OFFICIAL GAZETTE

UNITED STATES PATENT OFFICE

MAR. THRU APR.

VOL 356 - 357

1927

OFFICIAL GAZETTE

OF THE

UNITED STATES PATENT OFFICE

BANCROFT
PUBLIC
LIBRARY
NEWTON MASS

VOLUME 356

MARCH

1927

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON
1927

PANDOR
LIBRARY

CONTENTS.

	Page.
DECISIONS OF THE COMMISSIONERS OF PATENTS, March 1, 8, 15, 22, 29	3, 247, 497, 751, 985
TRADE-MARKS PUBLISHED AND REGISTERED, March 1, 8, 15, 22, 29	7, 251, 501, 755, 989
LABELS AND PRINTS REGISTERED, March 1, 8, 15, 22, 29	53, 307, 557, 808, 1041
REISSUES, March 1, 8, 15, 22, 29	57, 309, 559, 811, 1043
DESIGNS, March 1, 8, 15, 22, 29	59, 309, 560, 811, 1044
PATENTS, March 1, 8, 15, 22, 29	71, 325, 569, 824, 1051

ANNOUNCEMENTS.

	Page.
APPLICATIONS—Condition of pending	2, 246, 496, 750, 984
ADVERSE DECISIONS IN INTERFERENCE	6, 250, 500, 749, 988
CLASSIFICATION OF INVENTIONS—Changes in—*Order No. 2,998*	749
Order No. 3,000	983
DISCLAIMERS—Albee, William H.	988
Goodrum, Charles L.	1
Hofmann, Fritz	1
Shipley, Stanley D., and Guy C. Given	495
Torchio, Philip	1
FEES—Changes in, effective April 14, 1927	245, 495, 749, 983
INTERFERENCE NOTICES—Beyer Bros. Commission Co	245, 500, 754
Deane's Coffee Shoppe, Inc	6, 500
PATENT SUITS	4, 249, 499, 753, 986
PATENTS—List of adjudicated	6, 250, 500, 754, 988
TRADE-MARKS—Canceled	5, 495, 988
Notice of Cancellation	6, 245, 754, 988
TRANSFER OF EXAMINER—Vernon I. Richard to Division 55 to be Acting—*Order No. 2,999*	983

TABLE OF CASES REPORTED.

	Page.
*American Watch Import Company *v.* Western Clock Company	498
*Davies-Young Soap Co., The, *v.* The Selig Co	752
*Doble. In re	4
Fiberloid Corporation, The, *v.* Mayer	3
Goldman *v.* Hall, Hartwell & Co., Inc	751
*Gray *v.* Greene. Greene *v.* Gray	497
*McClaire. In re	248
*Parks. In re	752
Standard Plate Glass Company *v.* Central Laboratories Company	985
Victor Talking Machine Company *v.* The American Specialty Company	247
*Vissering. In re	986

[Decisions of the Court of Appeals of the District of Columbia are indicated by the letter (*).]

ERRATA.

1,619,051, page 87, in the heading, assignment, line 3, strike out the words "said Leoni assignor" and insert instead the word *assignors*.

1,619,729, page 229, in the heading, line 2, after the residence of the inventor insert the words *assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware.*

1,622,880, page 1176, in the heading, assignment, strike out "American Woodworking Machinery Company, Rochester, N. Y., a Corporation of Pennsylvania" and insert *Yates-American Machine Company, Rochester, N. Y., a Corporation of Delaware.*

Alphabetical List of Patentees, page xxvi, Jarnagin, Harry S., for Patent No. "1,622,012" read *1,623,012.*

Patents Nos. 1,618,967 to 1,619,800.

THE OFFICIAL GAZETTE
OF THE
United States Patent Office.

Vol. 356—No. 1. TUESDAY, MARCH 1, 1927. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.

CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

CONTENTS.

	Page.
Issue of March 1, 1927	1
Disclaimers	1
Applications Under Examination	2
Commissioner's Decisions—	
The Fiberloid Corporation v. Mayer	3
Decisions of the U. S. Courts—	
In re Doble	4
Patent Suits	4
Trade-Marks Canceled	5
Adjudicated Patents	5
Adverse Decisions in Interference	6
Interference Notice	6
Notices of Cancellation	6
Trade-Marks Published (203 Applications)	7
Trade-Mark Registrations Granted	34
Trade-Mark Registrations Renewed	49
Labels	53
Prints	54
Reissues	57
Designs	59
Patents Granted	71

Issue of March 1, 1927.

Trade-Marks	257—No.	224,483 to No.	224,739, inclusive.
T. M. Renewals	140		
Labels	42—No.	31,698 to No.	31,739, inclusive.
Prints	50—No.	9,537 to No.	9,586, inclusive.
Reissues	6—No.	16,561 to No.	16,566, inclusive.
Designs	48—No.	72,077 to No.	72,124, inclusive.
Patents	834—No.	1,618,967 to No.	1,619,800, inclusive.
Total	1,477		

Disclaimers.

1,149,580.—*Fritz Hofmann*, Elberfeld, and *Kurt Gottlob*, Vohwinkel (near Elberfeld), Germany. CAOUTCHOUC SUBSTANCE AND VULCANIZATION PRODUCT THEREOF. Patent dated August 10, 1915. Disclaimer filed February 11, 1927, by the assignee, *The Grasselli Chemical Co.*

Hereby enters this disclaimer and disclaims:

(a) From the scope of said claims 1 and 4 of said Letters Patent, in the process of producing vulcanized rubber and the new article of manufacture, vulcanized rubber, therein set forth, the use of ammonia, dimenthylamin, and diethylamin, which are substances set forth in U. S. Patents 1,081,613 and 1,081,614, referred to in lines 11 to 17 of page 1 of the specification of said Patent No. 1,149,580.

(b) From the scope of said claims 1 and 4 of said Letters Patent, in the process of producing vulcanized rubber and the new article of manufacture, vulcanized rubber, therein set forth, the use of methylene bases as set forth in U. S. Patent No. 1,126,469, issued on application Serial No. 795,505, and U. S. Patent No. 1,130,903, issued on application Serial No. 795,506, which are the applications referred to in lines 18 to 25 of page 1 of the specification of said Patent No. 1,149,580, and the use of para-amino-dimethylanilin as a member of the group of substances so described as methylene bases in said Patents Nos. 1,126,149 and 1,130,903 and the applications therefor.

(c) The word "naphthylamin" in lines 35 and 36 of page 1 of the specification of said Letters Patent No. 1,149,580, which should have read "naphthylenediamin."

1,172,822.—*Philip Torchio*, New York, N. Y. PROTECTIVE DEVICE FOR ELECTRIC-CABLE JOINTS. Patent dated February 22, 1916. Disclaimer filed February 11, 1927, by the assignee, *Thomas E. Murray*.

Hereby makes disclaimer of the improvement described except for electric cables which comprise a line conductor, insulating wrapping permeated with insulating compound and a sheath of flexible inelastic metal constituting a unitary product of manufacture and commerce which is portable and capable of being drawn through conduits; and except as to an insulating liquid which is fluid at ordinary working temperatures of such cables and in quantity sufficient to supply at all times the demands made by the cable in use, and by the joint.

1,515,735.—*Charles L. Goodrum*, New York, N. Y., and *John N. Reynolds*, Greenwich, Conn. MACHINE-SWITCHING TELEPHONE SYSTEM. Patent dated November 18, 1924. Disclaimer filed February 8, 1927, by the patentees, assignee, *Western Electric Company, Incorporated*, consenting.

Hereby enter this disclaimer to the said claims of said Letters Patent which are in the following words, to wit:

"7. The combination in a switching system of incoming lines, outgoing lines, contact sets for said incoming lines, contact sets for said outgoing lines, an operating mechanism common to said incoming lines, an operating mechanism individual to each outgoing line, other operating mechanisms associated in common with said first and second mentioned operating mechanisms, the conjoint operation of one of each of said first, second and third mentioned operating mechanism being effective to actuate the contact sets of said incoming and outgoing lines to establish a connection between one of said incoming and one of said outgoing lines, said first mentioned operating mechanism being operable in conjunction with other of said second and third operating mechanisms to establish connections between other incoming and outgoing lines co-existing with the connection already established.

"20. The combination in a switching system of incoming lines, link circuits and outgoing lines, with means for establishing line-link-line connections comprising a set of incoming line bars, a set of link bars and a set of outgoing line bars, and means for preventing the simultaneous operation of more than one bar of each of said sets.

"21. The combination in a switching system of incoming lines, link circuits and outgoing lines, with means under the control of incoming lines for establishing line-link-line connections comprising a set of incoming line bars, a set of link bars and a set of outgoing line bars, and means to prevent interference between simultaneously calling incoming lines."

984

Condition of Applications Under Examination at Close of Business February 18, 1927.

(Total number of applications awaiting action, excluding Trade-Mark Division, 54,208; Trade-Mark Division, 1,893. Oldest new case, July 12, 1926; oldest amended, July 17, 1926. The dates given are 1926 except where † indicates 1927.)

Room No.	Divisions, Examiners, and Subjects of Inventions.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders	Dec. 4	Dec. 6	439
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Oct. 26	Oct. 18	869
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Sept. 29	Oct. 1	1,473
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Sept. 22	Oct. 4	1,410
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters	Sept. 13	Sept. 14	900
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Sugar and Starch.	July 12	Aug. 5	1,995
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Sept. 16	Sept. 18	1,191
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Oct. 18	Oct. 28	1,559
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Dec. 11	Dec. 8	564
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops	Oct. 2	Oct. 5	1,145
149*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.	Nov. 2	Nov. 18	785
380	12. PIERCE, P. P., Machine Elements	Oct. 11	Oct. 21	938
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 22	Oct. 19	1,045
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 7	Sept 24	997
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Oct. 22	Oct. 23	1,206
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Oct. 29	Nov. 1	724
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Sept. 13	Oct. 1	749
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 7	Aug. 5	980
236	19. GLASCOCK, E. S, Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Nov. 8	Nov. 6	715
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Oct. 14	Oct. 13	879
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Sept. 20	Sept. 22	893
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 10	Sept. 1	823
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 20	Oct. 30	546
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Aug. 20	Sept. 4	902
314	25. LIGHTFOOT, J. H., Agitating, Butchering; Classifying Solids; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Oct. 14	Oct. 16	1,167
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 2	Sept. 1	831
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 6	Nov. 2	805
225	28. BENSON, A. R., Internal-Combustion Engines	Oct. 20	Nov. 9	1,041
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Sept. 7	Sept. 3	1,126
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Oct. 25	Nov. 10	892
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Oct. 8	Sept. 23	1,427
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Oct. 23	Nov. 1	880
152	33. WYMAN, W. L, Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs, Wooden Buildings.	Nov. 18	Nov. 17	1,096
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.	Sept. 9	Sept. 16	737
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Nov. 2	Nov. 10	691
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.	Nov. 29	Dec. 1	732
224*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	Sept. 28	Sept. 18	1,413
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Aug. 26	Aug. 16	973
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Nov. 20	Nov. 23	404
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles	Oct. 25	Oct. 25	1,449
125	41. BROWN, J. L., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Nov. 19	Nov. 18	632
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Sept. 11	Sept. 11	1,407
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 8	Nov. 11	755
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Sept. 1	Sept. 1	1,263
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Nov. 5	Nov. 15	745
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Oct. 7	Oct. 6	939
264	47. BARKER, H, Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 1	Nov. 2	1,253
213*	48. ROEPKE, G. B., Electricity, General Applications	Aug. 25	Aug. 25	996
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.	Aug. 26	Sept. 20	936
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Oct. 20	Oct. 26	1,166
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission	Sept. 3	Sept. 2	1,217
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Oct. 11	Oct. 14	1,096
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Oct. 20	Oct. 21	818
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes	July 17	July 17	1,638
102	Designs: ——— (Acting)	†Jan. 18	†Feb. 4	†526
163	Trade-Marks, Labels, and Prints: F. A. RICHMOND — Trade-Marks	†Jan. 18	†Feb. 5	1,755
	Labels and Prints	†Feb. 4	†Feb. 7	138

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

THE FIBERLOID CORPORATION *v.* MAYER.

Decided April 12, 1926.

1. TRADE-MARKS—CORPORATE NAME—"FIBEROID"—"THE FIBERLOID CORPORATION."

There is substantially no difference between the notation "Fiberoid" and the opposer's corporate name, "The Fiberloid Corporation."

2. SAME—SAME DESCRIPTIVE PROPERTIES—PYROXYLIN LACQUER USED AS VARNISH—MIXED PAINTS.

Pyroxylin lacquer which while a liquid waterproofing compound is mainly used as a varnish for finishing wood or metal possesses the same descriptive properties as ready-mixed paint.

3. SAME—DESCRIPTIVE NAMES—"FIBEROID."

The notation or term "Fiberoid" is descriptive of goods composed principally of asbestos fiber and gilsonite asphalt, the terminal portion "oid" of the word being quite common in descriptive names used for similar material.

APPEAL from Examiner of Interferences.

Opposition No. 6,147 to registration of trade-mark of David Mayer for ready-mixed paint, application filed November 29, 1924, Serial No. 206,016, published February 10, 1925.

Messrs. Chapin & Neal for The Fiberloid Corporation.

Mr. James Atkins for Mayer.

KINNAN, *First Assistant Commissioner:*

This case comes on for review on appeal of the opposer, The Fiberloid Corporation, of the decision of the Examiner of Trade-Mark Interferences dismissing the opposition and adjudging the applicant entitled to the registration for which he has applied.

The applicant seeks registration of the notation "Fiberoid" used upon ready-mixed paint. The specimen filed shows use of the notation upon roof paint.

The opposer bases its opposition on three grounds—first, that the applicant has adopted substantially the corporate name of opposer; second, that the applicant's notation is descriptive of the goods; and, third, that the notation used by applicant is so similar to the opposer's registered trade-mark "Fiberloid" and the goods are also so similar as to "cause confusion or mistake in the mind of the public or to deceive purchasers."

The applicant has taken no testimony and is in consequence restricted to his date of filing, November 29, 1924. Opposer has taken testimony and has established use by its predecessors of its corporate name, including the word "Fiberloid," and of its trade-mark for nearly thirty years. There is also some evidence as to extensive advertising of opposer's products, their sale throughout the United States and in some foreign countries, the advertising being alleged to have reached in the last five years something like a half million dollars. Under these conditions the opposer has established a considerable good will which is a valuable asset of its business.

[1] As to the matter of the corporate name, there seems to be substantially no difference between the notation "Fiberoid" and the opposer's corporate name. It is doubtful if the average purchaser of the applicant's or the opposer's goods could be relied upon to even note that the single letter "l" was present in one name and not in the other. It is thought a fair conclusion, since the word "Fiberloid" constitutes substantially opposer's entire corporate name and the notation "Fiberoid" adopted by applicant is so similar, that probable damage of reputation exists if applicant uses its mark in trade where the opposer corporation is known. In the recently decided case, *American Steel Foundries v. Robertson, Commissioner of Patents, and Simplex Electric Heating Co.*, 342 O. G. 711, the United States Supreme Court noted that—

> where the appropriation of the corporate name is complete, the rule of the statute, by its own terms, is absolute and the proposed mark must be denied registration without more.

[2] The court also held that where less than the whole name has been appropriated it was proper to consider the classes of goods to which the corporate name belongs and on which the applicant for registration uses its notation. In the case at bar the opposer has produced for the market articles made of pyroxylin, in the nature of celluloid advertising envelopes, toilet articles, calendars, calling cards, etc. None of these goods belong to the same class or possess the same descriptive properties as the ready-mixed paint upon which the applicant uses his notation. It does appear, however, that opposer began as early as 1923 to produce pyroxylin lacquer which while a liquid waterproofing compound is mainly used as a varnish for finishing wood or metal. It is thought this product possesses the same descriptive properties as the ready-mixed paint on which applicant uses his notation. Both products are used as protecting and beautifying coatings of wood and metal, both are sold in metal containers ready for use, and are applied in substantially the same way. In view of these facts it is thought the applicant should not be permitted registration of a mark so nearly identical with the entire corporate name of the opposer and so nearly identical with the trade-mark used by opposer. The *Duro Pump & Manufacturing Co.* v. *California Cedar Products Co.*, 344 O. G. 1058, — App. D. C. —, Feb. 1, 1926.

[3] Taking up the question of the applicant's mark being descriptive of his goods, which question may properly be considered here (*In re Herbst*, 141 O. G. 286, 32 App. D. C. 565), it is noted the applicant states in his answer to the notice of opposition that his product "is composed principally of asbestos fiber and gilsonite asphalt." Under these conditions it is quite evident the notation or term "Fiberoid" is descriptive of the goods. The terminal portion "oid" of the word is quite

common in descriptive names used for similar materials, such as celluloid, rubberoid, and many other materials. The holding in the case of *Standard Paint Co.* v. *Trinidad Asphalt Manufacturing Co.*, 160 O. G. 971, 220 U. S. 445, wherein the Court adjudged the word "Rubberoid" descriptive of the material, flexible roofing, to which it was applied, is persuasive of the view that fiberoid when used upon a paint having asbestos fiber as a considerable portion of its constituents is likewise descriptive. Clearly enough the purchaser would understand the paint sold under the notation was fiberlike or included some fibrous material in its composition.

The decision of the Examiner of Trade-Mark Interferences is reversed, the opposition is sustained, and it is adjudged the applicant is not entitled to the registration for which it has applied.

Court of Appeals of the District of Columbia.

IN RE DOBLE.

No. 1,887. Decided December 6, 1926.

INTERFERENCE—ESTOPPEL—RULE 109—FAILURE TO PRESENT CLAIMS WHILE INTERFERENCE IS PENDING.

It is the duty of a party to an interference to present for determination all of his claims relating to the interfering subject matter while the interference is pending, and when he fails to do so and furthermore fails to file any amendment containing additional claims he becomes barred and estopped from subsequently presenting such claims as a basis for another interference with the interfering application.

APPEAL from the Commissioner of Patents. Affirmed.

Mr. C. E. Mehlhope for Doble.

Mr. T. A. Hostetler for the Commissioner of Patents.

Before MARTIN, Chief Justice, VAN ORSDEL, Justice, and HATFIELD, Judge U. S. Court of Customs Appeals.

MARTIN, *C. J.*:

This is an appeal from a decision of the Commissioner of Patents rejecting, upon the ground of estoppel, certain claims presented as amendments to the application, after the dissolution of an interference.

On May 9, 1918, Doble filed an application for a patent for an improvement in steam-generator regulation. On September 23, 1919, an interference was declared between this application and one filed by Scott. On February 5, 1920, Doble moved to dissolve the interference upon the ground that Scott had no right to make the two claims corresponding to the issue, and on August 16, 1920, the motion was sustained by the Law Examiner and the interference was dissolved. Scott then cancelled the claims corresponding to the issue, and they were allowed to Doble. A patent was later granted to Scott on his application as thus limited [No. 1,385,845, July 26, 1921].

On June 6, 1921, about nine months after the interference was dissolved, Doble presented nine additional claims all copied from Scott's application and asked for another declaration of interference with Scott. Afterwards, to wit on October 21, 1921, Doble presented 13 more claims copied from Scott's application, and requested "that these claims be included in the interference to be declared with the Scott patent". The Examiner rejected all of these claims as unwarranted by Doble's disclosure, and also upon the ground of estoppel, because of Doble's delay in presenting the claims. The first of these objections was later obviated by the substitution of a new drawing for that first filed by the applicant. This was permitted by the Examiner in accordance with the recommendation of the Examiners in Chief, made upon an appeal to them. The question of new matter was thereby eliminated from the case, but the Examiner renewed his rejection of the additional claims upon the ground of estoppel, and this decision was successively affirmed by the Examiners in Chief and the Commissioner of Patents. This appeal challenges these concurring decisions.

We agree with the decisions. It was Doble's duty when the interference was pending between his application and Scott's, to present for determination all of his claims relating to the interfering subject mater, and when he failed to do so and furthermore failed to file any amendment containing additional claims, he became barred and estopped from subsequently presenting such claims as a basis for another interference with Scott's application. This conclusion follows the provisions of rule 109 of the Patent Office, as determined by this court *In re Capen*, 43 App. D. C. 342. In that case the court referred with approval to the following statement of the Examiner, to wit:

> The Examiner properly refused to redeclare the interference. It is not necessary to decide how long after the time fixed by rule 109 applicant could have presented other claims, with the request to have them made part of the issue of the interference, but certainly if such action was desired it should have been taken while the interference was pending, in order that the question of the admissibility of these claims could have been ruled on inter partes, and applicant can not now be allowed these claims.

We think this ruling is not inconsistent with any of the authorities cited by appellant's counsel. The decision of the Commissioner of Patents is accordingly affirmed.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

1,018,502, Just & Hanaman, Manufacture of incandescent lamps; 1,082,933, W. D. Coolidge, Tungsten and method of making same for use as filaments of incandescent electric lamps, etc.; 1,423,956, Mitchell & White, Tipless incandescent lamp, suit filed Dec. 11, 1924, D. C., S. D. N. Y., Doc. E 30/378, *General Electric Co.* v. *Crown Electric Supply Co., Inc., et al.* Bill dismissed without prejudice Jan. 18, 1927.

1,050,441, R. A. Fessenden, Electric signaling system; 1,050,728, same, Method of signaling; 1,113,149, E. H. Armstrong, Wireless receiving system, suit filed Jan. 19, 1927, D. C., S. D. N. Y., Doc. E 40/88. *Westinghouse Electric & Mfg. Co. et al.* v. *W. Egert.*

1,050,728. (See 1,050,441.)

1,082,933. (See 1,018,502.)

1,113,149. (See 1,050,441.)

1,142,361, G. Ornstein, Process of antisepticizing water, suit filed Dec. 28, 1926, D. C. R. I., Doc. 262. *Electro Bleaching Gas Co. et al.* v. *Pascoat Water Co.*

1,174,403. (See 1,587,007.)

1,180,264, A. Lederer, Incandescent body for electric lamps, suit filed Dec. 22, 1926, D. C. R. I., Doc. 261. *Westinghouse Lamp Co.* v. *C. E. Manufacturing Co., Inc.*

1,195,632, W. C. White, Circuit connection of electron-discharge apparatus; 1,231,764, F. Lowenstein, Telephone relay; 1,251,377, A. W. Hull, Method of and means for obtaining constant direct-current potentials, suit filed Jan. 17, 1927, D. C., S. D. N. Y., Doc. E 40/67, *Radio Corp. of America et al.* v. *Radio Receptor Co., Inc.*

1,231,764 (*a*). (See 1,195,632.)

1,231,764 (*b*), F. Lowenstein, Telephone relay; 1,251,377, A. W. Hull, Method of and means for obtaining constant direct-current potentials, suit filed Jan. 17, 1927. D. C., S. D. N. Y., Doc. E 40/68, *Radio Corp. of America et al.* v. *Epom Corp.*

1,251,377. (See 1,195,632 and 1,231,764 (*b*).)

1,262,267, 1,262,268, J. Schaub, Artificial fuel and method of making same; 1,313,876, H. M. Brigham, same, appeal filed Jan. 14, 1927, C. C. A. (4th Cir.), Doc. 2607, *U. S. Industrial Chemical Co., Inc., et al.* v. *The Theroz Co.*

1,262,268. (See 1,262,267.)

1,303,808, Landis & Roy, Game of skill, suit filed Oct. 23, 1924, D. C., S. D. Calif. (Los Angeles), Doc. E I-38 M, *K. D. Fuller* v. *W. B. Wigle.* Bill dismissed without prejudice Nov. 30, 1926.

1,313,876. (See 1,262,267.)

1,333,395. (See 1,437,318 (*b*).)

1,374,970, E. V. C. Weyand, Garment material, suit filed June 4, 1925, D. C., S. D. N. Y., Doc. E 32/198, *Cockcroft Arts, Inc.*, v. *Bloomingdale Bros., Inc.*, and *M. Schwartz Textile Corp.* Decree sustaining patent and adjudging infringement by M. Schwartz Textile Corp.; action discontinued as to Bloomingdale Bros., Inc., Jan. 17, 1927.

1,403,535, F. Arn, Chock block, suit filed Feb. 15, 1926, D. C., M. D. Ala. (Montgomery), Doc. E 375, *J. M. Card Lumber Co.* v. *W. S. Storey* (*Forest Products Co.*).

1,423,956. (See 1,018,502.)

1,437,318 (*a*), A. Kyle, Glove, suit filed May 29, 1923, D. C. Ind. (Indianapolis), Doc. 706, *Knoxville Glove Co.* v. *Indianapolis Glove Co.* Bill dismissed on plaintiff's motion Jan. 5, 1927.

1,437,318 (*b*), A. Kyle, Glove; 1,333,395, Elsey & Zwick, same, suit filed May 29, 1923, D. C. Ind. (Indianapolis), Doc. 705, *Knoxville Glove Co.* v. *The Elzwilaw Co. et al.* Bill on Patent 1,437,318 dismissed on plaintiff's motion, counter claim on Patent 1,333,395 dismissed Jan. 5, 1927.

1,487,042, J. T. Wilkin, Gas meter; 1,528,728, Houghton & Wilkin, Meter, suit filed Oct. 30, 1926, D. C. Ind. (Indianapolis), Doc. 934. *The Connersville Blower Co.* v. *P. H. & F. M. Roots Co.* Bill as to Patent 1,487,042 dismissed without prejudice Jan. 10, 1927.

1,528,728. (See 1,487,042.)

1,548,465, J. P. Henry, Process for the reproduction of wood grains, suit filed Mar. 22, 1926, D. C., N. D. Ohio (W. Div.), Doc. E 630, *The Vance Mfg. Co. et al.* v. *Oxford Varnish Corp.* and *L. V. Casto.* Dismissed without prejudice as to L. V. Casto. Consent decree against Oxford Varnish Corp., claims 1, 2, 3, 4, and 5 infringed (notice dated Jan. 19, 1927).

1,563,217, A. E. Moore, Mechanically-operated pencil, suit filed Dec. 21, 1926, D. C. R. I., Doc. 260, *Rex Mfg. Co.* v. *B. Avakian et al.* (*Eastern Jewelry Co.*).

1,565,143. (See 1,587,007.)

1,579,774, M. Lowy, Traveling bag, suit filed Jan. 17, 1927, D. C., S. D. N. Y., Doc. E 40/66, *Lowy & Lowy, Inc.*, v. *Union Traveling Bag. Co., Inc.*

1,587,007, Norton, Dickinson & Gustafson, Door-operating mechanism for elevator; 1,565,143, H. J. Fear, Elevator-door control; 1,174,403, F. K. Fassett, Door-operating mechanism, suit filed Jan. 11, 1927, D. C. Del., Doc. E 629, *Elevator Supplies Co., Inc.*, v. *Graham & Norton Co.*

1,612,698, W. P. Cohoe, Machine for and method of dyeing cloth, suit filed Dec. 30, 1926, D. C. Del., Doc. E 626, *Cohoe Processes, Inc.*, v. *The Pusey & Jones Co. et al.*

Des. 43,459, Kellner & Worms, Knitted necktie, suits filed Jan. 19, 1927, D. C., S. D. N. Y., Doc. E 40/85, *Franklin Knitting Mills, Inc.*, v. *Gabriel Newmayer* (*Harlem Shirt Shop*). Doc. E 40/86, *Franklin Knitting Mills, Inc.*, v. *J. G. Barbieri* (*Belmonte Shirt Shop*). Doc. E 40/87, *Franklin Knitting Mills, Inc.*, v. *Hudson Shirt Shops, Inc.*

Des. 63,591, E. C. Sellors, Toy dog, suit filed July 13, 1926, D. C. N. J., Doc. E 2080, *E. C. Sellors et al.* v. *C. Stein et al.* Patent held valid and infringed and injunction granted Dec. 21, 1926.

Des. 65,066, M. Klein, Dining-room lighting fixture, suit filed Mar. 4, 1925, D. C., S. D. N. Y., Doc. E 31/222, *Shapiro & Aronson, Inc.*, v. *Excelite Fixture Corp.* Patents sustained and injunction granted Jan. 17, 1927.

Des. 69,887, F. W. Horstmann, Fur, suit filed Jan. 18, 1927, D. C., S. D. N. Y., Doc. E 40/80, *F. W. Horstmann et al.* v. *Brickner & Bernfeld, Inc.*

TRADE-MARKS CANCELED.

114,418. Certain named foods. August F. Beckmann, New York, N. Y. Registered December 19, 1916. Canceled February 12, 1927.

180,716. Nonalcoholic, maltless beverages sold as soft drinks and sirups for making the same. Vess Jones, doing business as Whiz Company, New York, N. Y. Registered March 4, 1924. Canceled February 12, 1927.

192,317. Dry seaweed and sea moss. The Asia Company, Los Angeles, Calif. Registered December 2, 1924. Canceled February 12, 1927.

209,084. Butter. Miller-Rose Company, La Crosse, Wis. Registered February 16, 1926. Canceled February 12, 1927.

211,047. Plowshares. Crescent Forge & Shovel Co., Havana, Ill. Registered March 30, 1926. Canceled February 12, 1927.

216,657. Insect-repelling preparations (medicated) for personal use. Charles Dohrn Douglas, London, England. Registered August 17, 1926. Canceled February 12, 1927.

218,023. Hair colorings. Rap-I-Dol Co., Inc., Newark, N. J. Registered September 14, 1926. Canceled February 12, 1927.

ADJUDICATED PATENTS.

(C. C. A. N. Y.) The Gold patent, No. 925,896, for steam-heating system for railway cars, claim 5 *Held* invalid and claim 8 not infringed. *Vapor Car Heating Co.* v. *Gold Car Heating & Lighting Co.*, 16 F. (2d) 194.

(C. C. A. N. Y.) The Gold patent, No. 944,187, for heating system for railway cars, claims 12 and 20 *Held* not infringed. *Vapor Car Heating Co.* v. *Gold Car Heating & Lighting Co.*, 16 F. (2d) 194.

(C. C. A. N. Y.) The Gold reissue patent, No. 13,059, for heating system for railway cars, claims 1, 6, and 7 *Held* valid and infringed and claims 17, 18, 19, and 21 invalid. *Vapor Car Heating Co.* v. *Gold Car Heating & Lighting Co.*, 16 F. (2d) 194.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,383,254, C. H. Birdsey, Plaster board, decided January 21, 1927, claims 1 to 6, inclusive.

Pat. 1,472,888, C. B. Rose, Tractor attachment, decided January 17, 1927, claims 1, 2, and 4.

Pat. 1,477,161, B. S. Aikman, Unloader for compressors, decided January 21, 1927, claims 1 and 2.

Pat. 1,575,883, D. McC. White, Automobile construction, decided January 24, 1927, claims 1 and 2.

Pat. 1,584,838, A. P. Brush, Paste dispensing, decided February 12, 1927, claim 1.

Final decision in interference has been rendered against the following trade-mark:

T. M. 204,933, Face powders, face creams, toilet waters, rouges, perfumes, hair tonics, hair oils, dentifrices, tooth powders, nail polishes, etc., Norda Essential Oil and Chemical Co., Inc., New York, N. Y. Registered October 27, 1925. Decided January 18, 1927.

Interference Notice.

U. S. PATENT OFFICE, *Washington, Feb. 17, 1927.*

Deane's Coffee Shoppe, Inc., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Albert F. Muiter, sr., 611 Chillicothe Street, Portsmouth, Ohio, for registration of a trade-mark and trade-mark registered February 10, 1925, No. 194,787, to Deane's Coffee Shoppe, Inc., 701 Smithfield Street, Pittsburgh, Pa., and a notice of such declaration sent by registered mail to said Deane's Coffee Shoppe, Inc., at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Deane's Coffee Shoppe, Inc., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Notices of Cancellation.

U. S. PATENT OFFICE, *Washington, Feb. 9, 1927.*

The Ohio Filler & Shield Co., its assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of The Ironsides Company, Columbus, Ohio, to effect the cancellation of the trade-mark registration of The Ohio Filler & Shield Co., Columbus, Ohio, No. 41,955, granted January 26, 1904. The Ironsides Company has placed of record an affidavit to the effect that a registered letter sent to The Ohio Filler & Shield Co. at its address of record has been returned by the post-office authorities with the remarks that said company is out of business, and that the president of said company, J. A. Mackin, 705 Gilbert Street, Columbus, Ohio, refuses to accept service of papers. In view of the foregoing, notice is hereby given that unless said The Ohio Filler & Shield Co., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Feb. 9, 1927.*

Howard Herman Ments, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Joseph A. Gardner, Memphis, Tenn., to effect the cancellation of the trade-mark registration of Howard Herman Ments, of Gustine, Calif., No. 158,354, dated August 29, 1922, and the notice of such proceeding sent by registered mail to the said Ments at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Ments, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Jan. 21, 1927.*

J. W. Rarity, trustee in bankruptcy of Associated Fruit Co., his assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of Badington Fruit Company, of Fullerton, Calif., to effect the cancellation of the trade-mark registration of Associated Fruit Co., of 200 Bedford Building, Miami, Fla., No. 167,966, dated May 8, 1922. The records of this Office show a transfer of title to J. W. Rarity, trustee in bankruptcy of Associated Fruit Co., of Miami, Fla. The notice of such proceeding sent by registered mail to J. W. Rarity, trustee in bankruptcy of Associated Fruit Co., at the said address, having been returned by the post office as undeliverable, notice is hereby given that unless said J. W. Rarity, trustee in bankruptcy of Associated Fruit Co., his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 1, 1927.

[VOL. 356. No. 1.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 184,598. (CLASS 6. (CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CLEAR-O-WHITE LABORATORIES INC., Long Island City, N. Y. Filed Aug. 17, 1923.

CLEAR -O- WHITE

Particular description of goods.—Bleaching Preparation for the Skin.

Claims use since March, 1923.

Ser. No. 189,598. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NAOSABURO TATSUKAWA, doing business as Ono Trading Co., San Francisco, Calif. Filed Dec. 12, 1923.



The lines on the drawing indicate colors, the fish being lined to indicate blue and yellow. No claim is made for the word "Brand" and for the words "California," "White Meat Tuna," "Packed for," and "San Francisco, U. S. A." nor the representation of the fish apart from the mark shown on the drawing.

Particular description of goods.—Canned Tunny Fish.

Claims use since July, 1923.

Ser. No. 205,392. (CLASS 25. LOCKS AND SAFES.) THE CHAMPION HARDWARE COMPANY, Geneva, Ohio. Filed Nov. 17, 1924.

CHAMPION

Particular description of goods.—Barn-Door Catches, Chain Bolts, Foot Bolts, Surface Bolts, Elbow Catches, Transom Catches, Thumb Latches, Sash Fasteners, Chain Fasteners, Door Locks, Barrel Bolts, Door Bolts, and Cupboard Turns and Catches.

Claims use since 1885.

Ser. No. 205,500. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) VIRGINIA HARLAN COAL CORPORATION, Pineville, Ky. Filed Nov. 18, 1924.



Particular description of goods.—Bituminous Coal.

Claims use since Sept. 15, 1924.

Ser. No. 211,015. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDWARD W. BROWN CO., San Francisco, Calif., assignor to Martin Camm Co., San Francisco, Calif., a Corporation of California. Filed Mar. 14, 1925.

ADVANCE

Particular description of goods.—Canned Fruits, Canned Vegetables, Fruit Preserves, Dried Vegetables, Catchup, Chili Sauce, Pickles, Dried Fruits, Nougat Crème, Table Sirup, Fresh Vegetables, Citrous Peels (Drained and Crystallized), Shredded Coconut, Apple Butter, Cranberry Sauce, Apple Sauce, Canned Fruits for Salad, Canned Vegetable Salad, Canned Berries, Canned Mushrooms, Canned Sauerkraut, Canned Succotash, Canned Pimentos, Fresh Celery, Fresh Okra, Rice, Mincemeat, Seeds for Seasoning, Marshmallow Topping, Dried Figs, Canned Tomato Purée, Canned Hominy, and Sago.

Claims use since 1917.

Ser. No. 213,264. (CLASS 12. CONSTRUCTION MATERIALS.) STANDARD CORK INSULATION COMPANY LIMITED, now by change of name Standard Cork Company Limited, London, England. Filed Apr. 24, 1925.

ELDORADO

Particular description of goods.—Boards for Heat-Insulating Purposes, Cork Being the Predominating Material of Said Boards.
Claims use since Nov. 28, 1924.

Ser. No. 214,372. (CLASS 15. OILS AND GREASES.) LOUGHBOROUGH OIL CO., (INC.), Washington, D. C. Filed May 15, 1925.



Particular description of goods.—Gasoline, Lubricants, and Fuel Oils.
Claims use since November, 1924.

Ser. No. 217,127. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) YAQUI FRUIT CO., Los Angeles, Calif., and Sonora, Mexico. Filed July 9, 1925.

YAQUI CHIEF

Particular description of goods.—Fresh Citrous and Deciduous Fruits, Melons, Lettuce, Tomatoes, Cucumbers, Eggplant, Peas, Bell Peppers, Grapes, and Cauliflower.
Claims use since Jan. 8, 1925.

Ser. No. 218,395. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE M. DOMENICE, New York, N. Y. Filed Aug. 5, 1925.

RUBY

Particular description of goods.—Toilet Creams, Toilet Powders, Shampoos, Preparations for the Hair, Lotions for the Skin, Depilatory Preparations, Rouge Preparations, Dentifrice, Perfumes, and Toilet Waters.
Claims use since Apr. 2, 1925.

Ser. No. 218,612. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) CENTRAL LABORATORIES CO., Wheeling, W. Va. Filed Aug. 10, 1925.

Auto EZE

Particular description of goods.—Tire-Preservative Coatings, Automobile Body and Furniture Polish.
Claims use since June 8, 1925.

Ser. No. 219,060. (CLASS 37. PAPER AND STATIONERY.) CONTINENTAL BANK-SUPPLY COMPANY, Mexico, Mo. Filed Aug. 19, 1925.

Continental
MEXICO MISSOURI

No claim is made to the exclusive use of the words "Mexico, Missouri" apart from their use with the mark as shown.
Particular description of goods.—Bank Supplies, Specifically Pass Books, Check Books, Coin Envelopes, and Blank Forms of All Kinds Used in Banking Business.
Claims use since May 29, 1925.

Ser. No. 221,772. (CLASS 37. PAPER AND STATIONERY.) REEVES & SONS LIMITED, London, England. Filed Oct. 15, 1925.

GREYHOUND

Particular description of goods.—Notebooks, Chalk Holders, and Ungraduated Wooden Rulers.
Claims use since Mar. 15, 1911.

Ser. No. 223,371. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COXON CORPORATION, San Francisco, Calif. Filed Nov. 16, 1925.



Particular description of goods.—Candy Bars.
Claims use since Mar. 28, 1925.

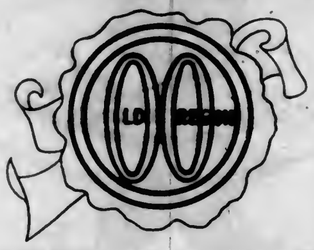
Ser. No. 223,460. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BULLOCK'S, Los Angeles, Calif. Filed Nov. 18, 1925.



Trade-mark comprises a fanciful picture of a woman holding a red and gold Japanese parasol over her on a blue circular field with a red and gold inner margin and a red and blue outer margin.
Particular description of goods.—Candy.
Claims use since Sept. 1, 1925.

Ser. No. 223,869. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SANBORN-CUTTING COMPANY, Astoria, Oreg. Filed Nov. 25, 1925.

DOUBLE "O"



No claim is made to the word "Oregon" apart from the mark as shown.
Particular description of goods.—Canned Vegetables and Canned Berries.
Claims use since Sept. 8, 1925.

Ser. No. 224,792. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) WEIDLICH STERLING SPOON CO., Bridgeport, Conn. Filed Dec. 16, 1925.

STRATFIELD

"Stratfield."
Particular description of goods.—Silverware—Namely, Hollow Ware and Flatware.
Claims use since Dec. 9, 1925.

Ser. No. 225,033. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PILOT ELECTRIC MANUFACTURING CO., INC., Brooklyn, N. Y. Filed Dec. 22, 1925.

REACTOGRAD

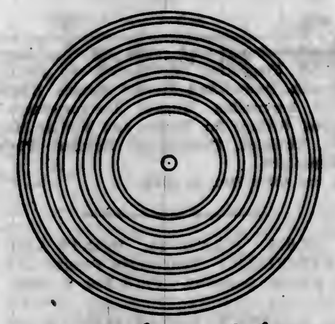
Particular description of goods.—Electric Controlling Devices Particularly Reactors Applied in Radiocircuits.
Claims use since Nov. 4, 1925.

Ser. No. 225,616. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) LYON & HEALY, INC., Chicago, Ill. Filed Jan. 7, 1926.

AMERICAN
CONSERVATORY

Applicant is the owner of registration 49,385, renewed.
Particular description of goods.—Musical Instruments—Namely, Banjos, Tenor Banjos, Banjo Mandolins, Plectrum Banjos, Banjo Ukuleles, Guitar Banjos, Ukuleles, Tiples, Taro Patches, the Last Two Instruments Resembling Ukuleles, and Strings for Banjos and Similar Musical Instruments.
Claims use since Oct. 1, 1925.

Ser. No. 226,120. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) ALEX. E. AMBALOV, Seattle, Wash. Filed Jan. 20, 1926.



Alex. E. Ambalov

The name of the applicant appears as a facsimile signature.
Particular description of goods.—Educational Chart in the Form of Phonographic Records.
Claims use since Dec. 1, 1925.

Ser. No. 226,374. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBERT JAMES RICHARDS, doing business as W. M. Watson & Company, Chicago, Ill. Filed Jan. 25, 1926.

MORRO ROCK

Particular description of goods.—Fresh Vegetables—Namely, Lettuce, Cauliflower, and Fresh Cantaloupes.
Claims use since July 1, 1924.

Ser. No. 226,758. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) MAY WATERSON, doing business as Universal Novelty Distributors, New York, N. Y. Filed Jan. 20, 1926.



Particular description of goods.—Musical Instruments and Supplies, Consisting of Player-Piano Rolls, Phonograph Records, Bowed and Fretted Strings, Brass, Wood-Wind, and Percussion Musical Instruments, Portable Phonographs, Strings for Violins and Similar Musical Instruments, Ukuleles, Phonograph Needles, Phonograph-Record Repeaters.
Claims use since Dec. 9, 1923.

Ser. No. 227,048. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) VEREINIGTE FARBEN- & LACKFABRIKEN, Munich, Germany. Filed Feb. 8, 1926.

Flamuco

Particular description of goods.—Water Colors of All Kinds in Pieces, Shells, Dishes; Colors for Ceramic and Photographic Purposes in Powder and in Prepared Form.
Claims use since Aug. 13, 1909.

Ser. No. 227,603. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RECORD-O-PHONE COMPANY, INC., doing business as the Record-O-Phone Sales Company, Washington, D. C. Filed Feb. 20, 1926.

RECORD-O-PHONE SALES COMPANY

Particular description of goods.—Machines for Electrically Recording Sound on Metal and Electrically Reproducing Such Sound.
Claims use since Apr. 10, 1925.

Ser. No. 227,713. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) OLLIE H. BUCK, Kokomo, Ind. Filed Feb. 24, 1926.

CINCH

Particular description of goods.—Fence Stays.
Claims use since March, 1906.

Ser. No. 229,439. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE GARFORD MOTOR TRUCK CO., Lima, Ohio. Filed Mar. 31, 1926.



Particular description of goods.—Motor Busses.
Claims use since July 9, 1925.

Ser. No. 230,872. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BEN. CHIRLS, doing business as Bine Bird Tube Co., New York, N. Y. Filed Apr. 29, 1926.

BLUE BIRD

Particular description of goods.—Electron (Vacuum) Tubes.
Claims use since about April, 1924.

Ser. No. 232,357. (CLASS 38. PRINTS AND PUBLICATIONS.) SIGN OF THE MERMAID, Detroit, Mich. Filed May 27, 1926.



Particular description of goods.—Books; Prints—Namely, Old Etchings, Lithographs, Wash Drawings, Sketches, and Copies of All the Same; and Pamphlets.
Claims use since Oct. 26, 1925.

Ser. No. 232,795. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) "SAROTTI" AKTIENGESELLSCHAFT, Berlin-Tempelhof, Germany. Filed June 5, 1926.

Particular description of goods.—Cocoa, Pastries, Chocolate; Confectionery—Namely, Chocolate Creams, Toffee, Nougat, Marzipan, Truffles, Pralines, Filled with Almonds, Nuts of Every Kind and Preparations of These; Preparations of Chocolate with Almonds and Nuts of All Kinds, Pralines with Alcoholic or Non-alcoholic Liquid Fillings; Sweets—Namely, Drops, Rocks, Caramels Filled and Unfilled, with and without Addition of Milk, Cream, Glacéd and Candied Sugar Creams, Marzipan Goods of Every Kind Glacéd and Candied, Glacéd and Candied Fruits, Fruit Pastes, Goods Made of Natural and Artificial Fruit Jelly; Bakers' Wares—Namely, Biscuits with and without Chocolate Coating, Cakes of All Kinds, Marzipan Pastries, Petit Fours, Dessert Tarts and Cakes, Gingerbread.
Claims use since May 8, 1923.

Ser. No. 233,075. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HERSHEY CHOCOLATE COMPANY, Hershey, Pa. Filed June 11, 1926.

CHOCLATIER

Particular description of goods.—Flavoring for Ice Cream and Other Foods.
Claims use since June 4, 1926.

Ser. No. 233,243. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TECO FOODS, INC., Cortland, N. Y. Filed June 14, 1926.



Particular description of goods.—Self-Rising Pancake Flour, Self-Rising Buckwheat Flour, Cake Flour, Self-Rising Biscuit Flour, Self-Rising Muffin Flour, and Waffle Flour.
Claims use since 1916.

Ser. No. 233,537. (CLASS 39. CLOTHING.) EISENBERG & ANDERSON, New York, N. Y. Filed June 21, 1926.

Artcraft

Particular description of goods.—Coats, Vests, Trousers, Overcoats, and Topcoats for Men and Young Men.
Claims use since about 1907.

Ser. No. 234,180. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDWARD B. WHITTED, Calexico, Calif. Filed July 3, 1926.

BORDER

Particular description of goods.—Melons—Namely, Fresh Cantaloupes; Fresh Vegetables—Namely, Lettuce.
Claims use since Dec. 28, 1925.

Ser. No. 234,219. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM E. MCDAVITT, doing business as McDavitt Brothers, Brownsville, Tex. Filed July 6, 1926.

Straight Shooter

Particular description of goods.—Fresh Vegetables—Namely, Beans, Tomatoes, Squash, Cucumbers, and Potatoes.
Claims use since January, 1915.

Ser. No. 234,666. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) EVERHOT HEATER COMPANY, Detroit, Mich. Filed July 17, 1926.

Unilator

Particular description of goods.—Room-Heating Radiator Using Oil or Gas.
Claims use since June 18, 1926.

Ser. No. 234,688. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ARCO BATTERY & PLATE CO., Fort Wayne, Ind. Filed July 19, 1926.

ARCO

Particular description of goods.—Battery Plates and Ignition Storage Batteries.
Claims use since 1922.

Ser. No. 235,007. (CLASS 38. PRINTS AND PUBLICATIONS.) WALL STREET ICONOCLAST, New York, N. Y. Filed July 23, 1926.

Wall Street Iconoclast

"Wall Street Iconoclast."
Particular description of goods.—Monthly Publication.
Claims use since on or before June 26, 1925.

Ser. No. 235,024. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE BETTER TIRES COMPANY, Chicago, Ill. Filed July 24, 1926.

CALUMET

Particular description of goods.—Automobile Body Polish.
Claims use since Aug. 1, 1922.

Ser. No. 235,073. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) RESEARCH CLUB, INC., Chicago, Ill. Filed July 24, 1926.

RESEARCH

Particular description of goods.—Polish for Metal and Compounds for Cleaning Enameled Surfaces and Upholstered Fabrics.
Claims use since on or about Jan. 1, 1922.

Ser. No. 235,472. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) F. L. HARNISCH, Berlin, Germany. Filed Aug. 2, 1926.



The words "Ungual," "Made in Germany," and "Hoflieferant Berlin W." are disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Pharmaceutical Preparations, Plasters; Proprietary and Veterinary Medicine—Viz, Cream for Polishing and Dyeing Finger Nails, Paste for Cleaning the Finger-Nail Roots, Balm for Stopping Up the Nail Pores, and Nail Powder.
Claims use since July 1, 1905.

Ser. No. 235,722. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK S. BARBARO, Springfield, Ill. Filed Aug. 9, 1926.



Applicant disclaims the words "Trade-Mark," "Choicest Confections," and "Springfield, Illinois."
Particular description of goods.—Candy Sucker.
Claims use since Oct. 1, 1924.

Ser. No. 235,782. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) NORWOOD AUTOCRAFT, INC., New York, N. Y. Filed Aug. 10, 1926.



No claim is made to the words "Kit-Lite; Norwood Autocraft, Inc.; N. Y." apart from the mark shown in the drawing.
Particular description of goods.—Portable Electric Lamps.
Claims use since May 4, 1926.

Ser. No. 236,263. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JUNIOR CANDY COMPANY, Milwaukee, Wis. Filed Aug. 21, 1926.



Particular description of goods.—Candy.
Claims use since July 15, 1926.

Ser. No. 236,475. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FORBES BROS. TEA & SPICE CO., St. Louis, Mo. Filed Aug. 26, 1926.

CUP WINNER

Particular description of goods.—Tea, Cocoa, Spices, Food-Flavoring Extracts, Food Sauces in the Nature of Pepper Sauce and Worcestershire Sauce, Mustard, Cornstarch, Tapioca, Birdseed, Vinegar, Canned Fruits, Fruit Sirups for Food Purposes, Barley, and Farina.
Claims use since Aug. 18, 1926.

Ser. No. 236,476. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FORBES BROS. TEA & SPICE CO., St. Louis, Mo. Filed Aug. 26, 1926.

FLASH

Particular description of goods.—Coffee, Tea, Cocoa, Spices, Food-Flavoring Extracts, Rice, Pepper Sauce, Table Sauce in the Nature of Pepper Sauce and Worcestershire Sauce, Worcestershire Sauce, Mustard, Cornstarch, Birdseed, Vinegar, Canned Fruits, Peanut Butter, Fruit Sirups for Food Purposes, Barley, Farina, and Salad Dressing.
Claims use since Aug. 19, 1926.

Ser. No. 236,477. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FORBES BROS. TEA & SPICE CO., St. Louis, Mo. Filed Aug. 26, 1926.

HONEY DEW

Particular description of goods.—Coffee, Tea, Cocoa, Spices, Food-Flavoring Extracts, Rice, Pepper Sauce, Table Sauce in the Nature of Pepper Sauce and Worcestershire Sauce, Worcestershire Sauce, Mustard, Cornstarch, Tapioca, Birdseed, Vinegar, Peanut Butter, Barley, Farina, and Salad Dressing.
Claims use since Aug. 20, 1926.

Ser. No. 236,775. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ROTH RADIO, INC., New York, N. Y. Filed Sept. 1, 1926.



Particular description of goods.—Radio Receiving Sets, Loud Speakers, Radio Storage and B Battery Eliminators, Storage and Dry Batteries, Battery Chargers, Battery Switches, and Vacuum Tubes.
Claims use since July 1, 1926.

Ser. No. 236,980. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN CHICLE COMPANY, Long Island City, N. Y. Filed Sept. 8, 1926.



The lining of the drawing is intended to show the colors red and yellow. No claim is made to the exclusive use of the words "Deliciosos" and "Exquisitos" apart from the other features of the mark shown in the drawing.
Particular description of goods.—Chewing Gum.
Claims use since May 5, 1926.

Ser. No. 237,004. (CLASS 38. PRINTS AND PUBLICATIONS.) UNITED ENGINEERING & FOUNDRY COMPANY, Pittsburgh, Pa. Filed Sept. 8, 1926.

UNITED EFFORT

Particular description of goods.—Monthly Publication.
Claims use since July, 1921.

Ser. No. 237,196. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SEBASTIAN STUART FISH CO., Seattle, Wash. Filed Sept. 13, 1926.

OLD PALS. BRAND

No claim is made to the word "Brand" apart from the mark as shown.
Particular description of goods.—Canned Fish—Namely, Salmon.
Claims use since Apr. 1, 1926.

Ser. No. 237,247. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) RUBOIL BELTING COMPANY, Philadelphia, Pa. Filed Sept. 14, 1926.



The mark consists of silver coloring at the edge or edges of the belting in contrast with the dark color of the body of the belting as indicated by the stippling and lining in the drawing. Representation of the goods per se is disclaimed.
Particular description of goods.—Belting, Particularly Stitched Canvas Belting.
Claims use since on or about Sept. 1, 1926.

Ser. No. 237,413. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) HORACE W. HEYMAN, New York, N. Y. Filed Sept. 18, 1926.

EASYDRAFT

Particular description of goods.—Draft Regulator.
Claims use since about Aug. 1, 1926.

Ser. No. 237,430. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WALTER MARTI, doing business as Walters Manufacturing Company, Montreal, Quebec, Canada. Filed Sept. 18, 1926.

WALTERS



No claim is made to the word "Walters" apart from the mark shown.
Particular description of goods.—Vinegar.
Claims use since July 2, 1925.

Ser. No. 237,608. (CLASS 38. PRINTS AND PUBLICATIONS.) LOS ANGELES EXAMINER, Los Angeles, Calif. Filed Sept. 23, 1926.

COOK-COOS

The lining is merely for the purpose of shading.
Particular description of goods.—Newspaper Column Which Appears from Time to Time.
Claims use since May 18, 1924.

Ser. No. 237,609. (CLASS 38. PRINTS AND PUBLICATIONS.) LOS ANGELES EXAMINER, Los Angeles, Calif. Filed Sept. 23, 1926.

REAL & UNREEL

The lining is merely for the purpose of shading.
Particular description of goods.—Newspaper Column Which Appears from Time to Time.
Claims use since Mar. 20, 1923.

Ser. No. 238,001. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMERICAN MECHANICAL LABORATORIES, INC., Brooklyn, N. Y. Filed Oct. 1, 1926.

CLAROSTAT

"Clarostat."
Particular description of goods.—Fixed and Variable Resistors for Electrical Purposes.
Claims use since Nov. 8, 1924.

Ser. No. 238,045. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) CAPITOL PAINT & VARNISH WORKS, INC., Brooklyn, N. Y. Filed Oct. 2, 1926.



The words "Nationally Recognized" are disclaimed apart from the mark shown.
Particular description of goods.—Ready-Mixed Paint and Paint Enamel.
Claims use since Dec. 19, 1925.

Ser. No. 238,504. (CLASS 45. BEVERAGES, NONALCOHOLIC.) KEEN KOLA MANUFACTURING COMPANY, Dallas, Tex. Filed Oct. 12, 1926.

Winner

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverage Sold as Soft Drink and Sirup for Making the Same.
Claims use since Feb. 1, 1907.

Ser. No. 238,505. (CLASS 45. BEVERAGES, NONALCOHOLIC.) KEEN KOLA MANUFACTURING COMPANY, Dallas, Tex. Filed Oct. 12, 1926.

Classy

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverage Sold as a Soft Drink and Sirup for Making the Same.
Claims use since Apr. 1, 1907.

Ser. No. 238,506. (CLASS 45. BEVERAGES, NONALCOHOLIC.) KEEN KOLA MANUFACTURING COMPANY, Dallas, Tex. Filed Oct. 12, 1926.

Nifty

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverage Sold as Soft Drink and Sirup for Making the Same.
Claims use since Feb. 1, 1907.

Ser. No. 238,536. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HERBERT P. TRAMBLEY, San Francisco, Calif. Filed Oct. 12, 1926.

RAFONE

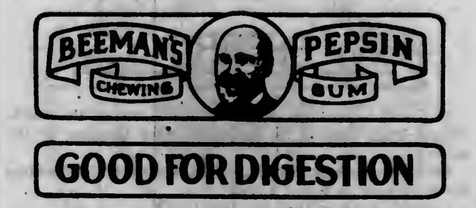
Particular description of goods.—Radio Receiving Sets.
Claims use since July 1, 1924.

Ser. No. 238,563. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE ACEDA COMPANY, San Francisco, Calif. Filed Oct. 14, 1926.

ACEDA

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverages Sold as Medicinal Mineral Water.
Claims use since Mar. 25, 1918.

Ser. No. 238,564. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN CHICLE COMPANY, Long Island City, N. Y. Filed Oct. 14, 1926.



Exclusive right to the words "Pepsin Chewing Gum" and "Good for Digestion" is disclaimed apart from and in association with the rest of the features of the mark shown. The portrait shown upon the drawing is that of Edwin Eugene Beeman, who was the founder of applicant's predecessor, the Beeman Chemical Company.
Particular description of goods.—Chewing Gum.
Claims use since 1890.

Ser. No. 238,631. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) R. C. WILLIAMS & Co. INC., New York, N. Y. Filed Oct. 14, 1926.

ROYAL SCARLET

DAINTY

No claim is made for the descriptive word "Dainty" apart from the mark shown. The bow of ribbon forming part of the mark is scarlet in color.

Particular description of goods.—Canned Vegetables.

Claims use since June, 1926.

Ser. No. 238,742. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RASSE WHOLESALE GROCER CO., Fairbury, Nebr. Filed Oct. 16, 1926.

ROYAL BOY

Particular description of goods.—Canned Pumpkin, Canned String Beans, Canned Hominy, Canned Kraut, Canned Cut Wax Beans, Canned Tomatoes, Canned Apricots, Canned Peaches, Canned Corn, Canned Peas, and Canned Pineapple.

Claims use since Feb. 20, 1925.

Ser. No. 238,769. (CLASS 45. BEVERAGES, NONALCOHOLIC.) JULIAN F. BLOODWORTH, doing business as Sherro Company, Lewiston, Ga. Filed Oct. 18, 1926.

TRADE MARK SHERRO

No claim being made to the exclusive use of the words "Trade Mark" except as associated with the rest of the mark.

Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink.

Claims use since Oct. 11, 1926.

Ser. No. 238,837. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANNA MARY BLAKE, doing business as Healoderm Laboratories, Fayetteville, N. C. Filed Oct. 19, 1926.

LEJUVEN

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Lip Sticks, Eyebrow Pencils, Skin Lotions, Perfumes, Hair Tonics, Hair Oils, Tooth Paste, Dentifrices, Deodorizing Preparations, Shampoos, Talcum Powders, Foot Powders, Sachets, Smelling Salts, Bath Salts, and Incenses.

Claims use since July 21, 1924.

Ser. No. 238,887. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN CHICLE COMPANY, Long Island City, N. Y. Filed Oct. 20, 1926.

ADAMS Black Jack CHEWING GUM

The lining on drawing denotes the color blue. No claim is made to the exclusive use of the words "Chewing Gum" apart from and in association with the rest of the features shown in the mark.

Particular description of goods.—Chewing Gum.

Claims use since October, 1916.

Ser. No. 238,906. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INDEPENDENT CANNING CO., Chicago, Ill. Filed Oct. 20, 1926.

Jockey Club



Particular description of goods.—Canned Corn, Canned Peas, Canned Red Kidney Beans, Canned Pork and Beans; Canned and Dried Fruits—Namely, Raisins.

Claims use since Apr. 26, 1907.

Ser. No. 238,961. (CLASS 32. FURNITURE AND UPHOLSTERY.) J. F. FRIEDEL PAPER BOX CO., Syracuse, N. Y. Filed Oct. 21, 1926.

Pro Tex

Particular description of goods.—Mothproof Wardrobes, Cabinets, and Chests.

Claims use since June 3, 1921.

Ser. No. 239,068. (CLASS 27. HOROLOGICAL INSTRUMENTS.) S. BRUNER INC., New York, N. Y. Filed Oct. 23, 1926.

BLANVIL

Particular description of goods.—Watchcases and Watches.

Claims use since about Oct. 9, 1926.

Ser. No. 239,084. (CLASS 27. HOROLOGICAL INSTRUMENTS.) S. BRUNER INC., New York, N. Y. Filed Oct. 23, 1926.

BONVIL

Particular description of goods.—Watchcases and Watches.

Claims use since about Oct. 9, 1926.

Ser. No. 239,085. (CLASS 27. HOROLOGICAL INSTRUMENTS.) S. BRUNER INC., New York, N. Y. Filed Oct. 23, 1926.

BRUNVIL

Particular description of goods.—Watchcases and Watches.

Claims use since about Oct. 9, 1926.

Ser. No. 239,086. (CLASS 27. HOROLOGICAL INSTRUMENTS.) S. BRUNER INC., New York, N. Y. Filed Oct. 23, 1926.

DIXVIL

Particular description of goods.—Watchcases and Watches.

Claims use since about Oct. 9, 1926.

Ser. No. 239,089. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE CARBON FUEL COMPANY, Cincinnati, Ohio. Filed Oct. 23, 1926.

ARBON SPLINT

Exclusive use is disclaimed of the words "Carbon" and "Splint."

Particular description of goods.—Coal.

Claims use since Aug. 4, 1925.

Ser. No. 239,152. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHERN SWEET POTATO EXCHANGE INCORPORATED, Sunset, La. Filed Oct. 23, 1926.

LOUISIANA BELLE

No claim is made to the geographical term "Louisiana" apart from the mark as shown.

Particular description of goods.—Fresh Vegetables.

Claims use since Oct. 9, 1926.

Ser. No. 239,260. (CLASS 38. PRINTS AND PUBLICATIONS.) F. H. W. CLARK, doing business as Owl Advertising Agency, New York, N. Y. Filed Oct. 26, 1926.



Particular description of goods.—Printed Matter—Namely, Circulars, Booklets, Books, and Catalogues.

Claims use since Jan. 1, 1924.

Ser. No. 239,432. (CLASS 15. OIL AND GREASES.) STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed Oct. 29, 1926.

ISO-VIS

The word "Service" is disclaimed apart from the mark shown in the drawing. The vertical lines on the drawing are intended to indicate the color red.

Particular description of goods.—Lubricating Oils.

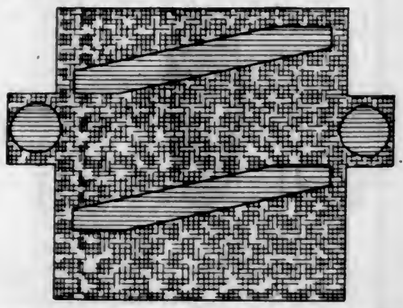
Claims use since May 20, 1926.

Ser. No. 239,486. (CLASS 32. FURNITURE AND UPHOLSTERY.) FREDERICK PARKER, doing business as Usatex Mfg. Co., Houston, Tex. Filed Oct. 30, 1926.

Usatex

Particular description of goods.—Mattresses and Pillows.
Claims use since Jan. 1, 1926.

Ser. No. 239,494. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THARINGER MACARONI COMPANY, Milwaukee, Wis. Filed Oct. 30, 1926.



Applicant disclaims the representation of the label as such, apart from the mark as shown in the drawing. The drawing is lined conventionally for blue and yellow.
Particular description of goods.—Alimentary Paste Products, and More Particularly for Macaroni, Spaghetti, Vermicelli, Noodles, and Egg Noodles, the Latter Two Both Dry and Wet and Prepared for Immediate Use.
Claims use since June 10, 1919.

Ser. No. 239,783. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SARA ASKIN, doing business as Budlax Manufacturing Company, Philadelphia, Pa. Filed Nov. 8, 1926.



The lining shown indicates the colors blue and orange.
Particular description of goods.—Laxative Preparation in the Form of a Bud or Cone.
Claims use since January, 1926.

Ser. No. 239,869. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) TURNER & VANDAM, INC., New York, N. Y. Filed Nov. 9, 1926.

QUEEN-MARIE

"Queen-Marie."
Particular description of goods.—Cotton, Cotton and Silk, and Cotton and Rayon Fabrics.
Claims use since Oct. 29, 1926.

Ser. No. 239,899. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) H. C. SCHRANCK COMPANY, Milwaukee, Wis. Filed Nov. 10, 1926.

H.C.SCHRANCK CO. ESTABLISHED 1870 MILWAUKEE WIS. U.S.A.

No claim is made to the printed words appearing on the drawing, except the name "H. C. Schranck Company" as shown upon the letter "S" and the words "Established 1876."
Particular description of goods.—Extracts, Sirups, and Concentrates for Making Nonalcoholic Beverages Sold as Soft Drinks.
Claims use since Dec. 10, 1907.

Ser. No. 239,978. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE R. T. FRENCH COMPANY, Rochester, N. Y. Filed Nov. 12, 1926.



Particular description of goods.—Mustard.
Claims use since Dec. 19, 1902.

Ser. No. 239,995. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES M. MUNSCH, Portland, Pa., and New York, N. Y. Filed Nov. 12, 1926.

11-11-18
Eau de Alsace
vis-à-vis le Ballon

No claim is made to the exclusive use of the words "Eau de Alsace" apart from the mark as shown in the drawing, the words "Eau de Alsace Vis-a-Vis le Ballon" meaning "Water of Alsace Opposite Ballon."
Particular description of goods.—Toilet Water.
Claims use since about Nov. 15, 1918.

Ser. No. 240,044. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) TOLLNER ELECTRIC CO. INC., Brooklyn, N. Y. Filed Nov. 13, 1926.

TELCO

Particular description of goods.—Electric Signal Boards, Electric Bells, and Floats as Used in Tanks to Actuate Electric Switches.
Claims use since 1915.

Ser. No. 240,212. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE PERIOMETER CO. INC., Long Island City, N. Y. Filed Nov. 17, 1926.

PERIOMETER

Particular description of goods.—Devices Actuated Automatically by the Gear of Vehicles to Indicate the Route to be Taken and to Display Advertisements in Succession.
Claims use since about Nov. 6, 1926.

Ser. No. 240,213. (CLASS 7. CORDAGE.) PIONEER MILLS, Guthrie, Okla. Filed Nov. 17, 1926.

PIONEER



Particular description of goods.—Cotton Twine and Light Rope.
Claims use since 1906.

Ser. No. 240,334. (CLASS 38. PRINTS AND PUBLICATIONS.) THE AMERICAN NEWS COMPANY, INC., New York, N. Y. Filed Nov. 20, 1926.

HAPPY

Particular description of goods.—Monthly Magazines.
Claims use since Nov. 11, 1926.

Ser. No. 240,352. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE HAKOACH KOSHER FOOD PRODUCTS CO. INC., Newark, N. J. Filed Nov. 20, 1926.

HAKOACH

כשר לפסח Pure Salad Oil

The HAKOACH KOSHER FOOD PRODUCTS CO. INC. NEWARK, N. J.

The Hebrew characters at left-hand side of the drawing mean "Passover Holiday," and the right-hand characters means "Kosher." No rights to registration are claimed on these Hebrew words or the words "Pure Salad Oil" or the name and address of applicant apart from the mark shown.
Particular description of goods.—Salad Oil.
Claims use since Oct. 22, 1926.

Ser. No. 240,365. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RADIO CORPORATION OF AMERICA, New York, N. Y. Filed Nov. 20, 1926.

UX-112

Particular description of goods.—Vacuum Tubes and Valves.
Claims use since about Aug. 1, 1925.

Ser. No. 240,366. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RADIO CORPORATION OF AMERICA, New York, N. Y. Filed Nov. 20, 1926.

UX-210

Particular description of goods.—Vacuum Tubes and Valves.
Claims use since about Sept. 1, 1925.

Ser. No. 240,416. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) INTERNATIONAL SALT COMPANY, INC., New York, N. Y. Filed Nov. 22, 1926.



No claim is made to the words "Iodine" and "Salt" apart from the mark shown. The lining shown, denotes the color blue.

Particular description of goods.—Salt.

Claims use since Feb. 15, 1926.

Ser. No. 240,423. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MAJOR EQUIPMENT COMPANY, INC., Chicago, Ill. Filed Nov. 22, 1926.

MAJOR

Particular description of goods.—Theater-Lighting Equipment and Apparatus, Including Border Lights, Proscenium Lights, Footlights, Stage Pockets, Stage Plugs, Damper Magnet Converters, Program Signs, Annunciators, Aisle Lights, Multiple Conductor Border Cable, Dimmers, Flood Lights, Spotlights, Bunch Lights, Olivetts (High-Power Open Electric Flood Lights), Stage Cable, Plugging Boxes, Electric Lights for Music Stands, and Preselective Remote Control for Electric-Lighting Systems, Also Flood Lights for Show Windows and Industrial Purposes and Parts of Any and All of the Foregoing.

Claims use since Jan. 1, 1919.

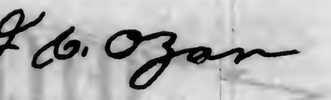
Ser. No. 240,424. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MAJOR EQUIPMENT COMPANY, INC., Chicago, Ill. Filed Nov. 22, 1926.



Particular description of goods.—Theater-Lighting Equipment and Apparatus, Including Border Lights, Proscenium Lights, Footlights, Stage Pockets, Stage Plugs, Damper Magnet Converters, Program Signs, Annunciators, Aisle Lights, Multiple Conductor Border Cable, Dimmers, Flood Lights, Spotlights, Bunch Lights, Olivetts (High-Power Open Electric Flood Lights), Stage Cable, Plugging Boxes, Electric Lights for Music Stands, and Preselective Remote Control for Electric-Lighting Systems, Also Flood Lights for Show Windows and Industrial Purposes and Parts of Any and All of the Foregoing.

Claims use since Jan. 1, 1919.

Ser. No. 240,437. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEE C. OZAN, Houston, Tex. Filed Nov. 22, 1926.



The trade-mark consists of a facsimile of the signature of applicant.

Particular description of goods.—Medicine Put Up in Liquid Form for the Treatment of Syphilis and Blood Troubles.

Claims use since Nov. 17, 1926.

Ser. No. 240,521. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) J. O. BLACKBURN, doing business as The Blackburn Packers, Lovelock, Nev. Filed Nov. 24, 1926.



No claim is made to the words "Beats All" shown in the drawing apart from the mark shown.

Particular description of goods.—General Cleanser for Household and Garage Use and Also for Use on Woodwork and Metals.

Claims use since June 10, 1926.

Ser. No. 240,522. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) S. BLICKMAN, INC., Weehawken, N. J. Filed Nov. 24, 1926.

"GYM JUNIOR"

Particular description of goods.—Exercising Devices—Namely, Spring and Weight Exercisers, Horizontal Bars, Rowing Machines, and Punching-Bag Supports.

Claims use since Nov. 8, 1926.

Ser. No. 240,533. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLGATE & COMPANY, Jersey City, N. J. Filed Nov. 24, 1926. Under 10-year proviso.

COLGATE

Particular description of goods.—Liquid and Powder Perfumes, Toilet Water, Talc Powder, Face Powder, Cold Creams, Dental Cream, Dental Powder, Liquid Dentifrices, Hair Tonics and Pomades, Shampoo Preparations, Face Lotions.

Claims use since 1858.

Ser. No. 240,659. (CLASS 15. OILS AND GREASES.) THE IRONSIDES COMPANY, Columbus, Ohio. Filed Nov. 27, 1926.



The crosshatching represents an orange color.

Particular description of goods.—Lubricating Oils and Greases and Special Lubricants for Various Industrial Purposes—Namely, Gear Lubricants, Auto Gear Lubricants, Tractor Gear Lubricants, Tractor Motor Oils, Cup Greases; Lubricants for Rope Fillers, Either Wire or Fiber; and Lubricants for Cam Plungers.

Claims use since September, 1920.

Ser. No. 240,674. (CLASS 38. PRINTS AND PUBLICATIONS.) MEADOW PRESS, INC., New York, N. Y. Filed Nov. 27, 1926.

The FIELD

Particular description of goods.—Monthly Magazine.

Claims use since January, 1913.

Ser. No. 240,699. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE CONNECTICUT TELEPHONE & ELECTRIC COMPANY, INCORPORATED, Meriden, Conn. Filed Nov. 29, 1926.

CETELITE

Particular description of goods.—Electric Insulating Compound.

Claims use since July 17, 1926.

Ser. No. 240,727. (CLASS 40. FANCY GOODS, FURNISHINGS, and NOTIONS.) LEO LAMMERTS, Aix-la-Chapelle, Germany. Filed Nov. 29, 1926.



Particular description of goods.—Hand Sewing Needles.

Claims use since April, 1876.

Ser. No. 240,795. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed Nov. 30, 1926.

KLYDONOGRAPH

Particular description of goods.—Instruments for Measuring and Recording Voltage Surges.

Claims use since July 1, 1926.

Ser. No. 240,796. (CLASS 7. CORDAGE.) JOHN AND EDWIN WRIGHT LIMITED, Birmingham, England. Filed Nov. 30, 1926.

KEYSTONE

Particular description of goods.—Standard Wire Cable (Not for Electrical Purposes).

Claims use since August, 1921.

Ser. No. 240,825. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MEYER & LANGE, INC., New York, N. Y. Filed Dec. 1, 1926.



The mark consists of the words "Grand Duke" and the picture of a fanciful grand duke. The figure of the man shown is fanciful.

Particular description of goods.—Canned Caviar.

Claims use since October, 1926.

Ser. No. 240,906. (CLASS 42. KNITTED, NETTED, AND TEXTILÆ FABRICS.) EVERETT NORFOLK COMPANY, Lebanon, N. H. Filed Dec. 3, 1926.

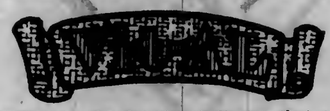
ALANDA-KNIT FABRICS

Applicant disclaims right to registration of the words "Knit" and "Fabrics."

Particular description of goods.—Woolen Piece Goods.

Claims use since Oct. 1, 1923.

Ser. No. 240,940. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE AMERICAN YEAST GUM COMPANY, Cleveland, Ohio. Filed Dec. 4, 1926.



The shading on the drawing indicates that the word "Vit-al" is red in color and that the scroll is yellow in color.

Particular description of goods.—Chewing Gum.

Claims use since Oct. 15, 1926.

Ser. No. 241,009. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FELIX TAUSEND, New York, N. Y. Filed Dec. 4, 1926.

PEGGY POINT

Particular description of goods.—Towels, Bedspreads, Mats, Face Cloths Made from Cotton, Silk, and Rayon Piece Goods and Combinations Thereof.
Claims use since August, 1926.

Ser. No. 241,053. (CLASS 38. PRINTS AND PUBLICATIONS.) WOODWARD HOLMES, Chicago, Ill. Filed Dec. 6, 1926.

"Speedy."

Particular description of goods.—Printed and Typed Magazine Articles and Other Writings.
Claims use since Nov. 1, 1926.

Ser. No. 241,059. (CLASS 10. FERTILIZERS.) WALTER E. LENK, doing business as Belmont Gardens, Belmont, Mass., and East Kingston, N. H. Filed Dec. 6, 1926.

MAPLEVALE LEAFMOLD

The word "Leafmold" is disclaimed apart from the mark shown.
Particular description of goods.—Fertilizer or Plant Food Consisting of Partially-Decayed Leaves.
Claims use since about June 7, 1926.

Ser. No. 241,061. (CLASS 39. CLOTHING.) THE MENIHAN COMPANY, Rochester, N. Y. Filed Dec. 6, 1926.

MODERN MAID
COLLEGIATE FOOTWEAR

The words "Collegiate Footwear" are disclaimed apart from the mark shown.
Particular description of goods.—Leather or Cloth Top Shoes and Pumps.
Claims use since Nov. 23, 1926.

Ser. No. 241,121. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) STOCKERT & CIE., Pforsheim, Germany. Filed Dec. 7, 1926.

ST.

Particular description of goods.—Articles of Jewelry for Personal Adornment, Not Including Watches of Precious and Nonprecious Material or Combinations Thereof.
Claims use since July, 1906.

Ser. No. 241,147. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ENZO JEL COMPANY, Sheboygan, Wis. Filed Dec. 8, 1926.

ENZO JEL

No claim is made to the term "Jel" apart from the mark as shown.
Particular description of goods.—Jelly Powders.
Claims use since Apr. 9, 1926.

Ser. No. 241,152. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RUTHERFORD B. HAYES GRADWOHL, doing business as Gradwohl Laboratories, St. Louis, Mo. Filed Dec. 8, 1926.

HORMO
DEHYDRATED
GRADWOHL LABORATORIES
3514 LUCAS AVENUE
ST LOUIS, MO.

The word "Dehydrated" and the address "3514 Lucas Avenue St. Louis, Mo." appearing on the drawing are disclaimed as a part of mark.
Particular description of goods.—Dehydrated Culture Media.
Claims use since June 1, 1926.

Ser. No. 241,203. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) KATHRYN M. DE BENEDICTIS, doing business as Bendo Manufacturing Co., San Jose, Calif. Filed Dec. 9, 1926.

BENDO

Particular description of goods.—Cleaning and Polishing Compound for Furniture, All Interior Woodwork, and Linoleum.
Claims use since Sept. 15, 1926.

Ser. No. 241,205. (CLASS 38. PRINTS AND PUBLICATIONS.) ERWIN ENNIS, doing business as Build a Home First Bureau, Newark, N. J. Filed Dec. 9, 1926.

BUILD A HOME FIRST MAGAZINE

No claim is made to the exclusive use of the word "Magazine" apart from the mark as shown in the drawing.
Particular description of goods.—Publication Appearing Occasionally During the Year, but Always Appearing Annually.
Claims use since about Oct. 30, 1926.

Ser. No. 241,242. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) JOHN HENRI RIPSTRA, Chicago, Ill. Filed Dec. 9, 1926.

RIPCUT

Particular description of goods.—Diesinking and Metal-Working Press Machinery—Namely, Intaglio and Embossing Implements, Die Cutters, Metal Formers and Die Presses for Medals, Medallions, Etc.; Fluted Cutting Tools—Namely, Burrs, Reamers, Countersinks, Etc.
Claims use since Oct. 27, 1926.

Ser. No. 241,289. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LEPEL IGNITION CORPORATION, New York, N. Y. Filed Dec. 10, 1926.

LEPEL

Particular description of goods.—Current Converters and Interrupters for Spark Plugs and Parts Thereof.
Claims use since April, 1925.

Ser. No. 241,312. (CLASS 39. CLOTHING.) ERNEST BANDLER, New York, N. Y. Filed Dec. 11, 1926.

REST BEST

Particular description of goods.—Leather Slippers.
Claims use since Dec. 1, 1926.

Ser. No. 241,313. (CLASS 38. PRINTS AND PUBLICATIONS.) BANK CREDITS TITLE COMPANY, Los Angeles, Calif. Filed Dec. 11, 1926.



All wording appearing on the drawing is disclaimed apart from the mark as shown.

Particular description of goods.—Bank Coupons.

Claims use since June 25, 1925.

Ser. No. 241,315. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE BRAY PRODUCTIONS, INC., New York, N. Y. Filed Dec. 11, 1926.

HOT DOG CARTOONS

No claim is made to the word "Cartoons" except in association with the mark as shown.

Particular description of goods.—Moving-Picture Films.

Claims use since Sept. 1, 1926.

Ser. No. 241,336. (CLASS 27. HOROLOGICAL INSTRUMENTS.) GEBRÜDER THIEL GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Ruhla, Thuringia, Germany. Filed Dec. 11, 1926.

Accuratic

Particular description of goods.—Watches and Parts Thereof.

Claims use since July 17, 1926.

Ser. No. 241,344. (CLASS 12. CONSTRUCTION MATERIALS.) MALM BROS. & CO., Lindsborg, Kans. Filed Dec. 11, 1926.



The words "Wall Felt" are disclaimed apart from the other features of the mark shown in the drawing.

Particular description of goods.—Wall Felt.

Claims use since Sept. 15, 1926.

Ser. No. 241,446. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) LUDWIG SKARUDA, Riverside, Ill. Filed Dec. 13, 1926.

THE ORIOLE

Particular description of goods.—Hair Bands Made of Celluloid or Like Material.

Claims use since Feb. 23, 1926.

Ser. No. 241,482. (CLASS 12. CONSTRUCTION MATERIALS.) THE HELLER BROS. CO., Youngstown, Ohio. Filed Dec. 14, 1926.



No claim is made to the word "Lumber" and the cross-hatching indicative of the color orange appearing in the drawing apart from the mark as shown.

Particular description of goods.—Lumber.

Claims use since Sept. 1, 1917.

Ser. No. 241,524. (CLASS 17. TOBACCO PRODUCTS.) ESTATE OF AUGUSTUS POLLACK, INC., Wheeling, W. Va. Filed Dec. 15, 1926.

Melo-Crowns

Particular description of goods.—Cigars.

Claims use since Dec. 2, 1926.

Ser. No. 241,527. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROGER W. GERARD, New York, N. Y. Filed Dec. 15, 1926.



No rights are asserted to the words "Sublime Italian Olive Oil—Packed in Italy" apart from the mark shown in the drawing.

Particular description of goods.—Olive Oil.

Claims use since Apr. 1, 1926.

Ser. No. 241,533. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH LATIN, doing business as Latin Manufacturing Co., Baltimore, Md. Filed Dec. 15, 1926.



Particular description of goods.—Hair Tonic.

Claims use since June 5, 1924.

Ser. No. 241,560. (CLASS 37. PAPER AND STATIONERY.) BRITTAINS, LIMITED, Cheddleton, near Leek, England. Filed Dec. 16, 1926.

TOROSUS

Particular description of goods.—Tissue Paper Generally, but More Particularly Those Adapted to be Made into Carbon Paper, Stereotyping Tissues, and Copying Tissues.

Claims use since Oct. 29, 1926.

Ser. No. 241,587. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SMITH, KLINE & FRENCH COMPANY, Philadelphia, Pa. Filed Dec. 16, 1926.

ESKAY

Particular description of goods.—Medicine for Diseases of the Nervous System.

Claims use since May 7, 1924.

Ser. No. 241,616. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GORDON, WOLF, COWEN CO. INC., New York, N. Y. Filed Dec. 17, 1926.

FIGONETS

Particular description of goods.—Fig Candy.

Claims use since Nov. 9, 1926.

Ser. No. 241,674. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) J. E. RHOADS & SONS, Philadelphia, Pa. Filed Dec. 18, 1926.



Particular description of goods.—Lug Straps, Loom Straps, Harness Straps, Picker Straps, Check Straps, Dobby Straps, and Beater Straps for Use on Textile Machinery.

Claims use since July 19, 1926, on lug straps; since Aug. 4, 1926, on loom straps; since July 22, 1926, on harness straps; since July 29, 1926, on picker straps; since July 26, 1926, on check straps; since July 26, 1926, on dobby straps; and since Aug. 7, 1926, on beater straps.

Ser. No. 241,675. (CLASS 39. CLOTHING.) J. E. RHOADS & SONS, Philadelphia, Pa. Filed Dec. 18, 1926.

TANNATE

Particular description of goods.—Whole Soles, Half Soles, and Hand Leathers Used in Handling Rough Materials.
Claims use since June 9, 1926, upon whole soles; since July 26, 1926, upon half soles; and since Aug. 11, 1926, upon hand leathers.

Ser. No. 241,677. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) BERNARD RICE'S SONS, INC., New York, N. Y. Filed Dec. 18, 1926.

Loraline

Particular description of goods.—Silver Hollow Ware.
Claims use since Dec. 12, 1926.

Ser. No. 241,683. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE STANDARD VACUUM CLEANER MANUFACTURING COMPANY, Cleveland, Ohio. Filed Dec. 18, 1926.

Keystone

Particular description of goods.—Electrically-Operated Suction Cleaners.
Claims use since May 28, 1926.

Ser. No. 241,689. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) ASSOCIATED SILVER COMPANY, Chicago, Ill. Filed Dec. 20, 1926.

SUPER STAINLESS

No claim is made to the word "Stainless."
Particular description of goods.—Silver-Plated Knives
Claims use since October, 1926.

Ser. No. 241,692. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROBERT W. BROWN, Norfolk, Va. Filed Dec. 20, 1926.



Particular description of goods.—Indigestion Cure.
Claims use since Oct. 19, 1926.

Ser. No. 241,708. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELSINORE PERFUME COMPANY, Brooklyn, N. Y. Filed Dec. 20, 1926.

Elsinore

Particular description of goods.—Deodorant Spray.
Claims use since May, 1924.

Ser. No. 241,791. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARL F. RUNCKEL, doing business as Runckel Laborantories, La Crosse, Wis. Filed Dec. 21, 1926.

Narcita

Particular description of goods.—Toilet Preparations and Cosmetics—Namely, Cleansing Cream, Brilliantine, Body Powder, Talcum Powder, Massage Cream, Shampoo, Nail Polish, and Nail and Skin Bleach.
Claims use since June 1, 1926.

Ser. No. 241,800. (CLASS 27. HOROLOGICAL INSTRUMENTS.) S. WEISSMAN COMPANY, INC., New York, N. Y. Filed Dec. 21, 1926.

DWELSA

Particular description of goods.—Watches.
Claims use since Oct. 15, 1924.

Ser. No. 241,812. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) DIRECT SELLING COMPANY OF AMERICA, Chicago, Ill. Filed Dec. 22, 1926.

FYR-FOYL

Particular description of goods.—Portable Hand Fire-Extinguishing Apparatus.
Claims use since Oct. 25, 1926.

Ser. No. 241,816. (CLASS 5. ADHESIVES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Dec. 22, 1926.



Particular description of goods.—Rubber Cement.
Claims use since 1914.

Ser. No. 241,832. (CLASS 10. FERTILIZERS.) THE NITRAGIN COMPANY, INC., Milwaukee, Wis. Filed Dec. 22, 1926.

"FEEDEM"

Particular description of goods.—Plant Food.
Claims use since latter part of November, 1926.

Ser. No. 241,852. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. M. ALBERSHEIM, Frankfort-on-the-Main, Germany. Filed Dec. 23, 1926.

Li

Particular description of goods.—Perfumery, Skin Cream, Tooth Paste, Hair Wash, Brilliantine, Pomade, Rouge, Liquid Cuticle Remover, Nail Powder, Nail Polish, Nail Whitening, and Cold Cream for Use After Shaving.
Claims use since October, 1925.

Ser. No. 241,870. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES T. COLLINS, South Bend, Ind. Filed Dec. 23, 1926.

O. BOY

Particular description of goods.—Pile and Erysipelas Relief.
Claims use since Oct. 20, 1926.

Ser. No. 241,876. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) DRIVER-HARRIS COMPANY, Harrison, N. J. Filed Dec. 23, 1926.

Comet

Particular description of goods.—Resistance Wire, Ribbon, Strips, and Rods.
Claims use since Jan. 3, 1917.

Ser. No. 241,900. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PENSACOLA CANDY CO., Pensacola, Fla. Filed Dec. 23, 1926.



No claim is made to the word "Brittle" apart from the mark as shown.
Particular description of goods.—Candy.
Claims use since about Dec. 6, 1926.

Ser. No. 241,908. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) SOUTH BEND BAIT CO., South Bend, Ind. Filed Dec. 23, 1926.



No claim is made to the exclusive use of the words "Fish and Feel Fit."
Particular description of goods.—Artificial Fishing Bait.
Claims use since about Oct. 15, 1926.

Ser. No. 241,942. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE V. GROSS, doing business as G. V. Gross Company, New York, N. Y. Filed Dec. 24, 1926.

C • N • P •

Particular description of goods.—Chemical Compound in Solid Form Used as a Disinfectant, Cleansing Agent, and Detergent.
Claims use since Nov. 16, 1926.

Ser. No. 241,943. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) F. J. HAGERLING, St. Louis, Mo. Filed Dec. 24, 1926.

"Thunderbolt"

Particular description of goods.—Boots for the Repair of Tires.
Claims use since on or about Feb. 1, 1926.

Ser. No. 241,944. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) F. J. HAGERLING, St. Louis, Mo. Filed Dec. 24, 1926.

THUNDERBOLT

Particular description of goods.—Metal Polish.
Claims use since on or about Oct. 15, 1926.

Ser. No. 241,976. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) YVETTE CO., New York, N. Y. Filed Dec. 24, 1926.



Applicant disclaims all wording shown on the drawing apart from the mark as shown. Illustration of the human head is fanciful and is not that of any particular individual.
Particular description of goods.—Toilet Preparation Used in Dressing the Hair.
Claims use since Dec. 20, 1926.

Ser. No. 241,986. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHICAGO MACARONI CO., Chicago, Ill. Filed Dec. 27, 1926.



The words "Quality," "Uniformity" and "Purity" do not form a part of the registration sought apart from the mark shown in the drawing.
Particular description of goods.—Alimentary Products—Namely, Macaroni.
Claims use since Feb. 25, 1926.

Ser. No. 241,987. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CLIFFORD MANUFACTURING CO., Boston and South Boston, Mass. Filed Dec. 27, 1926.

HYDRON

Particular description of goods.—Metallic Bellows for Temperature and Pressure Controlled Apparatus, Pumps, and Liquid and Gas Tight Seals for Pumps and Similar Apparatus.
Claims use since about Dec. 1, 1926.

Ser. No. 242,002. (CLASS 12. CONSTRUCTION MATERIALS.) HEAT SEALING KANT-BURN COMPANY, Chicago, Ill. Filed Dec. 27, 1926.

OH CHIEF

Particular description of goods.—Refractory Cement.
Claims use since June 17, 1926.

Ser. No. 242,003. (CLASS 12. CONSTRUCTION MATERIALS.) HEAT SEALING KANT-BURN COMPANY, Chicago, Ill. Filed Dec. 27, 1926.

Sta-Put

Particular description of goods.—Refractory Cement.
Claims use since May 19, 1926.

Ser. No. 242,021. (CLASS 37. PAPER AND STATIONERY.) THE PERKINS GOODWIN COMPANY, New York, N. Y. Filed Dec. 27, 1926.

MELTOPLATE

Particular description of goods.—Book and Printing Paper.
Claims use since Oct. 1, 1925.

Ser. No. 242,063. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LUXOR RADIO CORPORATION, New York, N. Y. Filed Dec. 28, 1926.

Luxor

Particular description of goods.—Radio Receiving Sets and Parts Thereof and Loud Speakers.
Claims use since Apr. 27, 1925.

Ser. No. 242,079. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VALENTIN BLATZ BREWING COMPANY, doing business as Val. Blatz Brewing Company, Milwaukee, Wis. Filed Dec. 29, 1926.



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Dec. 20, 1920.

Ser. No. 242,085. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CHICAGO FLEXIBLE SHAFT COMPANY, Chicago, Ill. Filed Dec. 29, 1926.

COMET

Particular description of goods.—Electric Flatirons.
Claims use since Dec. 1, 1923.

Ser. No. 242,089. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CHICAGO FLEXIBLE SHAFT COMPANY, Chicago, Ill. Filed Dec. 29, 1926.

Stewart

The mark is a facsimile of the signature of the founder and first president of corporation.
Particular description of goods.—Electric Flatirons.
Claims use since 1918.

Ser. No. 242,090. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CHICAGO FLEXIBLE SHAFT COMPANY, Chicago, Ill. Filed Dec. 29, 1926.

The Colonial

Particular description of goods.—Electric Flatirons.
Claims use since May 8, 1925.

Ser. No. 242,131. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDWARD H. JACOB, doing business as E. H. Jacob, Green Hill Mushroom Farms and Oakbourne Mushroom Farms, West Chester, Pa. Filed Dec. 29, 1926.



No claim is made to the word "Brand" apart from the mark as shown, and no claim is made to any particular color for the mark, the hatching being merely indicative of shade.
Particular description of goods.—Canned Mushrooms.
Claims use since Dec. 1, 1923.

Ser. No. 242,165. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CHARLES F. BAKER & CO. INC., Boston, Mass. Filed Dec. 30, 1926.



The drawing is lined for yellowish orange.
Particular description of goods.—Shoe Nails.
Claims use since December, 1925.

Ser. No. 242,204. (CLASS 39. CLOTHING.) NIAGARA KNITTING CO., INC., New York, N. Y. Filed Dec. 30, 1926.

LITTLE MISS TRUDY

Particular description of goods.—Bathing Suits.
Claims use since Nov. 29, 1926.

Ser. No. 242,251. (CLASS 39. CLOTHING.) PECK & PECK, New York, N. Y. Filed Dec. 31, 1926.

FIESTA

Particular description of goods.—Hosiery.
Claims use since Nov. 1, 1926.

Ser. No. 242,253. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE PEROLIN COMPANY OF AMERICA, Chicago, Ill. Filed Dec. 31, 1926.

BOILER SCALE SOLVENT
P-K
BRAND

Applicant disclaims the words "Boilers," "Scale Solvent," and "Brand" apart from the mark as shown in the drawing.
Particular description of goods.—Boiler Compound.
Claims use since July 1, 1922.

Ser. No. 242,264. (CLASS 39. CLOTHING.) WILSON-COLLIER CO. INC., Boston, Mass. Filed Dec. 31, 1926.



Particular description of goods.—Children's Dresses, Rompers, and Boys' Suits.
Claims use since Aug. 15, 1921.

Ser. No. 242,266. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) A-B STOVE COMPANY, Battle Creek, Mich. Filed Jan. 3, 1927.

Sanitop

Particular description of goods.—Combined Coal and Gas Ranges.
Claims use since Nov. 9, 1925.

Ser. No. 242,274. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) BISSELL CARPET SWEEPER COMPANY, Grand Rapids, Mich. Filed Jan. 3, 1927. Under 10-year proviso.

BROOM ACTION

Particular description of goods.—Mechanical Carpet Sweepers.
Claims use since January, 1886.

Ser. No. 242,279. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE CHATTANOOGA MEDICINE COMPANY, Chattanooga, Tenn. Filed Jan. 3, 1927.



Particular description of goods.—Medicine for Female Diseases.
Claims use since prior to 1880.

Ser. No. 242,291. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE GREAT ATLANTIC & PACIFIC TEA CO., Jersey City, N. J. Filed Jan. 3, 1927.

DAIRY-MAID

Particular description of goods.—Bread.
Claims use since June 11, 1923.

Ser. No. 242,337. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RICHARD HUDNUT, New York, N. Y. Filed Jan. 4, 1927.

DEAUVILLE
PERFUME PATS

No registration rights are claimed for the words "Perfume Pats" apart from the mark shown in the drawing. Applicant is the owner of registrations Nos. 179,479 and 181,335.
Particular description of goods.—Perfume in a Concentrated or Solid Form Having a Higher Percentage of Essential Oils Than is Found in Liquid Perfume.
Claims use since Nov. 26, 1926.

Ser. No. 242,340. (CLASS 39. CLOTHING.) INTERWOVEN STOCKING COMPANY, New Brunswick, N. J. Filed Jan. 4, 1927.

IN-WOV-IN

Particular description of goods.—Hosiery.
Claims use since Dec. 15, 1926.

Ser. No. 242,352. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RIO GRANDE VALLEY DAIRY ASSOCIATION, El Paso, Tex. Filed Jan. 4, 1927.

DESERT GOLD

The drawing is lined for shading only.
Particular description of goods.—Ice Cream, Whipping Cream, Butter, and Eggs.
Claims use since Jan. 1, 1923.

Ser. No. 242,371. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) GENERAL MOTORS CORPORATION, Detroit, Mich. Filed Jan. 5, 1927.



Color is not involved in the mark, and the shading appearing on the drawing is intended as surface shading and indicates merely contrasting portions of the surface thereof.
Particular description of goods.—Automobiles.
Claims use since Aug. 7, 1926.

Ser. No. 242,372. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH M. GAIES, Battle Mountain, Nev. Filed Jan. 5, 1927.

Bee Sweet

Particular description of goods.—Laxative Chewing Gum.
Claims use since March, 1926.

Ser. No. 242,383. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MASON ALFALFA PROCESS COMPANY, Philadelphia, Pa. Filed Jan. 5, 1927.

MASONIZED

Particular description of goods.—Hays and Ground Feeds.
Claims use since Dec. 1, 1926.

Ser. No. 242,391. (CLASS 11. INKS AND INKING MATERIALS.) HOMER W. PALMER & COMPANY, Chicago, Ill. Filed Jan. 5, 1927.

H·P·

Particular description of goods.—Drying Composition for Printing Ink.
Claims use since Dec. 18, 1923.

Ser. No. 242,398. (CLASS 11. INKS AND INKING MATERIALS.) THE SPENCERIAN PEN COMPANY, New York, N. Y. Filed Jan. 5, 1927.

SPENCERIAN

Particular description of goods.—Writing Ink.
Claims use since 1885.

Ser. No. 242,400. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) UNIVERSAL YEAST CORPORATION, Astoria and Brooklyn, N. Y. Filed Jan. 5, 1927.

UNIVERSAL YEAST

The word "Yeast" is disclaimed apart from the mark as shown in the drawing. The lining is for shading only.
Particular description of goods.—Yeast.
Claims use since Sept. 15, 1926.

Ser. No. 242,421. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Jan. 6, 1927.

Forstella

Particular description of goods.—Woolen Piece Goods.
Claims use since Nov. 15, 1926.

Ser. No. 242,431. (CLASS 37. PAPER AND STATIONERY.) WILLIAM A. HERMANSON, Boston, Mass. Filed Jan. 6, 1927.

FOREST FLEECE

Particular description of goods.—Paper Manufactured of Wood Pulp for Use as Paper Box Padding and Paper Candy Padding.
Claims use since Jan. 3, 1927.

Ser. No. 242,445. (CLASS 25. LOCKS AND SAFES.) JOHN Q. SHERMAN, doing business as The Travelsafe Company, Dayton, Ohio. Filed Jan. 6, 1927.

TRAVELOCKS

Particular description of goods.—Locks.
Claims use since July 1, 1925.

Ser. No. 242,517. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EMILIE BARNEY, Paris, France. Filed Jan. 8, 1927.

CAPILLEXTRA

Particular description of goods.—Preparation for the Hair.
Claims use since November, 1924.

Ser. No. 242,518. (CLASS 39. CLOTHING.) BEAR BRAND HOSIERY CO., Chicago, Ill. Filed Jan. 8, 1927.

SANDMAN

Particular description of goods.—Textile Articles—Namely, Hosiery.
Claims use since Dec. 31, 1926.

Ser. No. 242,556. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) TRAVEL-SUDS COMPANY, INC., New York, N. Y. Filed Jan. 8, 1927.

TRAVEL-SUDS

Particular description of goods.—Soap.
Claims use since on or about Dec. 1, 1926.

Ser. No. 242,574. (CLASS 39. CLOTHING.) DAISY WHITEHEAD KNITTING CO., New York, N. Y. Filed Jan. 10, 1927.

Pro-Long

Particular description of goods.—Hosiery.
Claims use since Aug. 20, 1926.

Ser. No. 242,586. (CLASS 39. CLOTHING.) HARLIN & WILLIAMS, Nashville, Tenn. Filed Jan. 10, 1927.



Particular description of goods.—Overalls and Work Shirts.
Claims use since 1924.

Ser. No. 242,670. (CLASS 39. CLOTHING.) ANTHONY KOSS, New York, N. Y. Filed Jan. 11, 1927.

Lalla Rookh

"Lalla Rookh."
Particular description of goods.—Hosiery.
Claims use since Oct. 1, 1926.

Ser. No. 242,690. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Jan. 11, 1927.

PENAFOAM

Particular description of goods.—Toilet and Bath Soaps.
Claims use since Dec. 9, 1926.

Ser. No. 242,701. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ANGLETON FIG COMPANY, Angleton, Tex. Filed Jan. 12, 1927.

FIGNOLIAS

Particular description of goods.—Confection—Namely, Candied Figs.
Claims use since September, 1925.

Ser. No. 242,708. (CLASS 39. CLOTHING.) COLTER & BERNIE, INC., New York, N. Y. Filed Jan. 12, 1927.

Frostyme

Particular description of goods.—Knit Goods—Namely, Hosiery and Underwear.
Claims use since Nov. 15, 1926.

Ser. No. 242,785. (CLASS 45. BEVERAGES, NONALCOHOLIC.) SAM. A. JESSUP, doing business as Virginia Pepsi Cola Co., Charlottesville, Va. Filed Jan. 13, 1927.

STAR BOYS

"Star Boys."
Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks.
Claims use since Dec. 26, 1926.

Ser. No. 242,797. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) PYRENE MANUFACTURING COMPANY, Newark, N. J. Filed Jan. 13, 1927.

Pyrene

Particular description of goods.—Acid Siphons.
Claims use since March, 1925.

Ser. No. 242,831. (CLASS 45. BEVERAGES, NONALCOHOLIC.) HENRY-BROWN COMPANY, INC., doing business as Charles B. Pohr, Glendale, Calif. Filed Jan. 14, 1927.

RUF-AMBER

Particular description of goods.—Nonalcoholic, Maltless Beverages Used as Soft Drinks; Extracts, Concentrates, and Sirups for the Use of Bottlers and at Soda Fountains.
Claims use since Feb. 1, 1926.

Ser. No. 242,832. (CLASS 45. BEVERAGES, NONALCOHOLIC.) HOTEL SHERMAN CO., Chicago, Ill. Filed Jan. 14, 1927.

COLLEGE INN

Particular description of goods.—Ginger Ale.
Claims use since May 1, 1916.

Ser. No. 242,891. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JAS. G. JOHNSON & CO., New York, N. Y. Filed Jan. 15, 1927.

"Queen Beth Crepe"

No registration rights are claimed in the word "Crepe" except in association with the other features of the mark.
Particular description of goods.—All-Silk Crepe in the Piece.
Claims use since June 9, 1926.

Ser. No. 242,939. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BERNARD H. KAMMEN, Honolulu, Territory of Hawaii. Filed Jan. 17, 1927.

MALOLO

Particular description of goods.—Coffee.
Claims use since Oct. 1, 1926.

Ser. No. 243,148. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Jan. 21, 1927.

Time to Re-tire?

Particular description of goods.—Tire Patches, Tube Patches, Tire-Repair Kits, Sectional Air Bags for Tire Repairing, and Valve Pads.
Claims use since 1914.

Ser. No. 243,175. (CLASS 7. CORDAGE.) SCHERMERHORN BROS. CO., Chicago, Ill. Filed Jan. 21, 1927.

HARVEST KING

Particular description of goods.—Twine, Rope, String, and Cordage Made of Vegetable Fiber.
Claims use since October, 1923.

Ser. No. 243,268. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GUARANTEED MACHINE COMPANY, Seattle, Wash. Filed Jan. 24, 1927.



Particular description of goods.—Woodworking-Machinery Knives.
Claims use since May 1, 1925.

Ser. No. 243,286. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SALINAS LAND COMPANY, King City, Calif. Filed Jan. 24, 1927.

SALANCO

Particular description of goods.—Fresh Vegetables.
Claims use since Oct. 18, 1926.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

MARCH 1, 1927.

224,433. SOAPS—NAMELY, SOAPS IN CAKE FORM, SOAP PASTES, AND SOAP POWDERS. PARFUMERIE ROGER ET GALLET, Paris, France.
Filed September 28, 1926. Serial No. 237,872. PUBLISHED DECEMBER 7, 1926.

224,434. SOAPS—NAMELY, SOAPS IN CAKE FORM, SOAP PASTES, AND SOAP POWDERS. PARFUMERIE ROGER ET GALLET, Paris, France.
Filed September 28, 1926. Serial No. 237,874. PUBLISHED DECEMBER 7, 1926.

224,435. TEA. UNITED COFFEE CORP., San Francisco, Calif.
Filed September 28, 1926. Serial No. 237,882. PUBLISHED DECEMBER 7, 1926.

224,436. FACE CREAM. FLOREINE BENEDICTINE PERFUMERY CO. INC., New York, N. Y.
Filed September 29, 1926. Serial No. 237,902. PUBLISHED DECEMBER 7, 1926.

224,437. FRESH APPLES. WILLIAM JOSEPH, doing business as W. Joseph Company, New York, N. Y.
Filed September 29, 1926. Serial No. 237,912. PUBLISHED DECEMBER 14, 1926.

224,438. MEDICINE FOR EXTERNAL USE FOR HEADACHE, TOOTHACHE, NEURALGIA, ACHING JOINTS, SPRAINS, BRUISES, AND RHEUMATISM. D. M. MALLOY & SONS, Cleveland, Ohio.
Filed September 29, 1926. Serial No. 237,915. PUBLISHED NOVEMBER 30, 1926.

224,439. CANDY BAR. BUR-BEE CANDY CO., Walla Walla, Washington.
Filed September 30, 1926. Serial No. 237,939. PUBLISHED NOVEMBER 30, 1926.

224,440. LIQUID SHAMPOO. WESTERN MEAT COMPANY, South San Francisco, Calif.
Filed September 23, 1926. Serial No. 237,636. PUBLISHED DECEMBER 7, 1926.

224,441. BANDEAUX MADE OF COMPOSITION MATERIAL FOR THE HAIR. DU PONT VISCOLOID COMPANY, INC., Arlington, N. J., and New York, N. Y.
Filed September 23, 1926. Serial No. 237,597. PUBLISHED NOVEMBER 30, 1926.

224,442. PULP MADE OF GROUND, PULVERIZED, AND POWDERED AND PREPARED MATERIALS FOR USE AS A FILLER FOR AND IN THE PREPARATION AND MAKING OF VARNISH, PAINT, WALL TINTS, CALCIMINE, PAPER, RUBBER, SOAP, AND WOOD FILLER. UNION TALC COMPANY OF GOUVERNEUR, New York and Gouverneur, N. Y.
Filed September 21, 1926. Serial No. 237,519. PUBLISHED NOVEMBER 16, 1926.

224,443. MOTION-PICTURE FILMS SHOWING SKETCHES, DRAWINGS, AND PHOTOGRAPHS. JULIAN OLLENDORFF, New York, N. Y.
Filed September 21, 1926. Serial No. 237,509. PUBLISHED DECEMBER 7, 1926.

224,444. ASTHMA MEDICINE. LOUIS KOZIK, Three Rivers, Mass.
Filed September 21, 1926. Serial No. 237,507. PUBLISHED DECEMBER 7, 1926.

224,445. LADIES' SLIPPERS CONSTRUCTED OF LEATHERS, FABRICS, RUBBER, IMITATION LEATHERS, AND METAL CLOTHS OR OF A COMBINATION OF THESE MATERIALS OR OF THE COMBINATION OF PART OF SUCH MATERIALS. LOUIS CRISTOL, doing business as Boston Shoe Store, San Antonio, Tex.
Filed September 21, 1926. Serial No. 237,493. PUBLISHED DECEMBER 7, 1926.

224,446. COLD-WATER PASTE. KNEFLER-BATES MANUFACTURING COMPANY, Indianapolis, Ind.
Filed September 20, 1926. Serial No. 237,459. PUBLISHED DECEMBER 7, 1926.

224,447. ABSORBENT COTTON, ABSORBENT GAUZE, AND SANITARY NAPKINS. THE U. S. ASEPTIC SUPPLY SERVICE, INC., New York, N. Y.
Filed September 18, 1926. Serial No. 237,428. PUBLISHED DECEMBER 14, 1926.

224,448. CANDY BARS. RICHMOND CANDY COMPANY, Chicago, Ill., and Lincoln, Nebr.
Filed September 17, 1926. Serial No. 237,388. PUBLISHED DECEMBER 14, 1926.

224,449. WOOLEN AND WORSTED PIECE GOODS. DUNN WORSTED MILLS, Woonsocket, R. I.
Filed September 17, 1926. Serial No. 237,361. PUBLISHED DECEMBER 14, 1926.

224,450. FOOD PRODUCTS IN DRY FORM WITH A MILK BASE—NAMELY, PLAIN MILK SHAKE, CHOCOLATE MILK SHAKE, INFANTS' FOOD, DRY PROTEIN MILK, DRY FULL-CREAM MILK, DRY SKIMMED MILK, AND PREPARED CHOCOLATE, THE LAST A MILK-POWDER COCOA SUGAR PREPARATION FOR MAKING A CHOCOLATE BEVERAGE. THE BLUE RIDGE COMPANY, Elkins and Morgantown, W. Va.
Filed September 17, 1926. Serial No. 237,355. PUBLISHED DECEMBER 7, 1926.

224,451. WOMEN'S UNDERCLOTHING OF KNITTED OR TEXTILE FABRIC, INCLUDING CORSETS, BRASSIÈRES, VESTS, BLOOMERS, STEP-INS, SKIRTS, AND PETTICOATS. THE WARNER BROTHERS COMPANY, Bridgeport, Conn.
Filed September 16, 1926. Serial No. 237,346. PUBLISHED DECEMBER 7, 1926.

224,452. A METALLIC ALLOY. WESTERN ELECTRIC COMPANY, INCORPORATED, New York, N. Y.
Filed September 15, 1926. Serial No. 237,300. PUBLISHED DECEMBER 7, 1926.

224,453. GASOLINE. BEACON OIL COMPANY, Boston, Mass.
Filed September 14, 1926. Serial No. 237,219. PUBLISHED NOVEMBER 30, 1926.

224,454. CLEANING COMPOUND, A PREPARATION TO BE USED FOR GENERAL HOUSEHOLD AND INDUSTRIAL CLEANING PURPOSES. UZME, INC., Denver, Colo.
Filed September 13, 1926. Serial No. 237,207. PUBLISHED DECEMBER 7, 1926.

224,455. GOLF BALLS, GOLF CLUBS, WOOD OR IRON; GOLF BAGS, GOLF TEES MADE FROM WOOD OR RUBBER, GOLF-CLUB-HANDLE COVERS, AND GOLF CLUB GRIPS. THE NORTH BRITISH RUBBER CO. LTD., Toronto, Ontario, Canada.
Filed September 11, 1926. Serial No. 237,129. PUBLISHED DECEMBER 21, 1926.

224,456. VERTICAL-CABINET FOLDERS, ALPHABETICAL-INDEX INSERTS, AND HAND-OPERATED PERFORATORS FOR PAPER. THE COOKE & COBB COMPANY, Brooklyn, N. Y.
Filed September 10, 1926. Serial No. 237,066. PUBLISHED DECEMBER 7, 1926.

224,457. READY-MIXED PAINTS AND PASTE PAINTS. JOHNSON MCKIM JOHNSON CO., Linden, N. J.
Filed September 9, 1926. Serial No. 237,032. PUBLISHED NOVEMBER 23, 1926.

224,458. LADIES' HATS AND HAT LININGS. RUDOLPH BELTH, New York, N. Y.
Filed September 9, 1926. Serial No. 237,014. PUBLISHED DECEMBER 7, 1926.

224,459. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME, CIDER, AND GINGER ALE. WENATCHEE BOTTLING WORKS, Wenatchee, Wash.
Filed March 13, 1926. Serial No. 228,630. PUBLISHED NOVEMBER 30, 1926.

224,460. FRETTED STRINGED MUSICAL INSTRUMENTS. TONK BROS. COMPANY, Chicago, Ill.
Filed February 19, 1926. Serial No. 227,541. PUBLISHED DECEMBER 14, 1926.

224,461. CHILE PREPARATION IN POWDERED FORM FOR SEASONING MEATS, GRAVIES, HASH, SOUPS, STEWS, AND COOKED VEGETABLES AND FOR MAKING CHILE CON CARNE, CHILE DE FRIJOLES, AND CHILE COLOROW. ARTHUR L. PENDERY, doing business as Mexican Chile Supply Company, Fort Worth, Tex.
Filed February 19, 1926. Serial No. 227,534. PUBLISHED DECEMBER 7, 1926.

224,462. CEMENT AND PORTLAND CEMENT. ONODA CEMENT CO. LTD., Yamaguchi-Ken, Japan.
Filed January 27, 1926. Serial No. 226,506. PUBLISHED NOVEMBER 9, 1926.

224,463. CEMENT AND PORTLAND CEMENT. ONODA CEMENT CO. LTD., Yamaguchi-Ken, Japan.
Filed January 27, 1926. Serial No. 226,505. PUBLISHED NOVEMBER 9, 1926.

224,464. WOVEN PADDING. L. H. GILMER CO., Tacony, Philadelphia, Pa.
Filed June 21, 1926. Serial No. 233,541. PUBLISHED NOVEMBER 30, 1926.

224,465. MEN'S, WOMEN'S, AND CHILDREN'S KID GLOVES. SOL. A. ROTHSCHILD COMPANY, INC., Chicago, Ill.
Filed June 9, 1926. Serial No. 232,946. PUBLISHED DECEMBER 14, 1926.

224,466. EXPERIMENTAL AND SPECIAL MACHINERY. WILLIAM F. ERRIO, doing business as Peco Manufacturing Co., Philadelphia, Pa.
Filed June 9, 1926. Serial No. 232,916. PUBLISHED DECEMBER 14, 1926.

224,467. FLOOR WAX, LIQUID FLOOR WAX, FRENCH FLOOR DRESSING, FURNITURE POLISH, AND AUTOMOBILE POLISH. BASIC SANITARY PRODUCTS CO. INC., Chicago, Ill.
Filed June 5, 1926. Serial No. 232,750. PUBLISHED NOVEMBER 23, 1926.

224,468. PHONOGRAPHS, PHONOGRAPH PARTS AND ACCESSORIES AND REPAIR PARTS. JAMES K. POLK, INCORPORATED, Richmond, Va.
Filed June 4, 1926. Serial No. 232,739. PUBLISHED DECEMBER 14, 1926.

224,469. MACHINERY PACKINGS. METALASTIC INC., Jersey City, N. J.
Filed June 3, 1926. Serial No. 232,685. PUBLISHED DECEMBER 14, 1926.

224,470. FORGINGS. KROPP FORGE COMPANY, Chicago, Ill.
Filed June 3, 1926. Serial No. 232,682. PUBLISHED DECEMBER 14, 1926.

224,471. CANNED TOMATOES. A. E. WANT & Co., Fort Worth, Tex.
Filed May 28, 1926. Serial No. 232,439. PUBLISHED DECEMBER 14, 1926.

224,472. CHILDREN'S SHOES AND SLIPPERS OF LEATHER, OF LEATHER AND FABRIC, AND OF LEATHER, FABRIC, AND RUBBER. DOBYNS' FOOTWEAR INC., Long Beach, Calif.
Filed May 26, 1926. Serial No. 232,263. PUBLISHED DECEMBER 14, 1926.

224,473. MEN'S SHOES AND SLIPPERS OF LEATHER, OF LEATHER AND FABRIC, AND OF LEATHER, FABRIC, AND RUBBER. DOBYNS' FOOTWEAR INC., Long Beach, Calif.
Filed May 26, 1926. Serial No. 232,262. PUBLISHED DECEMBER 14, 1926.

224,474. LADDERS, STEPLADDERS, SCAFFOLDINGS, AND STAGES. AMERICAN LADDER CO., Chicago, Ill.
Filed May 21, 1926. Serial No. 231,967. PUBLISHED NOVEMBER 23, 1926.

224,475. REMEDY USED INTERNALLY FOR SEASICKNESS AND OTHER DISORDERS AND DISEASES ORIGINATING IN THE STOMACH, FOR THE TREATMENT OF SCURVY AND ITS ATTENDANT EVILS, SUCH AS LOOSENING OF THE TEETH, ULCERATED GUMS, BAD BREATH, THRUSH, AND BLEEDING, AND USED EXTERNALLY FOR WOUNDS, FISTULA, ABSCESSES, RASHES, INFLAMED EYES, EARACHE, BLEEDING FROM THE NOSE, AND TOOTHACHE. MAX ZELLER SÖHNE, Romanshorn, Switzerland.
Filed May 19, 1926. Serial No. 231,892. PUBLISHED DECEMBER 7, 1926.

224,476. WATER COOLERS AND OTHER VESSELS CONTAINING RADIOACTIVE ORE AND ADAPTED TO PRODUCE RADIOACTIVE EMANATIONS TO BE IMPARTED TO DRINKING WATER, CARTRIDGES OF RADIOACTIVE ORE FOR INSERTION IN WATER CONTAINERS FOR THE SAME PURPOSE, AND THERAPY PADS CONTAINING RADIOACTIVE ORE. RAYHEALTH LABORATORIES, Oakland, Calif.
Filed April 27, 1926. Serial No. 230,801. PUBLISHED DECEMBER 14, 1926.

224,477. BUTTER, EGGS, CHEESE, AND DRESSED POULTRY. HOLLAND BUTTER COMPANY, Chicago, Ill.
Filed April 20, 1926. Serial No. 230,449. PUBLISHED DECEMBER 7, 1926.

224,478. CELLULOID SHOE BUCKLES, CELLULOID BUTTONHOOKS, CELLULOID GLOVE STRETCHERS, CELLULOID CUFF BUTTONS, CELLULOID LINGERIE CLASPS, CELLULOID JEWELRY, AND CELLULOID TOILET SETS COMPRISING COMBS, MIRRORS, HAIRBRUSHES, CLOTHES BRUSHES, POWDER BOXES, PUFF BOXES, SHOEHORNS, BUTTONHOOKS, NAIL FILES, CUTICLE REMOVERS, BUFFERS, CREAM JARS, SALVE JARS, JEWELRY CASES, CLOCKS, PERFUME BOTTLE HOLDERS, AND ATOMIZERS. NEWARK TORTOISE SHELL NOVELTY CO., Newark, N. J.
Filed April 14, 1926. Serial No. 230,183. PUBLISHED DECEMBER 14, 1926.

224,479. WATER WAVERS FOR CURLING AND FORMING HAIR. MARY HAMILTON, doing business as Gay-Marr Co. Not Inc., Chicago, Ill.
Filed February 19, 1926. Serial No. 227,516. PUBLISHED DECEMBER 7, 1926.

224,480. HATS FOR THE USE OF MEN, WOMEN, AND CHILDREN, HAT LININGS, HAT FRAMES, AND SWEAT BANDS. FRATELLI ANDREI, Lastra A Signa, Florence, Italy.
Filed February 12, 1926. Serial No. 227,214. PUBLISHED OCTOBER 12, 1926.

224,481. BARLEY-MALT EXTRACTS FOR BEVERAGE PURPOSES. ROME BROS, Bridgeport, Conn.
Filed February 9, 1926. Serial No. 227,086. PUBLISHED NOVEMBER 30, 1926.

224,482. TUBES CONTAINING ARTISTS' WATER COLORS AND ARTISTS' PAINTS AND OILS. THEODORE DANIELS, New York, N. Y.
Filed February 6, 1926. Serial No. 226,947. PUBLISHED DECEMBER 7, 1926.

224,483. MACHINES FOR THE REPRODUCTION BY PROJECTION ON A SCREEN OF LETTERS, WORDS, FIGURES, PICTURES, OR OTHER REPRESENTATIONS PRODUCED BY ANY TYPE OF PRINTING MACHINE. TRANS LUX DAYLIGHT PICTURE SCREEN CORPORATION, New York, N. Y.
Filed February 2, 1926. Serial No. 226,791. PUBLISHED DECEMBER 14, 1926.

224,484. SAFETY PROTECTION CLOTHING—NAMELY, APRONS, BLANKETS, GLOVES, HELMETS, HOODS, SHOES, LEGGINGS, SLEEVES, SUITS, OILSKIN CLOTHING, COATS, BOOTS, BOOTEES, SPATS, AND OVERALLS. INDUSTRIAL PRODUCTS COMPANY, Philadelphia, Pa.
Filed April 6, 1926. Serial No. 229,739. PUBLISHED DECEMBER 14, 1926.

224,485. WOMEN'S CORSETS, UNDERWEAR OF KNITTED AND TEXTILE FABRICS, NEGLIGEES, PYJAMAS, AND BATH ROBES. HOCHSCHILD, KOHN & Co., INC., Baltimore, Md.
Filed September 30, 1926. Serial No. 237,959. PUBLISHED DECEMBER 14, 1926.

224,486. LADIES' NECKWEAR—NAMELY, LACE, SILK, AND LINEN COLLARS AND VESTEES. KADET, KRUGER & COMPANY, Chicago, Ill.
Filed September 30, 1926. Serial No. 237,963. PUBLISHED DECEMBER 14, 1926.

224,487. LADIES' NECKWEAR—NAMELY, LACE, SILK, AND LINEN COLLARS AND VESTEES. KADET, KRUGER & COMPANY, Chicago, Ill.
Filed September 30, 1926. Serial No. 237,964. PUBLISHED DECEMBER 14, 1926.

224,488. CHILDREN'S BLOOMERS. LA MODE GARMENT Co., Chicago, Ill.
Filed September 30, 1926. Serial No. 237,967. PUBLISHED DECEMBER 14, 1926.

224,489. LIQUID CHEMICAL COMPOUND DESIGNED TO FACILITATE THE TRANSFERENCE TO TEXTILE FABRICS OF WATER-COLOR DESIGNS PRINTED ON WALL PAPER. EVA D. MURRAY, doing business as Murray Company, Bloomington, Ill.
Filed September 30, 1926. Serial No. 237,974. PUBLISHED DECEMBER 7, 1926.

224,490. NARROW WOVEN AND BRAIDED ELASTICS. THE NARROW FABRIC Co., Reading and West Reading, Pa.
Filed September 30, 1926. Serial No. 237,975. PUBLISHED DECEMBER 7, 1926.

224,491. DRY, PASTE, AND READY-MIXED PAINTS, VARNISHES, PAINT ENAMELS, OILS USED FOR MIXING PAINT, OILS USED FOR FINISHING FLOORS, WOODWORK, FURNITURE, ETC. J. N. ADAM & Co., Buffalo, N. Y.
Filed September 24, 1926. Serial No. 237,643. PUBLISHED NOVEMBER 23, 1926.

224,492. EDUCATIONAL TEXTS IN POCKET CARD FORM. CHICAGO ENGINEERING WORKS INC., Chicago, Ill.
Filed September 24, 1926. Serial No. 237,653. PUBLISHED NOVEMBER 23, 1926.

224,493. DRESSES, CAPES, WOMEN'S COATS AND SUITS, BLOUSES, SKIRTS, JACKETS, WOMEN'S HATS, AND NECKWEAR CONSISTING OF FICHUS, GUIMPES, JABOTS, RUFFS, AND STOLES. LORD & TAYLOR, New York, N. Y.
Filed September 24, 1926. Serial No. 237,675. PUBLISHED DECEMBER 7, 1926.

224,494. FISHHOOKS, ARTIFICIAL FLIES, ARTIFICIAL BAITS INCLUDING SPOONS AND SPINNERS, RODS, REELS, FLOATS; SWIVELS, LINES, SILKWORM GUT, AND GUT LINES. HENRY MILWARD & SONS, LIMITED, Redditch, England.
Filed September 25, 1926. Serial No. 237,745. PUBLISHED DECEMBER 7, 1926.

224,495. LITHOPONE USED AS A PAINT PIGMENT. THE NEW JERSEY ZINC COMPANY, Newark and Franklin, N. J.
Filed September 25, 1926. Serial No. 237,748. PUBLISHED NOVEMBER 23, 1926.

224,496. FUEL OILS FOR INTERNAL-COMBUSTION MOTORS. PENN OIL Co., Rosslyn, Va.
Filed September 25, 1926. Serial No. 237,764. PUBLISHED DECEMBER 14, 1926.

224,497. POCKET CRIBBAGE BOARD. FRANK B. BABBITT, Detroit, Mich.
Filed September 27, 1926. Serial No. 237,772. PUBLISHED DECEMBER 7, 1926.

224,498. ONIONS IN THEIR NATURAL STATE. BURNS AND BAY, Olathe, Colo.
Filed September 27, 1926. Serial No. 237,778. PUBLISHED NOVEMBER 30, 1926.

224,499. CORSETS, BRASSIÈRES, GIRDLES, AND COMBINATION GARMENTS WHICH COMBINE THE PROPERTIES OF BRASSIÈRES AND HIP GIRDLES MADE OF TEXTILE FABRICS. POWELL CORSET COMPANY, Chicago, Ill.
Filed February 25, 1926. Serial No. 227,809. PUBLISHED DECEMBER 7, 1926.

224,500. MONTHLY MAGAZINE. EASTERN DAIRIES, INC., Springfield, Mass.
Filed August 16, 1926. Serial No. 236,015. PUBLISHED DECEMBER 7, 1926.

224,501. THERAPEUTIC APPLIANCE. CIRCLETONE INCORPORATED, Los Angeles, Calif.
Filed August 16, 1926. Serial No. 236,001. PUBLISHED NOVEMBER 30, 1926.

224,502. MEDICINAL PREPARATION USED AS A GENERAL TONIC. THE MALTEX CO. INC., New York, N. Y.
Filed August 12, 1926. Serial No. 235,894. PUBLISHED DECEMBER 14, 1926.

224,503. ALL-SILK FABRIC. A. B. FRANK COMPANY, San Antonio, Tex.
Filed August 9, 1926. Serial No. 235,733. PUBLISHED NOVEMBER 30, 1926.

224,504. RUBBER BOOTS AND SHOES. CLARENCE L. HARVEY, doing business as Fireman's Supply Co., Belleville, N. J.
Filed November 5, 1926. Serial No. 239,708. PUBLISHED DECEMBER 14, 1926.

224,505. REAR CHASSIS UNIT FOR TRUCKS. THE WARFORD CORPORATION, New York, N. Y.
Filed November 4, 1926. Serial No. 239,688. PUBLISHED DECEMBER 14, 1926.

224,506. CANDY. NEW ENGLAND CONFECTIONERY COMPANY, Boston, Mass.
Filed November 4, 1926. Serial No. 239,669. PUBLISHED DECEMBER 14, 1926.

224,507. BEARINGS. NEVEROIL BEARING COMPANY, Wakefield, Mass.
Filed November 4, 1926. Serial No. 239,667. PUBLISHED DECEMBER 14, 1926.

224,508. CIGARS AND CHEROOTS. HERMAN LILLING, doing business as National Cigar Company, Brooklyn, N. Y.
Filed November 8, 1926. Serial No. 239,813. PUBLISHED DECEMBER 14, 1926.

224,509. FIRECRACKERS. HITT FIREWORKS COMPANY, Seattle, Wash.
Filed November 4, 1926. Serial No. 239,657. PUBLISHED DECEMBER 14, 1926.

224,510. WOVEN, KNITTED, OR NETTED PIECE GOODS COMPOSED OF SILK, RAYON, COTTON, WOOL, OR COMBINATIONS THEREOF. HESS, GOLDSMITH & Co., INC., New York, N. Y.
Filed November 4, 1926. Serial No. 239,653. PUBLISHED DECEMBER 14, 1926.

224,511. CANDY. THE MAX GLICK Co., Cleveland, Ohio.
Filed November 4, 1926. Serial No. 239,650. PUBLISHED DECEMBER 14, 1926.

224,512. CANDY. THE MAX GLICK Co., Cleveland, Ohio.
Filed November 4, 1926. Serial No. 239,649. PUBLISHED DECEMBER 14, 1926.

224,513. BUTTER COLORING FOR COLORING OLEOMARGARINE, BUTTER, AND SIMILAR MATERIALS. ADINO F. FILES, doing business as Maumee Color Co., Maumee, Ohio.
Filed June 17, 1926. Serial No. 233,365. PUBLISHED SEPTEMBER 21, 1926.

224,514. BOOKLETS, CIRCULARS, AND PAMPHLETS. MISSOURI-KANSAS-TEXAS RAILROAD COMPANY, St. Louis, Mo.
Filed June 15, 1926. Serial No. 233,280. PUBLISHED NOVEMBER 23, 1926.

224,515. PARASITICIDES. NIAGARA SPRAYER COMPANY, Middleport, N. Y.
Filed June 12, 1926. Serial No. 233,141. PUBLISHED DECEMBER 7, 1926.

224,516. PARASITICIDES. NIAGARA SPRAYER COMPANY, Middleport, N. Y.
Filed June 12, 1926. Serial No. 233,136. PUBLISHED DECEMBER 7, 1926.

224,517. ANTISLIPPING PREPARATION APPLIED TO THE GRIP PORTION OF GOLF CLUBS, TENNIS RACKETS, BASEBALL BATS, HOCKEY STICKS, POLO MALLETS, FISHING RODS, CRICKET BATS, ROWING OARS, LACROSSE STICKS, AND ALL OTHER IMPLEMENTS USED IN SPORT WHERE A FIRM GRIP IS NECESSARY. ADELPHI TRADING Co., Philadelphia, Pa.
Filed October 5, 1926. Serial No. 238,148. PUBLISHED NOVEMBER 30, 1926.

224,518. SPICES. THE WOOLSON SPICE COMPANY, Toledo, Ohio.
Filed October 4, 1926. Serial No. 238,147. PUBLISHED NOVEMBER 30, 1926.

224,519. WARDROBE TRUNKS AND CASES. WHEARY TRUNK COMPANY, Racine, Wis.
Filed October 4, 1926. Serial No. 238,146. PUBLISHED DECEMBER 14, 1926.

224,520. PAN LIFTERS. THE TYLER MANUFACTURING COMPANY, Muncie, Ind.
Filed October 4, 1926. Serial No. 238,143. PUBLISHED DECEMBER 14, 1926.

224,521. FRESH CITROUS FRUIT, FRESH DECIDUOUS FRUIT, FRESH VEGETABLES, DRIED FRUIT, FRESH GRAPES, FRESH CANTALOUPES, FRESH CASABA MELONS, FRESH HONEYDEW MELONS, AND HONEY. W. P. PEYTON FRUIT Co., Los Angeles, Calif.
Filed October 4, 1926. Serial No. 238,138. PUBLISHED DECEMBER 7, 1926.

224,522. COFFEE. FERROCARRIL DE ANTIOQUIA, Medellin, Colombia.
Filed October 4, 1926. Serial No. 238,108. PUBLISHED NOVEMBER 30, 1926.

224,523. VARIABLE CONDENSERS. WIRELESS RADIO CORPORATION, Brooklyn, N. Y.
Filed October 2, 1926. Serial No. 238,098. PUBLISHED DECEMBER 7, 1926.

224,524. FURNITURE, PRINCIPALLY BENT-WOOD FURNITURE. JACOB & JOSEF KOHN & MUNDUS, INC., New York, N. Y.
Filed October 2, 1926. Serial No. 238,060. PUBLISHED DECEMBER 14, 1926.

224,525. MILK-CHOCOLATE WAFERS. IDEAL COCOA & CHOCOLATE COMPANY, Lititz, Pa.
Filed October 2, 1926. Serial No. 238,059. PUBLISHED DECEMBER 14, 1926.

224,526. PENPOINTS. THE MOORE PEN COMPANY, Boston, Mass.
Filed October 22, 1926. Serial No. 239,042. PUBLISHED DECEMBER 7, 1926.

224,527. CRAYONS AND PENCILS. BINNEY & SMITH COMPANY, New York, N. Y.
Filed October 2, 1926. Serial No. 238,038. PUBLISHED DECEMBER 7, 1926.

224,528. NONMETALLIC FAUCET CUSHIONS AND WASHERS. J. A. SEXAUER MFG. Co., INC., New York, N. Y.
Filed October 1, 1926. Serial No. 238,028. PUBLISHED DECEMBER 7, 1926.

224,529. AUTOMOBILE TOPS. JULIUS PETER ROZ, San Francisco, Calif.
Filed October 1, 1926. Serial No. 238,025. PUBLISHED DECEMBER 14, 1926.

224,530. NOVELTY PURSES AND HAND BAGS. HYMAN RUBIN, New York, N. Y.
Filed October 1, 1926. Serial No. 238,026. PUBLISHED DECEMBER 14, 1926.

224,531. MEDICINAL PREPARATIONS—NAMELY, COD-LIVER-OIL CHOCOLATES COMPOUND FOR USE AS A GENERAL TONIC. JOSEPH SUDBEAZ, Mount Vernon, N. Y.
Filed September 30, 1926. Serial No. 237,992. PUBLISHED DECEMBER 7, 1926.

224,532. RAILROAD-SWITCH STANDS. PETTIBONE MULLIKEN Co., Chicago, Ill.
Filed September 4, 1925. Serial No. 219,842. PUBLISHED DECEMBER 14, 1926.

224,533. WOOD-WIND MUSICAL INSTRUMENTS AND ACCESSORIES THEREFOR—NAMELY, MOUTHPIECES, LIGATURES, REEDS, AND REED CASES. HENRI SELMER, Paris, France.
Filed October 21, 1926. Serial No. 239,000. PUBLISHED DECEMBER 28, 1926.

224,534. HOSIERY. ELY & WALKER DRY GOODS COMPANY, St. Louis, Mo.
Filed September 11, 1925. Serial No. 220,115. PUBLISHED DECEMBER 14, 1926.

224,535. SHOE PROTECTORS IN THE NATURE OF A DEVICE MADE OF FELT, RUBBER, OR FABRIC INTENDED TO PROTECT THE HEELS AND BACK OF THE SHOES OF AN AUTOMOBILE DRIVER. ETTA C. LITTY, Kansas City, Mo.
Filed August 25, 1926. Serial No. 236,425. PUBLISHED DECEMBER 14, 1926.

224,536. PISTON RINGS AND INNER RINGS FOR PISTONS. PARTS MANUFACTURING COMPANY, Cleveland, Ohio.
Filed August 18, 1926. Serial No. 236,144. PUBLISHED DECEMBER 7, 1926.

224,537. NECKLACES, BRACELETS, BROOCHES, EARRINGS, PRECIOUS-METAL MESH BAGS, AND ORNAMENTS AND TRIMMINGS OF PRECIOUS METAL, AND PRECIOUS AND SEMIPRECIOUS STONES FOR HAND BAGS AND POCKETBOOKS. D. LISNER & Co., INC., New York, N. Y.
Filed August 18, 1926. Serial No. 236,137. PUBLISHED DECEMBER 7, 1926.

224,538. DOLLS. JACOBS & KASSLER, New York, N. Y.
Filed August 18, 1926. Serial No. 236,131. PUBLISHED NOVEMBER 30, 1926.

224,539. MOTOR-LUBRICATING OIL. C. F. GYDESON, doing business as C. F. Gydeson & Sons, Houston, Tex.
Filed August 17, 1926. Serial No. 236,085. PUBLISHED DECEMBER 7, 1926.

224,540. COUGH REMEDY. MAX FRIEDLANDER, doing business as Pioneer Drug Co., Seattle, Wash.
Filed August 17, 1926. Serial No. 236,084. PUBLISHED DECEMBER 14, 1926.

224,541. READY-MIXED PAINTS AND VARNISH. WILLIAMSON & BEISLER, Gainesville, Fla.
Filed August 16, 1926. Serial No. 236,072. PUBLISHED NOVEMBER 30, 1926.

224,542. CABLES AND ROPES. BRODERICK & BASCOM ROPE COMPANY, St. Louis, Mo.
Filed August 9, 1926. Serial No. 235,728. PUBLISHED DECEMBER 14, 1926.

224,543. PADDED MATTRESSES, PILLOWS, AND CUSHIONS. CHARLES D. KARE, Holland, Mich.
Filed August 6, 1926. Serial No. 235,650. PUBLISHED FEBRUARY 16, 1926.

224,544. PAINTS AND VARNISHES, AND MORE PARTICULARLY SUCH PAINTS AND VARNISHES AS ARE READY MIXED. WISCONSIN PAINT MFG. COMPANY, INC., Milwaukee, Wis.
Filed August 2, 1926. Serial No. 235,505. PUBLISHED DECEMBER 7, 1926.

224,545. WOOLEN AND WOOL AND MIXED WOVEN PIECE GOODS. RITTENBERG BROS., doing business as Stonekirk Worsted Co., New York, N. Y.
Filed July 31, 1926. Serial No. 235,427. PUBLISHED DECEMBER 7, 1926.

224,546. THINNERS FOR PAINTS AND VARNISHES. RED SPOT PAINT & VARNISH CO., INC., Evansville, Ind.
Filed July 31, 1926. Serial No. 235,420. PUBLISHED DECEMBER 7, 1926.

224,547. METALLIC PACKING. GLOBE KNEADABLE METALLIC PACKING CO. INC., Brooklyn, N. Y.
Filed July 29, 1926. Serial No. 235,300. PUBLISHED DECEMBER 7, 1926.

224,548. LADIES' HOUSE APRONS. HERBERT W. ROEHR, Milwaukee, Wis.
Filed July 28, 1926. Serial No. 235,277. PUBLISHED DECEMBER 7, 1926.

224,549. VEHICLE TIRES AND TUBES COMPOSED WHOLLY OR IN PART OF RUBBER. MARATHON RUBBER COMPANY, INC., Akron, Ohio.
Filed July 28, 1926. Serial No. 235,270. PUBLISHED NOVEMBER 30, 1926.

224,550. MECHANICAL TOYS, COMBINATION MECHANICAL TOYS AND GAMES, AND TOY MECHANICAL MOVEMENTS. FRANK J. DICK, Canton, Ohio.
Filed July 28, 1926. Serial No. 235,256. PUBLISHED DECEMBER 7, 1926.

224,551. LAMP SHADES MADE FROM FABRIC OR METAL OR FROM COMBINATIONS OF SUCH MATERIALS AND FOR COMBINATION LAMP SHADES WITH GLASS PANES. THE CUYAHOGA PICTURE & LAMP COMPANY, Cleveland, Ohio.
Filed July 28, 1926. Serial No. 235,255. PUBLISHED NOVEMBER 30, 1926.

224,552. FACE POWDER, TALC POWDER, BODY POWDER, SHAMPOO, PERFUME, TOILET WATER, VANISHING CREAM, ROUGES, AND COMPACT POWDER, WRINKLE-ERADICATOR PREPARATIONS, LEMON CREAM, BRILLIANTINE, EYEBROW, AND EYELASH COMPACT, LIP STICK, AND BEAUTY CREAM. ARTHUR H. FOWLER, doing business as Fowler Sales Company, Boston, Mass.
Filed October 5, 1926. Serial No. 238,171. PUBLISHED DECEMBER 14, 1926.

224,553. READY-MIXED PAINTS, VARNISHES, PAINT ENAMELS, PREPARED SHELLACS, AND STAINS. AL S. ELFENBEIN, doing business as Sunlight Paint Products, Brooklyn, N. Y.
Filed October 5, 1926. Serial No. 238,169. PUBLISHED DECEMBER 7, 1926.

224,554. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. MARK C. BULLUCK, doing business as Bulluck Bottling Works, Elm City, N. C.
Filed October 5, 1926. Serial No. 238,161. PUBLISHED DECEMBER 7, 1926.

224,555. CRAYONS AND PENCILS. BINNEY & SMITH COMPANY, New York, N. Y.
Filed October 5, 1926. Serial No. 238,159. PUBLISHED DECEMBER 7, 1926.

224,556. COTTON BLANKETS. BEACON MANUFACTURING COMPANY, New Bedford, Mass., and Providence, R. I.
Filed November 8, 1926. Serial No. 239,787. PUBLISHED DECEMBER 14, 1926.

224,557. STEEL AND IRON. KLOSTER STEEL CORPORATION, Chicago, Ill.
Filed November 6, 1926. Serial No. 239,758. PUBLISHED DECEMBER 14, 1926.

224,558. CANNED FRUIT—NAMELY, PINEAPPLE. HAWAIIAN PINEAPPLE COMPANY, LTD., San Francisco, Calif. and Iwilei, Territory of Hawaii.
Filed November 6, 1926. Serial No. 239,750. PUBLISHED DECEMBER 14, 1926.

224,559. PLAID AND SATIN CREPE PIECE GOODS. AMALGAMATED SILK CORPORATION, Wilmington, Del., and New York, N. Y.
Filed November 6, 1926. Serial No. 239,732. PUBLISHED DECEMBER 14, 1926.

224,560. AUTOMOBILE REPLACEMENT PARTS—NAMELY, VALVE CAGES AND ASSOCIATED PARTS, VALVE-LIFTER GUIDES AND SPRINGS AND ASSOCIATED PARTS, VALVE-STEM GUIDES, VALVE SPRINGS AND ASSOCIATED PARTS, AND WATER-PUMP IMPELLERS. THE STAR PRODUCTS AND MACHINE COMPANY, Cleveland, Ohio.
Filed June 15, 1925. Serial No. 215,826. PUBLISHED DECEMBER 14, 1926.

224,561. GLASS BOTTLES. ILLINOIS GLASS COMPANY, Alton, Ill.
Filed April 13, 1925. Serial No. 213,053. PUBLISHED DECEMBER 14, 1926.

224,562. BABY CHICKS. ACME BABY CHICK HATCHERY, Peoria, Ill.
Filed March 10, 1925. Serial No. 210,773. PUBLISHED DECEMBER 14, 1926.

224,563. BABY CHICKS. ACME BABY CHICK HATCHERY, Peoria, Ill.
Filed March 10, 1925. Serial No. 210,772. PUBLISHED DECEMBER 14, 1926.

224,564. CANNED SALMON. BRISTOL BAY PACKING COMPANY, San Francisco, Calif.
Filed March 9, 1925. Serial No. 210,705. PUBLISHED DECEMBER 7, 1926.

224,565. BREAD. H. C. BOHACK CO., INC., Brooklyn and New York, N. Y.
Filed January 22, 1925. Serial No. 208,450. PUBLISHED DECEMBER 7, 1926.

224,566. CANNED FISH—NAMELY, SARDINES. FRU HERMANOS, Ayamonte, Spain, and New York, N. Y.
Filed December 30, 1924. Serial No. 207,450. PUBLISHED DECEMBER 14, 1926.

224,567. SILVERWARE—NAMELY, FLAT TABLEWARE, TOILET WARE, JUGS, COCKTAIL SHAKERS, CIGARETTE BOXES, AND JEWEL BOXES; AND SOLID AND PLATED JEWELRY FOR PERSONAL WEAR, NOT INCLUDING WATCHES. L. BAMBERGER & COMPANY, Newark, N. J.
Filed October 23, 1924. Serial No. 204,299. PUBLISHED DECEMBER 7, 1926.

224,568. SLATES, TILES, PLATES, CORRUGATED PLATES, PAVING BRICKS, FLAGSTONES OF ARTIFICIAL MATERIAL USED FOR CEILINGS, WALLS, AND COVERINGS. SOCIÉTÉ FRANÇAISE DE L'EVERITE, La Plaine St.-Denis, France.
Filed August 6, 1924. Serial No. 201,054. PUBLISHED FEBRUARY 16, 1926.

224,569. SLATES, TILES, PLATES, CORRUGATED PLATES, PAVING BRICKS, FLAGSTONES OF ARTIFICIAL MATERIAL USED FOR CEILINGS, WALLS, AND COVERINGS. SOCIÉTÉ FRANÇAISE DE L'EVERITE, La Plaine St.-Denis, France.
Filed August 6, 1924. Serial No. 201,053. PUBLISHED FEBRUARY 16, 1926.

224,570. SLATES, TILES, PLATES, CORRUGATED PLATES, PAVING BRICKS, FLAGSTONES OF ARTIFICIAL MATERIAL USED FOR CEILINGS, WALLS, AND COVERINGS. SOCIÉTÉ FRANÇAISE DE L'EVERITE, La Plaine St.-Denis, France.
Filed August 6, 1924. Serial No. 201,052. PUBLISHED FEBRUARY 16, 1926.

224,571. DRY, PASTE, AND READY-MIXED PAINTS: VARNISHES, PAINT ENAMELS, DRY PIGMENT, LACQUERS, LEAD IN OIL, ZINC IN OIL, LINSEED OIL AND SUBSTITUTES, TURPENTINE, CALCIMINE, VARNISH STAINS, OIL STAINS. BRADLEY-WISE PAINT COMPANY, Los Angeles, Calif.
Filed October 12, 1923. Serial No. 186,867. PUBLISHED JANUARY 8, 1924.

224,572. DRY, PASTE, AND READY-MIXED PAINTS; VARNISHES, PAINT ENAMELS, DRY PIGMENT, LACQUERS, LEAD IN OIL, ZINC IN OIL, LINSEED OIL AND SUBSTITUTES, TURPENTINE, CALCIMINE, VARNISH STAINS, OIL STAINS. BRADLEY-WISE PAINT COMPANY, Los Angeles, Calif.
Filed October 12, 1923. Serial No. 186,866. PUBLISHED DECEMBER 25, 1923.

224,573. PRESERVATIVE AND WATERPROOFING COATINGS HAVING A BITUMINOUS BASE. THE RUBEROID CO., Boundbrook, N. J., and New York, N. Y.
Filed July 7, 1923. Serial No. 182,934. PUBLISHED JUNE 17, 1924.

224,574. ARTIFICIAL DENTAL ENAMEL. THE ASCHER IMPORT COMPANY, Cleveland, Ohio.
Filed April 25, 1923. Serial No. 179,644. PUBLISHED MARCH 31, 1925.

224,575. CONFECTION (CANDY BAR). CRANE CANDY COMPANY, St. Louis, Mo.
Filed October 4, 1926. Serial No. 238,105. PUBLISHED NOVEMBER 30, 1926.

224,576. MEN'S SUITS AND OVERCOATS. THE M. O'NEIL COMPANY, Akron, Ohio.
Filed October 22, 1926. Serial No. 239,044. PUBLISHED DECEMBER 14, 1926.

224,577. DISINFECTANTS, GERMICIDES, AND STERILIZERS GENERALLY USED IN SOLID FORM FOR DISINFECTING RECEPTACLES AND CONTAINERS. DIVERSEY MANUFACTURING COMPANY, Chicago, Ill.
Filed October 22, 1926. Serial No. 239,026. PUBLISHED DECEMBER 7, 1926.

224,578. SHOES OF LEATHER, RUBBER, AND FABRIC AND COMBINATIONS OF SAID MATERIALS. BUSK & COMPANY, Philadelphia, Pa.
Filed October 22, 1926. Serial No. 239,021. PUBLISHED DECEMBER 14, 1926.

224,579. MOTOR OILS AND GREASES. WILSON OIL CORPORATION, New York, N. Y.
Filed October 21, 1926. Serial No. 239,007. PUBLISHED DECEMBER 14, 1926.

224,580. GARMENTS FOR NIGHT WEAR—NAMELY, PYJAMAS. THE SUPERIOR ATHLETIC UNDERWEAR COMPANY, Piqua, Ohio.
Filed October 21, 1926. Serial No. 239,005. PUBLISHED DECEMBER 14, 1926.

224,581. GARMENTS FOR NIGHT WEAR—NAMELY, PYJAMAS. THE SUPERIOR ATHLETIC UNDERWEAR COMPANY, Piqua, Ohio.
Filed October 21, 1926. Serial No. 239,004. PUBLISHED DECEMBER 14, 1926.

224,582. TOOTHBRUSHES. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed October 21, 1926. Serial No. 238,999. PUBLISHED DECEMBER 14, 1926.

224,583. WATER PASTE WALL PAINT. M. J. MERKIN PAINT CO. INC., New York, N. Y.
Filed October 21, 1926. Serial No. 238,985. PUBLISHED DECEMBER 14, 1926.

224,584. PREPARATION FOR THE TREATMENT OF TUBERCULOSIS AND HEAVES FOR MAN AND BEAST. JACOB M. CHRISTIE, Woodburn, Oreg.
Filed October 21, 1926. Serial No. 238,952. PUBLISHED DECEMBER 7, 1926.

224,585. CLOTHING FOR MEN, WOMEN, AND CHILDREN—NAMELY, UNDERWEAR OF WOVEN AND TEXTILE FABRICS—NAMELY, SHIRTS, DRAWERS, AND UNION SUITS, AND ATHLETIC OUTER CLOTHING—NAMELY, ATHLETIC SHIRTS AND RUNNING PANTS. THE B. V. D. COMPANY, INC., Baltimore, Md.
Filed October 21, 1926. Serial No. 238,946. PUBLISHED DECEMBER 7, 1926.

224,586. CIGARS. STEPHEN D. SMITH, Brooklyn, N. Y.
Filed October 20, 1926. Serial No. 238,925. PUBLISHED DECEMBER 14, 1926.

224,587. PARLOR BOARD GAME PLAYED WITH PIECES. SHULMAN & SONS, New York, N. Y.
Filed October 20, 1926. Serial No. 238,924. PUBLISHED DECEMBER 14, 1926.

224,588. DRESSES IN SILK AND WOOLEN MATERIALS AND ON SKIRTS IN FLANNEL AND WOOLEN NOVELTIES. SANDY, INC., Minneapolis, Minn.
Filed October 20, 1926. Serial No. 238,922. PUBLISHED NOVEMBER 30, 1926.

224,589. NAILS. PITTSBURGH STEEL COMPANY, Pittsburgh, Pa.
Filed October 20, 1926. Serial No. 238,917. PUBLISHED DECEMBER 14, 1926.

224,590. PERIODICAL MAGAZINE. EDWARD A. MILLER, doing business as the Playgoer, New York, N. Y.
Filed October 20, 1926. Serial No. 238,915. PUBLISHED NOVEMBER 30, 1926.

224,591. REMEDIES FOR CERTAIN NAMED DISEASES. B. L. COLE, doing business as Plura-Crine Chemical Co., Webster Groves, Mo.
Filed October 20, 1926. Serial No. 238,897. PUBLISHED DECEMBER 7, 1926.

224,592. HOPS AND MALT EXTRACT. JOHN G. HOFFMANN, doing business as Oriole Supply Co., Baltimore, Md.
Filed October 19, 1926. Serial No. 238,858. PUBLISHED DECEMBER 14, 1926.

224,593. ORANGE-WOOD STICKS AND EMERY BOARDS. FRENCH BEAUTY PRODUCTS CO., INC., New York, N. Y.
Filed October 19, 1926. Serial No. 238,850. PUBLISHED DECEMBER 14, 1926.

224,594. CASES MADE OF INFERIOR METAL FOR CONTAINING VANITY COMPACTS, FRENCH BEAUTY PRODUCTS CO., INC., New York, N. Y.
Filed October 19, 1926. Serial No. 238,849. PUBLISHED DECEMBER 14, 1926.

224,595. FRESH FRUIT—NAMELY, APPLES, PEARS, PEACHES, AND PLUMS. FENNVILLE FRUIT EXCHANGE, Fennville, Mich.
Filed October 19, 1926. Serial No. 238,846. PUBLISHED DECEMBER 14, 1926.

224,596. FILES FOR CORRESPONDENCE AND PAPERS. THE COOKE & COBB COMPANY, Brooklyn, N. Y.
Filed October 28, 1926. Serial No. 239,356. PUBLISHED DECEMBER 7, 1926.

224,597. PLANES. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed October 27, 1926. Serial No. 239,323. PUBLISHED DECEMBER 7, 1926.

224,598. ANALGESIC AND URIC-ACID ELIMINANT. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed October 27, 1926. Serial No. 239,310. PUBLISHED DECEMBER 7, 1926.

224,599. RUBBER BOOTS AND SHOES, RUBBER OVERSHOES, AND RUBBER-SOLED CANVAS SHOES. HOOD RUBBER COMPANY, Watertown, Mass.
Filed October 27, 1926. Serial No. 239,302. PUBLISHED DECEMBER 7, 1926.

224,600. BUTTER. ERNEST S. BAZLEY, doing business as The Bazley Market, Chicago, Ill.
Filed October 27, 1926. Serial No. 239,285. PUBLISHED DECEMBER 14, 1926.

224,601. TRUNKS. ABEL & BACH COMPANY, Milwaukee, Wis.
Filed October 27, 1926. Serial No. 239,281. PUBLISHED DECEMBER 14, 1926.

224,602. COATS, VESTS, TROUSERS, KNICKERBOCKERS, AND OVERCOATS FOR MEN, YOUTHS, AND BOYS. J. SCHOENEMAN, INCORPORATED, Baltimore, Md.
Filed October 26, 1926. Serial No. 239,269. PUBLISHED DECEMBER 14, 1926.

224,603. COATS, VESTS, TROUSERS, KNICKERBOCKERS, AND OVERCOATS FOR MEN, YOUTHS, AND BOYS. J. SCHOENEMAN, INCORPORATED, Baltimore, Md.
Filed October 26, 1926. Serial No. 239,267. PUBLISHED DECEMBER 14, 1926.

224,604. HOSIERY. OSCAR NEBEL COMPANY, INC., Hatboro, Pa.
Filed October 26, 1926. Serial No. 239,258. PUBLISHED DECEMBER 14, 1926.

224,605. SHAVING BRUSHES, TOOTHBRUSHES, PAINTBRUSHES, AND BRISTLE DUSTERS. LOUIS ABSECK, doing business as The Sealastic Co., Brooklyn, N. Y.
Filed October 26, 1926. Serial No. 239,222. PUBLISHED DECEMBER 14, 1926.

224,606. BOND PAPER, INDEX PAPER, LEDGER PAPER, AND BOOK PAPER. MARQUETTE PAPER CO., Chicago, Ill.
Filed October 25, 1926. Serial No. 239,184. PUBLISHED DECEMBER 7, 1926.

224,607. VAGINAL SUPPOSITORIES. LA FAYETTE M. HUNTER, doing business as Dr. L. M. Hunter, Little Rock, Ark.
Filed October 25, 1926. Serial No. 239,175. PUBLISHED DECEMBER 14, 1926.

224,608. INSECTICIDAL, GERMICIDAL, AND FUNGICIDAL SPRAYS FOR TREES AND PLANTS. CALIFORNIA SPRAY-CHEMICAL COMPANY, Watsonville, Calif.
Filed October 25, 1926. Serial No. 239,163. PUBLISHED DECEMBER 7, 1926.

224,609. A MEDICINAL NONSPECIFIC PROTEIN IN THE FORM OF GLYCEROLES, TABLETS, GRANULES, OR INJECTIONS. ANGLO-AMERICAN PHARMACEUTICAL CORP., New York, N. Y.
Filed October 25, 1926. Serial No. 239,160. PUBLISHED DECEMBER 7, 1926.

224,610. FRESH CITROUS FRUITS—NAMELY, GRAPEFRUIT, LEMONS, AND ORANGES. TULARE COUNTY LEMON & GRAPEFRUIT ASSOCIATION, Porterville, Calif.
Filed October 23, 1926. Serial No. 239,154. PUBLISHED DECEMBER 14, 1926.

224,611. NITROCELLULOSE LACQUERS. RED SPOT PAINT & VARNISH CO., Evansville, Ind.
Filed October 23, 1926. Serial No. 239,138. PUBLISHED DECEMBER 7, 1926.

224,612. LADIES' AND CHILDREN'S DRESSES. THE MERRY ANNE DRESS CO., New Haven, Conn.
Filed October 23, 1926. Serial No. 239,128. PUBLISHED DECEMBER 14, 1926.

224,613. WRITING PENS OF ALL KINDS. THE ESTERBROOK STEEL PEN MANUFACTURING COMPANY, Camden, N. J.
Filed October 23, 1926. Serial No. 239,098. PUBLISHED DECEMBER 7, 1926.

224,614. FRESH DECIDUOUS FRUITS—NAMELY, PEARS, PLUMS, APPLES. JOHN P. CLEESE, doing business as Anita Orchards, Placerville, Calif.
Filed October 23, 1926. Serial No. 239,092. PUBLISHED DECEMBER 7, 1926.

224,615. CHEMICALS—RADIATOR COMPOUND. OSKAR K. BACHMANN, Los Angeles, Calif.
Filed October 23, 1926. Serial No. 239,079. PUBLISHED DECEMBER 7, 1926.

224,616. LACINGS FOR SHOES, CORSETS, AND MIDDY BLOUSES. THE NARROW FABRIC CO., West Reading and Reading, Pa.
Filed November 8, 1926. Serial No. 239,819. PUBLISHED DECEMBER 14, 1926.

224,617. BOOTS AND SHOES OF LEATHER, RUBBER, AND FABRIC. JACOB D. CHERN, Philadelphia, Pa.
Filed November 8, 1926. Serial No. 239,795. PUBLISHED DECEMBER 14, 1926.

224,618. STUFFED TOY ANIMALS. MARCUS AHH MYERS, doing business as Myers' Woolly Animals Company, Gloversville, N. Y.
Filed October 9, 1926. Serial No. 238,385. PUBLISHED DECEMBER 7, 1926.

224,619. WATCH MOVEMENTS AND WATCHCASES. ILLINOIS WATCH CASE COMPANY, Elgin, Ill.
Filed October 9, 1926. Serial No. 238,375. PUBLISHED DECEMBER 7, 1926.

224,620. DEALCOHOLIZED CALIFORNIA MATURED WINES. PATRICK J. FALVEY, doing business as Golden Gate Products Company, Chicago, Ill.
Filed October 9, 1926. Serial No. 238,366. PUBLISHED NOVEMBER 30, 1926.

224,621. BRAKE LINING COMPOSED MAINLY OF INTERWOVEN ASBESTOS AND BRASS, THE ASBESTOS PREDOMINATING. CRESSWELL'S ASBESTOS CO. LTD., Bradford, England.
Filed October 9, 1926. Serial No. 238,359. PUBLISHED DECEMBER 14, 1926.

224,622. ROPE-END ATTACHMENT. W. G. NORMAN CORPORATION, New York, N. Y.
Filed October 8, 1926. Serial No. 238,339. PUBLISHED DECEMBER 14, 1926.

224,623. JUMPERS. THE EAST COAST MANUFACTURING COMPANY, Wethersfield, Conn.
Filed October 7, 1926. Serial No. 238,256. PUBLISHED DECEMBER 14, 1926.

224,624. KNITTED OUTER WEAR—NAMELY, KNIT SWEATERS, BATHING SUITS, SWEATER JACKETS, AND SWEATER BLOUSES. BLUE-RIBBON KNITTING MILLS, INC., Waltham, Mass.
Filed October 7, 1926. Serial No. 238,247. PUBLISHED DECEMBER 7, 1926.

224,625. TOILET TISSUE. UNITED PAPER CORPORATION, Menasha, Wis.
Filed October 5, 1926. Serial No. 238,197. PUBLISHED DECEMBER 7, 1926.

224,626. WASHING MACHINE. MYSTIC WASHER CO., INC., Houston, Tex.
Filed October 5, 1926. Serial No. 238,189. PUBLISHED NOVEMBER 30, 1926.

224,627. BREAD. WILLIAM P. MCDONNELL, Mobile, Ala.
Filed October 5, 1926. Serial No. 238,184. PUBLISHED DECEMBER 7, 1926.

224,628. FRESH AND CANDIED DATES. THE DEGLET NOOR DATE GROWERS ASSOCIATION, Indio, Calif.
Filed January 15, 1926. Serial No. 225,952. PUBLISHED DECEMBER 7, 1926.

224,629. NEWSPRINT. THE BEAVER WOOD FIBRE COMPANY, LIMITED, Thorold, Ontario, Canada.
Filed December 26, 1925. Serial No. 225,166. PUBLISHED DECEMBER 7, 1926.

224,630. RADIO RECEIVING SETS AND PARTS THEREOF. ARNOLD G. LANDERS, doing business as Amplex Instrument Laboratories, New York, N. Y.
Filed December 22, 1925. Serial No. 225,021. PUBLISHED DECEMBER 14, 1926.

224,631. HATBOXES, OVER-NIGHT BAGS, AND SUITCASES. JOSEPH A. HOLTZMAN, Baltimore, Md.
Filed October 14, 1926. Serial No. 238,583. PUBLISHED DECEMBER 7, 1926.

224,632. GELATINIZED COD-LIVER OIL. OTIS CLAPP & SON, INC., Boston, Mass.
Filed October 14, 1926. Serial No 238,611. PUBLISHED DECEMBER 7, 1926.

224,633. RADIO POWER UNITS COMPRISING A BATTERY AND TRICKLE CHARGER. W. F. PRICE BATTERY SUPPLY COMPANY, Philadelphia, Pa.
Filed October 14, 1926. Serial No. 238,612. PUBLISHED DECEMBER 14, 1926.

224,634. BLACK LEAD PENCILS, COLORED PENCILS, COPYING PENCILS, AND COPYING INK PENCILS. SCHWAN-BLEISTIFT-FABRIK A.-G., Nuremberg, Germany.
Filed October 14, 1926. Serial No. 238,621. PUBLISHED DECEMBER 7, 1926.

224,635. FOOT POWDER. FOOT-CARE CO., Findlay, Ohio.
Filed October 15, 1926. Serial No. 238,647. PUBLISHED DECEMBER 7, 1926.

224,636. MAGAZINE SECTION. FUNK & WAGNALLS COMPANY, New York, N. Y.
Filed October 15, 1926. Serial No. 238,650. PUBLISHED NOVEMBER 30, 1926.

224,637. GLOVES MADE PRINCIPALLY OF LEATHER. LILIENTHAL & GROSSMAN, INC., New York, N. Y.
Filed October 15, 1926. Serial No. 238,659. PUBLISHED DECEMBER 14, 1926.

224,638. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. WASHINGTON EXTRACT CO., Lewiston, Me., assignor to Washington Extract Company, a Copartnership consisting of Alfred J. Begin and Frank J. Nadeau.
Filed October 7, 1926. Serial No. 238,294. PUBLISHED DECEMBER 14, 1926.

224,639. SAFETY RAZORS AND RAZOR BLADES. MAGAZINE REPEATING RAZOR COMPANY, New York, N. Y.
Filed October 8, 1926. Serial No. 238,326. PUBLISHED DECEMBER 7, 1926.

224,640. CHEWING-GUM LAXATIVE. J. S. JOHNSON & CO. INC., Boston, Mass.
Filed October 7, 1926. Serial No. 238,266. PUBLISHED DECEMBER 14, 1926.

224,641. CHILDREN'S ONE-PIECE OVERSUITS. SUSAN O. HOLMES, St. Paul, Minn.
Filed October 7, 1926. Serial No. 238,264. PUBLISHED DECEMBER 14, 1926.

224,642. WRITING PENS OF ALL KINDS. THE SPENCERIAN PEN COMPANY, New York, N. Y.
Filed October 15, 1926. Serial No. 238,678. PUBLISHED DECEMBER 7, 1926.

224,643. MANICURE SETS, NAIL FILES, NAIL BUFFERS, ORANGE-WOOD STICKS, TWEEZERS, SCISSORS, NIPPERS, CORN KNIVES, CUTICLE KNIVES, MANICURE HANDLE PIECES, AND NAIL CLIPS. C. J. BATES & SON, Chester, Conn.
Filed October 16, 1926. Serial No. 238,697. PUBLISHED DECEMBER 14, 1926.

224,644. INSECTICIDE. MOTHGUARD LABORATORIES INC., New York, N. Y.
Filed October 12, 1926. Serial No. 238,513. PUBLISHED DECEMBER 7, 1926.

224,645. INKED RIBBONS, SHEETS, AND STRIPS FOR DUPLICATION AND TRANSFER OF IMPRESSIONS. THE COLUMBIA CARBON COMPANY, Dayton, Ohio.
Filed October 13, 1926. Serial No. 238,543. PUBLISHED DECEMBER 14, 1926.

224,646. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. THE AMERICAN DRY GINGER ALE COMPANY, Dayton, Ohio.
Filed October 13, 1926. Serial No. 238,540. PUBLISHED DECEMBER 7, 1926.

224,647. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. WESTCHESTER BOTTLING WORKS, New Rochelle, N. Y.
Filed October 12, 1926. Serial No. 238,539. PUBLISHED DECEMBER 7, 1926.

224,648. DOORCHECKS. UNITED HARDWARE & TOOL CORPORATION, New York, N. Y.
Filed October 12, 1926. Serial No. 238,537. PUBLISHED DECEMBER 14, 1926.

224,649. A PARLOR GAME BOARD PLAYED WITH PIECES AND DICE. WILLIAM M. ROHN and CARL A. JOHNSON, Chicago, Ill.
Filed October 12, 1926. Serial No. 238,527. PUBLISHED DECEMBER 14, 1926.

224,650. CANDY. ELINE'S INCORPORATED, Milwaukee, Wis.
Filed October 12, 1926. Serial No. 238,497. PUBLISHED DECEMBER 7, 1926.

224,651. REGISTER SHIELDS, RADIATOR HOODS, AND AIR DEFLECTORS. THE GEM CITY SHEET METAL COMPANY, Dayton, Ohio.
Filed October 13, 1926. Serial No. 238,549. PUBLISHED DECEMBER 14, 1926.

224,652. LADIES' RAYON VESTS, BLOOMERS, STEPINS, CHEMISES, AND COMBINATIONS. OPPENHEIM, OBERNDORF & CO., INC., doing business as The Sealpax Company, Baltimore, Md.
Filed October 13, 1926. Serial No. 238,556. PUBLISHED DECEMBER 14, 1926.

224,653. SHEETING, SHEETS, AND PILLOWCASES AND COLORED COTTON PIECE GOODS—NAMELY, YARN PLAIDS AND CHAMBRAYS. RIVERSIDE & DAN RIVER COTTON MILLS, INC., Schoolfield and Danville, Va.
Filed October 13, 1926. Serial No. 238,558. PUBLISHED DECEMBER 14, 1926.

224,654. GIRDLES. JULIA FEIG, Baltimore, Md.
Filed October 14, 1926. Serial No. 238,577. PUBLISHED DECEMBER 14, 1926.

224,655. SUSPENDERS, BELTS INTENDED FOR PERSONAL WEAR, ARM BANDS, AND HOSE SUPPORTERS (WOMEN'S AND CHILDREN'S). J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed October 15, 1926. Serial No. 238,665. PUBLISHED DECEMBER 7, 1926.

224,656. HOSIERY. THE METNIC HOSIERY CO., Reading, Pa.
Filed October 15, 1926. Serial No. 238,661. PUBLISHED DECEMBER 7, 1926.

224,657. CLOCK DIALS AND PANELS. THE NEW HAVEN CLOCK CO., New Haven, Conn.
Filed October 16, 1926. Serial No. 238,736. PUBLISHED DECEMBER 7, 1926.

224,658. HOSIERY. VAN. B. MOLER CO. INC., New York, N. Y.
Filed October 16, 1926. Serial No. 238,735. PUBLISHED NOVEMBER 30, 1926.

224,659. HOSIERY. VAN. B. MOLER CO. INC., New York, N. Y.
Filed October 16, 1926. Serial No. 238,734. PUBLISHED NOVEMBER 30, 1926.

224,660. CANDIES. CUNNINGHAM-LE BARON CO., Minneapolis, Minn.
Filed October 16, 1926. Serial No. 238,707. PUBLISHED DECEMBER 14, 1926.

224,661. PACKAGES OF BOOKS. BRENTANO'S, INC., New York, N. Y.
Filed October 16, 1926. Serial No. 238,703. PUBLISHED NOVEMBER 30, 1926.

224,662. OVERALLS. BIG BILL MANUFACTURING COMPANY, INCORPORATED, Irvine, Ky.
Filed October 16, 1926. Serial No. 238,700. PUBLISHED NOVEMBER 30, 1926.

224,663. WEEKLY MAGAZINE. THE GUIDE PUBLISHING COMPANY, Huntington, Ind.
Filed July 27, 1926. Serial No. 235,214. PUBLISHED NOVEMBER 30, 1926.

224,664. CANDY. E. J. BRACH & SONS, Chicago, Ill.
Filed July 27, 1926. Serial No. 235,195. PUBLISHED DECEMBER 14, 1926.

224,665. WHEAT FLOUR; CORN PRODUCTS—NAMELY, CORN MEAL, AND CORN CHOPS; AND RYE FLOUR. TEXAS STAR FLOUR MILLS, Galveston, Tex.
Filed July 26, 1926. Serial No. 235,184. PUBLISHED DECEMBER 7, 1926.

224,666. CANNED FRUITS AND VEGETABLES. NORTH STATE CANNING COMPANY INC., North Wilkesboro, N. C.
Filed July 26, 1926. Serial No. 235,167. PUBLISHED DECEMBER 14, 1926.

224,667. PERMANENT ADVERTISING NONELECTRICAL SIGNS MADE OF PORCELAIN FUSED INTO STEEL. THE BALTIMORE ENAMEL & NOVELTY COMPANY, Baltimore, Md.
Filed July 26, 1926. Serial No. 235,100. PUBLISHED NOVEMBER 9, 1926

224,668. HEATING BOILERS. AIRD-DON CO., Troy, N. Y.
Filed July 24, 1926. Serial No. 235,012. PUBLISHED NOVEMBER 9, 1926.

224,669. ROOFING TIN AND GALVANIZED STEEL SHEETS. WHEELING CORRUGATING COMPANY, Wheeling, W. Va.
Filed July 22, 1926. Serial No. 234,937. PUBLISHED DECEMBER 7, 1926.

224,670. REPRODUCERS FOR RADIORECEIVERS. GRIGSBY-GRUNOW-HINDS CO., Chicago, Ill.
Filed July 22, 1926. Serial No. 234,908. PUBLISHED DECEMBER 14, 1926.

224,671. A AND B POWER CURRENT SUPPLY APPARATUS FOR RADIO EQUIPMENT. GRIGSBY-GRUNOW-HINDS CO., Chicago, Ill.
Filed July 22, 1926. Serial No. 234,907. PUBLISHED DECEMBER 14, 1926.

224,672. AUTOMOBILES AND CONSTRUCTIVE PARTS THEREOF. LOCOMOBILE COMPANY OF AMERICA, INCORPORATED, Bridgeport, Conn.
Filed July 16, 1926. Serial No. 234,622. PUBLISHED DECEMBER 14, 1926.

224,673. A COMPOUND OF COFFEE AND CHICORY. A. M. & J. SOLARI, LTD., New Orleans, La.
Filed July 15, 1926. Serial No. 234,597. PUBLISHED NOVEMBER 30, 1926.

224,674. CANDY, PEANUT CLUSTERS, PEANUT-CLUSTER BARS, CHOCOLATE RAISIN CLUSTERS, CHOCOLATE-DIPPED ALMONDS, AND CHOCOLATE BRAZIL NUTS. ALPS SPECIALTY COMPANY, Chicago, Ill.
Filed July 12, 1926. Serial No. 234,428. PUBLISHED DECEMBER 7, 1926.

224,675. PYROMETER SHEATHS. INDUSTRIAL WELDED PRODUCTS CO. INC., Newark, N. J.
Filed July 10, 1926. Serial No. 234,400. PUBLISHED NOVEMBER 30, 1926.

224,676. MOUTH WASH. THE CANUTE CO., Milwaukee, Wis.
Filed July 8, 1926. Serial No. 234,291. PUBLISHED DECEMBER 7, 1926.

224,677. FRESH FRUITS—NAMELY, PEARS, APPLES, PEACHES, PLUMS; FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, GRAPEFRUIT. EARL FRUIT COMPANY, San Francisco, Calif.
Filed July 6, 1926. Serial No. 234,202. PUBLISHED DECEMBER 14, 1926.

224,678. MEDICATED GUM TO RELIEVE COLDS, GRIPPE, AND HEADACHES. SARAH AMSTER, New York, N. Y.
Filed July 6, 1926. Serial No. 234,184. PUBLISHED OCTOBER 12, 1926.

224,679. CADMIUM PLATING, ANODES, AND ANODE SUPPORTS. UDYLITE PROCESS COMPANY, Kokomo, Ind.
Filed June 30, 1926. Serial No. 233,958. PUBLISHED DECEMBER 14, 1926.

224,680. HAIRPINS AND HAIR ORNAMENTS MADE OF PYROXYLIN, COMPOSITION MATERIALS, OR COMBINATIONS THEREOF. DU PONT VISCOLOID COMPANY, INC., Arlington, N. J.
Filed June 28, 1926. Serial No. 233,814. PUBLISHED DECEMBER 14, 1926.

224,681. JELLIES. GEORGE W. ANDERSON, doing business as Billy's Grape Nectar Company, Enid, Okla.
Filed June 28, 1926. Serial No. 233,806. PUBLISHED DECEMBER 14, 1926.

224,682. UMBRELLAS. SIDNEY C. ANSCHELL, INC., Chicago, Ill.
Filed November 4, 1926. Serial No. 239,632. PUBLISHED DECEMBER 14, 1926.

224,683. FISHING REELS. THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio.
Filed November 3, 1926. Serial No. 239,615. PUBLISHED DECEMBER 14, 1926.

224,684. PHARMACEUTICAL PREPARATIONS FOR HUMAN USE IN THE TREATMENT OF RHEUMATISM, GOUT, SCIATICA, LUMBAGO, NEURITIS, HEADACHE, COLDS, AND INFLUENZA. GERHARD F. SCHMIDT AKTIENGESELLSCHAFT, Zurich, Switzerland.
Filed November 2, 1926. Serial No. 239,601. PUBLISHED DECEMBER 14, 1926.

224,685. VAGINAL DOUCHE POWDER. WO-NESS LABORATORY, Los Angeles, Calif.
Filed November 1, 1926. Serial No. 239,554. PUBLISHED DECEMBER 14, 1926.

224,686. WITCH-HAZEL CREAM, CUCUMBER CREAM, COLD CREAM, LEMON CLEANSING CREAM, AND COCOA-BUTTER CREAM. JORDAN MARSH COMPANY, Boston, Mass.
Filed November 1, 1926. Serial No. 239,524. PUBLISHED DECEMBER 14, 1926.

224,687. COFFEE. HEWLETT BROS. COMPANY, Salt Lake City, Utah.
Filed November 1, 1926. Serial No. 239,520. PUBLISHED DECEMBER 14, 1926.

224,688. MEDICINAL PREPARATION — NAMELY, TONIC TO RELIEVE PAINS IN THE BACK, NAUSEA, HEADACHE, RHEUMATISM, BAD TASTE IN MOUTH, INDIGESTION, DISTRESS AFTER EATING, BILIOUSNESS, CONSTIPATION. FULTON HEALTH INSTITUTE, New York and Brooklyn, N. Y.
Filed November 1, 1926. Serial No. 239,514. PUBLISHED DECEMBER 14, 1926.

224,689. GAITERS WITH AUTOMATIC FASTENERS. FIRESTONE FOOTWEAR COMPANY, Hudson, Mass.
Filed November 1, 1926. Serial No. 239,512. PUBLISHED DECEMBER 14, 1926.

224,690. WARDROBES. FORREST ADDITON, doing business as Chattahoochee Furniture Company, Flowery Branch, Ga.
Filed November 1, 1926. Serial No. 239,501. PUBLISHED DECEMBER 7, 1926.

224,691. AMMONIUM O-IODOXY BENZOATE. ABBOTT LABORATORIES, North Chicago, Ill.
Filed November 1, 1926. Serial No. 239,500. PUBLISHED DECEMBER 14, 1926.

224,692. SANITARY PAPER COVER FOR TOILET SEATS. SANITARY UTILITIES CORPORATION, St. Louis, Mo.
Filed October 30, 1926. Serial No. 239,489. PUBLISHED DECEMBER 7, 1926.

224,693. LADIES' AND MISSES' COATS, SUITS, AND DRESSES. THE ROSENBAUM COMPANY, Pittsburgh, Pa.
Filed October 30, 1926. Serial No. 239,488. PUBLISHED DECEMBER 14, 1926.

224,694. FACE CREAM. OPOTERAPIA, INC., New York, N. Y.
Filed October 30, 1926. Serial No. 239,485. PUBLISHED DECEMBER 14, 1926.

224,695. GLOVES FOR MEN, WOMEN, AND CHILDREN, MADE FROM RAYON OR ARTIFICIAL SILK. B. F. MONTAGUE COMPANY INC., New York, N. Y.
Filed October 30, 1926. Serial No. 239,483. PUBLISHED DECEMBER 7, 1926.

224,696. CANNED PIMIENTOS. THE HILLS BROTHERS COMPANY, New York, N. Y.
Filed October 30, 1926. Serial No. 239,474. PUBLISHED DECEMBER 14, 1926.

224,697. DOLLS. LOUIS WOLF & CO. INC., New York, N. Y.
Filed October 29, 1926. Serial No. 239,450. PUBLISHED DECEMBER 14, 1926.

224,698. CIGARS. G. A. STROBECK, Red Lion, Pa.
Filed October 29, 1926. Serial No. 239,434. PUBLISHED DECEMBER 14, 1926.

224,699. LUBRICATING OILS. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill.
Filed October 29, 1926. Serial No. 239,433. PUBLISHED DECEMBER 14, 1926.

224,700. LIQUID DISINFECTANTS. EAGLE CHEMICAL CO., Milwaukee, Wis.
Filed October 29, 1926. Serial No. 239,399. PUBLISHED DECEMBER 7, 1926.

224,701. TOOTHBRUSHES. J. C. GUSSMAN, St. Paul, Minn.
Filed October 28, 1926. Serial No. 239,363. PUBLISHED DECEMBER 14, 1926.

224,702. READY-MIXED WALL-FINISH PAINTS. THE HANNA PAINT MANUFACTURING COMPANY, Columbus, Ohio.
Filed July 27, 1926. Serial No. 235,216. PUBLISHED NOVEMBER 23, 1926.

224,703. TOILET AND SHAVING SOAPS IN SOLID, POWDERED, AND LIQUID FORM, THE PALMOLIVE COMPANY, Chicago, Ill.
Filed September 4, 1925. Serial No. 219,840. PUBLISHED DECEMBER 7, 1926.

224,704. ELECTRICAL APPARATUS—NAMELY, THERMOPILES, CIRCUIT INTERRUPTERS, CURRENT PULSATORS, AND RESISTANCE UNITS, CONDENSER UNITS, AND REACTANCE UNITS FOR REGULATING CURRENT. INTERNATIONAL PROCESS AND ENGINEERING CORPORATION, New York, N. Y.
Filed August 31, 1925. Serial No. 219,588. PUBLISHED DECEMBER 14, 1926.

224,705. READY-MIXED LACQUERS AND VARNISHES. ULTRALAC PRODUCTS CO., Washington, D. C.
Filed October 8, 1926. Serial No. 238,349. PUBLISHED DECEMBER 7, 1926.

224,706. CANNED FISH. THE VAN LANDINGHAM CO., Los Angeles, Calif.
Filed September 1, 1926. Serial No. 236,786. PUBLISHED DECEMBER 14, 1926.

224,707. HAIR LOTIONS. THE HOUSE OF A. BLATT INC., New York, N. Y.
Filed September 2, 1926. Serial No. 236,793. PUBLISHED DECEMBER 7, 1926.

224,708. VARNISH POLISHES, VARNISH DRESSINGS, AND COLOR VARNISHES. THE MCAVOY MFG. COMPANY, INC., Detroit, Mich.
Filed September 4, 1926. Serial No. 236,884. PUBLISHED NOVEMBER 30, 1926.

224,709. BADGES, LAPEL AND CUFF BUTTONS; LAPEL, BROOCH, BEAUTY, BAR, AND BREAST PINS; PIN SETS, CUFF LINKS; TIE, NECKLACE, AND LINGERIE CLASPS; CHARMS, EAR AND FINGER RINGS, BUCKLES, NECKLACES, SAUTOIRS, LAVALLIERES, BRACELETS, CHAINS, EAR ATTACHMENTS, HAIR AND HAT ORNAMENTS, FLOWERS, FESTOONS, BAGS, AND BAG FRAMES, ALL OF PRECIOUS METAL OR PLATED WITH PRECIOUS METAL. CAHN AND CO., INC., New York, N. Y.
Filed September 7, 1926. Serial No. 236,906. PUBLISHED DECEMBER 14, 1926.

224,710. GINGER ALE. JOHN GRAF CO., Milwaukee, Wis.
Filed September 7, 1926. Serial No. 236,928. PUBLISHED DECEMBER 14, 1926.

224,711. GINGER ALE. JOHN GRAF CO., Milwaukee, Wis.
Filed September 7, 1926. Serial No. 236,930. PUBLISHED DECEMBER 14, 1926.

224,712. TABLETS FOR MAKING JUNKET DESSERTS, POWDERS FOR MAKING JUNKET DESSERTS, AND BUTTERMILK TABLETS. CHR. HANSEN'S LABORATORY, INC., Little Falls, N. Y.
Filed September 7, 1926. Serial No. 236,935. PUBLISHED DECEMBER 7, 1926.

224,713. DRY-CLEANSING FLUID FOR THE PURPOSE OF REMOVING GREASE SPOTS FROM FABRICS. PACIFIC CHEMICAL PRODUCTS COMPANY, Everett, Wash.
Filed September 7, 1926. Serial No. 236,954. PUBLISHED DECEMBER 7, 1926.

224,714. SHOES MADE OF LEATHER, RUBBER, FABRIC, AND A COMBINATION OF SAID MATERIALS, AND HOSIERY. LONDON SHOE CO., INC., New York, N. Y.
Filed October 18, 1926. Serial No. 238,794. PUBLISHED NOVEMBER 30, 1926.

224,715. BRUSHES—NAMELY, ARTISTS', CALCIMINE, FITCH, FRESCO, FLOWING, FURNITURE RUBBING, GLUE, PAINT, PASTE, PAPER HANGERS', PLASTERERS', RADIATOR, ROOF, FLOOR SWEEPING, SASH, SHIP, SEAMING, STUCCO, STENCIL, STIPPLING, VARNISH, WHITEWASH, WASHING, AND COUNTER; AND PAINTERS' AND STAIR DUSTERS. PITTSBURGH PLATE GLASS COMPANY, Rennous-Kleinle Division, Baltimore, Md.
Filed October 18, 1926. Serial No. 238,803. PUBLISHED NOVEMBER 30, 1926.

224,716. BRUSHES—NAMELY, ARTISTS', FITCH, CALCIMINE, FRESCO, FLOWING, FURNITURE RUBBING, GLUE, PAINT, PASTE, PAPER HANGERS', PLASTERERS', RADIATOR, ROOF, FLOOR SWEEPING, SASH, SHIP SEAMING, STUCCO, STENCIL, STIPPLING, VARNISH, WHITEWASH, WASHING, AND COUNTER; AND PAINTERS' AND STAIR DUSTERS. PITTSBURGH PLATE GLASS COMPANY, Rennous-Kleinle Division, Baltimore, Md.
Filed October 18, 1926. Serial No. 238,804. PUBLISHED NOVEMBER 30, 1926.

224,717. BRUSHES — NAMELY, ARTISTS', CALCIMINE, FITCH, FRESCO, FLOWING, FURNITURE RUBBING, GLUE, PAINT, PASTE, PAPER HANGERS', PLASTERERS', RADIATOR, ROOF, FLOOR SWEEPING, SASH, SHIP SEAMING, STUCCO, STENCIL, STIPPLING, VARNISH, WHITEWASH, WASHING, AND COUNTER; AND PAINTERS' AND STAIR DUSTERS. PITTSBURGH PLATE GLASS COMPANY, Rennous-Kleinle Division, Baltimore, Md.
Filed October 18, 1926. Serial No. 238,805. PUBLISHED NOVEMBER 30, 1926.

224,718. APPLES IN THEIR NATURAL STATE. PAUL & LLOYD STARK ORCHARDS, Louisiana, Mo.
Filed October 18, 1926. Serial No. 238,815. PUBLISHED DECEMBER 14, 1926.

224,719. STAIN ERADICATORS EFFECTIVE FOR REMOVING RUST, INK, PAINT, ETC., FROM FABRICS. EDDIE E. KAMINSKY, doing business as E. Kaminsky Company, Milwaukee, Wis.
Filed October 18, 1926. Serial No. 238,791. PUBLISHED NOVEMBER 30, 1926.

224,720. FACE POWDERS AND TALCUM POWDERS. BAIRD & SAWYER, Norfolk, Va.
Filed October 19, 1926. Serial No. 238,832. PUBLISHED DECEMBER 14, 1926.

224,721. CANDY BAR. BUB-BEE CANDY CO., Walla Walla, Wash.
Filed October 19, 1926. Serial No. 238,833. PUBLISHED DECEMBER 14, 1926.

224,722. PERFUME TOILET WATER, FACE POWDER, TALCUM POWDER, ROUGES, LIP STICKS, SACHET, BRILLIANTINE, BATH SALTS, AND DENTIFRICES. CARLOS J. DIAZ, New York, N. Y.
Filed October 19, 1926. Serial No. 238,844. PUBLISHED DECEMBER 14, 1926.

224,723. PAPER NAPKINS AND TOILET PAPER. SERVICE GROCER COMPANY, INC., Detroit, Mich.
Filed October 16, 1926. Serial No. 238,746. PUBLISHED DECEMBER 7, 1926.

224,724. CURTAINS MADE OF VOILE, MARQUESETTE, AND OF COMBINATIONS THEREOF. NEW YORK CURTAIN CORPORATION, New York, N. Y.
Filed October 16, 1926. Serial No. 238,737. PUBLISHED DECEMBER 14, 1926.

224,725. ELECTRICAL HOT PLATES, ELECTRICAL CABINET RANGES, ELECTRICAL COOKERS, ELECTRICAL WAFFLE IRONS. BUCKWALTER STOVE COMPANY, Royersford, Pa.
Filed October 12, 1926. Serial No. 238,481. PUBLISHED DECEMBER 14, 1926.

224,726. PREPARATION ADAPTED FOR EXTERNAL APPLICATION TO THE SKIN AND SERVING AS A SKIN BEAUTIFIER AND SKIN REMEDY. ISRAEL WEINSHENKER, New York, N. Y.
Filed October 11, 1926. Serial No. 238,470. PUBLISHED DECEMBER 7, 1926.

224,727. GAS BOILER INSTALLED IN DWELLINGS OR OTHER BUILDINGS. L. J. MUELLER FURNACE COMPANY, Milwaukee, Wis.
Filed October 11, 1926. Serial No. 238,450. PUBLISHED DECEMBER 14, 1926.

224,728. MEDICINE FOR COUGHS, COLDS, PNEUMONIA, COLIC, CRAMPS, SPASMODIC COLIC, CHOLERA MORBUS, GASTRALGIA, AND DYSMENORRHEA AND AN ANTISPASMODIC. JULIUS C. SHEIPLEY, Colchester, Ill.
Filed October 9, 1926. Serial No. 238,404. PUBLISHED DECEMBER 7, 1926.

224,729. FILTERS FOR ENGINES. SHEET STEEL PRODUCTS COMPANY, Detroit, Mich., and Michigan City, Ind.
Filed October 9, 1926. Serial No. 238,402. PUBLISHED DECEMBER 14, 1926.

224,730. PHOTOGRAPHIC PLATES, PHOTOGRAPHIC FILMS, SENSITIZED PHOTOGRAPHIC PAPERS, LENSES, CAMERAS, AND PARTS THEREFOR. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, and Berlin, Germany.
Filed October 13, 1926. Serial No. 238,547. PUBLISHED DECEMBER 14, 1926.

224,731. CEREALS AND CEREAL PRODUCTS INTENDED FOR USE AS POULTRY FEEDS. BLACK & WHITE MILLING COMPANY, East St. Louis, Ill.
Filed August 19, 1925. Serial No. 219,056. PUBLISHED JULY 6, 1926.

224,732. DAIRY FEED. AMERICAN MILLING COMPANY, Peoria, Ill.
Filed July 31, 1925. Serial No. 218,152. PUBLISHED NOVEMBER 23, 1926.

224,733. WHEAT FLOUR. WISCONSIN MILLING COMPANY, Menomonie, Wis.
Filed July 3, 1925. Serial No. 216,860. PUBLISHED SEPTEMBER 22, 1925.

224,734. MOLDS FOR MAKING CASTINGS OF METAL AND PARTS AND ACCESSORIES THEREOF. THE GUARDIAN TRUST COMPANY, Trustee, Cleveland, Ohio.
Filed June 22, 1925. Serial No. 216,177. PUBLISHED AUGUST 10, 1926.

224,735. SOAPS. NATIONAL SOAP CO., Detroit, Mich.
Filed December 7, 1925. Serial No. 224,344. PUBLISHED NOVEMBER 30, 1926.

224,736. KNITTED AND TEXTILE FABRIC GLOVES, UNDERWEAR OF ALL KINDS MADE OF KNITTED OR TEXTILE FABRIC, DRESS SHIRTS, NIGHTSHIRTS, WORK SHIRTS MADE OF KNITTED OR TEXTILE FABRIC, PETTICOATS MADE OF KNITTED OR TEXTILE FABRIC, HOSIERY, JERSEYS, AND SOCKS. NEYRON & CO., Lyon, France.
Filed November 30, 1925. Serial No. 224,037. PUBLISHED DECEMBER 14, 1926.

224,737. FACE POWDERS. JEAN MARTINAT, doing business as Les Parfumes des Courtisanes, New York, N. Y.
Filed October 2, 1925. Serial No. 221,129. PUBLISHED DECEMBER 7, 1926.

224,738. LEAD PENCILS. EAGLE PENCIL COMPANY, New York, N. Y.
Filed September 30, 1925. Serial No. 221,001. PUBLISHED NOVEMBER 30, 1926.

224,739. METAL RODS, DIE CASTINGS, SAND CASTINGS, AND FORGINGS OF NONFERROUS METAL. MUELLER BRASS CO., Port Huron, Mich.
Filed August 25, 1926. Serial No. 236,430. PUBLISHED DECEMBER 14, 1926.

224,740. SILK PIECE GOODS. L. & E. STIEN, New York, N. Y.
Filed August 26, 1926. Serial No. 236,511. PUBLISHED DECEMBER 14, 1926.

224,741. CHEESE AND PEANUT-BUTTER SANDWICHES. VEGETARIAN FOOD AND NUT CO., INC., Washington, D. C.
Filed August 26, 1926. Serial No. 236,518. PUBLISHED NOVEMBER 23, 1926.

224,742. BIT BRACES, CAKE TURNERS, CAN OPENERS, EGG WHIPS AND BEATERS, BASE-METAL FORKS, ICE PICKS, BASE-METAL KNIVES, VEGETABLE MASHERS, MINCING KNIVES, SAWS, SINK SCRAPERS, SCREW DRIVERS, SKIMMERS, BASE-METAL SPOONS, AND TACK PULLERS. THE WASHBURN COMPANY, Worcester, Mass.
Filed August 27, 1926. Serial No. 236,576. PUBLISHED DECEMBER 7, 1926.

224,743. SAFETY-RAZOR BLADES. EDWARD W. MCDONOUGH, doing business as Moredge Sales Company, Newark, N. J.
Filed August 28, 1926. Serial No. 236,615. PUBLISHED DECEMBER 7, 1926.

224,744. CANDY CONFECTION. WILLIAMSON CANDY COMPANY, Chicago, Ill.
Filed August 30, 1926. Serial No. 236,668. PUBLISHED DECEMBER 14, 1926.

224,745. BABBITT METALS AND BEARING CASTINGS. DIVISION SMELTING AND REFINING COMPANY, Chicago, Ill.
Filed August 30, 1926. Serial No. 236,639. PUBLISHED DECEMBER 14, 1926.

224,746. RADIO RECEIVING SETS. BETTER RADIO, INC., Chicago, Ill., assignor to The Better Tires Company, Chicago, Ill., a Corporation of Illinois.
Filed September 1, 1926. Serial No. 236,722. PUBLISHED DECEMBER 14, 1926.

224,747. CANNED BEEF. NORTH AMERICAN MERCANTILE COMPANY, San Francisco, Calif.
Filed November 28, 1925. Serial No. 228,971. PUBLISHED DECEMBER 14, 1926.

224,748. WOMEN'S AND CHILDREN'S DRESSES. FASHION FROCKS, INC., Cincinnati, Ohio.
Filed November 21, 1925. Serial No. 228,630. PUBLISHED DECEMBER 14, 1926.

224,749. CUTLERY—VIZ, SCISSORS, DOMESTIC KNIVES AND FORKS MADE OF BASE METAL, RAZOR BLADES, POLISHED WEAPONS, FILES, CHISELS, TWO-BEVELED CHISELS, HAMMERS, PLIERS, DRILLS, CORKSCREWS. F. KOELLER & Co., Ohligs, Solingen, Germany.
Filed October 31, 1925. Serial No. 222,616. PUBLISHED DECEMBER 14, 1926.

224,750. ENAMEL IN THE NATURE OF PAINT. UNITED STATES GUTTA PERCHA PAINT COMPANY, Providence, R. I.
Filed October 22, 1925. Serial No. 222,148. PUBLISHED DECEMBER 14, 1926.

224,751. STEELS AND ALLOY STEELS IN THE FORM OF INGOTS, BLOOMS, BILLETS, SLABS, BARS, HOT-ROLLED STRIPS, SHAPES, AND SHEETS. THE CENTRAL STEEL COMPANY, Massillon, Ohio.
Filed October 19, 1925. Serial No. 221,946. PUBLISHED DECEMBER 14, 1926.

224,752. BLENDED LUBRICATING OIL. MASURY-YOUNG COMPANY, Charlestown, Mass.
Filed October 15, 1925. Serial No. 221,763. PUBLISHED DECEMBER 7, 1926.

224,753. BLENDED LUBRICATING OIL. MASURY-YOUNG COMPANY, Charlestown, Mass.
Filed October 15, 1925. Serial No. 221,762. PUBLISHED DECEMBER 7, 1926.

224,754. BLENDED LUBRICATING OIL. MASURY-YOUNG COMPANY, Charlestown, Mass.
Filed October 15, 1925. Serial No. 221,761. PUBLISHED DECEMBER 7, 1926.

224,755. BLENDED LUBRICATING OIL. MASURY-YOUNG COMPANY, Charlestown, Mass.
Filed October 15, 1925. Serial No. 221,760. PUBLISHED DECEMBER 7, 1926.

224,756. FLORISTS' SUPPLIES CONSISTING OF RIBBONS FOR TYING FLOWERS AND CHIFFONS FOR FLOWER BOUQUETS. JAMES C. NIELSEN, doing business as J. C. Nielsen Co., Chicago, Ill.
Filed October 12, 1925. Serial No. 221,633. PUBLISHED DECEMBER 14, 1926.

224,757. NEGLIGEE AND WORK SHIRTS, PANTS, AND OVERALLS. THE MCCLELLAND MANUFACTURING COMPANY, Barnesville, Ohio.
Filed October 12, 1925. Serial No. 221,626. PUBLISHED DECEMBER 14, 1926.

224,758. ELECTRICAL MEASURING INSTRUMENTS—NAMELY, VOLTMETERS, AMMETERS, AND VOLTAMMETERS. LUNDQUIST TOOL & MFG. CO., Worcester, Mass.
Filed October 10, 1925. Serial No. 221,556. PUBLISHED DECEMBER 14, 1926.

224,759. STORAGE BATTERIES. THE RECHARGE MANUFACTURING CO., Dayton, Ohio, assignor to William M. Klinger, Dayton, Ohio.
Filed October 7, 1925. Serial No. 221,379. PUBLISHED DECEMBER 14, 1926.

224,760. LIQUID SOAP, TOILET SOAP, SKIN SOAP, BATH SOAP, AND HAIR AND SCALP SOAP. IRVING MCEWEN, Omaha, Nebr.
Filed September 1, 1926. Serial No. 236,763. PUBLISHED DECEMBER 7, 1926.

224,761. GLOVES MADE OF LEATHER, KID, AND SILK AND THE FOLLOWING ARTICLES OF CLOTHING FOR WOMEN AND CHILDREN: STEPINS, VESTS, BLOOMERS, CHEMISES, BANDEAU SETS, PANTS, GOWNS, UNION SUITS, PYJAMAS, DRESS AND SPORT HATS, CAPS, NEGLIGEES, BATH ROBES, AND DRESSING SACKS. E. T. SLATTERY COMPANY, Boston, Mass.
Filed September 1, 1926. Serial No. 236,781. PUBLISHED DECEMBER 7, 1926.

224,762. OPHTHALMIC LENSES AND BLANKS. UNISITE LENS COMPANY, INC., New York, N. Y.
Filed September 1, 1926. Serial No. 236,785. PUBLISHED DECEMBER 7, 1926.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

224,763. (CLASS 47. WINES.) WALTER TAYLOR, doing business as The Taylor Company, Hammondsport and Rheims, N. Y. Filed Dec. 17, 1926. Serial No. 241,644.

TAYLOR'S

Particular description of goods.—Wines.
Claims use since 1898.

224,764. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LUCILLE BUHL, INC., New York, N. Y. Filed Dec. 21, 1926. Serial No. 241,775.

Lucille Buhl

Particular description of goods.—Toilet Creams, Toilet Lotions, Toilet Powders, Astringents, Depilatories, Rouges, Lip Sticks, and Eyebrow and Eyelash Dressings.
Claims use since Sept. 29, 1924.

224,765. (CLASS 39. CLOTHING.) MORRIS MANDEL, Los Angeles, Calif. Filed Dec. 20, 1926. Serial No. 241,734.

Fascinating Slippers

Particular description of goods.—Footwear—Namely, Slippers of Leather, Rubber, Fabric or Combinations Thereof.
Claims use since about July, 1925.

224,766. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) MINNIE BRYANT, Cisco, Tex. Filed Feb. 23, 1926. Serial No. 227,629.

BRYANT'S

Particular description of goods.—Silver Polish.
Claims use since Jan. 26, 1926.

224,767. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE BEAVER SOAP COMPANY, Dayton, Ohio. Filed Feb. 15, 1926. Serial No. 227,289.

COCOPINE

Particular description of goods.—Pine-Tar Soap.
Claims use since Jan. 5, 1926.

224,768. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STANLEY FRUIT COMPANY, Phoenix, Ariz. Filed Mar. 6, 1926. Serial No. 228,276.

Everipe

Particular description of goods.—Cantaloupes and Honey Dew Melons in Their Natural State.
Claims use since Feb. 20, 1924.

224,769. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) NORTH AMERICAN ANOLIN CORPORATION, Little Falls, N. Y. Filed Feb. 27, 1926. Serial No. 227,904.

ANOLIN

Particular description of goods.—Dyes, Finishes, Stains, and Creams for the Tanning and Shoe Industries.
Claims use since Mar. 1, 1925.

224,770. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) AMES SHOVEL AND TOOL COMPANY, Boston, Mass. Filed Dec. 10, 1926. Serial No. 241,255.

PEERLESS

Particular description of goods.—Shovels, Spades, and Scoops.
Claims use since 1901.

224,771. (CLASS 25. LOCKS AND SAFES.) ISSACHAR P. REESE, doing business as Reese Padlock Company, Lancaster, Pa. Filed Dec. 6, 1926. Serial No. 241,067.

REESE

Particular description of goods.—Padlocks.
Claims use since Apr. 1, 1924.

224,772. (CLASS 39. CLOTHING.) BEN SILVERSTEIN, Brooklyn, N. Y. Filed Nov. 23, 1926. Serial No. 240,510.

Townley Hats

Particular description of goods.—Hats and Caps for Men and Boys.
Claims use since Feb. 2, 1925.

224,773. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BATTLE CREEK FOOD COMPANY, Battle Creek, Mich. Filed Dec. 14, 1926. Serial No. 241,467.

FIG & BRAN

Particular description of goods.—A Cereal Breakfast Food.
Claims use since September, 1924.

224,774. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PACIFIC CHEMICAL PRODUCTS COMPANY, Everett, Wash. Filed Dec. 13, 1926. Serial No. 241,432.

BLANCHE

Particular description of goods.—A Liquid Bleach for Household and Laundry Use.
Claims use since Dec. 20, 1925.

224,775. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE GEBAUER CHEMICAL COMPANY, Cleveland, Ohio. Filed Dec. 13, 1926. Serial No. 241,407.

GEBAUER'S ETHYL CHLORIDE

Particular description of goods.—Ethyl Chloride.
Claims use since February, 1899.

224,776. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CHARLES BOND COMPANY, Philadelphia, Pa. Filed Dec. 18, 1926. Serial No. 241,648.

GRUNDY

Particular description of goods.—Shaft Couplings.
Claims use since November, 1909.

224,777. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CHARLES BOND COMPANY, Philadelphia, Pa. Filed Dec. 18, 1926. Serial No. 241,649.

MATHER

Particular description of goods.—Shaft Couplings.
Claims use since April, 1919.

224,778. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE VOLLRATH CO., Sheboygan, Wis. Filed Nov. 6, 1925. Serial No. 222,971.

VOLLRATH

Particular description of goods.—Enameled Steel Solution Bowls, Feeding Cups, Hospital Cups, Irrigators, Dressing Jars, Ointment Jars, Bedpans, Douche Pans, Pus Pans, and Instrument Trays.
Claims use since 1913 on solution bowls, since 1919 on feeding cups, since 1910 on hospital cups, since 1907 on irrigators, since 1916 on dressing jars, since 1924 on ointment jars, since 1922 on bedpans, since 1904 on douche pans, and since 1916 on pus pans and instrument trays.

224,779. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WEBER COSTELLO CO., Chicago Heights, Ill. Filed Aug. 6, 1925. Serial No. 218,512.

STERLING BLACKBOARD

Particular description of goods.—Blackboards.
Claims use since July 3, 1925.

224,780. (CLASS 39. CLOTHING.) ROSENBERG BROS. & CO., Rochester, N. Y. Filed Dec. 14, 1925. Serial No. 224,674.

THE BRADSTREET

Particular description of goods.—Men's Suits, Vests, Coats, and Pants.
Claims use since Oct. 1, 1925.

224,781. (CLASS 39. CLOTHING.) HARRY MILLER, New York, N. Y. Filed Nov. 11, 1925. Serial No. 223,133.

Miller's SUPREME WEAR

Particular description of goods.—Ladies' Knitted Underwear.
Claims use since 1919.

224,782. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JANE FLUETTE, Dallas, Tex. Filed Oct. 21, 1926. Serial No. 238,960.

Jane Fluette

Particular description of goods.—Hair Dyes, Hair-Dye Dissolvers, Face Creams, and Face Lotions.
Claims use since June 15, 1925.

224,783. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JANE FLUETTE, Dallas, Tex. Filed Oct. 18, 1926. Serial No. 238,781.

French Oil

Particular description of goods.—Preparation for Permanent Hair Waving.
Claims use since about June 15, 1923.

224,784. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) L C SMITH & CORONA TYPEWRITERS INC., Syracuse, N. Y. Filed Nov. 22, 1926. Serial No. 240,450.

L C Smith

Particular description of goods.—Typewriting Machines and Parts Thereof.
Claims use since Mar. 28, 1904.

224,785. (CLASS 45. BEVERAGES, NONALCOHOLIC.) TRUMAN M. GILL, Beeville, Tex. Filed Oct. 29, 1926. Serial No. 239,409.

Gill's "BOTTLED PURITY"

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks and Sirups for Making the Same.
Claims use since December, 1920.

224,786. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CELLAS', INC., also doing business as Labrocel Packing Co., Inc., also doing business as Fabrocel Packing Co., New York, N. Y. Filed July 22, 1926. Serial No. 234,894.



Particular description of goods.—Canned Fillets of Anchovies in Olive Oil.
Claims use since 1913.

224,787. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHERN FRUIT PRODUCERS, Minot, N. Dak. Filed May 19, 1926. Serial No. 231,880.

TEXASEEDLESS

Particular description of goods.—Fresh Grapefruit.
Claims use since Jan. 19, 1926.

224,788. (CLASS 32. FURNITURE AND UPHOLSTERY.) ELECTRIC CITY MATTRESS WORKS, INC., Schenectady, N. Y. Filed May 13, 1926. Serial No. 231,532.

"EVERDRI"

Particular description of goods.—Stuffed Crib Mattresses and Stuffed Baby Cushions.
Claims use since Jan. 15, 1926.

224,789. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN MORRELL & Co., Ottumwa, Iowa. Filed Apr. 29, 1926. Serial No. 230,892.

Yorkshire

Particular description of goods.—Poultry and Stock Feeds.
Claims use since March, 1913.

TRADE-MARK REGISTRATIONS RENEWED

48,558. REMEDIES FOR DISEASES OF THE THROAT, LUNGS, AND BRONCHIAL ORGANS. Registered January 2, 1906. HANNAH STRINGER. Renewed January 2, 1926, to Joseph Ushkow, doing business as Montauk Distributing Co., and under the name and style of the Montauk Pharmacal Co., New York, N. Y., assignee by mesne assignments.

51,382. CERTAIN NAMED CHOCOLATE AND COCOA PREPARATIONS. Registered April 17, 1906. AKTIEN-GESELLSCHAFT VEREINIGTE BERNER & ZURCHER CHOCOLADE-FABRIKEN LINDT & SPRUNGLI, Bern, Switzerland. Renewed April 17, 1926, to Lindt & Sprungli, Inc., New York, N. Y., a Corporation of New York, assignee.

51,999. STEAM TURBINES AND PARTS THEREOF. Registered May 1, 1906. CHARLES ALGERNON PARSONS. Renewed May 1, 1926, to C. A. Parsons & Company Limited, Newcastle-on-Tyne, England, a Limited-Liability Company of Great Britain, assignee.

53,470. CERTAIN NAMED FRUITS. Registered June 5, 1906. SOUTHERN CROSS FRUIT CO., Johnstown and New York, N. Y., and San Juan, P. R. Renewed June 5, 1926, to Hazelton S. Avery, San Juan, P. R., assignee by mesne assignments.

53,471. CERTAIN NAMED FRUITS. Registered June 5, 1906. SOUTHERN CROSS FRUIT CO., Johnstown and New York, N. Y., and San Juan, P. R. Renewed June 5, 1926, to Hazelton S. Avery, San Juan, P. R., assignee by mesne assignments.

54,507. CIGARS. Registered June 26, 1906. CABRERAS LIMITED, London, England, a Corporation of Great Britain. Renewed June 26, 1926.

56,261. CERTAIN NAMED MEATS. Registered September 4, 1906. SCHWARZSCHILD AND SULZBERGER COMPANY, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y. Renewed September 4, 1926, to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y., a Corporation of Delaware, successor.

56,468. SMOKED MEATS. Registered September 25, 1906. SCHWARZSCHILD AND SULZBERGER COMPANY, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y. Renewed September 25, 1926, to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y., a Corporation of Delaware, successor.

56,818. BUTTER. Registered October 23, 1906. THE CONTINENTAL CREAMERY COMPANY, Denver, Colo., and Topeka, Kans. Renewed October 23, 1926, to Beatrice Creamery Company, Chicago, Ill., a Corporation of Delaware, assignee by mesne assignments.

56,820. BUTTER. Registered October 23, 1906. THE CONTINENTAL CREAMERY COMPANY, Denver, Colo., and Topeka, Kans. Renewed October 23, 1926, to Beatrice Creamery Company, Chicago, Ill., a Corporation of Delaware, assignee by mesne assignments.

57,208. A REMEDY FOR DISEASES OF STOCK AND POULTRY. Registered November 6, 1906. WILLIAM S. BROWN, Rogersville, Tenn. Renewed November 6, 1926, to O. L. Wall, doing business as Brown Stock Medicine Company, Morristown, Tenn., assignee by mesne assignments.

57,348. PIANO PLAYERS AND COMBINATION PIANOS AND PIANO PLAYERS. Registered November 13, 1906. THE AUTO-GRAND PIANO CO., Newcastle, Ind. Renewed November 13, 1926, to The Werner Industries Company, Cincinnati, Ohio, a Corporation of Ohio, assignee by mesne assignments.

57,608. LARD AND CERTAIN NAMED MEATS. Registered November 13, 1906. SCHWARZSCHILD & SULZBERGER COMPANY, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y. Renewed November 13, 1926, to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y., a Corporation of Delaware, successor.

57,609. CERTAIN NAMED MEATS AND LARD. Registered November 13, 1906. SCHWARZSCHILD AND SULZBERGER COMPANY, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y. Renewed November 13, 1926, to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y., a Corporation of Delaware, successor.

57,610. ROAST BEEF, TONGUE, AND LARD. Registered November 13, 1906. SCHWARZSCHILD AND SULZBERGER COMPANY, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y. Renewed November 13, 1926, to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y., a Corporation of Delaware, successor.

57,655. BEER. Registered November 27, 1906. MEUX'S BREWERY COMPANY LIMITED, London, England, a Corporation of Great Britain. Renewed November 27, 1926.

57,957. PIANOS HAVING PLAYING ATTACHMENTS. Registered December 4, 1906. THE AUTO-GRAND PIANO COMPANY,, Newcastle, Ind. Renewed December 4, 1926, to The Werner Industries Company, Cincinnati, Ohio, a Corporation of Ohio, assignee by mesne assignments.

58,223. CHAIN AND CHAIN LINKS. Registered December 11, 1906. STANDARD CHAIN COMPANY, Pittsburgh, Pa. Renewed December 11, 1926, to American Chain Company, Inc., Bridgeport, Conn., a Corporation of New York, assignee.

58,240. PAINT OR COLORING MATERIAL. Registered December 11, 1906. JOHN LUCAS & Co. Renewed December 11, 1926, to John Lucas & Co. Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

58,241. PAINT AND VARNISH REMOVERS. Registered December 11, 1906. JOHN LUCAS & Co. Renewed December 11, 1926, to John Lucas & Co. Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

58,242. ENAMEL PAINTS. Registered December 11, 1906. JOHN LUCAS & Co. Renewed December 11, 1926, to John Lucas & Co. Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

58,385. ILLUMINATING OILS. Registered December 11, 1906. WARDEN & OZNARD, Pittsburgh, Pa. Renewed December 11, 1926.

58,641. BUTTER. Registered December 18, 1906. THE GEO. C. MANSFIELD CO., Milwaukee, Wis., a Corporation of Wisconsin. Renewed December 18, 1926.

58,701. LEAD PENCILS AND PENHOLDERS. Registered December 25, 1906. BLEISTIFTFABRIK VORMALS JOHANN FABER ACTIEN-GESELLSCHAFT, Nuremberg, Germany, a Corporation of Germany. Renewed December 25, 1926.

58,838. AN INSECTICIDE AND DEODORIZER. Registered December 25, 1906. HUBERT L. PALMITER, Columbus, N. Y. Renewed December 25, 1926, to Elizabeth E. Palmiter and H. Fay Palmiter, executors under the will of Hubert L. Palmiter, New Berlin, N. Y., successors.

58,849. COAL. Registered December 25, 1906. YARBROUGH & BELLINGER CO. Renewed December 25, 1926, to The Yarbrough & Bellinger Corp., Charlotte, N. C., a Corporation of North Carolina.

58,903. FOOD FOR POULTRY. Registered December 25, 1906. SAMUEL K. STRICKLER, Mifflinburg, Pa. Renewed December 25, 1926.

58,983. WIRE ROPE. Registered December 25, 1906. MACOMBER & WHYTE ROPE COMPANY, Chicago, Ill. Renewed December 25, 1926, to Macwhyte Company, Kenosha, Wis., a Corporation of Illinois, successor.

58,987. TABLETS FOR COLDS, COUGHS, AND BRONCHIAL AFFECTIONS. Registered December 25, 1906. JOHN H. PINE, Ardmore and Philadelphia, Pa. Renewed December 25, 1926, to Pine Brothers, Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

59,017. METAL HAIRPINS. Registered January 1, 1907. S. BEAUMONT & FILS, Roubaix, France. Renewed January 1, 1927.

59,051. LIQUEUR. Registered January 1, 1907. SCHALTIN & CIE. Renewed January 1, 1927, to Schaltin, Pierry & Co., Spa, Belgium, successors.

59,098. CURED, SMOKED, AND CANNED MEATS. Registered January 1, 1907. THE CUDAHY PACKING COMPANY, Chicago, Ill., and South Omaha, Nebr. Renewed January 1, 1927, to The Cudahy Packing Company, Chicago, Ill., a Corporation of Maine, assignee.

59,105. STEAM AND PRESSURE PACKING IN SHEET AND COIL FORM. Registered January 1, 1907. I. X. L. STEAM PACKING MANUFACTURING CO., New York, N. Y. Renewed January 1, 1927, to United States Rubber Company, New Brunswick, N. J., and New York, N. Y., a Corporation of New Jersey, successor.

59,118. COTTONSEED OILS. Registered January 1, 1907. THE SOUTHERN COTTON OIL COMPANY, Jersey City, N. J.; New York, N. Y.; Savannah, Ga.; and Gretna, La. Renewed January 1, 1927, to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La., a Corporation of New Jersey.

59,119. COTTONSEED OILS. Registered January 1, 1907. THE SOUTHERN COTTON OIL COMPANY, Jersey City, N. J.; New York, N. Y.; Savannah, Ga.; and Gretna, La. Renewed January 1, 1927, to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La., a Corporation of New Jersey.

59,120. COTTONSEED OILS. Registered January 1, 1907. THE SOUTHERN COTTON OIL COMPANY, Jersey City, N. J.; New York, N. Y.; Savannah, Ga.; and Gretna, La. Renewed January 1, 1927, to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La., a Corporation of New Jersey.

59,121. COTTONSEED OILS. Registered January 1, 1907. THE SOUTHERN COTTON OIL COMPANY, Jersey City, N. J.; New York, N. Y.; Savannah, Ga.; and Gretna, La. Renewed January 1, 1927, to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La., a Corporation of New Jersey.

59,122. COTTONSEED OIL. Registered January 1, 1907. THE SOUTHERN COTTON OIL COMPANY, Jersey City, N. J.; New York, N. Y.; Savannah, Ga.; and Gretna, La. Renewed January 1, 1927, to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La., a Corporation of New Jersey.

59,158. SEWING COTTON, CROCHET, EMBROIDERY, AND KNITTING COTTON. Registered January 1, 1907. CLARK & CO., LTD., Paisley, Scotland, a Corporation of Great Britain. Renewed January 1, 1927.

59,178. TOILET POWDER. Registered January 1, 1907. AMOLIN CHEMICAL COMPANY. Renewed January 1, 1927, to The Amolin Company, New York, N. Y., a Corporation of New Jersey, assignee by mesne assignments.

59,183. SOAP POWDER. Registered January 1, 1907. THE CUDAHY PACKING COMPANY, Chicago, Ill., and South Omaha, Nebr. Renewed January 1, 1927, to The Cudahy Packing Company, Chicago, Ill., a Corporation of Maine, assignee.

59,308. PRESERVED AND CANNED MEATS. Registered January 8, 1907. GORDON & DILWORTH, New York, N. Y. Renewed January 8, 1927, to Gordon & Dilworth, Inc., Hammonton, N. J., and Long Island City, N. Y., a Corporation of New York, assignee by mesne assignments.

59,396. SILVER-PLATED WARE COMPRISING FLAT AND HOLLOW WARE AND CUTLERY. Registered January 8, 1907. WM. A. ROGERS LTD., New York, N. Y. Renewed January 8, 1927, to Wm. A. Rogers, Limited, Niagara Falls, N. Y.; Northampton, Mass.; and Hartford and Wallingford, Conn., a Corporation of Ontario, Canada.

59,404. OUTER SHIRTS. Registered January 8, 1907. GREENEBAUM BROTHERS. Renewed January 8, 1927, to Greenebaum Bros. & Company, Philadelphia, Pa., assignee.

59,422. SILVER-PLATED WARE COMPRISING FLAT AND HOLLOW WARE AND CUTLERY. Registered January 8, 1907. WM. A. ROGERS LTD., New York, N. Y. Renewed January 8, 1927, to Wm. A. Rogers, Limited, Niagara Falls, N. Y.; Northampton, Mass.; and Hartford and Wallingford, Conn., a Corporation of Ontario, Canada.

59,474. CERTAIN NAMED BOATS AND ROAD VEHICLES. Registered January 8, 1907. EDMOND GENTIL, Neuilly-sur-Seine, France. Renewed January 8, 1927, to Societe Gentil & Cie., Courbevoie (Seine), France, a Joint-Stock Company of France, assignee.

59,499. PIANOS. Registered January 8, 1907. RICHMOND PIANO CO. Renewed January 8, 1927, to The Starr Piano Company, Richmond, Ind., a Corporation of Indiana, assignee.

59,505. CERTAIN NAMED LUBRICATING OILS. Registered January 8, 1907. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed January 8, 1927.

59,583. INSECTICIDES Registered January 8, 1907. DANIEL J. LAMBERT, Apponaug, R. I. Renewed January 8, 1927, to The O. K. Stock Food Company, Chicago, Ill., now by change of name Klein Lambert Co., Blue Island, Ill., a Corporation of Illinois, assignee.

59,599. TRUNKS MADE IN PART OF WOOD. Registered January 15, 1907. C. A. TAYLOR TRUNK WORKS, Chicago, Ill., a Corporation of Illinois. Renewed January 15, 1927.

59,795. WHEAT FLOUR. Registered January 15, 1907. THE REA-PATTERSON MILLING COMPANY, Coffeyville, Kans., a Corporation of Kansas. Renewed January 15, 1927.

59,816. AROMATIC SCHIEDAM SCHNAPPS. Registered January 15, 1907. UDOLPHO WOLFE, New York, N. Y. Renewed January 15, 1927, to Naamlooze Vennootschap Handelsvereeniging Udolpho Wolfe Company, Rotterdam, Holland, a Corporation of Holland, assignee.

59,889. CERTAIN PAINTS AND PAINTERS' MATERIALS. Registered January 22, 1907. JOHN LUCAS & CO. Renewed January 22, 1927, to John Lucas & Co. Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

59,910. PERFUMED SOAP. Registered January 22, 1907. A. & F. PEARS, LIMITED, London, England, a Corporation of Great Britain. Renewed January 22, 1927.

59,911. PERFUMED SOAP. Registered January 22, 1907. A. & F. PEARS, LIMITED, London, England, a Corporation of Great Britain. Renewed January 22, 1927.

59,961. PIG LEAD. Registered January 22, 1907. PICHER LEAD COMPANY, Joplin, Mo. Renewed January 22, 1927, to The Engle-Picher Lead Company, Chicago, Ill., a Corporation of Ohio, assignee.

60,000. LICORICE AND LICORICE PASTE. Registered January 22, 1907. MACANDREW & FORBES COMPANY, New York, N. Y. Renewed January 22, 1927, to The J. S. Young Company, Baltimore, Md., a Corporation of Maryland, successor.

60,007. CORSETS. Registered January 22, 1907. BESTEN & LANGEN, Louisville, Ky., a Corporation of Kentucky. Renewed January 22, 1927.

60,048. CENSERS, VAPORIZERS, AND VOLATILIZERS FOR MEDICAL COMPOUNDS. Registered January 22, 1907. THE VAPO-CRESOLENE COMPANY, Chatham, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed January 22, 1927.

60,049. CENSERS, VAPORIZERS, AND VOLATILIZERS FOR MEDICAL COMPOUNDS. Registered January 22, 1907. THE VAPO-CRESOLENE COMPANY, Chatham, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed January 22, 1927.

60,050. CENSERS, VAPORIZERS, AND VOLATILIZERS FOR MEDICAL COMPOUNDS. Registered January 22, 1907. THE VAPO-CRESOLENE COMPANY, Chatham, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed January 22, 1927.

60,051. CENSERS, VAPORIZERS, AND VOLATILIZERS FOR MEDICAL COMPOUNDS. Registered January 22, 1907. THE VAPO-CRESOLENE COMPANY, Chatham, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed January 22, 1927.

60,052. CENSERS, VAPORIZERS, AND VOLATILIZERS FOR MEDICAL COMPOUNDS. Registered January 22, 1907. THE VAPO-CRESOLENE COMPANY, Chatham, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed January 22, 1927.

60,057. PERFUMED SOAP. Registered January 29, 1907. A. & F. PEARS LIMITED, London, England, a Corporation of Great Britain. Renewed January 29, 1927.

60,062. PURE WHITE LEAD. Registered January 29, 1907. THE EAGLE WHITE LEAD CO., Cincinnati, Ohio. Renewed January 29, 1927, to The Eagle-Picher Lead Company, Chicago, Ill., a Corporation of Ohio, assignee.

60,085. CHOCOLATE AND COCOA. Registered January 29, 1907. "SAROTTI" CHOKOLADEN- & CACAO-INDUSTRIE AKTIENGESELLSCHAFT, Berlin, Germany. Renewed January 29, 1927, to "Sarotti" Aktiengesellschaft, Berlin-Tempelhof, Germany, a Joint-Stock Company of Germany, successor.

60,204. PIANOS. Registered January 29, 1907. THE STARR PIANO COMPANY, Richmond, Ind., a Corporation of Indiana. Renewed January 29, 1927.

60,283. CANNED MEATS AND LARD. Registered February 5, 1907. SCHWARZSCHILD & SULZBERGER COMPANY, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y. Renewed February 5, 1927, to Wilson & Co. Inc., Chicago, Ill., and New York, N. Y., a Corporation of Delaware, successor.

60,284. LARD. Registered February 5, 1907. SCHWARZSCHILD & SULZBERGER COMPANY, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y. Renewed February 5, 1927, to Wilson & Co. Inc., Chicago, Ill., and New York, N. Y., a Corporation of Delaware, successor.

60,317. CORDS, TWINES, AND ROPES. Registered February 5, 1907. SILVER LAKE COMPANY, Newton, Mass., a Corporation of Massachusetts. Renewed February 5, 1927.

60,319. CERTAIN MINERALS. Registered February 5, 1907. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed February 5, 1927.

60,338. STIFFENING CORDS, BLADES, TAPES, AND FABRICS. Registered February 5, 1907. THE WARREN FEATHERBONE CO. Renewed February 5, 1927, to Warren Featherbone Company, Three Oaks, Mich., a Corporation of Michigan, assignee.

60,354. AUTOGRAPHIC REGISTERS. Registered February 5, 1907. THE CARTER-CRUMB CO., LIMITED, Niagara Falls, N. Y. Renewed February 5, 1927, to American Sales Book Company, Limited, Toronto, Canada, and Niagara Falls and Elmira, N. Y., a Corporation of Ontario, Canada, assignee.

60,496. CERTAIN ERASERS OR ERASING COMPOSITIONS. Registered February 12, 1907. ADOLPH SOMMER, doing business as Viscol Company, Cambridge, Mass. Renewed February 12, 1927.

60,505. CARPET SWEEPERS. Registered February 12, 1907. BISSELL CARPET SWEEPER CO. Renewed February 12, 1927, to Bissell Carpet Sweeper Company, Grand Rapids, Mich., a Corporation of Michigan, assignee.

60,506. CARPET SWEEPERS. Registered February 12, 1907. BISSELL CARPET SWEEPER COMPANY. Renewed February 12, 1927, to Bissell Carpet Sweeper Company, Grand Rapids, Mich., a Corporation of Michigan, assignee.

60,507. CARPET SWEEPERS. Registered February 12, 1907. BISSELL CARPET SWEEPER COMPANY. Renewed February 12, 1927, to Bissell Carpet Sweeper Company, Grand Rapids, Mich., a Corporation of Michigan, assignee.

60,508. CARPET SWEEPERS. Registered February 12, 1907. BISSELL CARPET SWEEPER COMPANY. Renewed February 12, 1927, to Bissell Carpet Sweeper Company, Grand Rapids, Mich., a Corporation of Michigan, assignee.

60,515. CIGARS. Registered February 12, 1907. CIFUENTES, FERNANDEZ Y CA. Renewed February 12, 1927, to Cifuentes, Pego y Compania, Habana, Cuba, assignee.

60,575. LIGHTNING RODS COVERED OR PLATED WITH A LAYER OF COPPER. Registered February 12, 1907. ST. LOUIS LIGHTNING ROD CO., St. Louis, Mo., a Corporation of Missouri. Renewed February 12, 1927.

60,710. CERTAIN FOOD PREPARATIONS. Registered February 19, 1907. SHERER-GILLETT COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed February 19, 1927.

60,728. CARTRIDGES: POWDER, AND PERCUSSION CAPS. Registered February 19, 1907. THE PETERS CARTRIDGE COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed February 19, 1927.

60,825. A MEDICATED PREPARATION FOR THE HAIR, SCALP, AND SKIN. Registered February 19, 1907. BARCLAY & BARCLAY. Renewed February 19, 1927, to Barclay & Co. (Incorporated), New York, N. Y., a Corporation of Delaware, assignee.

60,849. CERTAIN TOILET AND MEDICINAL PREPARATIONS. Registered February 19, 1907. SHERER-GILLETT COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed February 19, 1927.

60,861. PRESERVED AND CANNED FRUITS AND VEGETABLES. Registered February 26, 1907. GORDON & DILWORTH, New York, N. Y. Renewed February 26, 1927, to Gordon & Dilworth, Inc., Hammonton, N. J., and Long Island City, N. Y., a Corporation of New York, assignee by mesne assignments.

60,929. LEATHER SHOES, BOOTS, AND SLIPPERS. Registered February 26, 1907. THE SLATER SHOE COMPANY. Renewed February 26, 1927, to The Slater Shoe Company, Limited, Montreal, Canada, a Corporation of Canada.

60,993. PURE WHITE LEAD. Registered February 26, 1907. THE EAGLE WHITE LEAD COMPANY, Cincinnati, Ohio. Renewed February 26, 1927, to The Eagle-Picher Lead Company, Chicago, Ill., a Corporation of Ohio, assignee.

61,081. SOAP. Registered March 5, 1907. THE POMPEIAN MFG. CO., Cleveland, Ohio, a Corporation of Ohio. Renewed March 5, 1927.

61,120. WRAPPING PAPER, PAPERBOARDS, AND PAPER BAGS. Registered March 5, 1907. THE UNION BAG & PAPER COMPANY, New York, N. Y. Renewed March 5, 1927, to Union Bag & Paper Corporation, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey, assignee.

61,121. WRAPPING PAPER AND PAPERBOARDS. Registered March 5, 1907. THE UNION BAG & PAPER COMPANY, New York, N. Y. Renewed March 5, 1927, to Union Bag & Paper Corporation, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey, assignee.

61,146. CARPET SWEEPERS. Registered March 5, 1907. BISSELL CARPET SWEEPER COMPANY. Renewed March 5, 1927, to Bissell Carpet Sweeper Company, Grand Rapids, Mich., a Corporation of Michigan, assignee.

61,147. CARPET SWEEPERS. Registered March 5, 1907. BISSELL CARPET SWEEPER COMPANY. Renewed March 5, 1927, to Bissell Carpet Sweeper Company, Grand Rapids, Mich., a Corporation of Michigan, assignee.

61,178. HOSIERY. Registered March 5, 1907. HERMANN STÄRKER, Chemnitz, Germany, and New York, N. Y. Renewed March 5, 1927, to Hermann Starker Aktiengesellschaft, Chemnitz, Germany, a Corporation of Germany, successor.

61,228. BEEF OIL OR FAT. Registered March 12, 1907. SCHWARZSCHILD AND SULZBERGER Co. Renewed March 12, 1927, to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y., a Corporation of Delaware, successor.

61,232. CERTAIN NAMED MEDICINAL AND TOILET PREPARATIONS. Registered March 12, 1907. BARCLAY & BARCLAY. Renewed March 12, 1927, to Barclay & Co. (Incorporated), New York, N. Y., a Corporation of Delaware, assignee.

61,270. DENATURED ALCOHOL. Registered March 12, 1907. U. S. INDUSTRIAL ALCOHOL Co., New York, N. Y., a Corporation of West Virginia. Renewed March 12, 1927.

61,286. SOAP. Registered March 12, 1907. BARCLAY & BARCLAY. Renewed March 12, 1927, to Barclay & Co. (Incorporated), New York, N. Y., a Corporation of Delaware, assignee.

61,329. METAL GRIPS FOR CABLES, ROPES, CHAINS, AND RODS. Registered March 12, 1907. UNIVERSAL CABLE GRIP COMPANY, Skaneateles, N. Y., a Corporation of New York. Renewed March 12, 1927.

61,415. LOTIONS. Registered March 19, 1907. CHARLES W. DAVIS, Pittsburgh, Pa. Renewed March 19, 1927.

61,508. INCANDESCENT ELECTRIC LAMPS. Registered March 26, 1907. THE FRANKLIN ELECTRIC MFG. Co., Hartford, Conn., and New York, N. Y. Renewed March 26, 1927, to Westinghouse Lamp Company, Bloomfield, N. J., a Corporation of Pennsylvania, assignee.

61,787. CANNED SARDINES. Registered April 2, 1907. NORTH LUBEC MFG. & CANNING Co., North Lubec, Me., a Corporation of Maine. Renewed April 2, 1927.

61,813. VARNISHES, STAINS, JAPANS, SURFACERS, AND INTERIOR AND EXTERIOR FINISHES. Registered April 9, 1907. NOAKE-WHEELER-CLOUGH COMPANY. Renewed April 9, 1927, to Wheeler Varnish Works, Chicago, Ill., a Corporation of Illinois, assignee.

61,822. COTTONSEED OILS. Registered April 9, 1907. THE SOUTHERN COTTON OIL COMPANY, New York, N. Y.; Jersey City, N. J.; Savannah, Ga.; and Gretna, La. Renewed April 9, 1927, to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La., a Corporation of New Jersey.

61,840. COTTONSEED OILS. Registered April 9, 1907. THE SOUTHERN COTTON OIL COMPANY, New York, N. Y.; Jersey City, N. J.; Savannah, Ga.; and Gretna, La. Renewed April 9, 1927, to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La., a Corporation of New Jersey.

61,945. A TOILET ROUGE. Registered April 9, 1907. EVA M. HETSEL, Scranton, Pa. Renewed April 9, 1927

61,978. HIGH EXPLOSIVES. Registered April 16, 1907. THE EASTERN DYNAMITE COMPANY, Kenvil, N. J. Renewed April 16, 1927, to E. I. du Pont de Nemours and Company, Wilmington, Del., a Corporation of Delaware, assignee by mesne assignments.

62,067. FINGER-NAIL CLIPPERS. Registered April 16, 1907. THE H. C. COOK COMPANY, Ansonia, Conn., a Corporation of Connecticut. Renewed April 16, 1927.

62,273. COTTONSEED OILS. Registered April 30, 1907. THE SOUTHERN COTTON OIL COMPANY, Jersey City, N. J.; New York, N. Y.; Savannah, Ga.; and Gretna, La. Renewed April 30, 1927, to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La., a Corporation of New Jersey.

62,480. HIGH EXPLOSIVES AND CERTAIN BLASTING SUPPLIES. Registered May 7, 1907. THE EASTERN DYNAMITE COMPANY, Kenvil, N. J. Renewed May 7, 1927, to E. I. du Pont de Nemours and Company, Wilmington, Del., a Corporation of Delaware, assignee by mesne assignments.

62,509. SHOE-POLISH PASTE. Registered May 14, 1907. THE F. F. DALLEY CO. OF HAMILTON, LIMITED, Hamilton, Ontario, Canada. Renewed May 14, 1927, to 2 in 1 Shinola-Bixby Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

62,616. CERTAIN TOILET PREPARATIONS. Registered May 14, 1907. FREDERICK STEARNS & COMPANY, Detroit, Mich., a Corporation of Michigan. Renewed May 14, 1927.

62,632. ELASTIC BANDAGES, SUPPORTERS, AND SUSPENSORIES. Registered May 21, 1907. A. G. SPALDING & BROS., Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed May 21, 1927.

62,670. CERTAIN KNIT GOODS. Registered May 21, 1907. A. G. SPALDING & BROS., Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed May 21, 1927.

62,801. CERTAIN MACHINERY. Registered May 28, 1907. THE ORGAN POWER CORPORATION, Hartford, Conn. Renewed May 28, 1927, to The Spencer Turbine Company, West Hartford, Conn., a Corporation of Connecticut, assignee.

62,816. CERTAIN MACHINERY. Registered May 28, 1907. THE ORGAN POWER CORPORATION, Hartford, Conn. Renewed May 28, 1927, to The Spencer Turbine Company, West Hartford, Conn., a Corporation of Connecticut, assignee.

62,823. COFFEE. Registered May 28, 1907. THE WOOLSON SPICE COMPANY, Toledo, Ohio, a Corporation of Ohio. Renewed May 28, 1927.

62,824. COFFEE. Registered May 28, 1907. THE WOOLSON SPICE COMPANY, Toledo, Ohio, a Corporation of Ohio. Renewed May 28, 1927.

62,890. CERTAIN PHARMACEUTICAL PREPARATION. Registered May 28, 1907. OZOJELL CO. Renewed May 28, 1927, to T. A. Slocum Co., New York, N. Y., a Corporation of New York, successor.

62,915. AMMONIA, BLUE, BLUING, WASHING CRYSTAL, GLOSS STARCH, SAFFRON, BAKING POWDER, AND GLYCERIN. Registered May 28, 1907. SHERER-GILLETT COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed May 28, 1927.

62,946. LAUNDRY STARCH. Registered May 28, 1907. SHERER-GILLETT COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed May 28, 1927.

62,960. CERTAIN PAINTERS' MATERIALS. Registered June 4, 1907. PENINSULAR PAINT AND VARNISH COMPANY LTD. Renewed June 4, 1927, to Peninsular Paint and Varnish Company, Detroit, Mich., a Corporation of Michigan, assignee.

63,011. UTERINE TONICS. Registered June 4, 1907. RIO CHEMICAL Co., New York, N. Y., a Corporation of Missouri. Renewed June 4, 1927.

63,012. MUCOUS ASTRINGENT FOR INTERNAL AND EXTERNAL USE. Registered June 4, 1907. RIO CHEMICAL Co., New York, N. Y., a Corporation of Missouri. Renewed June 4, 1927.

63,071. COCOA AND CHOCOLATE. Registered June 4, 1907. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Renewed June 4, 1927, to The Great Atlantic & Pacific Tea Company, Jersey City, N. J., a Corporation of New Jersey.

63,089. SIRUPS. Registered June 4, 1907. ALABAMA-GEORGIA SYRUP COMPANY, Montgomery, Ala., a Corporation of Alabama. Renewed June 4, 1927.

63,109. RIBBONS. Registered June 4, 1907. L. & E. STIEN, New York, N. Y. Renewed June 4, 1927.

63,110. RIBBONS. Registered June 4, 1907. L. & E. STIEN, New York, N. Y. Renewed June 4, 1927.

63,147. VARNISHES, JAPANS, AND ENAMELS. Registered June 11, 1907. STANDARD VARNISH WORKS, New York, N. Y., a Corporation of New York. Renewed June 11, 1927.

63,153. RUBBER BOOTS AND SHOES. Registered June 11, 1907. GOODYEAR RUBBER COMPANY, New York, N. Y., a Corporation of New York. Renewed June 11, 1927.

63,284. CONDENSED MILK. Registered June 11, 1907. MOHAWK CONDENSED MILK Co., St. Johnsville, N. Y. Renewed June 11, 1927, to Mohawk Condensed Milk Company, Oconomowoc, Wis., a Corporation of New York.

63,301. PLOWS. Registered June 11, 1907. WIARD PLOW COMPANY, Batavia, N. Y., a Corporation of New York. Renewed June 11, 1927.

63,309. CERTAIN FOODS. Registered June 11, 1907. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Renewed June 11, 1927, to The Great Atlantic & Pacific Tea Company, Jersey City, N. J., a Corporation of New Jersey.

63,359. BONE PHOSPHATE. Registered June 18, 1907. BAUGH & SONS COMPANY, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 18, 1927.

63,407. CUTLERY IN GENERAL AND OTHER HAND TOOLS HAVING A CUTTING EDGE. Registered June 18, 1907. JOSEPH ALLEN & SONS LIMITED, Sheffield, England, a Corporation of Great Britain. Renewed June 18, 1927.

63,467. LIQUID CHEMICAL PREPARATION. Registered June 25, 1907. HENRY B. CABOT and HELEN N. CABOT, executors of Samuel Cabot, deceased. Renewed June 25, 1927, to Samuel Cabot, Inc., Boston, Mass., a Corporation of Massachusetts, assignees.

63,492. BEER. Registered June 25, 1907. G. HEILEMAN BREWING Co., La Crosse, Wis., a Corporation of Wisconsin. Renewed June 25, 1927.

63,652. INSECT POISON. Registered July 2, 1907. HARRY LYSLE SQUIRES, Morgan City, La. Renewed July 2, 1927, to Harry Lysle Squires, New Orleans, La.

63,671. PRINTED AND DYED TEXTILE FABRICS. Registered July 2, 1907. THE EDDYSTONE MANUFACTURING COMPANY, Eddystone and Philadelphia, Pa. Renewed July 2, 1927, to The Eddystone Manufacturing Company, Eddystone, Pa., a Corporation of Pennsylvania.

63,672. PRINTED AND DYED TEXTILE FABRICS. Registered July 2, 1907. THE EDDYSTONE MANUFACTURING COMPANY, Eddystone and Philadelphia, Pa. Renewed July 2, 1927, to The Eddystone Manufacturing Company, Eddystone, Pa., a Corporation of Pennsylvania.

63,728. COFFEE. Registered July 2, 1907. W. H. HARRISON & Co. Renewed July 2, 1927, to The W. H. Harrison Co., Cincinnati, Ohio, a Corporation of Ohio, successor.

LABELS

REGISTERED MARCH 1, 1927.

31,698.—*Title:* AER-PRUF. For Aer-Pruf. AER-PRUF MANUFACTURING COMPANY, INC., Mitchell, S. Dak. Published December 1, 1926.

31,699.—*Title:* STAR BUILDING BLOCKS. For Building Blocks. AMERICAN NOVELTY WORKS, Herndon, Pa. Published January 10, 1924.

31,700.—*Title:* BARKER'S POULTRY TAPE WORM REMOVER. For Poultry Tape-Worm Remover. THE BARKER, MOORE & MEIN MEDICINE Co., INC., Philadelphia, Pa. Published December 28, 1926.

31,701.—*Title:* BARKER'S CHICK DIARRHOEA REMEDY. For Chick Diarrhea Remedy. THE BARKER, MOORE & MEIN MEDICINE Co., INC., Philadelphia, Pa. Published December 27, 1926.

31,702.—*Title:* BARKER'S POULTRY WORM OIL. For Poultry Worm Oil. THE BARKER, MOORE & MEIN MEDICINE Co., INC., Philadelphia, Pa. Published December 27, 1926.

31,703.—*Title:* MIL-BEN OINTMENT. For Ointment. ALBERT BRANDT, Trenton, N. J. Published January 24, 1927.

31,704.—*Title:* FRUIT-O. For a Soft Drink Compounded of Fruit Extractions and Granulated Sugar in Concentrated Dry Form. CARY G. BROOKS, doing business as Fruit-O Products Co., Indianapolis, Ind. Published April 1, 1926.

31,705.—*Title:* CALPORT. For Wine Grape Tonic. CALIFORNIA WINE GRAPE PRODUCTS, INC., San Francisco, Calif. Published October 20, 1926.

31,706.—*Title:* KNO-KORE. For Lime Products. CHEMICAL LIME COMPANY, Bellefonte, Pa. Published January 13, 1927.

31,707.—*Title:* CLOPIN. For a Cod-Liver-Oil Powder. CLOPIN COMPANY, Poughkeepsie, N. Y. Published January 19, 1927.

31,708.—*Title:* I AM NO ROAD ARE YOU I GIVE HALF. For Signs. A. C. ERWIN, Hope, Ark. Published January 10, 1927.

31,709.—*Title:* STADOWN. For Leather-Finishing Compound. ESSEX CHEMICAL Co., Danvers, Mass. Published January 24, 1927.

31,710.—*Title:* EVER FRESH BUTTER. For Butter. EVER FRESH BUTTER CORPORATION, New York, N. Y. Published January 19, 1927.

31,711.—*Title:* HE-MAN. For Suspensory Bandages. LEWIS A. FRITSCH, Cincinnati, Ohio. Published July 5, 1926.

31,712.—*Title:* REDDIE. For Chick Mash. GENERAL COMMISSION Co., Kansas City, Mo. Published November 15, 1926.

31,713.—*Title:* DUCK. For Fresh Cherries. R. L. GERARD, Lodi, Calif. Published October 4, 1926.

31,714.—*Title:* EXTRA QUALITY SWISS BRAND. For Creamery Butter. GRAY-VON ALLMEN SANITARY MILK COMPANY, INC., Louisville, Ky. Published September 30, 1925.

31,715.—*Title:* TASTE-TELLS MINCED BANBURY 'FRUIT-OH!' For Minced Fruits. HEINTZ, MERKLE & Co., (INC.), Philadelphia, Pa. Published January 13, 1927.

31,716.—*Title:* JELL-JELL. For a Gelatin Powder. B. HELLER & COMPANY, Chicago, Ill. Published January 15, 1927.

31,717.—*Title:* STAR BRAND COPPER TACKS. For Copper Tacks. U. T. HUNGERFORD BRASS & COPPER Co., assignor to The Chase Brass Companies, Inc., New York, N. Y., a Corporation of New York. Published December 16, 1926.

31,718.—*Title:* VELVET. For Minted Lime. THE INTERNATIONAL COMPANY, Baltimore, Md. Published November 5, 1926.

31,719.—*Title:* K. O. For Dog Biscuits. K. O. SUPPLY COMPANY, INC., Portland, Oreg. Published November 24, 1926.

31,720. *Title:* A. P. LITTLE INC., QUALITY CARBON PAPER. For Carbon Paper. A. P. LITTLE INC., Rochester, N. Y. Published November 20, 1926.

31,721.—*Title:* LONG'S NOX-PANE TABLETS. For Tablets for the Relief of Pain. DENNIS B. LONG, Battle Creek, Mich. Published December 2, 1926.

31,722.—*Title:* JELL-IT. For Gelatin Desserts. ADOLF J. MAINZER, INC., Long Island City, N. Y. Published January 26, 1926.

31,723.—*Title:* MARKARIAN'S GOLDEN FIGS. For Figs. MARKARIAN FIG GARDENS, Fresno, Calif. Published January 5. 1927.

31,724.—*Title:* McKEONS. For Canned Peaches. McKEON CANNING COMPANY, INC., Burbank, Calif. Published November 15, 1926.

31,725.—*Title:* PLAYER SALTED PEANUTS. For Salted Peanuts. MILLER PEANUT PRODUCTS CO., Detroit, Mich. Published November 14, 1926.

31,726.—*Title:* MURRAY'S SUPERIOR HAIR DRESSING POMADE. For Hair Pomades and Hairdressings Generally. CHAS. D. MURRAY, doing business as "Murray's Superior Products Co.", Chicago, Ill. Published October 18, 1926.

31,727.—*Title:* NATIONAL'S BEST COCOANUT COOKIES. For Cookies. NATIONAL TEA CO., Chicago, Ill. Published November 15, 1926.

31,728.—*Title:* NATIONAL'S BEST LEMON COOKIES. For Cookies. NATIONAL TEA CO., Chicago, Ill. Published November 15, 1926.

31,729.—*Title:* NATIONAL'S BEST SUGAR COOKIES. For Cookies. NATIONAL TEA CO., Chicago, Ill. Published November 15, 1926.

31,730.—*Title:* NATIONAL'S BEST FRUIT COOKIES. For Cookies. NATIONAL TEA CO., Chicago, Ill. Published November 15, 1926.

31,731.—*Title:* NATIONAL BRAND MUSTARD. For Mustard. NATIONAL TEA CO., Chicago, Ill. Published December 16, 1926.

31,732.—*Title:* NILES DRESSING FOR DIABETICS. For an Adjuvant. WILLIAM H. NILES, Kingston, N. Y. Published January 26, 1927.

31,733.—*Title:* DIAMOND LUSTRE POLISH. For a Polish for Enamel or Varnished Surfaces. RESEARCH CLUB, INC., Chicago, Ill. Published September 1, 1925.

31,734.—*Title:* ROOSTER. For Oranges. SANTIAGO ORANGE GROWERS ASSOCIATION, Orange, Calif. Published January 1, 1927.

31,735.—*Title:* FITZ-U. For Bow Ties. SOL SHERMAN, New York, N. Y. Published November 15, 1926.

31,736.—*Title:* YANKEE DOODLE DANDY CANDY. For Candy. FLORENCE A. THOMSON, doing business as Floriana Candy Company, Philadelphia, Pa. Published November 17, 1926.

31,737.—*Title:* VARSIN COLD CAPS. For Cold Capsules. VARSIN CO., Wheeling, W. Va. Published December 24, 1926.

31,738.—*Title:* WON'T FREEZE. For an Antifreeze Compound for Gasoline Motors. E. WEGNER & SONS, Brooklyn, N. Y. Published January 12, 1927.

31,739.—*Title:* THE J. W. P. For Rubber Auto Enamel. VERBIN C. WOGOMAN, doing business as Wogoman Paint & Varnish Co., Los Angeles, Calif. Published December 1, 1926.

PRINTS

REGISTERED MARCH 1, 1927.

9,537.—*Title:* OXFORD ARISTOCRAT OF BOWS A PAGE FROM FASHION'S HAND-BOOK. For Men's Bow Ties. BELLE NECKWEAR COMPANY, New York, N. Y. Published October 25, 1926.

9,538.—*Title:* CINCY'S FAVORITE DRINK—BOAT HOUSE COFFEE. For Coffee. THE BOAT HOUSE COFFEE COMPANY, Cincinnati, Ohio. Published December 23, 1926.

9,539.—*Title:* PLAY CHECKER FOOTBALL. For Games. GEORGE B. BOSCO, Chicago, Ill. Published November 22, 1926.

9,540.—*Title:* MADE UP TO A STANDARD, NOT DOWN TO A PRICE. For Candies. E. J. BRACH & SONS, Chicago, Ill. Published December 15, 1926.

9,541.—*Title:* MILL-BEN OINTMENT. For Ointment. ALBERT BRANDT, Trenton, N. J. Published January 24, 1927.

9,542.—*Title:* TASTES GOOD!—WITH A SANDWICH. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 3, 1927.

9,543.—*Title:* ICE COLD COCA-COLA SOLD HERE. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 3, 1927.

9,544.—*Title:* DRINK COCA-COLA DELICIOUS AND REFRESHING. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 3, 1927.

9,545.—*Title:* DRINK COCA-COLA DELICIOUS AND REFRESHING. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published December 1, 1926.

9,546.—*Title:* WHY SPECIALISTS USE IT IN CEREAL FEEDING. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published January 22, 1927.

9,547.—*Title:* MAKE SOME DELICIOUS PINEAPPLE JAM TODAY. For Certo. DOUGLAS-PECTIN CORP., Rochester, N. Y. Published December 28, 1926.

9,548.—*Title:* TREAT THE FAMILY TO SOME DELICIOUS GRAPE JELLY TODAY. For Certo. DOUGLAS-PECTIN CORP., Rochester, N. Y. Published December 28, 1926.

9,549.—*Title:* CERTO FOR MAKING PERFECT JAMS, JELLIES & MARMALADES. For Certo. DOUGLAS-PECTIN CORP., Rochester, N. Y. Published January 6, 1927.

9,550.—*Title:* CERTO FOR MAKING PERFECT JAMS & JELLIES. For Certo. DOUGLAS-PECTIN CORP., Rochester, N. Y. Published January 6, 1927.

9,551.—*Title:* CERTO FOR MAKING JAMS & JELLIES WITH ONLY 1 MINUTE'S BOILING. For Certo. DOUGLAS PECTIN CORP., Rochester, N. Y. Published January 17, 1927.

9,552.—*Title:* SAVES THE FRESH FRUIT FLAVOR & COLOR. For Certo. DOUGLAS PECTIN CORP., Rochester, N. Y. Published January 17, 1927.

9,553.—*Title:* AWNINGS OF EXCEPTIONAL EXCELLENCE. For Awnings, Tents, Canopies, Etc. LOUIS ELLINGSON, doing business as North American Tent and Awning Company, Chicago, Ill. Published November 27, 1926.

9,554.—*Title:* CHART NO. 999 DIRECTIONS FOR BEVERAGE BOTTLERS—WATER BOTTLERS, SODA FOUNTAINS—SOFT DRINK STANDS, RESTAURANTS—KITCHENS. For Sodium Hypochlorite Fluid. GENERAL LABORATORIES, Madison, Wis. Published December 20, 1926.

9,555.—*Title:* GOLDEN GIANT. For Gloves and Mittens. HARPHAM BROTHERS COMPANY, Lincoln, Nebr. Published November 27, 1926.

9,556.—*Title:* FURS OF QUALITY. For Furs and Fur Goods. HUDSON BAY FUR CO., INC., Seattle, Wash. Published December 5, 1926.

9,557.—*Title:* UNLIKE ANY OTHER HEADLIGHT! For Automobile Lamps. INDIANA LAMP CORPORATION, Connersville, Ind. Published December 23, 1926.

9,558.—*Title:* THE SENSATION OF THE SHOWS! For Automobile Lamps. INDIANA LAMP CORPORATION, Connersville, Ind. Published January 1, 1927.

9,559.—*Title:* MONARCH. For Food Products. REID, MURDOCH & Co., Chicago, Ill. Published January 13, 1927.

9,560.—*Title:* NO OTHER CIGARETTE EVER HAD SO MANY MILLIONS OF FRIENDS. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 13, 1926.

9,561.—*Title:* A SMOKING PLEASURE THAT NEVER FAILS. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 27, 1926.

9,562.—*Title:* IT'S MIGHTY EASY TO LIKE THE BEST. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 10, 1926.

9,563.—*Title:* CAMEL ATTRACTS THE QUALITY SMOKER. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published December 18, 1926.

9,564.—*Title:* 'SPEAKING OF FINE TOBACCO—HAVE A CAMEL!' For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 1, 1927.

9,565.—*Title:* YOU ARE AN EXPERIENCED SMOKER AND YOU KNOW YOUR BRAND! For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 15, 1927.

9,566.—*Title:* P. A. REVISES ALL YOUR PIPE-IDEAS. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published December 25, 1926.

9,567.—*Title:* PRINCE ALBERT IS SURELY ONE GRAND AND GLORIOUS SMOKE. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published December 11, 1926.

9,568.—*Title:* WE'VE COME A LONG WAY TOGETHER. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 27, 1926.

9,569.—*Title:* I'D LIKE TO MAKE A FRIENDLY WAGER. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 13, 1926.

9,570.—*Title:* WHEN THE THANKSGIVING FEAST IS SPREAD—AND GAY FRIENDS GATHER—WHEN YOU'RE JOYOUSLY THANKFUL FOR ANOTHER YEAR OF HEALTH AND PLENTY—HAVE A CAMEL! For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 1, 1926.

9,571.—*Title:* I TAKE MY TOBACCO SERIOUSLY. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 30, 1926.

9,572.—*Title:* THE FIRST FRAGRANT WHIFF WON ME! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 16, 1926.

9,573.—*Title:* WHEN THE TREE IS TRIMMED FOR THE GREAT DAY—WHEN THE PEACE AND GOOD CHEER OF CHRISTMAS ARE ALMOST HERE—HAVE A CAMEL! For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published December 1, 1926.

9,574.—*Title:* FOR EVERY PIPE-SMOKER ON YOUR LIST. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published December 18, 1926.

9,575.—*Title:* P. A. SAYS 'MERRY CHRISTMAS' IN CAPITAL LETTERS. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published December 20, 1926.

9,576.—*Title:* THE WORLD'S FAVORITE SMOKE-WORDS "HAVE A CAMEL." For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 4, 1926.

9,577.—*Title:* "HAVE A CAMEL" IS MUSIC TO YOUR EARS. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 18, 1926.

9,578.—*Title:* 'HAVE A CAMEL' INVITES YOU TO THE WORLD'S MOST POPULAR SMOKE. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 1, 1926.

9,579.—*Title:* 'HAVE A CAMEL' AN INVITATION TO CONTENTMENT. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 15, 1926.

9,580.—*Title:* WHAT MORE COULD A FELLOW ASK? For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 8, 1927.

9,581.—*Title:* DRINK ORANGE JUICE EVERY DAY AT ORANGE MILL STANDS. For Orange Juice. GEORGE W. ROOT, doing business as Chevoy Sales Co., Toledo, Ohio. Published January 14, 1927.

9,582.—*Title:* GOOD LUCK STORES INC. For Groceries. A. A. SIMPSON, San Antonio, Tex. Published December 21, 1926.

9,583.—*Title:* THE FRUITS AND FLAVORS USED AT THIS FOUNTAIN. For Soda-Fountain Supplies. J. HUNGERFORD SMITH CO., Rochester, N. Y. Published January 14, 1927.

9,584.—*Title:* DRINK ROCHESTER ROOT BEER. For Root Beer. J. HUNGERFORD SMITH CO., Rochester, N. Y. Published January 14, 1927.

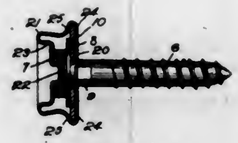
9,585.—*Title:* SPARK-LIN-ALE. For Ginger Ale. SPARK-LIN-ALE, INC., New York, N. Y. Published January 10, 1927.

9,586.—*Title:* THORENS INC. For Cigar Lighters. THORENS INC., New York, N. Y. Published Nov. 19, 1926.

REISSUES

MARCH 1, 1927.

16,561. STUD. MOSES F. CARR, Lexington, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed Oct. 31, 1924. Serial No. 747,123. Original No. 1,433,783, dated Oct. 31, 1922, Serial No. 450,751, filed Mar. 8, 1921. 4 Claims. (Cl. 24—219.)



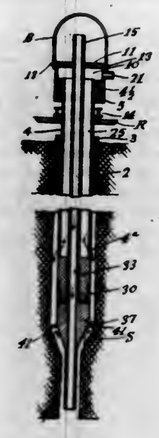
4. A stud for stud and socket fasteners comprising, in combination, a cap unit for engagement with a corporating socket and an attaching unit for securing the stud to a suitable carrying medium, said cap unit presenting a head, a base and a generally tapered wall connecting said head and base to provide a neck, said attaching unit having a threaded shank portion, a relatively short head, and a relatively thin portion between the head and shank of the attaching unit to which is secured the cap member by crimping a portion thereof beneath said relatively thin portion, and interengaging means cooperating between the head of the cap member and the head of the attaching unit to prevent relative rotation between the two units.

16,562. BUTTER AND CREAM TREATING PROCESS. ROBERT K. COONEY, Toledo, Ohio, assignor, by direct and mesne assignments, to Campbell-Cooney Patents Co., Homer, Mich., a Corporation of Michigan. Filed Oct. 11, 1926. Serial No. 140,765. Original No. 1,599,649, dated Sept. 14, 1926, Serial No. 758,876, filed Dec. 30, 1924. Renewed Feb. 24, 1926. 6 Claims. (Cl. 99—11.)

5. The process of treating sour cream for producing a uniform product comprising promoting separability by disseminating a reacting agent effective upon the nonfat solids of cream in decreasing the acidity of the cream, rendering the cream fluid and of even consistency including agitating and warming, and subjecting to centrifugal action whereby substantially all of the reaction products of the reacting agent are removed.

16,563. METHOD FOR MAKING PRODUCTION TESTS IN WELL DRILLING. GEORGE A. MACREADY, Bakersfield, Calif. Filed Feb. 8, 1926. Serial No. 86,945. Original application filed July 25, 1922, Serial No. 577,433. Divided and application filed Aug. 2, 1928, Serial No. 655,205. Original No. 1,522,197, dated Jan. 6, 1925. 10 Claims. (Cl. 166—21.)

1. The method of making production tests in deep wells which comprises lowering a tube into the well, forming a seal between the tube and the well wall so as to prevent fluid above the seal from entering the tube below the seal, withdrawing a sample of fluid from below the seal through the tube, preventing the tube from becoming stuck in the well while taking the sample by moving a



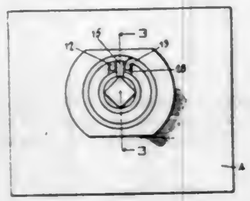
second tube in the well above the seal about the first tube, and withdrawing the tubes from the well after the sample has been taken.

16,564. METAL FLOAT. CLYDE C. MANCHESTER, Toledo, Ohio, assignor, by mesne assignments, to The Ayling & Reichert Company, Toledo, Ohio, a Corporation of Ohio (Incorporated 1926). Filed Aug. 13, 1926. Serial No. 129,064. Original No. 1,567,968, dated Dec. 29, 1925, Serial No. 17,468, filed Mar. 23, 1925. 5 Claims. (Cl. 137—104.)



1. The method of securing a spud to a thin metal float, which consists in forming the float with an inwardly flanged aperture of a dimension to closely fit the spud, placing a heavy washer around said flanged aperture, inserting the spud into said aperture, centering a riveting tool with respect to the inner face of the spud, the working face of said tool being adapted to spread radially outward the metal of the spud, and applying force to the tool to press the metal of the spud radially outward against the said washer with the flanges metal of the float compressed therebetween.

16,565. CLUTCH DEVICE. HUBERT A. MYERS, Toledo, Ohio. Filed Jan. 19, 1927. Serial No. 162,189. Original No. 1,534,804, dated Apr. 21, 1925, Serial No. 672,044, filed Nov. 1, 1923. 6 Claims. (Cl. 192—8.)



1. In a clutch device, a pair of members, one contained within the other and one rotatable relative to the other, a spring located between the members for normally frictionally engaging one of the members, one of the members having a recess and the spring having its ends located in the recess for positively engaging the said last named member; a third member located within the inner of the said members and having a flange part located in said recess for engaging the ends of the spring, either end of the spring engaging the member having the recess, for releasing the frictional engagement through the spring and rotating the last named members in either direction.

16,566. BATHING SHOE. EDNA SANGUINET WARD, Fort Worth, Tex. Filed Oct. 27, 1926. Serial No. 144,635. Original No. 1,593,889, dated July 27, 1926, Serial No. 45,099, filed July 25, 1925. 7 Claims. (Cl. 36—1.)



1. A shoe for bathing purposes comprising a body member of soft waterproof material, a sole of harder waterproof material vulcanized to said body, and a combined arch and heel of hard rubber vulcanized to said sole and body.

DESIGNS

MARCH 1, 1927.

72,077. CHANDELIER. HARRY AGLOW, New York, N. Y., assignor to The New York Lighting Fixture Mfg. Co., a Corporation of New York. Filed Dec. 23, 1926. Serial No. 20,120. Term of patent 3½ years.



The ornamental design for a chandelier substantially as shown and described.

72,078. LIGHTING-FIXTURE BACKPLATE. HARRY AGLOW, New York, N. Y., assignor to The New York Lighting Fixture Mfg. Co., a Corporation of New York. Filed Dec. 23, 1926. Serial No. 20,121. Term of patent 3½ years.



The ornamental design for a lighting fixture backplate substantially as shown.

72,079. SPINDLE FOR LIGHTING FIXTURES. WILLIAM BLOCK, Chicago, Ill. Filed Oct. 15, 1925. Serial No. 15,181. Term of patent 3½ years.



The ornamental design for a spindle for lighting fixtures substantially as shown.

72,080. LAMP BRACKET. WILLIAM BLOCK, Chicago, Ill. Filed Oct. 15, 1925. Serial No. 15,182. Term of patent 3½ years.



The ornamental design for a lamp bracket substantially as shown.

72,081. LAMP BASE. WILLIAM BLOCK, Chicago, Ill. Filed Oct. 15, 1925. Serial No. 15,133. Term of patent 3½ years.



The ornamental design for a lamp base as shown.

72,082. LAMP BASE. WILLIAM BLOCK, Chicago, Ill. Filed Oct. 15, 1925. Serial No. 15,134. Term of patent 3½ years.



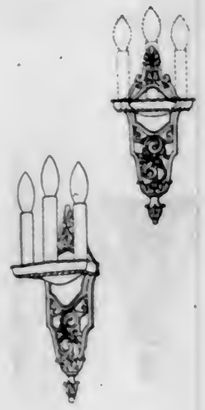
The ornamental design for a lamp base as shown.

72,083. CLOWN AND ANIMAL TOY. ERNEST BOCCHINO, Newark, N. J., assignor of one-third to Silvia Tolino, Newark, N. J. Filed Apr. 21, 1926. Serial No. 17,365. Term of patent 3½ years.



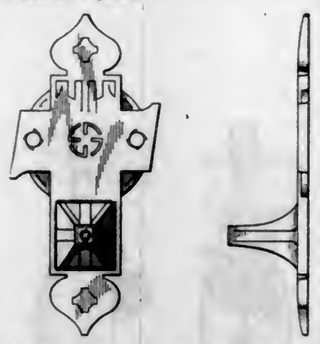
The ornamental design for a clown and animal toy, as shown.

72,084. LIGHTING-FIXTURE BRACKET. HUGO BOHL, Westfield, N. J., assignor to Radiant Lighting Fixture Co., New York, N. Y., a Corporation of New York. Filed Jan. 16, 1926. Serial No. 16,114. Term of patent 3½ years.



The ornamental design for a lighting fixture bracket, as shown.

72,085. ELECTRIC-LIGHT BRACKET. JEROME ROBINSON BUCHANAN and ROBERT HARRISON ABBOTT, Los Angeles, Calif. Filed July 3, 1926. Serial No. 18,247. Term of patent 7 years.



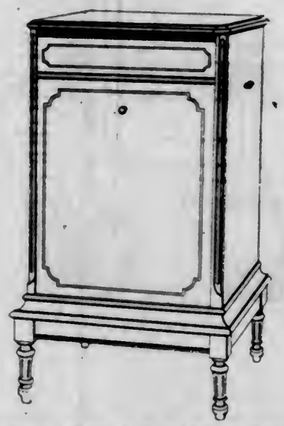
The ornamental design for an electric light bracket as shown.

72,086. BOBECHE FOR ELECTRIC-LIGHT FIXTURES. JEROME ROBINSON BUCHANAN and ROBERT HARRISON ABBOTT, Los Angeles, Calif. Filed July 3, 1926. Serial No. 18,248. Term of patent 7 years.



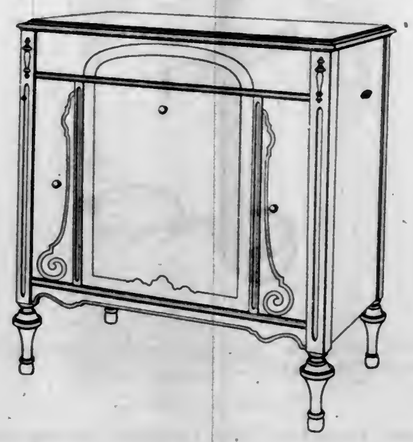
The ornamental design for a bobeche for electric light fixtures as shown.

72,087. CABINET FOR SOUND-REPRODUCING MECHANISM. CHARLES H. COWAN, New Rochelle, N. Y., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed Nov. 11, 1926. Serial No. 19,683. Term of patent 7 years.



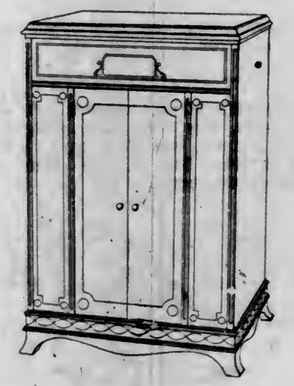
The ornamental design for a cabinet for sound-reproducing mechanism, substantially as shown.

72,088. CABINET FOR SOUND-REPRODUCING MECHANISM. CHARLES H. COWAN, New Rochelle, N. Y., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed Nov. 11, 1926. Serial No. 19,684. Term of patent 7 years.



The ornamental design for a cabinet for sound-reproducing mechanism, substantially as shown.

72,089. CABINET FOR SOUND-REPRODUCING MECHANISM. CHARLES H. COWAN, New Rochelle, N. Y., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed Nov. 11, 1926. Serial No. 19,685. Term of patent 7 years.



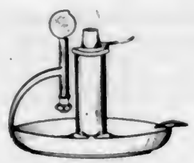
The ornamental design for a cabinet for sound-reproducing mechanism, substantially as shown.

72,090. AUTOMOBILE RADIATOR ORNAMENT. FRANK H. ELDRED and CHARLES HUTCHINGS, Morris, Ill. Filed Aug. 16, 1924. Serial No. 10,471. Term of patent 3½ years.



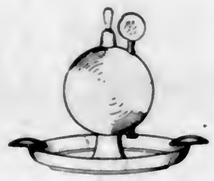
The ornamental design for an automobile radiator ornament as shown.

72,091. COMBINED CIGAR LIGHTER AND ASH TRAY. CHARLES GRAFF, New York, N. Y., assignor to Graff, Washbourne & Dunn, New York, N. Y., a Corporation of New York. Filed Nov. 19, 1926. Serial No. 19,773. Term of patent 3½ years.



The ornamental design for a combined cigar lighter and ash tray as shown.

72,092. COMBINED CIGAR LIGHTER AND ASH TRAY. CHARLES GRAFF, New York, N. Y., assignor to Graff, Washbourne & Dunn, New York, N. Y., a Corporation of New York. Filed Nov. 19, 1926. Serial No. 19,774. Term of patent 3½ years.



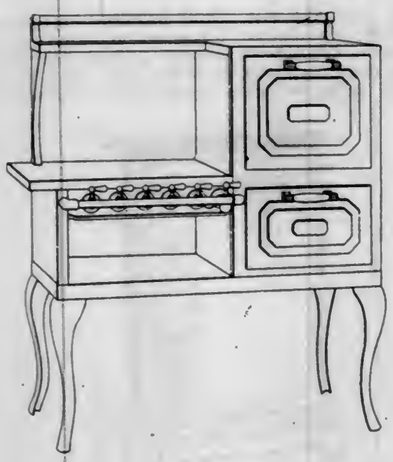
The ornamental design for a combined cigar lighter and ash tray as shown.

72,093. PERFUME BOTTLE. GEORGE GRUNBERG, New York, N. Y. Filed Oct. 19, 1926. Serial No. 19,420. Term of patent 3½ years.



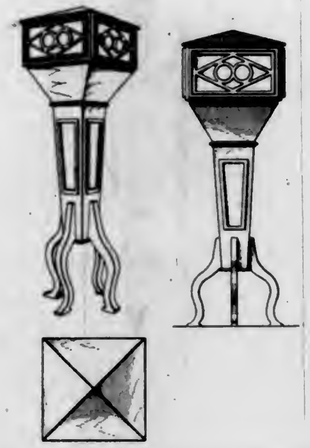
The ornamental design for a perfume bottle substantially as shown.

72,094. COMBINED GAS STOVE AND RANGE. STANLEY H. HOBSON, Rockford, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a Corporation of Illinois. Filed Jan. 7, 1925. Serial No. 11,955. Term of patent 14 years.



The ornamental design for a combined gas stove and range, as shown.

72,095. RADIO LOUD SPEAKER. JOHN M. HOFMANN, Brooklyn, N. Y. Filed Oct. 19, 1926. Serial No. 19,417. Term of patent 7 years.



The ornamental design for a rádio loud speaker as shown.

72,096. PERFUME BOTTLE. GEORGE GRUNBERG, New York, N. Y. Filed Oct. 19, 1926. Serial No. 19,421. Term of patent 3½ years.



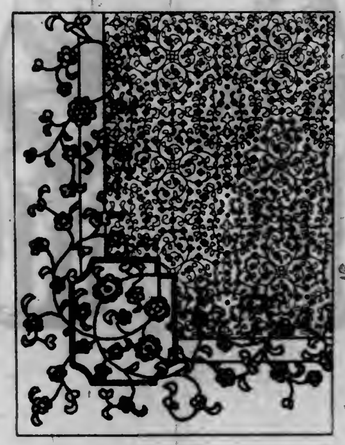
The ornamental design for a perfume bottle substantially as shown.

72,097. RUG OR SIMILAR ARTICLE. HARRY S. HUMPHREYS, Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a Corporation of Pennsylvania. Filed Dec. 15, 1926. Serial No. 20,048. Term of patent 7 years.



The ornamental design for a rug or similar article, substantially as shown.

72,098. RUG OR SIMILAR ARTICLE. HARRY S. HUMPHREYS, Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a Corporation of Pennsylvania. Filed Dec. 15, 1926. Serial No. 20,049. Term of patent 7 years.



The ornamental design for a rug or similar article, substantially as shown and described.

72,099. STATUETTE. HOWARD L. KRATZ, Philadelphia, Pa., assignor to John Wanamaker Philadelphia, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 8, 1926. Serial No. 19,971. Term of patent 14 years.





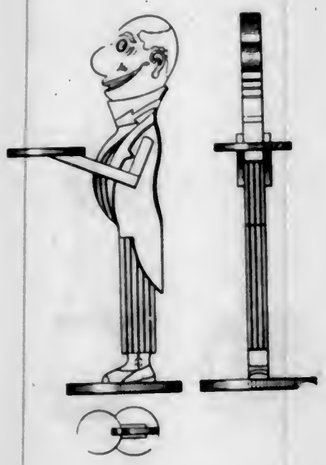
The ornamental design for a statuette, substantially as shown.

72,100. BACK OF A MIRROR OR SIMILAR ARTICLE. WALTER M. LANGSDORF, New York, N. Y. Filed Nov. 18, 1926. Serial No. 19,767. Term of patent 3½ years.



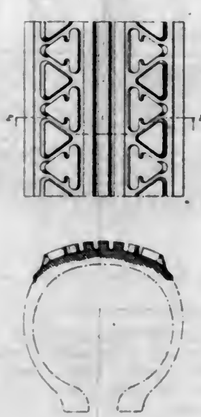
The ornamental design for the back of a mirror or similar article, as shown.

72,101. SMOKER'S STAND. HARRY F. LA RUE and WILLIAM ZIERLEIN, Fairfield, Iowa. Filed Nov. 18, 1926. Serial No. 19,772. Term of patent 14 years.



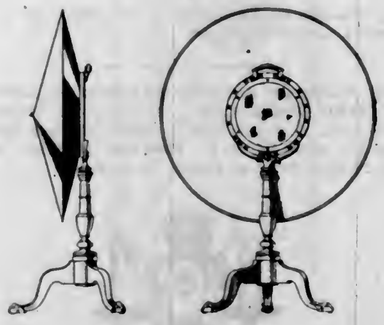
The ornamental design for a smoker's stand as shown.

72,102. TIRE CASING OR SIMILAR ARTICLE. FREDERICK LEOPOLD, Jr., Harmonville, Pa., assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa., a Corporation of New York. Filed Aug. 5, 1926. Serial No. 18,594. Term of patent 14 years.



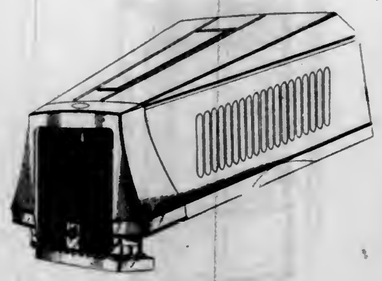
The ornamental design for a tire casing or similar article substantially as shown and described.

72,103. LOUD-SPEAKING SOUND REPRODUCER. GEORGE R. LUM, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 3, 1925. Serial No. 15,631. Term of patent 14 years.



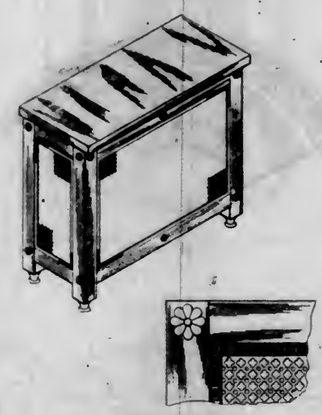
The ornamental design for a loud-speaking sound reproducer as shown.

72,104. COMBINED RADIATOR AND HOOD FOR MOTOR VEHICLES. ALFRED F. MASURY, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed June 17, 1926. Serial No. 18,076. Term of patent 3½ years.



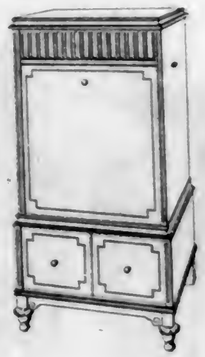
The ornamental design for a combined radiator and hood for motor vehicles, as shown.

72,105. RADIATOR COVER OR SIMILAR ARTICLE. JOHN MEIKLE, Chicago, Ill., assignor to Vaporator Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 2, 1926. Serial No. 18,565. Term of patent 7 years.



The ornamental design for a radiator cover or similar article, as shown.

72,106. CABINET FOR SOUND-REPRODUCING MECHANISM. ALBERT C. MOWITZ, Philadelphia, Pa., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed Nov. 6, 1926. Serial No. 19,627. Term of patent 7 years.



The ornamental design for a cabinet for sound reproducing mechanism, substantially as shown.

72,107. PLATE OR ANALOGOUS ARTICLE. HAROLD E. NOCK, Newburyport, Mass., assignor to Towle Manufacturing Company, Newburyport, Mass., a Corporation of Massachusetts. Filed Jan. 5, 1927. Serial No. 20,285. Term of patent 14 years.



The ornamental design for a plate or analogous article, substantially as shown and described.

72,108. HEATER. MORTIMER L. PACKER, Columbus, Ohio. Filed Oct. 21, 1925. Serial No. 15,213. Term of patent 7 years.



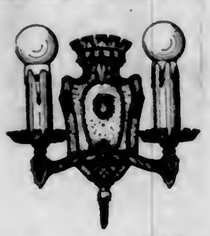
The ornamental design for a heater, as shown.

72,109. CHANDELIER OR ARTICLE OF SIMILAR NATURE. THORVALD J. PETERSEN, New York, N. Y., assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Filed Dec. 27, 1926. Serial No. 20,167. Term of patent 3½ years.



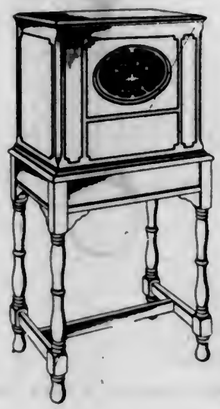
The ornamental design for a chandelier, or article of similar nature as shown.

72,110. LIGHTING-FIXTURE BRACKET OR ARTICLE OF SIMILAR NATURE. THORVALD J. PETERSEN, New York, N. Y., assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Filed Dec. 27, 1926. Serial No. 20,168. Term of patent 3½ years.



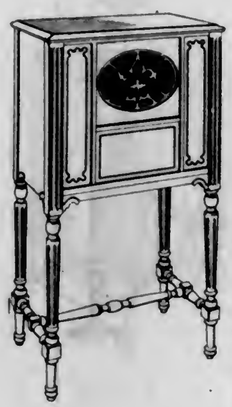
The ornamental design for a lighting fixture bracket or article of similar nature, as shown.

72,111. LOUD-SPEAKER CABINET. MAURICE C. RYPINSKI, Yonkers, N. Y., assignor to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Dec. 31, 1926. Serial No. 20,255. Term of patent 14 years.



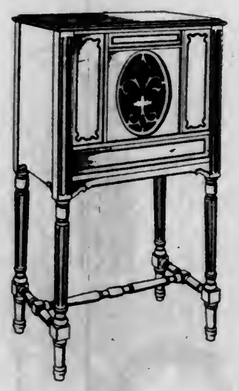
The ornamental design for a loud speaker cabinet as shown.

72,112. LOUD-SPEAKER CABINET. MAURICE C. RYPINSKI, Yonkers, N. Y., assignor to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Dec. 31, 1926. Serial No. 20,256. Term of patent 14 years.



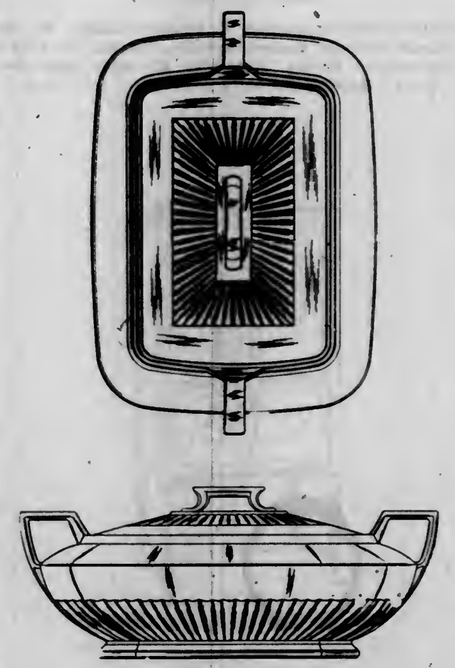
The ornamental design for a loud speaker cabinet as shown.

72,113. LOUD-SPEAKER CABINET. MAURICE C. RYPINSKI, Yonkers, N. Y., assignor to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Jan. 3, 1927. Serial No. 20,264. Term of patent 14 years.



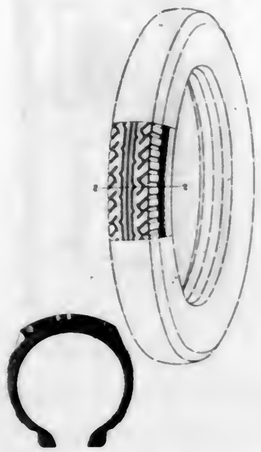
The ornamental design for a loud speaker cabinet as shown.

72,114. COVERED DISH. ELLSWORTH H. SEBRING, Sebring, Ohio, assignor to The E. H. Sebring China Company, Sebring, Ohio, a Corporation of Ohio. Filed Dec. 2, 1926. Serial No. 19,903. Term of patent 7 years.



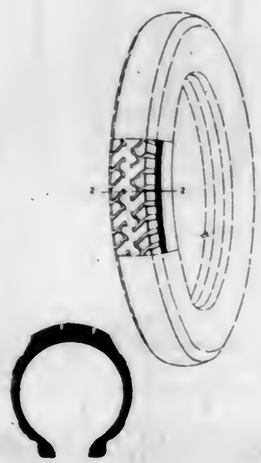
The ornamental design for a covered dish, as shown.

72,115. TIRE. LAWRENCE E. SEXTON, Chicago, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 22, 1926. Serial No. 17,008. Term of patent 14 years.



The ornamental design for a tire as shown.

72,116. TIRE. LAWRENCE E. SEXTON, Chicago, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 23, 1926. Serial No. 17,021. Term of patent 14 years.



The ornamental design for a tire as shown.

72,117. FINGER RING. EDMUND T. SOMMER, North Attleboro, Mass. Filed Dec. 2, 1926. Serial No. 19,901. Term of patent 3½ years.



The ornamental design for a finger ring, substantially as shown.

72,118. LOOP ANTENNA. MAURICE W. STAVRUM, Chicago, Ill. Filed Jan. 4, 1927. Serial No. 20,280. Term of patent 7 years.



The ornamental design for a loop antenna as illustrated.

72,119. BEVERAGE MIXER. ERSKINE B. VAN HOUTEN, South Nyack, N. Y. Filed Dec. 18, 1926. Serial No. 20,087. Term of patent 14 years.



The ornamental design for a beverage mixer as shown.

72,120. CHANDELIER OR ARTICLE OF SIMILAR NATURE. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Filed Dec. 27, 1926. Serial No. 20,164. Term of patent 3½ years.



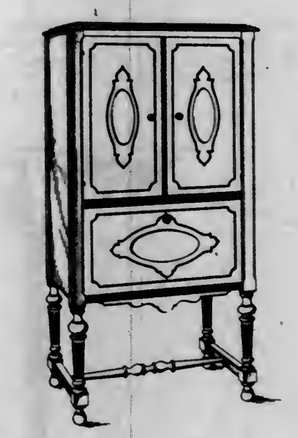
The ornamental design for a chandelier or article of similar nature as shown.

72,121. CHANDELIER OR ARTICLE OF SIMILAR NATURE. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Filed Dec. 27, 1926. Serial No. 20,165. Term of patent 3½ years.



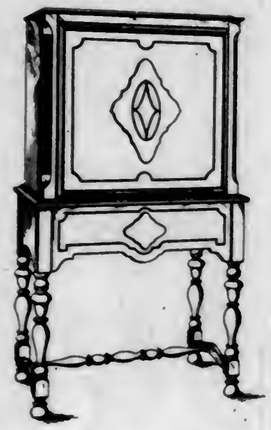
The ornamental design for a chandelier or article of similar nature as shown.

72,122. RADIOCABINET. JOSEPH WOLFF, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc., a Corporation of New York. Filed Dec. 6, 1926. Serial No. 19,947. Term of patent 7 years.



The ornamental design for a radiocabinet, substantially as shown.

72,123. RADIOCABINET. JOSEPH WOLFF, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc., a Corporation of New York. Filed Dec. 6, 1926. Serial No. 19,948. Term of patent 7 years.



The ornamental design for a radiocabinet, substantially as shown.

72,124. RADIOCABINET. JOSEPH WOLFF, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc., a Corporation of New York. Filed Sept. 16, 1926. Serial No. 19,077. Term of patent 7 years.

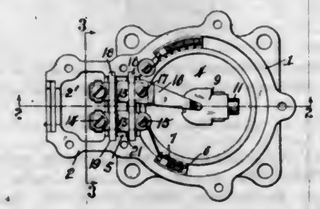


The ornamental design for a radiocabinet, substantially as shown.

PATENTS

GRANTED MARCH 1, 1927.

1,618,967. RHEOSTAT. HARRY E. ADAMS, Toledo, Ohio, assignor to The W. G. Nagel Electric Company, Toledo, Ohio, a Corporation of Ohio. Filed Sept. 14, 1925. Serial No. 56,114. 3 Claims. (Cl. 201—48.)



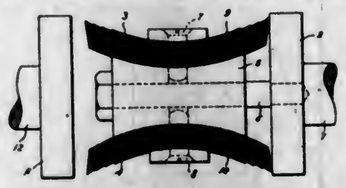
1. In a rheostat, a casing forming an open top casing, a cylindrical chamber for receiving rheostat contact parts and having a side opening therefrom, a pair of spaced parallel insulating strips mounted in said opening to close the same, electrical connecting member extending through said strips and the space therebetween, sealing material filling the space between said strips and closely enveloping the contact members, and closure means mounted over said chamber and strips.

1,618,968. WOOD-VENEER PROPELLER. NOBLE S. CLAY, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 20, 1923. Serial No. 663,738. 14 Claims. (Cl. 170—59.)



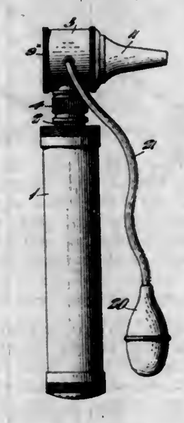
1. A propeller comprising impregnated laminations of wood veneer, said laminations being of less thickness than the depth to which the impregnating material penetrates, and a binder which hardens and becomes substantially insoluble and infusible upon the application of heat.

1,618,969. SWITCH CONTACT FOR CIRCUIT BREAKERS. DAVID REGINALD DAVIES, Manchester, England, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 14, 1923. Serial No. 645,228. 6 Claims. (Cl. 200—170.)



1. Switch mechanism comprising a pair of relatively movable conductor plates and a flexible contact brush comprising flexible laminated plates disposed between the conductor plates and making yielding contact therewith, respectively, at opposite edges of the laminated plates and adapted to be flexed or bowed under tension when the conductor plates are moved into engagement with the brush.

1,618,970. DIAGNOSTIC INSTRUMENT. HENRY L. DE ZENG, Moorestown, N. J., assignor to De Zeng Standard Company, Camden, N. J., a Corporation of New Jersey. Filed Feb. 17, 1923. Serial No. 619,552. 5 Claims. (Cl. 128—9.)



1. In a diagnostic instrument, a speculum barrel having an opening in one side thereof, a lamp cap having an opening in one side thereof and having a portion of its outer surface secured to the speculum barrel around the opening therein and having a portion of its inner surface threaded, a handle having a threaded portion adapted to engage the threaded portion of the cap, and a lamp secured to the handle portion adapted to fit into the cap and transmit light through the opening therein when the threaded portion of the handle is screwed into the cap.

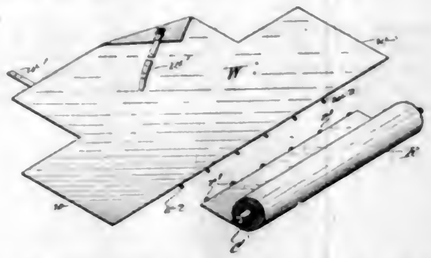
1,618,971. DIAGNOSTIC INSTRUMENT. HENRY L. DE ZENG, Moorestown, N. J., assignor to De Zeng Standard Company, Camden, N. J., a Corporation of New Jersey. Filed May 18, 1923. Serial No. 639,738. 6 Claims. (Cl. 128—16.)



1. In an instrument of the character described, a head portion comprising a detachable handle connection, an inclined offset portion depressed toward the handle con-

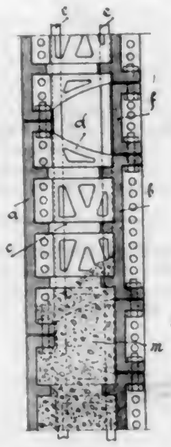
nection, having a lamp socket, a lamp in the lamp socket, a lens cell secured to the outside of the lamp socket, and a lens in the lens cell in front of the lamp.

1,618,972. MEANS FOR PACKING RUGS, ETC. MORDECAI BASSAN, Brooklyn, N. Y. Filed Jan. 30, 1926. Serial No. 84,952. 2 Claims. (Cl. 206—46.)



1. In combination with a core rod of the character designated, a rug formed with copulative means for attachment thereto, and a wrap sheet and copulative means for attachment to said rug, said wrap sheet being formed with lateral extensions, and with binding buckle straps, substantially in the manner and for the purpose set forth.

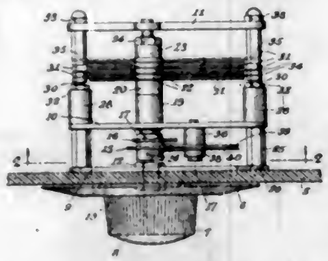
1,618,973. TUBBING. WILHELM BREIL, Essen-Bredeney, Germany. Filed Aug. 24, 1921, Serial No. 495,089, and in Germany Aug. 29, 1919. Renewed Jan. 18, 1927. 2 Claims. (Cl. 61—41.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



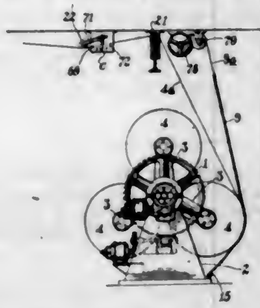
1. In a metal tubbing in combination, two concentric cylinder segments, open-work ribs connecting same and a continuous concrete filling in the space intermediate said concentric segments enveloping said ribs.

1,618,974. VARIABLE CONDENSER. CLARENCE N. CAHUSAC, Newark, N. J., assignor to U. S. Tool Company, Inc., Newark, N. J., a Corporation of New Jersey. Filed Apr. 16, 1925. Serial No. 23,471. 1 Claim. (Cl. 250—41.)

A variable condenser comprising a frame composed of a rear dielectric plate, front and intermediate metal plates, connections between said metal plates whereby they are firmly bound together, said connections comprising dielectric cylinders having nuts fixed in their ends, insulated bars engaging said nuts at one end, clamp screws holding the cylinders against the intermediate plates, stator plates fixed in uniform spaced grooves in the insulated bars, interjacent the rotor plates, and means for clamping the sections of said connections when in adjustment.

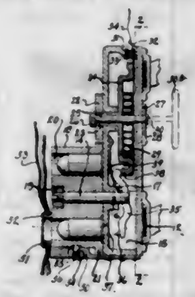


1,618,975. WEB-TENSION EQUIPMENT FOR PRINTING PRESSES. ALLAN J. CLINE, Chicago, Ill., and JACOB A. HOLLANDER, Forest Park, Ill., assignors to Cline Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 20, 1926. Serial No. 96,138. 18 Claims. (Cl. 242—75.)



1. A web-tension equipment for printing presses comprising a strap or friction apron pressing against the surface of a web-roll of paper from which web is to be drawn to press, a tension motor acting upon the apron to supply a continuous strain thereto for applying a braking force upon the surface of the web-roll, and means for regulating the tension applied by the motor.

1,618,976. SELF-DEFENSE SHOOTING DEVICE. MARTIN HOFFMANN, New York, N. Y. Filed Apr. 13, 1926. Serial No. 101,821. 1 Claim. (Cl. 42—1.)



In a shooting device the combination comprising a housing, a stationary shaft secured to the front wall and projecting with its bifurcate end into the inside of the

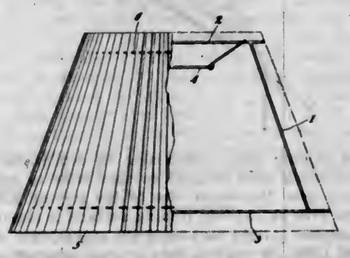
housing, a cylindrical magazine chamber, adapted to hold cartridges, rotatably arranged on said shaft, detachable means to hold the magazine thereon, an annular line of teeth secured to said magazine close to its rear peripheral edge, a toothed gear, with a hollow shaft rigidly secured thereto, rotatably arranged in and projecting beyond the front wall of the housing, a gear, having part of its peripheral face provided with teeth, rigidly secured to aforesaid hollow shaft at its foremost end, a winding shaft operatively engaged in the aforesaid hollow shaft and in the rear wall of the housing, a ratchet wheel secured to the said winding shaft, a pawl, secured to the said rear wall, engaging said ratchet wheel, a spiral coil engaging with its outer end the toothed gear and with its inner end the winding shaft, a cam on the front side of the peripheral face of the ratchet wheel, a recess in the face of the ratchet wheel closely after the cam, a double armed lever, pivotally secured in the bifurcate end of the stationary shaft, engaging with one arm the front side of the ratchet wheel and having a firing pin at the end of the other arm, a passageway for the said pin in the front wall of the housing, a spring secured above the stationary shaft within the housing and engaging the double armed lever opposite to the ratchet wheel, means to wind the spiral coil, means engaging the teeth of the ratchet wheel to stop the same, means to stop the magazine, and bullet proof means to hold the device to the body of the user.

1,618,977. CAPPED SWAB OR DAUBER. PETER CODINA, Chicago, Ill., assignor to Illinois Cork Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 5, 1925. Serial No. 705. 2 Claims. (Cl. 91—67.2.)



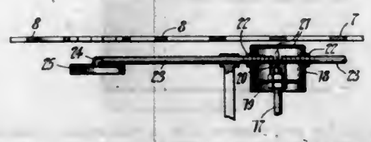
1. A capped swab or dauber, comprising a metal cap, a lining made of a liquid-tight material and provided with a central hole, and a dauber stem of metal having one end bent at right angles, said bent end located within the hole in the lining and secured to the cap by solder applied within the hole in the lining to said bent end and the adjacent portions of the cap, the hole in the lining serving to delimit the solder.

1,618,978. LAMP SHADE. ISIDOR DEMBITZ, New York, N. Y. Filed Jan. 30, 1926. Serial No. 84,948. 1 Claim. (Cl. 240—108.)



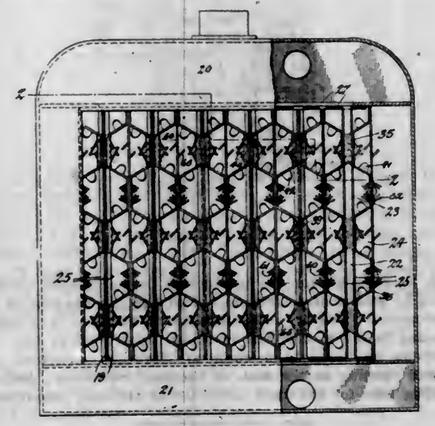
A frusto-conical frame for a plaited lamp shade comprising an upper cover support of wire formed as a circle, an inner circle of wire concentric with said support and adapted to seat on a lamp bulb, wires radiating from the inner circle to the outer circle and connecting the two rigidly to each other, a lower cover support parallel to the upper support, and corrugated to receive and space the plaits of the lamp shade cover, supporting means connecting the lower support with the upper support to suspend the former from the latter, and a frusto-conical plaited cover having the plaits thereof seated in the corrugations of the lower support, and means for fastening said cover to said frame.

1,618,979. SAFETY LIGHTER FOR GAS STOVES. WILLIAM F. DESTER, Newark, N. J., assignor to U. S. Tool Co., Inc., East Orange, N. J., a Corporation of New Jersey. Filed July 11, 1925. Serial No. 42,871. 2 Claims. (Cl. 158—115.)



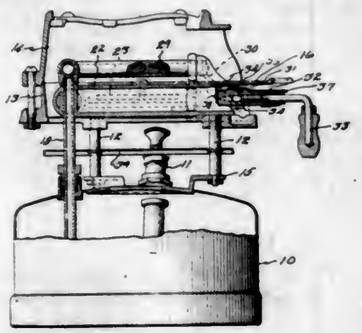
2. The combination with a gas stove having one or more burners provided with controllable gas inlets, and a cover having a substantially circular opening over each burner, said burner having vertical discharge openings and imperforate side walls of a pilot casing containing a constantly lit gas jet, an inverted shallow cylindrical cup over each of said burners, and a hollow connection between said pilot casing and inverted cup.

1,618,980. RADIATOR CORE. JOHN M. FEDDERS, Buffalo, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y., a Corporation of New York. Filed June 11, 1925. Serial No. 36,583. 3 Claims. (Cl. 257—130.)



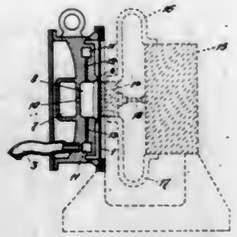
1. A radiator comprising a plurality of water tubes and a plurality of air passages arranged between adjacent water tubes, each of said water tubes having opposite sheet metal walls, two spacing strips of corrugated sheet metal arranged on opposite sides of each water tube and each spacing strip having alternating inner and outer summits, the inner summits engaging the opposite sides of said water tubes, and a plurality of radiating strips of sheet metal each radiating strip arranged between the outer summits of two opposing spacing strips and forming three plies therewith, and each of said plies being provided with a locking lug which interlocks with the remaining plies.

1,618,981. FIRE-POT CONSTRUCTION. OTTO J. GROEHN and WILLIAM BLASKEWITZ, Detroit, Mich., assignors to Clayton & Lambert Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Jan. 5, 1925. Serial No. 661. 12 Claims. (Cl. 158—32.)



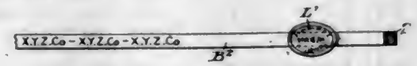
1. In a fire pot construction, a combustion chamber, a pair of opposed burners within said chamber, an intake manifold lying between said burners, a flame plate overlying the manifold and arranged to direct the flame from said burners inwardly of the combustion chamber, a source of fuel, and means for supplying said manifold with the fuel.

1,618,982. DEVICE FOR THE PRODUCTION OF MECHANICAL VIBRATIONS BY MEANS OF A CONTINUOUS STREAM OF FLUID. WALTER HAHNEMANN, Kitzeberg, near Kiel, and WILHELM RUDOLPH and ERNST WILCKENS, Kiel, Germany, assignors to Signal Gesellschaft mit beschrankter Haftung, Kiel, Germany, a Firm. Filed June 1, 1925, Serial No. 34,264, and in Germany June 13, 1924. 11 Claims. (Cl. 181—0.5.)



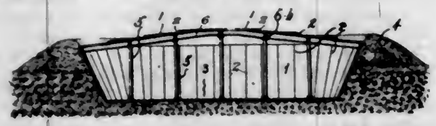
1. In a device for the production of mechanical vibrations by means of a stream of fluid the combination of a mechanical vibratory structure; a resonator; a nozzle opening in the wall of the resonator controlled by the vibrations of the said mechanical vibratory structure, a second opening in the wall of the said resonator; and a feeding tube for the fluid connected to the said resonator.

1,618,983. PROCESS OF BANDING CIGARS. WILLIAM INTEMANN, Brooklyn, N. Y., assignor to American Lithographic Company, New York, N. Y., a Corporation of New York. Filed Apr. 29, 1925. Serial No. 26,624. 4 Claims. (Cl. 40—21.)



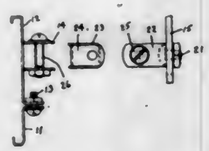
1. That improvement in the process of banding cigars comprised in encircling the cigar with a strip of paper in overlapping relation, securing by an adhesive one end of said strip to the overlapped portion, and attaching by an adhesive a legend carrying portion of paper to said cigar encircling strip.

1,618,984. OIL-STORAGE TANK. JAMES T. KAVANAUGH, Port Richmond, N. Y. Filed Mar. 9, 1926. Serial No. 93,449. 2 Claims. (Cl. 220—71.)



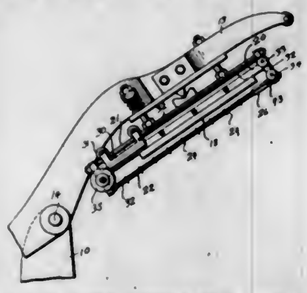
1. An oil storage tank having its bottom, side and end walls formed of joined sheet metal plates, said tank being of an oblong shape with its end walls curved to a semicircular contour, a main girder extending between the end walls of the tank in a median position with relation to the side walls of the tanks; transverse girders extending between the side walls of the tank and intersecting the main girder, a series of posts spaced apart along the bottom of the tank and supporting the main girder, and a cover of joined sheet metal plates mounted on the girders.

1,618,985. UNIVERSAL MOUNTING. BERT F. KELLY, ROBERT F. MILLER, and LOUIS G. WINKLER, Indianapolis, Ind., assignors to Parts Corporation, Indianapolis, Ind., a Corporation. Filed Oct. 17, 1925. Serial No. 63,067. 5 Claims. (Cl. 45—97.)



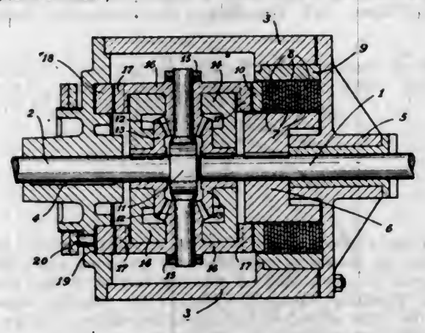
1. A universal mounting comprising a pair of oppositely disposed U-shaped metal stampings, said stampings being provided with suitable bolt holes and associated together to form a hollow block.

1,618,986. IRONING-PRESS BURNGUARD. JAMES CAMROD LEDBETTER, New York, N. Y., assignor to The Prosperity Company, Inc., Syracuse, N. Y., a Corporation of New York. Filed May 2, 1925. Serial No. 27,412. 10 Claims. (Cl. 74—105.)



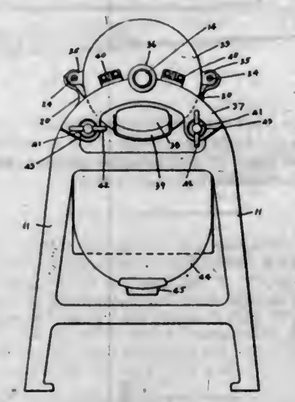
1. An ironing press comprising in combination, cooperating ironing jaws adapted to open wide to expose the work and close thereupon, one of the ironing jaws being provided with an exposed ironing surface, a pleated burnguard curtain carried on one of the press jaws, means to fold and pleat the curtain into a small compact space as the press closes to uncover the ironing surface, and means for unfolding and unpleating the curtain and stretching it across the ironing surface as the press opens.

1,618,987. VARIABLE SPEED GEAR. FERNAND LESCARTS, Brussels, Belgium. Filed Dec. 12, 1925, Serial No. 75,118, and in Belgium July 22, 1925. 8 Claims. (Cl. 64—106.)



1. In a variable speed gear, the combination of a driving shaft, a driven shaft, a friction clutch for coupling said shafts together, differential means operated by said shafts, and means actuated by said differential means for automatically controlling the operation of said clutch.

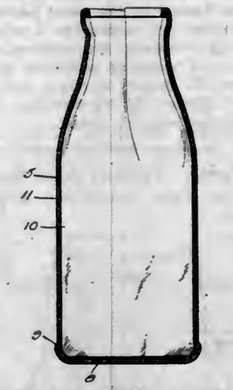
1,618,988. MIXING AND STRAINING MACHINE. STACEY B. LINDLEY, Indianapolis, Ind., assignor to Indiana Canning Machinery Company, Indianapolis, Ind., a Corporation. Filed Mar. 20, 1925. Serial No. 17,017. 2 Claims. (Cl. 146—174.)



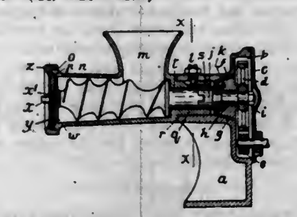
1. In a screening machine of the character described, the combination with a supporting frame, a substantially cylindrical screen, brushing members rotatably mounted within said screen, a shaft for rotating said members, and means for driving said shaft, of a unitary end mounting provided therefor, said mounting comprising an end plate adapted to close the discharge end of said screen and provide a discharge opening for the unscreened contents thereof, a support for said mounting adapted to be removably secured to said frame, and a bearing formed on said support for receiving one end of said shaft and supporting the same, whereby upon the removal of said unitary mounting the entire discharge end of said screen may be opened and the brushing members and screen removed.

1,618,989. SANITARY MILK BOTTLE. JOSEPH D. MCCUMPSEY, Altoona, Pa. Filed July 9, 1925. Serial No. 42,470. 1 Claim. (Cl. 229—5.5.)

A sanitary milk bottle of the class described including a strip of relatively thick paper material rolled only once to provide a hollow body having overlapping side edges sealed with paraffin, the bottom edge of the body being turned inwardly, a bottom applied exteriorly to the inturned bottom edge of the body and sealed in respect to the body with paraffin, a paper coating inside the body and bottom and coated with paraffin, and an outer paper coating on the outside of the body and bottom and coated with paraffin, said outer paper coating holding the bottom in place.



1,618,990. MINCING MACHINE. GORDON JOHN METTERS, Wayville, and KENNETH WILLIAM NOLAN, St. Peters, South Australia, Australia. Filed Jan. 15, 1925, Serial No. 2,556, and in Australia Sept. 4, 1924. 1 Claim. (Cl. 146—182.)



A standard for mincing machines having a bore in one side thereof adapted to receive the shank of a mincing machine, said bore terminating at its interior by a shoulder, a thrust bearing seated in said shoulder and concentric with the bore, a concentric bore passing through the thrust bearing and standard to receive a shaft, and a recess on the opposite side of the standard to receive the gearing.

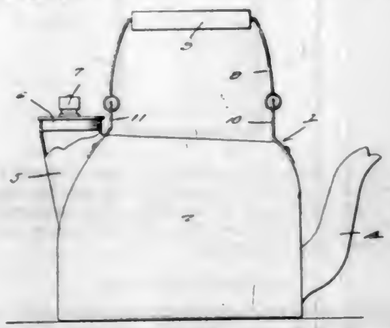
1,618,991. UNDERGARMENT. BENJAMIN MOSCOWITZ, Brooklyn, N. Y. Filed Nov. 12, 1925. Serial No. 68,510. 1 Claim. (Cl. 2—224.)



A garment having leg members of the character described comprising front and rear portions, the rear portions extending about the sides of the garment to the

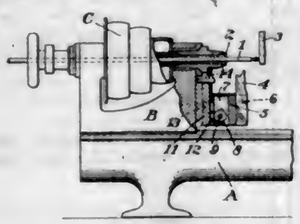
front thereof, the front portion having a substantially wide abdominal band formed of folded material of double thickness and a lower panel secured between the folded material of said band, both band and panel being fastened to the front extending ends of the rear portion, rows of shirring formed on the panel adjacent said band, said garment being cut to provide a substantial space between said leg members, the contour of said space along said members being of relatively shallow arcuate shape and arcuately shaped members secured to extend along the inner side of the leg members for reinforcing the garment against wearing strain.

1,618,992. KETTLE. CHARLES PAGET, Santa Cruz, Calif. Filed June 23, 1925. Serial No. 39,083. 1 Claim. (Cl. 53—9.)



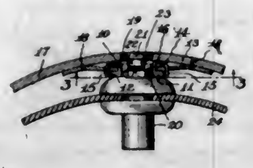
In a tea kettle, the combination of a body having a curved rear side and a closed top, said top sloping gradually downwardly toward the front side of the body, a pouring spout at the front side of the body, a cylindrical filling neck extending upwardly from the rear side of the body, said filling neck including a relatively short front portion, and a relatively long rear portion, the lower edges of the sides of the neck being curved to conform with the curved rear side of the body of the kettle, the upper end of the filling neck extending above the top of said body, a removable closure for the upper end of the filling neck, and a handle for the kettle.

1,618,993. AUXILIARY TOOL HOLDER FOR LATHES AND THE LIKE. JOSEPH E. PERRAULT, Watertown, Mass., assignor to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts. Filed Sept. 28, 1925. Serial No. 59,161. 1 Claim. (Cl. 82—24.)



In combination with the head stock of a lathe, a rotary head mounted therein, a vertically disposed undercut guideway mounted on said head stock below the axis of the rotary head of the lathe, a vertically movable recessed carriage member mounted on said undercut guideway, a toothed rack mounted on the guideway, a pinion meshing with the rack and located in the recessed carriage, a shaft extending through the carriage on which the pinion is mounted, a lever for operating the shaft, and a tool on the carriage which is moved towards and from the axis of the rotary head of the lathe by the movement of the carriage, substantially as described.

1,618,994. PLAYING BALL. GEORGE L. PIERCE and HENRY V. RAU, Brooklyn, N. Y., assignors to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed Mar. 3, 1926. Serial No. 91,887. 2 Claims. (Cl. 276—65.)



1. In a playing ball, a cover, a bladder within said cover, an interiorly and exteriorly threaded valve stem carried by the bladder, a bushing carried by the cover and interiorly threaded to engage the exterior threads of the valve stem, and means for preventing rotation of the bushing relatively to the cover.

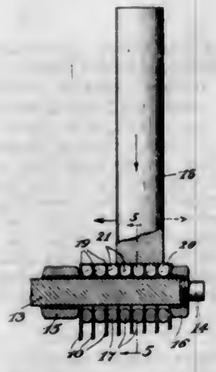
2. The combination set forth in claim 1, in which the bushing carries a flange and in which there is included an anchor washer having prongs that pierce the cover and engage the flange of the bushing to prevent rotation thereof relatively to the cover.

1,618,995. SPEED BOAT. JOHANNES PLUM, Washington, D. C. Filed Feb. 11, 1925. Serial No. 8,549. 13 Claims. (Cl. 114—66.5.)



3. A speed boat having a longitudinally concave bottom portion; a bridging portion; and a hydroplane secured at the rear of the bridging portion, said hydroplane being mounted to rotate freely.

1,618,996. PROCESS OF CONSTRUCTING VARIABLE CONDENSER ROTORS. CHARLES PRIOR POWERS, Spring Lake, N. J., assignor to U. S. Tool Company, Inc., East Orange, N. J., a Corporation of New Jersey. Filed Aug. 7, 1925. Serial No. 48,909. 2 Claims. (Cl. 113—112.)



1. The process of uniting a series of aluminum plates along their juxtaposed edges which consists in clamping the plates together, heating the plates to a temperature

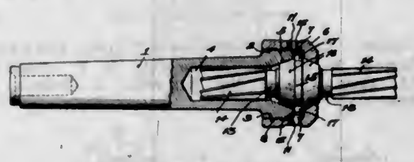
sufficient to melt tin, abrading the edges of the plates with a block of tin frictionally applied under pressure, raising the temperature of the clamped plates, and abrading the tinned edges with a block of tin and zinc alloy applied frictionally under pressure.

1,618,997. LOCK FOR TIRE RIMS. JOSEPH H. RANDT, Emmett, Idaho. Filed Mar. 20, 1926. Serial No. 96,242. 3 Claims. (Cl. 70—90.)



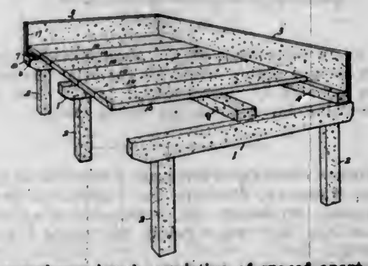
1. A padlock having an oscillatable and longitudinally shiftable hasp, a web extending upward at the rear of the padlock parallel to the hasp when the lock is in a closed position, said web having an aperture through which a bolt may be passed, the hasp carrying a shield adapted to cover the end of the bolt and the nut thereon when the hasp is closed and locked.

1,618,998. MILLING-MACHINE COLLET AND END MILL. JOSEPH M. REDINGER, Providence, R. I. Filed Dec. 3, 1925. Serial No. 72,943. 7 Claims. (Cl. 279—91.)



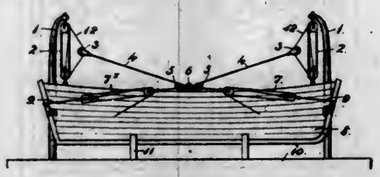
3. In combination with a holder having a head formed with a flared socket and having an outwardly opening cut-out in its end, a cutter having a wing received in said cut-out and having beveled parts on opposite sides of the wing and one of which parts engages the flared socket, and means on the head engaging the other of the beveled parts to secure the cutter to the head.

1,618,999. GREENHOUSE BENCH. CHARLES W. ROBERTS, Centerville, Ind., assignor of one-half to Joseph H. Hill, Richmond, Ind. Filed Mar. 8, 1926. Serial No. 93,120. 2 Claims. (Cl. 47—18.)



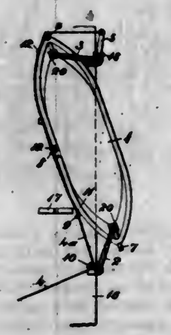
1. A greenhouse bench consisting of spaced apart sides, flanges extending inward toward each other from the bottom portion of said sides, end members connecting said sides, flanges extending inward toward each other from the bottom portions of said ends, with said flanges of the ends forming upper and lower shoulders, a center rail resting at its ends upon the lower shoulders of the ends, a plurality of bottom members resting on said flanges of the sides and on said center rail and extending over on the upper shoulders of the ends, means for supporting said parts above the ground line, and all of said parts formed of reinforced concrete.

1,619,000. TACKLE. PAUL W. SIEURIN, Gottenborg, Sweden. Filed Nov. 9, 1925. Serial No. 67,788, and in Sweden Dec. 5, 1924. 6 Claims. (Cl. 9—22.)



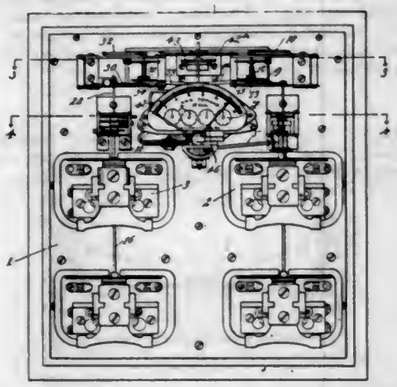
4. In combination, a pair of davits on ship board, a life boat, suspension tackles for suspending said boat from said davits, a set of pulley-blocks on the inside of said boat positioned at substantially the middle thereof, a tackle extending from each davit around the adjacent end of the boat and along the inner side thereof, a deflector rope extending from each of said tackles through one of said pulley-blocks, a deflector block, at the free end of each deflector rope receiving one of the rope runners of the respective suspension tackles, operation of either one of said swing controlling tackles causing operation of the respective deflector blocks to deflect the rope runner engaged thereby and to cause the respective suspension tackle to raise the respective end of the boat.

1,619,001. LIFEBOAT. SVEN A. SIEURIN, Gottenborg, Sweden. Filed Nov. 9, 1925, Serial No. 67,726, and in Sweden Jan. 9, 1925. 6 Claims. (Cl. 9—22.)



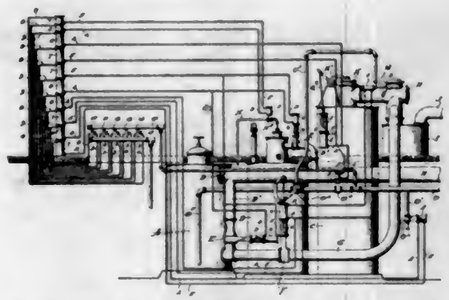
6. In combination, two davits on board a ship, a life boat suspended between them, an arm rigidly fastened to one of said davits and extending practically horizontally in a direction away from the other davit when the boat is in its swung-in or resting position, a rope fixed at one end to the free end of said arm, said rope extending along the inboard side of the boat, a sheave fixed to said other davit for receiving said rope, hauling means applied to the free end of said rope, a stop on said rope, a fastening device removably engaging said stop, an eye detachably provided at approximately the middle of the boat, and a stop on that part of the rope which is found between the first davit and the eye, said eye being located so that it abuts the stop at the moment the life boat has swung out.

1,619,002. ELECTRIC METER. GEORGE SPERTI, Covington, Ky., assignor of one-fourth to Arthur F. Bleckswith, Dayton, Ky. Filed Feb. 16. 1922. Serial No. 536,956. 16 Claims. (Cl. 171—264.)



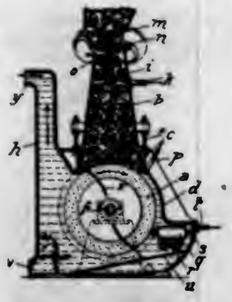
7. In an alternating-current circuit, the combination with a watt-hour meter and a driven member therefor, of a reactive watt-hour meter, a driven member therefor actuated in one direction irrespective of whether or not the current leads or lags the voltage of the circuit and a common member connected to said two driven members.

1,619,003. GATE OR VALVE OPERATING SYSTEM. GEORGE R. STEERE, Detroit, Mich., assignor to Steere Engineering Company, Detroit, Mich., a Corporation of Michigan. Filed Feb. 16, 1925. Serial No. 9,630. 5 Claims. (Cl. 137—144.)



2. In a gas apparatus having a shut-off for controlling the flow of fluid, means for operating said shut-off including a cylinder for liquid, a piston in said cylinder operatively connected to said shut-off for operating the same, a liquid chamber located at a point distant from said cylinder and in constant open communication with said cylinder at one side of the piston therein, a second liquid chamber located at a point distant from said cylinder and in constant open communication with the cylinder at opposite side of the said piston therein, said cylinder being filled with a liquid and said chambers being partially filled with liquid the cubic capacity of each of said chambers being greater than the cubic capacity of said cylinder, whereby the movement of said piston in said cylinder in one direction will force the liquid from said cylinder into one of said chambers and movement of said piston in an opposite direction will force the liquid from said cylinder into the other of said chambers, the space in each chamber above the liquid therein being adapted to receive steam under pressure for forcing the liquid from said chamber into the cylinder, and means for controlling the admission of steam into said chambers.

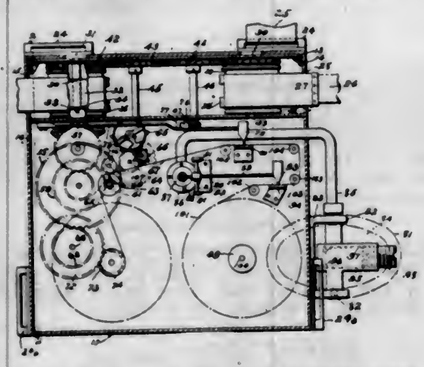
1,619,004. PROCESS AND APPARATUS FOR THE PRODUCTION OF WOOD PULP. CHRISTIAN JONATHAN STEANKOPF, Rittersgrun, Germany. Filed Sept. 28, 1925, Serial No. 59,090, and in Germany May 15, 1924. 5 Claims. (Cl. 83—75.)



1. A process for the production of wood pulp comprising continuously advancing the wood downwardly through a body of water into a grinding zone submerged in the water and simultaneously applying artificial heat to subject the wood to gradually increasing pressure and to heat treatment during this advance to the grinding zone.

2. An apparatus for the production of wood pulp comprising a water-tight grinder casing, a grindstone in said casing, a water-tight magazine located entirely above the grindstone, a conduit extending from said casing for the discharge of wood pulp, and means for applying artificial heat to a point above the grindstone to heat the wood during its advance downwardly towards the grindstone and while being exposed to gradually increasing water pressure in said magazine.

1,619,005. RESPIRATION AND PULSE RECORDER. SAMUEL M. STRONG, Garden City, N. Y. Filed Jan. 11, 1922. Serial No. 528,485. 7 Claims. (Cl. 234—1.)

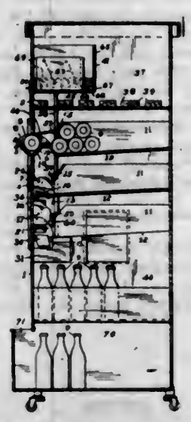


1. In an instrument of the class described having a record strip, a spring motor for operating the strip, and means operated by the movement of the chest incident to breathing for winding the spring motor.

1,619,006. COIN-CONTROLLED VENDING MACHINE. ROSS VAUGHAN, Pittsburg, Pa., assignor to The Ex-El Company, Pittsburgh, Pa., a Corporation of Delaware. Filed Apr. 21, 1925. Serial No. 24,856. 8 Claims. (Cl. 211—8.)

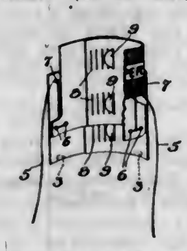
1. In a dispensing machine, a straw magazine having a bottom member movable lengthwise of the straws, means carried by the said member for moving a straw

therewith, an agitator for the straws carried by the said member and movable transversely thereof, a bottle-delivery device, means for operating the said device, a



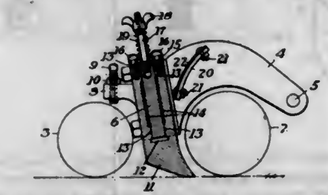
rock shaft operated by the said device, and connections whereby the operation of the said shaft operates the said member.

1,619,007. TELESCOPIC HATBAND. AUSTIN WALSH, New York, N. Y. Filed Sept. 22, 1926. Serial No. 137,114. 4 Claims. (Cl. 40—129.)



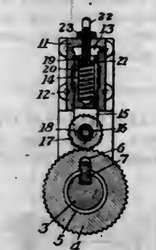
1. The combination with a hat, of a telescopic band, positioned thereon, means to secure the outer member of said telescopic band to the brim of said hat, and means connecting the telescope members of said band to move one member relative to the other.

1,619,008. SECTIONAL CHIP BREAKER FOR PLANING MACHINES. CLINTON G. WILDERSON, Leetonia, Ohio, assignor to The Crescent Machine Company, Leetonia, Ohio, a Corporation of Ohio. Filed Jan. 22, 1925. Serial No. 4,019. 5 Claims. (Cl. 144—244.)



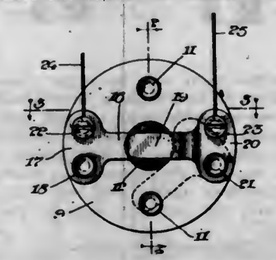
1. A chip breaker for planing machines, comprising a guide bar, a plurality of presser feet mounted on said bar, each of said presser feet having its upper portion bifurcated to straddle said bar, the width of the bar being less than the depth of the slot in each presser foot, a plate detachably secured to the upper bifurcated end of each presser foot and extending across the slot therein, a stem extending through each plate and having its lower end secured in the upper edge portion of the guide bar and its upper end screw-threaded, a nut mounted on the screw-threaded upper end of each stem, and a coil spring surrounding each stem between its nut and the corresponding plate, substantially as described.

1,619,009. SECTIONAL FEED ROLL FOR PLANING MACHINES. CLINTON G. WILDERSON, Leetonia, Ohio, assignor to The Crescent Machine Company, Leetonia, Ohio, a Corporation of Ohio. Filed Jan. 22, 1925. Serial No. 4,020. 2 Claims. (Cl. 144—250.)



1. A sectional feed roll mechanism, comprising spaced bearings, a shaft journalled in said bearings, a plurality of cylindrical sections mounted on said shaft between said bearings and each having a toothed periphery and a bore substantially greater in diameter than the diameter of the shaft, whereby the sections are adapted to move independently transversely of the shaft, a connection between the shaft and each section for guiding the transverse movements of the latter and for causing the sections to rotate with the shaft, a toothed wheel arranged above each section and meshing therewith, and yielding means pressing said toothed wheel into engagement with its section, substantially as described.

1,619,010. CONTACT DEVICE AND INSULATION. HENRY WILHELM, Brooklyn, N. Y. Filed Sept. 9, 1925. Serial No. 55,253. 6 Claims. (Cl. 200—159.)

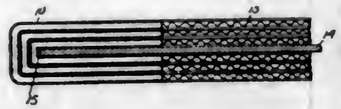


1. A contact device comprising a flat relatively thin insulating strip base having a hole therein, a flanged push button carried by said insulating member and projecting through said hole, the flange thereof maintaining the push button against displacement in one direction, a pair of spaced contacts each pivotally secured to one side of said insulating member at diametrically opposite points thereof with the free ends projecting toward each other and both overlapping the flanged portion of the push button thereby to prevent removal of the push button in the opposite direction.

1,619,011. SHIPPING MEMBER. CALVIN A. AGAR, West Orange, N. J. Filed May 12, 1925. Serial No. 29,667. 3 Claims. (Cl. 154—33.)

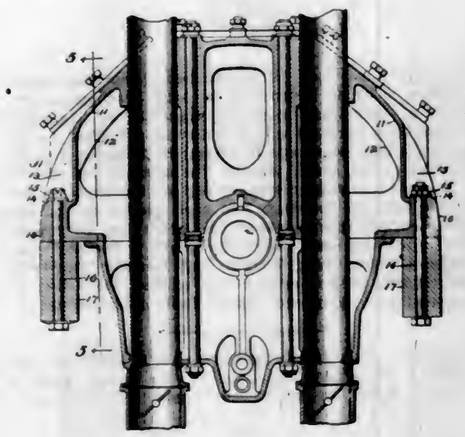
3. In the art of making a frame member having a plurality of sheets of corrugated paper and of uncorrugated paper, those steps which consist in directly and independently scoring the sheets of corrugated paper

along two parallel lines substantially perpendicular to the said corrugations and then gluing the said sheets of paper to each other while the sheets of corrugated paper are arranged between sheets of uncorrugated paper so



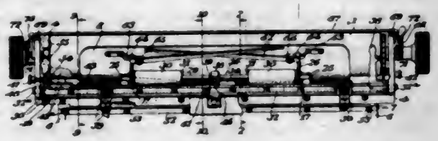
as to form a frame member having a substantially U-shaped transverse cross-section, the corrugations in the central leg of the said U-shaped member being maintained substantially unbroken.

1,619,012. CRANK-CASE CONSTRUCTION. GLENN D. ANGLE, Dayton, Ohio. Filed Dec. 30, 1920. Serial No. 434,130. 4 Claims. (Cl. 121—194.)



1. In an engine crank case, an upper crank case section comprising a substantially semicylindrical body forming the top and side walls of such upper sections supporting ledges extending from the bottom edges of said body inwardly and having their bottom surfaces in line with the center of the engine crank shaft, and webs extending transversely within said body and serving to tie together said top and side walls of the body and the said ledges.

1,619,013. TYPEWRITING MACHINE. FRANK H. ARMSTRONG, Auburn, N. Y., assignor, by mesne assignments, to L. C. Smith & Corona Typewriters Inc., Syracuse, N. Y., a Corporation of New York. Filed Apr. 23, 1925. Serial No. 25,277. 26 Claims. (Cl. 197—138.)



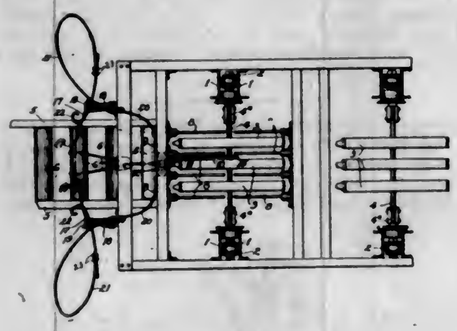
1. In a typewriting machine, the combination of a carriage support, a platen carriage mounted on the support to travel transversely of the machine, a platen rotatably supported on the carriage, a margin-stop-carrying bar rotatably supported on the carriage, front and rear paper feed rollers, means for yieldably supporting said rollers, manually actuated means operable on said roller supporting means to cast off the feed rollers, cooperating abutments on the bar and carriage for determining the normal position of the bar, and a coiled spring connected with said bar and the cast-off means normally yieldably holding the bar in normal position and urging the cast-off means in the direction of its cast-off movement into engagement with the roller supporting means, said spring being so arranged as to initially urge the cast-off means after a cast-off operation in the opposite direction toward normal position.

1,619,014. BRACELET HOOK. SIDNEY O. BIGNEY, Attleboro, Mass., assignor to S. O. Bigney & Company, Attleboro, Mass., a Corporation of Massachusetts. Filed Apr. 27, 1926. Serial No. 104,919. 9 Claims. (Cl. 24—233.)



1. A bracelet hook comprising a body portion with a hook at one end and having an adjustable laterally-extending member cooperating with the hook for regulating the operating width of the engaging portion of the hook.

1,619,015. LOADING DEVICE. WILLIAM J. BOHN, St. Louis, Mo., assignor to Alvey Manufacturing Company, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 12, 1923. Serial No. 612,306. 6 Claims. (Cl. 198—26.)

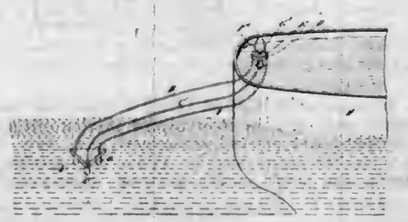


1. A loader for conveyers, comprising a feed-way terminating adjacent to said conveyer, gate members at the end of said feedway, said gate members being mounted on rock shafts vertically disposed on opposite sides of said feed-way to be operated thereby, spring members mounted on said rock shafts to permit passage of articles along the feed-way when the gate is closed and to prevent passage of articles when the gate is open, said spring members being in position to grip the sides of the next to the endmost article, and means for operating said rock shafts.

1,619,016. CLARIFICATION OF BEVERAGES. JACQUES DUCLAUX, Paris, France. Filed Dec. 5, 1922, Serial No. 605,086, and in France Dec. 6, 1921. 2 Claims. (Cl. 195—2.)

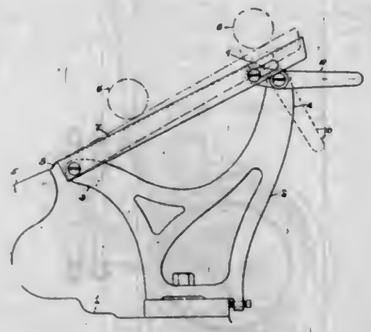
2. The method of clarifying and improving the keeping properties of fermented beverages containing material insoluble therein and living ferments which comprises passing the same through an ultra filter having a membrane containing nitro-cellulose.

1,619,017. MEANS FOR FINDING DIRECTION. RICHARD D. FAY, Nahant, Mass., assignor to Submarine Signal Company, Portland, Me., a Corporation of Maine. Filed June 8, 1918. Serial No. 238,839. 8 Claims. (Cl. 181—0.5.)



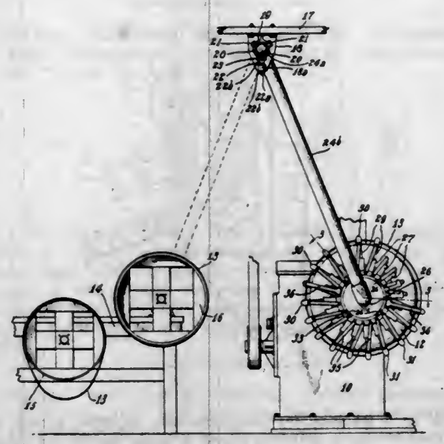
3. A mechanical sound direction-determining apparatus comprising a plurality of sound receivers, means for indicating to the observer the reception of sounds from any two of said receivers, and means located between said receivers and said indicating means and connected to both for selecting two of said receivers and equalizing the time of reception at said indicating means of the sounds from the selected receivers.

1,619,018. ADJUSTABLE ROLLER TRACK FOR GORDON PRINTING PRESSES. ROBERT J. FRACKELTON, Summit County, and FREDERICK C. SIXT, Cleveland, Ohio, assignors to The Chandler and Price Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 27, 1921. Serial No. 480,898. 4 Claims. (Cl. 101—342.)



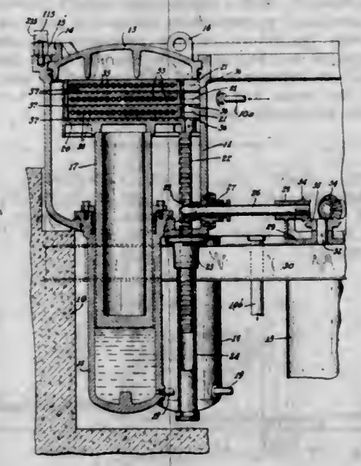
1. In a platen printing press, the combination of a bed and a track for the passage of the inking rolls over the form, a second track independent of but adapted to form a continuation of said first-named track adjacent the ink-distributing disk, and means for raising said second track, said means also constituting a lock against accidental displacement.

1,619,019. TIRE-BUILDING METHOD AND APPARATUS. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed July 11, 1922. Serial No. 574,227. 27 Claims. (Cl. 154—10.)



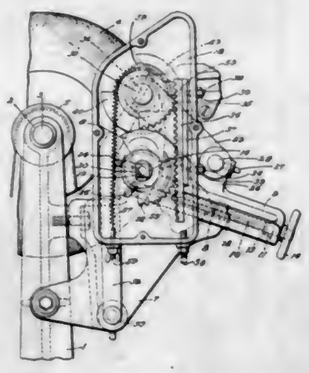
27. An apparatus for use in the manufacture of tires, comprising a drum and a tire form, an annular carrier movable from the drum to the form, and means associated with the carrier to hold a ring of tire material by its outer surface so as to leave its inner surface free to be placed over the form.

1,619,020. APPARATUS FOR VULCANIZING STRIP MATERIAL. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Jan. 29, 1924. Serial No. 689,235. 13 Claims. (Cl. 18—17.)



1. Apparatus for vulcanizing strip material, said apparatus comprising a vulcanizer casing providing an annular vulcanising chamber, an annular mold therein, means associated wtih said casing for holding said mold closed, and means for conducting a heating fluid into said chamber.

1,619,021. ABRADING MACHINE. JOSEPH GOULDBOURN, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Dec. 15, 1922, Serial No. 607,198, and in Great Britain Jan. 23, 1922. 21 Claims. (Cl. 57—92.)

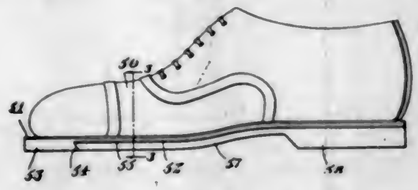


1. In a machine for simultaneously grinding a pair of curved blades, a grinding wheel, a blade carrier for rocking a curved blade to be ground about its axis of curvature to present it in a predetermined relation to the periphery of the wheel, and a second blade carrier for rocking a like blade about its axis of curvature to present it in the same relation to the wheel at a different part of its periphery.

1,619,022. MANUFACTURE OF ALUMINUM CHLORIDE. FRANK W. HALL, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a Corporation of Texas. Filed Dec. 30, 1921. Serial No. 525,876. 4 Claims. (Cl. 23—95.)

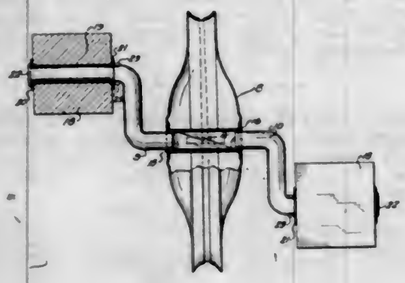
1. In the manufacture of aluminum chloride, the process that comprises passing an alumina-carbon mixture containing an excess of carbon through a retort, contacting the mixture with chlorin, continuously passing the excess carbon into a combustion chamber in free communication with the retort, causing combustion of the fuel thus admitted to the combustion chamber, and directing the resultant hot gases about the exterior of the retort to heat the same, and continuously removing from the retort the aluminum chloride vapors.

1,619,023. BOOT OR SHOE, COMPOSITE SOLE THEREFOR, AND METHOD OF MANUFACTURING SAME. BENJAMIN F. HARTWELL, Winchester, Mass. Filed May 27, 1926. Serial No. 112,150. 3 Claims. (Cl. 36—32.)



1. A composite sole, comprising a layer of rubber or rubber composition having a beveled reinforcing toe piece, a relatively thin midsole of crepe rubber adhered to said layer, and a crepe rubber outsole unified with said crepe rubber midsole, one end of the outsole being beveled to cooperate with the beveled end of the toe piece.

1,619,024. WHEEL AND CRANK. GOTTLOB F. HONOLD, Sheboygan, Wis., assignor to The Globe Company, a Corporation of Wisconsin. Filed Apr. 30, 1926. Serial No. 105,787. 4 Claims. (Cl. 208—68.)

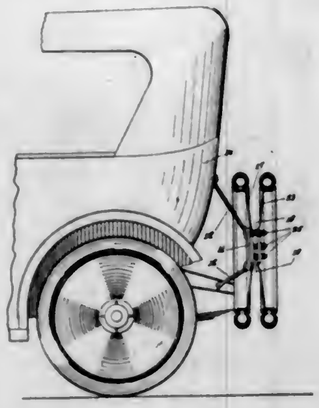


1. In combination, a wheel having a transverse opening, a pair of crank sections entering said opening and having a shouldered and notched engagement with each other, and a yielding sleeve member within said opening and enclosing the crank section portions therewithin.

1,619,025. HEAT TREATMENT OF STEEL. EDWARD F. KENNEY, Bethlehem, Pa. Filed Apr. 23, 1926. Serial No. 104,224. 2 Claims. (Cl. 148—13.)

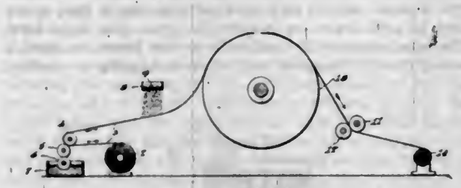
1. The process of heat treating a steel object which consists in rapidly cooling it from a temperature above to a temperature below the critical range, then equalizing at a temperature below the critical range but before the object has cooled to the blue-heat zone, and then cooling to atmospheric temperature.

1,619,026. CARRIER FOR SPARE DISK WHEELS. HERBERT V. LUDWICK, Philadelphia, Pa., assignor to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Aug. 1, 1922. Serial No. 578,901. 4 Claims. (Cl. 224—29.)



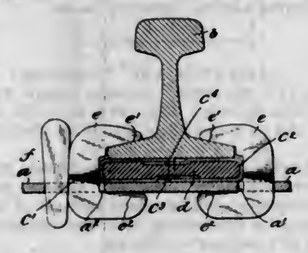
4. A combined spacing and securing member for spare disk wheel carriers or the like comprising a cap nut having a main body portion polygonal in cross section and provided at its open end with a convex face and at its closed end with a threaded pin in axial extension of the main body portion.

1,619,027. COATED PAPER AND PROCESS OF COATING PAPER. WILLIAM WALLACE MCLAURIN, Brookfield, Mass. Filed Mar. 31, 1922. Serial No. 548,817. 8 Claims. (Cl. 91—70.)



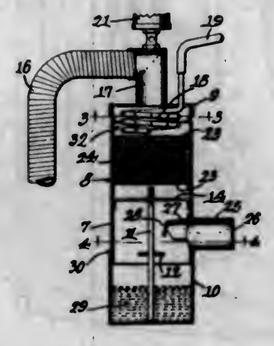
1. That improvement in the process of coating paper with an adhesive which consists in wetting the surface of the paper to be coated, and then applying to said surface a coating of powdered adhesive soluble in the liquid with which the surface is wet and then drying the paper.

1,619,028. SHOCK-INSULATED RAIL TRACK. ALFRED F. MASURY and EMIL C. FINK, New York, N. Y., assignors to The Rubber Shock Insulator Company, Inc., New York, N. Y., a Corporation of Delaware. Filed Aug. 23, 1926. Serial No. 130,858. 5 Claims. (Cl. 238—283.)



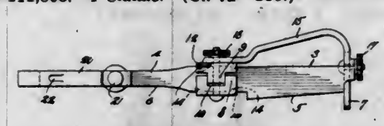
1. In a cushioning device between a rail and tie, a separate housing, a block of rubber completely confined by the housing and means to exert a force transverse to the axis of the rail to secure the housing between the rail and tie.

1,619,029. AIR WASHER FOR INTERNAL-COMBUSTION ENGINES. EARL V. MORRIS, Big Lake, Tex. Filed Sept. 21, 1926. Serial No. 136,885. 3 Claims. (Cl. 261—97.)



1. In a device of the class described, a receptacle provided at its upper end with an air outlet, and supplied near to its lower end with an air inlet, a filter in the receptacle between the inlet and the outlet, a distributing head in the receptacle above the filter, means for supplying vapor to the head, and a liquid container discharging downwardly on the filter, the head being centrally opened so that the container can discharge downwardly therethrough.

1,619,030. MASONRY JOINTING TOOL. NATHANIEL PAUL O'NEAL, Hope, Ark. Filed May 26, 1926. Serial No. 111,803. 4 Claims. (Cl. 72—138.)



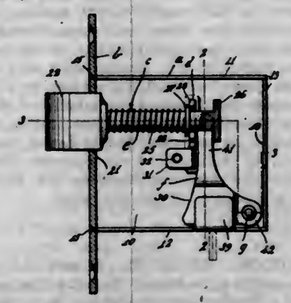
1. In a device of the class described, a loop-shaped body, a collar about the body, means for securing the collar upon the body, a raker secured at one end to the collar by said means, the raker including an angularly disposed finger located transversely of the body, and means for securing the finger adjustably to one end of body.

1,619,031. WINDOW FASTENER. JOSEPH OSTROSKY, Jr., Duryea, Pa., and PAUL OSTROSKY, Detroit, Mich. Filed May 6, 1926. Serial No. 107,267. 3 Claims. (Cl. 292—240.)



1. A window fastener comprising a base adapted to be mounted on one sash, a member rotatably mounted upon said base and adapted to engage a keeper arranged upon another sash when rotated in one direction, and a gravity actuated lever pivoted on said base to cause one end thereof to slidably engage the bottom of the rotatable member when the latter is disengaged from the keeper, said lever having a lug adapted to engage an edge of said rotatable member when the latter is engaged with its keeper to lock it in engagement position.

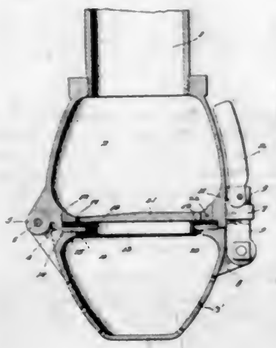
1,619,032. DOOR LATCH. STUART W. PARSONS, New Britain, Conn., assignor to The Stanley Works, New Britain, Conn., a Corporation of Connecticut. Filed May 21, 1926. Serial No. 110,792. 6 Claims. (Cl. 292—165.)



6. In a door latch of the character described and in combination, a casing having a face plate, a part formed of sheet metal and having side, top, bottom and rear walls and a removable sheet metal side plate; a bolt

slidably mounted in said casing and extending through said face plate; a sheet metal guide for said bolt and secured to said side wall; a screw for securing said side plate to said guide; a sheet metal lever having an arm operatively associated with said bolt; and a thumb piece engaging said lever.

1,619,033. VALVE. FREDERICK A. PERRENOT, San Antonio, Tex., assignor of one-half to Russell J. Kieffer, San Antonio, Tex. Filed Apr. 14, 1926. Serial No. 102,022. 2 Claims. (Cl. 251—123.)



2. The combination of a valve body, a member hinged thereto at one side and provided with a projection at its opposite side, a locking lug on the valve body, straps pivoted to the projection on the hinged member and adapted to extend therefrom at opposite sides of the locking lug and terminate above the locking lug, a lever pivoted between the upper ends of said straps and having a cam head to bear upon the locking lug, a gasket held by and between the hinged member and the valve body, and a valve disk mounted within the body to seat upon the gasket.

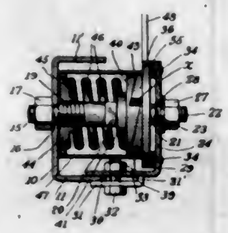
1,619,034. SECTIONAL CONDENSER. JOSEPH PRICE, New York, N. Y., assignor to The Griscom-Russell Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 29, 1924. Serial No. 740,440. 4 Claims. (Cl. 257—234.)



1. Heat exchange apparatus of the class described comprising a plurality of heat interchange units including an initial unit, an intermediate unit and an end unit, arranged one above the other, heat transferring tubes in said respective units for conveying one of the heat transferring fluids, baffles in said intermediate unit extending from the ends thereof toward the middle to thereby deflect the incoming fluid toward the middle of the unit in substantial parallelism with said tubes, inlets near both ends of the units on one side of said baffles, and outlets near both ends of the units on the opposite sides of the baffles so that the incoming fluid is led through the apparatus in a plurality of parallel paths.

1,619,035. SHOCK ABSORBER. ALBERT RAFTER, Newark, N. J., assignor to Rafter Machine Company, Newark, N. J., a Partnership comprising John Rafter, Albert Rafter, and John C. Rafter. Filed Dec. 15, 1922. Serial No. 607,025. 1 Claim. (Cl. 267—9.)

In a shock absorber, the combination with an axle having elliptic springs and a chassis frame supported by the springs, said axle provided with a housing, of a bracket fixed on said springs to engage said housing, a raised lug on said bracket, a link pivoted in the lug to extend substantially upright above said chassis frame, a lever pivoted to said link, said lever having a disc, a bolt fixed in said frame on which the lever disc is pivoted, a housing clamped by said bolt to the frame, a friction ring fixed on the outer wall of said housing to contact



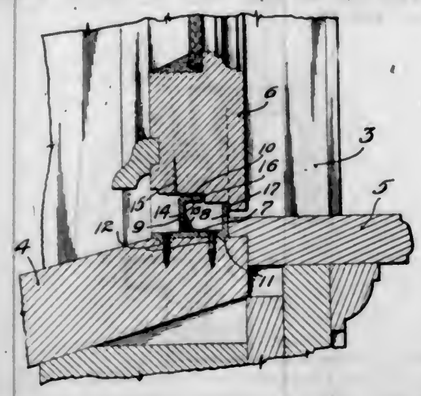
with said disc, a plurality of cams on the inner face of the disc, a collar provided with a square opening and having complementary cams, said collar being slidable on a squared section of said bolt, a spring urging said collar towards the disc, means on said bolt to adjust the pressure of said spring, and a tubular casing interposed between said disc and frame to enclose all of said cams, the spring and its adjusting means.

1,619,036. CLARIFYING AND PURIFYING LIQUIDS AND WASTE WATERS. ANDREAS JOHAN RAVNESTAD, Fredriksstad, Norway. Filed Oct. 26, 1923, Serial No. 671,052, and in Norway Sept. 28, 1920. 5 Claims. (Cl. 210—23.)

1. The process of clarifying and purifying liquids and waste waters containing suspended organic, mineral or colloidal substances comprising the addition of an organic colloid, and of a flocculating agent for coagulating said colloid, and of a settling accelerator.

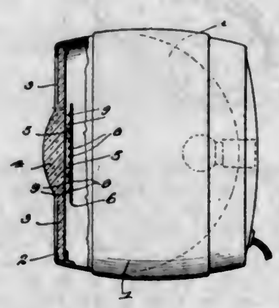
5. The process of clarifying and purifying liquids and waste waters containing suspended substances comprising the addition of alginates in the presence of sulphuric acid and a settling accelerator.

1,619,037. WEATHER STRIP FOR INSWINGING CASEMENTS. FRANK REESE, Minneapolis, Minn. Filed Sept. 11, 1922. Serial No. 587,529. 1 Claim. (Cl. 20—69.)



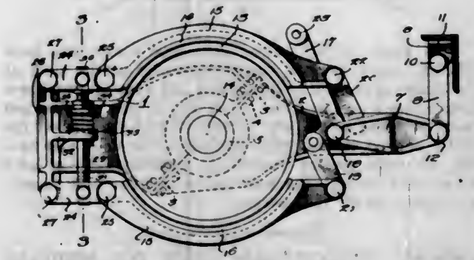
The combination with a window frame and a swinging casement, the former having a sill and a stool extending above said sill, of a one-piece metallic sill strip secured to the sill and a supplemental joint strip secured to the inner edge of said casement, said sill strip having upstanding inner and outer flanges, the former of which engages the outer edge of the stool and projects thereabove, said outer flange being located materially inward of the outer edge of the sill strip and the outer face of the casement and having a horizontal inward extension lying in a plane above the upper edge of the inner flange with its inner edge spaced materially outward thereof, screws securing the sill strip to the sill and extending through holes in said sill strip, certain of which are between the inner flange and the inner edge of said extension on the outer flange, the under edge of the casement having inner and outer rabbets, the former of which overlaps the inner flange and the latter of which overlaps the inner edge of said extension on the outer flange, said supplemental joint strip being U-shaped in cross section and arranged to engage said extension of the outer flange, and a drain hole in the outer flange.

1,619,038. AUTOMOBILE LENS. LOUIS E. RICE, New Martinsville, W. Va. Filed July 13, 1926. Serial No. 122,128. 3 Claims. (Cl. 240—48.4.)



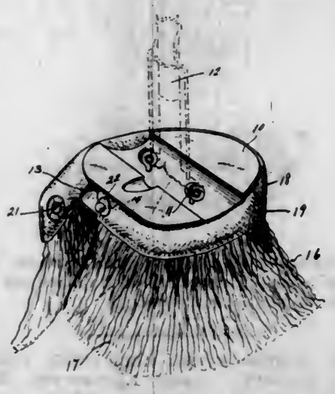
2. A non-glare lens comprising a transparent body having an intermediate light focusing area, said body being provided at its side surface and adjacent the edge of the light focusing area with posts of transparent material, and a shutter plate having lugs engaging said posts, said shutter plate being provided with openings disposed opposite the light focusing area of the lens.

1,619,039. BRAKE. LESLIE W. RICHARDS, St. Louis, Mo., assignor to St. Louis Car Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 8, 1926. Serial No. 93,314. 5 Claims. (Cl. 188—75.)



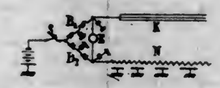
1. In a device of the character described, a drum, a bracket mounted concentrically with said drum, said bracket being free to rotate, a link connecting one end of said bracket to the frame of the vehicle, a pair of shoes pivotally mounted on said bracket, and an operating member pivotally mounted on said bracket and connected to the opposite end of said shoes.

1,619,040. MOP. PHOEBE M. ROCHE, Cleveland, Ohio. Filed Oct. 30, 1924, Serial No. 746,853. Renewed July 20, 1926. 2 Claims. (Cl. 15—229.)



1. The combination with a mop head having formed therein a groove, of a mopping element having an enlarged band adapted to be positioned in said groove, a male fastener carried by one end of said band, a female fastener carried by the other end of said band, said female fastener having a socket and means upon the head at the base of the groove for entering the socket of the male fastener.

1,619,041. DUPLEX ARRANGEMENT FOR TELEGRAPH CABLES. HANS WERNER GEORG SALINGER, Berlin, Germany. Filed Feb. 8, 1926, Serial No. 86,954, and in Germany Jan. 31, 1925. 1 Claim. (Cl. 178—63.)

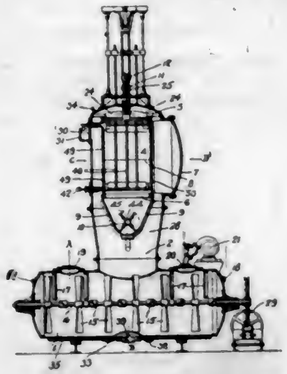


Duplex arrangement for telegraph cables comprising a Wheatstone bridge, the cable and an artificial line constituting two arms thereof and means capable of improving the shape of the transmitted current being inserted in the two other resistance arms of the bridge and being such that they allow the passage of transmitted currents of the desired frequency without substantially reducing the received currents of the same frequency and that they do not allow the passage of transmitted currents of undesired frequencies and form a short circuit for the receiver as regards these frequencies.

1,619,042. APPARATUS FOR TREATING LIQUIDS WITH DECOLORIZING, PURIFYING, AND FILTERING AGENTS AND FOR SEPARATING UNDISSOLVED SUBSTANCES FROM LIQUIDS. JOHAN NICOLAAS ADOLF SAUER, Amsterdam, Netherlands. Filed Nov. 2, 1921, Serial No. 512,355, and in Sweden Nov. 2, 1920. 12 Claims. (Cl. 210—182.)

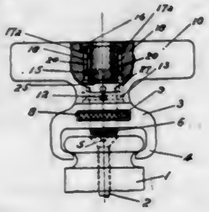
1. An apparatus of the class described, comprising a mixing vessel, a filter arranged above said vessel and com-

municating therewith, a collector located between the filter and the mixing vessel, a mixer in said collector, and



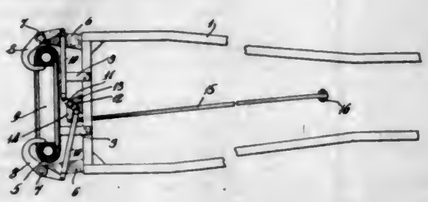
a pump having a connection to said collector, another connection to the upper portion of the filter, and a third connection to the mixing vessel.

1,619,043. SCREW-DRIVER MECHANISM FOR INSULATOR SCREWS. ALBERT T. SCHEIWER, Erie, Pa. Filed Oct. 25, 1924. Serial No. 745,781. 4 Claims. (Cl. 145—50.)



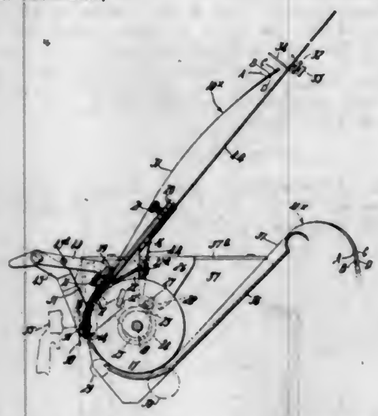
4. In a screw driver mechanism for insulator screws, the combination of a driver; a frame in which the driver is mounted comprising hooks adapted to engage an insulator; a screw thread formed on the driver; means for feeding the driver by means of the screw thread relatively to the frame; a handle; and a ratchet driving connection between the handle and driver comprising means for locking the handle with the driver and for releasing the handle from the driver in either direction.

1,619,044. SPARE-TIRE LOCK. KARL SCHEER, New York, N. Y. Filed Nov. 23, 1923. Serial No. 676,492. 3 Claims. (Cl. 224—29.)



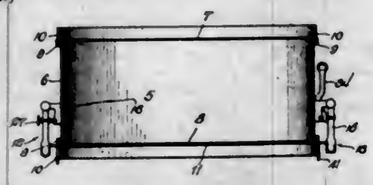
1. An automobile accessory comprising a cradle adapted to support a demountable spare tire, means for securing said cradle to an automobile, a hook-shaped lever swingably mounted in spaced relation to said means, said lever having its free end abut the demountable rim of said tire for securing the tire in the cradle, a hand lever adapted to be mounted adjacent the driver's seat, and means operatively interconnecting said levers.

1,619,045. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed July 10, 1924. Serial No. 725,129. 26 Claims. (Cl. 197—126.)



1. In a typewriting machine, in combination, a typewriter frame, a revoluble platen mounted thereupon, means on said frame for carrying a fan-fold web around said platen, a series of typewriter ribbons extending longitudinally of the machine through and transversely of the folds of said web, a series of blades supporting the ribbons and extending the length of the platen and also projecting through the folds of said web, each of said blades being arranged separately to support a ribbon and having means for securing the opposite ends of the ribbon thereon, means for removably securing said blades, each at one end only, upon said frame.

1,619,046. DRUM. JAMES H. WARD, Chicago, Ill. Filed Apr. 9, 1923. Serial No. 630,975. 9 Claims. (Cl. 84—415.)

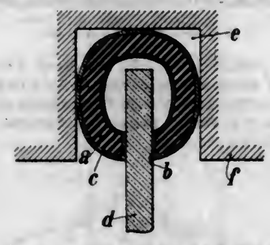


1. A drum having snares extending across one head thereof; snare-engaging members secured to the shell of the drum; a two-part strain hoop, the ends of which are spaced apart adjacent the snares and a pair of U-shaped snare bridging plates, one at each end of the snares, the major portion thereof extending above the hoop and having the ends thereof secured to adjacent ends of said hoop parts to join the hoop parts together and to provide openings for the snares.

1,619,047. WINDOW-GLASS GUIDE FOR VEHICLES AND THE LIKE. CHARLES TORRES WEYMANN, Paris, France. Filed Dec. 4, 1922. Serial No. 604,950, and in France Dec. 6, 1921. 2 Claims. (Cl. 296—44.5.)

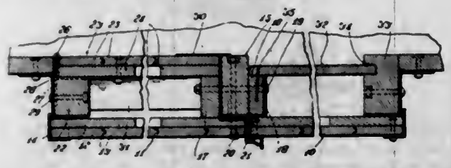
2. In combination, a window frame having a rabbet of uniform width, a slidable window glass, a substantial

cylindrical rubber tube having a longitudinal slot, said glass being gripped between the edges of said slots, the



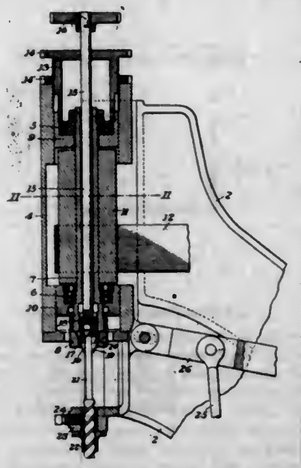
rubber tube being in engagement with the side walls of said rabbet and adapted to twist or turn therein when the window glass is displaced laterally.

1,619,048. RAILROAD-CAR-DOOR CONSTRUCTION. GORDON L. WHIPPLE, Omaha, Nebr., and LEWIS K. SILLCOX, Riverside, Ill. Filed Oct. 17, 1924. Serial No. 744,096. 8 Claims. (Cl. 20—22.)



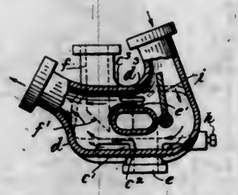
1. In a railroad car, the combination of a main door and an auxiliary door slidably mounted on the car exterior, a movable door-post carried by the auxiliary door, a spacing block secured to said movable door-post, with an inner door hingedly secured to one of the permanent door-posts of the car so as to swing inwardly into parallel relation with the car side wall, said inner door, when closed, being arranged in lapping relation with said permanent door-post and said spacing block.

1,619,049. MORTISING AND BORING MACHINE. CLINTON G. WILDERSON, Leetonia, Ohio, assignor to The Crescent Machine Company, Leetonia, Ohio, a Corporation of Ohio. Filed Oct. 10, 1923, Serial No. 667,658. Renewed Dec. 27, 1926. 6 Claims. (Cl. 144—78.)



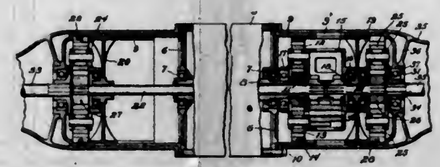
1. In a mortising and boring machine, a support, a hollow spindle journalled in said support and having a chuck holder at its lower end, a chuck mounted within said chuck holder, an adjustable member mounted within said hollow spindle for operating said chuck, a hollow chisel carried by said support, a bit within said hollow chisel held by said chuck, and means for adjusting said chuck holder with respect to said support whereby to adjust said bit with respect to said chisel, substantially as described.

1,619,050. APPARATUS FOR VAPORIZING HYDROCARBON MIXTURES. GOTTFRIED WIRRER, Plainfield, N. J., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed July 27, 1923. Serial No. 654,099. 2 Claims. (Cl. 123—122.)



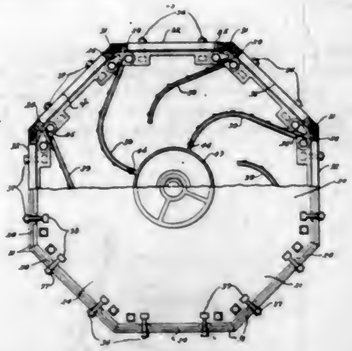
1. In combination with an inlet manifold and a metering device for hydrocarbon fuel, a collecting chamber having an inclined bottom wall, a passage for exhaust gases formed in said wall adjacent the extreme inclined portion thereof, a second passage formed in and adjacent to a wall of the chamber remote from first mentioned passage, a third passage substantially remote from a wall of said chamber and means to control the flow of exhaust gases in the second and third passage.

1,619,051. BALANCED REAR-AXLE DRIVE. AXEL HJ. ASPROOTH, Baltimore, Md., and ALFONSO M. LEONI, Philadelphia, Pa.; said Leoni assignor to Electro-Motive Devices, Inc., Philadelphia, Pa., a Corporation of New Jersey. Filed Sept. 4, 1923. Serial No. 660,714. 3 Claims. (Cl. 74—99.)



1. A rear axle drive including a motor, a first reduction gear set, a hollow shaft connecting it with the motor, a differential driven by said gear set and supported therewith, as a unit, independently of the motor support, second reduction gear sets, one on each side of the motor, driving connections between the differential and second reduction gear sets, and an axle housing with web extensions in which said driving connections are journaled and which carry one of the bearings for the differential and one of the bearings of the respective second reduction gear sets.

1,619,052. CYLINDER FOR PAPER-PULP MACHINES. NATHAN H. BERGSTROM, Neenah, Wis. Filed July 21, 1924. Serial No. 727,237. 2 Claims. (Cl. 141—12.)



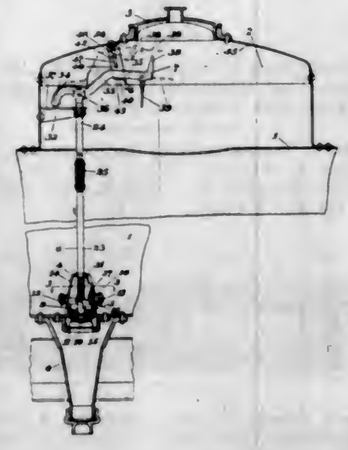
1. A cylinder for paper pulp machines, comprising a rotatable polygonal frame, a cylinder member of double conical shape removably secured within said frame, spaced bucket members within said frame for directing liquid to the surface of said cylinder member, longitudinally extending grate members removably secured to the frame, and screen members removably secured to the frame and grate members.

1,619,053. PILE. EDWARD BIGNELL, Lincoln, Nebr., assignor to Concrete Tiling Co., Seward, Nebr., a Corporation of Nebraska. Filed June 20, 1924. Serial No. 721,221. 2 Claims. (Cl. 61—80.)



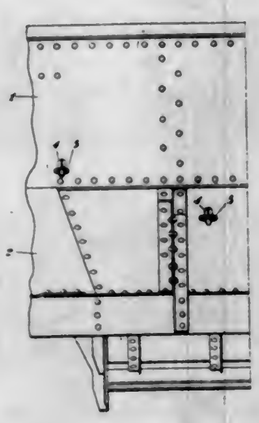
1. In combination with a pile having a nozzle at its nose and a transverse socket at its upper end, tongs having jaws for engaging the socket, a jetting frame carried by the tongs and surrounding the pile, the jetting frame having communication with the nozzle, means for supplying water through the frame of the nozzle to remove material in advance of and around the pile and means for releasing the tongs from the pile so that the tongs can be withdrawn and remove the jetting frame.

1,619,054. DISCHARGE DEVICE FOR TANKS. MINOT C. BLEST, Bellevue, Pa., assignor to Pressed Steel Car Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Dec. 13, 1921. Serial No. 522,076. 21 Claims. (Cl. 137—21.)



1. A discharge valve device for tanks comprising a valve seat member, a valve plug, a rod for operating said plug, a projection on said rod, and adjustable means on said valve seat member adapted to be engaged by said projection to hold said valve plug in closed position.

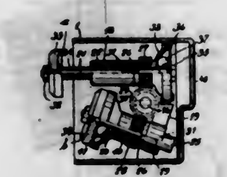
1,619,055. POKE-HOLE COVER. MINOT C. BLEST, Bellevue, Pa., assignor to Pressed Steel Car Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Feb. 28, 1924. Serial No. 695,636. 5 Claims. (Cl. 105—355.)



1. The combination with a car body having a "poke hole" formed therein, a bracket mounted on said body adjacent said "poke hole," a cover for said "poke hole"

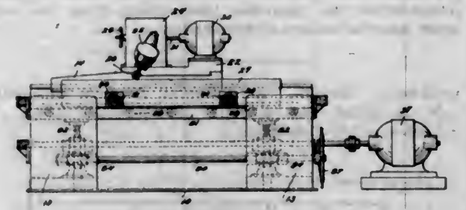
rotatably and slidably connected with said bracket, and means on said bracket adjacent the connection between the bracket and cover adapted to be engaged by said cover to lock said cover in closed position.

1,619,056. GRINDING APPARATUS FOR MEAT-SLICING MACHINES AND THE LIKE. VICTOR HERBERT MAGNUS BRUNSKOG and JOSEF AUGUST NORDIN, Stockholm, Sweden, assignors to Aktiebolaget Stille-Werner, Stockholm, Sweden. Filed Dec. 2, 1925, Serial No. 72,805, and in Sweden Oct. 24, 1925. 3 Claims. (Cl. 51—247.)



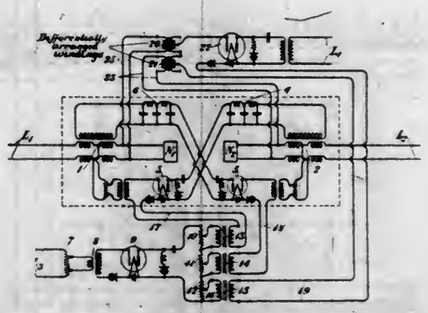
1. Apparatus for grinding the disc-knife of a meat-slicing machine, comprising grinding members, said members being positively driven by the driving means of the machine, the rotary velocity of the grinding members having a constant relation to the rotary velocity of the disc-knife, and movable members subjected to the action of centrifugal force, said movable members being arranged to automatically move the grinding members into their grinding position only when a predetermined rotary velocity is attained.

1,619,057. MILLING MACHINE. JOHN J. COFFEY, Bethlehem, Pa., assignor to Bethlehem Steel Company, Bethlehem, Pa., a Corporation of Pennsylvania. Filed Mar. 29, 1922. Serial No. 547,790. 8 Claims. (Cl. 90—15.)



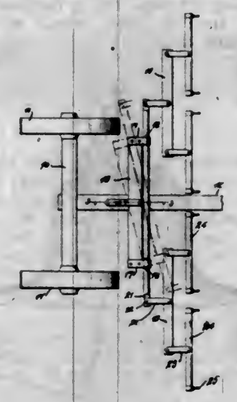
1. A milling machine comprising in combination, a stationary bed, a tool carriage movable longitudinally thereon and means for moving said tool carriage, including a non-rotatable threaded rod extending longitudinally of the bed, an internally threaded sleeve having threaded engagement with the rod and rotatably secured to the tool carriage, a rotatable shaft arranged parallel to said non-rotatable threaded rod, a motor for rotating said shaft, and change speed gearing movable with the tool carriage and operatively connecting the rotatable shaft and said rotatable sleeve.

1,619,058. TELEPHONE REPEATER STATION. GEORGE CRISSON, Hackensack, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Feb. 7, 1922. Serial No. 534,721. 8 Claims. (Cl. 179—170.)



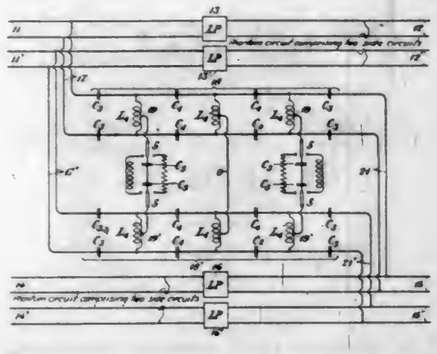
1. In combination with a transmission line including a two-way repeater and net-works for balancing the sections of the lines interconnected by the repeater, a listening circuit, and circuits bridged across the terminals of the networks associated with the line sections for associating said listening circuit with said repeater.

1,619,059. FOUR-HORSE-WAGON EVENER. WILLIAM M. CROW, Cole, S. Dak. Filed Oct. 26, 1923. Serial No. 670,909. 1 Claim. (Cl. 278—9.)



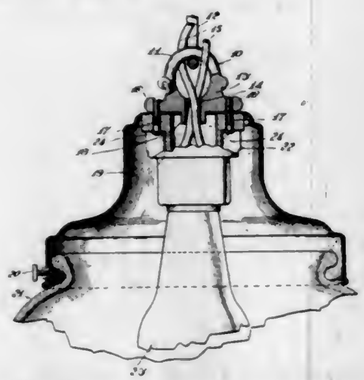
In a four-horse wagon evener, in combination, a wagon pole, a main bar centered crosswise upon the said pole and eccentrically pivoted thereto with its opposite ends terminating inwardly of the wagon wheels to clear the same when making a turn, a hollow pipe rotatably mounted on the main bar adjacent the forward edge thereof, said hollow pipe being of such length as to project an appreciable distance beyond each end of the main bar and said main bar being so mounted with respect to the wagon wheels as to space the said pipe a sufficient distance forwardly of the wagon wheels to avoid striking the wheels when making a turn, a forwardly projecting connecting member at each end of the said hollow pipe adapted to be normally maintained in a horizontal plane by the pull of the draft animals, a secondary bar centrally pivoted to the outer end of each connecting member, and a whiffletree centrally pivoted at each end of each secondary bar.

1,619,060. SYSTEM OF MULTIFREQUENCY CIRCUITS. RALPH W. DEARDORFF, Kensington, Calif., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Feb. 8, 1924. Serial No. 691,455. 8 Claims. (Cl. 179—15.)



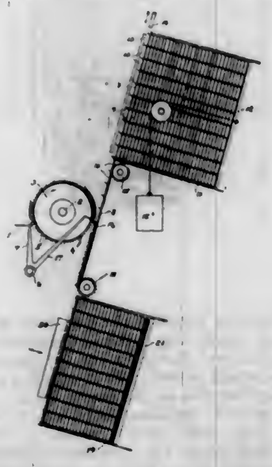
1. In combination, two phantom circuits each comprising a pair of side circuits, low pass filters interposed in said side circuits, and connections between the parts of the side circuits one way of one pair to the parts of the respective side circuits one way of the other pair, these connections each comprising a high pass wave filter and means to shunt out phantom currents across said high pass filters.

1,619,061. LIGHTING FIXTURE. ANTON DVORAK, Berwyn, Ill., assignor to Beardslee Chandelier Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed May 26, 1924. Serial No. 715,845. 1 Claim. (Cl. 240—78.)
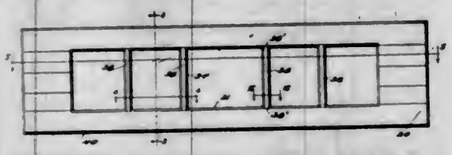


In a lighting fixture, a supporting member provided at top with a loop portion to receive a suspending element, the base of the member being centrally provided with an apertured boss on the lower face for the passage of electric wires, said base being extended on opposite sides of the central opening with a flat bottom face having a tapped opening at each end, a lamp holding socket member having an apertured laterally disposed upper portion, a shade or bowl-holding shell centrally apertured at top to receive said apertured boss and provided with openings on opposite sides registering with the tapped openings in the base of the supporting member, the top of said shell being clamped between the supporting member and said socket member, and fastening means disposed through the lateral portion of the socket member, the openings in said shell and the tapped openings in the bottom of the extended portion of said supporting member, whereby a plurality of independent suspension points on opposite sides of the median line of the supporting member are provided.

1,619,062. MEANS FOR PACKING CIGARETTES. GUNNAR CHRISTIAN EKSTRÖM and GUSTAF ÖRSTRÖM, Stockholm, and BROR ANDERS EMIL JOHNSON, Appelviken, Sweden, assignors to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden, a Corporation of Sweden. Filed July 7, 1921, Serial No. 483,067, and in Sweden June 11, 1921. 1 Claim. (Cl. 226—5.)



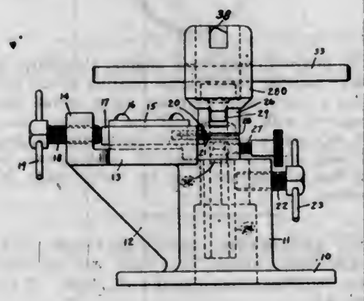
In a device for transmitting cigarettes, oval in cross section, from a cigarette making machine to a carrier, in which the cigarettes are held in a distinct position and by means of which they are moved to a packing device, the provision of a substantially horizontal, stationary support, on which the cigarettes are delivered from the cigarette producing members of the said machine, a member moving the cigarettes positively and transversely on the said support, a conveyer located at the side of the said support and provided with holders, in which the cigarettes are placed by the moving member, means moving the said carrier past the said conveyer, and a member transmitting the cigarettes transversely from the conveyer into the holders of the carrier.

1,619,063. VESSEL. ERIC HAROLD EWERTS, Elizabeth, N. J. Filed Nov. 4, 1921. Serial No. 512,862. 5 Claims. (Cl. 114—79.)



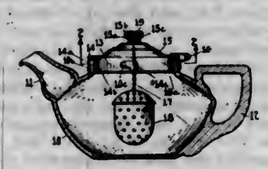
3. In a vessel, the combination of a keel member; a plurality of transverse frames each of which consists of a pair of aligned bottom angle members having their adjacent ends welded to the keel member, the leg portions of the angle members extending downwardly and the outer ends of the angle members being scarfed, vertical angle members having lower scarfed ends which fit the scarfed ends of the first angle members and are welded thereto, the upper ends of the vertical angle members being scarfed and the leg portions of said vertical members extending outwardly, transverse top or deck angle members having scarfed ends which fit the upper scarfed ends of the vertical angle members and are welded thereto, the leg portions of the last-named angle members extending upwardly; and plates welded to the leg portions of the bottom, the vertical, and the top or deck angle members of the frames; and to one another and constituting, with the keel member, the sole connecting means between frames, said plates being provided with inwardly-projecting flanges which extend longitudinally of the vessel, which fit in recesses provided therefor in the leg portions of the angle members and which constitute longitudinal stringers for the vessel, the edges of the plates adjoining the keel member being secured to the latter.

1,619,064. ROLLING DEVICE FOR BEADING OPERATION. DAVID FERGUSON, Indianapolis, Ind., assignor to Eclipse Tool Company, a Partnership of Indianapolis, Ind. Filed Feb. 23, 1923. Serial No. 620,748. 17 Claims. (Cl. 153—9.)



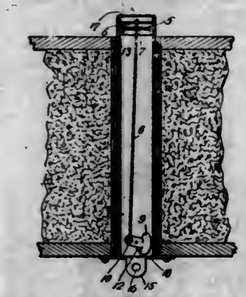
1. A rolling mechanism adapted to receive a sleeve shaped stationary piece of work and a sleeve type female piece of work engaged over said stationary work in free rotatable relation thereto, said mechanism having a relatively stationary roller means adapted to be brought into rolling contact with said female work; a headed rod means telescoped within said pieces of work, having a concentric groove within said stationary work, the head of said rod means engaging said female work; and a screw means threaded thru the wall of said stationary work and adapted to engage the lower corner of said groove and thereby cam said rod means longitudinally in said members for retaining said female work on said stationary work.

1,619,065. TEAPOT OR COFFEEPOT. SOLOMON FORMAN, New York, N. Y. Filed Sept. 17, 1924. Serial No. 738,122. 5 Claims. (Cl. 53—3.)



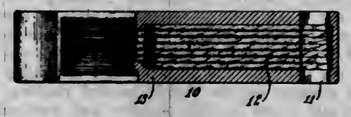
1. In a device of the character described, the combination of a vitreous dispensing container having a top opening, a demountable metallic closure member for said opening, said member comprising a base ring of U-shaped cross-section adapted to engage the rim about said opening and a cover hinged to said ring, said cover having a vertically perforated knob centrally mounted thereon, and a tea ball having a chain upwardly extending through said knob, said knob having a slot for engaging said chain lengthwise thereof for adjustably hanging the tea ball from said cover in the container.

1,619,066. AUTOMATIC AIR AND GAS CHECK VALVE. JOHN M. FOTCH, Chicago, Ill. Filed Nov. 22, 1924. Serial No. 751,592. 8 Claims. (Cl. 98—51.)



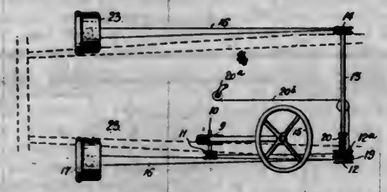
1. A vent of the class described comprising a tube, a seat near the top of the tube, a disc cooperating with said seat, a weight pivoted in the tube, a connecting rod extending from the disc to one arm of the pivoted weight, a means for limiting the movement of the weight.

1,619,067. DOORCHECK STRAP. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Mar. 5, 1924. Serial No. 697,019. 1 Claim. (Cl. 16—82.)



A door check strap comprising a rubber structure having imbedded therein a single strand of material disposed in a plurality of adjacent longitudinally disposed, laterally abutting loops, said loops being open at the ends of the strap to provide apertures in the strap and having their intermediate portions all secured closely together throughout the rest of the strap.

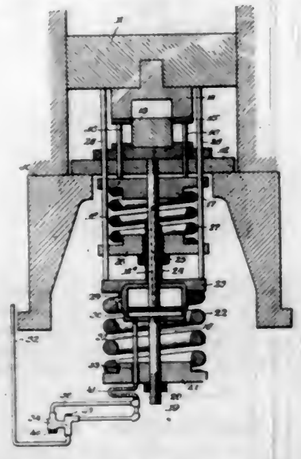
1,619,068. DIRIGIBLE HEADLIGHT. JAMES HYNDES GILLIES, Hobart, Tasmania, Australia. Filed Feb. 15, 1926, Serial No. 88,680, and in Australia Aug. 22, 1925. 2 Claims. (Cl. 240—62.)



1. In vehicle head lamps, a shaft on the steering worm wheel, a pulley on the shaft, a countershaft and pulleys thereon operated from said worm wheel shaft, flexible wire cords on the worm wheel and countershaft pulleys, lamps on pillars on the vehicle body and a pulley on each lamp pillar over which a cord passes from a countershaft pulley, brackets on the vehicle body, a lamp and pillar in each bracket, a pulley on each lamp pillar over which a cord from a countershaft pulley passes, a recess at one side

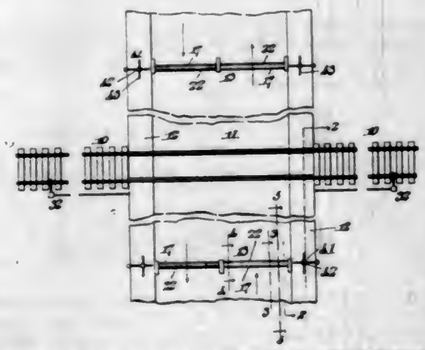
of each pillar, a reaction plate fulcrumed in each bracket and a spring held in each bracket that presses a plate against a pillar, the pillars that carry the lamps being made hollow to a point below the part recessed.

1,619,069. BLANK-HOLDING MEANS. RUDOLPH W. GLASNER and JOHN NELSON, Chicago, Ill., assignors to Marquette Tool & Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 6, 1924. Serial No. 730,352. 23 Claims. (Cl. 113—46.)



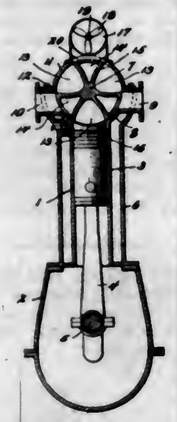
1. A draw press including a forming die, a movable element co-operating with the die, a blank holding member, resiliently yielding means for resisting the movement of the blank holding member, a second resiliently yielding means also operable to resist the movement of the blank holding member, means responsive to the movement of the said movable element and operating to relieve the pressure of the second recited yielding means upon the said blank holding member, and fluid pressure means operating to retard the return movement of the said blank holding means when the said movable member recedes.

1,619,070. RAILWAY-CROSSING GUARD. WILLIAM H. GOLDING, Merrick, N. Y. Filed Feb. 28, 1924. Serial No. 695,769. 6 Claims. (Cl. 39—6.)



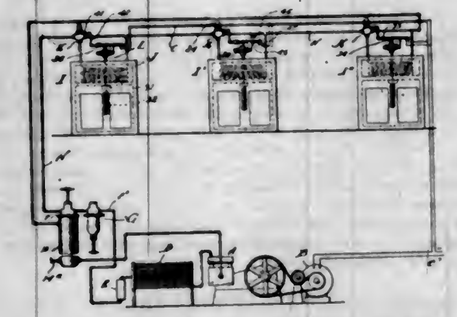
1. In a device of the class described, a barrier member mounted for oscillation upon a roadway, means normally and yieldably maintaining said barrier in obstructing position, a latch member for holding said barrier so positioned, and an electro-magnet for operating said latch member.

1,619,071. INTERNAL-COMBUSTION ENGINE. WILBURN H. HENDERSON, El Paso, Tex. Filed June 27, 1923. Serial No. 648,047. 7 Claims. (Cl. 123—78.)



1. In an internal combustion engine, a cylinder, a piston, a valve member rotatable in relation to the cylinder and having a combustion chamber which moves into and out of registry with the bore of the cylinder, means internal of said valve member for constantly cooling the walls of said combustion chamber, and means for inducing a flow of cool air over the outer walls of said valve member.

1,619,072. AUTOMATIC REFRIGERATION SYSTEM. GEORGE HILGER, Chicago, Ill. Filed Aug. 20, 1923, Serial No. 658,254. Renewed Oct. 6, 1926. 2 Claims. (Cl. 62—4.)

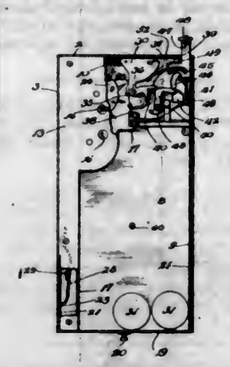


1. A refrigeration system comprising, in combination, a feed line, a condenser and compressor supplying liquid refrigerant to said feed line, a valve for expanding the liquid refrigerant into said line at constant pressure, a succession of refrigerating coils each having its inlet and outlet communicating with said feed line, individual thermostatic valves controlling the flow of refrigerant to each of said coils, a common return line leading from said feed line beyond the outlet of the last coil, and a control valve interposed in said feed line between said expansion valve and the first refrigerating coil, said valve being adapted to regulate the flow of refrigerant to all of said coils solely under the control of the temperature in said return line.

1,619,073. COIN BANK. JOSEPH B. INGALLS, Chicago, Ill. Filed Feb. 23, 1923. Serial No. 620,819. 6 Claims. (Cl. 194—61.)

1. In a coin bank, the combination of a counting mechanism, a trip at one side of the path of an inserted coin

for actuating said mechanism, means extending into the path of an inserted coin for operating the trip, means extending into the path of the coin for holding said trip normally inoperative, a pusher adapted to engage an in-

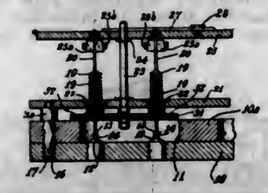


serted coin, and means for operating said pusher whereby the coin will be caused to release the stop device and actuate the trip whereby to operate the counting mechanism.

1,619,074. LUBRICANT. HERBERT L. JOHNSON, Brooklyn, N. Y., assignor to Standard Development Company, a Corporation of Delaware. Filed Nov. 24, 1923. Serial No. 676,853. 11 Claims. (Cl. 87—9.)

10. A lubricant which comprises a mineral lubricating oil containing a water-soluble sulfonic compound derived from mineral oils and an non-mineral oleaginous vehicle.

1,619,075. WASHER-FEEDING APPARATUS. WALDEMAR D. KMENTT, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Nov. 17, 1923. Serial No. 675,425. 7 Claims. (Cl. 18—1.)



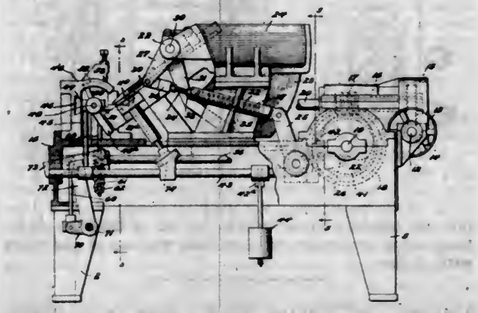
1. Washer-manipulating apparatus comprising a frame structure, a washer-guiding pin mounted thereon and having a freely projecting lower end portion, and a pick-off device adapted to release in succession washers stacked on said pin while supporting the remainder of the stack, said pick-off device comprising three plates secured together in face-to-face contact, the upper and lower plates being adapted alternately to support a stack of washers mounted on said pin as the plates are actuated through successive movements, and the middle plate being so formed as to permit the free passage of washers from the upper to the lower plate.

1,619,076. CLEANSING AND POLISHING AGENT. RUDOLPH A. KUEVER, Iowa City, Iowa, assignor to Pepsodent Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 12, 1924. Serial No. 755,369. 5 Claims. (Cl. 167—9.)

1. A dentifrice comprising a cleansing and polishing agent consisting of calcium citrate.

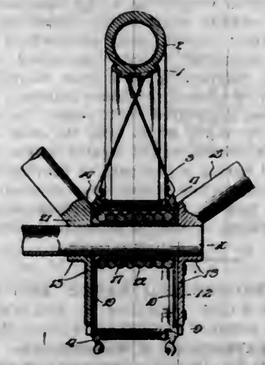
2. A dentifrice comprising calcium citrate and a substance having an acid reaction.

1,619,077. WORK-HANDLING MECHANISM FOR BOLT MACHINES. JAMES A. KINNEY, Lebanon, Pa., assignor to Bethlehem Steel Company, Bethlehem, Pa., a Corporation of Pennsylvania. Filed Dec. 29, 1921. Serial No. 525,646. 19 Claims. (Cl. 10—169.)



7. In a machine of the kind described, in combination, means for gripping a blank and holding the same in fixed position, an inclined chute for delivering blanks, a carrier for receiving blanks from said chute and delivering the same direct to said gripping mechanism, means for moving said carrier back and forth between said chute and gripping mechanism, a fixed cam, and means connected with said carrier and engaging said cam for moving said carrier into an inclined position when adjacent said chute and into a horizontal position when adjacent said gripping mechanism.

1,619,078. SHOCK-ABSORBING WHEEL. ISAAC MACHLIN LADDON, Dayton, Ohio. Filed May 11, 1923. Serial No. 638,249. 1 Claim. (Cl. 301—136.)

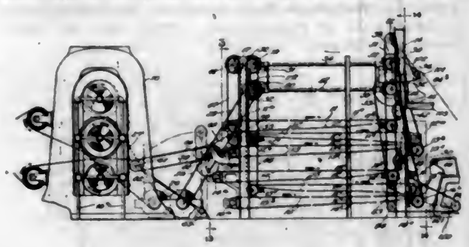


In combination in a resilient wheel, a cylindrical bearing member, spaced circular end plates fixed to opposite sides of said member, a supporting rod, a vertical slide in one of said end plates, a slide member guided in said slide, said rod being mounted in said slide member to move vertically therewith, a sleeve on said rod between said end plates, a semi-circular saddle device having a concave lower surface fitting said sleeve, means for rigidly attaching said saddle device to one of said end plates, and shock absorbing means wound circularly about said saddle device and said sleeve.

1,619,079. METHOD AND APPARATUS FOR PREPARING PLASTIC STOCK. CHARLES W. LEGUILLON, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed July 26, 1923. Serial No. 653,910. 29 Claims. (Cl. 18—50.)

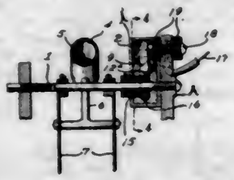
1. The method of preparing hard rubber stock for battery jars or the like which comprises calendering the

warm stock in a long strip, cooling and permitting shrinkage of the strip, and severing the strip transversely



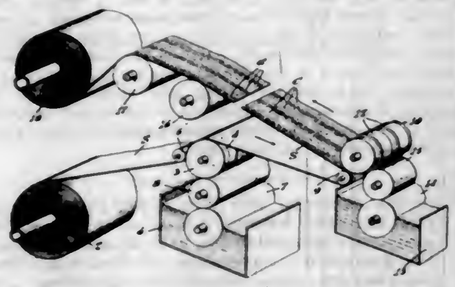
into jar blanks with a beveled cut, all of the said operations being performed without interwinding of the stock with a liner.

1,619,080. POLYPHASE RELAY. JOHN COLIN MCDONALD, New York, N. Y., assignor of one-third to William Norman Westerlund, New York, N. Y., and twenty-six per cent to Edward L. Corbett, New York, N. Y. Filed Mar. 24, 1924. Serial No. 701,349. 1 Claim. (Cl. 200—91.)



A polyphase relay comprising a polyphase actuator, an unrestrainedly rockable shaft member controlled by said polyphase actuator, a circuit closer operated by said shaft member, said polyphase actuator including a pair of bridge members adjacent opposite ends thereof, a tubular member carried by said polyphase actuator, said tubular member being supported with respect to said polyphase actuator by means which close the ends of said tubular member, a rolling weight located within said tubular member and having a free path of gravitation toward either of said supporting means upon reversal of phase sequence with respect to said polyphase actuator for effecting an opening or closing of said circuit closer.

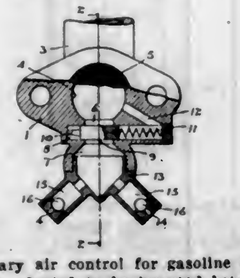
1,619,081. STRIP-GUMMED PAPER AND PROCESS OF MAKING SAME. WILLIAM W. MCLAURIN, Brookfield, Mass., assignor to McLaurin-Jones Co., Brookfield, Mass., a Corporation of Massachusetts. Filed Oct. 8, 1924, Serial No. 742,375. Renewed Dec. 14, 1926. 6 Claims. (Cl. 91—68.)



1. That improvement in processes of strip coating paper which consists in applying coatings of substantially equal thickness of adhesive and non-adhesive material to adjacent portions of the paper.

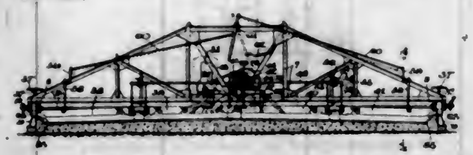
6. An article of the character described comprising a sheet of paper having a strip coating of gum on one face thereof, and a coating of non-adhesive material substantially covering the ungummed surface of said face, both of said coatings being of substantially the same thickness.

1,619,082. AUXILIARY AIR CONTROL FOR GASOLINE ENGINES. WILLIAM G. MARSH, Toronto, Ontario, Canada. Filed Feb. 9, 1925. Serial No. 8,079. 3 Claims. (Cl. 48—180.)



1. An auxiliary air control for gasoline engines, comprising a block adapted to be inserted between the carburetor and intake manifold of an engine and having a transverse passage therethrough extending between the carburetor and intake manifold, a passage extending outwardly from said transverse passage and communicating with the atmosphere, a cylindrical passage in said block intersecting said outwardly extending passage and being closed to atmosphere at each end, a piston in said cylindrical passage, a spring in said cylindrical passage pressing said piston to normally close said outwardly extending passage, and a suction passage connecting one end of said cylindrical passage with said transverse passage to effect the movement of said piston against said spring pressure to open said outwardly extending passage.

1,619,083. FINISHING MACHINE FOR CONCRETE ROADS. GLENWAY MAXON, Jr., Milwaukee, Wis. Filed Apr. 8, 1922. Serial No. 550,840. 9 Claims. (Cl. 94—45.)



2. In a road-finishing machine the combination with a frame, of a strike-off element having a strike-off surface engageable at its lower and forward portions with the paving material, struts connected to said element and universally pivotally connected to said frame at points above the road surface whereby to resolve a part of the lateral pressure exerted upon said element by the paving material upon which it is acting into a downward component upon said element to compact the material passed over by said element ,and means for moving said element transversely of the road.

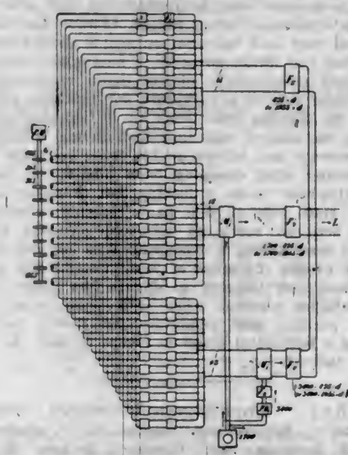
1,619,084. WIRE-CRIMPING TOOL. ALBERT W. MILLER, Nokomis, Ill. Filed June 6, 1924. Serial No. 718,300. 1 Claim. (Cl. 140—106.)

A tool for crimping fence wires comprising crossed limbs pivoted together at their point of crossing, the portions of the limbs at one side of the pivot constituting handles and the portions of the limbs at the opposite side of the pivot constituting mating jaws and terminating in elongated gripping heads, the head of one jaw being V-shaped in cross section to provide diverging side portions, the said side portions having flat edge faces disposed in a common plane and extending parallel to the longitudinal axis of the jaw and at their sides rounded into the inner and outer faces of the diverging portions, the head of the other jaw being rectangular in cross section and having flat faces converging to form a cen-



tral ridge extending parallel to the longitudinal axis of the jaw and adapted to fit between the side portions of the head of the first jaw with the outer side edge faces of the first jaw disposed beyond the outer side edges of the said converging faces of the second jaw whereby a wire disposed transversely between the heads of the jaws may be crimped when pressure is applied to the handles.

1,619,085. CARRIER-CURRENT SIGNALING SYSTEM. HARRY NYQUIST, Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Feb. 29, 1924. Serial No. 696,050. 14 Claims. (Cl. 178—51.)



1. The method of generating and transmitting a plurality of currents of different respective frequencies, which consists in generating the currents of lower frequency in primary generators and delivering them to at least three multiple branch circuits and in certain of the multiple branches from each generator applying them to modulate other currents of different respective frequency values and separating out by filters the modulation product currents of frequency higher than those generated at the outset, and superposing the currents in all said multiple branches in a transmission line.

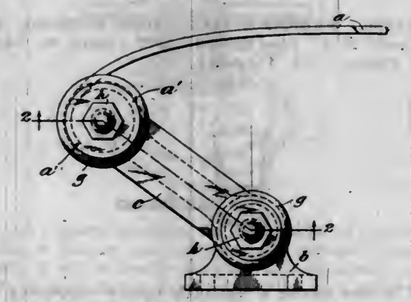
1,619,086. TERMINAL CONNECTER. BENJAMIN F. OLDMIXON, Pittsfield, Mass. Filed Sept. 20, 1920. Serial No. 411,619. 1 Claim. (Cl. 173—269.)



A terminal connection of the character described comprising a tube of conducting material having one end formed with an elongated slot closed at its outer end

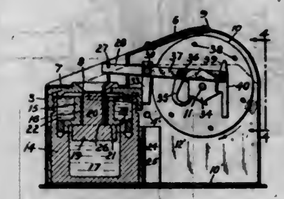
to form a jaw and having a restricted inner end portion, the inner end of said conducting tube being threaded internally, a screw plug adjustably engaged with the internal threads of the conducting tube, an insulated electric conductor having an insulated portion secured in the inner end of the conducting tube and an adjacent bared end portion secured in the conducting tube in electric connection with the latter and the screw plug, a movable jaw slidable endwise in the outer end of the conducting tube and lengthwise of said slot toward and from the first-named jaw and provided with a serrated outer end face cooperating with said first-named jaw for gripping and releasing an electrical terminal between and from said jaws, a compression spring between the inner end of the sliding jaw and screw plug for urging said sliding jaw toward the first-named jaw with a force dependent upon the adjustment of the screw plug, and means on the sliding jaw projecting into the restricted inner end portion of the slot of the conducting tube for holding the second-named jaw against rotation and whereby the sliding jaw may be moved inwardly and thereby released by hand against the action of the spring.

1,619,087. RUBBER SHOCK-INSULATED BUMPER. FRANK PAMPINELLA, Brooklyn, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 5, 1926. Serial No. 146,336. 6 Claims. (Cl. 293—55.)



1. In a bumper for vehicles and the like, a bumper bar, yielding, non-metallic means carried by the bar, yielding, non-metallic means carried by the body upon which the bar is to be mounted, a link, and means to connect the link to the bar and body through the yielding means.

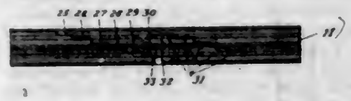
1,619,088. CHANGEABLE EXHIBITOR. GEORGE B. PENNEBAKER, Oakland, Calif., assignor to Fred Starr and William P. Green, both of Oakland, Calif. Filed Apr. 11, 1925, Serial No. 22,476. Renewed Dec. 6, 1926. 5 Claims. (Cl. 40—28.)



1. In combination with an inkstand of the "Sengbusch" type having a reciprocating pen-actuated float, a rotating drum having advertising matter around the

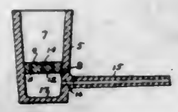
circumference of the same, a housing for the drum, a window in the housing for displaying progressive portions of said advertising matter, means connected to the float in the ink adapted to rotate the drum upon reciprocation of the float in one direction, and gravity-actuated means for arresting movement of the drum to align the advertising matter in display relation with said window.

1,619,089. INDEX. CHARLES T. RASCHICK, St. Paul, Minn. Filed Apr. 13, 1921. Serial No. 461,014. 2 Claims. (Cl. 283—38.)



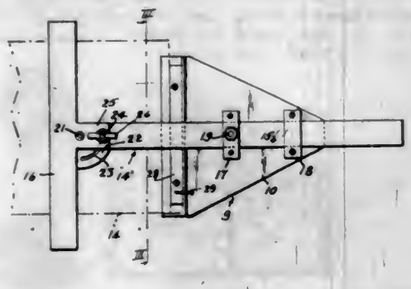
1. In combination with a plurality of sets of consecutively arranged members having different indicia thereon, a marginal slot formed along the edges of each of said sets of members, said slots being of the same width and length and being arranged to successively expose portions of the margins of said members, the length of said slots being equal to the length of several of the exposed marginal portions of said members whereby a continuous groove extends diagonally through said members.

1,619,090. SMOKER'S PIPE. JOHN A. REISER, Port Jervis, N. Y. Filed June 27, 1925. Serial No. 39,074. 2 Claims. (Cl. 131—12.)



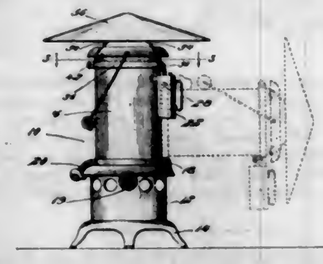
2. A pipe having a removable tobacco supporting barrier arranged in the bowl thereof and a removable plug in the bottom of said bowl and away from and independent of said barrier, the stem connection of said pipe being above said plug and below said barrier.

1,619,091. TOOL FOR MARKING TILES. WILLIAM RIESER, Newark, N. J. Filed Dec. 21, 1925. Serial No. 76,683. 4 Claims. (Cl. 33—174.)



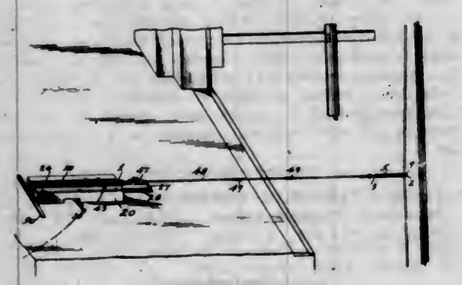
2. A hand tool comprising a supporting plate, guides on said plate, a ledge disposed along one side of said plate to receive an edge of a tile, a T-member comprising a shank movable in said guides in a direction transverse to said ledge, and an abutment at one side of said ledge to prevent lateral movement of a tile when held in a natural position in the hand during a marking operation.

1,619,092. HEATING AND HUMIDIFYING DEVICE. GEORGE E. RYAN, Taunton, Mass. Filed Mar. 2, 1926. Serial No. 91,704. 2 Claims. (26—96.)



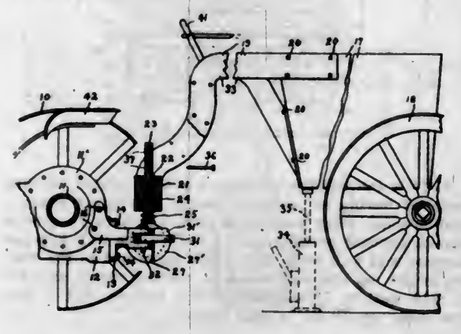
1. A heating and humidifying device, comprising in combination, an upright heating unit of substantially cylindrical configuration, comprising a burner base, adjustable to produce varying amounts of heat and a substantially cylindrical drum hinged thereto and normally engaged with said base, but swingable away therefrom for lighting and filling purposes, a humidifier comprising an enclosed substantially oblong liquid receptacle having its inner side of a curvature substantially equal to that of the heating unit drum to lie substantially adjacent to the side of said unit and having a funnel on the top thereof and an eye on the inner top edge thereof, a circular split clamping band adapted to encircle said heating unit drum, a locking bolt to adjustably attach the split ends of said band together whereby its position may be vertically adjusted on said heating unit, said band having a depending hook adapted to substantially overlie the hinge of said burner drum to said burner base and adapted to engage the pivot eye of said humidifier whereby when said drum is swung to an open position said humidifier may freely swing to remain in a horizontal plane so as not to spill the liquid contents thereof.

1,619,093. ROPE-TENSION-TESTING DEVICE. CHARLES C. SUNDERLAND, Trenton, N. J., assignor to John A. Roebling's Sons Company, Trenton, N. J., a Corporation of New Jersey. Filed Dec. 22, 1922. Serial No. 608,410. 7 Claims. (Cl. 265—63.)



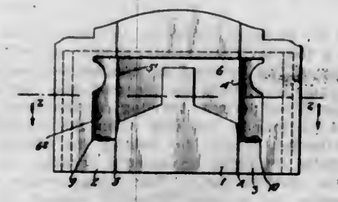
1. A rope tension testing device, comprising means for subjecting a rope to lateral deflection, means for measuring the lateral pressure exerted, and means for indicating the degree of lateral deflection produced by such lateral pressure.

1,619,094. TRACTOR DUMP WAGON. ARTHUR C. THOMAS, Omaha, Nebr., assignor to The Little Red Wagon Mfg. Co., a Firm composed of A. C. Scott, W. R. McFarland, W. H. Jones, A. J. Cooley, and C. Mackey, Omaha, Nebr. Filed Nov. 28, 1925. Serial No. 71,899. 4 Claims. (Cl. 280—33.1.)



1. In combination a tractor, a wagon, a beam on the wagon, a shaft slidably carried by the beam, a universal ball carried by said shaft, resilient means interposed between said ball and beam and positioned to yieldably sustain the load and a universal socket on the tractor for receiving said ball.

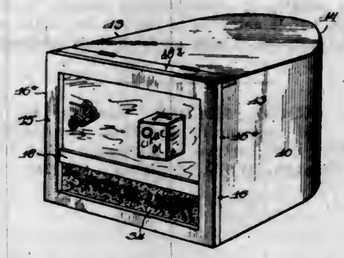
1,619,095. DISPLAY DEVICE. JOSEPH USOSKIN, New York, N. Y. Filed June 29, 1925. Serial No. 40,186. 4 Claims. (Cl. 40—140.)



1. A display device comprising a front member bendable along two fold lines so as to provide a front central portion and two front end portions, a rear member whose length is different from the length of the front member bendable along two fold lines so as to provide a rear central portion and two rear end portions, the two rear end portions being connected to the two front end portions, the fold lines of the front member being laterally spaced from the fold lines of the rear member, said rear end portions being inclined to said rear member when the device is set up, and said front end portions being substantially parallel to said front central portion when the device is set up.

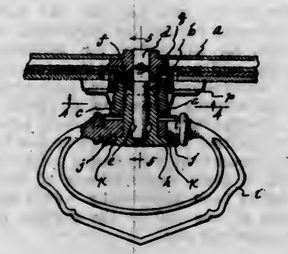
1,619,096. ADVERTISING-PROJECTING DEVICE. HARRIE H. WALSH, Chicago, Ill., assignor to Kay Sign Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 30, 1925. Serial No. 19,304. 6 Claims. (Cl. 88—27.)

1. In a device of the kind described in combination with a casing having a front wall provided with a translucent screen, a cylindrical band within said casing made of heavy paper or cardboard having letters, characters and the like stenciled therein, means providing a central bearing support for said band by means of which it is made rotative about a vertical axis, a horizontal power driven shaft arranged radially with reference to said band in supporting engagement with the bottom edge of said band,



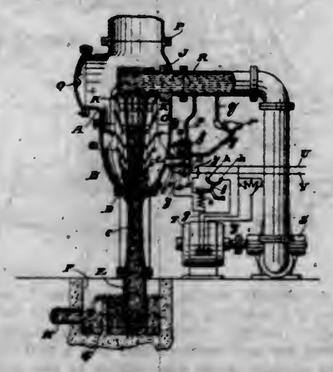
and a lamp located within the space occupied by the band and adapted to direct rays of light through the stencil openings in said band upon said screen.

1,619,097. HANDLE ASSEMBLY. THOMAS P. ARCHER, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Aug. 24, 1925. Serial No. 51,984. 12 Claims. (Cl. 292—348.)



11. In a handle assembly, the combination of a spindle forming a journal and provided with journal bearing recesses, a nut rotatably mounted, on said spindle, and a grip member having journals positioned to rotate in said bearing recesses by said nut.

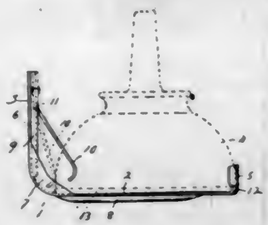
1,619,098. PUMP CONTROLLER. PAUL A. BANCEL, Nutley, and JOHN F. KIRGAN, Phillipsburg, N. J., assignors to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Mar. 27, 1923. Serial No. 627,990. 2 Claims. (Cl. 103—25.)



1. In a pump controller, the combination of a motor driven pump and discharge line, a spring pressed pressure responsive regulator connected on opposite sides to the

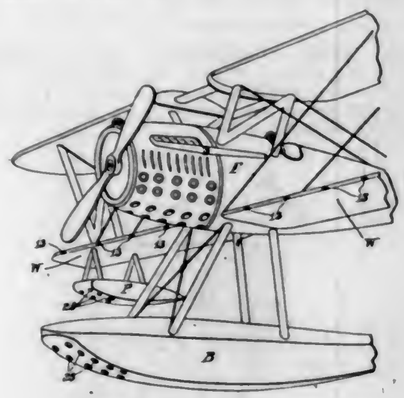
discharge line, a normally closed relief valve in that connection leading to the portion of the regulator containing the spring, and a circuit controller connected to be actuated by the regulator whereby the circuit controller is held in a given position by predetermined pressure in the discharge line, but is actuated to control the motor upon a decrease or increase of said predetermined discharge line pressure.

1,619,099. OIL-CAN HOLDER. CHARLES W. BECK, Toledo, Ohio, assignor to Beck-Frost Corporation, Detroit, Mich., a Corporation of Michigan. Filed June 15, 1925. Serial No. 37,378. 2 Claims. (Cl. 248—2.)



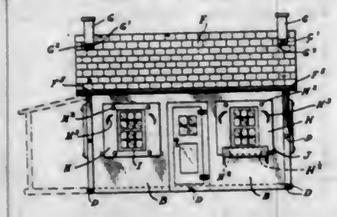
1. A holder for oil cans and the like having a substantially horizontal portion for supporting the can, an upright portion for supporting the horizontal portion, webs connecting said portions and forming therewith an intermediate channel-shaped portion, said upright portion having a longitudinally extending upwardly projecting corrugation provided with a transversely extending slot, said horizontal portion provided with spaced longitudinally extending corrugations cooperating wtih the corrugation aforesaid to resist any tendency of the horizontal portion to sag or bend downwardly, and a spring finger rigidly secured at one end to the upright portion and extending through the slot.

1,619,100. AIRCRAFT. MITTIE TAYLOR BRUSH, Dublin, N. H. Filed Aug. 4, 1922. Serial No. 579,570. 5 Claims. (Cl. 240—1.)



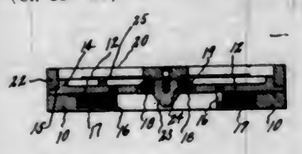
1. In an aircraft having an enclosed part, means for facilitating the handling of the same at night by lighting up the space outside, comprising a transparent surfacing material for said enclosed part and a plurality of incandescent electric lamps controllable by the pilot which are distributed within said enclosed part and are provided with reflectors adapted to reflect the light therefrom outwardly through the surfacing material.

1,619,101. TOY BUILDING. HERBERT CHASE, Forest Hills, N. Y. Filed Mar. 6, 1925. Serial No. 13,431. 3 Claims. (Cl. 46—37.)



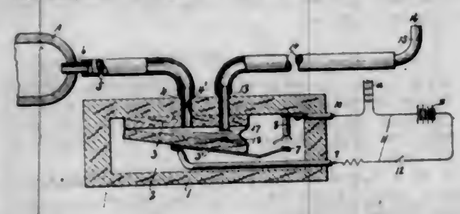
1. In a toy building a flooring a wall formed of sheet material having an opening therein, the edges adjacent said opening being bent back upon the wall to provide smooth exposed portions, and to stiffen the wall adjacent thereto, said wall being detachably connected to the flooring at the top and bottom, and a window casing attached to said wall in detachable relation thereto, and a window pane supported in said casing.

1,619,102. BEAD MOLD. CHARLES H. DESAUTELS, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Mar. 23, 1925. Serial No. 17,487. 1 Claim. (Cl. 18—16.)



A mold for pressing triangular tire bead fillers which comprises a disk having segmental shouldered portions defining parts of two walls of an annular molding cavity, members radially slidable on the disk and having segmental shouldered portions forming continuations of the shouldered portions of the disk when the members are radially extended, springs for holding the members normally radially retracted, an annulus forming the third wall of the molding cavity, and wedge means secured to the annulus and adapted to extend between the members to force them apart, whereby when the annulus and the disk are pressed axially together the members will be radially extended to form with the shouldered portions of the disk a continuous molding surface and when the annulus and the disk are separated the members will be radially retracted to permit the removal of a molded bead filler.

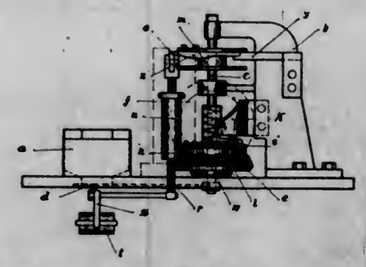
1,619,103. ENGINE-CONTROLLED PNEUMATICALLY-OPERATED CIRCUIT CONTROLLER. LEWIS B. DOMAN, East Syracuse, N. Y. Filed Mar. 4, 1922. Serial No. 541,116. 5 Claims. (Cl. 200—81.)



1. A circuit controller for internal combustion engines, comprising an electric switch, a pneumatically-operated device having a suction passage for communication with

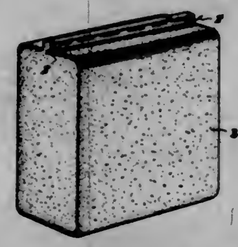
the intake manifold of the engine and another passage for communication with the atmosphere, the atmosphere passage being adapted to be closed at will to cause said device to be operated by suction in the first-named passage to close the switch, and means actuated by said pneumatic device for closing said atmosphere passage.

1,619,104. DOUGH-DIVIDING MACHINE. CARL DORN, Halle-on-the-Saale, Germany. Filed May 29, 1926, Serial No. 112,607, and in Germany May 17, 1924. 4 Claims. (Cl. 107—14.)



1. In a dough dividing machine, the combination with a hopper adapted to extrude a downwardly directed dough rod and with a vertical spindle having a fly-cutter for dividing said rod in sections, of a continuously rotated gear wheel mounted loosely on said spindle, a clutch element on the spindle engaging said gear wheel so as to impart rotation to the spindle when the latter is unrestrained, means for arresting the spindle, means for releasing the spindle by the gravital action of the extruded dough rod, and means for coupling the spindle positively to the gear wheel while the cutter passes across and divides the dough rod.

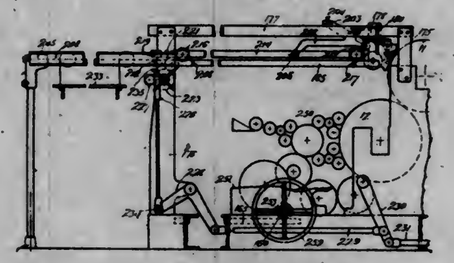
1,619,105. SOAP CONTAINER. ALFRED J. EGGAN, Chicago, Ill. Filed May 5, 1925. Serial No. 28,162. 1 Claim. (Cl. 87—23.)



As a new article of manufacture, jellied soft soap contained in a permanently closed holder coated throughout with paraffin wax to normally maintain said holder impervious, said coating liquefiable on the application of heat thereto, said holder formed of textile fabric of sufficient permeability to act as a feeder for the jellied soft soap when the coating has become liquefied.

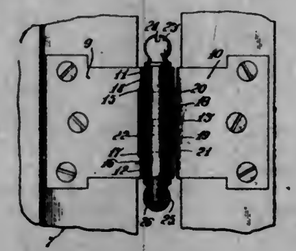
1,619,106. SHEET-DELIVERY MECHANISM FOR PRESSES. FRED S. ENGLISH, New London, Conn. Filed Mar. 5, 1925. Serial No. 13,845. 13 Claims. (Cl. 271—77.)

1. The combination of a press having a movable impression member for holding the sheet as it is printed, and means for delivering the sheets from said impression member, comprising a reciprocating carriage for carrying the sheets, and belts arranged to receive the sheets from said impression member and adapted to



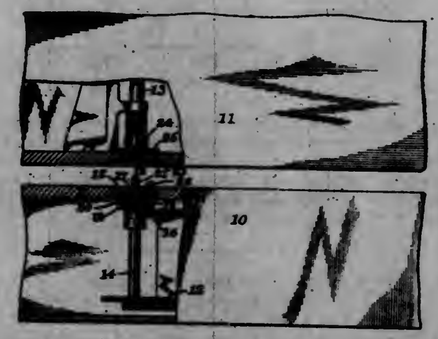
transfer them to said carriage for delivery by the latter, said belts being adjustable to alter the position at which the sheet transfers from said belts to said carriage.

1,619,107. FRICTION HINGE. THOMAS P. ENRIGHT, Sterling, Ill., assignor of one-half to John H. Lawrence and one-half to Edwin F. Lawrence, Sterling, Ill. Filed July 1, 1925. Serial No. 40,753. 8 Claims. (Cl. 16—140.)



1. The combination with a leaf hinge, of bushings fitted in knuckles of the respective leaves and having annular flanges in frictional engagement with each other, said bushings being arranged to rotate with their respective leaves and one of said bushings being movable toward the other independently of the knuckle in which it is fitted, and means adjustable to vary the frictional engagement of said bushings with each other.

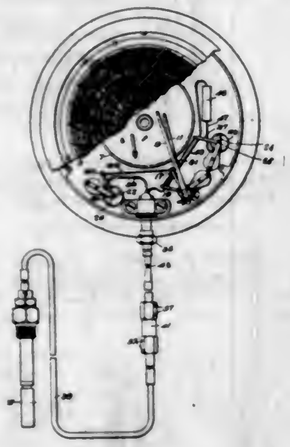
1,619,108. CAMERA. SHERMAN M. FAIRCHILD, New York, N. Y. Filed Mar. 1, 1923. Serial No. 622,033. 8 Claims. (Cl. 95—19.)



1. In combination, a camera body, a detachable magazine therefor, and separable driving and driven mechanisms for the camera body and magazine, adapted to be

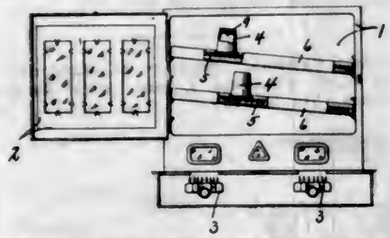
automatically engaged with each other in proper cyclic relation by operation of the driving mechanism when the magazine is replaced on the camera body.

1,619,109. THERMOMETER. WALTER H. FITTS, Foxboro, Mass., assignor to The Foxboro Company, Foxboro, Mass., a Corporation of Massachusetts. Filed July 7, 1920. Serial No. 394,506. 9 Claims. (Cl. 73—118.)



1. A thermometer operating by vapor tension comprising a pressure sensitive device, a remote liquid containing bulb and a connection therebetween including an expansion chamber of capacity to accommodate the increased volume of the liquid as such under changes of temperature to which the bulb is subject.

1,619,110. APPARATUS FOR CLEANING CANDLE RECEPTACLES. MARTIN A. FLANNERY, New York, N. Y., assignor to Will & Baumer Candle Company Inc., Syracuse, N. Y., a Corporation of New York. Filed Apr. 13, 1922. Serial No. 552,201. 1 Claim. (Cl. 87—3.)

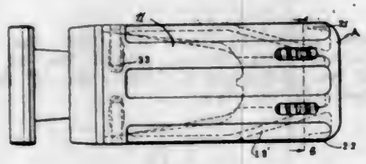


An apparatus for cleaning candle receptacles comprising an oven, means for heating the oven, a pan slidably positioned in said oven, and a wire screen member arranged in the pan and having its edges flanged downwardly and resting upon the pan bottom to space the body of the wire screen from the pan.

1,619,111. DEGUMMING PROCESS. LYLE N. GILLIS, Rosecrest, Va. Filed June 18, 1925. Serial No. 37,996. 12 Claims. (Cl. 92—15.)

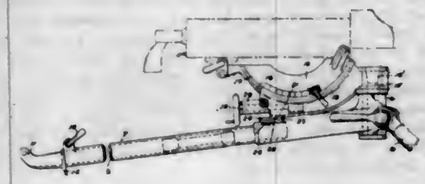
1. That process of degumming flax straw and the like which includes subjecting straw to an alkaline degumming bath containing a hardening agent, washing the straw, and subjecting the straw to a neutralizing bath.

1,619,112. FRICTION DRAFT GEAR. ERNEST G. GOODWIN, Brooklyn, N. Y., assignor to Standard Coupler Co., New York, N. Y., a Corporation of New Jersey. Filed Jan. 5, 1922. Serial No. 527,066. 6 Claims. (Cl. 213—26.)



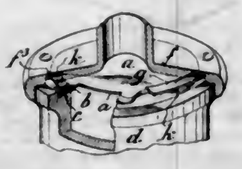
1. In a friction draft gear, in combination, a spring support, a friction box, and a key for securing said box to said support, said key terminating intermediate the walls of the support and being provided with an inner retaining bead.

1,619,113. MOUNT FOR MACHINE GUNS. WALTER T. GORTON, of the United States Army, Springfield, Mass. Filed Aug. 20, 1925. Serial No. 51,461. 14 Claims. (Cl. 89—40.) (Granted under the act of Mar. 3, 1883; 22 Stat. L., 625.)



8. A combination machine gun mount embodying a tripod having a hollow head, a member mounted on said head for movement in azimuth and adapted to provide a low mounting for a gun and an adaptor vertically receivable in the hollow head and providing a high mounting for the gun.

1,619,114. TELEPHONIC RECEIVER. EDWARD ALFRED GRAHAM, Brockley, London, England; Maria Graham and Alfred Graham executors of said Edward Alfred Graham, deceased. Filed July 21, 1925. Serial No. 45,113, and in Great Britain Aug. 6, 1924. 6 Claims. (Cl. 179—115.)



1. A telephonic receiver comprising, in combination, a casing having at one end portion thereof an inner seat and an outer abutment, an electro-magnet diaphragm influencing system arranged within said casing, a diaphragm extending over said diaphragm influencing system and seat, soft sound damping material arranged between said seat and the peripheral portion of said diaphragm, and a bearing ring of undulating or wavy shape, formed of springy material arranged between said peripheral portion

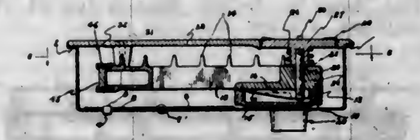
of said diaphragm and said outer abutment and adapted to hold the peripheral portion of said diaphragm against said damping material and seat.

1,619,115. MUFFLER. EMMET P. GRAY, Detroit, Mich. Filed Oct. 20, 1921. Serial No. 509,218. 3 Claims. (Cl. 137—160.)



1. In a muffler, the combination of a cylindrical shell having inlet and outlet openings in its ends for exhaust gases, a tube within the shell comprising a plurality of independent sections having closed ends, each section being formed with two groups of holes to permit the passage of exhaust gases, and shields mounted in the shell to prevent the passage of gases longitudinally of the shell, one shield being mounted between the two groups of holes of each tube section, the tube and shell being formed with radial flanges and the tube contacting with the shell at the flanges thereon and the flanges of the tube extending between the flanges of the shell.

1,619,116. AUTOMOBILE HEATER. EMMET P. GRAY, Detroit, Mich. Original application filed Feb. 17, 1923, Serial No. 619,745. Divided and this application filed Oct. 29, 1923. Serial No. 671,315. 3 Claims. (Cl. 257—136.)



1. A heater for utilizing the exhaust gases of an internal combustion engine, comprising a hollow casing, a floor plate secured to the top of the casing and having a multiplicity of apertures therethrough open to the casing, a hollow U-shaped conduit for exhaust gases having the legs thereof arranged in a horizontal plane, a partition in each leg forming longitudinal chambers in the interior, said conduit having an inlet port at the end of one of the legs, an exhaust port at the end of the other leg, the bottom of the casing being provided with a pair of apertures each substantially in registration with a port, a hollow member covering the inlet port and providing a chamber formed with a hollow extension for connection of a conduit, a valve mounted in the said chamber movable in a horizontal plane to cover or uncover the said inlet port, a valve operating plate rotatably mounted in an aperture therefor provided in the floor plate, and a vertical rod connecting the plate with the said valve.

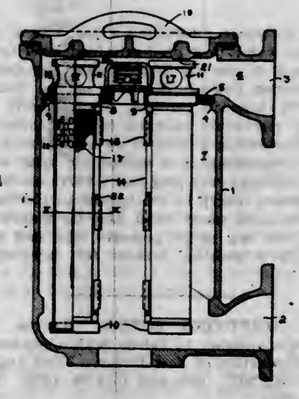
1,619,117. VALVE CONTROL. EMMET P. GRAY, Detroit, Mich. Filed Sept. 25, 1925. Serial No. 58,480. 4 Claims. (Cl. 74—39.)

1. A valve control comprising a member adapted to be secured in stationary position, a rod extending through the said member, a knob on the end of the said rod, a tubular member secured to the first named member, the said tubular member being provided with a longitudinal slot having notches opening therefrom, a control wire secured to the end of the rod opposite the knob and adapted to be attached to a valve, the said control wire being placed under a twisting strain when attached to



the valve, and a pin on the end of the said rod adapted to engage in the notches of the tubular member due to the twisting strain on the control wire.

1,619,118. FILTER. HENRY LEWIS GUY and THOMAS BLACKLOCK, Manchester, England, assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 10, 1920, Serial No. 372,922, and in Great Britain Apr. 15, 1919. 4 Claims. (Cl. 210—184.)



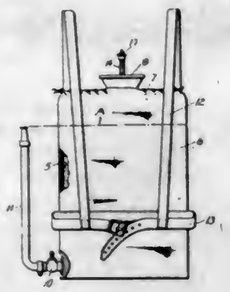
1. A filter comprising a filter chamber, a diaphragm removably supported within the chamber and dividing the chamber into inlet and outlet compartments, a filter element mounted in the diaphragm through which fluid normally passes from the inlet compartment to the outlet compartment, and a relief valve carried by the diaphragm and adapted to pass fluid therethrough in parallel with said filter element upon clogging of the latter.

1,619,119. MANUFACTURE OF INNER TUBES. HORACE HILLYARD HASTINGS, Quebec, Quebec, Canada. Filed Jan. 24, 1925. Serial No. 4,460. 1 Claim. (Cl. 154—14.)



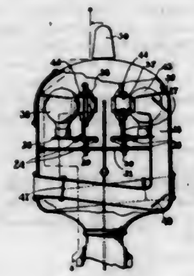
The herein described process in making inflatable tubes consisting in covering the overlapped transverse edges of the vulcanized inner joint with an annularly extending strip of rubber and cementing the latter to the tube, then introducing the tube into a circumscribed area and inflating and finally applying a hot metal surface enclosed within said area to the said strip throughout its complete length at one and the same time and thereby merging said strip with the wall of the tube at the joint portion.

1,619,120. FIRE EXTINGUISHER. WILLIAM H. HEATON, Oakland, Calif. Filed Aug. 18, 1924. Serial No. 732,711. 1 Claim. (Cl. 299—95.)



A fire extinguisher comprising a bag, means for filling the bag with water to a predetermined level including a funnel secured to the top wall of said bag and opening into the interior thereof, the neck of the funnel being provided with interior threads, an externally threaded closure plug removably engaged in said threaded neck, means for introducing a head of air above the water level in said bag consisting of a valved air stem secured in and passing through said plug and a valve controlled hose of predetermined length in the bottom of the bag for determining the said water level and for discharging the water from the bag under pressure, the said bag being provided with a packing harness for carrying the extinguisher.

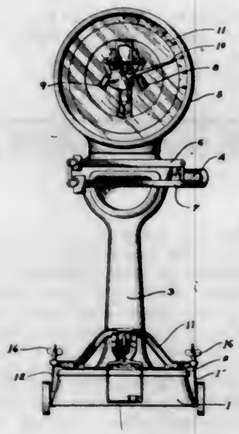
1,619,121. COMPUTING SCALE. HALVOR O. HEM, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Aug. 9, 1920, Serial No. 402,303. Renewed July 26, 1926. 18 Claims. (Cl. 265—37.)



1. In a weighing scale, in combination, a chart having rows of graduations thereon, a projector adapted to project a real image of a portion of said chart, said chart and projector being relatively movable, manually operable means for moving one of said elements in one direction, and weighing mechanism connected to the other of said elements to move it in another direction.

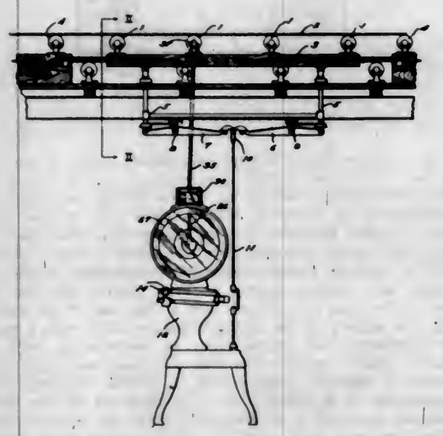
1,619,122. TESTING DEVICE. HALVOR O. HEM, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Sept. 11, 1922. Serial No. 587,268. 11 Claims. (Cl. 265—1.)

1. In a scale testing device, in combination, a beam lever, a supporting frame therefor adapted to rest upon the platform of the scale to be tested, a pan carried by said beam lever adapted to receive a plurality of test weights, means for anchoring the beam lever to the scale



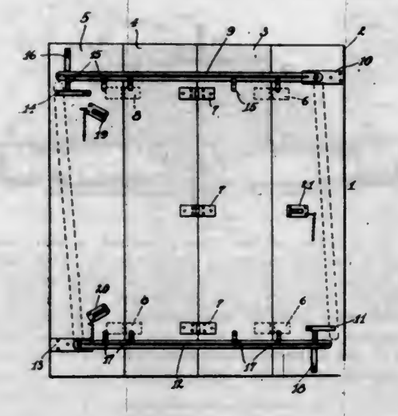
to be tested and means whereby said anchoring means may be adjusted to keep said beam lever horizontal as the platform moves under load.

1,619,123. INTEGRATING SCALE. HALVOR O. HEM, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed May 31, 1924, Serial No. 716,988. Renewed July 26, 1926. 10 Claims. (Cl. 265—28.)



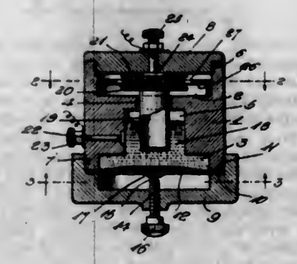
1. In a device of the class described, in combination, weighing mechanism, a commodity support operatively connected thereto, means for moving commodities over said commodity support, a disk, means for rotating said disk at a speed proportional to the speed of commodities over said support, a roller having a plane perpendicular to the face of said disk, means supporting said roller with its periphery in engagement with the face of said disk, the supporting means being arranged to permit lateral movement of said roller over the face of said disk, and means connected with said weighing mechanism for turning said roller about an axis perpendicular to the face of said disk.

1,619,124. FOLDING TABLE. JOHN HOSZOWSKI, Oakland, Calif. Filed Nov. 25, 1922. Serial No. 603,207. 1 Claim. (Cl. 45—116.)



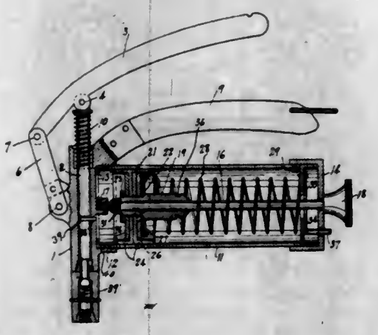
In combination a table plate comprising a plurality of leaves hinged alternately on opposite sides so as to be adapted for folding to the width of a single leaf, legs supporting the outer leaves and engaging the same at an angle so that the legs intersect substantially at the center of the table midway of the height thereof, means for tying the legs at the intersection and bars pivoted to the outer leaves at diametrically opposed corners, each being adapted to be swung outward from a parallel position and around the corner into a transverse position for supporting all the leaves, the leaves having alined clips adapted to receive the bars and springs being positioned in the path of the bars so as to be passed and depressed by the latter and to rebound after the bars have passed for locking the same in place.

1,619,125. PIEZO-ELECTRIC-CRYSTAL APPARATUS. CLINTON W. HOUGH, Boonville, N. Y., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Mar. 20, 1926. Serial No. 96,206. 8 Claims. (Cl. 171—327.)



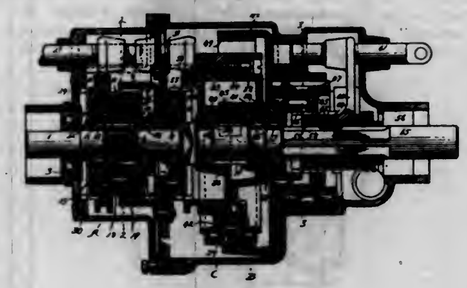
1. A piezo electric crystal holder comprising in combination a body structure, a piezo electric crystal element housed within said body structure, means for establishing contact with opposite faces of said piezo electric crystal element, and hydrostatic means for selectively varying the effective pressure between said piezo electric crystal element and said first mentioned means.

1,619,126. LUBRICATING DEVICE. WALTER F. HUNDEMER, Alameda, Calif., assignor to Gat Gun Lubricating Corporation, Oakland, Calif., a Corporation of California. Filed Feb. 8, 1926. Serial No. 86,792. 5 Claims. (Cl. 221—47.3.)



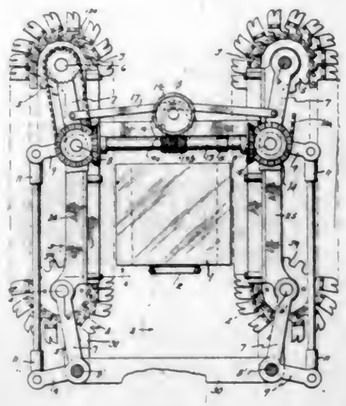
2. A cylindrical grease container closed at one end having means for withdrawing grease therefrom associated with the other end, an axial rod slidable in the container having a piston slidable relative thereto, spring means urging the piston forward, means associated with the piston and operable by the rod allowing the piston to be retracted to the rear end of the container and means for locking the said means in the retracted position allowing the rod to be plunged forward.

1,619,127. TRANSMISSION. SCHUYLER A. JEFFRIES, Lansing, Mich., assignor to Reo Motor Car Company, Lansing, Mich., a Corporation of Michigan. Filed Dec. 22, 1924. Serial No. 757,518. 9 Claims. (Cl. 74—34.)



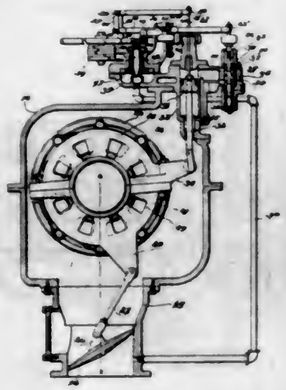
1. In a transmission, the combination of a pair of concentric gears, a driving shaft for one of said gears, an eccentric, an eccentric gear journaled on said eccentric having internal gear teeth meshing with one of said concentric gears and having external gear teeth meshing with the other, a driven shaft, and means for fixing one of said concentric gears against rotation and connecting said eccentric to said driven shaft whereby the latter is driven reversely to the first-mentioned gear.

1,619,128. ICE-SCORING MACHINE. CONRAD JOBST, Toledo, Ohio, assignor, by mesne assignments, to The Uline Ice-Scoring Machine Company, Wilmington, Del., a Corporation of Delaware. Filed Dec. 17, 1923. Serial No. 681,259. 9 Claims. (Cl. 125—21.)



1. An ice scoring machine comprising endless scoring elements arranged to engage opposite sides of an ice block and means for simultaneously moving said scoring elements parallel with the sides of the block and means for feeding the scoring elements toward each other into the block.

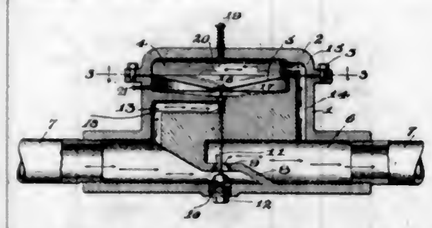
1,619,129. BLEEDER TURBINE. JOSIAH F. JOHNSON, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 8, 1923. Serial No. 644,255. 29 Claims. (Cl. 60—67.)



1. In a bleeder turbine, the combination of a bleeder line valve, a governor, and means operated by the governor for closing the bleeder line valve upon predetermined overspeeds and underspeeds of the turbine.

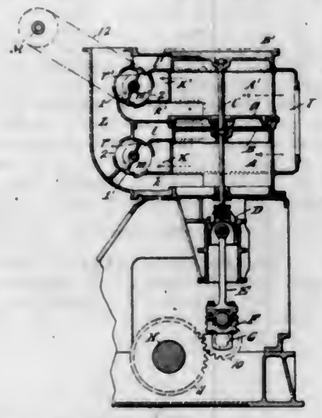
29. In a bleeder turbine, the combination of an interstage valve, a bleeder line, a bleeder line valve, means for controlling one of said valves, and variable motion means separate from said control means for connecting the valves so that the interstage valve is opened and closed while the bleeder line valve is substantially fully open.

1,619,130. SAFETY STOP VALVE. LESLIE W. JONES, Charleston, W. Va., assignor of one-third to A. Homer Young and one-third to C. Laco Bright, both of Charleston, W. Va. Filed Apr. 26, 1926. Serial No. 104,717. 2 Claims. (Cl. 67—115.)



1. In a device of the class described, a valve casing having a conduit therein, a diaphragm mounted therein, a valve positioned in said conduit, a spring pressed rod connecting said valve and diaphragm, said casing also provided with passages communicating with said conduit at opposite sides of said valve and extending to opposite sides of said diaphragm, and means exterior of said casing for moving said valve to open position.

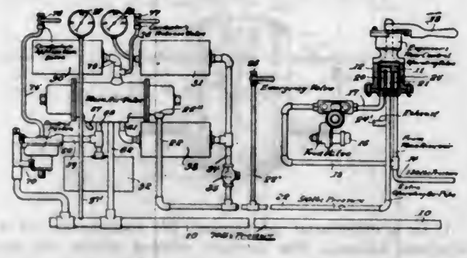
1,619,131. SCAVENGING AIR PUMP OR COMPRESSOR. OLAV ESKIL JORGENSEN, Forest Hills, N. Y., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Dec. 3, 1924. Serial No. 753,592. 3 Claims. (Cl. 230—32.)



1. A double-acting air pump or compressor having a common discharge chamber at one side of the cylinder, combined inlet and discharge passages at each end of the cylinder adjacent the discharge chamber, a common suction chamber for both ends of the cylinder extending about the cylinder from the suction connection, a common valve chamber between the inlet chamber and discharge chamber and connecting directly with said chambers and with the inlet and discharge passages, and a rotary valve having segments that alternately connect the respective ends of the cylinder with the inlet and discharge chambers for inlet and discharge at the opposite ends of the cylinder.

1,619,132. REAR AIR-BRAKE CONTROL. JOHN JULIANO, Niagara Falls, N. Y., assignor of one-fourth to Joseph F. Braden, Niagara Falls, N. Y. Filed May 8, 1926. Serial No. 107,750. 13 Claims. (Cl. 303—47.)

1. In air brake control mechanism, an engineer's operating valve, a brake pipe adapted to extend the length of a train, a control apparatus at the rear of the train and connected with the brake pipe, a pipe connected with the operating valve and with the control apparatus at the rear, permitting the engineer to reduce pressure in the rear control apparatus and brake pipe, initially at the



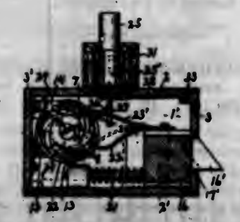
rear of the train, and thence forwardly toward the engine, and means permitting pressure reduction in the rear control apparatus and brake pipe independently of the engineer's operating valve.

1,619,133. BLADE FASTENING. ALEXANDER T. KASLEY, Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 7, 1922. Serial No. 527,674. 9 Claims. (Cl. 253—77.)



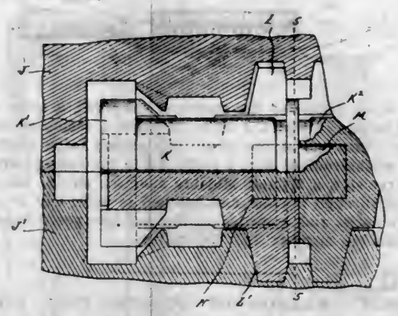
1. In a turbine, the combination of a rotor having dovetail slots, a plurality of blades having dovetail root portions fitting in the slots, and an expansible key arranged between the bottoms of the slots and the bottom portions of the blades for holding the latter tightly in the slots.

1,619,134. DOOR-CONTROLLED ELECTRIC-LIGHTING SWITCH. JOSEPH M. KERN, Oswego, N. Y. Filed Nov. 2, 1923. Serial No. 672,289. 2 Claims. (Cl. 200—54.)



1. In a door-controlled electric lighting switch, a rotary conducting member having contact segments in uniformly spaced relation, a ratchet wheel having a number of teeth corresponding to the number of the segments and operatively connected to the conducting member to rotate therewith, a self-retracting plunger actuated in one direction by the closing of the door and in the opposite direction when the door is opened, pawls carried by the plunger for engaging the ratchet teeth and rotating the conducting member one-half tooth space at a time, each forward and return movement of the plunger and the contact brush for the segments, said brush and contact member being electrically connected in the lighting circuit, and additional means operable at will for rotating said contact member step by step independently of the movements of the plunger.

1,619,135. MOLD FOR CASTING PISTONS. CHARLES H. KIRBY, Detroit, Mich. Original application filed May 21, 1923, Serial No. 640,565. Divided and this application filed Jan. 18, 1926. Serial No. 82,144. 6 Claims. (Cl. 22—151.)

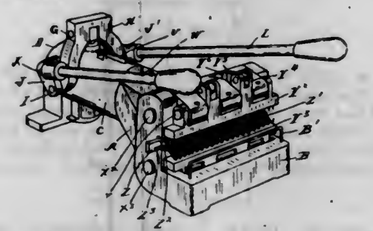


1. In a mold for casting a piston blank, the combination with an outer mold having a cavity therein corresponding to the outer contour of two oppositely disposed axially aligned pistons and a core supported in said outer mold at a point intermediate its ends, said core projecting from said support in opposite directions and having its surfaces corresponding to the inner contour of a reinforced hollow piston.

1,619,136. BOTTLE CLOSURE. WILLIAM H. KNOWLES, Port Chester, N. Y. Filed May 8, 1924. Serial No. 711,775. 13 Claims. (Cl. 215—95.)

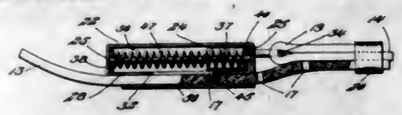
1. A closure including in combination a body of flexible material, and means for securing said closure to a receptacle, said means having one end permanently attached to said body its opposite end being movable relatively thereto.

1,619,137. BELT-HOOK-CLOSING MACHINE. FRANK W. KNOTT, Detroit, Mich., assignor to Detroit Belt Lacer Co., Detroit, Mich., a Corporation of Michigan. Filed Nov. 6, 1924. Serial No. 748,218. 7 Claims. (Cl. 1—494.)



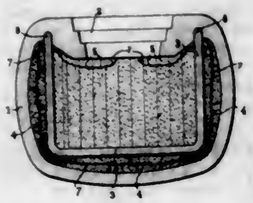
1. A closing tool comprising a frame, a cylinder at one end thereof, a bed of greater width at the opposite end, a holder for the work to be closed extending transversely over said bed, closing jaws oppositely movable on said frame and upon opposite sides of said holder, a piston in said cylinder, means intermediate said piston and said movable jaws for transmitting pressure to the latter, a plunger for pumping fluid into said cylinder, rock arms on opposite sides of said cylinder, a yoke connecting said rock arms to said plunger, and a pair of handles connected to said rock arms extending divergently therefrom on opposite sides of said bed.

1,619,138. STRAP FOR PERSONAL WEAR. GEORGE KOLLSTEDE, Providence, R. I. Filed May 22, 1926. Serial No. 110,950. 2 Claims. (Cl. 24—180.)



1. In an article of the character set forth, a strap provided at one end with a series of holes, a casing attached to the other end of the strap, said casing being provided with a longitudinal slot, a guide rod in the casing parallel with the slot, a member slidably mounted on the rod projecting through the slot and adapted to enter one or more of the holes, and a spring on the rod interposed between the slidable member and the casing.

1,619,139. METHOD OF CONSTRUCTING SAFES. SAMUEL FORRY LAUCKS and WILLIAM E. WILKINSON, York, Pa., assignors to said Laucks. Filed Aug. 8, 1922. Serial No. 580,404. 6 Claims. (Cl. 22—204.)



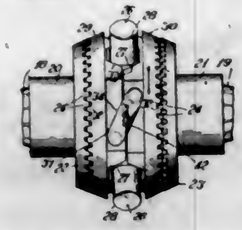
3. A method of forming a safe structure, which includes utilizing a receptacle body of tool-resistant metal having an opening and a recess in its inner face adjacent such opening, applying cores of heat-insulating, non-metallic material to the inner faces of said body, said cores being extended to a point adjacent said recess, heating the cores and body and thereupon casting a lining of heat-dissipating metal to the inner faces of said cores and causing the said lining to extend into said recess.

1,619,140. SAFETY POCKET. MILTON R. LAYMAN, Johnstown, Pa. Filed June 28, 1926. Serial No. 119,131. 3 Claims. (Cl. 2—261.)



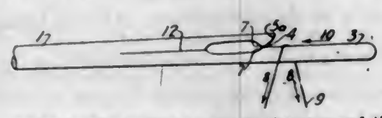
1. A safety pocket comprising a plate, a clamping device hinged to the lower part of said plate, means to normally hold said clamping device against said plate, a pocket, means to attach one edge of said pocket to said plate, means to attach the other edge of said pocket to said clamping device, and means to securely hold said safety pocket within a wearing apparel pocket, said last named means being hingedly connected to the upper edge of said plate.

1,619,141. DIFFERENTIAL MECHANISM. FRANK M. LEWIS, Chicago, Ill. Filed May 11, 1925. Serial No. 29,275. 10 Claims. (Cl. 74—7.)



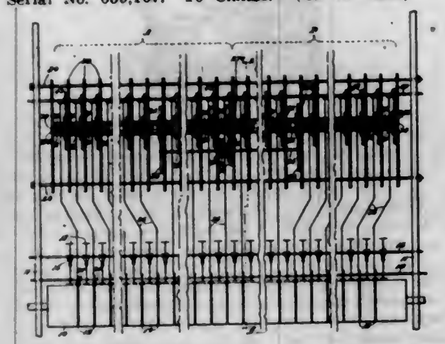
1. In a differential mechanism, the combination of a rotatable housing, axle sections entered within the opposite ends of said housing, driven clutch members fast on said axle sections, shiftable clutch members between said driven member, a driver connected to said housing and having portions thereof drivingly engaged with said shiftable members, means urging said shiftable members outwardly into clutch engagement with said driven members, angularly movable means connecting said shiftable members operating to effect disengagement of either of said shiftable members from its co-operating driven clutch member when one shiftable member overruns the other in one direction, and other angularly movable means connecting said shiftable members operating to effect disengagement of either of said shiftable members from its co-operating driven clutch member when one shiftable member overruns the other in the opposite direction.

1,619,142. SEWING NEEDLE. HERMAN ISADORE LIPPARD, Darby, Pa. Filed Apr. 7, 1926. Serial No. 100,338. 3 Claims. (Cl. 223—37.)



3. A sewing needle having an eye at the rear end thereof, a slit at the rear end of said eye, a slit at the front end of said eye extending towards the point or front end of said needle, a beveled surface at the rear end of said eye, the said bevel sloping towards the slit at the rear end, and arms formed by the said slit.

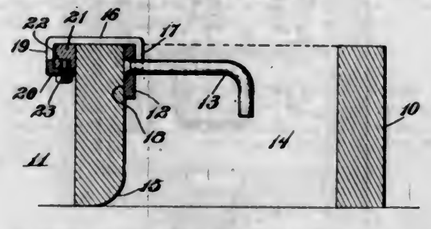
1,619,143. LEATHER-MEASURING MACHINE. ROBERT J. MCFALL, Amherst, Mass. Filed Aug. 24, 1923. Serial No. 659,107. 10 Claims. (Cl. 33—124.)



1. In a leather measuring machine, in combination, means for measuring strips of the material to be measured, means comprising a series of gears for directly

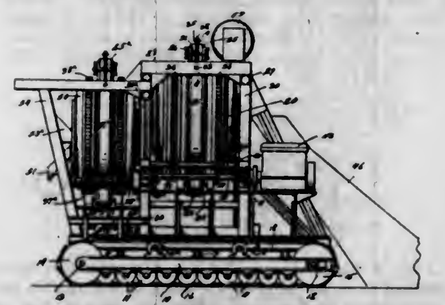
cumulating the lengths of said strips, means for actuating said cumulating means, and means mechanically connected with said measuring means and controlled thereby for connecting said cumulating means with said actuating means and disconnecting the same therefrom.

1,619,144. QUICK-ACTION CLAMP. EDWARD H. MCMILLAN, Oakland, Calif. Filed Dec. 31, 1925. Serial No. 78,637. 4 Claims. (Cl. 144—304.)



1. A clamp for the purpose described including a body having an inner, downwardly extending leg and an outer downwardly extending leg, a wedge disposed inward of the outer leg and having an outer inclined face, the outer leg being complementarily inclined to said face, the wedge having a longitudinally extending recess, and a pin carried by the clamp and extending into said recess, the recess being less in length than the wedge whereby to detachably hold the wedge against accidental displacement but permit of the longitudinal movement of the wedge.

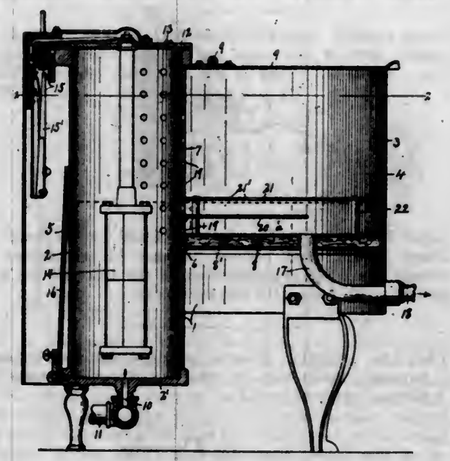
1,619,145. COMBINATION TANDEM CONCRETE-MIXING MACHINE. EDWARD H. MCMILLAN, Oakland, Calif. Filed July 13, 1926. Serial No. 122,257. 6 Claims. (Cl. 83—73.)



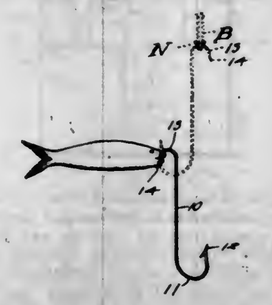
1. A separate and independent mixing machine comprising two mixing drums mounted in tandem and each having a centrally disposed receiving opening and a centrally disposed discharge opening in its opposite ends, a gate having the form of a chute pivotally supported in connection with the discharge opening of the first drum and adapted to be shifted into a downwardly inclined position to receive material from the first drum and discharge it into the second, and a gate pivotally mounted in connection with the discharge opening of the second drum and shiftable from an inoperative position to a downwardly and outwardly inclined position, each of said gates having portions extending into its corresponding drum, each drum having separate driving means.

1,619,146. COMBINED WATER HEATER AND STERILIZING APPARATUS. ALPHONSE MARTIN, Ogdensburg, N. Y., assignor of fifty-one one-hundredths to Max Katzman, Ogdensburg, N. Y. Filed Dec. 8, 1924. Serial No. 754,618. 3 Claims. (Cl. 167—3.)

1. A combined water heater and sterilising apparatus comprising an upright cylindrical water heating chamber having a water inlet at its lower end and its upper end closed, a heater supported from the closed upper end of the heating chamber above the water inlet, and a sterilising chamber embracing a portion of one side of the heating chamber above the lower end of the heater, the portion of the heating chamber embraced by the sterilizing chamber being perforated to permit the passage of steam from the heating chamber to the sterilizing chamber.



1,619,147. FISHING HOOK. LOUIS C. MATHEY, Nashville, Tenn. Filed Nov. 2, 1926. Serial No. 145,821. 4 Claims. (Cl. 43—40.)

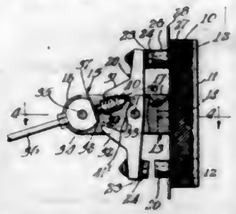


1. A live bait fishing hook the shank of which is provided at its line engaging end with a small open hook facing in the opposite direction from the fish hook and with which the line is adapted to be engaged, said small hook having the bill thereof sharp and free from barbs whereby the line may be slipped therefrom to release the hook.

1,619,148. SWITCH. JOHN T. MILLER and MICHAEL HANLEY, Chicago, Ill. Filed Mar. 6, 1926. Serial No. 92,754. 2 Claims. (Cl. 200—68.)

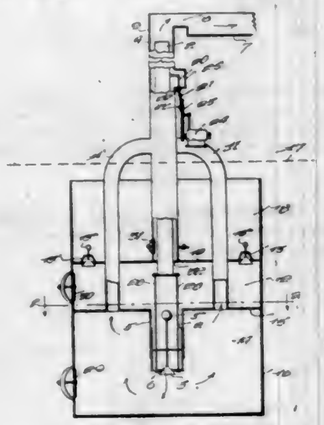
1. In combination, in an electrical switch, a base, a support connected to the base, a switch blade pivoted intermediate its ends to the said support, contact mechanism carried by the base and cooperable with the ends of the switch blade, said blade at all times having one end in engaged position and its other end in a disengaged position with respect to the contact mechanism, a member pivotally connected to the said support, said blade being positioned intermediate the member and the base and having an apertured portion intermediate its ends, a

stud connected to the pivoted member, resilient means surrounding the said stud, and a plunger surrounding the said resilient means and extending into the said apertured portion of the blade, said plunger being at all times



urged into engagement with the blade by the said resilient means, said pivoted member being adapted to change the point of application of the force of the said plunger with respect to the said blade.

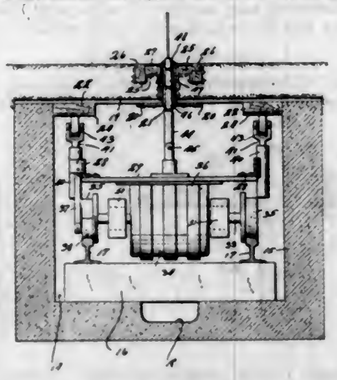
1,619,149. PUMP. JOSEPH MILLS, Coalhurst, Alberta, Canada. Filed Sept. 22, 1924. Serial No. 739,094. 3 Claims. (Cl. 103—178.)



1. A pump comprising in combination a main tank open at the top and adapted to be immersed, a partitioning wall in said tank spaced from the open top and provided with suction operable valves, controlled openings communicating with the open top, a second partitioning wall spaced from the first mentioned partitioning wall and forming a middle compartment and a lower compartment, a conduit protruding beyond the tank and extending into the tank to the first partitioning wall, branches for the conduit of lesser diameter and communicating with the lower compartment, a passageway between the middle compartment and the lower compartment, a piston in said passageway provided with a stem extending through said conduit, a valve in the piston head adapted to open and close the passageway.

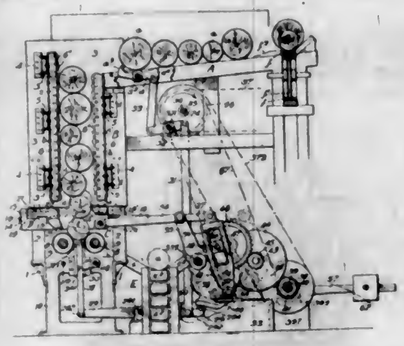
1,619,150. DOG RACE TRACK. SIDNEY W. MITCHELL, JACK NAUD, and CLARENCE F. GOLDMAN, St. Petersburg, Fla. Filed Mar. 16, 1926. Serial No. 95,064. 6 Claims. (Cl. 272—4.)

1. A race course having an underground channel and a surface slot communicating with the channel, the slot being defined by two longitudinally extending angle irons, flexible yielding strips disposed on each side of the slot at the surface of the track and normally closing said slot, and a carriage operating within the channel and having a lure support extending up through the slot, the support being mounted for lateral movement upon the carriage and having a plurality of anti-friction rollers disposed one above the other, the uppermost roller bearing against



the rubber strips to open them as the carriage passes and the lower rollers bearing against the angle irons forming the side walls of the slot.

1,619,151. LOG-BARKING APPARATUS. JOHN MORAVEC, Vancouver, British Columbia, Canada. Filed Aug. 2, 1924. Serial No. 729,781. 39 Claims. (Cl. 144—208.)



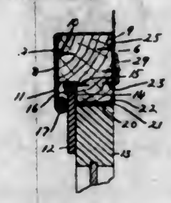
1. In a log-barking apparatus, a log-abrading device arranged to support and abrade a log, in combination with a log-ejecting device, and means for moving the log-ejecting device across the log-abrading device.

1,619,152. FISHPOLE HOLDER. EMIL V. NUNLIST, Indianapolis, Ind. Filed Mar. 6, 1922. Serial No. 541,420. 1 Claim. (Cl. 248—37.)



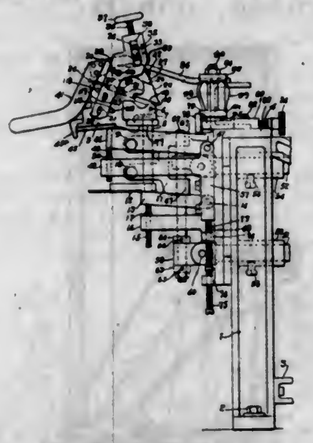
A fish pole holder comprising a stem having its lower extremity provided with an enlarged cylindrical socket adapted to fit over a support, said enlarged cylindrical socket having an enlargement at one side, a set screw threaded through said enlargement for clamping the socket on a support said stem having its upper end flattened and forming an enlarged head, said head being provided with serrations on each side, an arm having one end terminating in a fork, a second independent arm having one end terminating in a ring, said fork and ring being adapted to engage a fish pole, said arms being twisted and having flattened heads disposed in upright position at right angles to their opposite ends for engagement with the flattened head of the stem, a tooth on the inner side of the flattened heads for cooperation with serrations on the flattened head of the stem, a bolt extending through said flattened heads and having a wing nut for fastening the head and arms together in various positions of adjustment, substantially as set forth.

1,619,153. VEHICLE TOP CONSTRUCTION. MILTON M. PLUMB, Detroit, Mich., assignor to American Auto Trimming Company, Detroit, Mich., a Corporation of Michigan. Filed July 14, 1924. Serial No. 725,978. 5 Claims. (Cl. 296—102.)



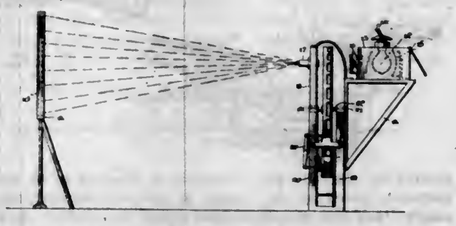
1. In a vehicle top construction, the combination with a frame having a metal rail, of a tacking strip secured to said rail, a bead at the lower edge of the rail, and a yieldable abutment strip for a side curtain secured to said tacking strip and bearing against said bead.

1,619,154. MACHINE FOR FORMING HEELS FOR SHOES. CARL INGALLS POLLARD, Portsmouth, Ohio, assignor of one-half to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed July 10, 1923. Serial No. 650,623. 14 Claims. (Cl. 12—87.)



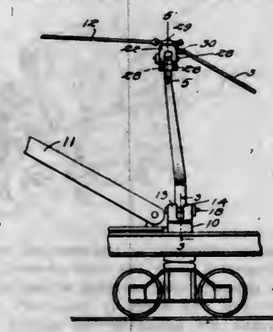
8. In a machine for manufacturing heels, a frame, a cutting means mounted thereon, a holding means to hold a blank, a link connected with said holding means and laterally adjustably pivoted on said frame for guiding said holding means and its blank adjacent the cutting means, a track for supporting said holding means as it is moved relatively to the frame on the link, means to pivot on a vertical axis the holding means on the outer end of the link, a second track for adjusting the elevation of said vertical pivoting means and the holding means, said tracks normally being disposed at a slight angle to the horizontal, means for adjusting the angularity of said tracks, means for bodily adjusting either of said tracks, and additional means permitting the adjustment of the vertical position of the vertically pivoting means connecting the link and the holding means to one another.

1,619,155. CHANGEABLE EXHIBITOR. GEORGE RICHARD PRICE, Monessen, Pa. Filed Aug. 9, 1921, Serial No. 490,908. Renewed Oct. 5, 1926. 3 Claims. (Cl. 88—27.)



2. A changeable exhibitor including an intermittently movable wheel having a plurality of images, a constantly rotating disk adjacent to and opposite the peripheral face of the wheel, and a friction member carried by said disk and radially projecting and yieldable with respect thereto for engagement with the said peripheral face of the wheel whereby partial rotation of the image wheel will be induced during each rotation of the disk.

1,619,156. A FRAME FOR STEAM SHOVELS. ADDISON E. RUDY, Matewan, W. Va. Filed Mar. 8, 1926. Serial No. 93,190. 3 Claims. (Cl. 212—144.)

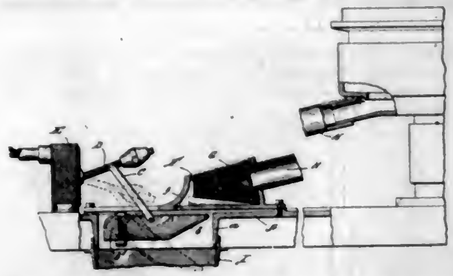


1. The combination with the sill of a digging machine having recesses in its ends, of an A-frame including legs having their lower ends seated in said recesses, and transverse wedge members disposed through the sill and operatively engaged with said leg ends whereto to hold said legs and to permit compensation for wear thereof.

1,619,157. LIQUID FUEL SAVING AND SAFETY DEVICE. JOHN SCHEMINGER, Jr., Providence, R. I., assignor to Aetna Automatic Oil Burner, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 18, 1923. Serial No. 658,147. 7 Claims. (Cl. 158—42.3.)

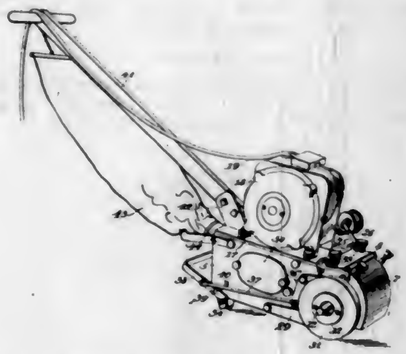
1. A fuel saving and safety device for electrically controlled liquid fuel burners, comprising an unbalanced liquid fuel receptacle pivotally supported near one end; said end being weighted and the receptacle having a free end portion of much greater length than said weighted end extending from its pivotal support and terminating in a rearwardly and upwardly inclined portion underlying a discharge port in a superposed fuel receiving chamber, an electric circuit including a switch or contact device and a switch-lever projecting therefrom toward said receptacle, a link pivoted at one end to said extended free end portion of said receptacle and having its other end

pivoted to said switch-lever; said link and switch-lever being adapted to support the extended end portion of the receptacle, and a counterbalance on the short end of said



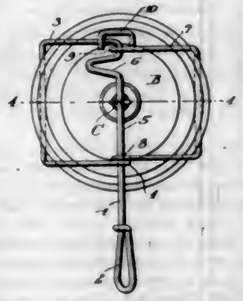
receptacle, whereby the receptacle is adapted to be automatically tilted by the weight of the fuel therein and to empty itself and simultaneously break the electric circuit.

1,619,158. COMBINATION WOODWORKING MACHINE. JOHN SCHIMMELPFENNIG, Cedar Rapids, Iowa. Filed Jan. 24, 1925. Serial No. 4,579. 10 Claims. (Cl. 51—176.)



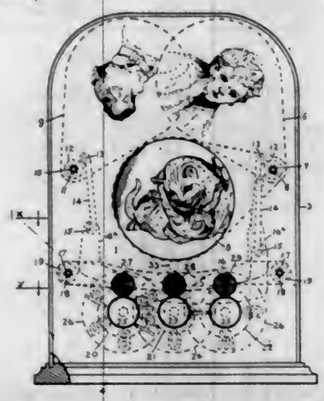
1. In a sanding machine, a roll-carrying housing, a sanding roll journaled near one end thereof, a wheel support for the opposite end, carrying wheels adjacent to the ends of the roll and normally concentric therewith axially, and means for adjusting the wheels vertically with respect to said roll.

1,619,159. COOKING UTENSIL. WILLIAM F. SCHOENWEITZ, Rochester, N. Y. Filed May 26, 1926. Serial No. 111,748. 3 Claims. (Cl. 294—2.)



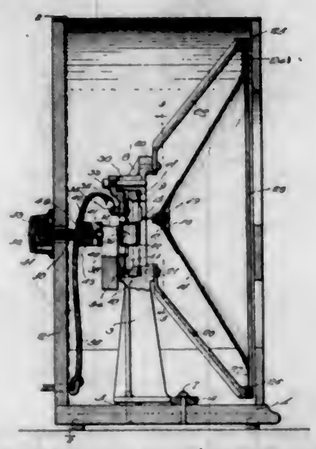
1. In an article of the character described, the combination with a fixed jaw having a handle portion thereon extended to form a central portion having an open loop adapted to engage beneath the knob of a covered vessel, of a swinging jaw pivoted to the central portion of the fixed jaw to straddle the loop and adapted to rest upon the fixed jaw and expose the loop for engagement.

1,619,160. EDUCATIONAL DEVICE FOR TEACHING SPELLING. HERBERT H. STEELE, Lynbrook, N. Y. Filed Jan. 21, 1924. Serial No. 687,638. 32 Claims. (Cl. 35—9.)



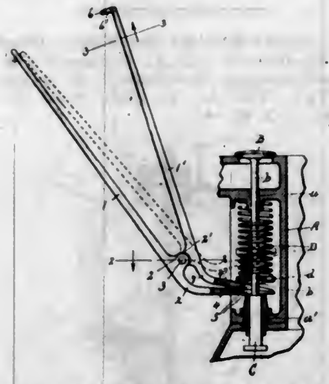
1. The combination with a casing having an opening, of a target normally hidden from view but arranged to move to the opening, and a series of rotatable selectively operable elements jointly controlling the presentation of the target to the opening.

1,619,161. ELECTROMAGNETIC SOUND REPRODUCER. HARRY STEVENSON, Kearny, N. J., assignor to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed July 16, 1926. Serial No. 122,853. 11 Claims. (Cl. 179—115.)



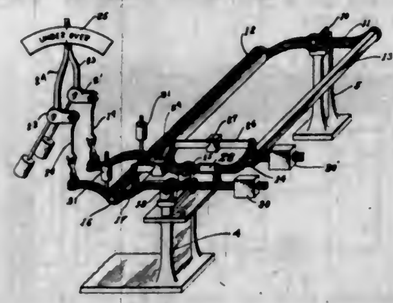
1. An electromagnetic sound reproducer comprising a vertically extending casting, an electromagnetic driving mechanism supported by said casting, a plurality of lug members integrally related to the exterior of said casting, an electromagnetic operating mechanism, a frame concentrically arranged within said casting for carrying said electromagnetic operating mechanism, and a plurality of pins extending between said frame and the lug members on said casting whereby said electromagnetic operating mechanism may be slidably adjusted within said casting, a driving armature actuated by said electromagnetic operating mechanism, and a cone shaped sound reproducing diaphragm having its apex connected with said armature whereby mechanical vibrations of said armature impart similar movement to said diaphragm.

1,619,162. VALVE LIFTER. NORBERT J. STRODEL, Syracuse, N. Y. Filed July 2, 1924. Serial No. 723,723. 1 Claim. (Cl. 29—86.3.)



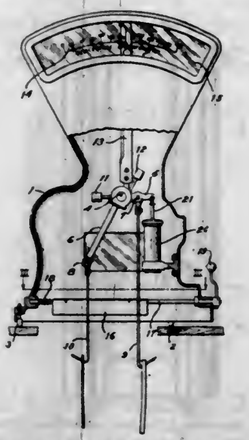
A valve lifting device comprising similar inner and outer levers, each comprising a relatively long straight handle portion and a relatively short straight wedge-shaped jaw portion longitudinally bifurcated and extending at an obtuse angle to the handle portion, said handle portions having pivotally connected lateral ears thereon adjacent to but slightly spaced from the juncture of the handle and jaw portions, whereby the levers are pivotally connected in noncrossed relation so as to permit positioning of the jaws horizontally in substantially flatly contacting relation for being readily wedged between the lower abutment of a valve stem spring and an adjacent fixed part, with the handle portions positioned at a nearly vertical upward and outward inclination and in slight upwardly diverging relation, for being grasped to press the handle portion of the inner lever outwardly and downwardly toward the handle portion of the outer lever and to thereby raise the jaw portion of the inner lever away from the jaw portion of the outer lever and compress the valve stem spring.

1,619,163. DEVICE FOR WEIGHING SHEET MATERIAL. EDWARD G. THOMAS, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Sept. 11, 1922. Serial No. 587,275. 13 Claims. (Cl. 265—61.)



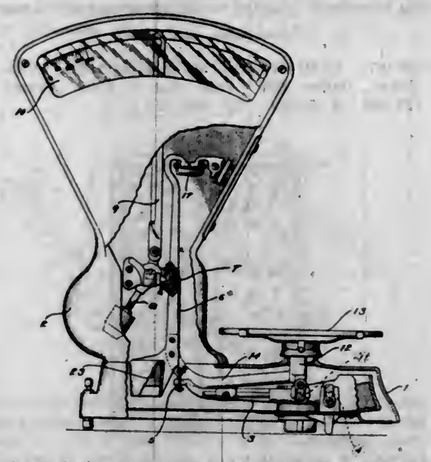
1. In a device of the class described, in combination, means for supporting a portion of a moving strip of material, and means connected to said supporting means for indicating the variations in weight per unit of length of said strip and for indicating variations in the weight from side to side of said strip, said means comprising a pair of movable indicators and a fixed chart, said indicators being adapted to indicate uniformity or non-uniformity in weight per unit of length of the strip by registration or non-registration with a predetermined mark on the fixed chart and uniformity or non-uniformity of weight from side to side of said strip by registration or non-registration with each other.

1,619,164. TESTING DEVICE. EDWARD G. THOMAS, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Dec. 17, 1923. Serial No. 681,029. 7 Claims. (Cl. 265—36.)



1. In a device of the class described, in combination, a bent lever, a commodity-receiver supported by each arm of said bent lever, manually releasable means for normally preventing free swinging of said lever and the parts supported thereby, and an indicator connected to said lever for indicating the relation of the weights of commodities supported by the respective commodity-receivers.

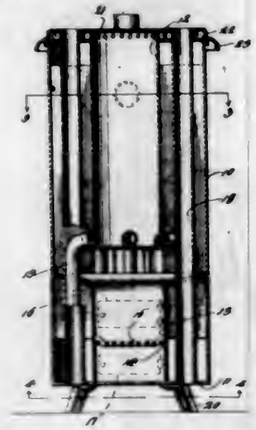
1,619,165. WEIGHING SCALE. EDWARD G. THOMAS, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Feb. 2, 1924. Serial No. 690,114. 8 Claims. (Cl. 265—61.)



1. In a device of the class described, in combination, a frame, a lever connected thereto by means of a fulcrum pivot, said lever having a load pivot, a commodity-

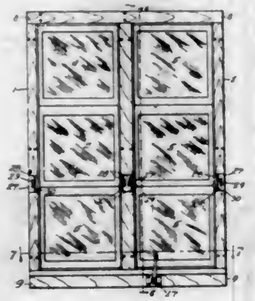
receiver located above said load pivot and positioned substantially symmetrically in respect thereto, an arm extending from said commodity-receiver, a link pivotally connecting said arm and said frame, the axes of the pivotal connections between said link, the arm and frame and the load and fulcrum pivots of said lever being in parallelogrammatic relation, and means for keeping said link in tension regardless of the position on the platform of a load within the capacity of the scale.

1,619,166. STOVE. WILLIAM E. TOLER, Pawnee, Okla. Filed Nov. 23, 1925. Serial No. 70,940. 3 Claims. (Cl. 126—70.)



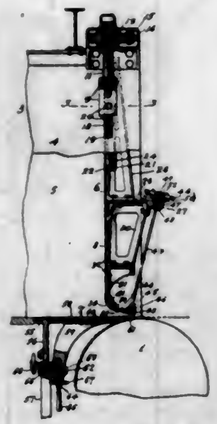
1. A stove comprising, in combination, an outer cylindrical casing, a bottom plate enclosing the lower end of the said casing, a fire box positioned in the central lower portion of the casing flaring outwardly at its upper extremity, an interior cylindrical casing mounted in the upper central portion, a plurality of air conducting pipes extending vertically through the chamber formed between the said inner and outer casings, a plurality of shorter conducting pipes extending from the bottom plate and communicating with the lower portion of the inner casing, means for supporting the structure, and a hollow cover embodying a pair of spaced plates connected by a perforated ring, the said hollow cover being detachably mounted on the upper end of the casings.

1,619,167. SASH-OPERATING MECHANISM. UUNO E. TUOMI, Dallas, Tex. Filed Aug. 7, 1926. Serial No. 127,865. 4 Claims. (Cl. 268—21.)



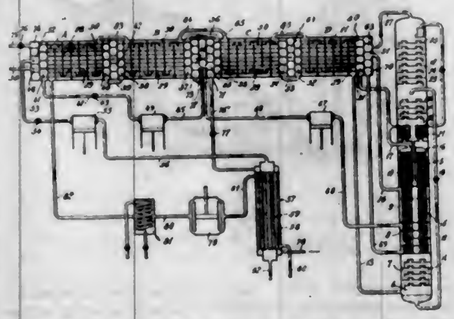
1. A window of the character described in which is provided a plurality of vertical screw threaded shafts adapted to be rotated by a common horizontal shaft, and a plurality of swingable sashes operated thereby, means to effect independent control of said sashes when the shafts are operated, said means comprising collars freely movable on said shafts to which the sashes are connected by arms, a latch having thereon a thread segment engageable with the threads of said vertical shafts pivoted to said collars and normally urged to such engagement, and means to release such engagements selectively from a common point on said window.

1,619,168. PAPER-MAKING MACHINE. CHARLES W. VALENTINE, Watertown, N. Y., assignor to The Bagley and Sewall Company, Watertown, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 82,899. 14 Claims. (Cl. 92—44.)



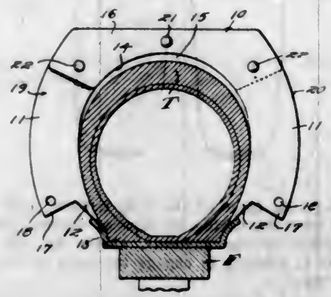
1. In a Fourdrinier paper making machine, the combination of the breast roll and the wire, of a slice adjustable to and from the wire, a controller bar carried by the lower end of the slice, said bar being of flexible metal and formed with weakened portions at a plurality of points so that it may be flexed with a light pressure both longitudinally and transversely of the wire, and means for flexing the bar.

1,619,169. APPARATUS FOR SEPARATING THE CONSTITUENTS OF GASEOUS MIXTURES. CLAUDE C. VAN NUYS, Cranford, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a Corporation of New York. Original application filed Sept. 9, 1920, Serial No. 409,096. Divided and this application filed Dec. 6, 1924. Serial No. 754,281. 4 Claims. (Cl. 62—123.)



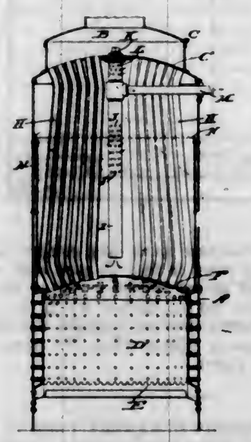
1. In an apparatus for separating the constituents of a gaseous mixture by liquefaction, the combination of a column having a plurality of tubes for the passage of the mixture, a chamber surrounding the tubes to receive liquid, a head in which the tubes terminate, means for withdrawing residual unliquefied gas from the head, means for non-selectively liquefying a regulated portion of the residual gas thus withdrawn, means for diverting the remainder of the residual gas from the liquefying means, a rectifying compartment and means for delivering liquid produced in the tubes and the liquefied residual gas to the rectifying compartment.

1,619,170. TRACTION DEVICE FOR VEHICLE TIRES. JOHN R. VOSBURGH, Johnstown, N. Y. Filed May 13, 1926. Serial No. 108,887. 1 Claim. (Cl. 152—14.)



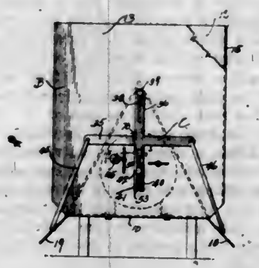
A traction device for tired vehicle wheels comprising a U-shaped member adapted to straddle the tire and having the ends of its arms coverging to fit against the side walls of the tire adjacent the rim, the opening between the arms being elongated at the bight to provide a space between the tread of the tire and the confronting face of the bight portion when the device is disposed radially to the tire.

1,619,171. BOILER. HENRY E. WALLIS and CHARLES T. KINGSTON, Detroit, Mich. Filed Mar. 29, 1924. Serial No. 702,827. 1 Claim. (Cl. 122—118.)



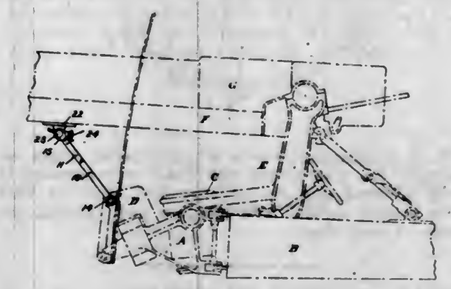
In a vertical tube boiler, upper and lower tube sheets, a plurality of tubes connected to the tube sheets, a central pipe extending through the upper tube sheet and suspended therefrom and terminating immediately above the same, a plug to close the upper end of said central pipe and the latter extending downwardly from the upper tube sheet to a point adjacent the lower tube sheet and open at its lower end and having a plurality of apertures adjacent the water level, whereby the water in the boiler may circulate downwardly through said pipe and be discharged therefrom adjacent the lower tube sheet, a horizontally disposed pipe disposed below the upper tube sheet and connected with the said central pipe and extending through the shell of the boiler between the tubes for the passage of steam, said central pipe having a plurality of apertures above said horizontally disposed pipe below the upper tube sheet open to the steam space of the boiler, whereby steam may be admitted in the said central pipe for passage through said horizontal pipe.

1,619,172. TIME FEEDER FOR DOMESTIC ANIMALS. WILLIAM F. WENT, Colorado Springs, Colo. Filed Aug. 1, 1924. Serial No. 729,563. 2 Claims. (Cl. 161—10.)



1. In a feeder of the class described a housing providing a storage compartment having openings at the lower opposite corners thereof, lids pivotally connected to said housing normally operated by their own weight to assume an open relation, a cross-shaped member carried by said housing for vertical movement and including oppositely disposed side arms, links connecting the opposite ends of said side arms with said lids so that the weight of said cross-shaped member will act upon said lids to hold them in an open relation with respect to the openings of said housing, and time controlling means for operating said cross-shaped member.

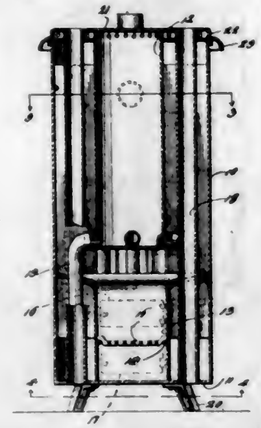
1,619,173. CRADLE LOCK FOR GUN CARRIAGES. HARRY C. ZIMMERMAN, Washington, D. C. Filed Aug. 25, 1924. Serial No. 734,060. 5 Claims. (Cl. 89—40.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)



5. A cradle lock for gun carriages including a tripodal swinging support, means for mounting said support to the carriage, a tripod head formed wtih upstanding apertured ears, an apertured lug on said cradle, a coupling bolt insertable through the ears and lug, and means mounted in the head and cooperating with the bolt for holding the bolt in either locked or unlocked position.

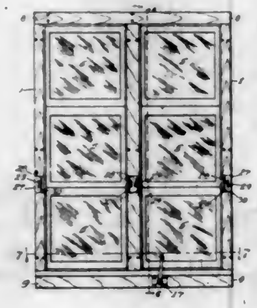
receiver located above said load pivot and positioned substantially symmetrically in respect thereto, an arm extending from said commodity-receiver, a link pivotally connecting said arm and said frame, the axes of the pivotal connections between said link, the arm and frame and the load and fulcrum pivots of said lever being in parallelogrammatic relation, and means for keeping said link in tension regardless of the position on the platform of a load within the capacity of the scale.

1,619,166. STOVE. WILLIAM E. TOLER, Pawnee, Okla. Filed Nov. 23, 1925. Serial No. 70,940. 3 Claims. (Cl. 126—70.)



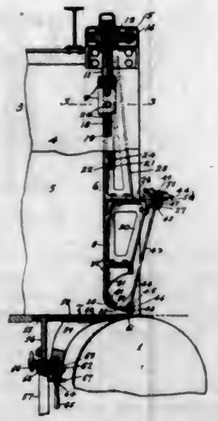
1. A stove comprising, in combination, an outer cylindrical casing, a bottom plate enclosing the lower end of the said casing, a fire box positioned in the central lower portion of the casing flaring outwardly at its upper extremity, an interior cylindrical casing mounted in the upper central portion, a plurality of air conducting pipes extending vertically through the chamber formed between the said inner and outer casings, a plurality of shorter conducting pipes extending from the bottom plate and communicating with the lower portion of the inner casing, means for supporting the structure, and a hollow cover embodying a pair of spaced plates connected by a perforated ring, the said hollow cover being detachably mounted on the upper end of the casings.

1,619,167. SASH-OPERATING MECHANISM. UUNO E. TUOMI, Dallas, Tex. Filed Aug. 7, 1926. Serial No. 127,865. 4 Claims. (Cl. 268—21.)



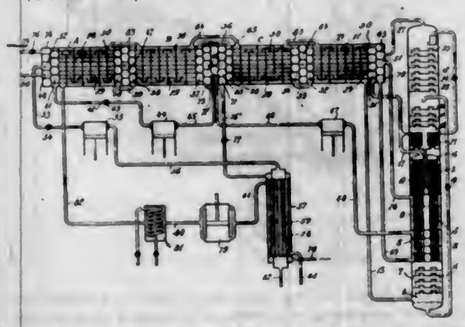
1. A window of the character described in which is provided a plurality of vertical screw threaded shafts adapted to be rotated by a common horizontal shaft, and a plurality of swingable sashes operated thereby, means to effect independent control of said sashes when the shafts are operated, said means comprising collars freely movable on said shafts to which the sashes are connected by arms, a latch having thereon a thread segment engageable with the threads of said vertical shafts pivoted to said collars and normally urged to such engagement, and means to release such engagements selectively from a common point on said window.

1,619,168. PAPER-MAKING MACHINE. CHARLES W. VALENTINE, Watertown, N. Y., assignor to The Bagley and Sewall Company, Watertown, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 82,899. 14 Claims. (Cl. 92—44.)



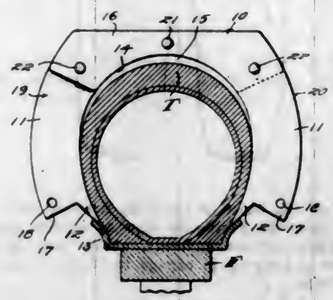
1. In a Fourdrinier paper making machine, the combination of the breast roll and the wire, of a slice adjustable to and from the wire, a controller bar carried by the lower end of the slice, said bar being of flexible metal and formed with weakened portions at a plurality of points so that it may be flexed with a light pressure both longitudinally and transversely of the wire, and means for flexing the bar.

1,619,169. APPARATUS FOR SEPARATING THE CONSTITUENTS OF GASEOUS MIXTURES. CLAUDE C. VAN NUYS, Cranford, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a Corporation of New York. Original application filed Sept. 9, 1920, Serial No. 409,006. Divided and this application filed Dec. 6, 1924. Serial No. 754,281. 4 Claims. (Cl. 62—123.)



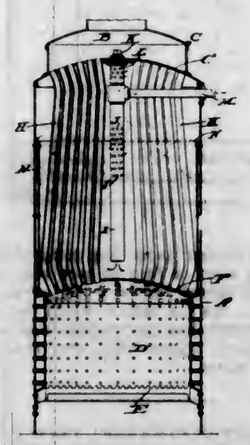
1. In an apparatus for separating the constituents of a gaseous mixture by liquefaction, the combination of a column having a plurality of tubes for the passage of the mixture, a chamber surrounding the tubes to receive liquid, a head in which the tubes terminate, means for withdrawing residual unliquefied gas from the head, means for non-selectively liquefying a regulated portion of the residual gas thus withdrawn, means for diverting the remainder of the residual gas from the liquefying means, a rectifying compartment and means for delivering liquid produced in the tubes and the liquefied residual gas to the rectifying compartment.

1,619,170. TRACTION DEVICE FOR VEHICLE TIRES. JOHN R. VOSBURGH, Johnstown, N. Y. Filed May 13, 1926. Serial No. 108,887. 1 Claim. (Cl. 152—14.)



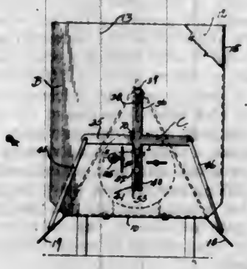
A traction device for tired vehicle wheels comprising a U-shaped member adapted to straddle the tire and having the ends of its arms coverging to fit against the side walls of the tire adjacent the rim, the opening between the arms being elongated at the bight to provide a space between the tread of the tire and the confronting face of the bight portion when the device is disposed radially to the tire.

1,619,171. BOILER. HENRY E. WALLIS and CHARLES T. KINGSTON, Detroit, Mich. Filed Mar. 29, 1924. Serial No. 702,827. 1 Claim. (Cl. 122—118.)



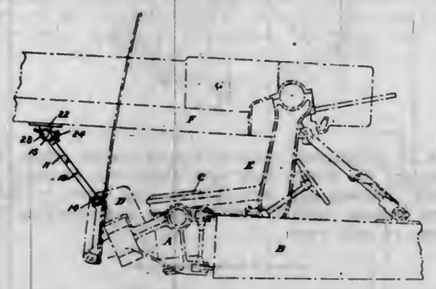
In a vertical tube boiler, upper and lower tube sheets, a plurality of tubes connected to the tube sheets, a central pipe extending through the upper tube sheet and suspended therefrom and terminating immediately above the same, a plug to close the upper end of said central pipe and the latter extending downwardly from the upper tube sheet to a point adjacent the lower tube sheet and open at its lower end and having a plurality of apertures adjacent the water level, whereby the water in the boiler may circulate downwardly through said pipe and be discharged therefrom adjacent the lower tube sheet, a horizontally disposed pipe disposed below the upper tube sheet and connected with the said central pipe and extending through the shell of the boiler between the tubes for the passage of steam, said central pipe having a plurality of apertures above said horizontally disposed pipe below the upper tube sheet open to the steam space of the boiler, whereby steam may be admitted in the said central pipe for passage through said horizontal pipe.

1,619,172. TIME FEEDER FOR DOMESTIC ANIMALS. WILLIAM F. WENT, Colorado Springs, Colo. Filed Aug. 1, 1924. Serial No. 729,563. 2 Claims. (Cl. 161—10.)



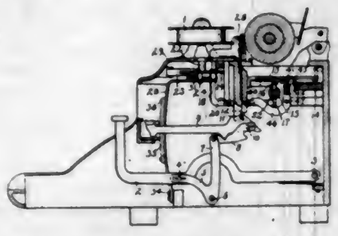
1. In a feeder of the class described a housing providing a storage compartment having openings at the lower opposite corners thereof, lids pivotally connected to said housing normally operated by their own weight to assume an open relation, a cross-shaped member carried by said housing for vertical movement and including oppositely disposed side arms, links connecting the opposite ends of said side arms with said lids so that the weight of said cross-shaped member will act upon said lids to hold them in an open relation with respect to the openings of said housing, and time controlling means for operating said cross-shaped member.

1,619,173. CRADLE LOCK FOR GUN CARRIAGES. HARRY C. ZIMMERMAN, Washington, D. C. Filed Aug. 25, 1924. Serial No. 734,060. 5 Claims. (Cl. 89—40.) (Granted under the act of Mar. 3, 1883. 22 Stat. L. 625.)



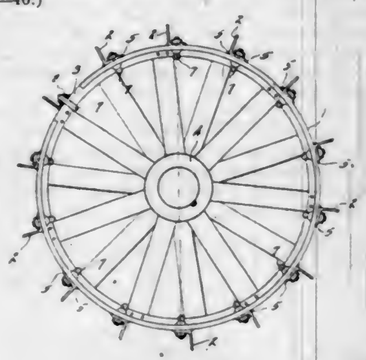
5. A cradle lock for gun carriages including a tripodal swinging support, means for mounting said support to the carriage, a tripod head formed wtih upstanding apertured ears, an apertured lug on said cradle, a coupling bolt insertable through the ears and lug, and means mounted in the head and cooperating with the bolt for holding the bolt in either locked or unlocked position.

1,619,174. RIBBON-OPERATING MECHANISM FOR TYPEWRITING MACHINES. JESSE ALEXANDER, Los Angeles, Calif. Filed Nov. 5, 1923. Serial No. 672,822. 2 Claims. (Cl. 197—157.)



1. In a typewriter, a universal bar, a support for the universal bar, means for actuating the universal bar and its support, a rock shaft below the universal bar support and actuated thereby, ribbon feeding mechanism actuated by said rock shaft, a ribbon lifter, a lifting arm pivoted intermediate of its ends below the universal bar support and in rear of the rock shaft, one end of the lifting arm curving around the rock shaft and having a connection with the ribbon lifter, a slide on the universal bar support in rear of the rock shaft, and pins on said slide, the opposite end of the lifting arm curving upwardly and having a slot adapted for engagement by the respective pins by shifting the slide relative to the universal bar support, and said pins being spaced to exert different leverage on the lifting arm.

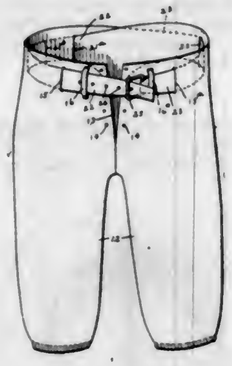
1,619,175. AUXILIARY RIM AND MEANS FOR ATTACHING SAME. ARTHUR P. ARMINGTON, Willoughby, Ohio, assignor to The Euclid Crane & Hoist Company, Euclid Village, Ohio, a Corporation of Ohio. Filed Mar. 24, 1926. Serial No. 97,014. 3 Claims. (Cl. 301—40.)



2. In combination with a flanged tractor wheel, an auxiliary rim spaced from said wheel by a plurality of tread members, and secured upon said wheel by hook bolts passing through said members and engaging the flange of said wheel.

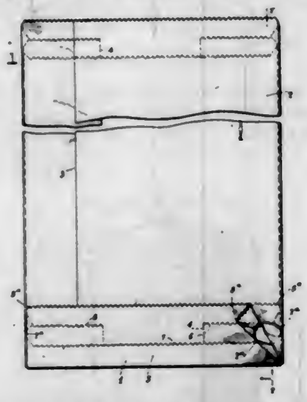
1,619,176. TROUSERS FOR ATHLETES. HENRY K. ATWELL, Syracuse, N. Y. Filed Mar. 6, 1926. Serial No. 92,705. 2 Claims. (Cl. 2—237.)

1. Trousers of the character described, including leg and body sections, the front of the body being separated into two members by a vertical opening extending through its upper edge and provided on opposite sides of said opening with slits closed at both ends, the back and sides of the body including a lower portion continuous throughout the width of the garment and an upper portion constituting the waist portion of the garment which is divided to provide two overlapping members that extend to the upper edge of the back and the free edges of which terminate in strap-like parts that extend through the afore-



said slits in the front of the body portion, each of said strap-like portions having an exposed section within the waist portion of the garment, above the hip portion whereby it is adapted to engage the body of the wearer over the hips.

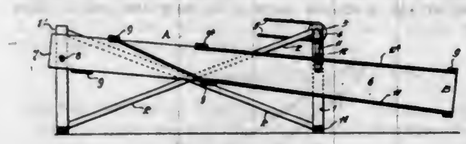
1,619,177. SIFT-PROOF BAG. TRUE M. AVERY, Hudson Falls, N. Y., assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y., a Corporation of New Jersey. Filed June 26, 1925. Serial No. 39,824. 2 Claims. (Cl. 229—58.)



1. A square-bottom paper bag comprising a tube-like body having a pleat or tuck at each edge and a bottom flap folded and pasted against a side of the body of the bag, the side of the bag against which the bottom flap is pasted being wider than the opposite side of the bag and providing supports against which the corners of the bottom flap are pasted.

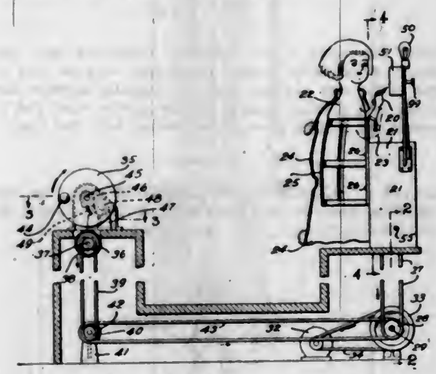
1,619,178. COTTON CLEANER. CLYDE J. BAKER, Wellington, Tex. Filed Mar. 29, 1926. Serial No. 98,238. 3 Claims. (Cl. 19—65.)

1. A cotton cleaner comprising a frame, supporting means therefor; an elongated screened box having one end loosely connected to a cross rod in the frame and having connection near its center to a crank shaft in the frame; a pulley secured to the crank shaft and means for driving the pulley; said box having both ends open and screens at the top and bottom, one end adapted to receive cotton from the upper side of the box and the other end adapted to deliver the cotton when cleaned; said crank shaft when rotated by the pulley so arranged



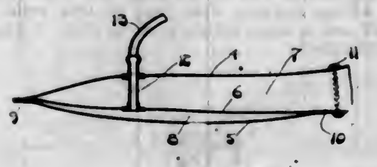
that the cotton will be given an agitating up and down movement between the screens of the box in removing the dirt therefrom.

1,619,179. MECHANICAL TOY. ADOLF BANGERTER, New Brighton, N. Y. Filed Jan. 5, 1924. Serial No. 684,664. 8 Claims. (Cl. 273—86.)



1. A toy as characterized comprising a movable marking member; a stationary chart magazine for disposing successive charts adjacent to said marking member; and power driven means for moving said marking member successively to place a marking point against the outermost chart and to simultaneously move said point under pressure over said chart, in a predetermined path, and then to move said marking member out of contact with said chart.

1,619,180. BATH MIT. ANDREW BENUSSI, Brooklyn, N. Y. Filed Feb. 20, 1926. Serial No. 89,807. 1 Claim. (Cl. 15—127.)



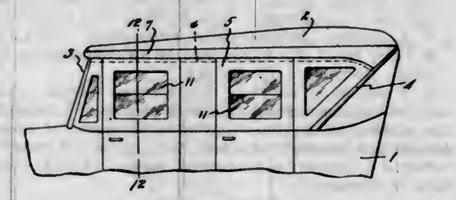
A bath mit having a hand compartment and a water compartment secured to the face of the hand compartment, said hand compartment being water proof and adapted to receive the wearer's hand, said water compartment being adapted to receive water and to have its discharge through the outer wall thereof onto the wearer's body while in use, and a hose connection extending from the water compartment through the hand compartment and accessible from the back of the mit for connection to a source of water supply.

1,619,181. COMBINATION TOOL. JOHN BERETZ, Blair, W. Va. Filed Apr. 22, 1926. Serial No. 103,684. 2 Claims. (Cl. 81—9.5.)



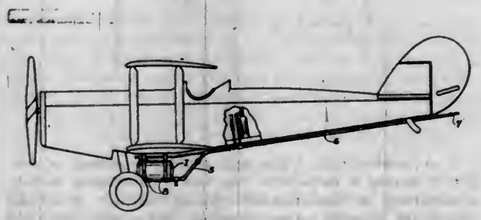
1. In a device of the class described the combination with a pair of pliers, of wire stripping elements comprising a lower gripping member located at a point intermediate to the sides of the said plier jaw, and an opposed gripping member having the form of a rotatable plate with a plurality of straight edges which are at varying distances from the pivot center of the said plate and each of which edges may be brought into registration with the said lower member, and means to lock the said plate in the desired position.

1,619,182. CONVERTIBLE VEHICLE BODY. FRANK A. BEST, Ford, Ontario, Canada, assignor to American Auto Trimming Company, Detroit, Mich., a Corporation of Michigan. Filed Aug. 25, 1924. Serial No. 734,076. 12 Claims. (Cl. 296—45.)



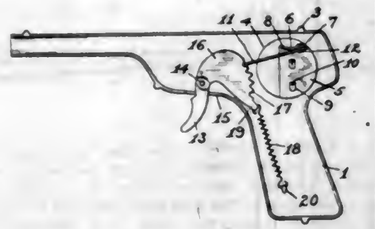
1. The combination with a vehicle body and a removable window section, of means for attaching said section to said body including a socket secured to the body, a plate rigidly secured to the section, a bar slidably engaging said socket, and an adjustable connection between the bar and plate capable of adjusting said window section relative to the vehicle body.

1,619,183. PROCESS OF PRODUCING SMOKE CLOUDS FROM MOVING AIRCRAFT. DONALD B. BRADNER and NICHOLAS E. OGLESBY, Edgewood, Md. Filed May 8, 1925. Serial No. 28,981. 8 Claims. (Cl. 244—1.)



1. In a process of producing a smoke screen, ejecting from a moving body a liquid which reacts with a constituent of the air to produce a smoke, said body moving at a velocity sufficient to produce a highly dispersive action upon a liquid falling therefrom and said smoke-producing liquid being ejected in a direction substantially opposite to that of the moving body and at a velocity to counteract said dispersive action.

1,619,184. TOY PISTOL. HARRY BERGMAN, Lorain, Ohio, assignor to The Steel Stamping Company, a Corporation of Ohio. Filed June 30, 1923. Serial No. 648,778. 2 Claims. (Cl. 46—46.)

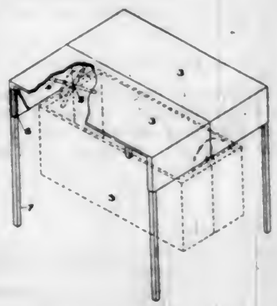


1. In a toy pistol, the combination of a body, a plate fixed to the body, the plate having a flange extending at a right angle thereto, the flange having one portion inclined downwardly and its other portion extending upwardly, a flat spring fixed to the downwardly inclined portion of the flange, a trigger pivotally supported by the body, and the trigger being provided with teeth for engaging the free end of said flat spring, substantially as described.

1,619,185. PROCESS FOR REMOVING THE DUST FROM CALCIUM CYANAMIDE AND DEODORIZING THE SAME. JOSEPH BRESLAUER, Geneva, Switzerland, assignor to Compagnie de L'Azote et des Fertilisants S. A., Geneva, Switzerland, a Swiss Firm. Filed Jan. 8, 1926, Serial No. 80,104, and in Switzerland Jan. 10, 1925. 6 Claims. (Cl. 71—9.)

1. A process for removing the dust from calcium cyanamide and of deodorizing the latter consisting in treating this cyanamide simultaneously with a current of carbon dioxide and superheated steam for a period of time insufficient to convert a substantial amount of said cyanamide to ammonia.

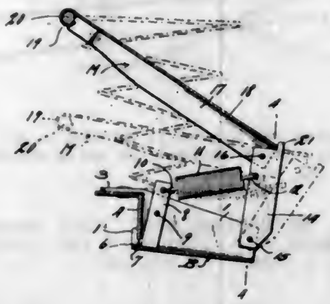
1,619,186. COMBINATION AUTOMOBILE TRUNK AND TABLE. TOBIAS J. BRICCA and JOSEPH C. FAVILLA, San Francisco, Calif. Filed July 27, 1926. Serial No. 125,277. 5 Claims. (Cl. 190—12.)



1. A combination trunk and table comprising, a container having a detachable top and a detachable bottom, a plurality of side members joined together by hinges which are adapted to be converted into a table top, and supports carried inside the container for supporting the top, bottom and the table top.

1,619,187. ATTACHMENT FOR BED SPRINGS. EDWARD L. BRONSTEIN, St. Paul, Minn. Filed Apr. 13, 1926. Serial No. 101,770. 1 Claim. (Cl. 5—262.)

In combination with a bed spring including a frame and a top border wire, a member secured to the frame and extending laterally therefrom, said member being in cross section substantially U-shaped, an arm fitting within said member and secured thereto, an end portion of the arm having direct abutting contact against the bottom of the U-shaped member to hold the arm against



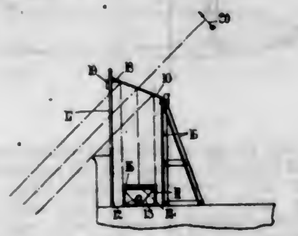
rocking movement, a link pivotally connected with said member, a retractile spring interposed between and secured to the arm and link, and an elongated member having one end portion secured to the border wire and its opposite end portion pivotally connected with the link.

1,619,188. NONSKID CROSS-CHAIN HOOK. LE ROY BROWNE, Troy, N. Y. Filed Sept. 6, 1923. Serial No. 661,292. 3 Claims. (Cl. 24—230.5.)



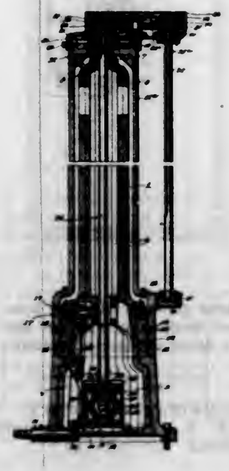
1. A cross chain hook formed from a single piece of resilient material bent to provide a loop at one end for receiving the cross chain, double hooks at the other end for engaging a link of the side chain, and a projection intermediate the ends normally closing the jaws of said hooks; said double hooks adapted to be sprung apart to allow a cross chain link to pass therebetween, and sprung away from said projection to permit a side chain link to enter the hook.

1,619,189. SIGN. WILLIAM ALBERT BURNS, London, England, assignor, by mesne assignments, to Charles Gold, Ravens, England. Filed Sept. 12, 1924, Serial No. 737,427, and in Great Britain Sept. 20, 1923. 7 Claims. (Cl. 40—130.)



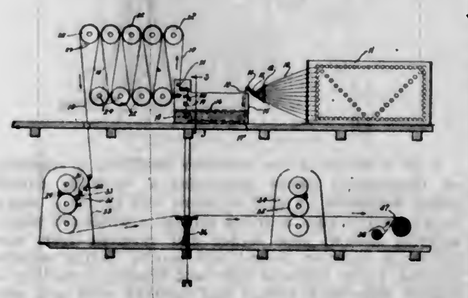
1. A means for displaying a sign to be visible as floating in the air against the sky as a background, comprising a display device mounted by an elevation materially above the eye of the observer and wholly concealed by such elevation from the eye of the observer, a translucent reflector arranged above the display device and between it and the background, and at an angle other than a right angle to the display device to cause the line of observation to be through the reflector to the background wholly beyond said elevation and said display device.

1,619,190. RADIAL DRILL. JACK C. CARLTON, Cincinnati, Ohio, assignor to The Carlton Machine Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 18, 1922. Serial No. 582,751. 20 Claims. (Cl. 77—28.)



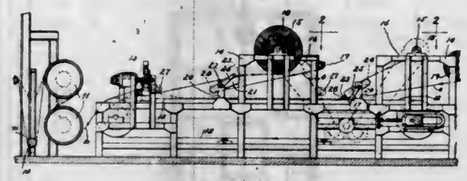
1. In a radial drill, a column, a sleeve concentrically and rotatively supported upon and surrounding said column, a cap for said sleeve housing transmission gearing, a second housing removably mounted within the base of said column and projecting beyond the side wall of the same, having transmission gearing therein, and a shaft extending longitudinally of said column having splined connection at each end with a gear of respective transmission gearings.

1,619,191. MANUFACTURE OF WEFTLESS CORD FABRIC. MARTIN CASTRICUM, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Aug. 16, 1923. Serial No. 657,791. 5 Claims. (Cl. 154—1.)



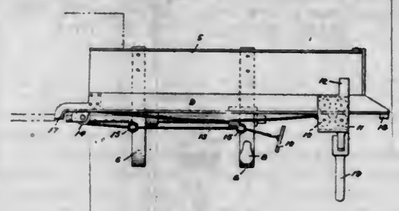
3. An apparatus for forming weftless cord fabric which comprises a cord supply, means to arrange the cords in separate spaced relation to form a sheet, devices for guiding the cords through a liquid bath while thus separated, means to crowd the cords together while still preserving the sheet form, devices acting while the cords are thus crowded to remove excess liquid from the cords, and devices for applying to the cords a uniting matrix of rubber.

1,619,192. DELIVERING MOVING WEBS. MARTIN CASTRICUM, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Mar. 6, 1926. Serial No. 92,904. 4 Claims. (Cl. 271—2.1.)



1. A method of picking up stock being delivered on a conveyor belt, which comprises causing a conveying web to pass through an abrupt turn in a direction of motion opposite to that of the belt, and substantially in contact with the belt ahead of the leading end of the stock, whereby the stock will be lifted from the belt and carried upon the web.

1,619,193. LOADER FOR GUNS. THOMAS A. CONLON, Silver Spring, Md. Filed Feb. 19, 1925. Serial No. 10,340. 1 Claim. (Cl. 89—47.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)

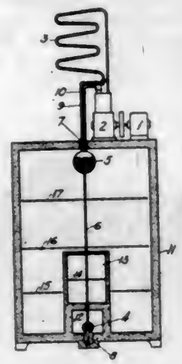


In combination with a gun, a loading tray mounted for oscillatory movement on the cradle thereof, a rail on the tray, a rammer movable on the rail and having a finger extending within the tray for engaging a projectile, means on the rail for limiting movement of the rammer, a cable attached to the rammer, pulleys over which the cable is trained, and a handle for moving the rammer.

1,619,194. WORKING SUBSTANCE FOR HEAT ENGINES. RANSOM W. DAVENPORT, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 29, 1922, Serial No. 603,998. Renewed Apr. 19, 1926. 16 Claims. (Cl. 252—5.)

1. The use as a refrigerating fluid of carbon tetrachloride and a mixture of the vapor of the latter and of a gas substantially inert toward and insoluble in the liquid carbon tetrachloride at common atmospheric temperatures and pressures.

1,619,195. HEAT ENGINE. RANSOM W. DAVENPORT, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Original application filed Nov. 29, 1922, Serial No. 603,998. Divided and this application filed Apr. 25, 1924. Serial No. 708,936. 19 Claims. (Cl. 62—116.)



1. Refrigerating apparatus utilizing as a refrigerant a physical mixture of a liquid and a gas inert to and insoluble in said liquid comprising a compressor, means to operate said compressor, a refrigerating element for containing the liquid refrigerant, a continuously open nozzle opening into said element, a condenser, ducts connecting said compressor to said element and to said condenser respectively, and a duct through which contiguous streams of liquid and gas pass from said condenser to said nozzle.

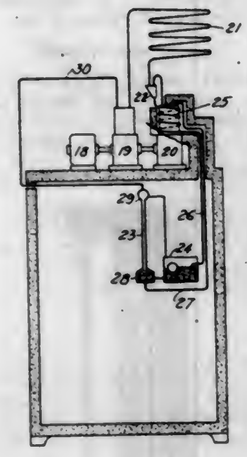
1,619,196. PROCESS OF TRANSFORMING HEAT. RANSOM W. DAVENPORT, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed Mar. 12, 1925. Serial No. 15,172. 21 Claims. (Cl. 62—170.)



1. The process of transforming heat, involving repeatedly conducting a suitable working substance having a gaseous incondensible component, through a closed thermodynamic cycle, which consists in successively compressing, condensing, expanding, and vaporizing the said working substance.

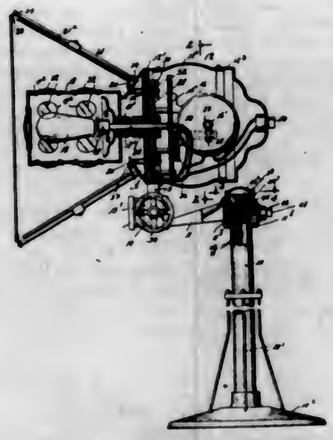
1,619,197. HEAT ENGINE. RANSOM W. DAVENPORT, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Original application filed Apr. 25, 1924, Serial No. 708,936. Divided and this application filed July 24, 1925. Serial No. 45,905. 21 Claims. (Cl. 62—115.)

1. A heat engine adapted to the circulation of a working substance having liquid and gaseous components comprising a compressor, a condenser, an expansion device in dynamic relation with said compressor, a boiler for containing the liquid component of the refrigerant, and pipes interconnecting said elements arranged to conduct the



gaseous component of the refrigerant from said condenser to said expansion device and thence to said boiler beneath the level of the liquid refrigerant therein.

1,619,198. ILLUMINATING DEVICE. KARL EDISON, New York, N. Y. Filed Jan. 9, 1926. Serial No. 80,273. 2 Claims. (Cl. 240—49.)



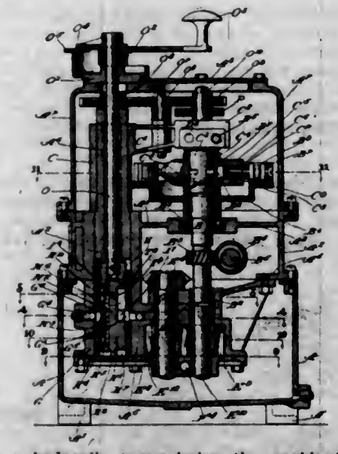
1. In a device of the character described, a standard, an illuminating device comprising a vertically tiltable casing supported on said standard and having a socket for an electric bulb, a driven spindle, a windowed mantle mounted around said socket and revolved from said spindle, a reflector around said mantle having movable sections, a gear operated from said spindle, a plurality of pinions distributed around and meshing with said gear and crank arms operated from said pinions and operatively connected to said movable section so as to rock the latter transversely of the reflector.

1,619,199. FULL-FASHIONED HOSIERY. HUMPHREY EVANS and HERBERT E. HEILBRONNER, Milwaukee, Wis., assignors to Holeproof Hosiery Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed May 12, 1924. Serial No. 712,593. 7 Claims. (Cl. 66—184.)



1. As a new article of manufacture, a hose having seamless toe and heel portions and consisting of a leg portion, an ankle portion, a toe portion, a sole portion and a heel portion formed from an integral piece of knitted material in which the sole portion is integral with the upper portion at the toe to form a seamless connection therebetween at the toe, a longitudinally extending seam joining the edges of the leg portion together from the ankle to the upper end of the hose, and diagonally extending branch seams extending on opposite sides of the hose from the lower end of the longitudinal seam and along the opposite sides of the foot to points spaced from the end of the toe to join the portions together and eliminate seams from the toe and heel portions proper and the bottom portions of the sole.

1,619,200. HYDRAULIC TRANSMISSION. WALTER FERRIS, Milwaukee, Wis. Filed Apr. 11, 1921. Serial No. 460,184. 41 Claims. (Cl. 60—52.)

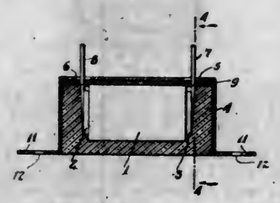


1. In a hydraulic transmission the combination of a hydraulic motor, a variable displacement pump for delivering a driving liquid thereto, means for regulating pump displacement to regulate the speed of said motor within a limited range, a second pump for driving said motor, valve mechanism for controlling the discharge from said second pump to increase the speed of said motor above said range, and a unitary means for controlling said displacement regulating means and said valve.

22. In a hydraulic transmission the combination of a hydraulic circuit, a motor in said circuit, a pump, valve mechanism adjustable to connect said pump with either side of said circuit to operate said motor in either direction, and a low pressure relief valve connected with the discharge side of said motor in all positions of said valve.

34. In a hydraulic transmission the combination of a hydraulic circuit, a variable displacement pump for feeding said circuit, means for regulating pump displacement, and valve mechanism associated with said regulating means for automatically effecting communication between the two sides of said circuit when pump displacement is zero.

1,619,201. CONDENSER. JOSEPH A. FRIED, Flushing, N. Y., assignor to Dubilier Condenser Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 29, 1926. Serial No. 105,595. 4 Claims. (Cl. 175—41.5.)



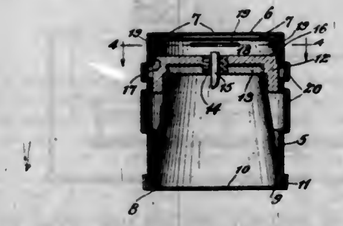
1. A condenser comprising a rolled body, a casing in which the body is disposed, the casing having openings adjacent opposite ends of the body, a terminal in the form of a flat relatively wide strip secured to each of the opposite ends of the body, the terminals projecting through said openings, an insulating embedment sealing the condenser in the casing, and perforated metallic lugs carried by the casing, and projecting one at each end thereof.

1,619,202. POWDERED SOLUBLE FRUIT, VEGETABLE, OTHER EDIBLE NATURAL OR MANUFACTURED SUBSTANCES AND PROCESS OF MAKING A POWDERED FRUIT, VEGETABLE, OR OTHER EDIBLE SUBSTANCE OR COMPOSITION. CHARLES J. GREENSTREET, Chicago, Ill. Filed Sept. 13, 1923. Serial No. 662,444. 11 Claims. (Cl. 99—5.)

1. A composition of matter comprising substantially all the constituents of a natural fruit chemically unchanged and reduced to such a fine state of subdivision as to form a colloidal solution in the presence of water.

6. The process of making a powdered edible substance comprising the reduction of a natural edible substance including both juices and fibrous structure to the colloidal state in the presence of a liquid carrier, and evaporating to dryness the resultant colloidal solution.

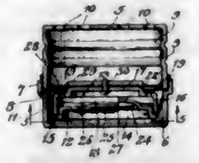
1,619,203. SOUND-PRODUCING DEVICE. ANTON L. GRUBMAN, Belle Harbor, N. Y., assignor to Voices Incorporated, Newark, N. J., a Corporation of Delaware. Filed Nov. 22, 1924. Serial No. 751,451. 7 Claims. (Cl. 46—46.)



1. In a sound producing device, a casing having sound-emission apertures in the wall thereof, a bellows arranged

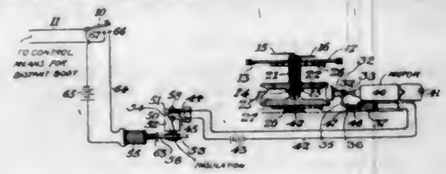
within said casing having a gravity movable head, a sound producing reed through which air is expelled from the bellows in the movement of said head in one direction, the wall of said casing being also provided with sound emission passages spaced apart longitudinally of the casing, and relatively fixed means on the bellows heads cooperating with said spaced passages in the air expelling movement of said head to effect an articulated emission of the sound.

1,619,204. SOUND-PRODUCING DEVICE. LEO J. GAUBMAN, New York, N. Y., assignor to Voices Incorporated, Newark N. J., a Corporation of Delaware. Filed Aug. 7, 1923. Serial No. 656,169. 12 Claims. (Cl. 46—46.)



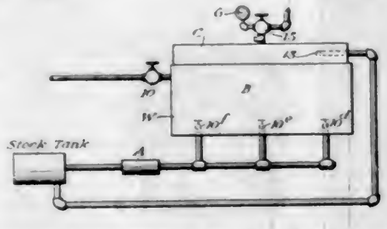
1. In a sound producing device, an air chamber and a movable head constituting one end of said chamber, a sound producing reed through which the air flows in the movement of said head in one direction, a wall surrounding said head, said head having means thereon cooperating with said wall to provide a sound emission passage between said means and the wall, and means affording communication between said reed and said passage.

1,619,205. ANGLE-INDICATING DEVICE FOR MOVING BODIES. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Sept. 25, 1918, Serial No. 255,681. Renewed Apr. 26, 1924. 4 Claims. (Cl. 177—311.)



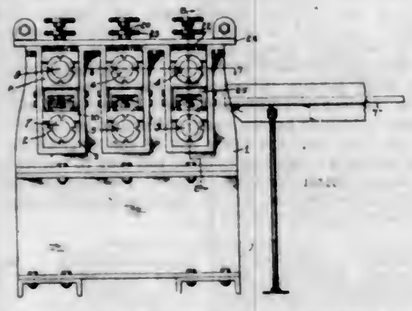
1. An indicating system comprising an indicator having a pair of pointers, means for turning said pointers in opposite directions, means including a motor running at a constant speed for operating said pointer turning means at a rate corresponding to the angular velocity of a distant body, an electric circuit, and means operated by the closing of said circuit for actuating said operating means, whereby said indicator reproduces the angular turning movement of said distant body.

1,619,206. TREATMENT OF GASOLINE. MEADE W. HARRIGER and WILLIAM J. BAKER, Tylersburg, Pa. Filed Aug. 6, 1924. Serial No. 730,415. 1 Claim. (Cl. 196—11.)



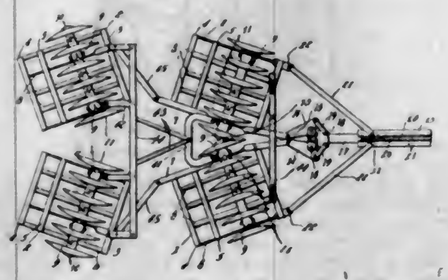
Apparatus for extracting wild gas from casing head gasoline, comprising a plurality of parallel pipes located in vertically spaced relation to each other and each sloping downwardly from the horizontal at an angle such that the total drop from the intake end to the outlet end is substantially 5¾ inches in 107 inches, a plurality of vertical headers each having a considerably greater internal diameter than the sum of the internal diameters of said pipes, the first of said headers being connected with all of said pipes at one end and the last of said headers being connected with all of said pipes at the other end, while all of the pipes open into each intermediate header, a gasoline intake pipe opening into the first header, a vapor outlet at the top of each header for the release of wild gas, a gasoline outlet at the bottom of certain of said headers, means for heating said pipes and headers to such temperature as will vaporize the wild gas in the gasoline flowing therethrough, and a residue gas container located above said sloping pipes and said headers and receiving the vapor from the vapor outlets in said headers, said container having an opening at its bottom leading into the first of said headers to return to the sloping pipes any liquid gasoline which escapes with the wild gas.

1,619,207. MACHINE FOR FORMING BLANKS FOR CORRUGATED-PAPER BOXES. JAMES F. JONES, Sewickley, Pa., assignor to The Consolidated Paper Company, Monroe, Mich., a Corporation of Michigan. Filed Jan. 24, 1925. Serial No. 4,367. 6 Claims. (Cl. 93—58.)



1. A machine for forming blanks for corrugated paper boxes, a plurality of pairs of shafts, scoring discs located on the shafts, the pairs of following scoring discs being located closer together than the leading discs, the shafts having a diameter substantially one half of that of the scoring discs, adjustable bearings for supporting the shafts, oiling rings for lubricating the shafts.

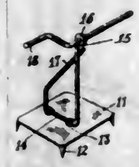
1,619,208. DISK CULTIVATOR. ROBERT KILLEFER, Los Angeles, Calif., assignor to The Killefer Manufacturing Company, Los Angeles, Calif., a Corporation of California. Filed May 12, 1924. Serial No. 712,639. 4 Claims. (Cl. 55—83.)



1. A cultivator comprising a front pair of frames, a draft bar, a member slidably mounted on the draft bar, a pair of bell crank levers, each being pivoted at the center

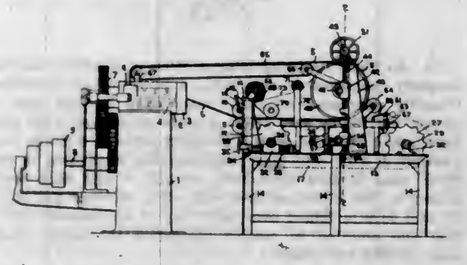
to the draft bar, and connected at their forward ends to the slidable member, and pivoted at their other ends to rods secured to the front frames, a slide frame, means for engaging the slide frame with the draft bar, and means adjustably secured to the slide frame for limiting the sliding extension of the draft bar within the slide frame.

1,619,209. DRILL. OSWALD LUSCHNIG, Nokomis, Ill. Filed Oct. 1, 1924. Serial No. 740,900. 2 Claims. (Cl. 255—46.)



1. A coal mining device comprising a base plate having hinged thereto a U-shaped member, one of the legs of this member being formed with an eye through which is passed the shank of a rotary drilling member, said shank having a collar fixed thereon against which the eye is adapted to bear, and also provided with a crank handle on its rear end, and the other leg of the U-shape member being extended in the form of a foot lever.

1,619,210. APPARATUS FOR FORMING ARTICLES FROM SHEETS OF MATERIAL. ALFRED A. MACLAREN, Boston, Mass. Filed Apr. 29, 1922. Serial No. 557,283. 17 Claims. (Cl. 18—4.)

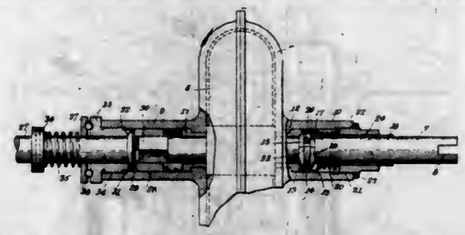


1. A machine for producing articles from rubber material which comprises means for working a heated mass of said rubber material and extruding therefrom a continuously moving sheet of said material, continuously moving means including skeleton cutting dies to receive said sheet as it is extruded, means for pressing said sheet against said dies having a surface moving with said sheet at substantially the same rate of speed and acting to force the material upon said cutting dies and sever the articles therefrom, means automatically operable to discharge the cut out articles downwardly through the dies and means for progressively returning the remainder of the sheet to the mass while in a heated condition to the means for working and extruding the material.

1,619,211. PUMP PACKING. JAMES D. MAXWELL, Brooklyn, N. Y. Filed May 13, 1925. Serial No. 29,967. 9 Claims. (Cl. 103—111.)
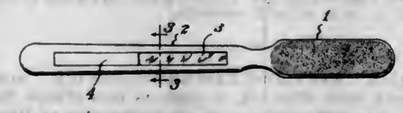
1. The combination with a rotary pump or the like, including a casing having a bearing and a shaft rotating therewith protruding therefrom, of a packing for said shaft comprising a conical shoulder on the shaft, and a conical seat for said shoulder at the end of said bearing forming with the shoulder, a valve, and a spring pressed sleeve surrounding the shaft and exerting pressure to hold said valving parts rotatably engaged, said sleeve having a conical end face and a corresponding conical shoulder on the shaft engaged thereby.

9. A packing for rotary pumps and the like comprising in combination with the rotary pump shaft and a hub provided with a bearing therefor, said bearing having a conical valve face at the outer end of the same, a non-rotating bushing surrounding said shaft, a nut surrounding said shaft bushing and supported by the hub, said bushing having a conical inner end, oppositely facing conical shoulders on the shaft and rotating therewith, one of said shoulders being engaged by the conical inner end of the bushing, the other of said conical shoulders



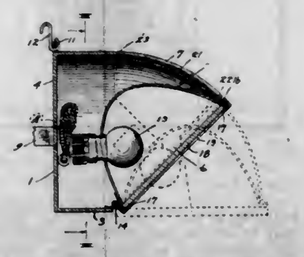
being in rotary valving engagement with the conical valve face in the outer end of the bearing and a spring surrounding the shaft bushing, said spring being acted on by the nut to adjustably hold the bushing yieldingly engaged with the outer shoulder on the shaft and the shaft thereby thrust over with the inner shoulder on the same in free sliding valving engagement with the conical valve face in the outer end of the bearing.

1,619,212. NOVELTY TOOTHBRUSH. STEPHEN A. NEEDERMAN, Dallas, Tex., assignor of forty per cent to Harry M. Smith, Dallas, Tex. Filed Aug. 28, 1925. Serial No. 53,017. 1 Claim. (Cl. 132—84.)



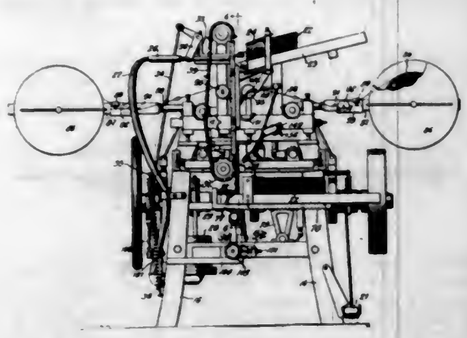
A tooth brush having an elongated handle with a recess therein of substantially the same configuration as the handle, a mirror formed in the handle below the recess and extending from one end of said recess to the medial portion thereof, and a protective covering for said mirror slidably arranged in said recess and of substantially half the length thereof, whereby said cover may be caused to expose said mirror.

1,619,213. LAMP. JOSEPH F. NENZEL, Reno, Nev. Filed Mar. 11, 1925. Serial No. 14,777. 1 Claim. (Cl. 240—41.)



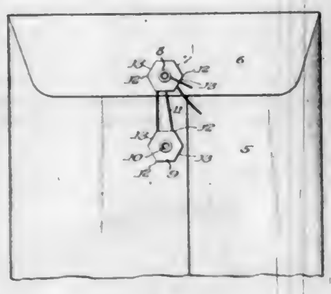
A miner's lamp comprising a housing having an opening in the front thereof, the upper forward part of said housing curving downwardly as it extends forwardly, said upper part extending forwardly of the base of the housing, a reflector set in said housing, said reflector being hinged at its lower forward edge to the lower forward edge of the base of the housing and closing the opening in said housing, and a hood secured to the top of the reflector, said hood pressing resiliently against the casing whereby it will maintain the reflector in a desired position relative to the casing.

1,619,214. MACHINE FOR PUNCHING AND REENFORCING BLANKS. ALBERT OLGAY, Glen Ellyn, Ill., assignor to Gaw O'Hara Envelope Co., Chicago, Ill., a Corporation of Illinois. Filed Feb. 5, 1923. Serial No. 617,181. 18 Claims. (Cl. 218—15.)



1. In a machine of the character described, the combination of means for feeding a succession of separate and unconnected blanks, means for supplying reenforcing disks for the blanks, means for automatically applying said reenforcing disks to opposite faces of each of said blanks, means for punching an opening through said disks and blanks, and means for automatically applying a metal eyelet to each of said openings.

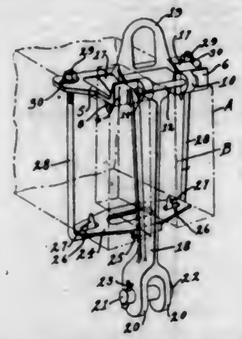
1,619,215. ENVELOPE-FASTENING DEVICE. ALBERT OLGAY, Glen Ellyn, Ill., assignor to Gaw O'Hara Envelope Company, Chicago, Ill., a Corporation of Illinois. Filed June 27, 1925. Serial No. 39,906. 3 Claims. (Cl. 229—77.)



2. An envelope and the like fastener comprising a button attached to one of two relatively separable parts of an envelope adapted to be joined by a cord, and a cord for connection to the other of said separable parts, said button having sides intersecting to form sharp corners for facilitating the entrance of a fastening cord therebeneath.

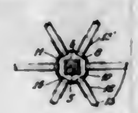
1,619,216. BEAM ADJUSTER. JAMES P. RATIGAN, Walnut Park, Calif. Filed Dec. 13, 1926. Serial No. 154,470. 9 Claims. (Cl. 74—5.)

1. A beam adjuster comprising a saddle provided with an opening therein extending to one edge of the saddle, means to secure the saddle to an operating member, a stem extending through the opening and provided with flanges



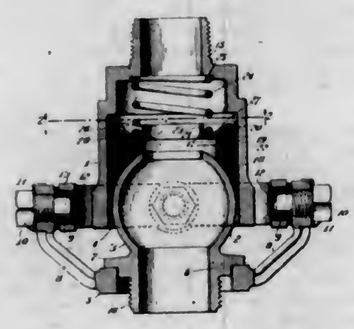
loosely seated on the saddle, and a pin movably mounted on the saddle and extending across the opening to prevent the stem escaping from the opening.

1,619,217. UMBRELLA. JAMES REID, New York, N. Y. Filed Aug. 24, 1922. Serial No. 583,964. 18 Claims. (Cl. 135—28.)



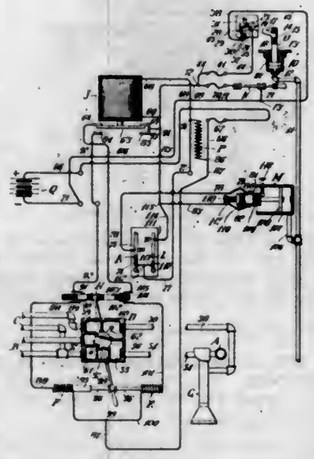
18. An umbrella comprising a stick, a plurality of ribs hingedly connected to said stick, a plurality of stretchers hingedly connected at their outer ends to said ribs, a runner carried by said stick, a plate associated with said runner and provided with a plurality of ears, a hinge ring associated with said plate and hingedly connected to the inner ends of said stretchers, certain of said ears being folded in one direction over said ring whereas the other of said ears is folded over said ring in an opposite direction and adapted to receive thereupon the latter hinge ends of said stretchers.

1,619,218. FLEXIBLE PIPE JOINT. EDWARD A. RUSSELL, Chicago, Ill., assignor to Vapor Car Heating Company, Inc., Chicago, Ill., a Corporation of New York. Filed Jan. 9, 1925. Serial No. 1,407. Renewed Jan. 25, 1926. 12 Claims. (Cl. 285—93.)



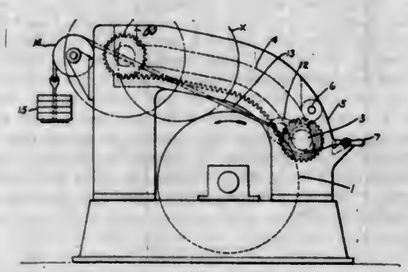
10. In combination with a flexible pipe connection of the ball and socket type in which a gasket bearing against the ball member is longitudinally movable within the socket member, a flexible wiper interposed between the gasket and the wall of the socket member to provide a seal between these members.

1,619,219. AUTOMATIC REGULATING APPARATUS FOR CAR-HEATING SYSTEMS. EDWARD A. RUSSELL, Chicago, Ill., assignor to Vapor Car Heating Company, Inc., Chicago, Ill., a Corporation of New York. Filed July 6, 1925, Serial No. 41,779. Renewed July 17, 1926. 25 Claims. (Cl. 236—36.)



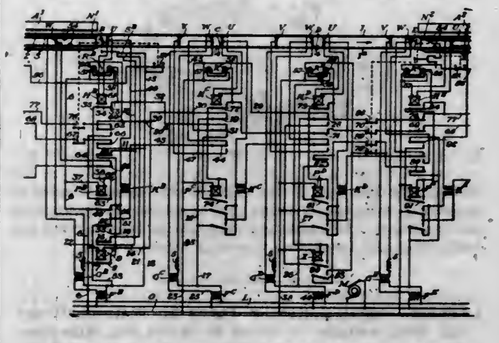
1. In combination with electrically operated mechanism for automatically maintaining the car at a lower temperature when out of service than when in service, a circuit breaker whereby said controlling mechanism may be rendered operative or inoperative at will while the car is in service without affecting the automatic operation of said mechanism when the car is put out of service.

1,619,220. WINDING MEANS. WILLIAM M. STOCKER, Woodhaven, N. Y., assignor to Cameron Machine Company, Brooklyn, N. Y., a Corporation of New York. Filed July 6, 1925. Serial No. 41,537. 10 Claims. (Cl. 242—65.)



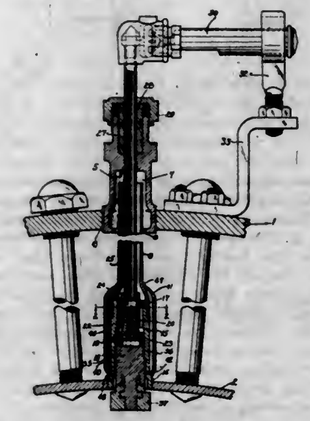
1. A winding machine including a surface winding means, a winding shaft to be placed in winding relation therewith, and guiding means for the shaft whereby the accumulation of material on the shaft causes it to progress over the surface of the winding means.

1,619,221. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HOWARD A. THOMPSON, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Sept. 2, 1924. Serial No. 735,236. 16 Claims. (Cl. 246—37.)



1. Railway traffic controlling apparatus comprising a stretch of track used by trains of two classes having different maximum braking distances, and means operating under unsafe traffic conditions to give a restrictive indication on an approaching train at one point or at another point in said stretch according as the train is of one class or the other.

1,619,222. LOW-WATER ALARM. HERMAN B. THURSTON, Cleveland Heights, Ohio. Filed Mar. 19, 1925. Serial No. 16,627. 14 Claims. (Cl. 122—504.1.)

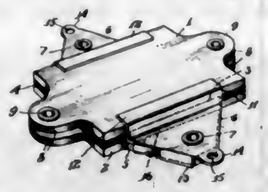


1. In a low water alarm, a member having a passage adapted to communicate with the steam space at one end and with an alarm device at the other, plug carrying means within the boiler and located adjacent the crown sheet, and a fusible plug carried by said means and normally interrupting said passage, means whereby heat is conducted from the fire space to said plug and an insulating means surrounding a portion of the plug carrying means and arranged to prevent water contact with said plug carrying means.

1,619,223. CONDENSER. HARRY R. VAN DEVENTER, New York, N. Y., assignor to Dubilier Condenser Corporation, New York, N. Y., a Corporation of Delaware. Filed May 17, 1924. Serial No. 714,140. 11 Claims. (Cl. 175—415.)

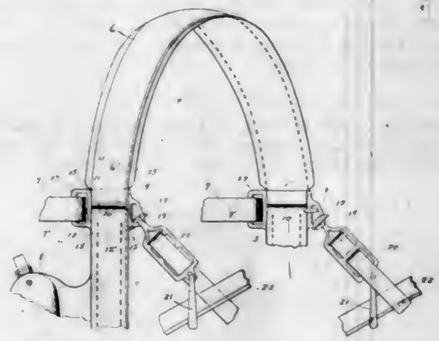
1. A condenser comprising a pair of face plates, insulating and conductive material disposed between said face

plates, means adjacent the opposite ends of the condenser and extending along the edges thereat for securing the plates together, and additional securing means passing



through the two face plates adjacent the opposite sides to co-operate with the securing means adjacent the ends of the condenser and cause the face plates to compress the conductive and insulating material between them.

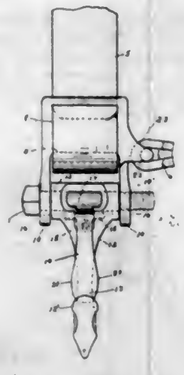
1,619,224. CROWN RING. JAMES M. WALSH, Milwaukee, Wis., assignor to James M. Walsh Co., Milwaukee, Wis., a Corporation of Delaware. Filed Feb. 7, 1925. Serial No. 7,589. 6 Claims. (Cl. 54—6.)



6. A crown ring consisting of a member provided with an elongated medial opening having its longest length extending horizontally for upward connection with a head strap and downward connection with a cheek strap, said member also having upper and lower edge extensions and medial tongues for supporting edge and medial portions of the straps while being sewed to the member, the forward and rearward edge portions of the member having eyes, the forward eye being of elongated form with the greatest length extending vertically for connection with a brow strap, and the rearward eye being approximately of egg shape with the larger diameter below for removably receiving a throat strap connector.

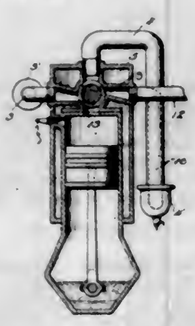
1,619,225. BREAST-STRAP SLIDE. JAMES M. WALSH, Milwaukee, Wis., assignor to James M. Walsh Co., Milwaukee, Wis., a Corporation of Delaware. Filed Feb. 7, 1925. Serial No. 7,592. 6 Claims. (Cl. 54—59.)

6. A breast strap slide, comprising a member having a U-shape slide portion and opposite side slotted portions above the plane of the U-shaped part to receive a breast strap, one edge portion of the member medially of its height having a transversely extending loop for receiving a martingale strap, lower parts of the slide portion having downwardly projecting eyed extensions, a bolt extending through one eyed extension and having a threaded engagement with the other eyed extension, a hook member pivotally mounted on the bolt between the eyed extensions and provided with a side opening in communication with the bore through which the bolt extends, said hook member also having recessed portions opening into the bore, a locking dog having trunnions which enter the recesses through the side opening to pivotally connect the dog to the hook member, said dog also having an inwardly extending projection and the hook member having a spring recess, and a coiled spring surrounding the projection



and extending into the last mentioned recess of the hook to yieldingly hold the dog in locking position, said dog and spring being detachable from the hook member when the bolt is partly withdrawn from the hook member.

1,619,226. ROTARY VALVE FOR INTERNAL-COMBUSTION ENGINES. THEOPHILUS D. WERBITZKY, Cleveland, Ohio. Filed Feb. 9, 1925. Serial No. 7,966. 1 Claim. (Cl. 123—80.)

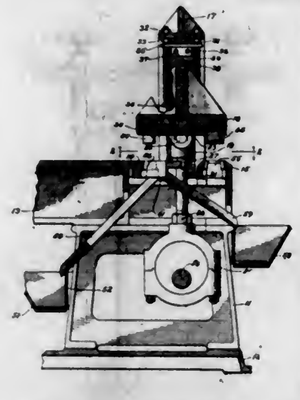


In combination with a cylinder of an internal combustion engine, a rotary valve casing adjacent and communicating with said cylinder, an air inlet leading into the casing, an exhaust port leading from the casing, a mixture inlet leading into the casing from the carbureter, and an air outlet leading from the casing to the carbureter, a rotary valve mounted in the casing, and ports in the valve so positioned that, under the rotation of the valve during the operation of the engine, an air current may pass into the air inlet through the valve and through the air outlet to the carbureter, whereby to cool and scavenge the valve.

1,619,227. BLANK-SHEARING APPARATUS. MAGNUS E. WIDELL, Cincinnati, Ohio, and FRANK RUDOLPHI, Montclair, N. J., assignors to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Jan. 21, 1922. Serial No. 530,776. 12 Claims. (Cl. 164—18.)

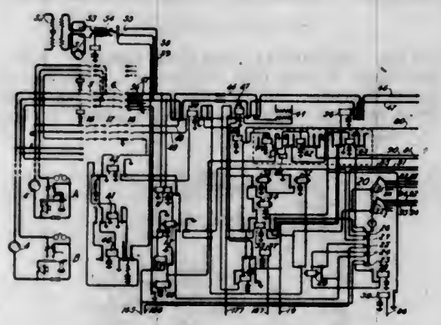
1. In an apparatus for cutting metal sheets to form blanks from which can ends and the like may be formed,

the combination of cutting dies elongated transversely to the direction of the feed of the sheets and having alternating wide and narrow portions for cutting the blanks into transverse strips, the latter containing waste portions, and dies arranged in line with the end portions of



the blank-cutting dies and operating in advance thereof at the sides of the sheets for cutting supplemental blanks from said waste portions of said sheets, said advance dies being arranged to be in line with said waste portions only at the moment of cutting.

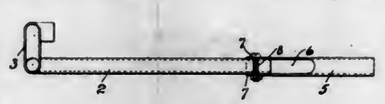
1,619,228. AUTOMATIC TELEPHONE HIGH-FREQUENCY TRUNK. SAMUEL B. WILLIAMS, Jr., Brooklyn, N. Y., and LEWIS M. CLEMENT, Mountain Lakes, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 1, 1920, Serial No. 370,476. Renewed Dec. 18, 1925. 168 Claims. (Cl. 179—2.)



1. The combination with two automatic telephone systems comprising telephone stations and automatic switches for interconnecting the same, of high frequency carrier telephone transmitting and receiving apparatus associated with each system, and means controlled by any station of one system for causing the operation of said high frequency apparatus to establish connection with any station of the other system.

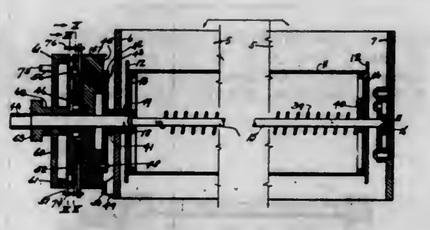
1,619,229. OIL-FEED CONSTRUCTION. FLOYD R. WOOD, Grand Rapids, Mich. Filed Jan. 4, 1923. Serial No. 610,626. 1 Claim. (Cl. 137—70.)

In combination with an engine, an oil tube having its rear end turned upwardly and adapted to receive oil, said tube extending downwardly and forwardly toward the front of the engine and terminating a distance short of the front of said engine, a member having an open upper side into which the front end of the tube passes



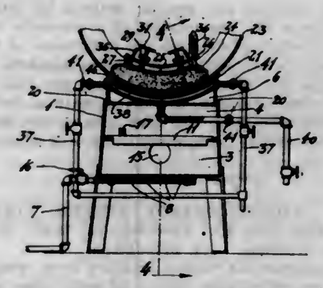
and adapted to carry oil from the tube to the front of the engine, said opening permitting application of an air hose to the front end of the tube on removal of the bottom plate of the engine whereby obstructions to oil flow in said tube may be forced therefrom.

1,619,230. CALCULATOR. JOHN E. WRIGHT, Mayfield, Ky. Filed Oct. 31, 1925. Serial No. 66,021. 6 Claims. (Cl. 235—86.)



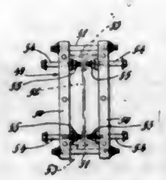
1. In a calculator, having a rotatable cylinder, a roller, a flexible web between said cylinder and said roller, said web bearing integrations, and means for rotating said roller and said cylinder, the combination of a disc rotatable by rotation of said cylinder and movable out of engagement therewith, said disc also bearing integrations, and means for returning said cylinder to initial position after advance rotation thereof and of said disc, while said disc remains in its advanced position.

1,619,231. VULCANIZER. ACHILLE A. RAFFETTI, Chicago, Ill. Filed Sept. 12, 1923. Serial No. 662,255. 13 Claims. (Cl. 18—18.)



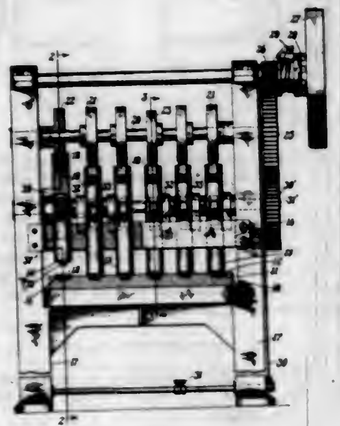
1. In a vulcanizer, the combination of a mould, a hot-air chamber for heating the mould, and means for cooling the same, said last-named means comprising a fluid-circulating conduit interposed between the hot-air chamber and the mould.

1,619,232. METHOD OF FABRICATING STRUCTURAL MEMBERS. MILO A. BAKER, Los Angeles, Calif. Filed Oct. 8, 1925. Serial No. 61,204. 11 Claims. (Cl. 29—155.)



1. The method of fabricating heavy columns, girders and other structural steel members having center web plates and angle iron flanges, consisting of placing said angle iron flanges against the center web plate of the column or girder, clamping said angle irons to said column or girder web plate in finished position, drilling holes collectively through and through said members while so held, driving rivets through said holes, and removing said clamps.

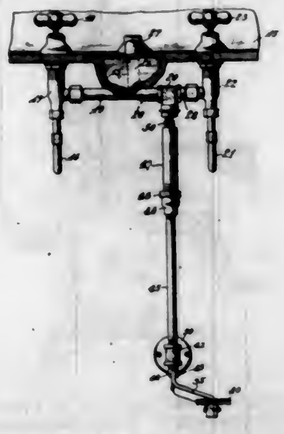
1,619,233. MACHINE FOR MAKING BUTTONS. LEON H. BEAN, New York, N. Y., assignor to Hollander-Langee, Inc., a Corporation of New York. Filed Aug. 3, 1922. Serial No. 579,317. 11 Claims. (Cl. 18—16.)



1. In a machine for shaping articles in which each article requires the consumption of a relatively long predetermined period of time for the completion of its shaping, a plurality of forming or shaping members, one for each article, and means for operating the same successively in timed relation without a waiting interval of time therebetween, and with each member stationary and active on the article for said relatively long predetermined period.

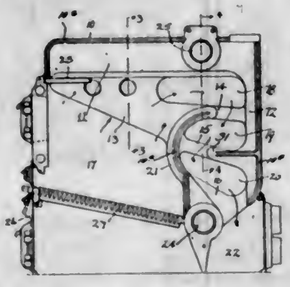
1,619,234. LIQUID-CONTROL SYSTEM. LESLIE W. BEEBE, Oak Park, Ill. Filed Oct. 15, 1925. Serial No. 62,535. 9 Claims. (Cl. 277—50.)

5. The combination with a lavatory bowl, sink, or the like, of a hot water pipe and a cold water pipe each having a hand valve therein operable from a place adjacent to the bowl, sink or the like, a hollow valve body to which said hot and cold water pipes are connected so as to discharge thereinto, the body having intake ports where said pipes respectively discharge thereinto, said valve body having a discharge opening and discharge pipe means leading therefrom to discharge into said bowl, sink or the like, valve means in said body for substantially simultaneously opening and substantially simultaneously closing said intake ports, means including a pedal adjacent to the floor for operating the valve means in said body to open said intake ports, and spring means for operating said last mentioned valve means to close said intake ports.



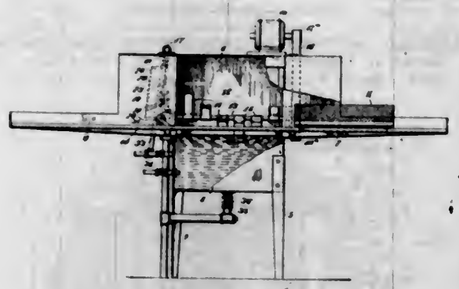
8. A device for controlling the mixing and discharge of liquids of different properties and which may be under different pressures, comprising in combination a pair of supply-controlling valves each adapted to be connected to a different source of liquid supply, a hollow discharge valve body, means forming an independent passageway from each of said valves to and into said discharge valve body, the discharge valve body having a discharge port for the mixed liquids and having an intake port associated with each of said passageway-forming means, said valve body having valve means operable from outside the body for substantially simultaneously opening and substantially simultaneously closing said intake ports.

1,619,235. SECTIONAL HEATING BOILER. JOHN B. BERNHARD, Warren, Ohio, assignor to Ironton Bernhard Boiler Company, Ironton, Ohio, a Corporation of Ohio. Filed Mar. 13, 1922. Serial No. 543,235. 3 Claims. (Cl. 122—223.)



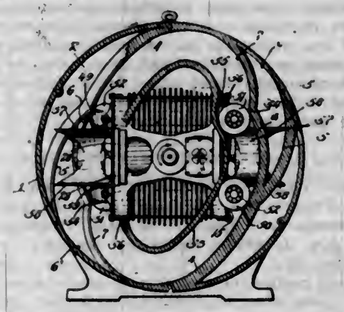
1. In a boiler of the type described, the combination with suitable side sections, of intermediate sections adapted to be clamped therebetween, each such intermediate section being provided with lateral ports for the free passage of water and steam and being formed with a vertical pedestal constituting a portion of the rear wall of the boiler, a member projecting forwardly from the upper end of said pedestal and constituting a portion of the top wall or crown-sheet of the boiler, an angularly related member of less transverse dimension than said top member and pedestal extending downwardly and rearwardly from the former to the latter, the rear portion of said angularly related member being branched where it joins said pedestal and having lateral extensions at the front of such branches to form a rearwardly curving back wall for the combustion chamber, a transverse closure including a hollow water-carrying chamber communicating with adjacent chambers, extending forwardly from the pedestal toward the concave side of such back-wall so as to form a circuitous passage through which the gases from such combustion chamber after rising to the top of the boiler are caused to pass downwardly and the openings between said branches and their adjacent chambers forming a series of connected combustion and heat absorption passage ways, of alternately enlarged and restricted size, and a flue-chamber located below the lowermost of such branches.

1,619,236. DISHWASHING MACHINE. GEORGE S. BLAKESLEE, Oak Park, Ill.; George R. Blakeslee executor of said George S. Blakeslee, deceased. Filed Aug. 16, 1920. Serial No. 403,760. 5 Claims. (Cl. 141—9.)



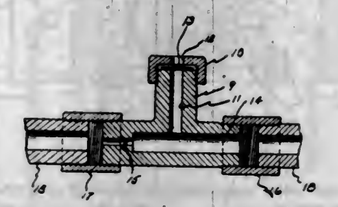
1. A dish washing machine comprising a tank, means for conducting the articles to be washed over said tank, means for throwing water from said tank upon such articles, an apron at the outlet end of the tank under the path of the articles, spraying means adjacent to the outlet end of said tank adapted to throw water laterally over said apron upon such articles and means located at the outlet end of the tank and actuated by the articles moving out from over the tank for operating said spraying means.

1,619,237. INTERNAL-COMBUSTION ROTARY MOTOR. GEORGE EDGAR BRAGG, Cincinnati, Ohio. Filed July 25, 1919. Serial No. 313,353. Renewed Nov. 29, 1924. 36 Claims. (Cl. 123—43.)



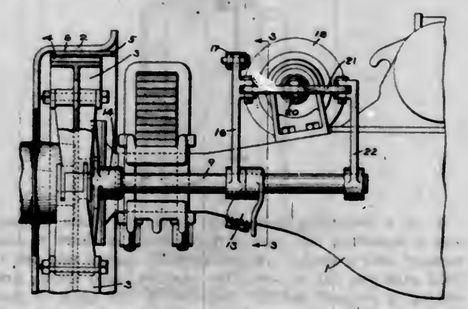
21. A rotary cylinder engine comprising a stator having a double cam track, one track comprising opposed portions which project substantially beyond the adjacent portion of the other track, a rotor comprising offset cylinders having opposing pistons, and rollers on said pistons, the adjacent rollers being disposed to follow different tracks throughout the rotation of the rotor, substantially as described.

1,619,238. CIRCULATING DRIP VENT. AUGUST BUSS, Detroit, Mich. Filed Apr. 13, 1925. Serial No. 22,769. 5 Claims. (Cl. 137—122.)



1. A circulating drip vent of the class described, comprising a T-shaped member having a bore formed in the arm thereof, said bore being reduced, adjacent the outer end of one of said arms, the stem of said T having a bore formed therein; a cap mounted on said stem and having an opening formed centrally thereof in registration with the bore in said stem, the base of said cap being normally spaced from the end of said stem; and a closure loosely positioned on the end of said stem, intermediate said cap and said stem, said closure being normally of larger diameter than the bore in said stem.

1,619,239. AUTOMOTIVE BRAKE DEVICE. CHRISTOPHER P. CASS, Berkeley, Calif., and JOHN F. CRAIG, Edgewood, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed May 25, 1923. Serial No. 641,403. 1 Claim. (Cl. 188—152.)

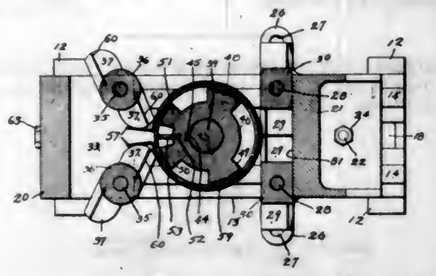


In a vehicle brake, the combination with a brake drum, brake heads mounted in said drum and having opposite pairs of adjacent free ends, and a cam for spreading each pair of free ends, of a shaft for operating each cam, an operating arm secured to each shaft, a link connected to one arm, an equalizing bar connected to the other arm, a third arm connected to said link and to said equalizing bar, and a fluid pressure operated member connected to said equalizing bar at a point intermediate the ends of the bar.

1,619,240. METHOD OF ASSEMBLING PISTON RINGS FOR FINISHING. MANUEL F. CORNEGO, St. Louis, Mo. Filed May 26, 1924. Serial No. 715,874. 2 Claims. (Cl. 29—89.)

1. The method of assembling split piston rings for finishing which consists in superimposing a plurality of split rings, applying an inwardly directed pressure adjacent the gap and at a point diametrically opposite the

same, applying inwardly directed pressure to the outer circumference of said rings, supporting the inward circumference of said rings at predetermined points against



collapse, and lastly subjecting the edges of said rings to a continuous pressure sufficient to hold the same in collapsed position during the finishing operation.

1,619,241. PEN LIFTER FOR RECORDING INSTRUMENTS. ARTHUR B. CUNNINGHAM, Chicago, Ill., assignor to Republic Flow Meters Co., Chicago, Ill., a Corporation of Illinois. Filed June 21, 1926. Serial No. 117,292. 10 Claims. (Cl. 234—1.)



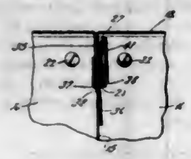
5. In a recording instrument having a chart support and a recording pen, means for securing a chart to said support, and a spring arm arranged to engage said pen to hold said pen out of operative position, said spring arm having a contact portion disposed in the path of said chart securing means to be operated thereby for releasing said pen when said chart securing means is moved to operative position.

1,619,242. LINGERIE CLASP. RENE E. DENMAN, Kansas City, Mo. Filed Oct. 21, 1926. Serial No. 143,283. 2 Claims. (Cl. 24—85.)



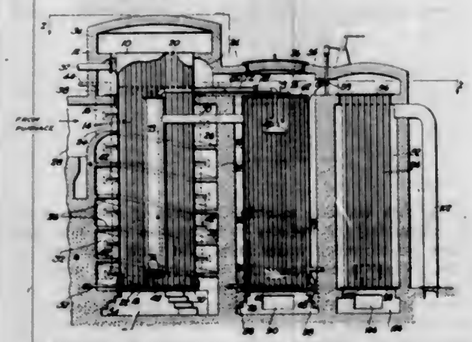
1. A lingerie clasp, comprising a composite pin and clasp arrangement formed integrally of a single continuous wire, one end of the wire forming the point of the pin and the opposite end forming a holding loop encircling the backs of the pin and clasp to hold the pin and clasp portions in position.

1,619,243. STOVE CONSTRUCTION. CLAUDE M. DIBBLE, Joliet, Ill., assignor to Moore Brothers Company, Joliet, Ill., a Corporation of Illinois. Filed Aug. 7, 1926. Serial No. 127,793. 14 Claims. (Cl. 126—39.)



1. In a stove structure, the combination of a door frame, a wall plate arranged to underlie a portion of said frame, and means on the frame for forcing said wall portion into a holding contact with the overlying part of said frame.

1,619,244. APPARATUS FOR GENERATING STEAM. HENRY L. DOHERTY, New York, N. Y. Filed Mar. 30, 1921. Serial No. 457,159. 8 Claims. (Cl. 122—7.)

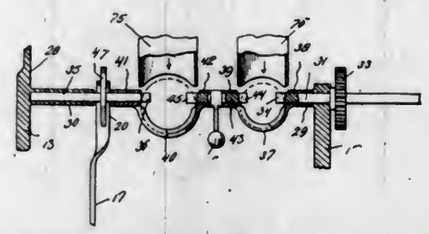


1. In an apparatus of the class described, an upright fire tube boiler and a furnace therefor, a feed water preheater, an inverted U-shaped conduit having one leg in the preheater and the other leg in the boiler, the last-named leg having its lower end turned upwardly, said end being located near the bottom of the boiler and substantially in the axis thereof, an open-ended tube extending upwardly from said upturned end and in vertical alignment therewith the top of the tube terminating short of the water line in the boiler, said boiler and furnace being so constructed and arranged as to produce a downward circulation of water within said open-ended tube, and a feed water pipe connecting the preheater with the upper portion of said tube.

1,619,245. VENDING MACHINE. WILLIAM F. DONATHAN, Poteau, Okla., assignor, by direct and mesne assignments, to Stephen J. Graham, Tuckerman, Ark. Filed Apr. 1, 1925. Serial No. 19,876. 9 Claims. (Cl. 194—85.)

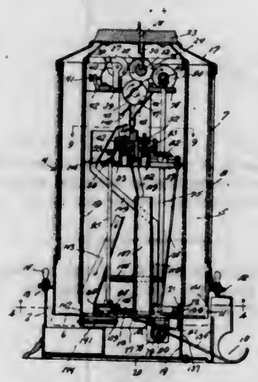
1. A coin control for actuating an ejector of a vending machine comprising in combination, a pair of spaced shafts, the inner opposed ends of said shafts being notched, a substantially semi-circular coin receiving member freely rotatable at its respective ends on said shafts, a coin chute having its discharge end disposed above the notched inner ends of the shaft, said shafts being

interlocked when a coin enters the notched inner ends of the shafts and is disposed in said coin receiving member, means operable by said shafts when the same



are interlocked for actuating said ejector, means for actuating the interlocked shafts, and means for returning the coin receiving member to its normal position.

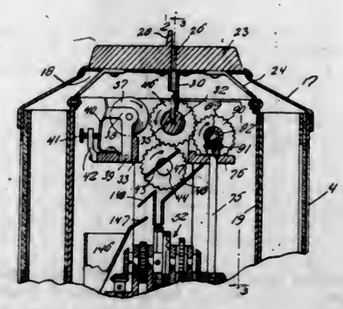
1,619,246. COIN-CONTROLLED VENDING MACHINE. WILLIAM F. DONATHAN, Memphis, Tenn., assignor to Stephen J. Graham, Tuckerman, Ark. Filed Nov. 30, 1925. Serial No. 72,375. 13 Claims. (Cl. 194—85.)



1. A coin control for an ejector actuating mechanism of a vending machine comprising in combination, a plurality of pairs of spaced aligned shafts, the inner opposed ends of each pair having complementary discs carried thereby, means arranged on the inner opposed faces of each pair of discs for spacing the same from each other, said means further providing a coin receiving pocket, a coin chute associated with each pair of shafts and having its discharge end disposed above the pair of discs for cooperation with said pocket, each pair of spaced aligned shafts being adapted to be interlocked independently by the insertion of a coin in the chute, said chute causing the coin to be disposed in said pocket, means for operatively connecting one shaft of each pair of shafts together, means for manually rotating the shafts when the same are interlocked, and additional means operatively connecting the shafts with the ejector actuating mechanism.

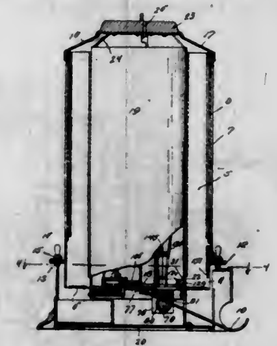
1,619,247. FRAUD PREVENTER FOR COIN-CONTROLLED DEVICES. WILLIAM F. DONATHAN, Winchester, Tenn., assignor to Stephen J. Graham, Tuckerman, Ark. Original application filed Nov. 30, 1925, Serial No. 72,375. Divided and this application filed Mar. 15, 1926. Serial No. 94,820. 11 Claims. (Cl. 194—100.)

1. A fraud preventing device comprising a rotatable shaft provided with a coin receiving pocket, a spring pressed roller supported adjacent the shaft and cooperating with the shaft to bend a slug placed in said



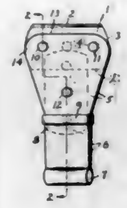
pocket when the shaft is rotated, and a deflector operatively associated with said shaft and disposed below the shaft and said roller.

1,619,248. VENDING MACHINE. WILLIAM F. DONATHAN, Winchester, Tenn., assignor to Stephen J. Graham, Tuckerman, Ark. Original application filed Nov. 30, 1925, Serial No. 72,375. Divided and this application filed Mar. 15, 1926. Serial No. 94,821. 2 Claims. (Cl. 211—8.)



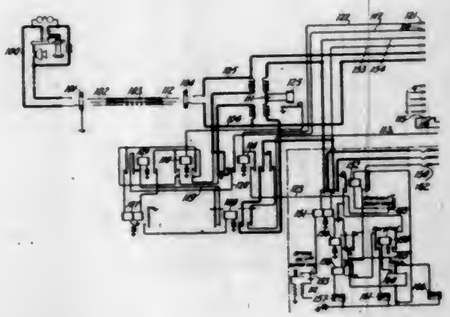
1. A vending machine comprising in combination, a base, a circular track extending upwardly therefrom, the upper edge of said track having notches formed therein at spaced intervals, a casing, a laterally extending flange formed on the lower end of said casing, said flange being disposed directly over the upper edge of the circular track and being provided at predetermined spaced intervals with openings, a grooved roller journaled in each of said openings and adapted to travel on the upper edge of the track to facilitate the rotation of the casing, said rollers and said notches cooperating to hold the casing in predetermined positions, a plurality of article holding magazines arranged on the inner wall of the casing, and a delivery chute at the side of the base, each magazine having a discharge opening therein, adapted to communicate with said delivery chute when positioned thereover.

1,619,249. BLADE HOLDER. LEE F. DUFF, Los Angeles, Calif. Filed Aug. 5, 1926. Serial No. 127,243. 2 Claims. (Cl. 30—25.)



1. A holder for a cutting blade which has opposite cutting edges and a pair of openings spaced lengthwise of the cutting edges, said blade holder having a pair of engaging means spaced transversely of the holder adjacent its outer end and adapted to engage the blade openings for positioning the blade with one of its cutting edges parallel to and projecting beyond the outer end of the holder, the holder also having a single engaging means medially of its width, adjacent its inner end and adapted to engage one of the blade openings with the other blade opening engaged by either of said pair of engaging means to position the blade with its opposite cutting edges projecting angularly beyond a side and the outer end of the holder respectively.

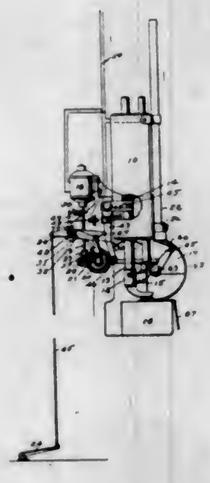
1,619,250. TELEPHONE-EXCHANGE SYSTEM. BERT G. DUNHAM, Hawthorne, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 16, 1925. Serial No. 62,725. 14 Claims. (Cl. 179—27.)



1. In a telephone system a selective switch, a switch controlling circuit, means for transmitting impulses over said circuit to control said switch, and means for counting the impulses transmitted comprising a set of counting relays including optional pairs of relays for a particular impulse or series of impulses the choice being dependent upon the number of impulses in a series.

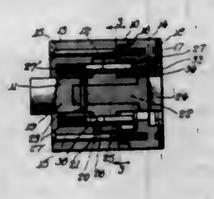
1,619,251. LAUNDRY MARKING-TAG-ATTACHING MACHINE. ALEXANDER L. FAUST, Cincinnati, Ohio, assignor to National Marking Machine Company, Cincinnati, Ohio, a Corporation. Filed Aug. 23, 1921. Serial No. 494,682. 10 Claims. (Cl. 112—104.)

1. In a device of the class described, the combination of a container designed to hold a series of disconnected independent tags arranged one above the other, a device for withdrawing the tags one at a time from the container and for moving them to position resting upon a garment to be marked, said device including a pointed



finger to engage and penetrate the under surface of the tag, and means automatically actuated upon a movement of said tag withdrawing device for securing the tag to a garment.

1,619,252. TUMBLER LOCK. HARRY F. GEORGE, Chicago, Ill. Filed Dec. 12, 1921. Serial No. 521,607. 18 Claims. (Cl. 70—47.)

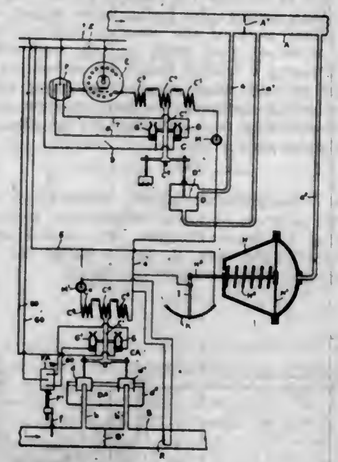


1. A tumbler lock having a plurality of tumblers arranged parallel with one another, a barrel including an annular member of hardened steel, a rotatable plug including a protecting member of hardened steel, said barrel and said plug providing between them an annular space communicating with said tumblers, said barrel having a portion including a non-corrosive member for overlying and forming an abutment for a portion of the end of each of said tumblers.

1,619,253. FLOW-CONTROLLING APPARATUS. GEORGE H. GIBSON, Montclair, N. J. Original application filed June 3, 1920, Serial No. 389,303. Divided and this application filed Aug. 10, 1923. Serial No. 656,765. 7 Claims. (Cl. 236—24.5.)

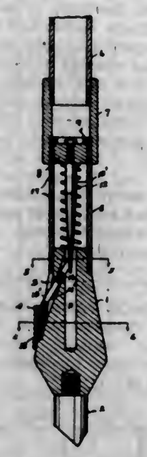
1. In apparatus for maintaining a definite ratio between the strength of an electric current and a fluid rate of

flow, the combination with a differential pressure motor actuated by the flowing fluid, of an electro-dynamic motor



actuated by said current and opposing the action of the first mentioned motor, and means responsive to a physical condition of the fluid flowing for modifying the said ratio.

1,619,254. SPEAR. CLYDE HART, Humble, Tex., assignor of one-half to John G. Carr, Harris County, Tex. Filed Apr. 1, 1926. Serial No. 99,122. 4 Claims. (Cl. 294—86.)



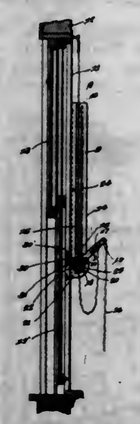
1. A spear including a mandrel having a downwardly flared portion provided with tracks, pipe engaging jaws mounted to slide on said tracks and whose outer sides are formed with teeth, said mandrel having a deep socket therein forming a bearing, a cylinder associated with the mandrel, a plunger in the cylinder, a stop carried by the cylinder adapted to limit the upward movement of said plunger, an actuating rod carried by the plunger and working in said socket, a coil spring surrounding said rod and interposed between the upper end of the mandrel and the plunger, said mandrel having downwardly diverging slots leading from said socket through said mandrel, links working through said slots and pivoted at their lower ends to the corresponding jaws and whose upper ends are in operative connection with said rod, each link having a lengthwise slot therethrough forming a bearing and a pintle point fixed to said mandrel and working through said bearing.

1,619,255. SOCKET WRENCH. HOBART F. HAYNES, Syracuse, N. Y. Filed Nov. 5, 1925. Serial No. 67,073. 3 Claims. (Cl. 81—185.)



1. A socket wrench comprising a tubular body having the forward end portion of its bore constituting a nut-receiving socket, a sleeve slidable longitudinally upon said body and having the forward end portion of its bore constituting a socket to receive a nut when the sleeve is projected from the body, the rear end portion of said sleeve being formed with a longitudinally extending slot and said body having an opening registering with the slot, a handle having a shank fitted into the rear end portion of said body, a fastener carried by said shank and extending through the opening and slot to hold the handle in place and limit sliding of the sleeve, a socket member slidable longitudinally in the forward end portion of said body and formed with a longitudinally extending groove closed at its ends, a tongue struck from said body and bent inwardly into said groove to limit sliding of the socket member, and a spring in said body confined between th socket member and forward end of said shank and serving to yieldably resist inward movement of the socket member.

1,619,256. WINDOW ATTACHMENT. CHARLES M. HEUBLEIN, Chicago, Ill. Filed Feb. 2, 1926, Serial No. 85,585. Renewed Nov. 26, 1926. 16 Claims. (Cl. 156—33.)

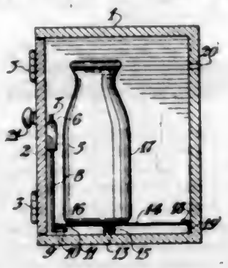


2. The combination with a movable window sash of a window construction and a curtain for the window construction, of a supporting member movable through an arc of a circle in engagement with a portion of the window curtain for raising the window curtain upon movement of the movable sash, operating means movable with the sash, and a connection between the operating means and the supporting member.

1,619,257. SAFETY DELIVERY RECEPTACLE. CHARLES E. HOFFMAN, Richland, Wash. Filed June 12, 1926. Serial No. 115,477. 1 Claim. (Cl. 232—41.)

In a device of the kind described, the combination with a cabinet, a door hingedly mounted on the said cabinet, and false bottom pivoted in the said cabinet, of a locking

means comprising a lock; a lock bolt provided in the said lock and adapted to advance upwardly from the said lock; a bell crank pivoted on the said door; a right angularly projecting finger provided on the upper arm of the said bell crank; the said projecting finger being adapted to engage the said lock bolt when the said lock bolt is advanced upwardly from the said lock; a right angularly

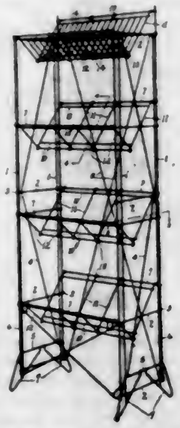


projecting finger provided on the lower arm of the said bell crank; an inclined or cam shaped face provided on the second mentioned projecting finger so as to form a hook; a downwardly projecting lip positioned on the forward edge of the said false bottom; the said lip being adapted to engage the said hook whereby the said door may be latched to the said false bottom.

1,619,258. INSECTIFUGE. SIDNEY L. HOOVER, St. Louis, Mo., assignor of one-half to H. Fancourt Miller, St. Louis, Mo. Filed Mar. 12, 1926. Serial No. 94,321. 3 Claims. (Cl. 99—1.)

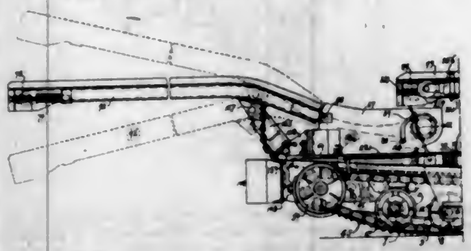
1. The method of protecting dried food-stuffs against becoming infested with vermin, consisting in treating them with an insectifuge made of berries of the Sapindus marginatus tree.

1,619,259. RACK. CHARLES H. JARVIS, Battle Creek, Mich., assignor to United Steel and Wire Company, Battle Creek, Mich. Filed Mar. 5, 1926. Serial No. 92,444. 8 Claims. (Cl. 211—14.)



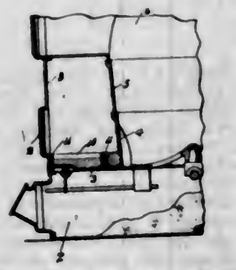
1. In a collapsible rack, the combination of end members comprising uprights and cross pieces secured to said uprights with their ends projecting beyond the same and provided with horizontally disposed eyes and diagonally disposed crossed braces secured to said cross pieces, side members comprising end uprights pivotally engaged in said eyes and longitudinal pieces connecting said uprights, and diagonally disposed crossed braces connecting said side member uprights and secured to said longitudinal pieces at the crossing points thereof, and shelf members arranged in coacting pairs, said shelf members comprising longitudinal pieces and cross pieces, the cross pieces having eyes at the outer ends thereof pivotally engaging the longitudinal pieces of the side members, the cross pieces of one of the coacting pairs of shelf members being provided with downwardly facing hooks engageable with a longitudinal piece of the coacting shelf member providing a V-shaped shelf when erected, said shelf members constituting a bracing means for preventing the collapsing of the rack when engaged and being adapted to swing to an approximately vertical position when disengaged permitting the collapsing of the side and end members upon each other.

1,619,260. LOADING MACHINE. JOSEPH F. JOY, Franklin, Pa., assignor, by mesne assignments, to Joy Manufacturing Company, Franklin, Pa., a Corporation of Delaware. Filed Aug. 2, 1924. Serial No. 729,833. 10 Claims. (Cl. 198—11.)



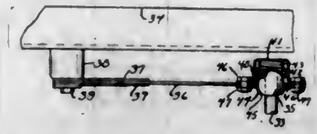
1. In a coal loading machine, in combination, an automotive organization comprising among its elements a carrying and mounting structure consisting of a single, rigid frame, suitable propelling mobility means for said organization upon which said frame is rigidly mounted, a single power unit carried by said frame adapted to supply power for the operation of said automotive organization and the various operating elements of said machine, a delivery conveyor carried upon and wholly supported by said frame adapted and operable by power derived from said power unit to deliver coal to a car, a gathering and elevating conveyor carried upon and wholly supported by said frame adapted and operable by power derived from said power unit to gather coal from the floor of a mine and to transfer same to and upon said delivery conveyor, and directing and adjusting means, operable by power derived from said power unit adapted to advance, direct and adjust said gathering and elevating conveyor into gathering relation to the coal to be gathered and elevated thereby.

1,619,261. FURNACE-WATER-PAN CONSTRUCTION. JOHN P. KOLLA, Holland, Mich., assignor to Holland Furnace Company, Holland, Mich., a Corporation of Michigan. Filed Apr. 13, 1925. Serial No. 22,514. 3 Claims. (Cl. 126—113.)



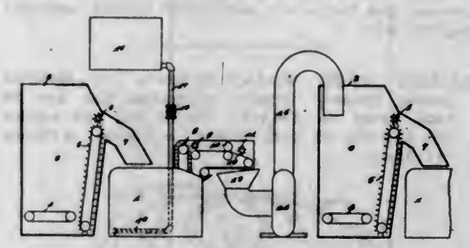
1. In combination with a furnace having an ash pit shell including a forward extension thereto having substantially vertical sides and a top between the upper edges of said sides, of a water pan disposed above said forward extension and wherein the top of said extension constitutes the bottom of the said water pan, integral spaced apart sides and integral spaced apart front and rear ribs being cast with said top of said forward extension to complete the pan, substantially as described.

1,619,262. BRAKE. VINCENT LINK, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed July 2, 1926. Serial No. 120,126. 9 Claims. (Cl. 188—194.)



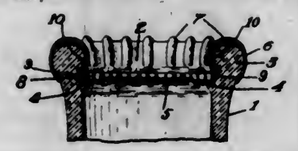
4. In a motor vehicle, braking means for a wheel thereof, a brake-operating shaft extending inwardly therefrom and terminating in a ball end, and means for supporting the inner end of said shaft from the frame of said vehicle comprising a leaf spring rigidly secured to said frame at one end and provided with a socket for receiving said ball end of said shaft at its other end.

1,619,263. DYEING AND OXIDIZING MACHINE. JONES C. MCFALLS, Romona Mills, N. C. Filed Aug. 4, 1924. Serial No. 730,010. 2 Claims. (Cl. 8—19.)



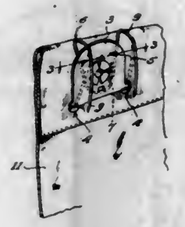
1. In a cotton oxidizing and dyeing apparatus the combination of dye vats, a feed hopper for each of said vats having upright and horizontally disposed aprons for conveying cotton through the hopper, a spout discharging from said hopper into one of said vats and into which the cotton is delivered by said apron, a fan located between the vats and equipped with a hopper to receive cotton from one vat, and a discharge spout to deliver it to the next hopper.

1,619,264. CLOSURE FOR CONTAINERS. CLAUDE IVES MCLAINE, Boston, Mass., assignor to Seal-Kap Company, Natick, Mass., a Corporation of Massachusetts. Filed Jan. 22, 1923. Serial No. 614,158. 2 Claims. (Cl. 215—38.)



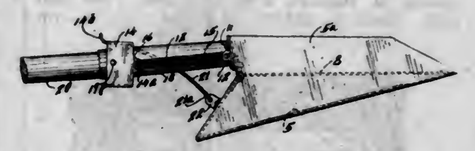
1. In combination with a container having an internal annular recess about its mouth, of a conformable closure engageable therewith, and a corrugated locking member disposed against said closure adjacent said recess.

1,619,265. SLIP-COVER FASTENER. GEORGE ROLAND MIDDLETON, Tampa, Fla. Filed Oct. 18, 1926. Serial No. 142,378. 3 Claims. (Cl. 24—150.)



1. A slip cover fastener comprising a head, a plate secured to the head, said plate having tongues carried thereby, a fastening member including a loop and pins, the loop being secured to the plate by the tongues to hold the pins in overlaying relation with respect to the plate.

1,619,266. ASH-SIFTING SHOVEL. ADOLPH H. MILLER, Minneapolis, Minn. Filed June 9, 1926. Serial No. 114,646. 7 Claims. (Cl. 209—419.)



1. An ash sifting shovel having the top compartment with a perforated bottom and open at its top and front end, a lower compartment with a fixed imperforate bottom, a handle extending from the rear of said shovel above said lower compartment, a rearwardly swinging door at the rear end of said lower compartment and means for opening and closing said door.

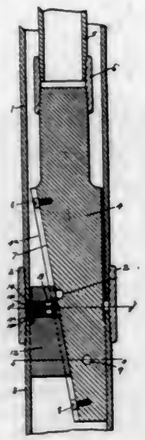
1,619,267. METHOD OF PRODUCING CALCIUM ARSENATE. HUGH K. MOORE, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a Corporation of Maine. Filed Feb. 14, 1925. Serial No. 9,352. 6 Claims. (Cl. 23—53.)

5. A process of forming calcium arsenate, which comprises adding arsenious acid in finely divided form to the constantly changing surface of a rapidly agitated liquor containing calcium hydroxide and an agent capable of furnishing nascent oxygen to react with the arsenious acid and calcium hydroxide to produce calcium arsenate.

1,619,268. CASING WEDGE. CHESTER A. RASMUSSEN, Long Beach, Calif., assignor of one-half to Charles R. Butler, Long Beach, Calif. Filed Feb. 12, 1925. Serial No. 8,638. 5 Claims. (Cl. 255—35.)

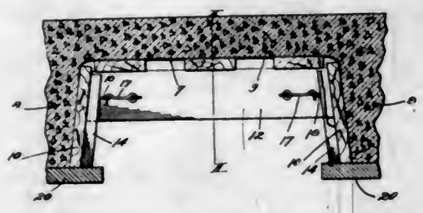
4. In a device of the character referred to, in combination, a body having a tapering portion, a wedge element moving thereon and connected therewith, a body extension member detachably connected with said body to

adapt it to larger casing, means carried by said wedge element, and adapted to interlock with said well casing



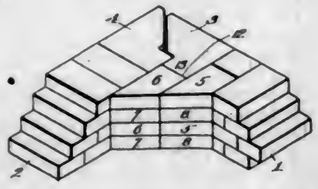
whereby said wedge element is stopped and said body moves relative thereto and forces said wedge element into biting engagement with said casing.

1,619,269. SEMIMETALLIC FLEXIBLE FORM FOR FLOOR DOMES. HENRY READ, Kansas City, and SAMUEL M. HIGGINS, Webb City, Mo. Filed Sept. 7, 1926. Serial No. 133,771. 5 Claims. (Cl. 25—131.5.)



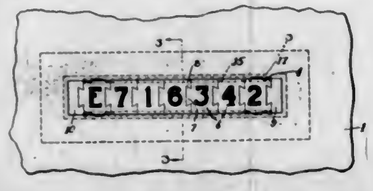
1. A form structure for concrete floor work, comprising a flexible crown sheet, spaced longitudinal reinforcing members secured to one face of said sheet, rigid side supporting members attached to the side margins of said sheet and in spaced relation to said reinforcing members, and rigid brace members carried by said supporting members in supporting engagement with said reinforcing members.

1,619,270. CORNER-FILL FURNACE-WALL CONSTRUCTION. GEORGE P. REINTJES, Kansas City, Mo. Filed Oct. 18, 1926. Serial No. 142,358. 5 Claims. (Cl. 72—39.)



1. The combination with intersecting walls composed of conventional brickwork courses, of two sets of corner filling tiles, one set bonding with each wall and projecting inwardly thereof, the tiles of the filling courses corresponding in thickness to the elements of the brickwork courses; each filling tile set bearing an overlapping relation where inward of the respective wall, with the corresponding portion of the filling tiles of the next lower course of the other wall.

1,619,271. IDENTIFICATION DEVICE FOR VEHICLES. HUGH C. ROSS, Toledo, and HARRY W. FALCONER, near Perrysburg, Ohio; said Ross assignor to said Falconer. Filed Apr. 8, 1926. Serial No. 100,492. 1 Claim. (Cl. 40—2.2.)



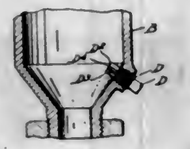
An identification device for vehicles comprising in combination with a vehicle part, a casing fixed to said part and having an opening, a plurality of identification blocks in said casing visible through said opening, said casing having opposed recesses and said blocks having opposed grooves registering with said recesses, leaf springs loosely disposed in said registering grooves and recesses for preventing removal of said blocks from the casing, and means for securing said blocks in assembled relation, said means comprising a twisted wire extending through said blocks and cementitious material surrounding said wire.

1,619,272. TREE. WILLIAM ORMISTON ROY, Montreal, Quebec, Canada. Original application filed Apr. 26, 1920, Serial No. 376,444. Divided and this application filed Feb. 16, 1922. Serial No. 536,856. 4 Claims. (Cl. 47—1.)



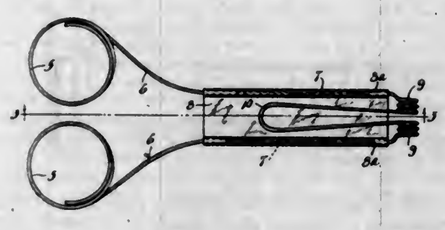
2. A self supporting tree trunk, the fibers of the main crown-crotch of which, due to artificial training, are normally compressed and drawn together.

1,619,273. INSPECTION PLUG. GEORGE H. SARGENT, Chicago, Ill. Filed Oct. 19, 1925. Serial No. 63,487. 14 Claims. (Cl. 137—111.)



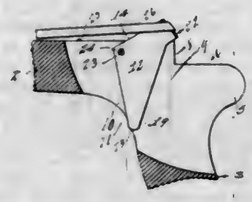
2. In combination with a liquid container through which liquid passes, an inspection hole and a plug located therein, said plug provided on its inner end with a portion having a receiving depression within it.

1,619,274. COW-TAIL TIE. GURNEY L. SHORT, Angus, Minn. Filed June 9, 1926. Serial No. 114,871. 4 Claims. (Cl. 119—105.)



1. A cow tail tie comprising a single resilient wire or rod having its ends formed into loops respectively opposed at their sides and adapted to embrace a cow's leg between said sides, said wire having substantially parallel portions extending at one side of said loops, means rigidly secured to and spacing said portions, said wire beyond said portions being bent to form springs and having a loop portion extending from said spring and cooperating with said means to form a hook for clasping the tail of the cow.

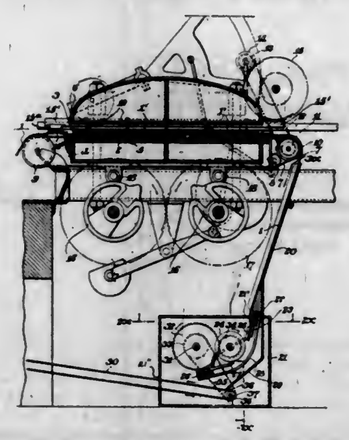
1,619,275. TOY GUN. DOUGLASS M. SMITH, Walla Walla, Wash. Filed Dec. 12, 1925. Serial No. 74,976. 2 Claims. (Cl. 124—14.)



1. In a toy gun, a barrel portion and a grip, united to form a stock, a breech formed on said barrel portion, said barrel portion and grip being arranged to form an angle at their juncture, to provide for forming an action slot and a trigger aperture in said stock with a single cut of a saw and a single piece action mounted in said slot and comprising a plate having wings, and foldable on its central axis to provide a smooth trigger face, and a reinforced hammer, said wings being foldable in opposed directions to provide a hammer head, said hammer head being arranged to normally rest adjacent to said breech.

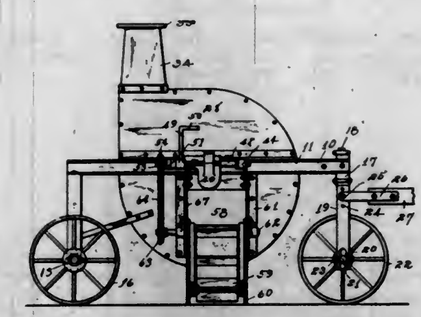
1,619,276. SHEET-LINOLEUM DISINTEGRATOR. JOHN TAMBERLIN, Philadelphia, Pa., assignor to The George W. Blabon Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 2, 1920. Serial No. 421,278. 2 Claims. (Cl. 83—6.)

1. In a machine of the character described, the combination of a sheet conveyor, a slotted member to which a sheet is delivered by said conveyor, and a disintegrator comprising a revoluble member having fingers movable through the slots in said slotted member, said fingers being so shaped as to engage a sheet on the slotted member substantially at right angles to the surface thereof,



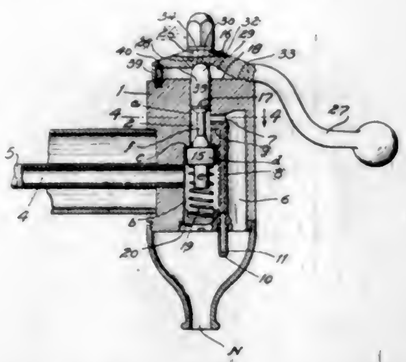
said slotted member and revoluble member cooperating to shear the sheet without substantial pull thereon longitudinally.

1,619,277. PORTABLE PNEUMATIC ELEVATING DEVICE. WILLIAM B. THIEMANN, Albert City, Iowa. Filed Oct. 17, 1922. Serial No. 595,104. 4 Claims. (Cl. 302—37.)



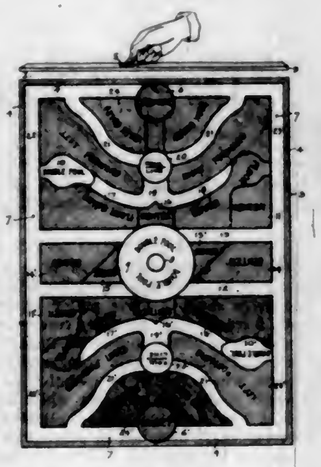
1. In a device of the class described, a cylindrical blower casing, a drive shaft passing through said casing, a fan on said drive shaft, a drive pulley on one end of said drive shaft, a second shaft arranged transversely to the other end of said drive shaft, means for imparting movement from said drive shaft to said transversely arranged shaft, a sprocket wheel rotatively mounted on one end of said transverse shaft, said sprocket wheel including a clutch member, a second clutch member slidably mounted on said transverse shaft designed to coact with the first said clutch member, means for yieldingly holding said clutch members normally in contact, a rotatable member mounted on said transverse shaft for moving said second clutch member out of engagement with said first clutch member, an arm mounted on said rotatable member, a second transverse shaft parallel with said transverse shaft, a conveyor pivotally mounted on said second shaft and capable of movement from a horizontal to a vertical position, a sprocket wheel mounted on one end of said second transverse shaft, a chain for said sprocket wheels, and said members being so arranged that when the conveyor is moved from a horizontal to a vertical position the operation of the said conveyor is stopped.

1,619,278. BEVERAGE-DISPENSING APPARATUS. JOHN M. TRAVIS, St. Louis, Mo. Filed Aug. 6, 1926. Serial No. 127,619. 7 Claims. (Cl. 225—26.)



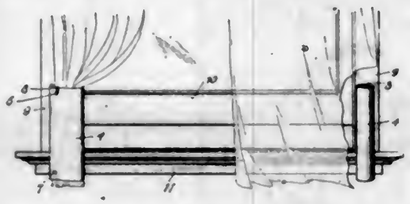
1. A faucet comprising a casing, said casing having a syrup port and a water port, a source of syrup supply and a source of water supply, a valve chamber disposed between the syrup supply and port and a valve chamber between the water supply and port, valves in said chambers for controlling the fluid flow to said ports, an auxiliary water port, and means for acuating said valves to simultaneously open communication between the fluid sources and ports or between syrup source and port, and water source and auxiliary water port.

1,619,279. BASKET-BALL GAME. ERVIN C. WAGNER, Indianapolis, Ind. Filed Sept. 17, 1926. Serial No. 136,142. 8 Claims. (Cl. 273—85.)



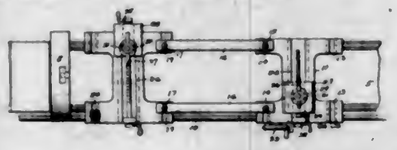
1. The combination, with a manually controlled projectile, of a board having one or more goal spaces toward and into which the projectile is shot, a plurality of other defined spaces from which the projectile may be progressively projected toward the goal, and other defined spaces separating those of the first from each other and wherein the stopping of the projectile forfeits the right to shoot next to the opponent of the player who shot last and foul spaces partly bordering the other two.

1,619,280. WINDOW-CURTAIN PROTECTOR. MARY EDITH WHEELER, Evanston, Ill. Filed Jan. 23, 1924. Serial No. 687,911. 4 Claims. (Cl. 156—83.)



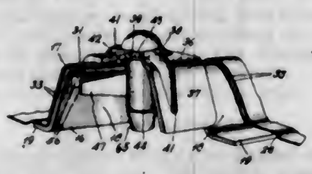
1. As a new article of manufacture, a curtain protector comprising a rectangular sheet adapted to be folded about a hanging curtain into an elongated tubular casing open at both ends, fastening means for retaining the sheet in said form, and means for suspending the casing thus formed in a substantially vertical position.

1,619,281. MULTIPLE CARRIAGE LATHE. JAY C. WHITE, New Castle, Pa. Filed Mar. 1, 1926. Serial No. 91,397. 4 Claims. (Cl. 82—2.)



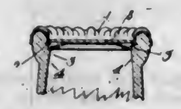
1. In a lathe, an elongated bed, a tail stock and rotative chuck mounted at spaced points upon said bed, a main carriage mounted to travel longitudinally of the bed between the chuck and tail stock, power means constituting a part of the lathe mechanism for causing the main carriage to reciprocate longitudinally upon the bed, a cutting tool upon the main carriage, an auxiliary carriage mounted to travel upon the bed, detachable connecting means extending between the two carriages whereby movement of the main carriage is transmitted to the auxiliary carriage and a cutting tool upon the auxiliary carriage both of said cutting tools being adapted to act simultaneously upon the same piece of work extending between the chuck and tail center, said auxiliary carriage being actuated wholly by and in unison with the main carriage through said connecting means.

1,619,282. CAR-ROOF CLAMP. THERON H. WILLIAMS and WILLIAM WRIGHT, Chicago, Ill., assignors, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill., a Corporation of Delaware. Filed Jan. 6, 1925. Serial No. 886. 13 Claims. (Cl. 105—5.4.)



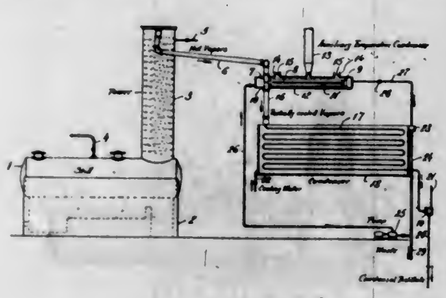
1. A car roof construction involving side plates, carlines extending across the car from side plate to side plate and secured thereto, said carlines having a substantially flat top web and depending outwardly flaring sides, roof sheets extending across the car from side plate to side plate, the sides of the roof sheets terminating in upwardly directed inverted channel portions, said portions consisting of a top web and depending outwardly flaring sides arranged in lapped formation over the top web and depending sides of the carline, and clamps positioned over said upwardly projecting portion of said carlines and the upwardly directed portions of the sides of said roof sheets, said clamps having a top web and depending outwardly flaring sides, the sides of said clamps pressing the sides of said upwardly projecting portion of said roof sheets immovably down on the side of the carlines, the web of said clamps having an aperture therein, a bolt having a portion of reduced diameter, said reduced portion fitting in the aperture in the web of said clamp and the upper end of said reduced portion being riveted down on top of said web, said bolt having a slot therein, and a wedge positioned in said slot, the top edge of said wedge engaging the web of said carline and the bottom edge of said wedge engaging the bottom of said slot.

1,619,283. BOTTLE CAP. EWALD G. BAUM, Natick, Mass., assignor to Seal-Kap Company, Natick, Mass., a Corporation of Massachusetts. Filed Mar. 21, 1924. Serial No. 700,836. 5 Claims. (Cl. 215—38.)



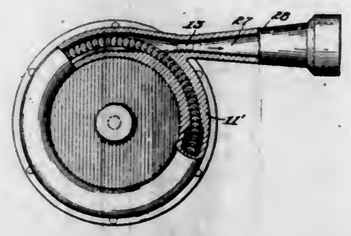
1. A bottle cap having a bore covering portion terminating in an upwardly inclined, annular portion to engage and be closely conformed to the usual internal annular ledge adjacent to the mouth of a milk bottle and extended downwardly beyond the face of the ledge to form a sealing contact beneath it and serve as a sealing gasket therefor.

1,619,284. EVAPORATIVE CONDENSER. JOHN E. BELL, Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Oct. 29, 1924. Serial No. 746,471. 16 Claims. (Cl. 257—24.)



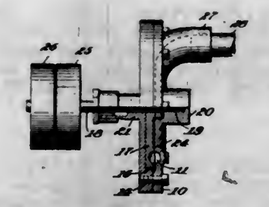
1. An improved method of cooling and condensing distillate vapors from oil stills, which comprises bringing the hot vapors escaping from the still into indirect heat exchanging relation with a relatively small volume of water maintained at its boiling point and vaporizing the water, passing a current of air in contact with said water to aid vaporization, and further cooling and condensing the distillate vapors by heat exchange with a relatively large volume of cooling water without substantial vaporization thereof.

1,619,285. PUMP. ARTHUR W. BURKS, Decatur, Ill. Filed Feb. 14, 1921, Serial No. 444,830. Renewed Jan. 15, 1927. 20 Claims. (Cl. 103—96.)



1. A pump comprising a rotor having an annular marginal series of blades positioned on a lateral face thereof, said blades having unshrouded ends whereby the spaces between the blades are open at the ends of the blades, and a casing having a fluid raceway enclosing said series of blades, there being a space within the raceway between the ends of the blades and the wall of the raceway.

1,619,286. PUMP. ARTHUR W. BURKS, Decatur, Ill. Filed June 1, 1921. Serial No. 474,120. 44 Claims. (Cl. 103—96.)



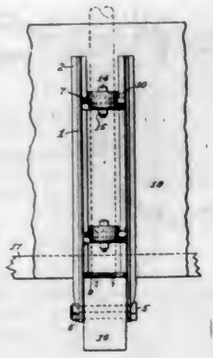
1. A pump comprising a rotor having an annular marginal groove, a plurality of blades in said groove, the walls of the groove closing the spaces between said blades at the sides of the blades, and a plurality of sealing ribs adjacent the groove adapted to co-operate with complemental ribs on a rotor casing.

1,619,287. HOSE-REPAIR CLAMP. THOMAS E. CHARTER, Cedar Rapids, Iowa. Filed Aug. 10, 1923. Serial No. 656,705. 4 Claims. (Cl. 137—99.)



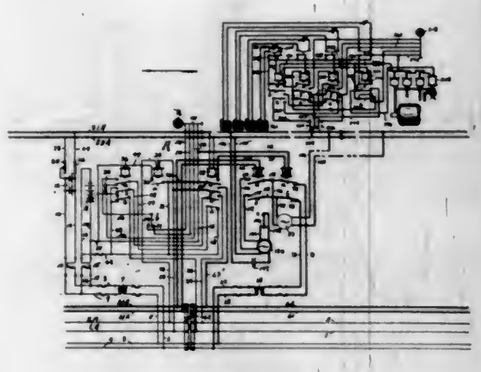
1. A hose repair clamp, comprising a pair of semi-cylindrical plates, one of them inwardly flanged to retain a gasket, a single-piece gasket fitting half of the clamp, and formed with ribs adapted to surround the break in the hose, and means adapted to hold the clamp-plates securely on the hose.

1,619,288. ADJUSTABLE BOLSTER STANDARD FOR WAGONS. JOHN V. CIZEK, Clutier, Iowa. Filed Mar. 29, 1926. Serial No. 98,228. 4 Claims. (Cl. 280—144.)



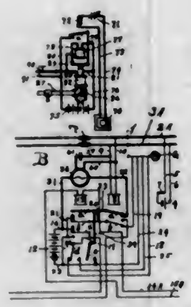
1. In combination, a wagon bolster, a pair of spaced standards having overlapping lugs adjustably fastened together to vary their spacings, and means for fastening said standards upon the bolster when so relatively adjusted apart.

1,619,289. TRAIN-CONTROL SYSTEM. THOMAS E. CLARK and JAMES E. CLARK, Detroit, Mich., assignors to Continuous Train Control Corporation, Detroit, Mich., a Corporation of Michigan. Filed Apr. 6, 1925. Serial No. 21,171. 12 Claims. (Cl. 246—63.)



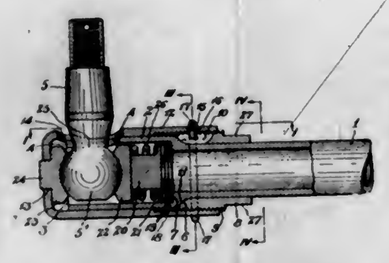
1. In an automatic train control system, a series of collector coils mounted on a vehicle adjacent the track to take up high-frequency currents of different wave lengths, tuning condensers and high-frequency relays connected to said coils to differentiate the wave lengths and respond thereto, a normally energized brake control device and circuits thereto, and electro-responsive means controlled by said high-frequency relays, one of said loops and the condenser and high-frequency relay connected thereto and the electro-responsive means controlled thereby serving to break the circuits to the other electro-responsive means.

1,619,290. TRAIN-CONTROL APPARATUS. THOMAS E. CLARK, Detroit, Mich., assignor to Continuous Train Control Corporation, Detroit, Mich., a Corporation of Michigan. Filed Apr. 16, 1925. Serial No. 23,514. 5 Claims. (Cl. 246—63.)



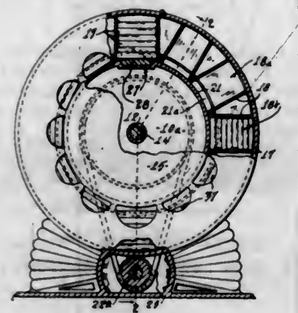
1. In a train signal and control system adapted for use in connection with a track divided into blocks, the combination of a source of direct current for each block, a signal installation embodying three lamps at the exit end of each block, means controlled by the presence of a vehicle in any block to cause current to pass from the current source to one of said lamps according as the first or second block in advance is occupied or both are unoccupied, means at each block to transform said direct current into high-frequency current and to propagate such high-frequency current in the rails of said block, and means controlled by the adjacent signal installation to determine the operation of the transformer.

1,619,291. TIE ROD OR THE LIKE. FREDERICK C. CRAWFORD and MATTHEW P. GRAHAM, Detroit, Mich., assignors to The Steel Products Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 5, 1924. Serial No. 736,070. 2 Claims. (Cl. 287—90.)



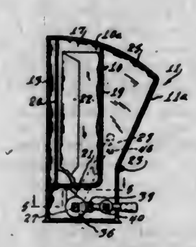
1. In a tie-rod or the like, the combination of a main member provided with open-ended socket portion having a ball-slot intersecting its open end; a cap fitting over said socket and provided with a ball opening; a member mounted upon said main member and adjustably connected with said cap; and means for holding said adjustably connected member against movement outwardly along said main member.

1,619,292. SELECTIVE VENDING MACHINE FOR STACKED ARTICLES. WILLIAM C. CUTLER, Glendale, Calif., assignor to Isabella M. Cutler, Glendale, Calif. Filed Sept. 16, 1925. Serial No. 56,709. 4 Claims. (Cl. 211—8.)



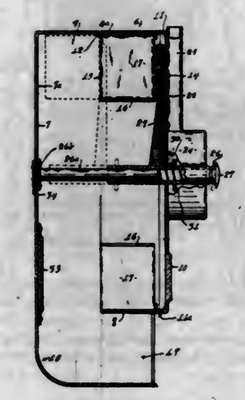
3. In a selective vending machine, a revoluble magazine, a plurality of inwardly opening radially arranged article holders, a fixed annular wall immediately concentric of the inner open ends of said holders, and a pull-out portion to said wall.

1,619,293. SELECTIVE DISPENSING MACHINE. WILLIAM C. CUTLER, Glendale, Calif., assignor to Isabella M. Cutler, Glendale, Calif. Filed Sept. 16, 1925. Serial No. 56,710. 5 Claims. (Cl. 211—8.)



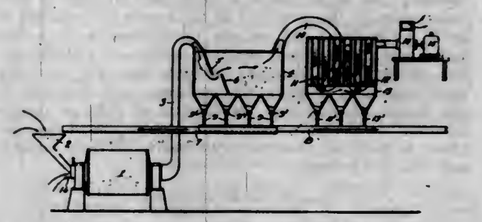
1. In a selective vending machine, a plurality of article holders arranged in close juxtaposition in a lineal series, hinges, one for each holder hinging same in said casing so that they are independently oscillatable upon their reapective hinges, each holder having its outer end open, a curved wall to said casing adapted to close the open ends of all holders; said wall conforming to an arc described about the center of the hinges and closely spaced from the open ends of the holders, said casing having an open portion with which the open end of any holder will register when that holder is properly moved on its hinge.

1,619,294. ROTARY SELECTING MECHANISM FOR VENDING MACHINES. WILLIAM C. CUTLER, Glendale, Calif., assignor to Isabella M. Cutler, Glendale, Calif. Filed Oct. 13, 1925. Serial No. 62,253. 8 Claims. (Cl. 211—8.)



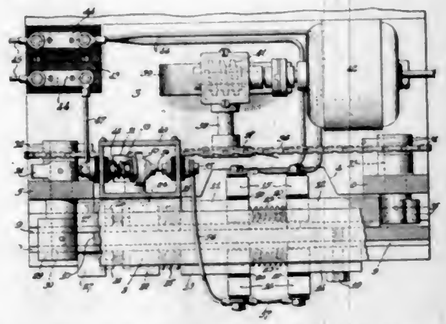
3. In a selective vending machine a plurality of radially arranged article holders open-front and rear, a revoluble push rod co-axial of said article holders, and a finger projecting from said rod movable thru any article holder with which it is registered.

1,619,295. APPARATUS FOR AND PROCESS OF REDUCTION OF FINELY-DIVIDED MATERIAL. WILLIAM GARDNER, Cleveland, Ohio. Filed Apr. 14, 1926. Serial No. 101,871. 9 Claims. (Cl. 83—9.)



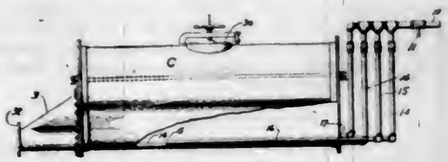
1. The process of reduction of finely divided material which consists in grinding material in a grinding unit, removing the fines from the grinding unit by means of a current of fresh air of low velocity and large volume before all the material has been ground to its finest condition therein, passing the fines through a settling chamber and returning to the grinding unit the oversized particles and passing the sized particles through an air filter without the return of the air used as the conveying medium to the grinding unit.

1,619,296. APPARATUS FOR ELECTRICALLY FORMING SPIRAL PISTON RINGS. HARRY S. GRAVES, Detroit, Mich., assignor to Spiral Piston Ring Company, Detroit, Mich., a Corporation of Michigan. Filed Aug. 15, 1925. Serial No. 50,532. 8 Claims. (Cl. 219—3.)



1. A machine of the type described, comprising clamping means for the ends of the split ring, means for electrically heating said ring by the application of current to said clamping means, and means adapted for shifting a portion of said clamping means to impart a spiral formation to said ring.

1,619,297. CONCRETE GUN. ROY C. HACKLEY, San Francisco, Calif. Filed Mar. 26, 1924. Serial No. 702,056. 2 Claims. (Cl. 302—53.)

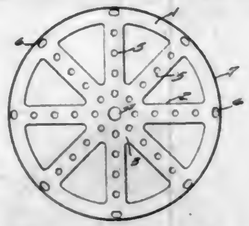


1. A device of the character described, comprising an elongated, horizontally disposed enclosed container for the reception of concrete, a discharge nozzle adjacent the bottom and at one end thereof, said nozzle being substantially cone shaped, a discharge conduit leading from the small end of the nozzle, a compressed air delivery pipe terminating in the large end of the nozzle and adapted to apply air pressure and velocity to concrete in the nozzle and to eject the concrete from the nozzle into and through the conduit, and a plurality of compressed air delivering pipes extending through the container and disposed in the bottom thereof and terminating at different points intermediate the nozzle and the discharge end of the container to move the concrete in successive portions towards and into the nozzle.

1,619,298. CIRCULAR GIRDER. FRANK HORNBY, Liverpool, England, assignor to Meccano Company, Inc., Elizabeth, N. J., a Corporation of New York. Filed July 10, 1924, Serial No. 725,103, and in Great Britain July 25, 1923. 9 Claims. (Cl. 46—35.)

2. A circular element comprising a disc having a central perforation, concentric circles of perforations radially spaced according to a predetermined standard, and a peripheral flange at an angle to the plane of the disc having perforations not so spaced but adapted to register with standard perforations in other elements of a toy construction outfit.

9. A circular girder element comprising a rim having therein perforations equally spaced from center to center, said perforations being so formed that any two either adjacent or diametrically opposite will present openings to register with standard perforations in other elements of a toy construction outfit, and a peripheral flange at



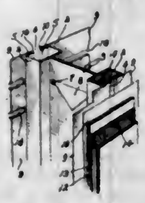
an angle to the plane of said rim having perforations therein of a different spacing but also adapted to register with standard perforations in said other elements.

1,619,299. ANIMAL FORCEPS. WALTER HYLARIDES, Granville, Iowa. Filed June 14, 1926. Serial No. 115,888. 4 Claims. (Cl. 128—324.)



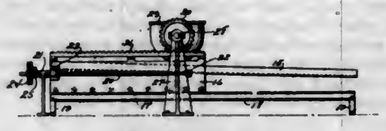
1. An animal forceps of the class described comprising a tubular casing, fingers mounted on one end thereof, having spring means for normally constraining said fingers toward open position, and means mounted on the other end thereof for selectively closing said fingers.

1,619,300. WALL CONSTRUCTION. BENJAMIN J. KLAASEN, Detroit, Mich. Filed Apr. 12, 1924. Serial No. 706,001. 5 Claims. (Cl. 72—115.)



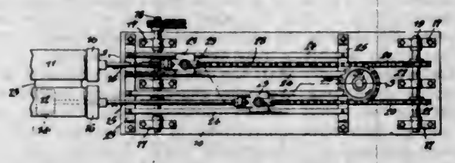
1. A wall member comprising two parts each formed of sheet metal with a groove along each longitudinal edge portion of said parts, and means for securing the parts together with a space between the inturned edge portions of the metal forming the grooves to hold a wood filler strip in the channels formed by the confronting grooves of the opposed parts and with a portion of the wood exposed through said space.

1,619,301. CHARGING APPARATUS FOR MOLDING MACHINES. RICHARD J. LEARY, Burlington, N. J. Filed June 12, 1925. Serial No. 36,603. 5 Claims. (Cl. 22—65.)



1. In a mold charging apparatus, a carriage adapted to be located adjacent a mold, a trough open at its outer end and included in the carriage, means whereby the carriage may be operated to project one end of the trough within the mold and means controlled by the movement of the carriage for delivering molten metal to the trough during the outward movement of the latter, whereby the metal will be distributed throughout the mold during such movement.

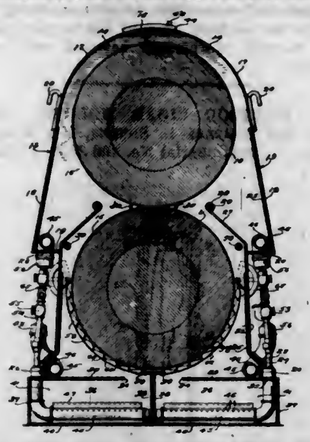
1,619,302. PUMPING APPARATUS. ANGUS R. LE GRUE, Buffalo, N. Y. Filed Nov. 9, 1925. Serial No. 67,733. 1 Claim. (Cl. 74—14.)



In an apparatus of the character described, the combination with a pair of cylinders and pistons including connecting rods operable therein, of a supporting base, front and rear shafts journaled on said base and each having a pair of sprocket wheels thereon, means for driving one of said shafts, sprocket chains passing around said wheels and provided at intervals with coupling pins, guide rails arranged parallel with said chains and disposed above the upper operative stretches thereof, crossheads applied to the piston-rods and guided on said rails, tappets depending from the cross-heads and disposed in the path of movement of said coupling pins to be alternately engaged with and disengaged from the tappets at predetermined points in the travel of said chains whereby the pistons are advanced in their cylinders, a sprocket wheel located above and between the operative stretches of the driving chains, and a chain fastened at its ends to said cross-heads and passing intermediate its ends around said last-named sprocket-wheel, whereby the return of one piston is effected simultaneously with the advance of the companion piston.

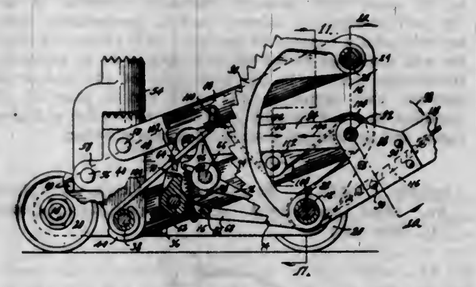
1,619,303. ROLL HEATER. HAROLD E. MCCREERY, ALBERT E. JESSEN, and ALONZO B. MONTGOMERY, Apollo, Pa., assignors to Apollo Holding Corporation, Apollo, Pa., a Corporation of Delaware. Filed Nov. 17, 1925. Serial No. 69,717. 17 Claims. (Cl. 80—41.)

16. A roll heater comprising a casing adapted to surround a pair of adjacent upper and lower rolls, said casing including substantially closed side walls, and end walls shaped to fit the sides of said rolls, said casing being provided adjacent its upper end with a flue, burners arranged in the lower portion of said casing, a series of horizontally arranged plates surrounding the lower portion of said lower roll, each of said plates being pivotally connected at one horizontal edge to said casing, the opposite edge of each plate being free and arranged slightly outwardly of the pivoted edge of the next adjacent plate, a pair of flexible members each having one end fixed outwardly of said plates beneath the center of said lower roll, said flexible members contacting with the free edges of said plates, the upper ends of said series of plates being spaced from the side walls of said casing, a shaft arranged adjacent each upper end of said series of



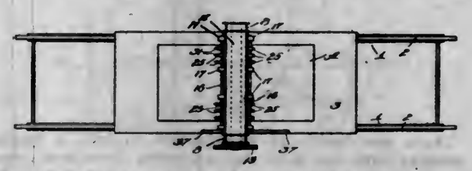
plates, the opposite ends of said flexible members being secured to said shaft to be wound thereon, and dampers secured to said shafts.

1,619,304. LIFTING JACK. LEONARD D. NILSON, Wayzata, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn. Filed July 26, 1926. Serial No. 125,011. 28 Claims. (Cl. 254—2.)



1. A lifting jack comprising a supporting frame, a notched sector fixed relative to said frame, a pivoted load lifting arm, a pawl carrying frame pivoted to said arm and carried therewith, a lifting pawl pivoted to said carrying frame at a point spaced from the pivot point of said carrying frame and engageable with said sector and means connected to said carrying frame for imparting movement to said lifting arm.

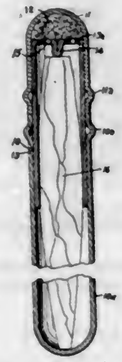
1,619,305. MACHINE FOR CUTTING METAL-SHEATHED SHEETS. CHARLES B. NORRIS, Grand Rapids, Mich., assignor to Haskelite Manufacturing Corporation, a Corporation of New York. Filed Mar. 12, 1924. Serial No. 698,640. 11 Claims. (Cl. 164—38.)



1. In a machine of the character described, a table, a member extending across the table at some distance above the same, rock shafts on opposite sides of said
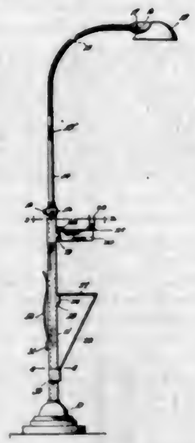
member extending across said table and parallel therewith, the rock shafts being arranged to rock independently of each other, cutting elements on said shafts constructed and arranged to be movable between working and idle positions by the rocking of said shafts, and means for producing relative movements between said table and said member.

1,619,306. HUMIDOR CIGAR HOLDER. HARRY R. NORTHUP and CHARLES L. SNYDER, Des Moines, Iowa. Filed Apr. 7, 1926. Serial No. 100,359. 1 Claim. (Cl. 131—30.)



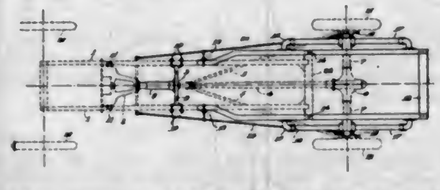
In a device of the class described, a lower casing member open at its upper end, a top casing member open at its lower end, moisture absorbent material at the top part of said top member, and an intermediate member frictionally received in the lower part of the top member and projected therefrom and adapted to be partially, frictionally received in the upper part of the said lower member, and having in its upper end a plurality of openings, and downwardly projecting means for engaging cigars and holding them away from said openings.

1,619,307. SHELF. SOLOMON OFFENBACH, Bradford, Pa. Filed Aug. 2, 1923. Serial No. 655,314. 1 Claim. (Cl. 248—18.)



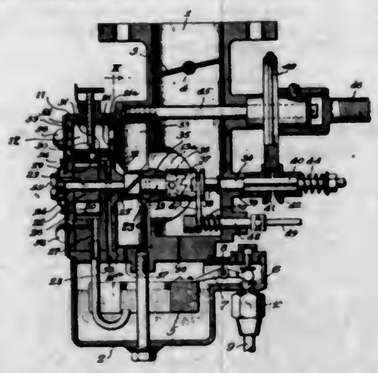
As a new article of manufacture, a shelf, a tongue integral with the shelf and depending therefrom intermediate the length of its rear edge and adapted to fit into an eye projecting from a front face of a support, arms formed integral with said shelf and depending from the front of the shelf adjacent its ends, said arms converging downwardly and rearwardly and having their lower end portions bent to extend in parallel spaced relation to each other and substantially parallel to the plane of said tongue, and a spring clamp having a bridge portion secured against the inner faces of the parallel lower end portions of said arms and having arms extending rearwardly from its bridge portion to firmly grip the support from opposed side faces thereof with the said bridge portion engaging the front face of the support.

1,619,308. MOTOR-TRUCK CHASSIS. NELS L. OLSON, Detroit, Mich. Filed Feb. 9, 1922. Serial No. 535,171. 1 Claim. (Cl. 180—16.)



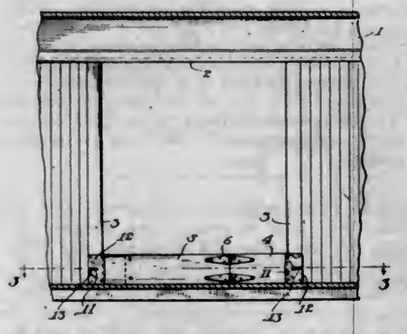
Means adapted for changing the wheel base or carrying capacity of a truck of a known wheel base and carrying capacity into a truck for other optional wheel bases and capacities, wherein the truck includes chassis frames, a rear transverse member, a rear axle assembly having a brake mechanism, a drive shaft housing and a transmission, said means comprising extension chassis frames having the extreme rear ends thereof connected and otherwise devoid of transverse connections to the forward ends of said extension chassis frames, clips connecting the forward ends of said extension chassis frames to the truck chassis frames, brake rods supported by said clips and diverging rearwardly outside of the extension chassis frame to the brake mechanism of the rear axle assembly, said extension chassis frames being connected to the rear transverse member of the truck chassis, at a point in advance of the rear axle assembly, side springs supporting said extension chassis frames from said rear axle assembly with said side springs having points of attachment in advance of the transverse member of said truck chassis and in proximity to the rear connected ends of said extension chassis frames, and a drive shaft extension mounted in the truck chassis and connecting the truck transmission and drive shaft housing.

1,619,309. CARBURETOR. EARL W. PAGETT, Detroit, Mich. Filed June 23, 1922. Serial No. 570,448. 1 Claim. (Cl. 261—28.)



In a carburetor having a float chamber and a manifold connection above the float chamber and to one side thereof, a cylindrical casing on the float chamber of said carburetor and at one side of the manifold connection, said cylindrical casing having a wall formed in part by the manifold connection and an end wall and intermediate transverse partition, said partition dividing said cylindrical casing into a conditioning chamber adapted to receive air and adapted to receive fuel from said float chamber, and a spray chamber adapted to receive fuel from said conditioning chamber and discharge it into said manifold connection, a rotary fluid pump adapted to supply fuel to said conditioning chamber from said float chamber, a rotary paddle in said spray chamber adapted to force fuel into said manifold connection, and means axially of said rotary pump and said paddle and extending through said manifold connection and operatable at the side of said manifold connection opposite said cylindrical casing for driving said pump and paddle.

1,619,310. GRAIN-CAR DOOR. IRA D. PARKER, Minneapolis, Minn. Filed Aug. 19, 1926. Serial No. 130,286. 3 Claims. (Cl. 20—30.)



1. A grain car door comprising two overlapping door sections hinged together, the free end of each door section being provided with a longitudinal slot extending therethrough, whereby the door may be secured to the door posts by driving nails through said slots.

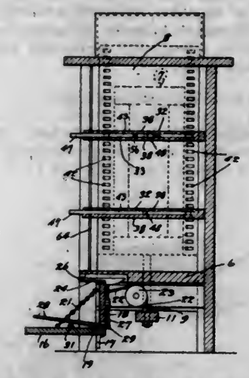
1,619,311. VEHICLE SIGNAL. ARVID D. PERTTU, Ridgefield, Wash. Filed June 1, 1925. Serial No. 34,213. 2 Claims. (Cl. 116—47.)



1. A vehicle signal comprising, in combination, a casing including a pair of spaced plates, a stationary shaft mounted transversely through the plates, an auxiliary shaft mounted adjacent the forward portion of the plates, a signal arm pivotally mounted on the auxiliary shaft, a pinion gear secured to the signal arm and rotatable on the auxiliary shaft, arm actuating means including a lever fulcrumed in the casing, a segment gear formed on the forward portion of the actuating lever adapted to mesh with the pinion for operation of the signal arm, a clamp bracket secured to the casing plates for mounting the signal upon a vehicle frame, means formed on the brackets for retaining the actuating lever in various adjusted positions, means for counter-balancing the weight of the signal arm, and cover plates mounted adjacent the casing plates.

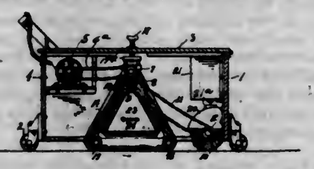
1,619,312. CABINET. ZIEGMUND PETERS PIETRZYCKI, Klamath Falls, Oreg. Filed Apr. 16, 1925. Serial No. 23,600. 1 Claim. (Cl. 211—7.)

In a cabinet of the character described, a compartment having shelves therein adapted to be irregularly interposed between successive stacks of articles, slidably mounted vertical panels disposed on opposite sides of the compartment, means associated with each shelf allowing the same to be secured to the sliding panel, means for simultaneously raising the panels whereby the shelf secured



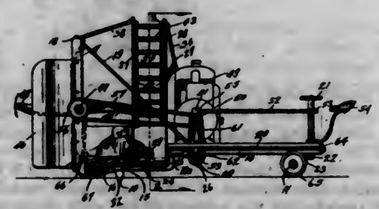
thereto is also raised, the cabinet having caps mounted on top thereof in spaced relation adapted to allow the top ends of the panels to slide thereinto when the latter are raised and serving as lateral supports for hooks placed on top of the cabinet.

1,619,313. MOPPING AND SCRUBBING MACHINE. ALVA L. PRINCE, Dallas, Tex. Filed May 25, 1925. Serial No. 32,663. 1 Claim. (Cl. 15—51.)



In a mopping and scrubbing machine having a wheeled housing; a mopping element therefor comprising a rack, screws extending through the top of said housing and supporting said rack, a triangular frame carried by said rack, rollers mounted in the top of said frame and idle rollers mounted at the bottom thereof; the lower of said upper rollers arranged to protrude through the walls of said housing; an endless mopping belt trained about said idle rollers and arranged to pass between said upper rollers, and handle means for rotating the screws on the top of said housing to cause upward movement of said triangular frame.

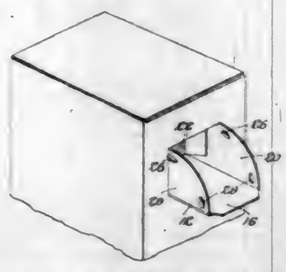
1,619,314. SNOWPLOW. IRVEN RECKARD, Duncombe, Iowa. Filed Sept. 14, 1925. Serial No. 56,136. 1 Claim. (Cl. 37—45.)



A snow plow comprising a V shaped frame, supporting wheels mounted on the front diverging portion thereof and steerable supporting wheels mounted on the rear con-

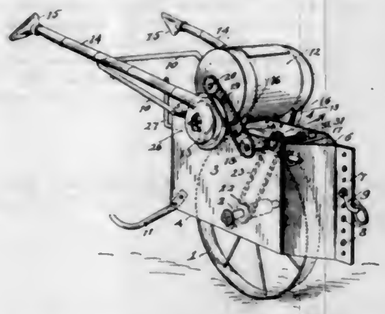
verging portion thereof, a platform and a lateral conveyor mounted on said frame having an upwardly extending portion projecting beyond one of the sides of the frame, an inclined scoop for conveying snow from the ground to the lateral conveyor, a rotating beater comprising blades adapted to engage the snow and slide it up the inclined scoop and onto the conveyor, side wings for deflecting the snow toward said scoop, a motor mounted on said platform and means for operatively connecting said conveyor and beater to said motor.

1,619,315. DISPENSING RECEPTACLE. RICHARD R. RICKETTS, Springfield, Mo. Filed Oct. 29, 1926. Serial No. 144,987. 9 Claims. (Cl. 221—11.)



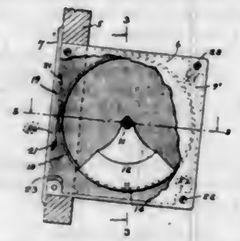
1. In a device of the character described, a receptacle having an opening in a wall thereof, a measuring cup pivoted to the receptacle for swinging movement through said opening to either of two positions, in one of which it may receive material contained in the receptacle and in the other of which it may deliver material contained therein to the exterior of the receptacle, and cooperative means associated with said cup and receptacle wall, in addition to the normal frictional engagement between the walls of said cup and said receptacle wall, serving to hold said cup against accidental swinging movement from either of its aforesaid two positions towards the other position thereof.

1,619,316. AGRICULTURAL POWDER-DISTRIBUTING DEVICE. RALPH R. ROOT, Lakewood, Ohio, assignor to The Root Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 10, 1923. Serial No. 679,597. 8 Claims. (Cl. 43—148.)



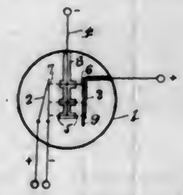
1. A powder duster comprising a supporting wheel having an axle, a casing enclosing the upper portion of the wheel, said casing having side walls to which opposite ends of the axle are secured and which extend above the top of the wheel, a powder distributor comprising a drum extending across the top of the casing and detachably secured thereto and fan casings at the ends of the drum having rearwardly extending spouts, a handle secured to the rear end of the casing, and means for driving the distributor from the wheel.

1,619,317. PENDULUM INCLINATION INDICATOR. HARVEY J. SMITH, Baypoint, Calif. Filed Nov. 14, 1925. Serial No. 69,174. 1 Claim. (Cl. 33—215.)



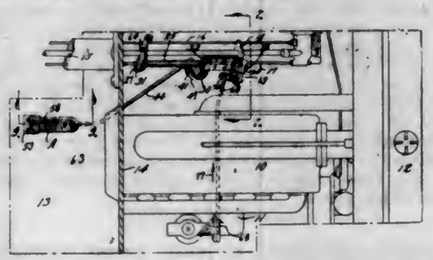
A pendulum inclination indicator comprising a casing having oppositely arranged plates provided with centrally disposed bearings, and having side portion connecting said plates and provided with an opening, a sector shaped pendulum, a spindle extending transversely through the vertex portion thereof and journaled in the said bearings, said pendulum being peripherally provided with a groove, and a circular strip surrounding the pendulum and having a portion thereof provided with a slot and seated within the groove and flush with the periphery of the pendulum and a screw extending through the slot and screwed into the pendulum for adjustably connecting the pendulum to the strip.

1,619,318. ELECTROSTATIC DETECTOR AND AMPLIFIER. FRANK E. SUMMERS, near Memphis, Mo., assignor to The Magnavox Company, San Francisco, Calif., a Corporation of Arizona. Filed Jan. 19, 1920. Serial No. 352,595. 14 Claims. (Cl. 250—27.)



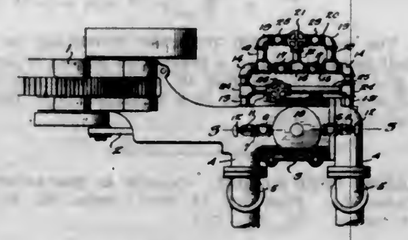
1. An electric device comprising an envelope, a plurality of relatively spaced electrodes enclosed therein and a plurality of conducting members mounted in the electrodes transversely thereof, the members on the adjacent electrodes being disposed in the same plane and extending toward each other and terminating in points in close proximity to each other.

1,619,319. FOOT-THROTTLE CONTROL. WALTER H. THOMAS, Spencer, Iowa. Filed Mar. 31, 1926. Serial No. 98,880. 7 Claims. (Cl. 74—39.)



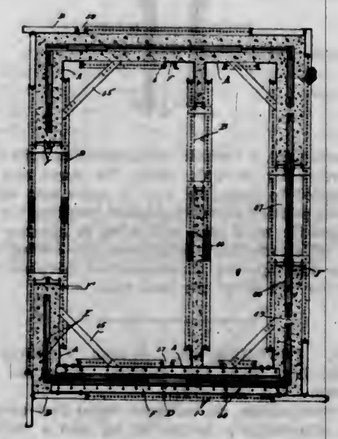
1. In combination with a motor vehicle having a carburetor thereon and a hand operable throttle control rod, an arm on the hand throttle control rod and a rod connection between the arm and the carburetor, of a foot operable throttle control including a fitting mounted on the hand throttle control rod adjacent the arm thereon, a part on said fitting adapted to receive one end of the rod connection normally extending between the arm and the carburetor, a projecting lug on said fitting adapted to coact with the arm on the hand throttle control rod, a spring connected to the arm on the hand throttle control rod and to said fitting for holding said projecting lug and arm normally in engagement with each other, whereby operation of the hand throttle control rod will impart operation to said fitting, and means for operating said fitting independently of the hand throttle control rod.

1,619,320. PUMP. HARRY S. TOOKER, Joplin, Mo., assignor to William D. James, Kansas City, Mo. Filed Dec. 6, 1924. Serial No. 754,417. 4 Claims. (Cl. 103—45.)



1. In a device of the character described, a cylinder, fluid pressure conveyors connected to the opposite ends of said cylinder, a reservoir connected to the opposite ends of said cylinder, a regulator connected to the opposite ends of said cylinder, said regulator comprising conduits connected to the ends of the cylinder, a transverse conduit connected thereto, an equalizing valve arranged in said transverse conduit, and check valves arranged in said transverse conduit on each side of said equalizing valve.

1,619,321. SYSTEM OF CONCRETE CONSTRUCTION. ARTHUR E. TROIEL, Oakland, Calif. Filed Dec. 9, 1920, Serial No. 429,346. Renewed Aug. 16, 1926. 18 Claims. (Cl. 25—131.)



1. A system of forms for plastic wall construction consisting of two relatively spaced vertically extending pairs of corner forming sections, each pair comprising a self-sustaining rigid and unitary inner angular metal plate member and a complementary outer angular member spaced therefrom, inner and outer wall sections between and supported for vertical adjustment on the inner and outer corner sections respectively, and means for holding the inner and outer wall sections together to move simultaneously while in spaced relation to each other and without movement of the corner sections.

1,619,322. COMBINED TONGUE AND SHOE-LACE FASTENER. ADELBERT D. WINN, Toronto, Ontario, Canada. Filed June 18, 1926. Serial No. 116,920. 1 Claim. (Cl. 24—117.)



In a shoe, the combination of a tongue having a plurality of openings therein defining a square and having a central opening within the square so defined and equidistant from each of said openings, laces for binding the shoe upon the foot, said laces being insertible through different combinations or sets of said tongue openings whereby to hold the said laces in crossed relation and against slipping should the shoe laces become untied, the laces binding in said openings and between the tongue and the foot of the wearer to be thereby held in place.

1,619,323. FOUNTAIN PEN. MAURICE ALLAND, Atlantic City, N. J. Original application filed June 10, 1925, Serial No. 36,104. Divided and this application filed Oct. 8, 1925. Serial No. 60,221. 7 Claims. (Cl. 120—42.)



1. In a fountain-pen, the combination of a barrel having a throat, a feed-bar removably supported by said barrel in said throat and provided with a recess, and a removable holder normally positioned in said recess and adapted to contain a soluble ink-pellet.

1,619,324. MOP FOR BASEBOARDS. DUDWARD M. ALLEN, Binghamton, N. Y., assignor of one-half to Frank N. Gilbert, Binghamton, N. Y. Filed July 14, 1924. Serial No. 725,920. 2 Claims. (Cl. 15—115.)

1. In a mop for base boards, a substantially vertical plate forming a mop head, a stationary jaw arranged at

one of the side edges of said plate, a movable jaw cooperating with the stationary jaw for holding mop material, rotary supporting means on the lower end of the

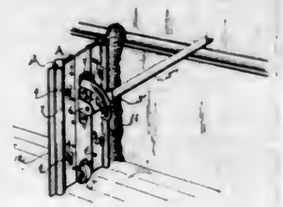
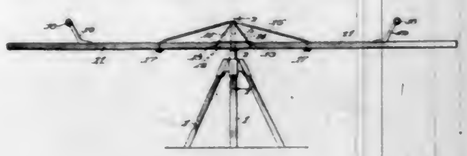


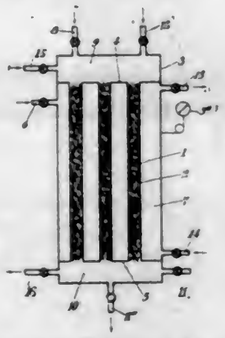
plate to permit the latter to be readily moved along the floor while held in the substantially vertical position, and a handle connected to said plate.

1,619,325. AMUSEMENT DEVICE. JOHN R. ANDERSON, Moline, Ill. Filed Oct. 1, 1925. Serial No. 59,757. 2 Claims. (Cl. 272—30.)



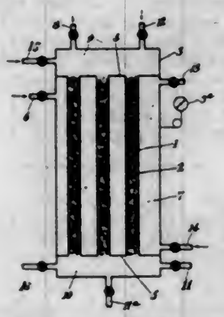
1. An amusement device comprising a stand, a post on the same rounded at its upper end to provide a bearing, a board having a longitudinally disposed slot therein to receive the post which projects above the board, and a yoke upon the upper face of the said board, said yoke being U-shaped in cross section in one plane and triangular in cross section in a plane at right angles to the said first-named plane and in the direction of the length of the board.

1,619,326. PROCESS OF REVIVIFYING CARBON USED IN PURIFYING ETHYLENE. ARTHUR A. BACKHAUS, Baltimore, Md., assignor to U. S. Industrial Alcohol Co., a Corporation of West Virginia. Filed Sept. 27, 1924. Serial No. 740,398. 5 Claims. (Cl. 252—3.)



1. The process which comprises revivifying an activated carbon used in purifying ethylene by applying live steam accompanied by indirect heat and then a hot dry gas thereto, in such a manner as to remove impurities therefrom.

1,619,327. PROCESS OF REVIVIFYING CARBON. ARTHUR A. BACKHAUS, Baltimore, Md., assignor to U. S. Industrial Alcohol Co., a Corporation of West Virginia. Filed Sept. 27, 1924. Serial No. 740,399. 8 Claims. (Cl. 252—3.)



1. The process which comprises revivifying an absorbent material used in a purification process by applying live steam accompanied by indirect heat and then a hot dry gas thereto, in such a manner as to remove impurities therefrom.

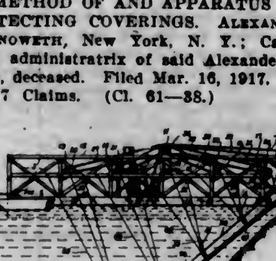
1,619,328. CORE BARREL. CHARLES H. BENCKENSTEIN, Vinton, La. Filed Oct. 12, 1925. Serial No. 62,100. 13 Claims. (Cl. 255—72.)



1. A sand trap, a conduit communicating with the sand trap, a vertically movable valve, the lower end of said valve adapted to cooperate with a valve seat said valve when in one position permitting communication between the conduit and the sand trap, and when in another position shutting off communication between the conduit and the sand trap and opening communication between the conduit and the well above the sand trap.

1,619,329. CARBURETOR. ALFRED V. CHAPIN, San Antonio, Tex. Filed Oct. 4, 1924. Serial No. 741,669. 2 Claims. (Cl. 261—121.)

1. In combination, an enclosed liquid fuel tank, a hot air pipe comprising a horizontal leg and a vertical leg, the vertical leg leading vertically through the top of the liquid fuel tank and having an open lower end which terminates adjacent the bottom of said tank, said hot air pipe having a dilution port for the entry of atmospheric air located in alignment with the vertical leg of the hot air pipe, a valve for controlling said dilution port located at the juncture of the vertical and horizontal legs and



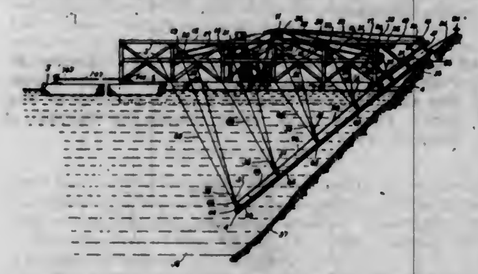
a main controlling valve located in the vertical leg of the hot air pipe outside the liquid fuel tank and inwardly of said dilution port.

1,619,330. AUXILIARY AIR AND FUME SUPPLY FOR EXPLOSIVE ENGINES. ALFRED V. CHAPIN, San Antonio, Tex. Original application filed Oct. 4, 1924, Serial No. 741,669. Divided and this application filed June 15, 1925. Serial No. 37,235. 1 Claim. (Cl. 123—127.)



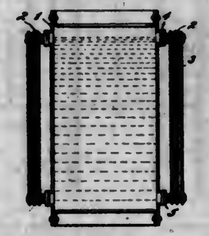
The combination with the intake manifold of an internal combustion engine, of a carbureter connection leading thereto, a throttle valve in said connection, an auxiliary pipe leading from a side of said manifold in advance of the throttle valve, which pipe serves to conduct a fluid other than atmospheric air to the manifold, an auxiliary air inlet port in said pipe for the admission of atmospheric air of dilution thereto, a manually operable controlling valve for said port and a main valve in the auxiliary pipe, between the auxiliary air inlet valve and the manifold, controllable with the throttle valve.

1,619,331. METHOD OF AND APPARATUS FOR LAYING PROTECTING COVERINGS. ALEXANDER CRAWFORD CHENOWETH, New York, N. Y.; Catherine R. Chenoweth administratrix of said Alexander Crawford Chenoweth, deceased. Filed Mar. 16, 1917. Serial No. 155,197. 7 Claims. (Cl. 61—38.)



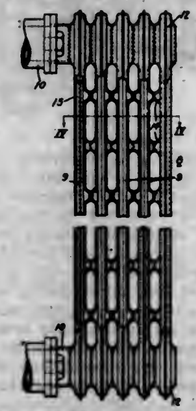
4. In apparatus for laying slabs on the surface to be protected, a pair of permanently spaced apart floats and a superstructure between the same, hoisting tackle mounted on said superstructure above said space, a horizontally movable slab support which can be moved into and out of the space between said floats to permit vertical lowering of a slab by said hoisting tackle.

1,619,332. TRANSFORMER RADIATOR. WALTER M. DANN, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 29, 1920. Serial No. 427,189. 3 Claims. (Cl. 257—191.)



3. A radiator comprising a plurality of units of sheet metal, each of said units comprising complementary members of such form as to constitute a substantially rectangular envelope having longitudinal welds along the adjacent edges of said members whereby said units are integral, and each of said units having projecting portions with transverse openings therein surrounded by annular flanges that are welded to adjacent flanges to constitute an integral structure wherein the units are operatively connected for circulating a cooling medium.

1,619,333. RADIATOR. WALTER M. DANN, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 30, 1920, Serial No. 427,300. Renewed Aug. 5, 1926. 4 Claims. (Cl. 257—191.)

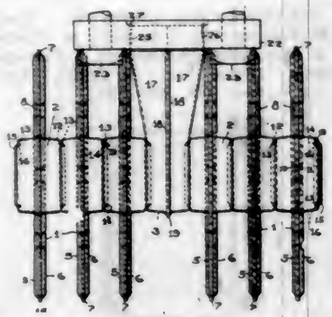


1. A radiator comprising a plurality of pressed metal envelopes disposed in side-by-side relation, the walls of the intermediately disposed envelopes being provided with integral extruded portions engaging similar portions on the adjacent units, the end units being provided with integral indented portions in the walls thereof, the indented portions of the opposite walls being welded together.

1,619,334. TRANSFORMER RADIATOR. WALTER M. DANN, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 29, 1922, Serial No. 557,325. Renewed Jan. 24, 1927. 9 Claims. (Cl. 251—191.)

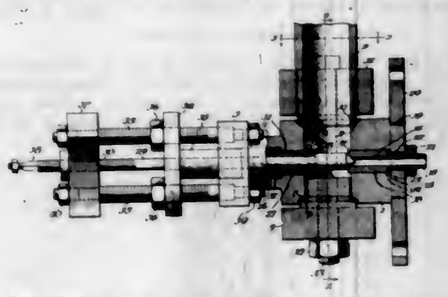
8. A radiator comprising a plurality of groups of communicating radiating elements and a member disposed be-

tween said groups for securing the same to a tank structure, said member comprising a plurality of complementary portions of similar shape, each of said portions having a relatively flat portion provided with an opening said flat portion gradually merging into a substantially



semi-cylindrical portion said members adapted to be secured together with said openings in axial alignment for communication with said elements and with said semi-cylindrical portions cooperating to form a tubular portion adapted to be secured to the tank.

1,619,335. APPARATUS FOR CONTROLLING FLUIDS. JOSEPH FRANCIS DONNELLY, Lemont, Ill. Filed Jan. 25, 1926. Serial No. 83,545. 13 Claims. (Cl. 251—50.)

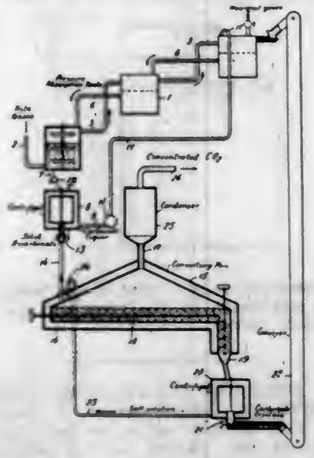


7. A fluid-controlling device comprising a body having a chamber therein provided with inlet and outlet passages and an integral extension thereon having a passage therethrough, a valve for controlling said outlet passage adapted to be inserted through said passage in said extension and having a stem extending outwardly to a point remote from said body, and means located at the outer end of said stem for operating said valve, supporting means for said stem removably mounted on said extension, a packing surrounding said stem in said passage in said extension, compression means for said packing mounted on said supporting means, and means on said supporting means adapted to operate said compression means.

1,619,336. PROCESS AND APPARATUS FOR MAKING CONCENTRATED CARBON DIOXIDE. VIGGO DREWSEN, Brooklyn, N. Y., assignor to West Virginia Pulp and Paper Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 12, 1921. Serial No. 507,375. 12 Claims. (Cl. 23—150.)

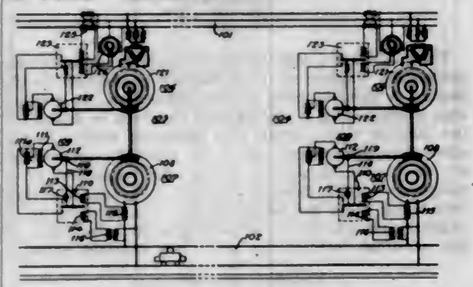
9. The process of making concentrated carbon dioxide from gases containing carbon dioxide which comprises absorbing the said gases in sodium carbonate liquor to effect its corresponding conversion into bicarbonate, centrifugally separating said sodium bicarbonate from said liquor and driving off and recovering substantially concentrated carbon dioxide from said bicarbonate.

12. The apparatus for producing concentrated carbon dioxide from gases containing carbon dioxide which comprises a connected series of absorption tanks having agitating means, a centrifugal separator connected to said absorption tanks and cooperating means to return the



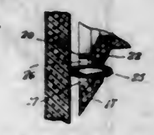
remaining liquor to said tanks, and a heated evaporating pan provided with a reflux condenser having a gas outlet.

1,619,337. DISTRIBUTION SYSTEM. ROBERT D. EVANS, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 20, 1924. Serial No. 733,035. 40 Claims. (Cl. 172—237.)



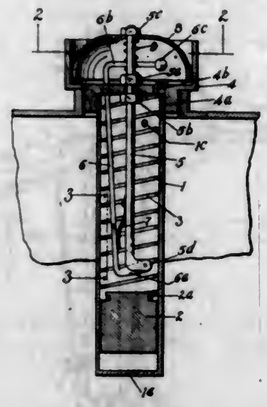
1. The combination with a high-voltage transmission line, a low-voltage distribution line, and means for interconnecting said lines at a plurality of spaced points for the interchange of power, of means responsive to the power transmitted by one of said interconnections for substantially offsetting the phase distortion in said interconnecting means.

1,619,338. VERNIER TUNING DIAL. ALBERT W. FRANKLIN, New York, N. Y., assignor to Chas. Freshman Co. Inc., New York, N. Y., a Corporation of New York. Filed Feb. 19, 1924. Serial No. 693,803. 2 Claims. (Cl. 74—7.)



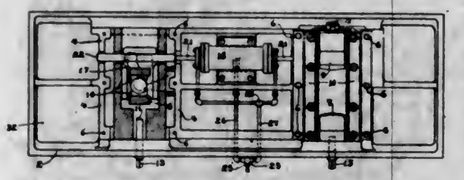
1. A dial having a depression or pocket in its rear face adapted to receive the trunnions of a roller and having an elongated slot through which said roller may operate.

1,619,339. LOW-LEVEL ALARM FOR GASOLINE TANKS. ADOLF FREDERICKS, Monterey Park, Calif. Filed July 8, 1925. Serial No. 42,205. 6 Claims. (Cl. 116—110.)



4. In a device of the class described, a perpendicular cylinder member provided with a small orifice in its lower end communicating with the gasoline in the tank, a plunger reciprocally mounted in said cylinder and suspended on a spring, a bell member, and means for ringing said bell member, said means including a support, a lever pivotally mounted on said support, and adapted to be engaged by said plunger and a spring tending to separate said lever from said support.

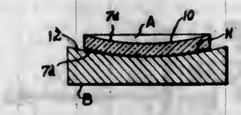
1,619,340. WORK HOLDER. HERBERT S. FULLERTON, Philadelphia, Pa., assignor to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed Mar. 1, 1924. Serial No. 696,378. 6 Claims. (Cl. 90—59.)



1. A work holder comprising the combination of a support, a work engaging jaw thereon, a slide on the support movable toward and from the jaw, a second jaw, means connecting the second jaw and slide for relative adjustment toward and from the first jaw, a member rotatably mounted in the support and having an eccentric portion engaging the slide, an outwardly extending arm on the member, and power operated means connected to the arm and adapted to rotate the member and slide to grip a work piece between the jaws.

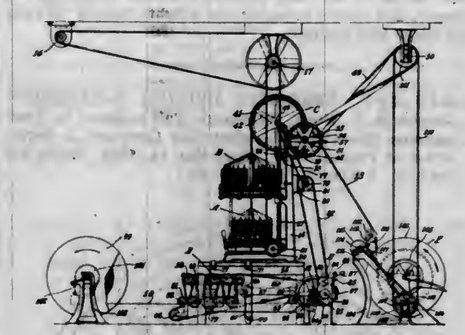
1,619,341. OPHTHALMIC LENS. LOUIS L. GAGNON, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Aug. 10, 1925. Serial No. 49,285. 3 Claims. (Cl. 49—84.)

1. The process of making an ophthalmic lens having a toric surface on one side thereof comprising making a glass blank with a spherical surface on each side thereof, the curvature of the spherical surface being the same as the curvature of one meridian of the desired toric surface, placing the shaped blank on a block having the desired toric surface, heating the blank on the block until the blank drops down to the shape of the block forming a surface on both sides of the blank of the same



curvature as the block, the distortion in the glass blank due to the shaping having been reduced to a minimum as there has been no displacement in one meridian and a minimum displacement in the other meridian due to shaping both sides of the blank before heating to one meridian of the desired toric surface.

1,619,342. METHOD AND APPARATUS FOR PRODUCING ELASTIC STRIP MATERIAL. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Mar. 14, 1924. Serial No. 699,231. 9 Claims. (Cl. 96—3.)



1. Apparatus of the character described comprising means for progressively fabricating a flexible, extensible fibrous structure in association with strip rubber, means for supporting a supply of the strip rubber, means for pulling the product continuously from the fabricating means, hold-back means other than the supply-supporting means for retarding the movement of the rubber to the fabricating means, and means for compelling the withdrawing means and the hold-back means to function with a constant, determinate ratio of feeding speed.

1,619,343. METHOD OF COATING MATERIALS. EARL J. HAVERSTICK, Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 14, 1923. Serial No. 651,630. 4 Claims. (Cl. 91—70.)

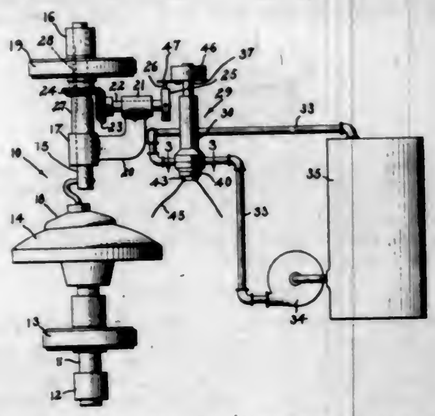
1. A method of coating materials which comprises applying a film of a graphite suspension in water on said material and then baking the same at a temperature over 100° C.

4. A coated article comprising a base and a baked coating of a graphite suspension thereon.

1,619,344. ABRASIVE-SUPPLYING MEANS. HARRY W. HILL, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed May 16, 1925. Serial No. 30,837. 6 Claims. (Cl. 51—263.)

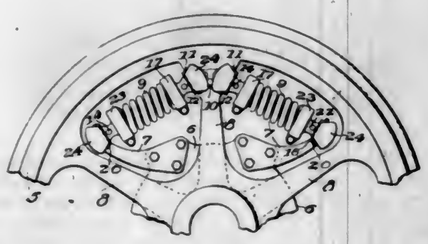
1. A device for supplying an abrasive to a lens surfacing machine, including a body portion having a vertical

bore and a transverse bore intersecting the first named bore, a plunger mounted within the vertical bore and extending into the transverse bore, an abrasive conducting



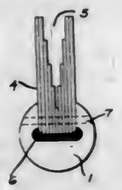
wire carried by the body portion, a weight carried by the plunger, and means engaging the weight whereby to raise and lower said plunger.

1,619,345. RESILIENT DRIVING CONNECTION. GEORGE H. F. HOLT, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 11, 1921. Serial No. 468,572. 7 Claims. (Cl. 74—29.)



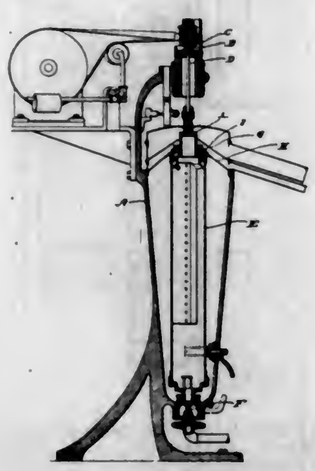
1. A resilient driving connection comprising a coil-spring member having one end provided with a seat that is pivotally supported for universal movement, the spring being rigidly secured in operative position.

1,619,346. WELDED SPRING STRUCTURE. HAROLD A. HOUSTON, Wilkinsburg, and VICTOR J. SHEPARD, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 1, 1922. Serial No. 540,367. 14 Claims. (Cl. 267—47.)



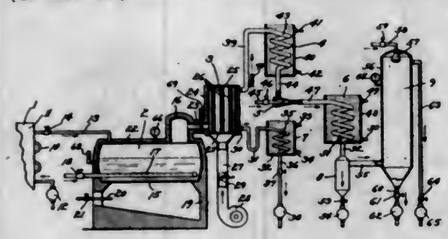
1. A spring-nest comprising a cylindrical base member and a plurality of spring leaves united therewith by anchor rods.

1,619,347. CENTRIFUGAL BOWL. LEO D. JONES and ARTHUR U. AYRES, Philadelphia, Pa., assignors to The Sharples Specialty Company, Philadelphia, Pa., a Corporation of Delaware. Filed Sept. 4, 1925. Serial No. 54,477. 8 Claims. (Cl. 233—21.)



1. A centrifugal bowl comprising a shell and a head having complementary screw threads and a gasket sealing the external terminus of the interstice between said shell and head.

1,619,348. PROCESS OF PRODUCING LUBRICATING OILS. GUSTAV A. KRAMER, Concord, Calif., assignor, by mesne assignments, to Simplex Refining Company, San Francisco, Calif., a Corporation of California. Filed May 9, 1925. Serial No. 29,047. 21 Claims. (Cl. 196—77.)

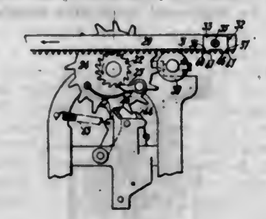


17. A process of treating mineral oils, which comprises: producing a mixture of vapors from a suitable charging stock under a low absolute pressure; cooling said mixture of vapors to a sufficient degree to condense therefrom a certain portion thereof; increasing the absolute pressure on the remaining vapors to a value which is still considerably less than atmospheric pressure; and subjecting said remaining vapors to a further condensation.

1,619,349. TYPEWRITING MACHINE. ADOLPH G. KUPETZ, New Rochelle, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 16, 1924. Serial No. 686,475. 7 Claims. (Cl. 197—176.)

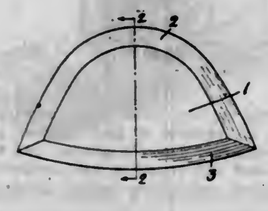
7. In a typewriting machine, the combination of a power-driven carriage, escapement mechanism including a step-by-step escapement-wheel and a pinion, a feed-rack pivoted to the carriage and spring-pressed into operative engagement with the pinion, carriage-releasing mechanism

including a roller arranged to raise the rack out of engagement with the pinion to release the carriage, and a cam-element secured to the rack and arranged to ride



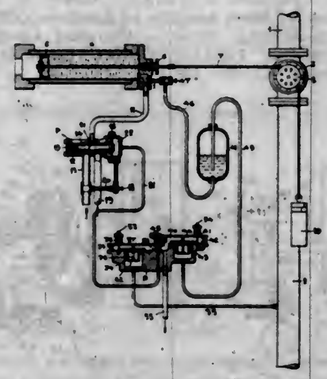
over the roller to automatically release and then arrest the carriage for a skipping movement during the normal operation of typing.

1,619,350. METHOD OF MAKING BOX TOES. EUCLID I. LA CHAPELLE, Brockton, Mass. Filed Feb. 10, 1925. Serial No. 8,150. 8 Claims. (Cl. 12—146.)



1. That improvement in the art of making box-toes which consists in reducing the front and back edges of a box-toe blank to a feather edge and treating the front edge of the blank to render it more rigid than the rest of the blank.

1,619,351. FLUID-PRESSURE-OPERATED REGULATOR. THOMAS LINDSAY, London, England, assignor to Arca Regulators, Inc., New York, N. Y., a Corporation of Virginia. Filed Feb. 12, 1925, Serial No. 8,741, and in Great Britain Feb. 28, 1924. 21 Claims. (Cl. 137—78.)



1. Apparatus for automatic control comprising a main control member, a liquid presure operated servomotor to control said main control member, a relay to control said servomotor, said relay comprising a movable baffling member, means to discharge a stream of liquid against said baffling member, and means to move said baffling member in response to changes in that which is to be controlled and in response to changes of liquid pressure in said servomotor.

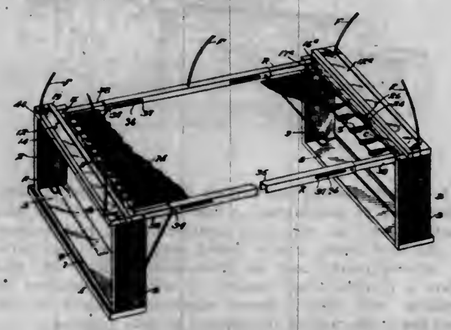
16. Method of automatic control which comprises controlling the pressure of a first stream of liquid in response to changes in that which is to be controlled, controlling the flow of a second stream of liquid by changes of presure in the first stream, regulating that which is be controlled by changes of pressure in said second stream of liquid and causing the second stream of liquid to produce a compensating effect on the first stream of liquid.

21. In a relay for fluid pressure operated regulators of the type wherein a continuously flowing stream of fluid is checked by a lever, the combination with said lever, of a second lever movable in response to changes in a compensating force adapted to be affected by movement of the first mentioned lever and a resilient interconnection between said levers.

1,619,352. PROCESS OF MAKING GREASE. JAMES MCKEE, Chester, Pa., assignor to Sun Oil Company, Philadelphia, Pa., a Corporation of New Jersey. Filed Feb. 27, 1925. Serial No. 11,993. 10 Claims. (Cl. 87—9.)

3. The process of making grease which contains a predominating proportion of mineral oil together with a lime-saponified fatty acid, which comprises forming a mixture of calcium hydrate with a minor proportion of the mineral oil, heating the mixture to expel moisture, cooling, and adding a fatty acid, a small percentage of water and the remainder of the mineral oil and heating to about 200° to 240° F.

1,619,353. CONVERTIBLE BED AND TRUNK. CHARLES D. MCDONALD, Fullerton, Calif. Filed Sept. 16, 1925. Serial No. 56,643. 3 Claims. (Cl. 190—2.)



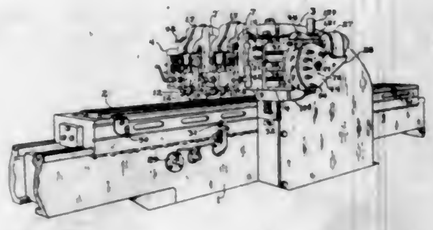
1. A convertible trunk and bed structure including a trunk comprising longitudinally separable, independent sections each having a top strip and below it a fixed cross piece and a meeting, inner filler member, and means extending from end to end of each cross piece and beneath the filler members for attachment of a mattress support.

1,619,354. METHOD OF AND APPARATUS FOR MAKING AND APPLYING MARKERS FOR RUBBER ARTICLES. FRANK J. MACDONALD, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Feb. 6, 1924. Serial No. 691,066. 10 Claims. (Cl. 41—1.)

1. The method of forming marker assemblies which comprises superposing plies of vulcanizable material of

different characteristics and different widths to form a laminated structure striated upon its display face, superposing thereon a piece of deformable sheet material to form a composite sheet, and punching a blank from said composite sheet.

1,619,355. FROG AND SWITCH PLANER. NICHOLAS MARCALUS, Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed June 20, 1924. Serial No. 721,229. 30 Claims. (Cl. 90—40.)

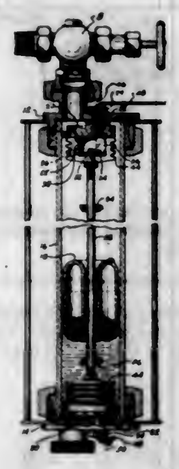


1. A tool feeding mechanism for planers or the like comprising in combination, a tool support, a pair of feed gears, means for optionally connecting the tool support to the feed gears, power means automatically operative to intermittently and simultaneously rotate the feed gears a predetermined amount in relatively opposite directions, and rotary means mounted coaxially of the feed gears for varying the amount of gear rotation.

7. In a machine tool, the combination of a support, a tool carrying member thereon, means including a power operated worm engaging a worm gear for intermittently feeding the member, clamping means for the member, and means engaging the worm and operatively connected to the clamping means for clamping the member to the support, rotation of the worm in one direction being adapted to release the member and thereafter feed the same and rotation of the worm in the opposite direction being adapted to clamp the member.

1,619,356. WATER-LEVEL-CONTROLLING MEANS. EARL L. MARTIN, New York, N. Y. Filed June 26, 1926. Serial No. 118,780. 6 Claims. (Cl. 137—101.)

1. In an apparatus for controlling the level of water within a steam boiler, the combination of a chamber connected to the boiler having at the top and bottom portions thereof, respectively, yielding wall portions, a vertical member connecting said yielding wall portions so that the boiler pressure thereon is balanced, a float adapted to move said connecting member upwardly

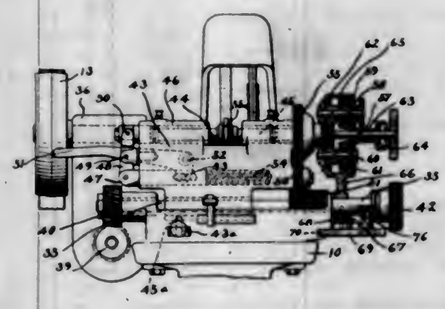


and downwardly as the water rises and falls, switch mechanism on the exterior of said chamber actuated by said float through said movable member, and two circuits alternately opened and closed by said switch mechanism and water supply controlling means actuated by said circuits.

1,619,357. SULPHUR COMPOSITION OF DIMINISHED INFLAMMABILITY AND PROCESS FOR PRODUCING SAME. CARL MARX, Wyoming, Milburn Township, Essex County, N. J., assignor to Union Sulphur Company, a Corporation of New Jersey. Filed Apr. 20, 1922. Serial No. 555,708. 7 Claims. (Cl. 106—12.)

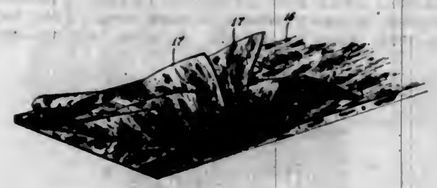
2. A non-inflammable composition comprising sulphur as a principal ingredient, the sulphur being homogeneously mixed with at least 10 percent of its weight of a non-inflammable haloid substituted hydrocarbon.

1,619,358. EDGING MACHINE. ALBERT E. MAYNARD, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Dec. 26, 1924. Serial No. 758,120. 5 Claims. (Cl. 51—101.)



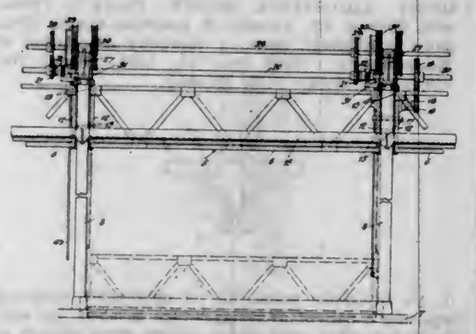
1. An edging machine, comprising a frame, a pair of guiding shoes carried by the frame, a grindstone shaft journaled in said frame, a pair of grindstones mounted on said shaft, one of said grindstones being provided with a V-shaped grinding edge, the other grindstone being provided with a straight grinding edge, means for axially reciprocating said last mentioned grindstone during rotation with respect to the shaft on which it is mounted, a second shaft parallel to the grindstone shaft and driven thereby, a lens carriage pivotally mounted on the second shaft, means for shifting the lens carriage out of the grinding range of one grindstone into grinding range of the other grindstone axially of the second shaft, a third shaft parallel to the second shaft and carried by said lens carriage and driven by said second shaft, a former slidably mounted on said third shaft, and means for sliding said former on the third shaft to align it with either of the said guide shoes.

1,619,359. VARIEGATED ARTICLES OF RUBBER OR THE LIKE AND METHOD OF MAKING THE SAME. TOD J. MELL, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed July 9, 1925. Serial No. 42,451. 7 Claims. (Cl. 18—61.)



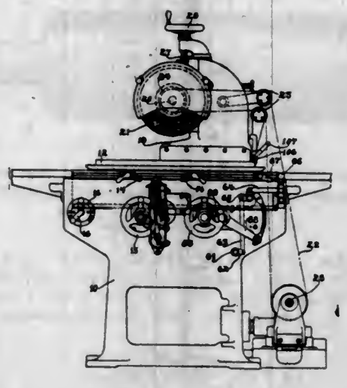
1. The method of making a variegated rubber article which comprises so mixing together a plurality of masses of rubber of different colors, at least one of the same being plastic, as to produce a mass of chance design in details of color arrangement, and vulcanizing the mass, and thereafter removing material from the surface of the mass so produced to expose the internal structure thereof as a surface of the article.

1,619,360. VEHICLE PARKING SYSTEM. MAX MILLER, New York, N. Y. Filed Mar. 21, 1925. Serial No. 17,453. 10 Claims. (Cl. 214—16.1.)



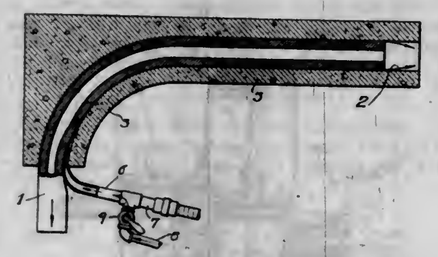
1. In a vehicle parking system, the combination with a roadway, of a movable platform adapted to receive a vehicle from the roadway, means located wholly at one side of the roadway for supporting said platform, means movably connecting said platform to said supporting means, and means for elevating said platform with the vehicle thereon to parking position over the roadway.

1,619,361. THREAD-CHASER-GRINDING MACHINE. EDWARD A. MOYER, West Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Feb. 2, 1925. Serial No. 6,305. 11 Claims. (Cl. 51—91.)



1. A grinding machine comprising in combination, a base, a table slidably mounted thereon, a wheel support having a cutting wheel rotatably mounted therein, said wheel support being movable toward and from the table, automatic means to move the support predetermined distances to index the wheel relative to the table and means to feed said wheel in a direction normal to its indexing movement.

1,619,362. WITHDRAWING CORES FROM MOLDED CONDUITS. THOMAS E. MURRAY, Brooklyn, N. Y. Filed Sept. 17, 1924. Serial No. 738,151. 3 Claims. (Cl. 25—155.)



1. In the molding of conduits in plastic material by means of a flexible core, the method of withdrawal which consists in forcing a lubricating fluid into the space between the core and the surrounding wall so as to flex the core to break the adhesion while pulling the core longitudinally to withdraw it from the conduit.

1,619,363. CALIBRATING DEVICE FOR GAUGE STICKS. WILLIAM C. MURTAUGH, Chicago, Ill. Filed Jan. 30, 1926. Serial No. 84,822. 3 Claims. (Cl. 73—120.)

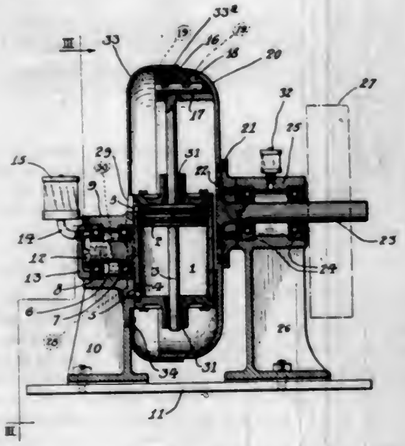
1. A calibrating device for gauge sticks comprising a casing formed with two passageways extending therethrough and through one of which a gauge stick may extend, means adapted to engage the gauge stick to secure it in a desired position, a slidable member extending through the second of said passageways, resilient means

on the inner wall on the second passageway adapted to engage the slidable member to prevent undesired movement thereof, and means on the lower end of said slidable



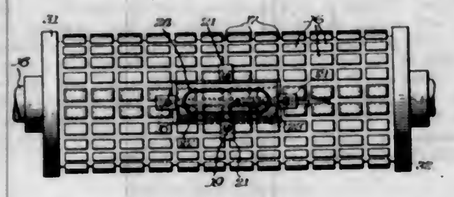
member for indicating the liquid level in a tank or container and serving as guides for a tool for marking the corresponding level on the gauge stick.

1,619,364. VACUUM PUMP. ERNEST C. OAKES, Bloomfield, N. J., assignor, by mesne assignments, to Empire Milking Machine Company, Inc., Rochester, N. Y., a Corporation of New York. Filed Jan. 4, 1924. Serial No. 684,276. 13 Claims. (Cl. 230—31.)



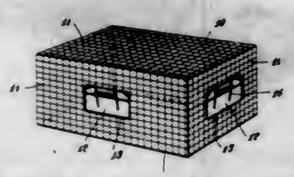
1. A vacuum pump comprising a power shaft, a cylinder with its axis at right angles to the power shaft, a shaft supporting the cylinder projecting at right angles thereto and parallel with and offset from the power shaft, a fixed support for said cylinder shaft having suction port and a discharge port, and a port disc associated therewith integral with the cylinder side and mounted to rotate in pressed contact with the support disc under the influence of the pump suction.

1,619,365. ENVELOPE-WINDOW-CUTTING DEVICE. ALBERT OLGAY, Glen Ellyn, Ill., assignor to Gaw-O'Hara Envelope Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 28, 1925. Serial No. 58,967. 5 Claims. (Cl. 93—61.)



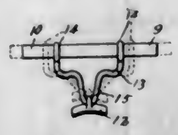
1. The combination with a printing press adapted to print on envelope blanks, of means relatively adjustable with respect to the print type for cutting a window in each envelope.

1,619,366. TRAP FOR CATCHING CRABS. CHRISTEN HANSEN ALFRED PETERSEN, Glenada, Oreg. Filed May 19, 1926. Serial No. 110,059. 2 Claims. (Cl. 43—66.)



1. A wire box of rectangular shape, with several rectagular inlets provided with trap doors, each of which comprises a rectangular door-frame, having a cross-bar, and a door composed of two pieces of wire, one of which forms a cross-bar on the other, the latter being bent upon itself to form hinges engaging the aforementioned rectangular frame at its top, stop-shoulders on said frame, and a regulation bar attached to said frame at its top to regulate the movement of the trap-door.

1,619,367. ADJUSTABLE BRIDGE. FRANK E. PETERSON, Chicago, Ill., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed June 11, 1924. Serial No. 719,307. 2 Claims. (Cl. 88—43.)



1. An adjustable bridge for an ophthalmic mounting comprising a pair of overlying bridge members one slidable on the other, each bridge member being secured at one end to a lens rim member, and a bendable member having openings adjacent each end, a bridge member being secured in each opening leaving sufficient space for the other bridge member to slide freely in the opening whereby the bridge members may be slid one on the other by opening out or closing the bendable member and whereby the portion of the bendable member around the opening not secured to a bridge member acts as a guide to retain the bridge members in their related positions.

1,619,368. PROCESS OF MAKING ALKYL-NITROARYL ETHERS. LYDE STUART PRATT and EARL H. WELTE, Penns Grove, N. J., and WILLIAM LESTER MILLS, Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Oct. 18, 1920, Serial No. 417,838. Renewed July 24, 1926. 11 Claims. (Cl. 260—143.)

1. A process of making alkyloxyl derivatives of nitro aromatic compounds which comprises heating a mixture containing an alcohol, a caustic alkali, and a nitroaryl halid in the presence of an oxidizing agent capable of hindering the reduction of the nitro group.

1,619,369. PASSENGER-CAR-WASTE-TRANSFER APPARATUS. SAMUEL S. RIEGEL, Scranton, Pa., assignor, by mesne assignments, of one-half to John H. Allen, Jersey City, N. J. Filed Apr. 28, 1925. Serial No. 26,441. 12 Claims. (Cl. 4—8.)



1. The combination in a man carrying vehicle of a toilet apparatus including a waste receptacle; a temporary waste container; said receptacle and container being in communication one with another; apparatus for automatic transfer of waste from the receptacle into said container; said apparatus comprising a source of compressed air for effecting such transfer; and filtering and noise reducing apparatus operatively connected with the waste storage container.

1,619,370. CYLINDER GAUGE. CHESTER C. ROBBINS, Waltham, Mass., assignor to B. C. Ames Co., Waltham, Mass., a Corporation of Massachusetts. Filed Dec. 19, 1922. Serial No. 607,895. 6 Claims. (Cl. 33—147.)



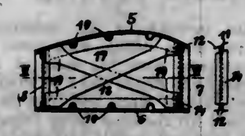
4. A gauge having in combination, indicating means, movable work engaging means, mechanism actuated by said work engaging means for operating said indicating means, said mechanism comprising a meshing gear and pinion, said gear having a hub, a second gear mounted on said hub concentrically with and being rotatable relatively to said first named gear, said second gear also meshing with said pinion, and a torsion spring concentric with said gears and connecting said second gear to a fixed part of said gauge.

1,619,371. RUBBER-COVERED ROLL. BRUCE W. ROGERS and WALTER L. GLASS, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Feb. 26, 1926. Serial No. 90,840. 4 Claims. (Cl. 92—49.)



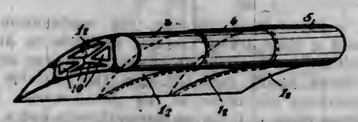
1. A roll comprising a tapered roll body, and an inextensible, annular cover member wedged thereon.

1,619,372. WING CONSTRUCTION FOR METAL AIRPLANES. ADOLF ROHRBACH, Charlottenburg, Germany. Filed Mar. 24, 1924, Serial No. 701,498, and in Germany Nov. 3, 1922. 34 Claims. (Cl. 244—12.)



1. In a metal wing structure for airplanes an intermediate section forming the backbone of the wing and including a pair of spaced and laterally braced longitudinal spars which form the front and rear boundary edges thereof, a pair of upper and lower imperforate stressed skin cover plate units firmly secured to and bridging said spars, and one of said cover plate units including a plurality of transverse former and girder members firmly secured to the inner side thereof at intervals throughout their length to form a rigid part thereof and said transverse girder members having end connections for attachment to the laterally braced spar unit whereby the final assembly of the intermediate section may be effected by superimposing the transverse girder and cover unit upon the spar unit and by merely attaching the ends of said transverse girders and the front and rear edges of the cover plate to the laterally braced spars.

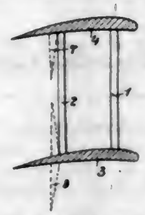
1,619,373. WING FOR FLYING MACHINES. ADOLF ROHRBACH, Charlottenburg, Germany. Filed Mar. 20, 1924, Serial No. 700,620, and in Germany Apr. 9, 1923. 9 Claims. (Cl. 244—12.)



1. A metal wing for flying machines consisting of an internal skeleton frame structure formed of interconnected transverse frame members and continuous uninterrupted longitudinal girders, said longitudinal girders and transverse members having co-planar bearing and supporting surfaces and a flat outer metallic skin lying flat against said girders and transverse frame members, said outer skin being divided longitudinally of the wing into sections which are flat throughout their entire areas which are rigidly and directly secured to both the girders and the transverse frame members with each pair of adjacent sections overlapping each other along a transverse frame member in the plane of the outer skin and firmly secured to each other and to the transverse mem-

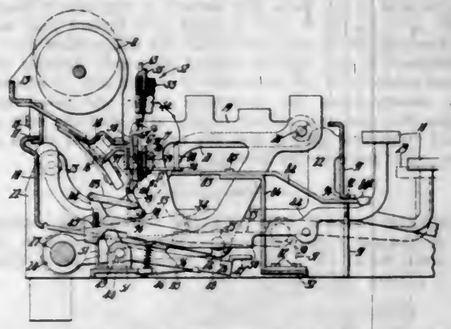
ber along the coplanar overlapping part whereby the flat outer skin forms a reinforcing and strengthening supplemental frame for transmitting all the loads and the stresses and the transverse double layers of metal along said transverse members form reinforcing means for the transverse members.

1,619,374. METHOD AND DEVICE FOR THE INCREASE OF FLOATING STABILITY OF AIRPLANES. ADOLF ROHRBACH, Berlin-Wilmersdorf, Germany. Filed July 14, 1924, Serial No. 725,833, and in Germany July 25, 1923. 9 Claims. (Cl. 244—29.)



1. An airplane including a lift reducing device associated with the main lifting wing area thereof and sufficiently co-extensive with the span of the craft to neutralize or reduce the lifting force of wind gusts thereon to a harmless degree while the craft is standing in exposed places, said lift reducing device being independent of and separate from but readily attachable to the craft while standing.

1,619,375. TYPEWRITING MACHINE. EDWARD G. ROWLEY, Belleville, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 19, 1923. Serial No. 669,447. 24 Claims. (Cl. 197—155.)

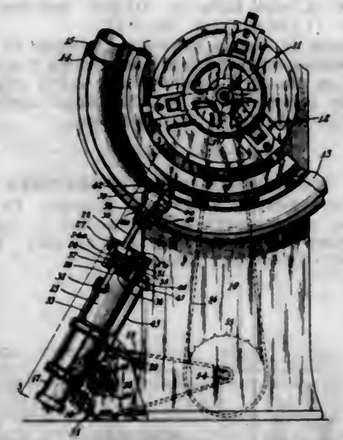


1. In a typewriting machine, the combination of a platen and a shift frame therefor shiftable to different case-positions, a vibratory ribbon-carrier on the shiftable frame, means wholly mounted upon the shiftable frame to predetermine the throw of the ribbon-carrier, including a ribbon-vibrator lever connected thereto and a rocker having spaced-off pivot-pins operable to engage with the vibrator-lever at different positions of its length, and key-actuated means to vibrate the lever.

1,619,376. LITHOPONE AND PROCESS OF INCREASING THE RESISTANCE THEREOF TO SUNLIGHT. HERMAN G. SCHANCHE, Philadelphia, Pa., assignor to E. I. Du Pont De Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 5, 1923. Serial No. 661,098. 18 Claims. (Cl. 134—78.)

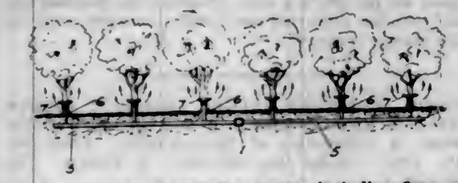
1. In the process of making lithopone the steps which comprise calcining and quenching the crude lithopone, wet-grinding the quenched product, and subjecting the ground lithopone to the action of an acid solution.

1,618,377. TIRE-BUILDING APPARATUS. MERLE C. SCROTE, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Apr. 29, 1924. Serial No. 709,795. 10 Claims. (Cl. 154—10.)



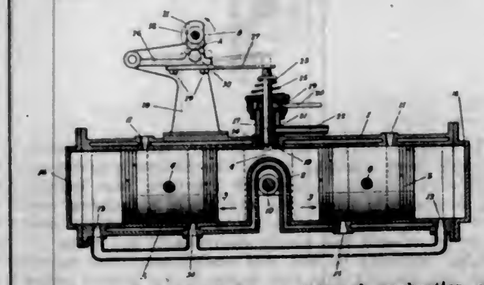
1. Tire-building apparatus including means for supporting and driving the work, a stitcher roller, means for quickly advancing the same approximately into engagement with the work, and means for thereafter advancing said roller radially of the work toward the latter's axis of rotation in determinate relation to the speed of the work.

1,619,378. SYSTEM OF FROST PREVENTION FOR ORCHARDS. JAMES SHAW, San Francisco, Calif. Filed Feb. 21, 1925. Serial No. 10,786. 3 Claims. (Cl. 126—59.5.)



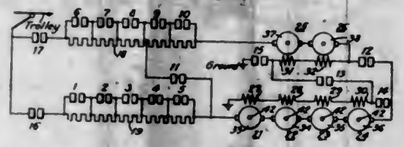
1. In an orchard warming system including flues projecting upwardly from the ground, means for supplying heated gases to the flues at the lower ends thereof, and enlarged hoods surmounting the flues a certain distance above the same.

1,619,379. FUEL-FEED DEVICE FOR INTERNAL-COMBUSTION ENGINES. JAMES SHAW, San Francisco, Calif. Filed Oct. 8, 1925. Serial No. 61,293. 3 Claims. (Cl. 123—32.)



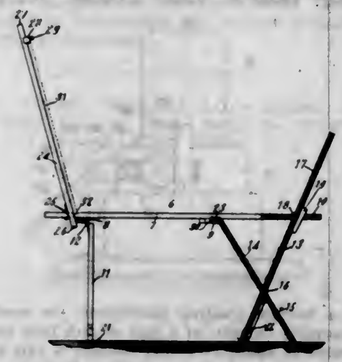
1. A fuel feed device for an internal combustion engine comprising a barrel communicating with the compression chamber of the engine, a plunger reciprocable in the barrel, means for feeding fuel into the barrel into the path of movement of the plunger, spring means tending to retract the plunger in the barrel, and yieldable means for advancing the plunger toward the inner end of the barrel.

1,619,380. MOTOR-CONTROL SYSTEM. ELDEN I. STAPLES, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 8, 1924. Serial No. 748,560. 10 Claims. (Cl. 105—29.)



3. In a motor vehicle, the combination with a vehicle having a plurality of wheels, of a motor for driving said wheels, means for mechanically connecting said motor to said wheels, a gear wheel mounted upon said vehicle for actuating said vehicle on heavy grades, a second motor for driving said gear wheel during abnormal operations, means for mechanically connecting said second motor to said gear wheel and means for energizing said motors to maintain the peripheral speed of said wheels and said gear wheel equal until said gear wheel actuates said vehicle.

1,619,381. COLLAPSIBLE CHAIR AND EASEL. WILLIAM J. STEWARD, Boston, Mass. Filed Apr. 12, 1924. Serial No. 706,052. 6 Claims. (Cl. 45—129.)



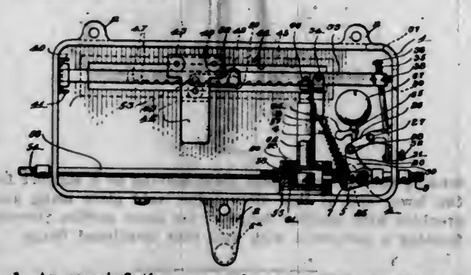
1. A collapsible chair and easel having, in combination, a seat comprising a single rigid member slotted longitudinally thereof, an arm projecting upwardly from the front end thereof and constituting a support for a drawing or the like, said arm being foldable into said slot, a leg attached to the front end of said seat and a pair of intersecting legs at the opposite end thereof.

1,619,382. FASTENER FOR ENVELOPES AND THE LIKE. JAY G. SWAN, Baldwin, N. Y., assignor to Tension Envelope Co. Inc., Brooklyn, N. Y., a Corporation of New York. Filed Aug. 10, 1925. Serial No. 49,493. 1 Claim. (Cl. 229—78.)



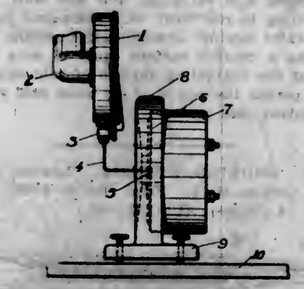
A fastener of the class described comprising a plate having a central portion and fingers projecting therefrom for the purpose set forth, said central portion being cut and formed to provide a plurality of pointed prongs disposed around a central aperture, said central portion of the fastener having raised ribs formed therein at opposite sides of and in concentric relation with said prongs, said ribs terminating at such points as to leave the said plate flat from the said central opening outwardly along said fingers.

1,619,383. OVERINFLATION-PREVENTING APPARATUS. CHARLES G. TIBBEL, Rochester, N. Y. Continuation of application Serial No. 719,454, filed June 11, 1924. This application filed June 16, 1925. Serial No. 37,585. 10 Claims. (Cl. 50—5.)



1. An over-inflation preventing apparatus comprising a valve controlling the supply of air to the device to be inflated, means for holding the valve normally closed, a detent for holding the valve open, means for opening the valve independently of said detent, mechanism responsive to the air pressure in the device being inflated, and a connection between said mechanism and the detent normally lying out of engagement with the latter and shifted into said engagement by said pressure responsive mechanism when the latter is operated by pressure in the device being inflated.

1,619,384. TELEPHONE ATTACHMENT FOR PHONOGRAPHS AND THE LIKE. HARRY R. VAN DEVENTER, New York, N. Y., assignor to Radio Patents Corporation, New York, N. Y., a Corporation of New York. Filed June 18, 1923. Serial No. 646,058. 2 Claims. (Cl. 179—100.1.)

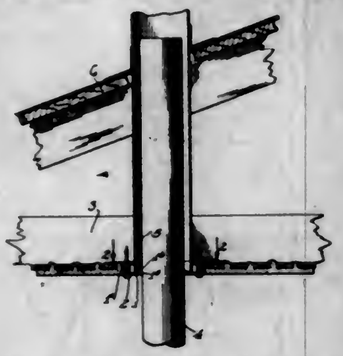


1. In a sound producing device, the combination with a phonograph reproducer embodying a needle holder, a telephone receiver embodying a vibratory member and an actuating coil mounted in operating proximity thereto, means for transmitting vibrations from said vibratory member to said needle holder, and a cap for said receiver adapted to hold said vibratory member in operative position and also serving as a support for the entire receiver.

1,619,385. WATER-HEATER-VENT-PIPE CEILING DEVICE. GEORGE L. WALLACE, San Diego, Calif. Filed Oct. 17, 1923. Serial No. 669,191. 1 Claim. (Cl. 126—317.)

In a device of the class described, the combination with a vent pipe and a sleeve pipe therefor, of a plate provided

with an opening in the middle portion thereof and an upwardly extending flange secured to said plate and surrounding said opening and spaced from the vent pipe ex-



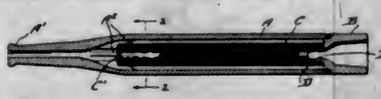
tending therethrough, said plate serving as a support for the lower end of said sleeve pipe, said plate being also provided with another flange at the outer portion thereof, forming a receptacle with said first mentioned flange.

1,619,386. RADIATOR AIR VALVE. ROBERT T. WARING and GEORGE W. STULTZ, Brooklyn, N. Y. Filed Feb. 19, 1926. Serial No. 89,283. 4 Claims. (Cl. 137—122.)



1. A device of the class described, comprising a tubular casing adapted for attachment to a radiator valve, said casing having an interiorly threaded portion adjacent one end thereof, the opposite end of said casing having a wall with a constricted opening therein, a removable valve-seat within said casing, a valve-disk loosely disposed between said valve-seat and said wall, said valve-disk operating to rest upon said valve-seat to close said radiator valve against atmospheric pressure, said valve seat having a contact surface equal in area to at least one-half of the contacting surface of said valve-disk and means to permit the escape of air when said valve-disk is moved against said wall.

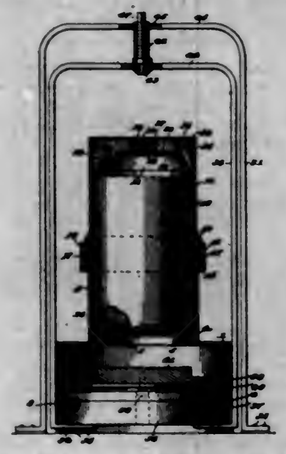
1,619,387. SMOKING UTENSIL. LESTER R. WAUGH, Mount Vernon, N. Y. Filed Oct. 5, 1925. Serial No. 60,477. 4 Claims. (Cl. 131—10.)



4. In a smoking utensil comprising a tubular barrel, the improvement which consists in a tubular filter axially disposed in the bore of said barrel and dividing the latter into a smoke inlet compartment within, and a smoke outlet compartment surrounding said filter, said filter incorporating a material having acid properties adapted to neutralize deleterious basic constituents of the smoke.

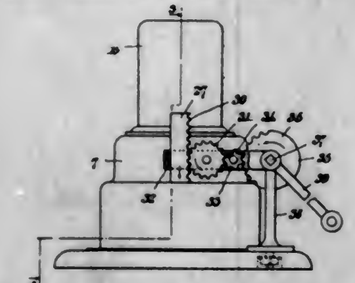
1,619,388. VACUUM-CREATING INSTRUMENT. FREDERICK V. WINTERS, New York, N. Y. Filed Feb. 19, 1924. Serial No. 693,847. 7 Claims. (Cl. 226—82.)

1. A vacuum creating instrument comprising a receptacle for enclosing a preserving jar, a cylinder communicating with said receptacle and having slots in its walls, a piston in said cylinder, and means for moving said piston extending through said slots, for withdrawing air from the jar and receptacle and absorbing it in said



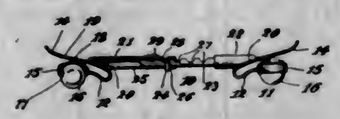
cylinder, said slots in said cylinder being positioned to be uncovered by the piston at the proper point in its movement for admitting atmospheric air to hermetically seal the jar.

1,619,389. VACUUM-CREATING INSTRUMENT. FREDERICK V. WINTERS, New York, N. Y. Filed Feb. 14, 1925. Serial No. 9,279. 2 Claims. (Cl. 74—14.)



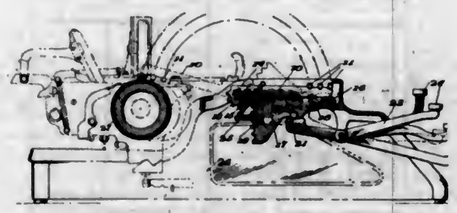
1. In a vacuum creating instrument, the combination with a movable member, of a pair of rack bars carried by said member at diametric points thereon, a pair of standards, gear frames comprising parallelly disposed side bars, substantially U-shaped and inclosing said rack bars at their bight portions the inner ends of said side bars having bearings, gears mounted between said side bars and operatively connected to said rack bars, and means carried by said standards and associated with the bearings of said frames for driving said gears simultaneously.

1,619,390. COLLAR FASTENER. FRANK WOLF, New York, N. Y. Filed Mar. 18, 1925. Serial No. 16,270. 9 Claims. (Cl. 24—81.)



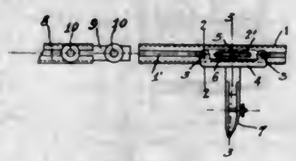
1. A fastener comprising an adjustable extensible longitudinal bar, clamping surfaces carried by each end of the bar and arranged at an angle thereto and clasps cooperating with said angular clamping surfaces.

1,619,391. TYPE-BAR MECHANISM. ALBERT N. WOODRUFF, Washington, D. C. Filed May 11, 1926. Serial No. 108,308. 4 Claims. (Cl. 197—28.)



1. In a typewriter, a type bar pivotally supported adjacent to one end and to normally extend forwardly in a substantially horizontal position and having at its rear pivoted end a lateral enlargement provided with lower teeth forming a curved gear surface along a line eccentric with respect to its pivot, a sub-lever pivotally mounted at its forward end and normally extending in a substantially horizontal position beneath the type bar with the upper portion of its rear end engaging the type bar adjacent to the pivoted end of the latter, said rear end of the sub-lever having a curved gear surface cooperating with the gear surface of the type bar, and said sub-lever having a lower rounded projection intermediate its ends and a key lever fulcrumed intermediate its ends and having its inner end provided with an upwardly facing engaging surface in contact with the rounded projection of the sub-lever, as described.

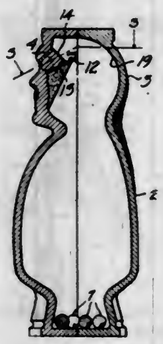
1,619,392. BEAM COMPASS. KAZUE AKASHI, Tokyo, Japan. Filed July 16, 1923. Serial No. 651,982. 1 Claim. (Cl. 33—158.)



In a compass of the character described, a hollow metallic beam provided with a longitudinal slot along one side face, a sliding piece adjustable within the beam and provided with a slot aligning with the slot in the beam, a support outside the beam, means whereby the support is fixed to the sliding piece, a shaft mounted in the support, an adjusting roller mounted on the shaft and arranged through the slots and in intimate contact with the inner surface of the beam opposite the slot so that upon rotation of the roller the sliding piece will be adjusted and a marking element connected with the sliding piece.

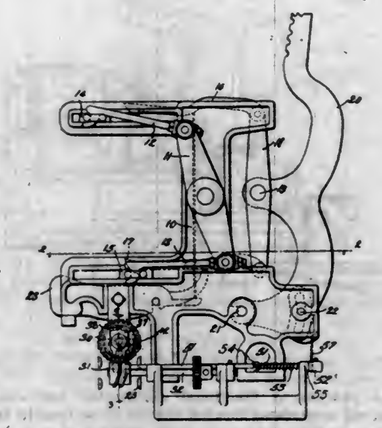
1,619,393. NOVELTY DOLL. GILBERT E. AUSTIN, Atascadero, Calif. Filed June 1, 1925. Serial No. 33,907. 8 Claims. (Cl. 46—40.)

7. A novelty doll comprising a hollow body member provided with one or more openings communicating with the interior of said member, and a plurality of sets of balls of different external characteristics and of greater size than said openings freely movable in said member



and arranged to engage in said openings one at a time, there being at least as many balls in each of said sets as there are openings.

1,619,394. LOOM DOBBY. HENRY BARDSLEY, Providence, R. I., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Mar. 22, 1923. Serial No. 626,841. 3 Claims. (Cl. 139—323.)



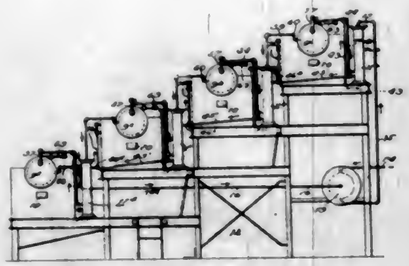
1. In a dobby, a main pattern cylinder adapted to control the weave of a portion of the width of a fabric and an auxiliary pattern cylinder rotatable about the same axis and adapted to control the weave of the remaining portion of the fabric, means to regularly advance the main cylinder, additional driving mechanism for periodically advancing the auxiliary cylinder, and means jointly controlled by said two pattern cylinders for maintaining said additional driving mechanism operative for a determined period.

1,619,395. TOOL. WILLIAM BARTELS, New York, N. Y. Filed Oct. 16, 1925. Serial No. 62,904. 8 Claims. (Cl. 77—76.)



1. In a tool, the combination with the tool shaft, of a tool-head comprising separate parts fitted to each other and adapted to operatively engage the work, a means yieldingly resiliently connecting said parts, and a means for separating said parts throughout their lengths so as to expand the tool-head.

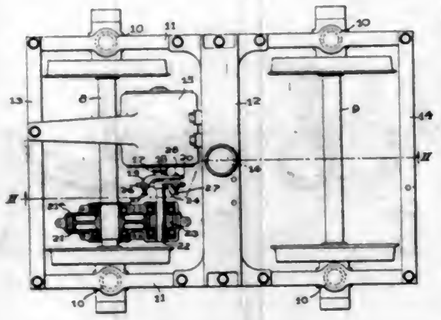
1,619,396. APPARATUS AND PROCESS FOR FRACTIONAL DISTILLATION AND CONDENSATION. JOHN S. BELL, Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Oct. 14, 1921. Serial No. 507,629. 15 Claims. (Cl. 196—73.)



1. A process of fractional distillation and condensation of oil comprising flowing the oil to be treated through a series of stills heated to successively higher vaporizing temperatures, heating the feed oil to each still by vapors from the same still, withdrawing the resulting condensate and heating each still by the remaining uncondensed vapors from the still at next higher temperature.

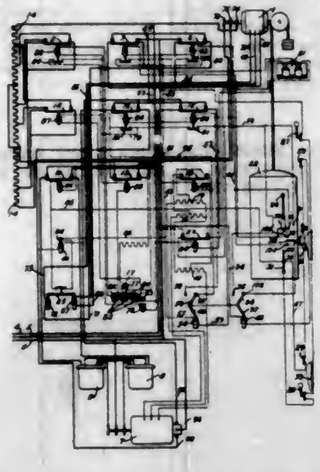
1,619,397. RAILWAY-MOTOR MOUNTING. CLAUDE BETHEL, Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 7, 1922. Serial No. 550,259. 7 Claims. (Cl. 105—109.)

1. In a railway vehicle, the combination with an axle and a frame yieldingly supported thereby, of a driving motor carried by the frame, a pinion shaft, a gear wheel secured to the axle, and a resilient connection between the



said pinion shaft and the driving motor, said resilient connection comprising a segment spring secured at its respective ends.

1,619,398. SYSTEM OF CONTROL. EDGAR M. BOUTON, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 7, 1921. Serial No. 505,982. 11 Claims. (Cl. 172—152.)

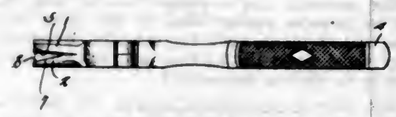


1. The combination with an elevator car and an alternating-current hoisting motor therefor, of means for supplying energy at different frequencies, means for selectively varying the frequency applied to said motor, and electroresponsive means for insuring gradual change in the value of frequency to insure an accurate and smooth stop of the elevator car.

1,619,399. PRODUCTION OF THIN STEEL. PORTER H. BRACE, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 14, 1921. Serial No. 444,989. 10 Claims. (Cl. 148—12.)

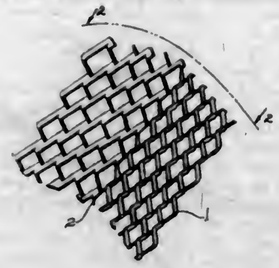
2. A method of producing thin steel sheets which comprises rolling the steel, annealing the same to reduce the grain size and then cold rolling and repeating the process.

1,619,400. PLIERS. GEORGE W. BRIGGS, Nanuet, N. Y. Filed Aug. 28, 1926. Serial No. 132,151. 1 Claim. (Cl. 294—43.)



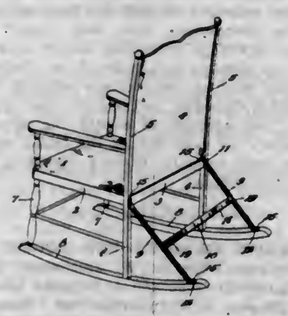
A pair of pliers comprising pivotally connected handles each provided with a first jaw and with a second jaw, located side by side, the first jaws being of polygonal cross section and being disposed opposite to each other, the second jaws being of approximately circular cross section to provide curved surfaces thereon, the second jaws being disposed opposite to each other, the first jaws having pronounced inner longitudinal edges which cooperate with the curved surfaces of the second jaws to hold an object, the said cylindrical surfaces serving to engage an object without marring it, the second jaws each being in the form of a cone, and one element of each cone forming an acute angle with respect to one of said inner longitudinal edges of the first jaws, thereby to enable the holding of objects of different diameters without changing the distance between the handles.

1,619,401. METAL-LATH CORNER STRIP. WILLIAM E. CAMPBELL, San Diego, Calif., assignor of one-third to Amy Hicks, San Diego, Calif. Filed Jan. 29, 1926. Serial No. 84,545. 3 Claims. (Cl. 72—121.)



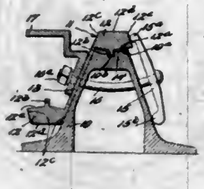
2. A metal lath corner strip for right angle corners of a room, said strip being made of perforated metal and formed as a long angular strip, the angle between the sides thereof being obtuse.

1,619,402. CHAIR BRACE. GEORGE W. CARTER, Canonsburg, Pa. Filed Apr. 26, 1926. Serial No. 104,749. 2 Claims. (Cl. 155—197.)



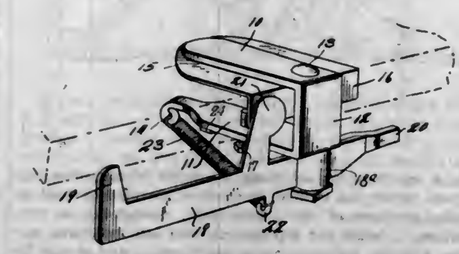
1. A chair brace comprising struts having their end portions provided with feet adapted to be secured to rockers and the rear legs of a chair, ears extending from the inner sides of said struts intermediate their ends, and a cross bar formed of companion strips secured at their outer ends to said ears, said strips being overlapped and adjustably secured together to retain the struts in predetermined spaced relation to each other.

1,619,403. RAIL. WILLIAM G. COUGHLIN, Philadelphia, Pa. Filed Nov. 2, 1926. Serial No. 145,883. 10 Claims. (Cl. 238—132.)



1. In a compound rail, in combination, an inverted U-shaped base having a top surface comprising two inclined faces sloping toward the center and a rectangular groove along the center, a detachable head section having a support surface comprising two inclined faces sloping toward the center and a rectangular rib along the center, said support surface of the head section being adapted to be seated on the top surface of the base, bolts extending through the legs of said base, and means engaged by said bolts for detachably securing said head section to said base.

1,619,404. FOOT SCRAPER FOR AUTOMOBILES. LEROY J. CROWE, Monument, Kans. Filed Mar. 6, 1926. Serial No. 92,874. 5 Claims. (Cl. 15—237.)

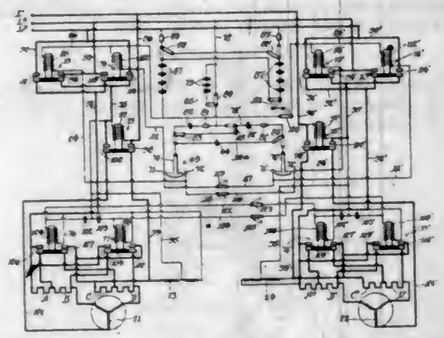


1. A foot scraper for automobiles including a clamp adapted to embrace the running board of an automobile and be engaged therewith, a scraper pivotally mounted upon the clamp for movement into a projected position, a spring urging the scraper into a position at right angles to the clamp and parallel to the running board, a stop limiting the movement of the scraper in this direction, means for latching the scraper in a projected position.

1,619,405. ELEVATOR. JAMES DUNLOP, Chicago, Ill., assignor to Kaestner & Hecht Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 12, 1925. Serial No. 14,857. 33 Claims. (Cl. 187—29.)

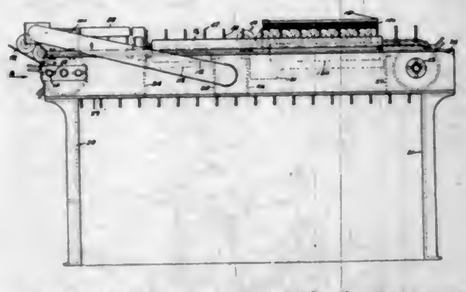
15. An elevator having, in combination, two elevator units each of which comprises a cage, a counterweight, and means for driving said cage, and a set of control circuits for said driving means, a hatchway in which said cages are mounted for movement side by side, gates in the adjacent sides of said cages, switches controlled by said gates and forming part of each set of control circuits, said switches acting to prevent independent operation of said units when said gates are open, means for connecting said counterweights, and interlocking

switches controlled by said connecting means and forming part of said sets of control circuits, said interlocking switches serving to prevent independent operation of said



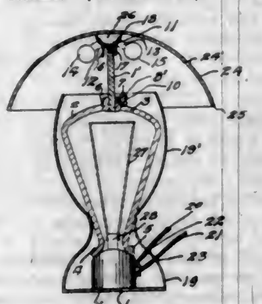
units when said counterweights are connected and serving to prevent joint operation of said units when said counterweights are disconnected.

1,619,406. ARMATURE-COMMUTATOR-LEAD-SOLDERING MACHINE. RODGER J. EMMERT, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Apr. 28, 1925. Serial No. 26,420. 9 Claims. (Cl. 113—59.)



1. A machine for soldering the leads of armature conductors which are located in notches provided by lead receiving portions of the commutator, comprising in combination, a device for fluxing only the lead receiving portions, a device for applying solder thereto, and means for conveying the armature successively to said devices.

1,619,407. RADIO APPARATUS. EDWARD H. EVERS, Cincinnati, Ohio. Filed Apr. 18, 1925. Serial No. 24,249. 5 Claims. (Cl. 181—27.)



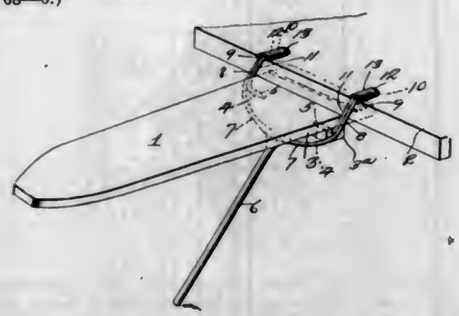
1. In a device of the class described, a sound wave reproducing unit having a sound wave exit, a pair of spaced apart supports fixed to said unit, a vertical rod detachably secured to the upper ends of said supports, a casing concealing said unit and said supports, an outwardly tapered tube secured to said unit adjacent said exit and extending upwardly, and a concavo-convexo lamp shade having its concave surface fixed to the upper end of said rod and having its outer rim extending downwardly, whereby sound waves issuing from said tapered tube are adapted to be directed downwardly.

1,619,408. SAFETY CIGARETTE HOLDER. CLARENCE E. FERGUSON, Portland, Oreg. Filed Aug. 27, 1925. Serial No. 52,791. 2 Claims. (Cl. 131—10.)



2. A safety cigarette holder, consisting in a mouth-piece having a cylindrical hub at one end, a tubular barrel adapted to be secured at one end upon said hub to receive a cigarette in axial alignment therein that is secured in said mouth-piece, said barrel having a longitudinally disposed groove upon one side to receive ashes from a burning cigarette, a closure-cap hingedly connected to the end of the barrel provided with a plurality of ventilating apertures, and a shutter on said cap arranged to close said apertures.

1,619,409. IRONING BOARD. DAVID WILLIAM FERGUSON, Harrold, S. Dak. Filed Apr. 24, 1924. Serial No. 708,716. Renewed July 20, 1926. 1 Claim. (Cl. 68—6.)

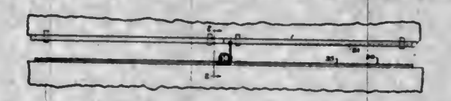


The combination with an ironing board adapted to be clamped on the edge of a horizontally disposed support, of a supporting leg and clamp, said supporting leg comprising a floor engaging member, the upper end of said floor engaging member terminating in a U-shaped portion having arms extending upwardly above the ironing board and rearwardly horizontally, the ends of said arms terminating in members formed by bending said arms backwardly on themselves, said last named members terminating in inwardly extending axially aligned arms intermediate the ends of the arms of the U-shaped portion and having bearings on opposite sides of the board, said horizontally disposed portions of said arms forming clamping jaws adapted to engage the upper side of the support when the rear end of the board engages the under side of said support, thereby clamping the ironing board on the support.

1,619,410. KNIFE GRINDER FOR LOOMS. GEORGE P. FINDLAY and WILLIAM W. JOHNSTON, Worcester, Mass., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Nov. 19, 1923. Serial No. 675,467. 8 Claims. (Cl. 51—249.)

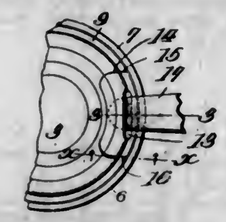
1. A mechanism for grinding the knives of a carpet loom comprising a pair of guide bars, means to secure

said bars in position on said knives when said knives are in spaced relation, and a sliding frame supporting a grind-



ing wheel and driving mechanism therefor, said frame being movable on and guided by said bars to present said wheel in predetermined relation to a knife edge.

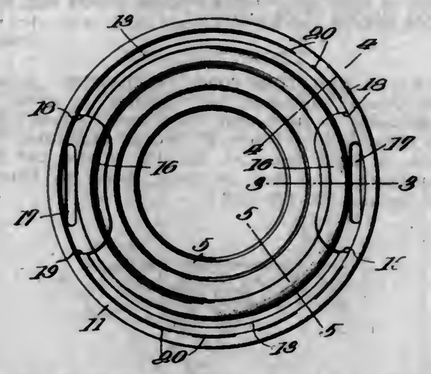
1,619,411. SEALED METAL CONTAINER. HENRY A. FINK, Syracuse, N. Y., assignor to Continental Can Company, Inc., Syracuse, N. Y., a Corporation of New York. Filed Aug. 16, 1923. Serial No. 657,725. 1 Claim. (Cl. 220—61.)



A sealed metal container comprising a body portion having an outwardly extending flange, an end having a centrally disposed portion adapted to extend into and frictionally engage the inner surface of the wall of the container body, a flange overlying the flange on the body portion, an endless sealing ring having an imperforate portion overlying the end flange, said sealing ring having a vertical wall at its inner edge extending into the central depression in the end, a substantially horizontal inwardly projecting portion at the lower end of said vertical wall, an integral breaking member extending inwardly from said horizontal portion at the lower edge of the vertical wall, said horizontal portion of the sealing ring at the lower edge of the vertical wall being formed with slits in line with the side edges of the breaking member, said breaking member having means whereby the same may be raised and pried upon for breaking the sealing ring, said sealing ring having an imperforate portion extending down over the edges of the two flanges and underneath the flange on the body portion of the container, said portion of the sealing ring beneath the body flange being shaped vertically and horizontally to conform to the under surface of said flange whereby said sealing ring may be applied to the container and bumped into close contact with the flanges thereof, so that said container may be tightly sealed, said flanges having a sealing material placed therebetween prior to the applying of the sealing ring to the container.

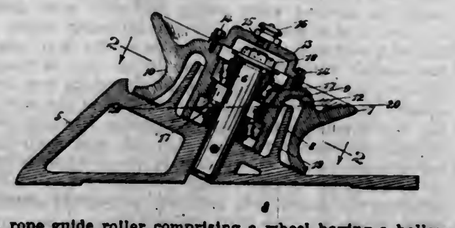
1,619,412. SEALED METAL CONTAINER. HENRY A. FINK, Syracuse, N. Y., assignor to Continental Can Company, Inc., Syracuse, N. Y., a Corporation of New York. Filed Aug. 16, 1923. Serial No. 657,726. 2 Claims. (Cl. 220—61.).

1. A sealed metal container comprising a cylindrical body portion having an outwardly extending flange, an end having a central depression adapted to frictionally engage the inner surface of the wall of the body portion of the mouth thereof, said end having an outwardly extending flange adapted to overlie the flange on the body portion, an integral sealing ring overlying the flange on the end and extending down into said depression in the end, said sealing ring at the outer edge thereof extending downwardly across the flanges and adapted to be turned underneath the flange on the body portion for holding said flanges in tight engagement and sealing the container, a sealing means between the flanges, said sealing ring having an inwardly projecting breaking member at the inner lower edge of the ring, the vertical



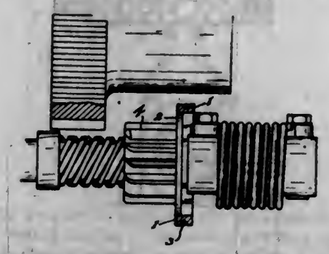
wall of the sealing ring being provided with cut-away portions to aid in releasing the ring after it is torn across through the aid of the breaking member.

1,619,413. ROPE-GUIDE ROLLER. RUDOLPH H. FOX, Denver, Colo. Filed May 12, 1924. Serial No. 712,686. 1 Claim. (Cl. 254—190.)



A rope guide roller comprising a wheel having a hollow hub and an annular recess exteriorly thereof, a support having a circular wall extending in the recess in spaced relation to the hub to provide an outer oil compartment, a slanting shaft on the support coaxial with the hub and in spaced relation to the wall thereof to provide an inner oil compartment, upper and lower bearings supporting the wheel on the shaft within the hub, the compartments being in communication to conjointly provide an oil reservoir the outer wall of which terminates in a plane above the lower bearing.

1,619,414. STARTER FOR GAS ENGINES. HARRY WILLIAM GAULD, Brandon, Manitoba, Canada. Filed Oct 13, 1921, Serial No. 507,522. Renewed Oct. 22, 1926. 1 Claim. (Cl. 74—7.)



The combination with a conventional engine starter of the type including a driving gear, a driven screw threaded shaft and a pinion having threaded engagement with the

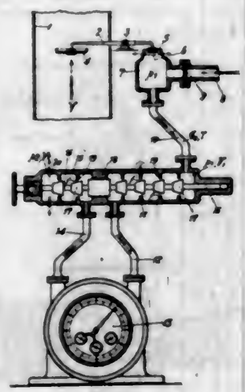
shaft to advance toward the driving gear during rotation of the shaft, of a driving member attached to the said pinion and means for driving said member to cause the pinion to rotate and to mesh with the driving gear prior to the starting of the starter.

1,619,415. ARMATURE-CORE INSULATION. ALBERT B. GOMORY, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Original application filed Feb. 3, 1923, Serial No. 616,842. Divided and this application filed Sept. 26, 1924. Serial No. 740,057. 3 Claims. (Cl. 171—206.)



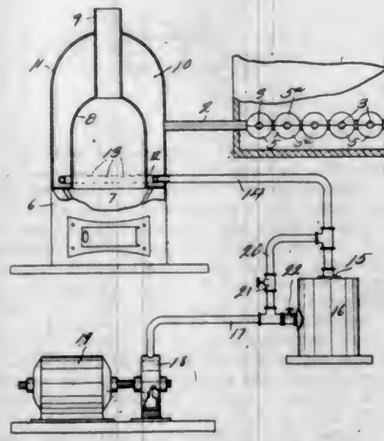
1. The process of making an armature, having a core provided with open slots which are defined by spaced core teeth having stem portions which are narrower than the portions of the teeth adjacent their outer peripheries, which includes placing within each slot an insulating member which lines the bottom of the slot and portions only of the sides of the slot, placing over each tooth an insulating member which covers the tooth outer periphery and is provided with portions extending within the slot and overlapping those portions of the first insulating member which line the sides of the slot, in winding wire into each slot to cause the bottom of the first lining member to be drawn against the bottom of the slot and the overlapping portions of both lining members to be pressed against the sides of the slot, said overlapping portions sliding the one relative to the other in order to conform to the core teeth sides, and then removing those portions of the second mentioned insulating members which cover the teeth outer peripheries.

1,619,416. FLUID-FLOW METER. BENJAMIN GRABMIGER, Zurich, Switzerland. Filed May 8, 1925, Serial No. 28,908, and in Switzerland May 16, 1924. 4 Claims. (Cl. 73—167.)



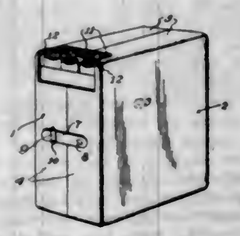
1. An apparatus for the automatic integration of quantities of fluid flowing through a conduit during periods of any desired length, comprising in combination; a pressure chamber provided with an outlet opening, means to supply a fluid under pressure to said chamber, a valve device to control the outlet opening of said chamber, a movable resistance body to be placed within said conduit and spaced from the walls of the conduit to permit passage of the fluid past said member under all conditions of operation, means connecting said movable resistance member to the valve-device for moving the latter upon a movement of the resistance member to change the specific pressure in said chamber, a meter for measuring the volumes of fluid and provided with an inlet and outlet, means for connecting the interior of said pressure chamber to the inlet of said meter to measure the unvented fluid passing from said chamber into the meter, and a throttling device interposed between said chamber and said meter.

1,619,417. GRAIN CONDITIONER. JOSEPH L. GUINAN, Omaha, Nebr. Filed Apr. 10, 1926. Serial No. 101,151. 1 Claim. (Cl. 98—55.)



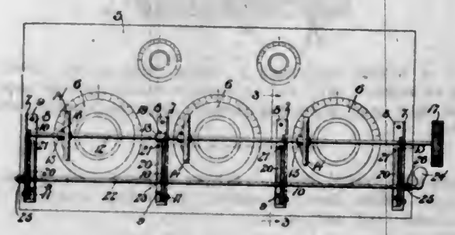
The combination with a grain bin, an air supply pipe extending into said bin adjacent its lower end, a plurality of horizontally disposed pipes carried by the air supply pipe and having perforations in their upper sides and a plurality of discs vertically disposed and surrounding the branch pipes between the perforations thereof.

1,619,418. CIGARETTE CASE. WILLIAM D. HEAP, Two Rivers, Wis. Filed Aug. 11, 1926. Serial No. 128,602. 1 Claim. (Cl. 206—41.)



A receptacle for a package of cigarettes, said receptacle comprising companion sections, each having a main wall and side and end walls projecting therefrom and having edge to edge contact with correspondings walls of the other section, a hinge having pivotally connected leaves secured against certain of the contacting side walls of said sections and hingedly connecting the sections for swinging movement into and out of a closed position, corresponding corner portions of said sections having their meeting side and end walls formed with recesses registering to provide an opening of less depth than the receptacle and through which cigarettes placed in the receptacle may be extracted, and means to releasably hold said receptacle forming sections closed.

1,619,419. FRICTIONAL-UNIT CONTROL FOR MULTIDIAL RADIO SETS. WILLIAM T. HERRICK, Tulsa, Okla. Filed July 9, 1926. Serial No. 121,388. 6 Claims. (Cl. 74—7.)



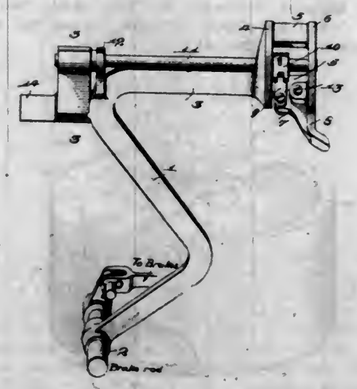
2. The combination with a plorality of rotatable dials arranged side by side, of a unit control device therefor, comprising a shaft disposed transversely in front of the dials, friction wheels secured on the shaft, parallel arms in which the shaft is journaled, spring means acting on said arms to cause said friction wheels normally to bear against the respective dials, a second shaft mounted for rocking movement and having cam slots adjacent the rear edges of said arms, and means for rocking said second shaft to cause the edges of said slots to engage the arms and move the latter forwardly in opposition to said spring means, thereby disengaging the friction wheels from the dials.

1,619,420. DISPLAY RACK. CHARLES H. HOTH, Postville, Iowa. Filed Aug. 20, 1925. Serial No. 51,426. 1 Claim. (Cl. 211—15.)



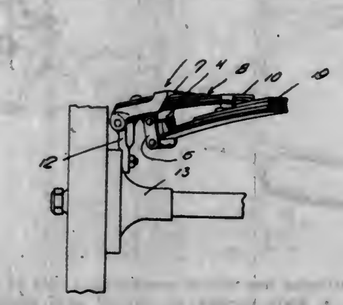
A display rack including a base plate, a plurality of transverse partitions rigidly mounted upon the base plate in spaced relation, and vertical strips rigid with the rear edges of the partitions and projecting laterally beyond opposite sides of the latter, said partitions having laterally directed ears upon the forward lower portions thereof, the lower ends of said strips and said ears respectively engaging the rear and front edges of the base plate and secured to the latter, said base plate having a plurality of transverse grooves in which the lower edge portions of the partitions are seated, and said base plate further having recesses in its edges in which the lower ends of the strips and the ears are respectively seated.

1,619,421. MOTOR-VEHICLE CONTROL PEDAL. HARRY E. HULL, Washington, D. C. Filed July 2, 1926. Serial No. 120,166. 8 Claims. (Cl. 74—81.)



1. In a motor vehicle having an engine with a fuel supply control, road wheels with brake mechanism therefor driven by the engine, an operating lever for said brake mechanism, said lever including a stem; a revoluble element extending along the stem, a plate carried at one end of said element, a pedal member mounted to be rocked in the general direction of movement of the brake lever, said rocking movement being independent of the braking movement of the lever, and means for translating the rocking movement of said pedal member into turning movement of said element and plate to actuate the fuel supply control.

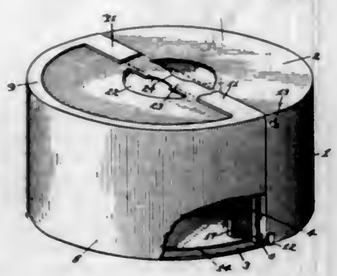
1,619,422. AUTOMOBILE SHOCK ABSORBER. ADOLPH JENSCHKE, Fredericksburg, Tex. Filed Sept. 14, 1925. Serial No. 56,314. 1 Claim. (Cl. 267—19.)



As a new product of manufacture, an automobile shock absorber comprising, in combination, a spring chair embodying a channel-shaped member having a diagonally disposed U-shaped part at one end forming a spring bridge, having depending apertured ears at its opposite end and on its bottom and an intermediate hanger

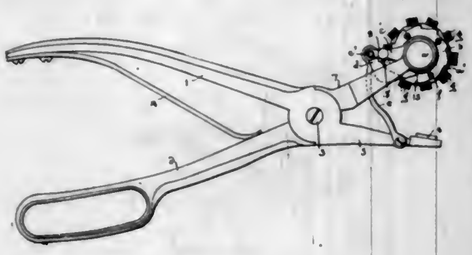
loop on the center of its bottom, a mounting perch comprising a single casting having its opposite ends offset in lateral directions and formed with openings, one of said ends being pivotally confined between said ears, an auxiliary leaf spring having one end fitted into said chair between the side portions of the channel, said bridge extending transversely across the top leaf of the spring, a yoke connected to one of the leaves of said spring, and an anti-friction roller slidably and rotatably mounted on the free end portions of the arms of said yoke.

1,619,423. CAKE BOX. FRANCESCA KORN, San Francisco, Calif., assignor of one-half to Carrie Seiler, San Francisco, Calif. Filed Feb. 11, 1926. Serial No. 87,603. 10 Claims. (Cl. 220—41.)



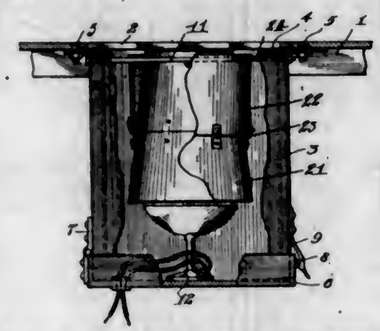
1. A cake box comprising a cylindrical container closed at top and bottom and having a semi-circular opening in one side thereof to admit a cake; and a semi-circular cover slidably connected to the container and arranged to be moved upwardly relative to the container to open and close the opening.

1,619,424. ANIMAL MARKER. FORTUNATO LATAGLIATA, Buenos Aires, Argentina. Filed Mar. 24, 1922, Serial No. 546,427, and in Argentina Oct. 15, 1919. 3 Claims. (Cl. 128—333.)



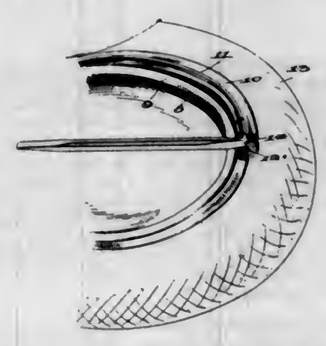
1. A tattooing instrument comprising a pair of pivoted members, a plate carried by one of said members, a shaft journaled in the other member, a plurality of type elements journaled on said shaft, ratchet teeth carried by the type elements, a frame pivoted on said shaft laterally of said type elements, pawls carried by said frame adapted to cooperate with said ratchet teeth, and a link connection between the first mentioned pivoted member and said frame to oscillate the latter incident to relative movement of the pivoted members.

1,619,425. HEATER. LOUIS JOSEPH LÉVESQUE and JOSEPH LEBARD, Bagotville, Quebec, Canada, assignors to Le Chauffage Electrique Ideal Limitee, Bagotville, Quebec, Canada. Filed May 6, 1926. Serial No. 107,206. 2 Claims. (Cl. 219—34.)



1. A heater comprising a casing, said casing including an asbestos skirt and an annular trough mounted over said skirt, and a heating element disposed beneath said skirt.

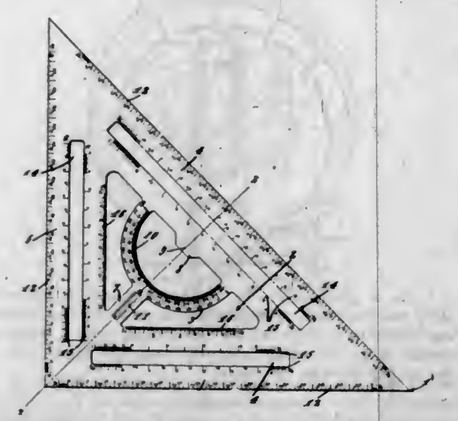
1,619,426. TIRE TOOL. ALBERT FREDRIC LEW, Baker, Oreg. Filed Dec. 10, 1924. Serial No. 755,010. 1 Claim. (Cl. 157—6.)



A tire tool for removing locking rings from rims comprising a bar reduced adjacent one end and provided at said end with an enlarged foot consisting of a toe portion projecting in one direction and having a rounded terminal, and a heel portion projecting in the opposite direction and having a relatively sharp terminal, the end surface of said enlarged foot being rounded along an arc extending continuously and uniformly between the terminals of the toe and heel portions, said toe and heel portions projecting beyond the corresponding adjacent surfaces of the bar and merging into the said surfaces of the bar along regular concave lines adapting the reduced portion of the bar adjacent to the said head to conform to the curvature of a rim and its locking ring when the said bar is extended at its reduced portion therebetween.

1,619,427. DRAWING INSTRUMENT. THOMAS F. MCCAFFERY, Jr., Colorado Springs, Colo. Filed Oct. 7, 1924. Serial No. 742,202. 1 Claim. (Cl. 33—104.)

In a device of the class described, a frame of triangular outline, and having an opening the edges of which, throughout a major portion of their length, are parallel to the outer edges of the frame, a semi-circular protractor in the opening and joined at its ends to one side member of the frame whereby said side member will form a base for the protractor, the other side members of the frame constituting guards for the protractor, and an arm extended from the intermediate portion of the protractor to the place of juncture between said other side members of the frame and serving to hold the protractor and the



frame against bending out of a common plane, the arm having an elongated opening the prolonged axis of which passes through the external angle defined by the outer edges of said other side members, and through the 90° mark of the protractor.

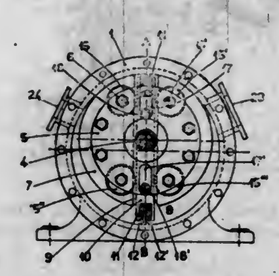
1,619,428. METHOD OF MANUFACTURING BRUSHES. HUGH P. MCMILLAN, Baltimore, Md., assignor to Samuel M. Dell & Co., Inc., Baltimore, Md., a Corporation of Maryland. Filed Apr. 23, 1926. Serial No. 104,154. 3 Claims. (Cl. 300—21.)



1. The method of manufacturing brushes which comprises forming stock into a bunch and treating it with rubber solution to form a knot, inserting a plug in the knot, vulcanizing the rubber, forming a handle attaching means in the plug while in the knot, and attaching a handle to the handle attaching means.

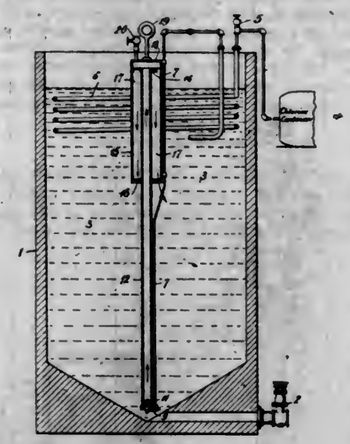
1,619,429. BLADE PUMP. ARTHUR MAILLEFER, Lausanne, Switzerland. Filed Nov. 12, 1926, Serial No. 148,027, and in Switzerland Aug. 29, 1925. 3 Claims. (Cl. 103—137.)

1. A blade pump, characterised by the feature that it comprises a fixed cylinder provided with suction and delivery orifices in the interior of which moves a rotatable cylinder, the shaft of which is placed eccentrically in such a way that the periphery of the rotatable cylinder penetrates slightly into the fixed cylinder with which it thus presents a large contact zone a suction and delivery space, the rotatable cylinder comprising a central transverse slot, in which moves transversely a blade, the ends of which are provided with packing plates which come into contact with the inner walls of the fixed cylinder, the blade being given rectilinear to-and-fro movement relatively to the rotatable cylinder by means of a ball bearing eccentric relatively to the shaft of the rotatable cylinder in the lateral wall of the fixed cylinder, the inner



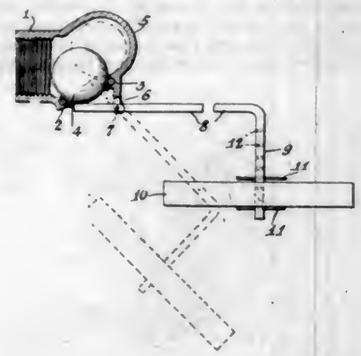
bearing ring of which ball bearing also comprises a circular cavity placed eccentrically relatively to the first ball bearing, in the interior of which cavity is located a second ball bearing the inner bearing ring of which is connected to the blade by pins, the whole arrangement being so constructed that when the rotatable cylinder makes one turn the blade is driven alternately in one direction and the other in such a way that its issuing end is constantly in contact with the inner wall of the fixed cylinder.

1,619,430. GAS-ABSORPTION APPARATUS. MAX MAURAN, Niagara Falls, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y., a Corporation of Virginia. Filed Sept. 18, 1923. Serial No. 663,574. 4 Claims. (Cl. 261—77.)



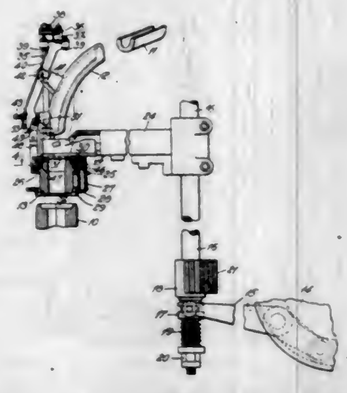
1. Gas absorption apparatus comprising a tank adapted to contain liquid, a vertically arranged tubular passage in said tank, the lower end of said passage being in open communication with said tank, a casing covering the upper end of said passage, said casing opening downwardly below the normal liquid level in the tank, and means to introduce gas into the lower portion of said passage below the point at which said casing opens into said tank.

1,619,431. AUTOMATIC VALVE AND FLOAT FOR DRINKING TROUGHS AND THE LIKE. ALBERTO MENDIZÁBAL, Buenos Aires, Argentina. Filed May 12, 1926. Serial No. 108,598. 3 Claims. (Cl. 137—104.)



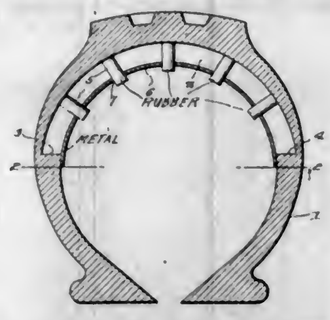
1. A valve and float for drinking troughs consisting of a valve chamber of cast iron having an inlet opening and an outlet opening, the latter provided with a recess in its wall, a rubber ring in said recess forming a seat, a heavy ball valve within said chamber normally resting upon said seat to close said outlet, the chamber having an extension out of line with the line of flow of the liquid, a lever pivoted to the said chamber and having one of its arms bent so as to extend downwardly, and a wooden float adjustable on said arm and adapted to be fixed thereto at a suitable height, said valve adapted to be moved by the other arm of the lever into said extension of the valve chamber when the downwardly bent arm of the lever is lowered in the trough.

1,619,432. GUIDING DEVICE FOR MOLTEN GLASS. VERGIL MULHOLLAND, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Jan. 6, 1922. Serial No. 527,300. 18 Claims. (Cl. 49—14.)



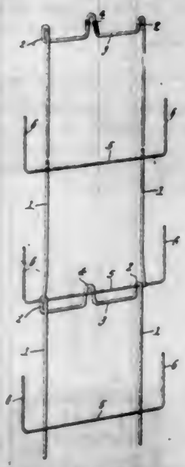
1. Apparatus for controlling the delivery of mold charges to a mold, comprising a plurality of relatively movable guiding members for the charges, one of said members being arranged to be moved by the mold and to thereby actuate another of the guiding members, to maintain them in proper alignment with each other.

1,619,433. PUNCTUREPROOF PNEUMATIC TIRE. MARTIN L. PAULSON, Fort Snelling, Minn. Filed May 5, 1926. Serial No. 106,898. 3 Claims. (Cl. 152—18.)



1. In a pneumatic tire casing, a metallic protector plate substantially semi-circular in cross section extending circumferentially within the casing, and a series of rubber plugs extending inwardly from the inner wall of the casing through the plate.

1,619,434. DEVICE FOR DISPLAYING CARDS, ETC. ANDREW REESE, Massillon, Ohio. Filed Apr. 26, 1926. Serial No. 104,810. 1 Claim. (Cl. 40—124.)



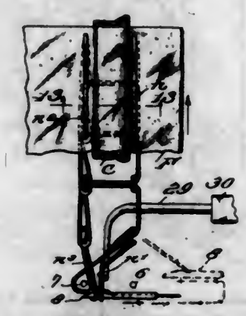
An article of the class described, comprising side pieces and cross arms joining the side pieces, the cross arms having angularly disposed fingers located about parallel with the side pieces but spaced therefrom, the fingers and the side pieces cooperating to hold an article.

1,619,435. METHOD OF PRODUCING MODELS OF BUILDINGS AND THE LIKE. MAX RICHARD RETTIG, Koenigsberg, Germany, assignor to Festbaukasten Gesellschaft mit beschrankter Haftung, Berlin, Germany. Filed Jan. 21, 1926, Serial No. 82,744, and in Germany Jan. 25, 1924. 3 Claims. (Cl. 35—12.)



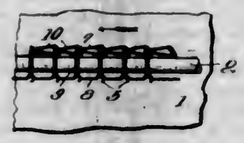
1. Building models composed of building blocks and a binding and plastering medium adapted to set quickly and hard, and to be readily dissolved in water after the hardening.

1,619,436. SEWING MACHINE FOR CORDING. CHARLES F. RUBEL and FRANK KUCERA, Chicago, Ill., assignors to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois. Filed July 12, 1926. Serial No. 121,918. 8 Claims. (Cl. 112—2.)



2. A sewing machine including in combination a cloth plate, a rib on said cloth plate, a presser foot cooperating with said rib for forming a ridge in the material being stitched, a pair of needles located one on each side of said rib, a thread-carrying looper cooperating with said needles, a thread positioning finger and means for operating said finger, whereby said finger is moved across the looper and then forward against the needle thread loop thereon adjacent the heel of the looper for moving said loop forward on the looper so that the looper thread loop is entered only by the needle adjacent the point of the looper.

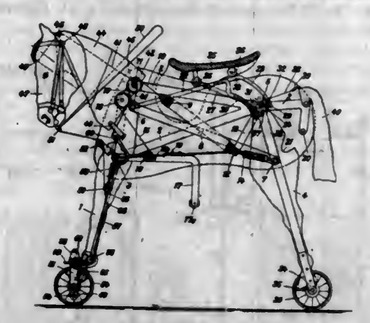
1,619,437. SEAM FOR SEWED ARTICLES. CHARLES F. RUBEL and FRANK KUCERA, Chicago, Ill., assignors to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois. Filed July 12, 1926. Serial No. 121,919. 1 Claim. (Cl. 112—262.)



A seam for sewed articles comprising a body fabric, having a ridge therein, a cord located in the recess on the under face of the fabric formed by said ridge, stitching threads disposed along the right side of the fabric and formed into directly opposed thread loops extending through the fabric at opposite sides of said ridge and cord, a thread on the under face of the fabric parallel with the cord and extending along one of the rows of thread loops, said thread being formed into loops passing through the directly opposed loops and crossing the cord substantially at right angles, said under thread loops being secured by the thread loops on the opposite side of the cord from that where the thread is laid.

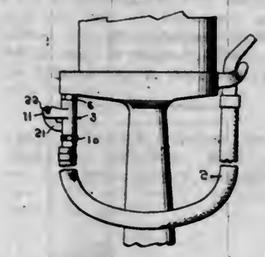
1,619,438. APPLIANCE FOR PRACTICING RIDING SPORT. WALTER SCHOENKE, Lichterfelde, near Berlin, Germany. Filed Oct. 8, 1925, Serial No. 61,272, and in Germany Apr. 1, 1924. 39 Claims. (Cl. 208—42.)

1. In an appliance for practicing riding sport, the combination of two legs adapted to be alternately spread apart and contracted, one of said legs being mounted as a double lever, a spring for contracting said legs, said spring being associated with means for imparting a preliminary tension thereto, when in position of rest, a flexible connection between one end of said spring and the upper end of the one of said legs, and a guiding means



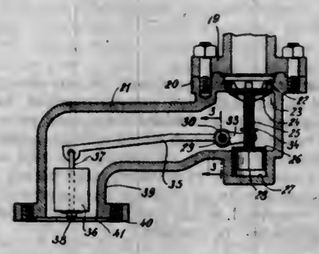
around which said connection is carried, said guiding means being adapted to change the direction of said connection.

1,619,439. HOSE CONNECTION. WILLIAM T. SKILLERN, Boise, Idaho. Filed Feb. 10, 1925. Serial No. 8,146. 6 Claims. (Cl. 285—110.)



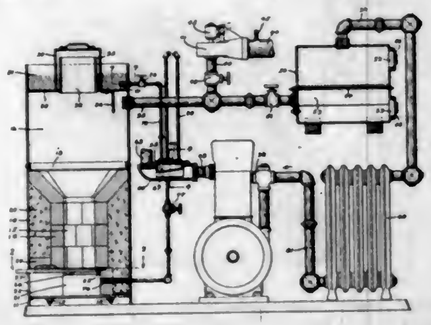
1. A hose connection for pumps or the like, including two tubular parts, one provided with a channel-shaped recess extending lengthwise of the same, and having its bottom surface substantially parallel to the axis of said parts, the other tubular part having a tubular extension occupying said recess, interlocked arms connecting said parts, and means for locking the tubular extension in said recess.

1,619,440. PRESSURE STILL. ALFRED J. SLOAN, Kansas City, Kans., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Sept. 15, 1923. Serial No. 662,797. 11 Claims. (Cl. 196—137.)



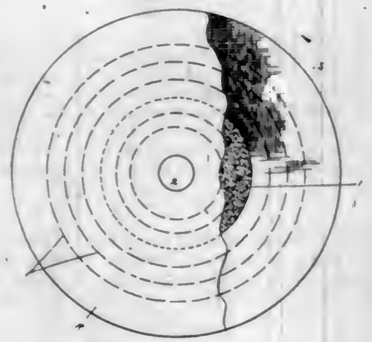
3. A pressure still for cracking hydrocarbons, having a condenser maintained at a lower pressure than the pressure in the still, a vapor line leading from the still to the condenser, a pressure reducing valve in the vapor line, and a by-pass around this valve which includes an automatic self-contained relief valve.

1,619,441. GAS-GENERATING APPARATUS. HARRY F. SMITH, Dayton, Ohio, assignor to The Gas Research Company, Dayton, Ohio, a Corporation of Ohio. Filed May 16, 1921. Serial No. 469,977. 11 Claims. (Cl. 123—3.)



1. A gas generating system comprising in combination, a producer; a gas engine connected thereto and adapted during operation to furnish the suction for causing operation of the producer; and a flash boiler vaporizer associated with the exhaust of the engine, said vaporizer being connected to the air supply of the producer to supply moisture thereto during operation and means for feeding water to said boiler at a rate proportionate to the rate of gas generation.

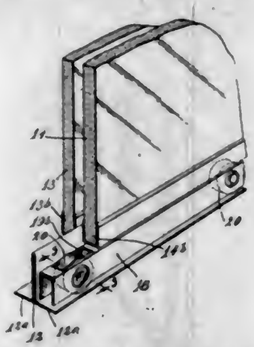
1,619,442. POLISHING WHEEL. JOHN STEINER, Poughkeepsie, N. Y. Filed Dec. 16, 1924. Serial No. 756,201. 3 Claims. (Cl. 51—193.)



1. A polishing wheel composed of an inner porous portion and an outer portion secured together, said inner portion being comprised of felted fibers, said outer portion including a structure through which abrasive particles may pass comparatively readily, but adapted to hold and move them over a surface to be abraded, said porous portions being impregnated with an abrasive compound and adapted to feed the compound to the outer portions by centrifugal action as said wheel is revolved.

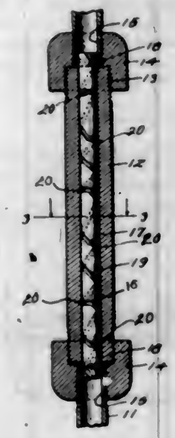
1,619,443. ROLLER BEARING FOR SLIDING DOORS. LOUIS SUTKER, Brooklyn, N. Y. Filed Dec. 16, 1925. Serial No. 75,690. 2 Claims. (Cl. 16—100.)

1. In a sliding door construction of the character described, a roller bearing comprising an elongated channel-cage formed of sheet metal, and cylindrical rollers having recessed portions on the plane faces thereof revolubly



retained between the side walls of said cage, said walls being indented to extend sufficiently into said recesses for loosely retaining the rollers in the cage.

1,619,444. ANTICHATTERING DEVICE. DOC GILFORD TAYLOR, Baytown, Tex. Filed July 8, 1926. Serial No. 121,247. 1 Claim. (Cl. 73—31.)

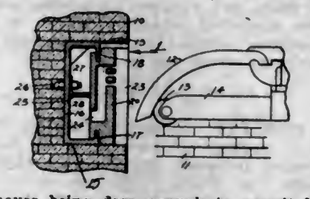


In an anti-chattering device and in combination with a pressure responsive element, a line leading from a source of pressure thereto, a member adapted for insertion in said line increasing the effective length of the line a distance greater than its own length and reducing the bore of the line comprising a tubular body adapted at its ends for connection with the pressure line and a rod fitting the body and having a spiral groove in the periphery thereof, said rod being of greater length than the tubular body and having means coacting with the tubular body whereby it is held with its ends extended beyond opposite ends of the tubular body, said groove being extended to such ends.

1,619,445. FURNACE-WALL AIR PLATE. IRVING A. TAYLOR, Worcester, Mass., assignor to S. Riley Stoker Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed Nov. 6, 1923. Serial No. 673,162. 7 Claims. (Cl. 110—75.)

1. In a furnace, in combination, a furnace wall having a recess, an ash support adjacent thereto, members forming upper and lower ribs in said recess, and a plurality

of air-admitting plates mounted at the front of said recess and having end grooves to receive said ribs, the



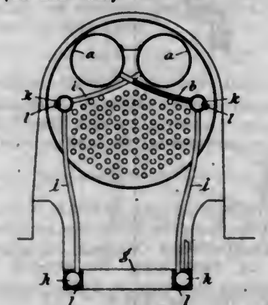
upper grooves being deep enough to permit lifting said plates to clear the lower ribs for removal from said furnace.

1,619,446. DANCING TOY. LAURA K. H. THOMSEN, San Francisco, Calif. Filed Apr. 19, 1926. Serial No. 102,853. 8 Claims. (Cl. 46—40.)



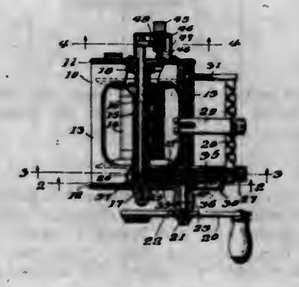
1. A dancing toy comprising a soft stuffed animal body, soft stuffed limbs sewed thereto in a manner forming pivotal connections permitting lateral swinging movement of the limbs, weights attached to the extremities of certain of the limbs, and an inelastic cord attached to the body in a position to support the body and limbs in the natural position which they normally occupy, quick jerking movement of the cord when supporting the body being adapted to cause the limbs to flop laterally about their pivots to simulate a grotesque dance.

1,619,447. STEAM BOILER. PETER THOMSEN, Cassel-Wilhelmshohe, Germany, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshohe, Germany, a Corporation of Germany. Filed June 15, 1923, Serial No. 645,531, and in Germany June 28, 1922. 3 Claims. (Cl. 122—94.)



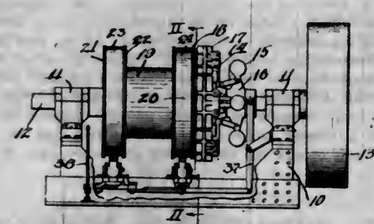
1. In a steam boiler, a furnace, water tubes located at opposite sides of said furnace and extending upwardly therefrom, steam and water containing means connected with the upper ends of said tubes, the upper portions of the tubes on each side being bent towards the other side, and each tube crossing each adjacent tube, and a barrier filling the spaces between said upper tube portions and forming in conjunction with said tube portions, an imperforate wall to protect said steam and water containing means against injurious heating by the furnace gases.

1,619,448. FISHING REEL. ARTHUR C. VANCE, Brooklyn, N. Y. Filed Mar. 20, 1926. Serial No. 96,239. 8 Claims. (Cl. 242—84.1.)



1. In a fishing reel, the combination of a spool on which the line is to be wound; a winding handle; and means intermittently rotating said spool by continuous rotation of said handle.

1,619,449. NEUTRAL BRAKE. HARRY H. WATERS, Clinton, Iowa, assignor to Climax Engineering Company, Clinton, Iowa, a Corporation of Delaware. Filed Oct. 5, 1925. Serial No. 60,367. 7 Claims. (Cl. 192—4.)

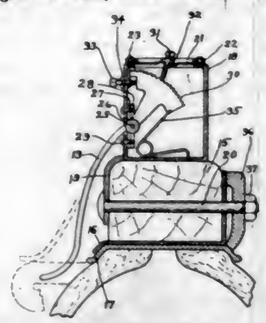


1. In a device of the class described including a driving means and a final driven means, a direct drive and a reversing drive therebetween, a neutral brake adapted to stop the driven means when shifting from one drive to the other and a single operating mechanism interconnecting the direct and reverse driving mechanisms and neutral brake whereby the application of the neutral brake is automatically performed by a shift from one driving means to the other.

1,619,450. DEFLATION ALARM FOR PNEUMATIC TIRES. BURLING D. WELLS, Danbury, Conn., assignor to Robert S. Blair, Stamford, Conn. Filed Feb. 18, 1921. Serial No. 446,161. 9 Claims. (Cl. 116—34.)

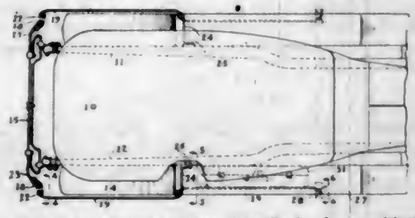
9. In a pneumatic tire deflation signalling device, in combination, a wheel comprising a pneumatic tire, an audible signal mounted thereon, a member connected with said signal to actuate the same and extending adjacent to said tire, a spring urging said member toward said tire, a means limiting the movement of said member

toward said tire to a position in which it is spaced therefrom beyond the path of deformation thereof with the tire running in ordinary condition and in position to be



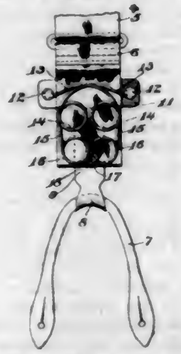
engaged and moved by the tire upon the tire becoming soft, and means adapted to adjust the normal position of said member with respect to the tire.

1,619,451. COMBINED FENDER AND LUGGAGE CARRIER. HARRY G. WEYMOUTH, Cleveland, Ohio, assignor to The Eaton Axle and Spring Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 29, 1925. Serial No. 33,660. 6 Claims. (Cl. 293—55.)



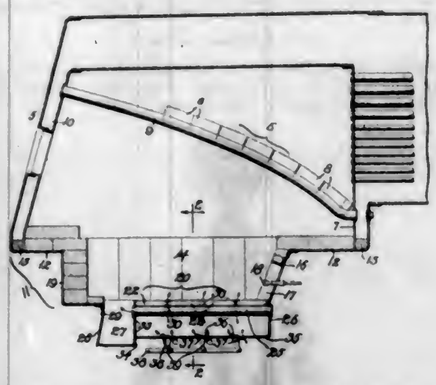
6. In a device of the class described, the combination with the wheel fender of an automobile, of a bumper extending transversely of the automobile at one end thereof and comprising a plurality of vertically spaced bars, a bolt connecting the ends of said bars, a member pivoted to said bolt and having projections to engage with said bars to limit turning movement of the member in one direction a fender guard supported at one end on said member, and means for supporting the other end of said guard.

1,619,452. SPRING-SUSPENSION DEVICE. DAVID BROWN WHITEHILL, Clarendon, Pa. Filed July 9, 1925. Serial No. 42,547. 5 Claims. (Cl. 267—69.)



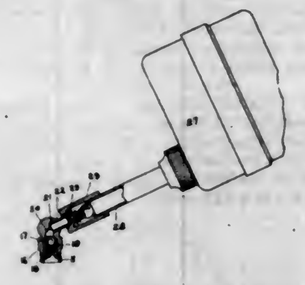
1. A spring suspension device comprising a resilient wire formed with two opposed symmetrical portions which are united by a connecting portion and which extend rearwardly and cross each other, terminating in end portions which approach the line of the connecting portion at an acute angle, and a supporting member constituting a lost-motion connection between the ends of the wire and the connecting portion thereof to positively limit the yielding movement of the wire.

1,619,453. FIRE PAN. ALFRED H. WILLETT, West New York, N. J., assignor to American Arch Company, a Corporation of Delaware. Filed Aug. 6, 1921. Serial No. 490,195. 10 Claims. (Cl. 158—3.)



1. The combination of a fire pan with fore and aft air supply tubes extending out through one end thereof discharging into the pan at their other ends, and refractory flooring supported by said tubes, and means for admitting an additional supply of air to said pan through said refractory flooring.

1,619,454. LUBRICANT-RECEIVING NIPPLE. OSCAR ZERK, now by judicial change of name Oscar Ulysses Zerk, Cleveland, Ohio, assignor, by mesne assignments, to The Bassick Manufacturing Company. Filed July 5, 1923. Serial No. 649,701. 15 Claims. (Cl. 184—89.)

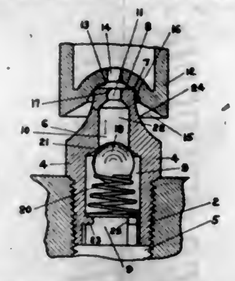


1. A lubricant nipple comprising an axially bored body, an open lateral projection on said body continuing said bore, and a check valve in the axial portion of said bore.

1,619,455. LUBRICATING NIPPLE. OSCAR U. ZERK, Detroit, Mich., assignor, by mesne assignments, to The Bassick Manufacturing Company. Original application filed Nov. 21, 1922, Serial No. 602,465. Divided and this application filed July 30, 1924. Serial No. 729,038. 15 Claims. (Cl. 184—105.)

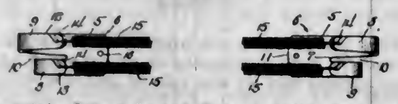
1. As an article of manufacture, a fitting forming part of a contact pressure-lubricating system; said fitting

comprising a body-member terminating at one end in a truncated conical portion having a flat end surface bound-



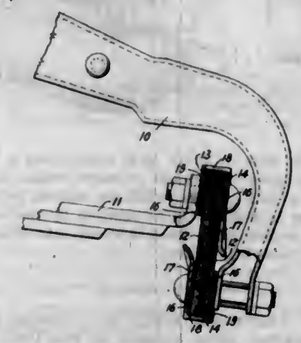
ed by a circular dirt cutting edge, said body-member having a cylindrical bore extending therethrough, said bore increasing in diameter in successive stages.

1,619,456. CURTAIN FIXTURE. WILLIAM C. BARRETT, Chicago, Ill. Filed Apr. 30, 1923. Serial No. 635,507. 1 Claim. (Cl. 156—19.)



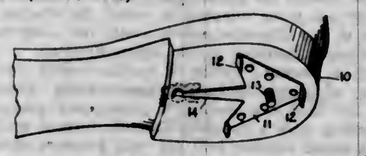
A curtain fixture formed from a single piece of sheet metal, comprising a body portion and two arms curved on different radii and lying in spaced horizontal planes.

1,619,457. FLEXIBLE COUPLING. HARVEY W. BELL, Ardsley-on-Hudson, N. Y., assignor to The Beloyt Corporation, Dover, Del., a Corporation of Delaware. Filed July 14, 1923. Serial No. 651,598. 9 Claims. (Cl. 267—54.)



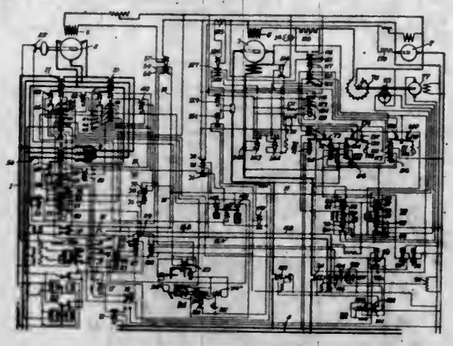
1. A link unit for flexible couplings comprising a pair of links of flexible material disposed in juxtaposed relation and sheaths of non-metallic material surrounding the end portions of said links.

1,619,458. SHOE HEEL. ANDREW BONO, Brooklyn, N. Y. Filed Aug. 12, 1926. Serial No. 128,766. 1 Claim. (Cl. 36—35.)



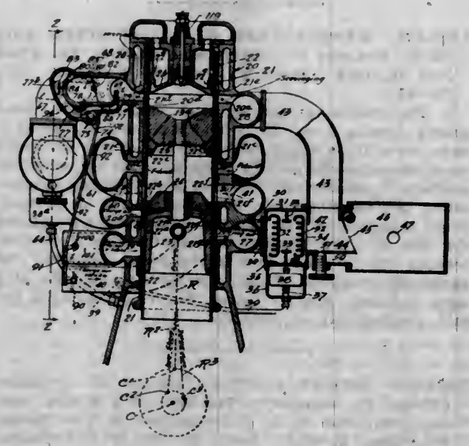
In combination with a shoe-heel an exchangeable tread member provided with a recess which opens into its breast edge for receiving a key, a metal binding plate embedded in the tread member which carries a spring clip extending into the recess and constructed to hold the key, and means operable by the key for binding the tread member to the shoe-heel.

1,619,459. AUTOMATIC STATION. CHARLES A. BUTCHER, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 28, 1923. Serial No. 641,868. 39 Claims. (Cl. 171—312.)



1. In a power distributing system, the combination with a synchronous motor, a direct-current generator to be driven thereby and an exciter generator provided with a shunt field winding for energizing the field magnet windings of both the motor and the generator, of a resistor in the circuit of the field winding of the exciter and means dependent upon a condition of the motor and the generator for controlling the effectiveness of the resistor.

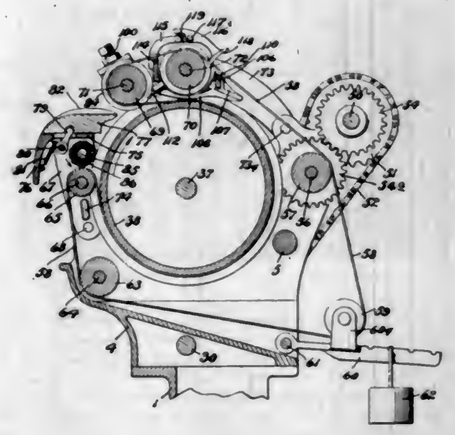
1,619,460. INTERNAL-COMBUSTION ENGINE AND MEANS FOR SUPPLYING CHARGE THERETO. JOHN M. CAGE, Ford City, Ontario, Canada, assignor to Cage Engine Syndicate, Inc., New York, N. Y., a Corporation of Delaware. Filed July 23, 1920. Serial No. 398,329. 25 Claims. (Cl. 123—69.)



1. In combination with an internal combustion engine having an intake, means to feed charge to the intake at a pressure varying substantially in accordance with

the varying resistance to flow of the charge at varying operating speeds; said means embodying an intake passage leading to the intake, a compressor adapted to compress charge into the passage at a pressure sufficient to flow the charge through the intake at the highest speed of engine operation, an auxiliary reservoir and communication means between the passage and the reservoir automatically throwing the reservoir out of action at high speed operation.

1,619,461. TOBACCO STEMMING AND BOOKING MACHINE. JOHN H. DEAN, Grand Rapids, Mich. Filed Mar. 23, 1925. Serial No. 17,537. 20 Claims. (Cl. 131—56.)



2. A machine of the character described, comprising a rotatably mounted drum, means for driving the same, an annular rib projecting from the drum, a roller mounted over the drum and having a grooved portion lying directly over the rib, belts passing around the roller and partly around the drum, and means for feeding leaves of tobacco into the machine under said roller and belts and over the drum and rib thereon.

1,619,462. MANUFACTURE OF ALLOY STEEL AND IRON. BYRAMJI D. SAKLATWALLA, Crafton, Pa. Filed July 16, 1924. Serial No. 726,335. 8 Claims. (Cl. 75—45.)

1. The process of making alloy steel or iron, comprising forming a molten bath of steel or iron having a metal layer and a slag layer, incorporating into the metal layer successive charges of a reducing agent the oxidation products of which render the slag more fluid and incorporating into the slag layer successive charges of an unreduced compound of the alloying metal, and maintaining the bath at a temperature sufficient to cause a reaction between the reducing agent in the metal layer and the unreduced compound of the alloying metal in the slag layer to thereby directly reduce the alloying metal in the bath, substantially as described.

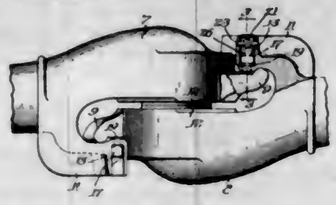
1,619,463. BOILER BAFFLE. GEORGE H. DICKSON, Chicago, Ill., assignor to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed June 4, 1918. Serial No. 238,097. 5 Claims. (Cl. 110—98.)

1. A baffle for water tube boilers consisting of two separated walls extending across and surrounding the tubes, each of said walls comprising a plurality of tiles at least partly in contact with and resting on the water tubes to form a substantially closed side of a mold, each



tile being less in width and height than the width and height of the baffle and a layer of poured and hardened plastic material between and held by said side walls.

1,619,464. TRAIN-PIPE COUPLING. CHARLES EICHHOAN, Chicago, Ill., assignor to Victor Tobolla, Chicago, Ill. Filed Oct. 27, 1922. Serial No. 597,249. 8 Claims. (Cl. 285—62.)



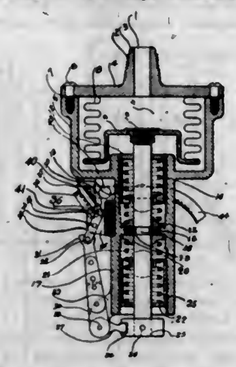
1. A train pipe coupling head comprising a body provided with inner and outer coupling lugs, and means comprising a pair of lugs yieldingly carried by said outer coupling lug in position to be engaged by the inner coupling lug of a companion head whereby said heads may be locked and pressed together.

1,619,465. PRESSURE SWITCH. CHARLES P. EISENHAUER, Dayton, Ohio, assignor to The Duro Company, Dayton, Ohio, a Corporation of Ohio. Filed Dec. 5, 1925. Serial No. 73,355. 7 Claims. (Cl. 200—81.)

1. In a pressure switch, a pressure chamber, a plunger moved thereby, and a switch adapted to control means for regulating the pressure in the pressure chamber operated by said plunger, yielding means on either side of a shoulder on said plunger, a shoulder on said plunger, said yielding means being adapted to be actuated when the shoulder passes the neutral point of rest of said plunger, said springs being adapted to resist the closing of the switch in one direction and to resist the compression of the pressure chamber in the other direction.

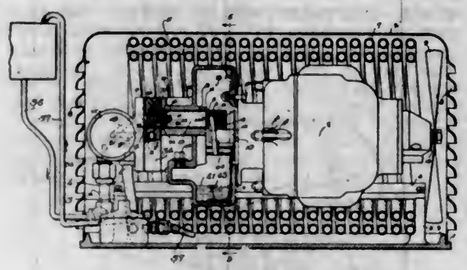
6. In a pressure switch, a casing formed like a cup having, a tubular member communicating therewith, a cover for said cup having a passageway therein communicating with a pressure chamber formed within said cup, a metal bellows wall for said pressure chamber, a head carried on said wall for moving therewith, a plunger connected to said head, caps threaded in either end of said tubular member adapted to support said plunger, a

fixed ring carried on said plunger, loose rings carried on said plunger on either side of the fixed ring, helical springs adapted to be engaged by said loose rings, their free ends resting in said cups threaded in the tubular



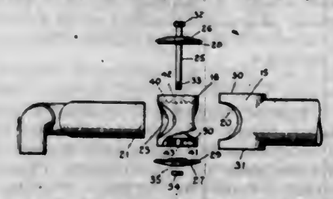
member, a bell crank having one arm connected to said plunger, and the other end to a switch, a switch, and yielding means adapted to snap said switch into and out of operative position.

1,619,466. COMPRESSOR. CHARLES P. EISENHAUER, Dayton, Ohio, assignor to The Duro Company, Dayton, Ohio, a Corporation of Ohio. Filed Jan. 22, 1926. Serial No. 83,005. 10 Claims. (Cl. 230—27.)



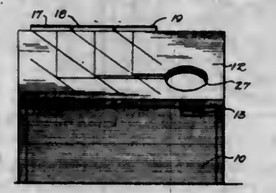
1. In combination, a cylinder, a piston and a rotary driving means for the piston engaging therewith to reciprocate it, said rotary means consisting of a worm, the thread of which passes through said piston transversely thereon causing the piston to reciprocate as the thread advances and retreats due to the rotation thereof, and means carried by said piston for yieldingly engaging said worm to maintain the engagement of the worm and piston in predetermined relationship.

1,619,467. TONE ARM FOR PHONOGRAPHS. MORRIS M. GRUBER, East Orange, N. J., assignor, by mesne assignments, to Sonora Phonograph Company, Inc., New York, N. Y., a Corporation of New York. Filed July 12, 1923. Serial No. 650,992. 2 Claims. (Cl. 274—23.)



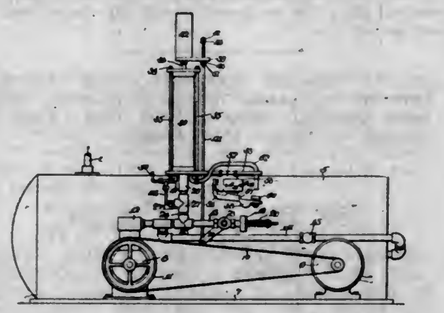
1. A device of the character described comprising a tone arm having a reproducing section and an amplifying section, a joint connecting said sections comprising a hollow cylinder carried by one of said sections and a second hollow cylinder carried by the other of said sections and adapted to fit concentrically within said first cylinder, said second cylinder having inset heads each provided with a central hub, end plates for said first cylinder each provided with a central perforation and a shaft adapted to pass through said hubs and said perforations and to form an axle to rotatably support the second cylinder in spaced relation to said first cylinder and a leaf spring positioned upon the inner wall of said second cylinder against one of said heads, said spring having a detent projecting through the wall of said cylinder and adapted to engage grooves in the wall of said first cylinder, whereby said reproducer portion of said tone arm may be locked in raised or lowered position.

1,619,468. COLOR MIXER. HUBERT GRUENDER, St. Louis, Mo., assignor to George Fabyan, Geneva, Ill. Filed Apr. 28, 1924. Serial No. 709,388. 1 Claim. (Cl. 88—14.)



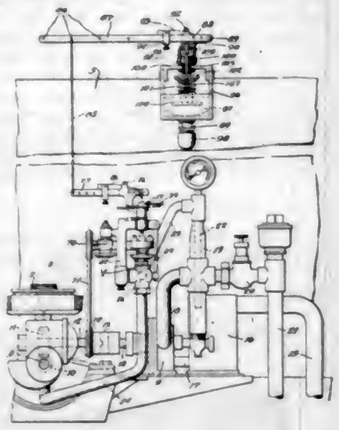
A device of the kind described comprising a plurality of color screens, a plurality of reflectors of plain unsilvered glass adapted to form a single beam of light of a single color composed of the light reflected by each of said reflectors and means for interrupting the light incident upon one of the color screens over a portion of its area in order to produce an image consisting in part of a color combination without the latter color and in part of a color combination with such color.

1,619,469. AUTOMATIC RELIEF VALVE. AUGUST F. HABENICHT, Tinley Park, Ill. Filed May 3, 1926. Serial No. 106,239. 6 Claims. (Cl. 230—24.)



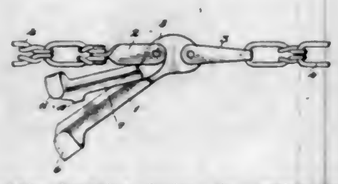
1. A device of the class described, in combination, a supply pipe line of a pressure system provided with a check valve therein, a compressor communicating with said pipe line, a cylinder mounted vertically above said pipe line, a restricted passage connection uniting the said pipe line and the lower portion of said cylinder whereby the back pressure from the check valve will enter the cylinder, a reciprocating piston and its rod in said cylinder and having a weight and arm on the upper portion of said rod, a connection uniting the arm and a movable part, an exhaust pipe leading from the lower part of the cylinder and means to close said exhaust pipe when the compressor is in operation.

1,619,470. OIL-BURNING MECHANISM. FRANKLIN HARDINGE, Chicago, Ill., assignor to Hardinge Brothers, Incorporated, Chicago, Ill., a Corporation of Illinois. Filed Dec. 19, 1923. Serial No. 681,461. 3 Claims. (Cl. 158—45.5.)



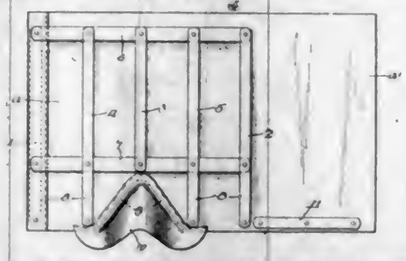
1. The combination with a movable control element comprising a reciprocable rod, a pivoted lever resting upon the outer end of said rod, a stationary stop and an adjustable stop mounted upon said lever for engaging said stationary stop to limit the movement of said lever, of an oil burner and means for controlling the supply of oil to said burner comprising a valve seat, a rotary valve co-acting with said seat, said valve having a valve stem, a spring biasing said valve toward its open position, a sleeve adjacent the outer end of said valve stem, a hollow spindle threaded into said sleeve, means whereby said spindle can be manually adjusted, a rod slidably mounted in said spindle, the inner end of said rod having a shoulder engageable by said spindle and also having engagement with the upper end of said valve stem, a second lever pivotally mounted adjacent the outer end of said rod and resting upon said rod, adjustable means for limiting the movement of said second lever, and means for communicating the movement of said first-named lever to said second lever.

1,619,471. TENSION FASTENING FOR ANTISLIP CHAINS. ADALBERTO GUALTERIO HARTUNG, Buenos Aires, Argentina. Filed Sept. 30, 1926. Serial No. 138,609. 1 Claim. (Cl. 24—68.)



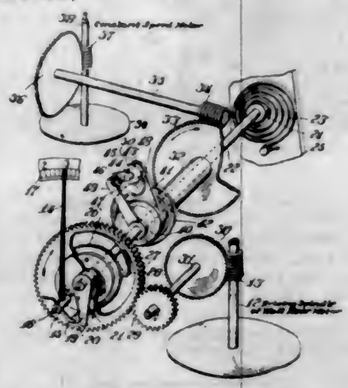
In a chain fastening device, the combination of a lever having spaced pivotal connections at one end with opposite ends of a chain and a hook at the other end adapted to engage over the chain when the pivotal connections have been reversed by operation of the lever to tighten the chain, a second lever pivoted at one end to one of the pivotal connections of the chain and first lever and having its free end provided with oppositely projecting hooks, one thereof being adapted to engage over the first lever adjacent its hook when the second lever is closed and the other hook of the second lever being engaged under the chain at a point inside the engaged hook of the first lever and chain.

1,619,472. LEGGING. CHARLES R. HOLCOMB, Chicago, Ill., assignor to Holcomb Safety Garment Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 19, 1925. Serial No. 63,338. 4 Claims. (Cl. 36—2.)



4. A legging comprising a leg covering portion of flexible protective material provided with a cut out at the lower edge of its front portion adapted to fit over the instep of the user and so proportioned that when the legging is adjusted for use the rear portion of its lower edge will overlap the counter of a shoe worn by the user, stays secured to the leg covering portion of the legging, comprising spaced transverse stays made of resilient material and shaped to encircle the leg of the user, the bottom one of which is positioned closely adjacent to the top of said cut out, and longitudinal stays comprising a front stay which terminates at the lower transverse stay, and side and back stays which extend substantially to the lower edge of the legging.

1,619,473. MAXIMUM DEMAND METER. FREDERICK C. HOLTZ, Springfield, Ill., assignor to Sangamo Electric Company, Springfield, Ill., a Corporation of Illinois. Filed May 23, 1921. Serial No. 471,924. 26 Claims. (Cl. 171—34.)

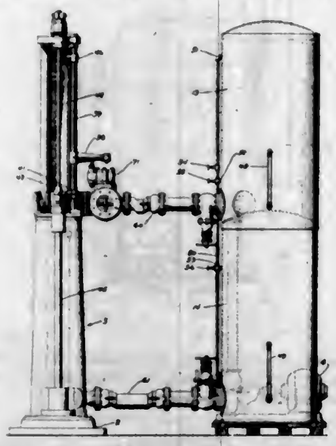


1. In a maximum demand meter of the type having an indicator, and actuating mechanism therefor correlated with the meter and adapted to be reset independently thereof, a resetting device comprising an approximately constant speed motor, a resetting member, means for actuating said member, a fixed stop adapted to be engaged by said member, and means actuated by said motor and operating to move said member to release it from said stop at regular intervals.

1,619,474. PUMPING SYSTEM. WILLIAM E. HUBBARD, San Francisco, Calif., assignor to Hubbard Machine Company, a Copartnership consisting of William E. Hubbard and Leon Sloss, jr., San Francisco, Calif. Filed May 4, 1925. Serial No. 27,728. 1 Claim. (Cl. 103—45.)

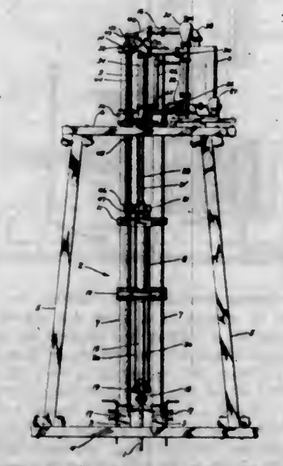
A pumping system comprising the combination of a cylinder, a piston operating therein, a relatively large

tank in communication with the cylinder, means providing fluid to the tank under pressure, a valve between the tank and cylinder for controlling the flow of fluid to the cylinder, means automatically operating the valve in timed relation with the piston movements, a second



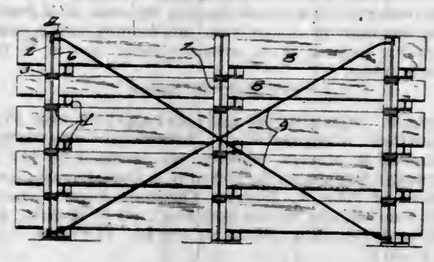
cylinder and a piston therein operatably connected to the first piston, and a chamber in communication with the second cylinder whereby a fluid medium is confined for compression by movement of the pistons in one direction to store up power for impelling the pistons in the opposite direction when the latter are free to so move.

1,619,475. PUMPING SYSTEM. WILLIAM E. HUBBARD, San Francisco, Calif., assignor to Hubbard Machine Company, a Copartnership consisting of William E. Hubbard and Leon Sloss, jr., both of San Francisco, Calif. Filed July 23, 1925. Serial No. 45,454. 4 Claims. (Cl. 103—46.)



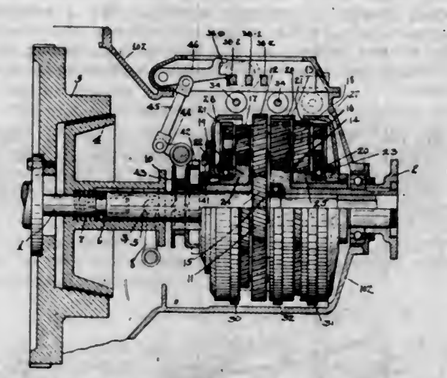
1. A pumping mechanism comprising the combination of a cylinder, a piston operating therein, a long pump rod connected to the piston, means co-operating with the piston and pump rod to overcounterbalance and normally move the same upwardly with considerable surplus lifting force, a continuously operating pump, pipes connecting the pump with the cylinder at opposite sides of the piston, a valve, and means automatically operating the valve in timed relation to the piston movement to alternately place the pump in communication with the cylinder at the opposite sides of the piston through the said pipes.

1,619,476. STEEL-STOCK RACK. HARRY S. JONES, Chicago, Ill. Filed June 22, 1923. Serial No. 647,095. 1 Claim. (Cl. 211—14.)



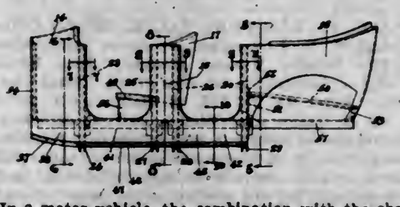
A stock rack comprising a plurality of superimposed detachably connected self-supporting sections, each section embracing a plurality of one-piece H-frame units having side channel members, said units being disposed in a plurality of aligned series with their channel members overlapping, and stock troughs removably seated in said aligned units for receiving stock steel.

1,619,477. TRANSMISSION MECHANISM. CYRUS B. KURTZ, Lakewood, Ohio. Filed Aug. 23, 1918. Serial No. 251,044. 12 Claims. (Cl. 74—34.)



1. In transmission mechanism, the combination of two shafts, variable speed epicyclic gear means connected to one shaft, a clutch adapted to connect said gear means to the other shaft, gripping means adapted to lock one of said gear means to render the same operative on the engagement of said clutch a single lever adapted to selectively actuate said gripping means.

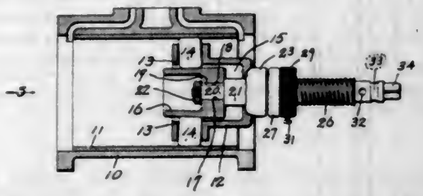
1,619,478. MOTOR VEHICLE. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 18, 1922. Serial No. 588,807. 12 Claims. (Cl. 296—28.)



1. In a motor vehicle, the combination with the chassis frame and running boards at the sides of the motor vehicle, of a body mounted on said chassis frame and in-

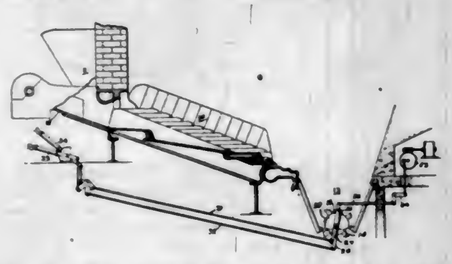
cluding a frame work having longitudinally and vertically disposed frame members, a body shell made up of a plurality of sheet metal body panels secured to said framework, certain of the panels forming the sides of the body being extended downwardly to the running boards, said vertically disposed frame members being secured to the chassis frame.

1,619,479. METHOD OF AND APPARATUS FOR FINISHING CYLINDRICAL BEARING SURFACES. GRAVES R. MAUPIN, Moberly, Mo., assignor to The J. Faessler Manufacturing Company, a Copartnership composed of John W. Faessler, Christinia Faessler, Louis E. Faessler, and Graves R. Maupin, all of Moberly, Mo. Filed Feb. 1, 1926. Serial No. 85,149. 18 Claims. (Cl. 29—90.)



1. The method of finishing a cylindrical bearing surface which consists in applying to said surface a sufficient pressure by a rolling contact to compress and smooth the wearing surface of said bearing, and causing said rolling contact to move said pressure longitudinally of the surface.

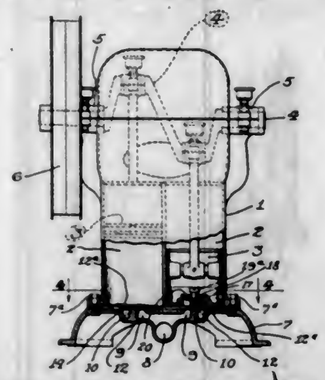
1,619,480. STOKER. DONALD J. MOSSHART, Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 22, 1925. Serial No. 32,102. 8 Claims. (Cl. 110—32.)



4. The combination with a stoker provided with a refuse receptacle at the rear thereof, of crushing discharge mechanism at the bottom of said receptacle embodying a pair of aligned crushing rolls, and means for operating said rolls at differing angular velocities, whereby refuse may be discharged from one portion of said receptacle at a different rate than from another portion thereof.

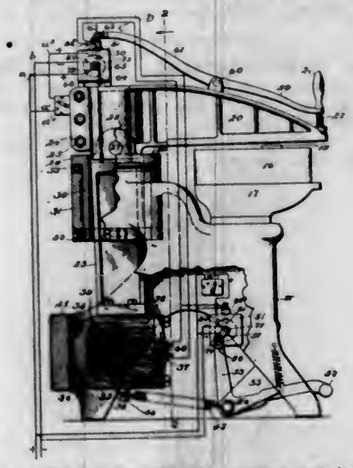
1,619,481. VACUUM PUMP VALVE. ERNEST C. OAKES, Bloomfield, N. J., assignor, by mesne assignments, to Empire Milking Machine Company, Inc., Rochester, N. Y., a Corporation of New York. Filed Oct. 28, 1922. Serial No. 597,471. 2 Claims. (Cl. 230—34.)

1. An air pump comprising a pair of cylinders, oppositely disposed pistons in said cylinders, a common base for said cylinders and a common gasket for both cylinders, an air inlet port centrally in each cylinder in the base, and a partially severed portion of the gasket above each inlet port adapted to provide an inlet valve flush with the entire surface of the cylinder head and on the approach of the piston to seat upon the base and close the inlet ports and form a spacer coincident with the cylinder-head clearance upon the piston reaching the outer end of its stroke, whereby said valve and gasket jointly form in



closed position a cushioning engagement flush with the end and with minimum clearance from the piston when in extreme position.

1,619,482. PRESS FOR CUTTING OR PUNCHING SHEET MATERIAL. JOHN ROGER OLIVER, Medfield, Mass., assignor to Reece Shoe Machinery Company, Boston, Mass., a Corporation of Maine. Filed June 2, 1925. Serial No. 34,420. 21 Claims. (Cl. 164—23.)

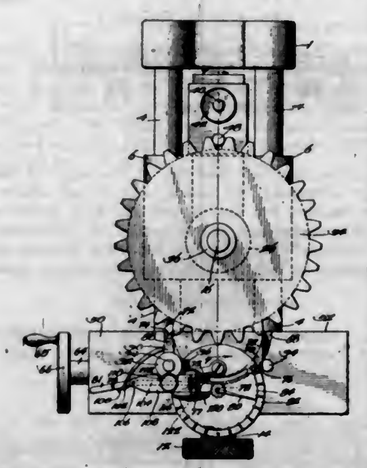


1. In a clicking machine for cutting out leather or like material by means of a loose die placed selectively upon the material, a cutting bed supporting the material, a presser member adapted to overhang substantially all portions of the bed, and mounted to rock about a transverse axis toward the bed, and electromagnetic means for rocking the presser member with a quick cutting stroke toward the bed whereby to drive the die through the material; the presser member being normally held retracted from the bed at a slight angle to the bed, but arranged to rock toward the bed with its under surface in parallelism with the bed at the end of its operative movement.

1,619,483. GEAR-TESTING MACHINE. CARL G. OLSON, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a Corporation of Illinois. Filed Mar. 30, 1922. Serial No. 547,955. 17 Claims. (Cl. 73—51.)

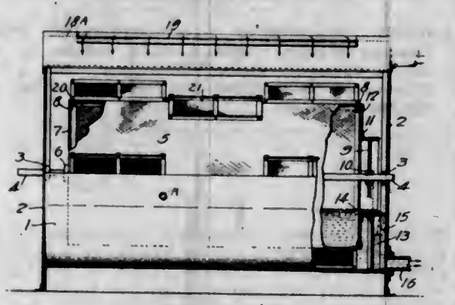
1. A gear testing machine having a base cylinder having a diameter equal to the diameter of the base circle of

the gear to be tested, a table having a straight working edge, means for causing relative movement between the base cylinder and the table whereby there is a rolling action between them, means for holding the gear to be



tested concentric with and fast to the base cylinder, a contactor adapted to engage a tooth of the gear to be tested, a contour indicator actuated by said contactor, and means for indicating the position along the tooth curve where said contactor engages the tooth.

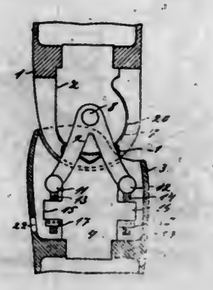
1,619,484. STRAINER FOR SUGAR JUICES AND THE LIKE. SAMUEL S. PECK, Honolulu, Territory of Hawaii. Filed Aug. 27, 1923, Serial No. 659,684, and in Great Britain, Jan. 13, 1923. 5 Claims. (Cl. 210—201.)



2. Apparatus for straining sugar juices and the like comprising a tank, a wall extending from the bottom of the tank upwardly to form a dam, and a foraminous drum mounted to revolve in the tank and having one open end, a hub member comprising a central portion and a spaced circular flange mounted coaxially with said drum, the face of said circular flange revolving in contact with said dam to form a seal therewith, such seal being effective irrespective of longitudinal movement of said drum within said tank.

1,619,485. ARTIFICIAL KNEE JOINT. HEINRICH REHM, Nuremberg, Germany. Filed Sept. 29, 1924, Serial No. 740,648, and in Germany Feb. 16, 1924. 1 Claim. (Cl. 3—2.)

An artificial knee joint comprising in combination an upper element having a curved lower surface, a joint bolt traversing this lower end of said upper element, a lower element having in its upper end a cavity in which said curved lower end of said upper element bears at a front and rear edge, two rigid forks having outwardly inclined arms mounted one on each end of said joint bolt, cross bolts connecting the ends of the arms of each fork,

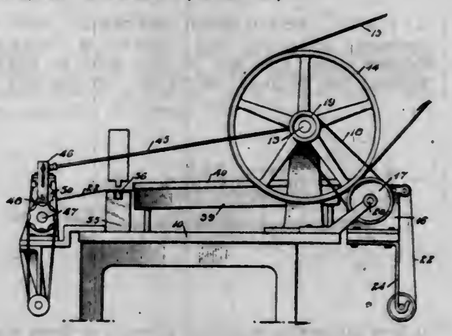


two projections one on the front and one on the rear surface of said lower element each projection having a vertical bore, screw bolts on said cross bolts and traversing the vertical bores of said projections, and nuts screwed on the lower ends of said screw bolts.

1,619,486. PROCESS OF REFINING OILS. FRANCIS JAVIER RESINES, Philadelphia, Pa., assignor to By-Products Recovery Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 28, 1923. Serial No. 665,467. 1 Claim. (Cl. 87—12.)

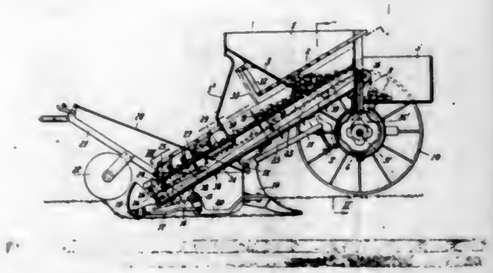
The process of refining and decolorizing vegetable oils which comprises quickly admixing with agitation such an oil with the amount of caustic alkali solution required for neutralization, separating the neutral oil from the other matters present by centrifugal action immediately upon completion of incorporation of the alkali solution, once more quickly admixing with agitation the oil with a further quantity of alkali solution sufficient to decolorize the oil and once more separating by centrifugal action immediately thereafter.

1,619,487. PROCESS AND APPARATUS FOR MARKING ARTICLES. JOHN ROCHE, Hoboken, N. J., assignor to American Lead Pencil Company, a Corporation of New York. Filed Mar. 10, 1924. Serial No. 698,192. 4 Claims. (Cl. 41—7.)



1. The process of marking an article which consists in applying a suitable marking powder loosely to one side of a bare flexible strip, interposing said strip between the article and a marking die with its powder side next to said article while the powder is still adhering to said strip, and pressing the strip against said article by means of the die.

1,619,488. POTATO-LAYING MACHINE. CARL RUETZ, Zurich, Switzerland. Filed Dec. 15, 1924, Serial No. 756,147, and in Switzerland Dec. 22, 1923. 10 Claims. (Cl. 221—118.)



5. In a potato planting machine, a hopper, a trackway, a reciprocating feeder forming a portion of said trackway, a stirrer in the hopper, means for leveling off the potatoes passing along the trackway, a stop bar at the discharge end of the trackway movable into and out of the path of the potatoes, a striker for engaging and discharging the potatoes, and means for periodically operating the feed device, stirrer, stop bar and striker.

6. In a potato planter, a traveling vehicle having a hopper, an inclined chute for discharging potatoes from the hopper, feeding means for feeding the potatoes along the chute, means for leveling off the potatoes in the chute and discharging surplus potatoes laterally from the chute, a receptacle, and a conveyor at the side of the chute for receiving the surplus potatoes and conveying the same to said receptacle.

9. In a potato laying machine according to claim 1 and having a feed receptacle, the provision in the rear part of the said receptacle of a fork, adapted to be projected into the track of the potatoes by means of a hand-operable lever and thereby stop the further passage of potatoes down the forward part of the track.

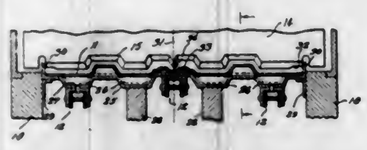
10. A potato planting machine according to claim 1, wherein a bar is fixed above the rear part of the track and has depending arms oscillatably mounted on it, the said arms each carrying a striking roller situated vertically above the track and adapted to act on the potatoes to assist in controlling the movement of the potatoes along the track and their discharge from the track.

1,619,489. TILE-MAKING MACHINE. JOHN N. SCHWARZ, Bridgeport, and VINCENT W. SCHWARZ, Fairfield, Conn. Filed Nov. 29, 1922, Serial No. 603,991. Renewed Dec. 16, 1926. 26 Claims. (Cl. 25—43.)



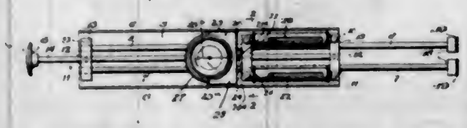
1. In a tile making machine a plurality of molds placed end to end, means for advancing the molds, a hopper open at its lower end to discharge concrete onto the molds and provided with a movable gate at its rear end over the molds, means for imparting up and down and longitudinal movement to said gate to regulate the amount of concrete carried forwardly by the molds, and means rearwardly of the gate for shaping the upper surface of the concrete in the molds.

1,619,490. MOLD PLATE FOR ROOFING-TILE MACHINES. VINCENT W. SCHWARZ, North Bergen, N. J. Filed Jan. 12, 1925, Serial No. 1,776. Renewed Jan. 22, 1927. 4 Claims. (Cl. 25—43.)



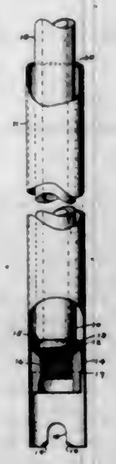
1. In a tile forming machine, a plurality of molds, means for advancing the molds, and means above the molds for shaping the top of the tile, said molds being of a width transverse the direction of movement to form two integral tiles, and said mold and forming means being arranged to form the two tiles in reverse relation.

1,619,491. MEASURE OF TENSION DIFFERENTIAL. OAKLEY SMITH, Chicago, Ill. Filed July 1, 1925. Serial No. 40,776. 5 Claims. (Cl. 265—19.)



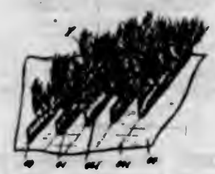
1. An instrument for measuring differential of resistance to applied pressure, comprising a frame to which force is applied, a plurality of independently movable plungers carried by said frame, separate means extending between the frame and the respective plungers for indicating the pressure applied to the subject matter under test through the several plungers, and independent means for showing the differential between the action of the several plungers.

1,619,492. MEASURING AND DISPENSING PUMP. CHARLES SPAETH, Cleveland, Ohio, assignor to The Marvel Equipment Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 6, 1924. Serial No. 730,340. 5 Claims. (Cl. 285—162.)



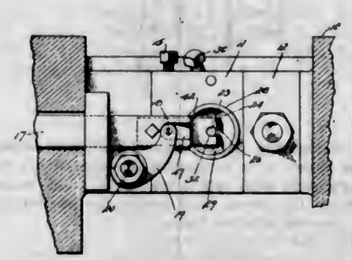
1. A telescopic intake device for a measuring and dispensing pump, comprising a pair of telescopic tubes, the inner tube having a removable and adjustable gland member and packing affixed to its lower end and movable in its entirety through the outer tube, and the outer tube being open at its bottom and slidably sleeved over said inner tube and having a limiting stop adapted to permit said gland to project partly through said open bottom.

1,619,493. FEATHER-LINED MATERIAL AND PROCESS OF MAKING THE SAME. FRITZ WEVER, Stuttgart, Germany; Henri Marmignat administrator of said Wever, deceased. Original application filed May 15, 1922, Serial No. 561,216, and in Germany Dec. 14, 1920. Divided and this application filed June 24, 1924. Serial No. 722,186. 4 Claims. (Cl. 2—278.)



1. In the art of forming feather lined material, the process which consists in securing a feather lined band or strip to an endless sheet of supporting material along a substantially helical line.

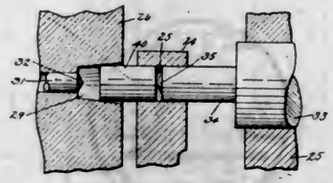
1,619,494. UPSETTING MECHANISM. RICHARD LESTER WILCOX, Waterbury, Conn., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn., a Corporation of Connecticut. Filed Feb. 6, 1922. Serial No. 534,538. 10 Claims. (Cl. 78—17.)



2. In mechanism of the character described; a cut off knife having an opening therein adjacent to one end, of substantially the same diameter as the wire from which the blank is cut, and a slot, of less width than said opening, connecting the same with said end, the walls of said opening and slot being rigid and unyielding and maintaining their shape during the separation of the blank from the knife.

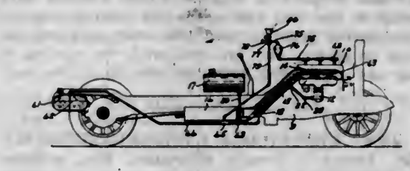
1,619,495. UPSETTING MECHANISM. RICHARD LESTER WILCOX, Waterbury, Conn., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn., a Corporation of Connecticut. Filed Feb. 6, 1922. Serial No. 534,539. 5 Claims. (Cl. 78—17.)

1. In a machine for cold shaping blanks into substantially frusto-conical form, a die having a conical blank receiving opening therein, a punch, holding means interposed between the die and punch and having an opening of a diameter substantially equalling that of the blank to receive the blank and the punch therein, and means to operate the punch so as to initially cause the blank to enter the die opening while supported by the holding means so that the latter prevents enlargement of that part of the blank held therewithin during partial shaping of the blank in the die, thereby to prevent the formation



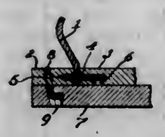
of an air pocket between the die and blank, and to finally move the blank out of the holding means and substantially completely into the die opening.

1,619,496. VAPORIZER AND PREHEATER FOR INTERNAL-COMBUSTION ENGINES. MICHAEL BECK, Minneapolis, Minn. Filed Nov. 28, 1921. Serial No. 518,183. 6 Claims. (Cl. 123—122.)



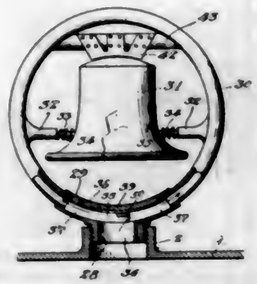
1. The combination with an internal combustion engine, of a casing arranged to be heated by the exhaust from the engine, oil, air and mixing chambers in the casing, said oil and air chambers having communication with the mixing chamber, said mixing chamber having communication with the intake of the engine, an intake valve normally closing the mixing chamber to said intake and arranged to be opened under the suction stroke of the engine, a valve actuated by the intake valve for controlling the oil supply from its chamber to the mixing chamber, and a heating element immersed in the oil in the oil chamber.

1,610,497. SEAM. CHARLES C. BLAKE, Brookline, Mass., assignor to C. C. Blake, Incorporated, Boston, Mass., a Corporation of New York. Filed Nov. 6, 1920. Serial No. 422,278. 18 Claims. (Cl. 112—262.)



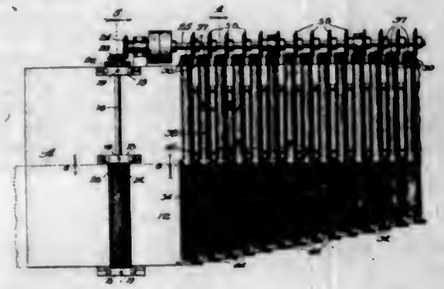
2. In combination, two members one of which is provided with stitch anchoring posts connected at their bases only within the body portion of the member at a substantial distance from the surface thereof, and both of which are provided with a thread secured to one of the members and looped about the posts on the other member.

1,619,498. RADIATOR FILLER. WILLIAM FLOYD COMBS and JOSEPH MAHONAY BECK, Eureka, Utah. Filed Dec. 30, 1924. Serial No. 758,902. 9 Claims. (Cl. 220—86.)



1. The combination of a radiator cap and a filling bell for the radiator of an automobile, said cap having an opening, a slide for closing said opening, a bracket, means for pivotally mounting the bell on the bracket so that the greater portion of the bell will be located above the pivotal point of said bell, said bell having an opening at its upper end adapted to register when inverted with the opening in the cap, and means for locking the bell in an inoperative position, said bell when released being rocked by gravity and inverted, with the opening in the upper end registering with the opening in the cap.

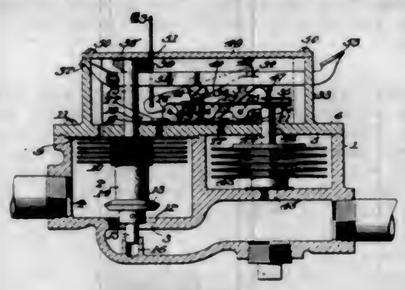
1,619,499. CONTINUOUS LATH-EXPANDING MACHINE. LEWIS E. CURTIS, Milwaukee, Wis., assignor to The Youngstown Pressed Steel Company, a Corporation of Ohio. Filed May 22, 1924. Serial No. 715,137. 6 Claims. (Cl. 164—6.6.)



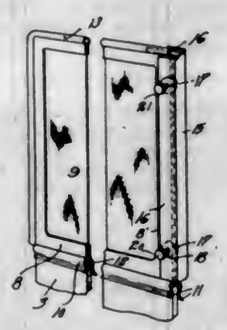
1. In a machine for expanding slitted sheet metal having a deformed edge, a bed for supporting the slitted blank, a series of stepped ledges arranged diagonally of the bed, means lying in the path of said blank to deflect it over the stepped ledges, said means acting as a guide for the deformed edge of the sheet, and rolls for moving said blank along the bed.

1,619,500. AUTOMATIC CUT-OFF FOR PRESSURE-FLUID-SUPPLY LINES. PETER D. ECONOPOULY, Port Jefferson, N. Y. Filed Oct. 11, 1923. Serial No. 668,942. 9 Claims. (Cl. 67—115.)

1. An automatic cut-off for pressure fluid supply lines comprising, a casing, a cut-off valve therein having a stem arranged to extend through said casing, reciprocating mechanism located on the exterior of said casing and arranged to engage the extended portion of said stem for holding the valve open, vertically movable means in the casing controlled by the pressure fluid for actuating said reciprocating mechanism, spring means for closing the valve when the presure falls to a predetermined point, and manually operated means for opening the valve.

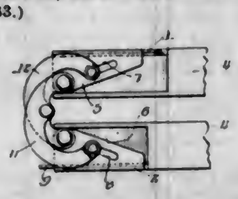


1,619,501. SCREEN FOR AUTOMOBILES. RICHARD WALTER EVANS, Spokane, Wash. Filed Oct. 10, 1925. Serial No. 61,720. 4 Claims. (Cl. 296—45.)



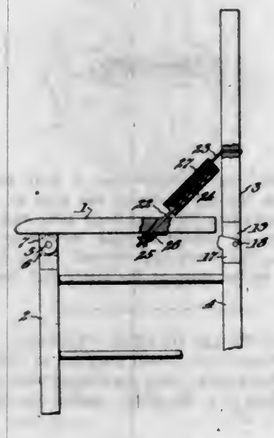
1. The combination with a grooved window frame and lower glass panel, of a screen having a resilient bottom bar for engagment with said glass panel, a side extension rail carried by the screen, and means for projecting said rail in the grooved window frame.

1,619,502. CONCEALED HINGE. MARTIN FOX, Chicago, Ill. Filed June 15, 1925. Serial No. 37,010. 3 Claims. (Cl. 16—163.)



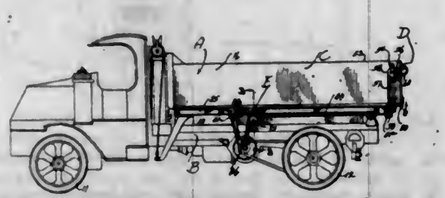
1. The combination with a pair of sectionally angular hinge members adapted for attachment to the adjacent corners of a pair of members to be connected, the corresponding angular parts being formed with inclined slots, and a pair of pivotally connected links each of which is pivoted to one of the angular parts in line with the slot thereof and has a pivoted sliding connection with the slot of the other member, the links extending below the confines of the members when they are in aligning position.

1,619,503. CHAIR. GEORGE D. FURLONG, New Orleans, La. Filed Oct. 28, 1924. Serial No. 746,373. 6 Claims. (Cl. 155—55.)



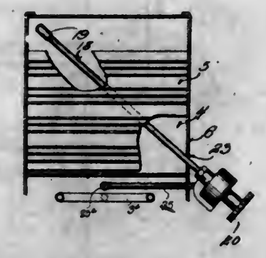
1. A seat and back structure of the type in which a seat and a back are individually pivoted to a support for rocking movement with respect to each other and to said support, characterized by a spring connection between the seat and back.

1,619,504. AUTOMATICALLY-OPERATED END GATE FOR DUMP VEHICLES. HERBERT D. GABRIEL, New York, N. Y. Filed Aug. 25, 1926. Serial No. 131,496. 10 Claims. (Cl. 298—23.)



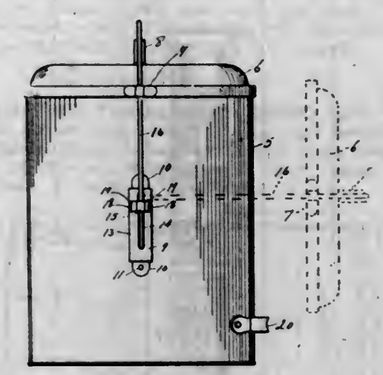
9. In an automatically operated end gate construction for vehicles the combination of a chassis frame, a dump body movably mounted on the chassis frame, an end gate movably connected to the dump body so as to swing open upon elevation of the dump body, a cable, means connecting the cable to the end gate, means connecting the cable to the chassis frame in cooperation with the last mentioned means so that when the dump body is elevated on the chassis frame the cable will have sufficient slack in it to enable the gate to open, and a thrust arm carried by the dump body to engage the cable when the dump body is lowered to render the cable taut and shorten the effective length thereof between the above first and second mentioned means to cause the gate to move to a closed position.

1,619,505. THERMOSTATIC CONTROL FOR OVENS. FRANK A. GAUGER, Milwaukee, Wis., assignor to Time-O-Stat Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 22, 1924. Serial No. 757,445. 16 Claims. (Cl. 126—39.)



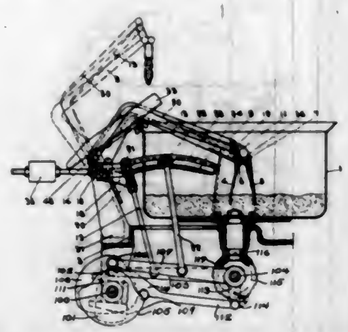
1. In a gas range, the combination of a burner supply header, an oven located adjacent said header, a burner for said oven, and a thermostatic control unit for the oven burner, said unit being directly attached to said header and extending diagonally into said oven and positioned closely adjacent a vertical wall thereof.

1,619,506. LOCK-UP COVER FOR RECEPTACLES. EMIL GEMEINDER, Philadelphia, Pa. Filed Nov. 7, 1925. Serial No. 67,487. 3 Claims. (Cl. 220—58.)



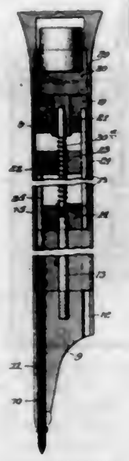
1. In a device of the character stated, a receptacle, vertically, longitudinally slotted guide members on the outside of the receptacle at diametrically opposite points, keepers carried by the guide members and disposed across the slots below the upper ends of the latter, a bail having trunnions at the lower ends of its limbs projecting into the slots of the guide members, the limbs of said bail coacting with the keepers when the bail trunnions are below the upper edges of the keepers to prevent swinging movement of said bail, such swinging movement being permitted when the trunnions are above the upper edges of the keepers, and a cover slidably connected with the bail limbs.

1,619,507. MACHINE FOR HANDLING TOBACCO. ERIK GRANSTEDT, Stockholm, Sweden, assignor to Aktiebolaget Formator, Stockholm, Sweden, a Corporation. Filed Oct. 8, 1924, Serial No. 742,454, and in Sweden Mar. 12, 1924. 11 Claims. (Cl. 214—147).



1. A tobacco machine including a store reservoir, a driven member, a pincher, and means for causing said pincher to grasp a portion of the tobacco mass in the store reservoir and to deliver it from the reservoir upon the operation of said driven member.

1,619,508. LEAD PENCIL. CLARENCE O. GRONBERG, Elgin, Ill., assignor of one-third to Albert M. Price, Elgin, Ill. Filed Mar. 13, 1922. Serial No. 543,381. 23 Claims. (Cl. 120—18.)



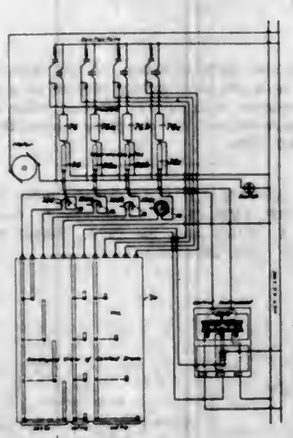
2. A lead pencil comprising a lead-magazine and lead-forcing means for successively engaging the leads in the magazine and feeding them therethrough into position for use comprising a lead-engaging element and rotary means for actuating said element operating, when rotated in one direction, to actuate said element to feed a lead and when reversely rotated to retract said element from the magazine and operating, when rotation thereof is continued after moving said element to retracted position, to effect relative bodily rotation of said lead-forcing means and said magazine.

1,619,509. BOTTLE CAP. LUCIAN S. GROVES, Boston, Mass., assignor, by mesne assignments, to Stewart Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Jan. 16, 1926. Serial No. 81,717. 1 Claim. (Cl. 215—38.)



A milk bottle closure comprising a body plug and a skirt formed on the periphery of the plug at the upper edge thereof depending from the body plug and in spaced relation thereto, an expansion ring carried by the body plug adjacent to the lower edge thereof, and a contraction ring embedded in the skirt at the lower end thereof.

1,619,510. MULTIPLE HEATER CONTROL. HOWARD A. HANDS, Watertown, Mass., assignor to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts. Filed Dec. 30, 1926. Serial No. 158,004. 2 Claims. (Cl. 236—1.)

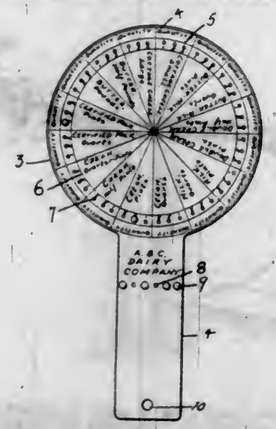


1. In an automatic temperature regulator for a plurality of electric heaters, a plurality of thermo-electric elements, associated with said heaters, a plurality of circuit controllers for regulating the current supplied to said heaters, a single control instrument adapted to be influenced by one or another of said thermo-electric elements, a common distributor with switches and connections whereby the single control instrument is placed in operative relation with one or another of said thermo-electric elements and with the corresponding circuit controllers, and manually controllable means for independently varying the electrical action of each thermo-electric element.

1,619,511. ORDER CARD. OSCAR GEORGE HAUSNER, Webster Groves, Mo. Filed June 7, 1926. Serial No. 114,152. 1 Claim. (Cl. 40—4.)

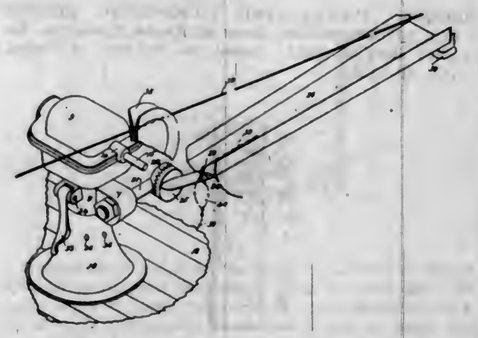
An order card comprising a circular body portion and a projection so proportioned as to permit its insertion into a bottle, the projection secured to the body portion, the face of the body portion being radially divided into

sections, each section having a merchandise indication and a quantity indication and a row of perforations bearing numerical indications, pins of such size as to permit their



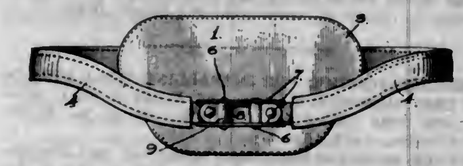
insertion in the perforations of the row in each segment, said projection having perforations therein for the reception of said pins.

1,619,512. FISHING APPARATUS. BRUCE C. HECKMAN, Eureka, Calif. Filed July 15, 1926. Serial No. 122,622. 16 Claims. (Cl. 43—4.)



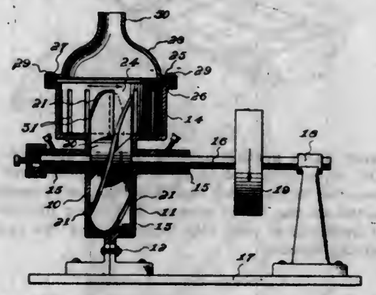
1. In a fishing apparatus, a supporting frame, a fishing arm connected with the frame at one end and having a receiving trough for the line, said trough being open at each end to permit the fish-line to be stretched through it under tension, a guide sheave for the fish-line at the other end of the fishing arm, and a winding device for the fish-line supported by the said frame and arranged in line with the said trough and guide sheave.

1,619,513. ABDOMINAL SUPPORT. CARL H. HITTENBERGER, San Francisco, Calif. Filed Jan. 16, 1926. Serial No. 81,698. 5 Claims. (Cl. 128—99.)



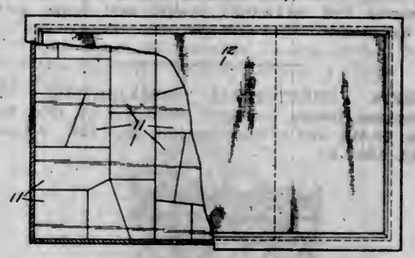
1. An abdominal support comprising a pad; a pair of springs pivotally mounted upon axis parallel to the front of the pad and adapted to extend around the hips of a wearer to hold the pad in supporting relation to the abdomen, said springs being arranged to be swung outwardly from the front of the pad whereby the support may be applied or removed without distorting the springs or pad; and means for preventing vertical strain upon the pivot mountings of the springs and to hold the ends of the spring in rigid engagement with the pad.

1,619,514. PROPELLER PUMP. STEPHEN W. HOLMAN, Marmarth, N. Dak., assignor to The Holman Pump Manufacturing Company, a Corporation of South Dakota. Filed June 9, 1925. Serial No. 35,939. 3 Claims. (Cl. 103—125.)



1. A propeller pump comprising a housing embodying a cylindrical propeller chamber closed at both ends, a cylindrical gate chamber closed at the bottom, the axes of which chamber are respectively horizontal and vertical, a propeller rotating within the propeller chamber and provided with a plurality of spiral fins making substantial contact with all walls of the chamber, and a gate fitting within the gate chamber constructed substantially as a cylinder having its cylindrical walls provided with spaced slots, properly positioned and proportioned to embrace and permit the passage of and make continuous contact with the vanes and to serve in conjunction with the vanes as a worm to continuously rotate said cylindrical gate.

1,619,515. BED FOR BILLIARD TABLES AND THE LIKE. EDMUND F. HOSKIN, Chicago, Ill., assignor to William A. Spinks & Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 2, 1926. Serial No. 133,194. 7 Claims. (Cl. 273—6.)

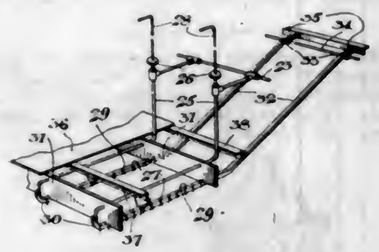


4. In a bed for a table of the character described, the combination of a rigid flat supporting member having a veneer of relatively smaller irregularly shaped slate pieces on the upper surface thereof.

1,619,516. STUBBLE BURNER. CHARLES CLARENCE HOWELL, Kisbey, Saskatchewan, Canada. Filed Feb. 16, 1924. Serial No. 693,303. 3 Claims. (Cl. 126—271.2.)

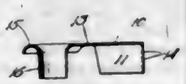
1. A device of the character described comprising a frame, a plurality of spaced parallel runners provided at the forward ends with upwardly extending portions hinged to said frame to provide for vertical displacement

of the runners, spaced transversely extending cross bars supported on said runners and a plurality of liquid fuel pipes supported by said runners and cross bars, each pipe being bent into U-form and arranged to provide a lower burner portion lying on one of said runners and



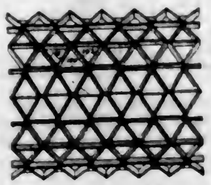
an upper retort portion passing through openings formed in said cross bars and lying directly above said burner portion, the latter being sealed at the end opposite that connected to the retort portion and being provided with outlet openings at each side located above the underlying supporting runner.

1,619,517. CONNECTER FOR ELECTRIC WIRES. WILLIAM HUGHES, Taunton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 5, 1920. Serial No. 363,520. 2 Claims. (Cl. 173—269.)



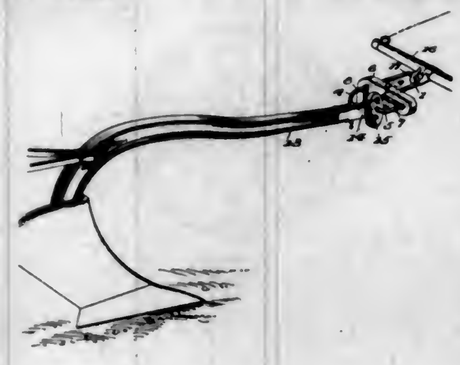
2. The combination with an electric wire having a terminal bend forming an eye, of a terminal connecter consisting of a single piece of sheet metal having a portion substantially surrounding the wire near said eye, an annular flange portion in concentric relation to and engaging said eye, and a barrel portion projecting from said flange portion and through said eye, said barrel portion being divided into a plurality of prongs which curl outwardly and backwardly toward said flange portion and are clenched upon said eye.

1,619,518. SHEET-METAL TRELLISWORK. HUGO JUNKERS, Dessau, Germany. Filed Nov. 21, 1925, Serial No. 70,618, and in Germany Nov. 24, 1924. 9 Claims. (Cl. 108—1.)



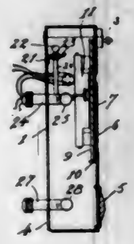
5. Trellis work comprising a plurality of panel rods assembled to form the sides of polygons, part of said panel rods having the form of sheet metal strips, the flat ends of said strips being bent at an angle and the parts adjoining a longitudinal edge being rolled in channel-like fashion, the ends of adjoining rods being superposed in the points of junction, and means for pressing said ends together.

1,619,519. LAP LINK. ELBERT KELLY, Anniston, Ala. Filed Sept. 30, 1925. Serial No. 59,586. 2 Claims. (Cl. 278—96.)



1. A lap link comprising a pair of substantially U-shaped hooks constituting attaching portions, one arm of each of said hooks being longer than the other arm thereof, a half loop having arms into which the longer arms of said hooks are merged, the free ends of the hooks terminating substantially flush with each other, and a latching member for closing said half loop and said hooks, said loop and said hooks extending in opposite directions.

1,619,520. ILLUMINATED LICENSE-TAG HOLDER FOR AUTOMOBILES. JOHN H. KERNS, Covington, Ky. Filed June 30, 1924. Serial No. 723,121. 4 Claims. (Cl. 40—132.)

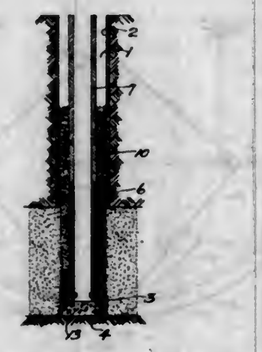


1. A device of the character specified comprising a casing, an open panel in said casing, a plate arranged to be mounted in said casing behind said open panel, said plate being provided with open indicia, a translucent plate arranged to be mounted behind said panel and first plate, means for the illumination of said plates, a bracket at each end of said casing, a plate pivotally mounted in each of said brackets, said plates being adapted to bear against the license and translucent plates for the purpose of securing them in position, means for holding the retaining plates normally in locking position under tension, and means for operating the retaining plates simultaneously to release the translucent and license plates.

1,619,521. METHOD FOR INSTALLING WELL STRAINERS. JOSEPH P. LAWLOR and JAMES I. SEAY, Memphis, Tenn. Filed Jan. 13, 1926. Serial No. 80,963. 5 Claims. (Cl. 166—4.)

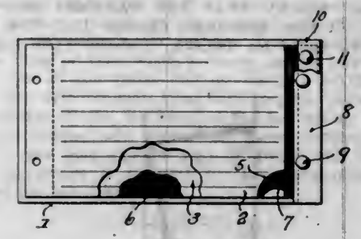
1. The method of installing a casing in a well, comprising, removably securing an enlarged hollow point on the lower end of a lowering and guiding pipe, assembling and lowering strainer units and well casing units closely

surrounding said pipe, and supported by said point to the water bearing sands, surrounding the strainer units with a gravel envelope, removing the sand through the central



pipe and permitting the gravel enveloped units to lower in the sands as the sand is removed, sealing the cone and removing the central guiding and lowering pipe.

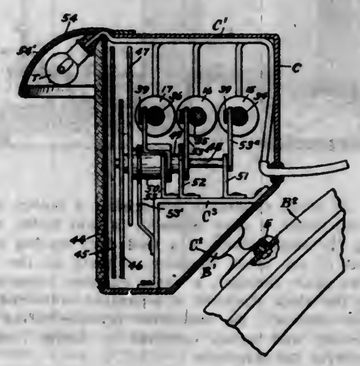
1,619,522. MANIFOLD SHEET. OSCAR LOEWENBACH, Milwaukee, Wis. Filed July 6, 1925. Serial No. 41,841. 1 Claim. (Cl. 282—9.)



A manifold device comprising a base, a block of sheets attached to the base and bound along one side edge, the sheets being arranged in groups of three consisting of a top sheet, a transparent sheet, and a bottom sheet, the top and transparent sheets having registered corners cut away adjacent their free edges, and the bottom sheet being provided with a cutout in its free edge spaced upwardly from the cutaway corners of the first mentioned sheets, a group of carbon sheets secured along an edge opposite the bound edge of the block of sheets, each being cut out at the corner adjacent its secured edge and adapted to be folded between the transparent and bottom sheets of the group of three to expose a strip of carbon between its cutout portion and the cutaway-corners of the top sheets of the group, whereby a pointer may be used to progressively swing the first two sheets outwardly from their bound edges and thereafter swing the carbon sheet in the opposite direction and finally swing the third sheet of the group outwardly in the same direction as the first mentioned two sheets.

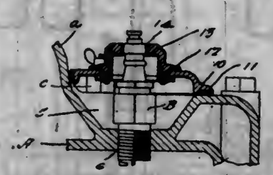
1,619,523. TRAFFIC SIGNAL FOR MOTOR VEHICLES. RONALD C. LUPLOW, Calistoga, Calif. Filed Feb. 2, 1923. Serial No. 616,525. 1 Claim. (Cl. 177—327.)

A signal comprising a casing, a bracket mounted in the casing, a pair of bearing posts connected to the bracket, a sleeve rotatably mounted in the bearing posts, a third bearing post connected to the bracket, a second sleeve mounted in the third bearing post and extending through the first sleeve, a fourth bearing post connected to the bracket, a rock shaft mounted in the fourth bearing post and extending through the second sleeve, an arm fixed to the inner end of the first sleeve, a second arm fixed to the inner end of the rock shaft, a pair of coils mounted transversely above the plane of the first sleeve and spaced apart endwise and having a common core, a stud fixed in the common core between the coils and connected to the first arm, a second pair of coils mounted similar to the first pair of coils and having a second core, a second stud fixed in the second core and connected to the second arm, a third pair of coils mounted similarly to the first and second pair of coils and having a third core, a stud fixed



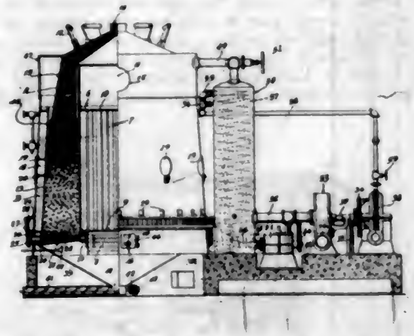
to the third core and connected to the third arm, an indicating arrow fixed upon the front end of the first sleeve, a second indicating arrow fixed upon the front end of the second sleeve in front of the first arrow, a concealing segment fixed upon the front end of the rock shaft in front of the second arrow, and a glass plate in the casing in front of the concealing segment, said first mentioned arrow normally pointing upwardly and adapted to swing to the right to a horizontal position, said second mentioned arrow normally pointing downwardly adapted to swing to the left to a horizontal position, said concealing segment normally being in vertical position adapted to swing to a horizontal position.

1,619,524. COMBUSTION-ENGINE-SPARK-PLUG PROTECTOR. ADAM MANCHESTER, Central Bridge, N. Y. Filed Dec. 30, 1925. Serial No. 78,372. 4 Claims. (Cl. 123—198.)



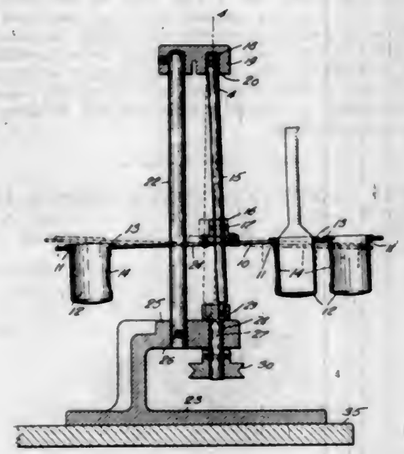
1. In a protector for internal combustion engine spark plugs wherein the engine is formed with pairs of closely related spark plug openings surrounding which are plug wrench receiving pockets, of a plate member formed of a plurality of circular portions adapted to be disposed over said pockets, each of said circular portions being provided with an opening for permitting the upper end of the spark plug to be projected therethrough, a cap formed of insulated material arranged in each of said openings, the top of each cap having an opening provided therein through which the upper end of the spark plug extends, and means for securing the plate on the engine.

1,619,525. OIL-SHALE APPARATUS. HOWARD E. MARSH, Lompoc, and CHARLES J. DUNTEN, Santa Maria, Calif., assignors of one-sixth to Verner B. Lee, Santa Barbara, Calif., and one-sixth to James H. Lee, Grand Junction, Colo. Filed June 7, 1926. Serial No. 114,064. 7 Claims. (Cl. 202—14.)



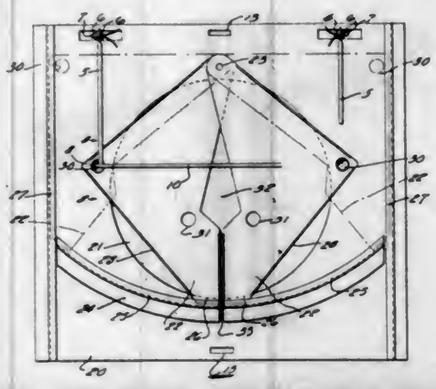
1. An oil shale apparatus comprising a boiler, means to heat the boiler, a shale chamber in said boiler, means for firing the shale chamber, a feed duct leading to the upper end of the shale chamber, a grate at the lower end of the shale chamber, a vapor chamber communicating with the shale chamber, a separator connected with the vapor chamber, an exhauster communicating with the separator, and means operated by steam from the boiler to drive the exhauster.

1,619,526. RECEPTACLE-SHAKING MACHINE. JOHN A. MEEKER and EMMETT J. ROACH, Potsdam, N. Y.; said Meeker assignor to said Roach. Filed Mar. 5, 1923. Serial No. 622,798. 10 Claims. (Cl. 259—72.)



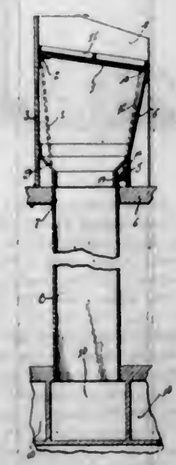
1. In a machine of the character described, the combination of a receptacle carrier suspended from above so that it is adapted to swing around and tilt about its point of suspension, and means for so moving the carrier a receptacle adapted to contain material to be agitated, supported by the carrier and located thereon at one side of said point of suspension, said receptacle having an imperforate bottom and being vertically extended to prevent discharge of the material from the receptacle under agitation action, and the upper portions of said receptacle receiving less movement than the lower portions thereof.

1,619,527. TRAP-NEST ATTACHMENT. MAX J. MOORE, Newark, N. J., assignor to Walter H. Collins, Summit, N. J. Filed Oct. 4, 1922. Serial No. 592,320. 7 Claims. (Cl. 119—49.)



1. A trigger mechanism for a trap nest, comprising a pair of vertically extending arms pivoted at their upper ends, closure-engaging shoulders carried at the lower ends of the vertical arms, and a horizontally extending arm connecting the vertical arms extending across the nest opening in a position to be engaged by the hen.

1,619,528. MONEY TRAY FOR BANKERS AND THE LIKE. ALBERT MORTIMER, Chicago, Ill. Filed Nov. 8, 1924. Serial No. 748,725. 1 Claim. (Cl. 109—1.)



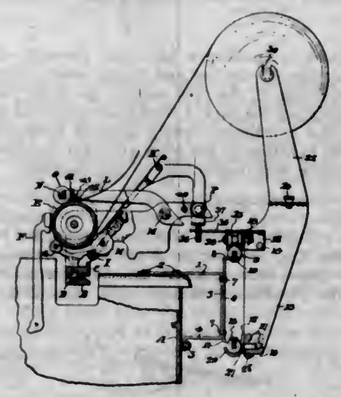
A device of the type described comprising a casing having relatively small openings in the sides thereof, a tray hingedly secured to said casing for holding bills of various denominations thereon, a plurality of bottomless compartments loosely mounted upon said tray for separating the bills from each other and into their various positions, arms hingedly secured to the sides of said casing and provided with inwardly extending portions adapted to be received in the openings for holding said tray in operative position, means for forcing said arms outwardly permitting the inwardly extending portions to release said tray, whereby said bottomless compartments will slide free of said tray, the bills falling free of said compartments as soon as the compartments slide free of said tray, and a receptacle for receiving said bills.

1,619,529. BOX FOR STORING FURS. HANS MÜLLER, Munich, Germany. Filed July 8, 1926, Serial No. 121,151, and in Germany Mar. 17, 1926. 1 Claim. (Cl. 206—11.)



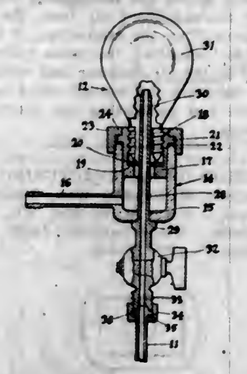
A fur box comprising in combination a frame of wooden laths forming the back, the two long sides and the two short sides, the top lath of the two short sides and of the one long side having each a groove in the inner surface, plates of alder wood ends filling said frame, a lid consisting of a frame of wood laths covered with a plate of alder wood, a tongue on the lath of each short side of the frame and on the lath of the inner long side said tongues being designed to engage with said grooves in the top laths of the box frame, a chub-lock for locking said lid in the closed position, a bar fixed in the long side of said lid frame and engaging with the groove of the lath of the corresponding long side of the box frame.

1,619,530. TYPEWRITING MACHINE. LEWIS C. MYERS, Freeport, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Filed Mar. 5, 1926. Serial No. 92,491. 8 Claims. (Cl. 197—133.)



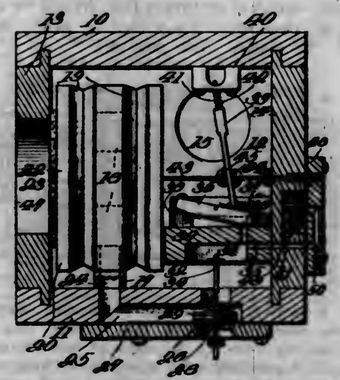
1. A roll carrying attachment for writing machines comprising brackets supported by the machine frame and provided with upper and lower track rails; and a roll supporting frame having double coned rollers running on top of said upper rail, and rollers running on the rear side only of said lower rail; the center of gravity of the roll supporting frame being in the rear of a vertical plane passing through said track rails.

1,619,531. OIL INDICATOR. JOSEPH C. NANGANO, San Pedro, Calif. Filed Sept. 4, 1924. Serial No. 735,898. 1 Claim. (Cl. 116—117.)



An indicator of the class described comprising a body portion having a chamber open at the top and a projecting externally threaded nipple extending from one side, there being an opening at the center of the bottom of the chamber, the upper end of the body around the chamber being finished, a gasket upon the finished upper end of the body, an internally threaded socket member fitting within the chamber and having a flange resting upon the gasket, an internally threaded sleeve screwed upon the body and having a flange engaging the flange of the socket, an old electric light bulb screwed into the sleeve, the filament and support being removed from the bulb, there being an internal shoulder at the lower end of the sleeve and a gasket upon the shoulder against which the light bulb presses, and a nozzle extending upwardly through the central opening of the body and into the light bulb.

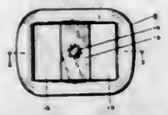
1,619,532. TREMOLO. FRANK H. NIEMANN, Philadelphia, Pa. Filed Aug. 4, 1925. Serial No. 48,113. 9 Claims. (Cl. 84—348.)



7. The combination of an organ tremolo box in which air under pressure is delivered, a pneumatic controlling the discharge of air through an opening in said box, means for conducting air from the box to the pneumatic and for discharging the air from the pneumatic to the atmosphere, a valve for controlling the admission of air

from the box to said means and the discharge of air from said means to the atmosphere, an air chamber located in the box and having a diaphragm, means for connecting the controlling valve to the diaphragm, said air chamber having an intake port and exhaust duct, a valve for controlling the supply of air to the air chamber through the port, means actuated by the pneumatic for operating the valve for cutting off the supply of air to the air chamber whereby the diaphragm will be actuated by the air pressure in the box for causing the controlling valve to cut off the supply of air from the box to the pneumatic and permitting the exhausting of air from the pneumatic, and for actuating the valve whereby the air will be admitted to the air chamber and acting upon the diaphragm for operating the control valve to admit air to the pneumatic and preventing the discharge of air to the atmosphere.

1,619,533. METHOD OF MANUFACTURING BUCKLES. CLAIR P. NOURSE, Milwaukee, Wis., assignor to The Midland Company, South Milwaukee, Wis., a Corporation of Wisconsin. Filed July 20, 1925. Serial No. 44,799. 2 Claims. (Cl. 29—3.)

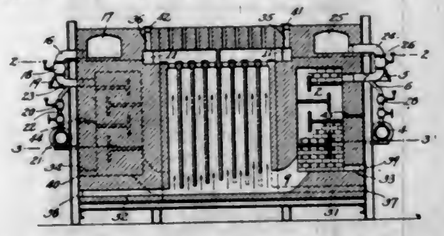


1. The method of manufacturing a buckle which consists in drawing the mid-portion of a blank to form a pocket and simultaneously cutting a small opening in the center of the pocket, utilizing the small opening thus formed to center the blank in a die and stamping a pair of openings in the end portions of the pocket, the medial portion of the same containing the small opening forming a transverse strip, and inserting a pin through said small opening and riveting it to said transverse strip.

1,619,534. OXYCHLORIDE CEMENT AND METHOD OF MAKING SAME. HANS MARTINUS OLSON, Burbank, Calif. Filed Oct. 13, 1923. Serial No. 668,366. 2 Claims. (Cl. 106—29.)

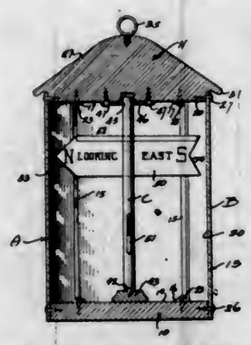
1. A cement comprising magnesium oxide, one percent of a mixture consisting of seventy-five parts of mineral oil and twenty-five parts of beef fat, and magnesium chloride within the percentages of fifteen to twenty-five parts.

1,619,535. VERTICAL-CHAMBER OVEN. CARL OTTO, Bochum, Germany. Filed Feb. 5, 1925. Serial No. 6,992. 15 Claims. (Cl. 202—9.)



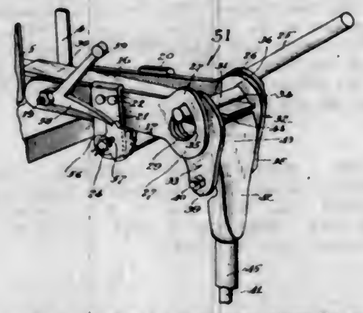
1. In a vertical horizontally enlongated chamber coke oven the combination with the vertical oven chamber having heating walls at the sides of said chamber, each heating wall provided with a series of flues, means for so connecting the flues of one heating wall with the flues of another heating wall of the said oven chamber that the burning gases may pass from the flues of one heating wall to the flues of another heating wall, and means at each front face of the oven, in front of the narrow sides of the oven chambers for preheating the air supplied to the flues of each heating wall.

1,619,536. DIRECTION INDICATOR. WILLIAM J. PARKS and LINCOLN B. EVANS, La Salle, Ill. Filed Mar. 12, 1923. Serial No. 624,516. 5 Claims. (Cl. 33—222.)



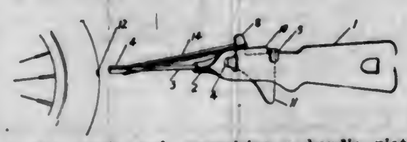
1. As an article of manufacture, a housing for direction indicating mechanisms including a disc shaped supporting base, a conical shaped top being provided with a downwardly tapered top surface, means supporting said base and top in spaced relation, transparent side walls extending intermediate said base and top and providing an enclosed compartment, said top having an annular drip flange extending outwardly and over the marginal top of said side walls, and magnetized direction indicating means movable in the housing and visible through said side walls.

1,619,537. SPRING-EYE BENDER. JACOB O. PARRISH, Pomona, Calif. Filed Aug. 11, 1924. Serial No. 731,444. 10 Claims. (Cl. 153—46.)



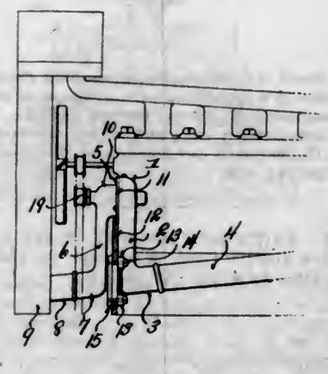
1. A bender comprising a bed, bars pivotally mounted against the sides of the bed and having heads with alined mandrel openings at the free ends of the bars, an eccentric for operating the bars, a bender lever having mandrel openings, and a mandrel loosely inserted across the bed through the openings of the lever and bars, the lever having a working edge concentric to the mandrel.

1,619,538. TIRE-REPAIR TOOL. EWALD F. PAWSAT, Maysville, Ky., assignor to Wald Manufacturing Company, a Corporation of Kentucky. Filed Sept. 29, 1926. Serial No. 138,524. 9 Claims. (Cl. 152—27.)



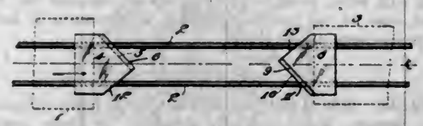
1. A tire repair tool, comprising a handle plate, a needle having a bifurcated end secured in one end of said handle plate, a trigger plate rotatably mounted on said handle plate, holding means on said trigger plate for a resilient band, interlocking means between said handle and trigger plates, said interlocking means being maintained in effective engagement by tension between the bifurcation on said handle plate and said holding means.

1,619,539. CIRCULATING PUMP. EDWARD M. PFAUSER, Milwaukee, Wis., assignor to Blackhawk Manufacturing Co., Milwaukee, Wis. Filed Oct. 20, 1926. Serial No. 142,891. 3 Claims. (Cl. 123—195.)



1. The combination of an internal combustion engine having a transverse front supporting plate, a circulating pump mounted above said plate and having a spaced inlet and outlet portion adapted to straddle said plate and extending downwardly on opposite sides of said plate, and means for clamping said pump to said plate.

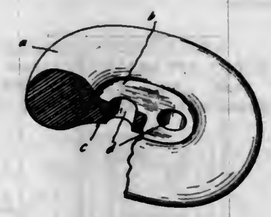
1,619,540. COLLISION BUMPER DEVICE. WILLIAM H. RADEMAEKERS, Sr., and WILLIAM H. RADEMAEKERS, Jr., Newark, N. J. Filed Aug. 28, 1926. Serial No. 132,092. 10 Claims. (Cl. 105—6.)



2. Cooperative collision bumpers, respectively for connection with the forward end of locomotives and the rear end cars of railway trains, comprising a locomotive bumper having at its free end a transversely oblique sheer face inclining forwardly and outwardly from its inner side, a rear car bumper having at its free end a transversely oblique sheer face inclining rearwardly and inwardly from its outer side, an under shot shoulder bordering the lower margin of said latter sheer face, the upper surface of said shoulder being formed to provide an outwardly ascending inclined plane, and said locomotive bumper having an over shot shoulder bordering the upper margin of its sheer face, the under surface of said latter shoulder being formed to provide a reverse inclined plane cooperative with the ascending inclined plane of said rear car bumper.

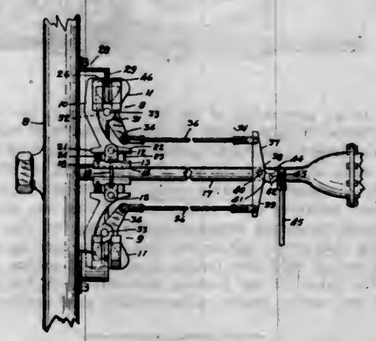
1,619,541. RUBBER BUTTON. CHARLES A. REHOR, Portland, Oreg. Filed Apr. 14, 1925. Serial No. 23,100. 3 Claims. (Cl. 24—90.)

1. A button of elastic homogeneous, non-absorbent material consisting of a relatively thick rim substantially inflexible and a thinner central web integral with the rim, with the maximum thinness of the web at its centre, the



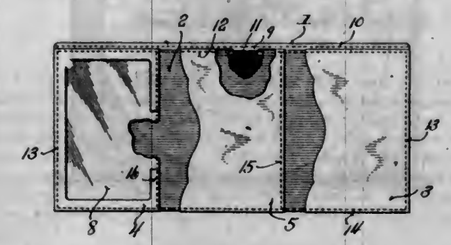
rim adapted to resist bending and folding on diametric lines under normal pressures, but to yield to greater pressures.

1,619,542. BRAKE MECHANISM. EDWARD RIEDINGER, Bloomfield, N. J. Filed Dec. 29, 1924. Serial No. 758,523. 8 Claims. (Cl. 188—72.)



1. A vehicle brake comprising a pivoted gripper member, means for actuating said member, a supplemental gripper member pivotally mounted on said first mentioned member and means for actuating said supplemental member under the action of said first mentioned member.

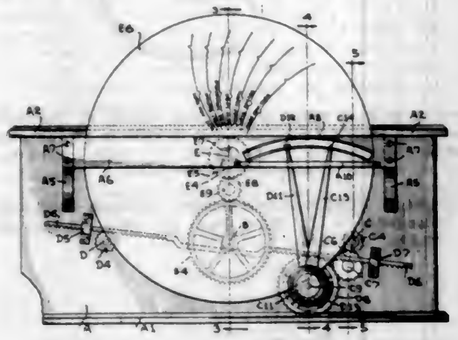
1,619,543. BILL FOLDER. ROBERT H. ROLFS and HARRY J. ROLFS, West Bend, Wis., assignors to Amity Leather Products Co., West Bend, Wis. Filed May 8, 1925. Serial No. 28,843. 1 Claim. (Cl. 150—38.)



A bill folder formed from a single integral blank and comprising a body portion, a main flap joined integrally thereto at one end and folded over said body portion and stitched thereto along two of its edges, a plurality of laterally extending auxiliary flaps folded over said main flap and having their free edges folded beneath said main flap, a line of stitching joining the free edges of said auxiliary flaps and said main flap, and lines of stitching join-

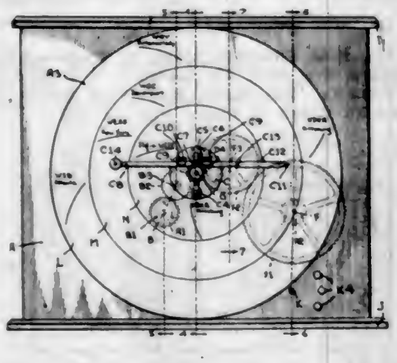
ing said auxiliary flaps and said main flap to form a plurality of pockets with their mouths opening longitudinally of the main flap, said auxiliary flaps being integral with said body portion.

1,619,544. RADIO APPARATUS. ALFRED F. SANFORD, Knoxville, Tenn. Filed Aug. 21, 1925, Serial No. 51,637. Renewed Oct. 7, 1926. 21 Claims. (Cl. 250—40.)



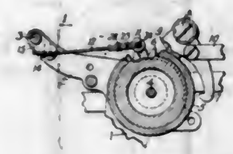
5. In an apparatus of the kind described, the combination of a tuning shaft, a movable member bearing a record-receiving surface, gearing connecting said member and said shaft, two other tuning shafts, a stationary guide, two guides movable along the stationary guide, two rocking members on a common axial line one supporting one and the other supporting the other of the movable guides, and means connecting one of the rocking members with one of said two tuning shafts, and means connecting the other of the rocking members with the other of said two tuning shafts, substantially as described.

1,619,545. RADIO APPARATUS. ALFRED F. SANFORD, Knoxville, Tenn. Filed Sept. 23, 1925, Serial No. 58,154. Renewed Oct. 7, 1926. 16 Claims. (Cl. 250—40.)



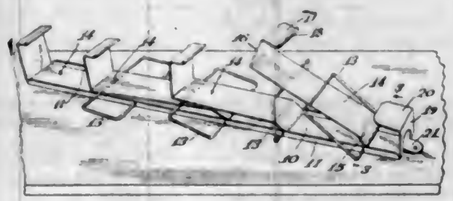
1. In a radio-receiving mechanism the combination of a wall having a record-receiving surface, two shafts to be turned for tuning, a pointer bar, and means located at the rear of said wall in operative relation with said pointer and with said shafts whereby rotation of one of said shafts and movement of the pointer bar in one direction are simultaneous and whereby turning of the other shaft and movement of the pointer in another direction are simultaneous, substantially as described.

1,619,546. TYPEWRITING MACHINE. HERBERT C. SHEPARD, Frankfort, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed July 10, 1925. Serial No. 42,752. 14 Claims. (Cl. 197—114.)



1. In detent mechanism for typewriting machines, the combination of a supporting arm, a detent roller, a pivot piece comprising a barrel portion for the roller to turn on and flattened end portions, and means for rigidly securing the flattened end portions of the pivot piece to said supporting arm.

1,619,547. PAPER-BAG HOLDER. HARRY L. SNYDER, West Los Angeles, Calif. Filed Sept. 18, 1925. Serial No. 57,146. 3 Claims. (Cl. 211—2.)



1. A paper bag holder comprising a support, a plurality of panels secured to the support and extending downwardly and outwardly therefrom, each panel having its lower end bent to provide a shelf, and a bail associated with each panel and pivoted to said support, each bail being capable of being swung against the forward side of its respective panel to maintain a series of paper bags thereagainst.

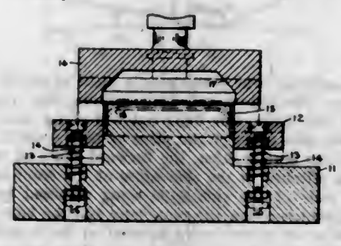
1,619,548. MECHANICAL REFRIGERATION. CHARLES C. SPREEN, Detroit, Mich., assignor, by mesne assignments, to Electric Refrigeration Corporation, Detroit, Mich., a Corporation of Michigan. Original application filed Mar. 14, 1925, Serial No. 15,477, Patent No. 1,549,335, dated Aug. 11, 1925. Divided and this application filed June 22, 1925. Serial No. 38,679. 4 Claims. (Cl. 62—116.)



1. In a mechanical refrigerator unit, comprising refrigerant compressing mechanism: a refrigerant expansion unit comprising a horizontal inlet manifold provided with a plurality of outlets, and with an intake; a horizontal outlet manifold provided with a plurality of inlets, and with a discharge; duct means for connecting such compressing mechanism to said intake; duct means for connecting said discharge to such compressing

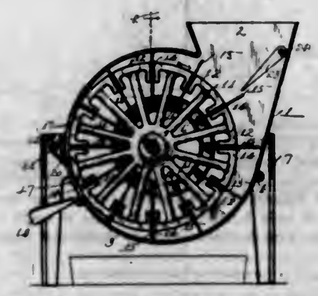
mechanism; and a plurality of vertically spaced substantially flat substantially horizontally disposed coils each connected between one of said outlets and one of said inlets.

1,619,549. METHOD OF FORMING BAND BRAKES. MELVIN STRINGER, Pottstown, Pa. Original application filed Aug. 28, 1924, Serial No. 734,698. Divided and this application filed Oct. 19, 1925. Serial No. 63,534. 3 Claims. (Cl. 153—3.)



1. The method of forming an article of the class described consisting in first forming a strip of material to the desired diameter, then bending the upper part in a stamping press forming a flange part of the distance said flange is to be bent, and then thereafter completing the bending of said flange with another tool.

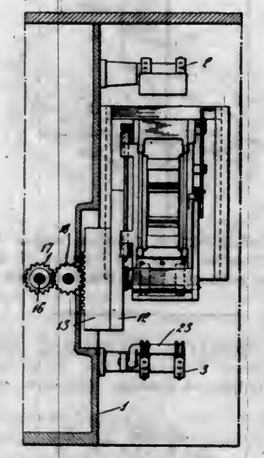
1,619,550. MACHINE FOR MASHING FRUITS AND VEGETABLES. VICTOR E. THERAUD and SYBRANT WESSELIUS, Grand Rapids Township, Kent County, Mich. Filed Jan. 30, 1926. Serial No. 84,864. 5 Claims. (Cl. 146—174.)



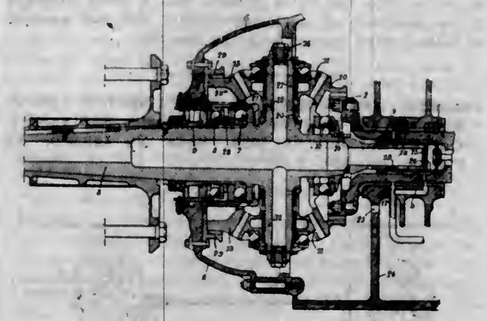
1. In a machine of the character described: a receptacle having a screen portion; a circuitous guide; an element rotatable about an axis eccentric to that of the guide; vanes engaging the guide and severally movable thereby on said element toward the screen portion and independently thereof and of the receptacle.

1,619,551. FRAMING MECHANISM FOR MOTION-PICTURE MACHINES. THEODORE F. UHLEMANN, New York, N. Y., assignor to Nicholas Power Company, Inc., New York, N. Y., a Corporation of Delaware. Filed June 3, 1920, Serial No. 386,143. Renewed May 8, 1926. 6 Claims. (Cl. 88—17.)

1. In a framing mechanism for moving picture machines, film driving mechanism mounted in the frame of the machine, a fixed projection aperture, a sprocket adjustable with reference thereto to frame the picture, and film guides for maintaining the film in position for projection at said aperture, said film guides with said sprocket constituting a movable unit shiftable relative to the projector mechanism.



1,619,552. SPEED-REDUCING GEAR. CHARLES WASEIGE, Ruell, France. Filed Apr. 1, 1926, Serial No. 99,086, and in France Apr. 23, 1925. 14 Claims. (Cl. 74—34.)

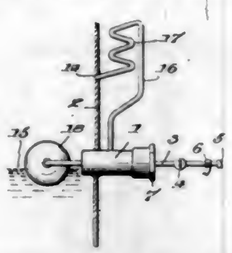


1. In combination with a driving shaft and a driven shaft: a differential speed reducing mechanism comprising a rotary bevel sun wheel adapted to be driven by said driving shaft and to slide axially with respect to the same, a relatively stationary bevel sun wheel, planetary pinions rotatably supported by said driven shaft and meshing with both sun wheels and an adjustable stop piece for limiting the axial motion of said rotary wheel.

1,619,553. LIQUID-LEVEL INDICATOR. FRANK E. WELLMAN, Kansas City, Kans. Filed May 24, 1923. Serial No. 641,100. 3 Claims. (Cl. 73—82.)

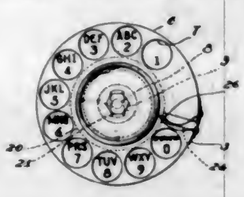
1. A liquid level indicator for high pressure stills comprising a hollow float, a tubular arm and rock-shaft supporting said float and communicating with the interior thereof, a stuffing box for said shaft arranged to be

mounted in the wall of the still, said shaft extending through the stuffing box and having its end sealed beyond the stuffing box, indicating means mounted on said shaft



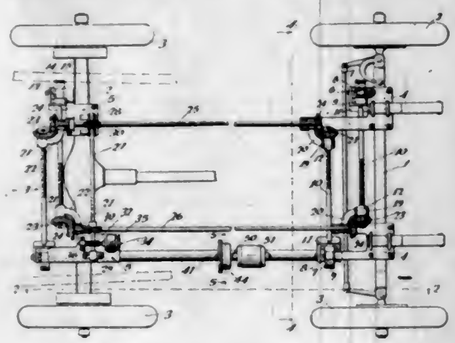
outside the stuffing box, a chamber within the stuffing box in communication with the interior of said tubular shaft and means connecting said chamber with the interior of the still.

1,619,554. AUTOMATIC TELEPHONE APPARATUS. TOM B. WILLSON, Pittsburgh, Pa. Filed June 5, 1925. Serial No. 35,129. 3 Claims. (Cl. 179—90.)



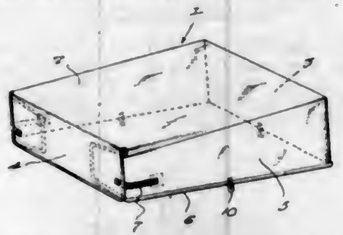
1. The combination with an automatic telephone dialing mechanism comprising a fixed dial face and a rotary manipulating disk, of a supplementary disk positioned between the dial face and the manipulating disk mounted to rotate with the latter element, and a brush attached to the underside of the supplementary disk and adapted to make wiping contact with the dial face.

1,619,555. AUTOMOBILE PARKING DEVICE. ERNST WISROTH and ARMOND J. HIRSCHFIELD, Los Angeles, Calif. Filed July 21, 1926. Serial No. 123,939. 12 Claims. (Cl. 180—1.)



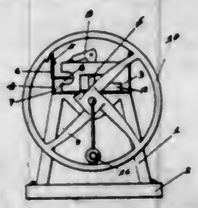
1. An automobile parking device comprising in combination a vehicle having front and rear axles, brackets connected to said axles, legs pivotally connected to the brackets, transverse wheels at the base of said legs, jack rods connected to said wheels, said rods crossing each other, and means mounted in a fixed position on opposite sides of the vehicle to actuate the jack rods to elevate and lower the transverse wheels.

1,619,556. AUTOMOBILE SEAT-CUSHION COVER. MAURICE F. AARON, Mizpah, N. J. Filed May 29, 1925. Serial No. 33,720. 1 Claim. (Cl. 155—182.)



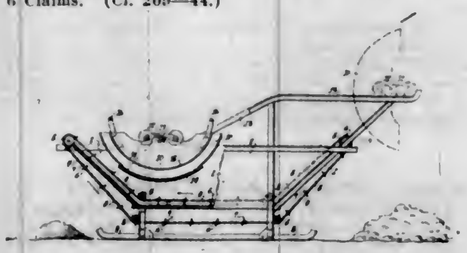
A seat cushion cover comprising a piece of fabric adapted to cover the top of the seat cushion, and including front and rear flaps, side flaps stitched along their upper edges to the side edges of the piece of fabric which covers the top of the seat cushion, the forward edges of the side flaps being stitched to the side edges of the front flap, the rear free ends of the side flaps being disposed inwardly and interposed between the rear flaps and the back of the seat cushion, an elastic strip secured at its forward end to the outer side of each of the side flaps adjacent the rear free end thereof, cooperating detachable securing means associated with the free end of each elastic strip, and the adjacent end of the rear flap, and loop members associated with the lower edges of the flaps for facilitating the attachment of the cover to the seat below the cushion.

1,619,557. VEGETABLE AND SOAP SLICING MACHINE. EDWARD ANDERSON and ROSS W. ADAMS, Minneapolis, Minn. Filed Aug. 26, 1925. Serial No. 52,616. 4 Claims. (Cl. 146—113.)



1. In a slicing machine, the combination of a trough for receiving a substance to be sliced, an angle plate hinged to said trough and having one leg extending substantially horizontal into said trough thru an aperture in one wall thereof, a downwardly extending lip on the inner edge of said horizontal plate and a knife edge extending from said horizontal plate inwardly beyond said lip.

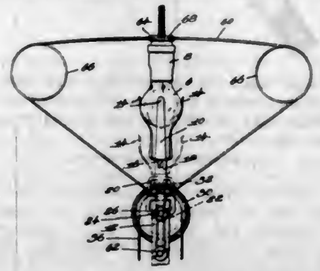
1,619,558. GOLD WASHER. THEODORE F. X. BEAUDET, Blaine, Wash. Filed Jan. 29, 1925. Serial No. 5,646. 6 Claims. (Cl. 209—44.)



1. A gold washer comprising a water tank having a bottom and inclined ends, means shiftable from end to end of said tank and located within the upper portion

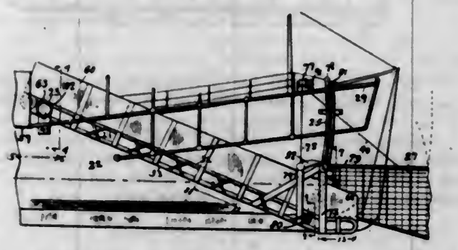
thereof for screening the sand from the gravel, and another means movable along the bottom and inclined ends of said tank and including a conveyor with pins for raking the sand deposited in the bottom of the tank and with angle bars for removing from the tank the upper stratum of sand.

1,619,559. APPARATUS FOR REMOVING AND INSERTING ELECTRIC BULBS. JOHN L. BERRY and WALKER HOLDEN, Andover, Mass. Filed June 23, 1926. Serial No. 117,998. 6 Claims. (Cl. 294—21.)



1. An apparatus for removing and inserting electric bulbs comprising a support, a bulb gripping device mounted on one end of the support and having provision for angular adjustment with respect to the support, actuating means in fixed position with relation to the support and associated with the gripping device to rotate the latter independently of the angular position thereof, and a flexible connection from the opposite end of the support to the actuating means for operating the latter independently of any movement of the support.

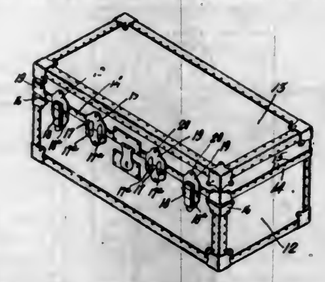
1,619,560. FISH-CATCHING APPARATUS. HERBERT E. BLECKER, New York, N. Y. Filed Aug. 21, 1925. Serial No. 51,676. 12 Claims. (Cl. 43—4.)



1. In an apparatus of the class described, the combination with a suitable vessel, of side elevators attached thereto and having hollow side rails in alignment with sprocket wheels, endless chains in mesh with the said sprocket wheels, cross connecting rods attached at intervals to the said chains and having roller members adapted to run within the said hollow rails, spreader bars secured at intervals to the said chains, and cordage secured to the said connecting rods and spreader bars forming therewith a mesh construction, a receiving net secured to the said side elevators and means to actuate the conveying members therewith connected.

1,619,561. TRUNK. JULIUS A. BOLZ, Everett, Mass. Filed May 1, 1926. Serial No. 105,905. 2 Claims. (Cl. 190—28.)

1. A trunk cover having a sheet metal band attached to and projecting therefrom, to overlap the upper portion of a trunk body when the cover is closed, and a plurality of latching members complemental to latching members on the body, each cover-latching member including a plate riveted to the cover above the band, extending across the outer side of the band, and provided with spaced apart hooks composed of ears seated on the inner side of the overlapping portion of the band, and necks connecting the ears with the plate and seated on the lower edge of said



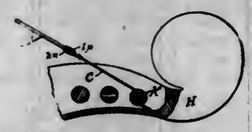
overlapping portion, the hooks reinforcing the overlapping portion, supporting the same against lateral displacement, and adapted to slide on the upper edge portion of the body when the cover is being closed, and thereby prevent chafing contact between the band and the body.

1,619,562. TRAFFIC SIGNAL. DAVID G. BOND, Quitsna, N. C. Filed Jan. 25, 1926. Serial No. 83,649. 2 Claims. (Cl. 116—51.)



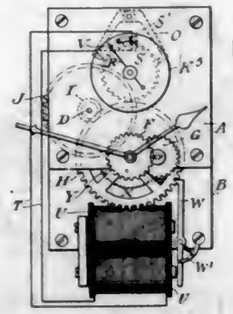
1 A traffic signal including a casing having a window, a shaft journaled through a wall of the casing, a signaling member carried by said shaft within the casing and provided with a signaling device, means for rotating the shaft and turning said member to dispose said device opposite the window for display, means within the casing in the rear of said member for illuminating said signaling device when displayed, and an opaque member closing the space between the signaling member and the wall of the casing for cutting off the passage of light between said signaling member and the casing.

1,619,563. FASTENING CONNECTER FOR STRINGS OF MUSICAL INSTRUMENTS. AARON BURDWISE, Baltimore, Md., assignor to Musical Manufacturers' Corporation, Baltimore, Md., a Corporation of Maryland. Filed Jan. 18, 1926. Serial No. 82,150. 1 Claim. (Cl. 84—297.)



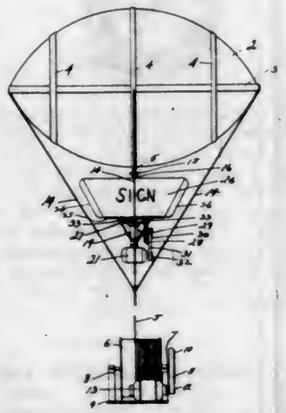
A musical instrument string comprising a main portion of gut or the like, and a key-connecting portion of comparatively stiff but bendable and comparatively non-elastic metal wire wound around and tightly embracing the front end of said main portion and extending forward beyond said front end and being of a size and shape which enables it to be inserted through the usual hole that extends laterally through a violin-key or the like, said wire thus being bendable by rotation of a violin-key or the like and thereby lockable to the latter for drawing the front end of said main portion onto and around the violin-key or the like.

1,619,564. ELECTRICALLY-OPERATED CLOCK. BURT COLIN CAMPBELL, Cleveland, Ohio. Filed Aug. 21, 1924. Serial No. 733,350. 11 Claims. (Cl. 58—41.)



1. In an electrically controlled clock, in combination with the arbor of the spring second hand wheel, a spring second hand thereon, a dial therefor, a pinion and barrel, and a coiled spring operatively connecting said barrel and arbor, spaced contact members upon said dial, and a wedge shaped bridging contact member upon said second hand.

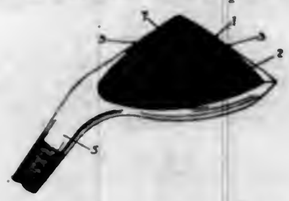
1,619,565. AERIAL ADVERTISER. JOSEPH CHVOJKA, Philadelphia, Pa. Filed Jan. 24, 1925. Serial No. 4,417. 2 Claims. (Cl. 40—29.)



1. An aerial advertising device including a balloon, a cable, means for connecting said cable to the balloon, means for reeling said cable in and out, an electric motor supported by the cable, a tubular support connected with the motor and through which the cable passes, said tubular support being in fixed relation to the cable, a tube on the cable above the tubular support, a ball bearing between the tube and said tubular support, a bearing fixed on the cable and projecting into the upper end of the tube, driving means for transmitting motion from the motor to said tube, a skeleton sign frame connected with said tube to revolve therewith, transparent material covering the sides of said sign frame on which advertisements may be delineated.

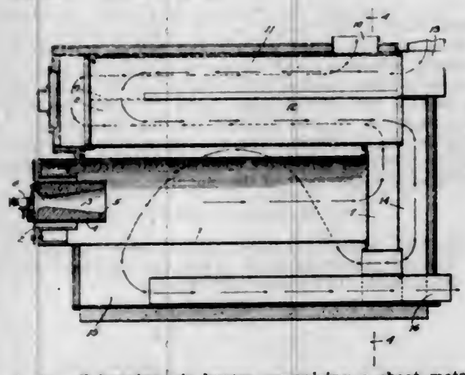
1,619,566. GOLF CLUB. RICHARD LOUIS CRANKSHAW, Dunlewy, Gweedore, Ireland. Filed Sept. 7, 1926, Serial No. 134,016, and in Great Britain Sept. 14, 1925. 8 Claims. (Cl. 273—77.)

1. A modern type of golf club head, a base comprising two surfaces, one of which slopes downwards from approximately the point at which the shaft merges into the head and meets the other sloping surface at a point in alignment with substantially the vertical centre line of the driving face, thereby providing a substantially



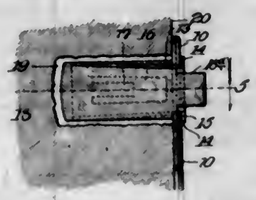
V-shaped lower edge for the driving face, the driving face being at an angle to the axis of the shaft of the club so as to bring into prominence the centre of the front edge of the base.

1,619,567. SHEET-METAL OIL-BURNING AIR HEATER. WALTER B. CROAN, Chicago, Ill., assignor to Drying Systems, Inc., Chicago, Ill., a Corporation of Illinois. Filed Jan. 18, 1926. Serial No. 82,026. 2 Claims. (Cl. 126—104.)



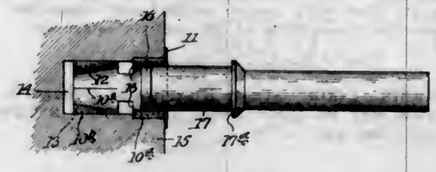
1. An oil burning air heater comprising a sheet metal structure forming a combustion chamber and a plurality of narrow flue gas passageways communicating with the combustion chamber and alternating with narrow passageways for air, means forming an air space surrounding the combustion chamber, and said air space being in communication with said air passageways.

1,619,568. EXPANSIBLE FASTENING. JOSEPH A. DEDOUCH, Oak Park, Ill. Filed Dec. 19, 1925. Serial No. 76,464. 3 Claims. (Cl. 72—105.)



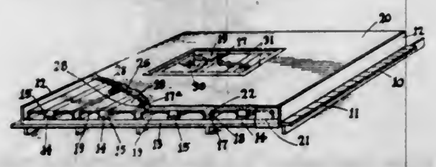
2. In a device of the class described, a hollow member having a passage therethrough and being open along one side, and a soft metal plug therein adapted to spread said member so as to expand said device into contact with the walls of a hole into which it is inserted when said plug is spread by a tool inserted through the outer end of said member, said soft metal also passing around the bottom end of the hollow member.

1,619,569. EXPANSIBLE FASTENING. JOSEPH A. DEDOUCH, Oak Park, Ill. Filed Dec. 19, 1925. Serial No. 76,465. 5 Claims. (Cl. 72—105.)



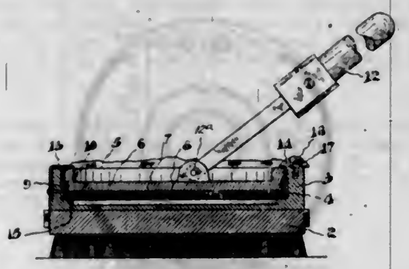
2. In a device of the class described, a hollow slitted member adapted to be inserted into a hole, a metal disk adapted to be driven therein to expand said hollow member into contact wtih the walls of said hole, means on the outer face of said hollow member for gripping the walls of said hole, and an annular rib on the outer face of said hollow member for gripping the walls of said hole.

1,619,570. METHOD OF BUILDING HOLLOW-WALL CONSTRUCTIONS. HOWARD A. DUCHEMIN, Los Angeles, Calif. Filed Oct. 13, 1924. Serial No. 743,337. 3 Claims. (Cl. 25—155.)



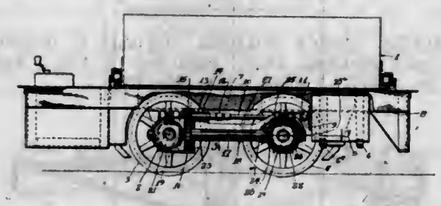
1. The method of building a hollow wall which consists of pouring a slab of self-hardening plastic material in a substantially horizontal position, supporting a plurality of rigid collapsible core forms at their ends in spaced parallel relation over said slab, pouring self-hardening plastic material between and over the core forms, collapsing and withdrawing the core forms when the material has set, and raising the wall from the horizontal position into a substantially vertical position.

1,619,571. FLOOR-FINISHING APPARATUS. JOHN THOMAS GARTON, Toronto, Ontario, Canada. Filed June 5, 1925. Serial No. 35,222, and in Canada Feb. 9, 1925. 3 Claims. (Cl. 91—39.)



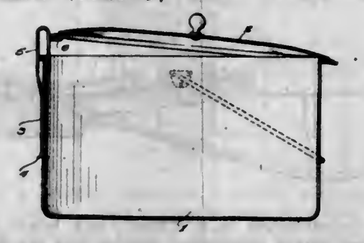
1. A floor finishing tool formed with a solid back having a recess in its upper surface forming a shallow chamber wtih a closed bottom; a handle carrying member adapted to be snugly received in said recess and formed with a flat under surface; and means for supporting said member with its under surface spaced from the bottom of the recess.

1,619,572. LOCOMOTIVE. WALTER S. GRAY, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 26, 1924. Serial No. 758,000. 1 Claim. (Cl. 105—117.)



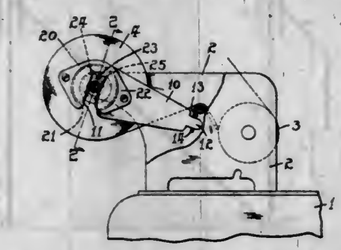
In a locomotive having two axles, driving mechanism comprising a centrally disposed longitudinal driving shaft having geared connections at each end thereof with one of said axles, a motor mounted upon said locomotive, flexible means substantially parallel to said driving shaft connecting said motor therewith at a point adjacent one of said axles, a centrally disposed longitudinal housing for said driving shaft, and means permitting rocking movement of either or both of said axles.

1,619,573. LID SUPPORT. ELIZABETH HAINES, Concord, Mass. Filed May 25, 1926. Serial No. 111,577. 2 Claims. (Cl. 53—8.)



1. A lid support for a cooking utensil, the same comprising an elongated spring strip folded intermediate its length to provide jaws normally in contact for some distance from their free ends whereby to obtain an extended grip against the sides of the utensil and having the portions adjacent the fold spaced apart for some distance to provide clearance for the rib or reinforcement at the upper edge of the utensil and permit vertical adjustment of the support upon the utensil, and an abutment projecting laterally from one jaw adjacent the fold to engage and support the lid at the required distance above the utensil.

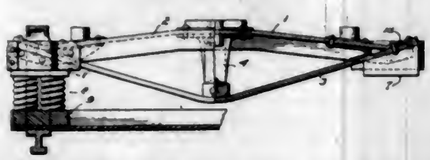
1,619,574. RETARDING DEVICE. ALLEN A. HORTON, Plymouth, Mich., assignor to Burroughs Adding Machine Company, a Corporation of Michigan. Filed Dec. 21, 1925. Serial No. 76,913. 9 Claims. (Cl. 188—83.)



1. The combination in an accounting machine, of a paper spool mounted for rotation, a member held against rotation and positioned to engage said spool, a second

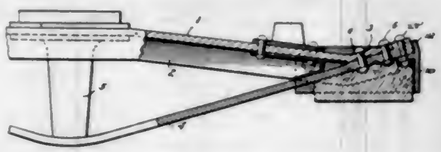
member having a surface inclined toward said spool, and means carried by the first member in resilient engagement with the inclined surface of the second member to urge said first member into engagement with the spool.

1,619,575. TRUCK BOLSTER. CHARLES F. HUNTOON, South Pasadena, Calif. Filed Sept. 3, 1925. Serial No. 54,277. 1 Claim. (Cl. 105—229.)



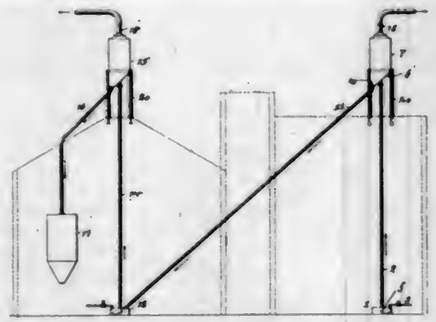
In combination, in a truck bolster, wear plates riveted on either side of the ends of the bolster and having upset portions or shoulders formed thereon, and at each end a plate having portions overlying the outer ends of the wear plates and riveted to said plates.

1,619,576. TRUCK BOLSTER. CHARLES FRANCIS HUNTOON, South Pasadena, Calif. Filed Oct. 12, 1925. Serial No. 62,049. 5 Claims. (Cl. 105—229.)



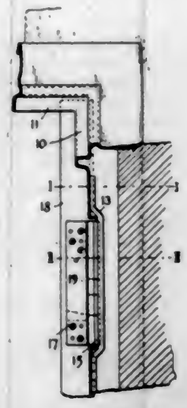
1. In combination in a trussed truck bolster having a channel-shaped compression member with the marginal flanges extending downwardly, a tension member having its ends secured to the ends of the web of the compression member, and a strut between the medial portions of the said members, guide plates riveted to the flanges of the compression member at each end of the bolster, and end members riveted to the end of the tension member and to the two adjacent side plates.

1,619,577. METHOD OF COOLING COMMINUTED SOLID MATERIAL. JENS O. JENSEN, Baltimore, Md. Filed June 8, 1921. Serial No. 476,091. 1 Claim. (Cl. 62—170.)



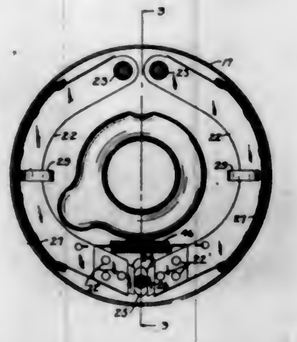
In the treatment of pulverulent filtering material for the purpose of reducing its temperature, the process which comprises distributing said pulverulent material in and exposing it to the cooling effect of an upwardly ascending air blast, settling the material and separating the air therefrom, and again distributing it and exposing it to the cooling effect of an upwardly ascending air blast with another settling and separation, to lower the temperature of the material stage-wise.

1,619,578. DOOR. ALBERT KIRSCHBAUM, Newark, N. J. Filed May 10, 1926. Serial No. 108,063. 3 Claims. (Cl. 189—46.)



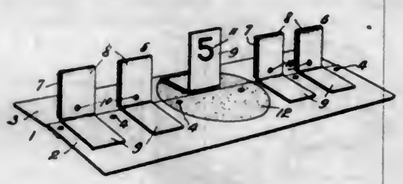
1. The combination of a door jamb provided with a corner bead having a cylindrical surface, the bead having gaps to receive hinges each hinge being set with the axis of its pin in line with the axis of the bead, and a door carried by the hinge with an edge in close proximity to the bead of the door jamb.

1,619,579. BRAKE. VINCENT LINK, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Original application filed Sept. 28, 1923, Serial No. 665,442. Divided and this application filed Apr. 22, 1926. Serial No. 103,875. 6 Claims. (Cl. 188—250.)



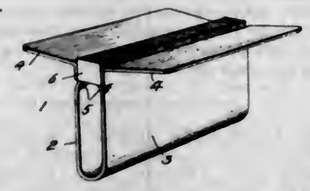
4. A pressed metal brake shoe having a recess at one end and a cam contact member having a projection extending into and secured in said recess, the inner face of said cam contact member engaging the end of said shoe.

1,619,580. AMUSEMENT APPARATUS. EUGENE McLEAN LONG, New York, N. Y. Filed Dec. 16, 1925. Serial No. 75,764. 5 Claims. (Cl. 273—127.)



1. In an amusement apparatus, a base, angular, movable members connected to said base by a flexible means so arranged and disposed that they may be shifted by a ball passing over the apparatus and the shifted movable members then indicate a score.

1,619,581. SCISSORS SHARPENER. EUGENE McLEAN LONG, Port Washington, N. Y. Filed Mar. 8, 1926. Serial No. 93,012. 1 Claim. (Cl. 76—82.)



A scissors sharpener having a loop with four inwardly projecting ears and having outwardly projecting flanges, and a file held adjacent to the flanges and by the loop and against the ears.

1,619,582. KEY HOLDER. EUGENE McLEAN LONG, Port Washington, N. Y. Filed Mar. 8, 1926. Serial No. 93,013. 2 Claims. (Cl. 59—97.)



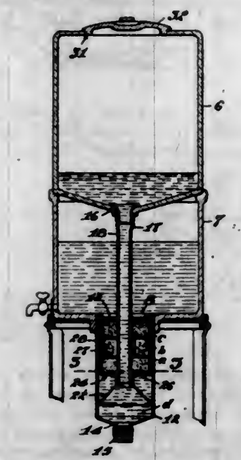
1. A key holder composed of an end, two converging spring sides and overlapping parts adapted to pass through the openings in keys and hold the same in place, the sides being so arranged and disposed that they will grip the keys and hold them with a frictional contact.

1,619,583. STEAM IRON COUPLING AND HOSE. JOSEPH J. MULCONROY, Germantown, Pa., assignor to Mulconroy Company, Inc., Philadelphia, Pa., a Corporation of New Jersey. Filed June 17, 1925. Serial No. 37,608. 2 Claims. (Cl. 285—72.)



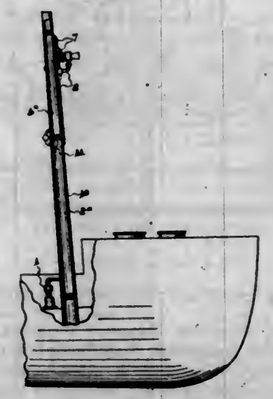
1. In a device of the character stated a one-piece body screw-threaded at each end and having a restricted opening at one end, a restricted hose part extended through said member and fitted into said opening, a nipple, a union nut screw-threaded to said body and connecting said nipple and the end of said member engaged by said hose, a packing within said body and surrounding said hose, a packing nut having screw-threaded engagement with the end of said body opposite that end having the union nut, which nut has an enlarged open end to receive an enlarged hose part, and a set screw penetrating said packing nut adjacent said enlarged open end to lock said hose part to place.

1,619,584. FILTER. JOSEPH F. NELSON, Los Angeles, Calif. Filed Mar. 25, 1926. Serial No. 97,414. 4 Claims. (Cl. 210—101.)



1. In a filtering apparatus, a filtrate container having an opening in its bottom wall, a depending jar extending, over said opening fitted with a drain outlet, a closure for said outlet, a filter in said jar extending over the opening in the container and spaced from the lower end of the jar, and a feed pipe having its discharge end opening within the jar beneath said filter.

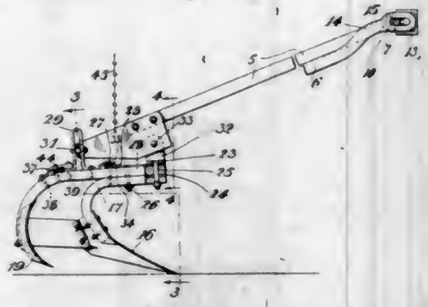
1,619,585. SOUND-SIGNALING INSTALLATION. JOHN PELL NORTHEY, Toronto, Ontario, Canada. Filed June 8, 1926, Serial No. 114,475, and in Great Britain June 8, 1925. 3 Claims. (Cl. 116—147.)



3. In sound signaling installations the combination of a sound producing device of the siren or diaphone type adapted to use air for driving and separately supplied air for sound producing purposes; separate air storage sys-

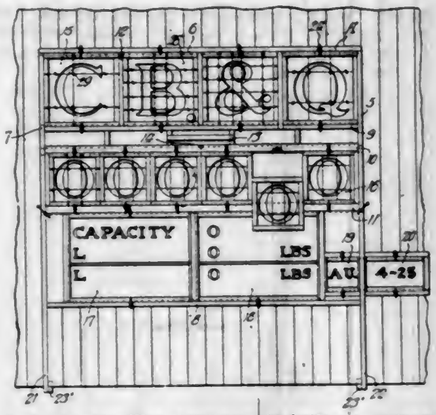
tems, one connected to the device to provide air for driving and the other, of larger capacity, connected to the device to provide air for sound producing; an air compressor adapted to supply compressed air directly to the larger system and a direct communication between the two air storage systems adapted to permit air to pass from the sound producing air system to the driving air system and to prevent equalization of pressure while the sound producing device is in operation and air is being used at a faster rate from the sound producing air system than from the drifying air system.

1,619,586. AGRICULTURAL MACHINE. FREDERICK L. SCHLEY and CLEMENS ERNST, Brooklyn, N. Y. Filed Jan. 29, 1925. Serial No. 5,445. 7 Claims. (Cl. 97—161.)



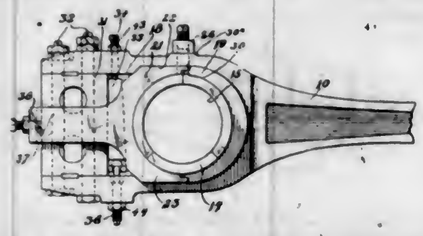
1. In an agricultural machine, a yoke member adapted to have connection to a draft means, an implement beam having pivotal support from the yoke member, a guide member on the implement beam engaging about said yoke, and means for adjustably connecting said yoke to said guide member whereby to hold the implement beam in an adjusted angular position.

1,619,587. STENCILING APPARATUS. WILLIAM H. SCHOGER, Aurora, Ill. Filed Apr. 12, 1926. Serial No. 101,247. 4 Claims. (Cl. 101—114.)



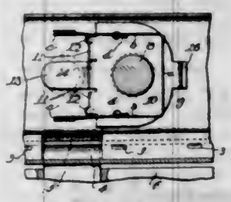
1. A car stenciling apparatus including a rectangular frame having a plurality of appropriately positioned stencil receiving openings therein, interchangeable stencils for insertion in said openings, means for readily removably holding the stencils in the openings whereby they are readily interchangeable according to the matter desired to be stenciled, and depending legs having laterally extending stops adapted to be placed under the sill of the car to properly position the frame on the side wall thereof.

1,619,588. CONNECTING-ROD BEARING. CHARLES J. SCUDDER, Scranton, Pa. Filed Feb. 19, 1926. Serial No. 89,270. 7 Claims. (Cl. 308—68.)



1. In a connecting rod bearing for a crank pin, a divided bearing member having a circular outer surface, retaining means having at least one movable part with arms partially embracing the bearing member and having a curved inner surface fitting the outer surface of the bearing member whereby said bearing member is free to turn in the retaining means, means for varying the position of the movable part of the retaining means longitudinally of the connecting rod to compensate for wear of the bearing member, and means carried by the arms of the movable part of the retaining means and cooperating with a stationary part for preventing the arms from closing inwardly of the crank pin.

1,619,589. LOOSE-LEAF BINDER. WILLIAM J. STEENROD, Benton Harbor, Mich., assignor to Baker-Vawter Company, Benton Harbor, Mich., a Corporation of Michigan. Filed Oct. 24, 1925. Serial No. 64,490. 4 Claims. (Cl. 129—12.)



1. A post bar consisting of a strip of sheet metal folded to form a hollow flattened post bar proper and contiguous parallel flanges at one side thereof, and a slotted tube extending over said flanges and secured thereto.

4. In a hollow orificed post bar, a spring-pressed normally inclined orificed plate having legs seated at one side of the post orifice in the lower wall of the bar and also having on such side a lever arm and having on the opposite side a stop arm arranged to contact wth the upper wall of the bar when the plate is shifted to position parallel with the walls of the bar, and a push button having a flanged convex lower end engaging said lever arm for rocking said plate.

1,619,590. CASTER WHEEL. GEORGE W. TANNER, Otis, Colo. Filed Nov. 30, 1925. Serial No. 72,178. 1 Claim. (Cl. 16—45.)



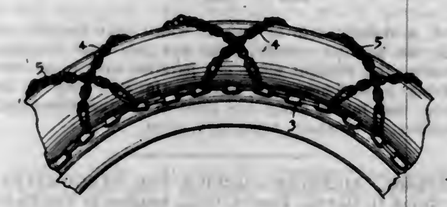
A caster wheel comprising an annular, flat-sided, resilient tire; disks extending from a position parallel to each side of said tire, and parallel to each other, inwardly toward each other and the axis of said tire, the peripheral edges of said disks being turned outwardly away from said tire; an axle collar passing through axial openings in said disks and projections on said collar adapted to maintain said disks against said tire.

1,619,591. PIPE HANGER. CARL H. VOELLMECKE, Cincinnati, Ohio. Filed Mar. 5, 1925. Serial No. 13,158. 1 Claim. (Cl. 248—32.)



A pipe hanger comprising a strap adapted in substantial U shape to embrace a pipe to be supported, a bendable bolt passing through and extending between the branches of the strap, and a wedge adapted to be passed between the ends of the strap and between the bolt and the pipe to be supported, said wedge being of less width than the distance between the branches of the strap and having a lip for engaging a supporting member, the body of the wedge consisting of two lugs on its under side adapted to engage the surface of the pipe to be supported, and a notched upper surface for engagement with the bendable bolt, said pipe engaging lugs being curved to permit the wedge to be rocked as its lip is driven into supporting engagement with the supporting member, whereby the notch occupied by the bolt will simultaneously effect a bending spring-like action of the bolt and a consequent gripping of the wedge in adjusted position.

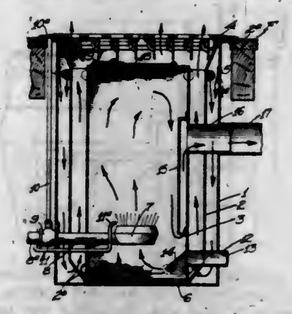
1,619,592. ANTISKID CHAIN. HERMANN T. VULTÉ, New Rochelle, N. Y. Filed Mar. 31, 1926. Serial No. 98,700. 2 Claims. (Cl. 152—14.)



1. An anti skid chain for a rubber-tired vehicle wheel which comprises side sections, right diagonal tread sections, and left diagonal trend sections, each of which is free of the other tread sections and crosses over or under adjacent tread sections at points which will come at the sides of a tire when applied to a vehicle wheel, the chain being constructed so that the tread sections are each in direct contact with the tire at the middle of its tread and are held away at one or the other of its sides.

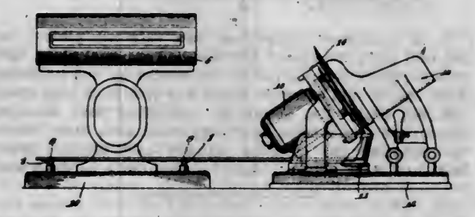
1,619,593. FLOOR HEATER. THOMAS P. BLAIR, San Diego, Calif. Filed Mar. 11, 1925. Serial No. 14,698. 5 Claims. (Cl. 126—116.)

1. In a gas floor heater, an outer casing, outwardly extending flange means at the upper end of the casing for supporting the latter on the floor of a room, and provided in the side wall thereof, and near its upper end with openings connecting the interior of the casing with fresh air, not from said room, an inner casing positioned in the outer casing and spaced from the side walls thereof, and a fire box casing positioned within and spaced from said inner casing, said inner casing being provided with a plurality of ports at the lower ends of its side walls connecting the space between the inner and outer casings



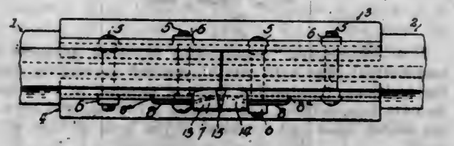
with a space between the inner and the fire box casings, and the openings, in the outer casing communicating with the fresh air, through said ports with said room.

1,619,594. WEIGH-SCALE PLATFORM. EMIL BUECHLER, Chicago, Ill. Filed July 1, 1926. Serial No. 119,798. 4 Claims. (Cl. 263—27.)



1. As an article of manufacture, an elongated plate including a goods containing part, an arm part and an enlarged part of a form and size for attachment to and support upon the weighing mechanism of weigh scales, substantially as described.

1,619,595. RAIL-JOINT SPRING. ROBERT L. CAIRNCROSS, Chicago, Ill. Filed Mar. 17, 1926. Serial No. 95,206. 7 Claims. (Cl. 238—259.)

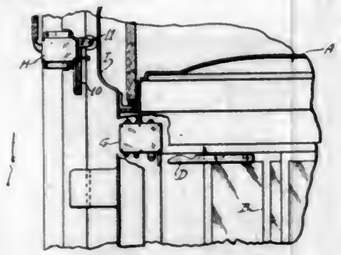


1. A rail joint member embodying therein, an elongated apertured plate having a body portion and flat end portions, said body portion being formed as a part of a sphere and of a transverse width greater than said end portions.

1,619,596. DOOR-LOCKING MECHANISM. FENTON G. CHAPIN, East St. Louis, Ill. Filed May 5, 1926. Serial No. 106,885. 7 Claims. (Cl. 187—31.)

5. An elevator door locking mechanism, comprising a spring-actuated door latch, a member on the door with which said latch co-operates, constructed so as to move said latch in opposition to its actuating spring when the door is moved into its open position, a pivotally-mounted locking element adapted to engage and hold said latch, a spring for normally maintaining said locking element in engagement with the latch, an electric magnet for dis-

engaging the locking element from the latch, a switch in the circuit that is used to energize said magnet, and a shoe on the elevator car arranged so as to close said



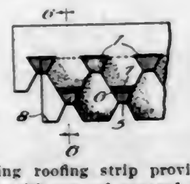
switch and maintain it in its closed position when the floor of the elevator car reaches and remains in a position approximately level with the sill of the door opening.

1,619,597. ELECTRICAL CONDENSER. MICKLE CLARK, Chicago, Ill. Filed Feb. 1, 1926. Serial No. 83,179. 5 Claims. (Cl. 175—41.5.)



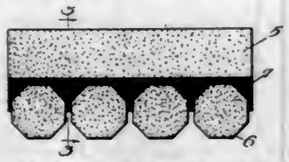
1. A condenser comprising two external plates; an internal plate interposed between said external plate, said internal plate being attached to, carried by but insulated from one of said external plates and free from said other external plate nad means for adjusting said external plates laterally toward and away from each other thereby adjusting the distance between said internal plate and said other external plate, substantially as described.

1,619,598. ROOFING ELEMENT. HARRY A. CUMFER, Chicago, Ill., assignor of one-half to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts. Filed Oct. 2, 1924. Serial No. 741,115. 2 Claims. (Cl. 108—8.)



1. A self-spacing roofing strip provided adjacent one longitudinal edge with sets of opposed converging, tapering incisions, terminating short of meeting to form intermediate tabs between the opposed incisions, said tabs being folded upon and attached to the body portion of the strip.

1,619,599. SHINGLE ELEMENT. HARRY A. CUMFER, Chicago, Ill., assignor of one-half to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts. Filed Oct. 2, 1924. Serial No. 741,116. 4 Claims. (Cl. 108—8.)



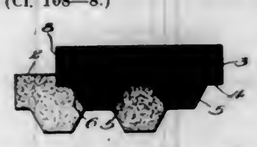
1. As a new article of manufacture, a roofing strip having a body portion, two sides and an upper edge, a base provided with spaced notches and interposed tabs between the notches and an integral overlying strip attached to the body portion, the strip having the characteristics of having been formed by first making spaced angled incisions adjacent the lower edge of the strip, and then folding said lower edge on the lines of the incisions back upon the body portion of the strip.

1,619,600. ROOFING ELEMENT. HARRY A. CUMFER, Chicago, Ill., assignor of one-half to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts. Filed Oct. 2, 1924. Serial No. 741,117. 4 Claims. (Cl. 108—8.)



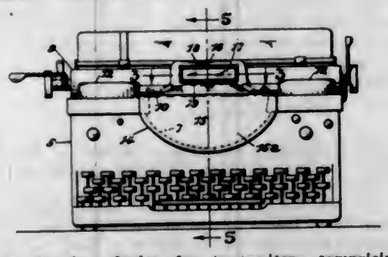
1. As a new article of manufacture, a strip of roofing material substantially rectangular in shape, provided with spaced rectangular notches extending inwardly from the lower edge and integrally connected overlying portions folded upon and attached to the upper surface of the strip, said integrally connected portions comprising the material severed between individual sets of notches, a portion of the outer end of each overlying folded portion forming a shoulder with which the lower edge of an overlying strip is adapted to align and abut.

1,619,601. SHINGLE STRIP. HARRY A. CUMFER, Chicago, Ill., assignor of one-half to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts. Filed Oct. 2, 1924. Serial No. 741,118. 5 Claims. (Cl. 108—8.)



1. A shingle strip of greater width than length, having two parallel straight sides and two sides staggered relative the straight sides but parallel with each other, having a semi-hexagonal incision in the body of the strip, and folded along the lines of the semi-hexagonal incision to produce hexagonal areas.

1,619,602. SILENCING DEVICE FOR TYPEWRITERS. ROYAL G. DANIEL, Denver, Colo., assignor to The Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Refiled for abandoned application Serial No. 672,589, filed Nov. 3, 1923. This application filed June 29, 1926. Serial No. 119,775. 10 Claims. (Cl. 197—186.)



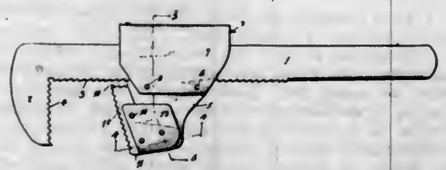
1. A silencing device for typewriters comprising in combination with a machine having a frame, and a platen, a cover exclusively enclosing a portion of the surface of the platen around and including the point at which the impressions are produced by action of the keys.

1,619,603. BUNG-SEAT CONSTRUCTION. HENRY M. DILLHOEFER, Cleveland Heights, Ohio, assignor to The Byrne Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 16, 1925. Serial No. 56,682. 7 Claims. (Cl. 220—39.)



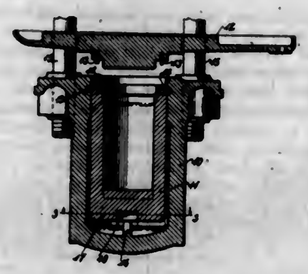
1. A bung-seat structure for metal containers and the like comprising a pair of tubular members adapted to be telescopically arranged in an opening in the wall of the container and having laterally projecting flanges upon the interior and exterior of the container between which the container wall is adapted to be clamped to form a sealed joint therewith.

1,619,604. PIPE WRENCH. CHARLES F. DOW, Poughkeepsie, N. Y. Filed Mar. 17, 1925. Serial No. 16,169. 1 Claim. (Cl. 81—179.)



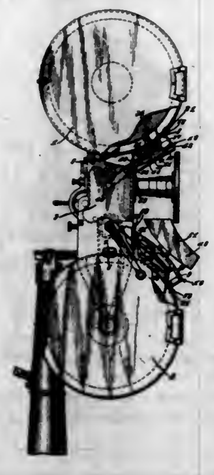
In a pipe wrench, in combination with a shank and a fixed jaw thereon, ratchet teeth on said shank, a movable jaw member slidably mounted on said shank and having ratchet teeth adapted to engage the teeth on the shank, means to maintain said ratchet teeth in engagement, said movable jaw member provided with a V-shaped groove in its face opposite the fixed jaw, a pipe-engaging block slidably mounted on said movable jaw adapted for movement towards the shank through engagement with a pipe and having a face shaped to engage said V-shaped groove, spring actuated means to project said block away from and in spaced relation to the shank so that it may be moved toward the same when a pipe is engaged and the face of the block adjacent the shank provided with ratchet teeth adapted to engage the ratchet teeth on the shank through said inward sliding movement.

1,619,605. RAM. MICHAEL W. FAHERTY, Los Angeles, Calif. Filed Sept. 21, 1925. Serial No. 57,771. 4 Claims. (Cl. 138—10.)



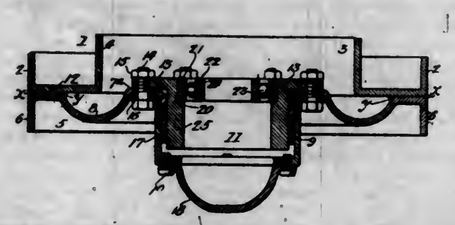
1. In combination, a cylinder having an end wall element, a ram element in said cylinder, and an abutment on one of said elements intermediate the two elements, said abutment being normally adapted to abut the other of said elements on the inward stroke of said ram element, said other element having a recess, said elements being relatively adjustable for permitting said abutment to enter said recess.

1,619,606. MOTION-PICTURE-PROJECTING MACHINE. JOHN FAIT, Glenburnie, Md. Filed May 13, 1926. Serial No. 108,867. 2 Claims. (Cl. 88—17.)



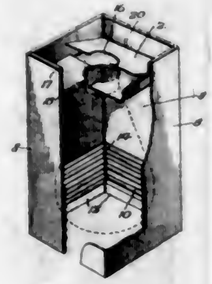
1. In a fire extinguishing attachment for motion picture machines a casing adapted to be secured to and exteriorly of a film magazine and the projecting mechanism of the machine, slotted webs within said casing, socketed bosses within the casing and opposing and spaced from said webs, slotted protuberances within the casing and spaced from the slotted webs, apertured protuberances within the casing and opposing and spaced from said slotted protuberances and further opposing and spaced from said socketed bosses, guide rollers journaled in said sloted webs and slotted protuberances, guide rollers journaled in said socketed bosses and apertured protuberances, the guide rollers journaled in the slotted webs and protuberances opposing the guide rollers journaled in the socketed bosses and apertured protuberances and arranged in close proximity therewith, and said casing provided with means for the passage of film therethrough between the housing and the film magazine.

1,619,607. VEHICLE WHEEL. CHARLES B. FAIRWEATHER, West Chester, Pa., assignor of one-half to Frederick E. Moore, Coatesville, Pa. Filed Apr. 21, 1926. Serial No. 103,512. 7 Claims. (Cl. 301—6.)
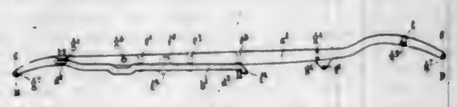


4. The combination of a metallic vehicle wheel made in two sections welded together, each section having an extended peripheral flange, the two flanges forming the felly of the wheel, one section having a laterally extended brake-drum formed integral therewith, and the other section having an extended housing for a bearing, the latter section having an annular groove and an annular depression between the peripheral flange and the housing, the web of the first mentioned section extending over a portion of said depression.

1,619,608. LAMP WRAPPER. WALTER H. FAIRCHILD, Chicago, Ill., assignor to Mid-West Box Company, Anderson, Ind., a Corporation of Indiana. Filed Mar. 10, 1924. Serial No. 697,988. 6 Claims. (Cl. 229—37.)



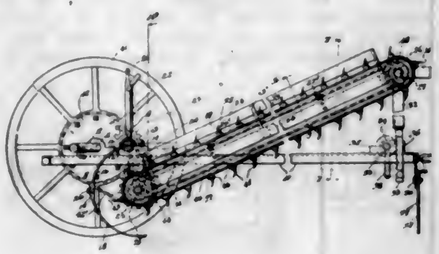
1. A lamp wrapper comprising a sheet adapted to extend around the lamp, and a flap at one end folded against the inner face of the sheet, and provided with means to cushion the enlarged portion of the lamp-sides.

1,619,609. CHASSIS FRAMING MORE PARTICULARLY FOR MOTOR VEHICLES. JENÖ FEJÉS, Budapest, Hungary. Filed Apr. 7, 1926, Serial No. 100,435, and in Great Britain Mar. 19, 1926. 6 Claims. (Cl. 280—106.)



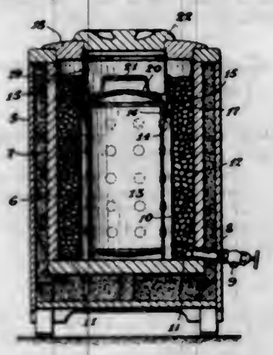
1. A chassis framing for vehicles having girders composed of flat sheet metal plates welded together and stiffening members connecting opposite sheet metal plates of the individual girders, for the purposes set forth.

1,619,610. LOADING DEVICE. EMIL F. LEWIS FRITZ, Chicago, Ill. Filed Sept. 30, 1922. Serial No. 591,625. 3 Claims. (Cl. 19—122.)



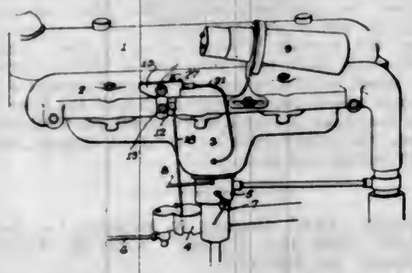
1. In a rake and loader an elevating device comprising a conveyor; a driving shaft supporting one end of the conveyor and arranged to afford a pivot during the elevating and lowering movements thereof; a U-shaped end frame, on the legs of which the opposite end of the conveyor is pivotally mounted for its support; rack plates depending from the connecting bar of said U-shaped frame; and adjusting shaft having teeth with which the rack plates are engaged for support and adjustment; and means for locking the adjusting shaft in adjusted position, substantially as described.

1,619,611. ICE-CREAM CABINET. JOSEPH GOLDSMITH, Seattle, Wash. Filed May 29, 1924. Serial No. 716,666. 5 Claims. (Cl. 217—7.)



1. In a refrigerating device for the storage of refrigerated products, in combination, a refrigerant container, a refrigerated product container disposed within said refrigerant container, a protective collar fitting snugly upon the upper end of said product container and extending upwardly therefrom and an annular cover fitting within the upper end of said refrigerant container having a downwardly directed cylindrical extension secured thereto adapted to project and fit snugly within said collar to completely enclose the contents of said refrigerant container.

1,619,612. THERMOSTATIC GASOLINE VALVE. ALEXANDER GRUDZINSKI, Cambridge Springs, Pa. Filed Feb. 27, 1924. Serial No. 695,600. 1 Claim. (Cl. 123—180.)



In combination with an internal combustion engine provided with an intake pipe, an exhaust pipe and a container for fuel, auxiliary fuel supply mechanism comprising a pipe line extending from said container to said intake pipe, means for controlling the passage of fuel through said pipe line, said means including a thermostat and a movable controlling valve operatively associated therewith, said thermostat being positioned to be subject to the heat within said exhaust pipe, and an adjustable stop member positioned adjacent said valve and constructed to engage the same to limit the extent to which said valve may be opened.

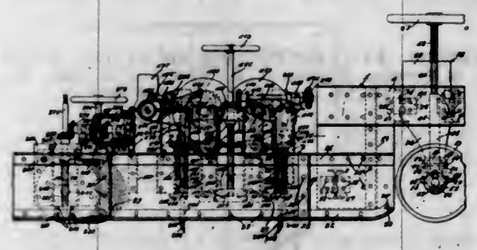
1,619,613. BUTTONHOLE ATTACHMENT. JAMES A. GUY, Semiway, Ky. Filed Apr. 3, 1925. Serial No. 20,565. 7 Claims. (Cl. 112—160.)

1. In a sewing machine attachment of the class described, a supporting plate, a presser foot slidably associated with the plate for engaging the work and movable transversely thereof and having a needle receiving slot formed therein, an operating lever rockably mounted upon the supporting plate, a swinging lever rockably and slidably mounted upon the supporting plate at a point intermediate its ends, means operatively connecting the forward end of the swinging lever with the presser foot,



a cam plate pivotally associated with the supporting plate, means pivotally connecting the cam plate and the swinging lever, and means for operating the cam plate from said operating lever.

1,619,614. ROAD-BUILDING MACHINE. FRED MERRILL HARGRAVE, Cedar Rapids, Iowa. Filed Sept. 15, 1925. Serial No. 56,508. 3 Claims. (Cl. 262—8.)



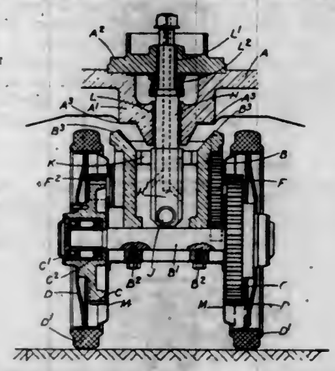
1. In a road building machine, a supporting structure for surface working tools, said supporting structure formed of a front and a rear section connected together, said front section arranged over and projecting forwardly from said rear section, a front wheel truck, means for connecting said front wheel truck to said front section and providing for the vertically adjusting of the truck, a rear wheel truck arranged within said rear section, and means for vertically adjusting said rear wheel truck and further providing a connection between the sides of the truck and the said rear section.

1,619,615. WRAPPER-MAKING MACHINE. BERG HEINRICHS, Chicago, Ill., assignor to Midwest Box Company, Chicago, Ill., a Corporation of Indiana. Filed Jan. 9, 1922. Serial No. 527,819. 18 Claims. (Cl. 93—1.)



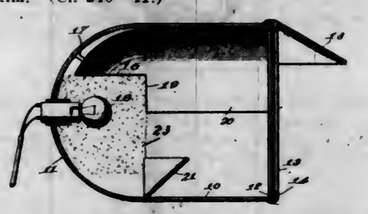
1. In a machine of the class described, the combination of means for continuously folding a web of paper into the form of a flattened tube, means for securing the over-lapping edges of said flattened tube together, means for cutting said flattened tube into lengths, and means for perforating said lengths transversely to form separation lines.

1,619,616. ELECTRICALLY-PROPELLED VEHICLE. PHILIP DENIS IONIDES, Ipswich, England, assignor of one-half to Ransomes & Rapier Limited, Ipswich, England, a Company of Great Britain. Filed Dec. 24, 1925. Serial No. 77,671. 2 Claims. (Cl. 180—42.)



1. A driving and steering unit for an electrically propelled vehicle comprising a vertical steering post adapted to be mounted to rotate in the vehicle frame, a tilting block, a pivot so connecting the tilting block to the steering post that this block can rock about an axis at right angles to the axis of rotation of the steering post, a short dead axle extending across and rigidly carried by the tilting block, a road wheel freely mounted at each end of the axle, two electric motors mounted respectively on the front and rear faces of the tilting block and transmission mechanism whereby one of these motors is caused to drive each road wheel.

1,619,617. HEADLIGHT. WILLIAM B. JOHNSON, Lexington, Ky. Filed June 3, 1926. Serial No. 113,502. 1 Claim. (Cl. 240—41.)

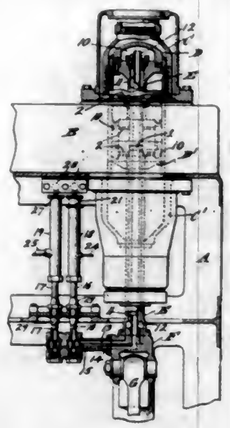


A headlight comprising a housing open at one end, a parabolic reflector located within and across the top of the housing, a semi-cylindrical reflector disposed in front of the parabolic reflector and formed integrally with said parabolic reflector and extending along its opposite edges below the bottom edge of the parabolic reflector, a reflector secured to the bottom of the housing and projecting forwardly of the same, the rear edge of said reflector terminating in a plane with the rear edge of the second mentioned reflector, a lamp carried by the rear wall of the housing, and a dull-surface embracing the lamp and extending forwardly and terminating at points along the housing where the plane which passes through the rear edges of the last mentioned reflectors cuts the housing, said surface also extending upwardly at the rear of the housing to a point adjacent the lower edge of the first mentioned reflector.

1,619,618. PISTON-COOLING DEVICE. OLAV ESKIL JORGENSEN, Forest Hills, N. Y., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed July 22, 1924. Serial No. 727,499. 6 Claims. (Cl. 123—176.)

1. An engine piston cooling system, having a liquid-conducting pipe moving with the piston, a stationary pipe

within which the moving pipe telescopes, a stuffing box between the moving and stationary pipes, liquid connections for the stationary pipe, and a flexible mounting



for the stationary pipe and stuffing box permitting the stationary pipe and stuffing box to move sidewise with and in parallelism with the moving pipe.

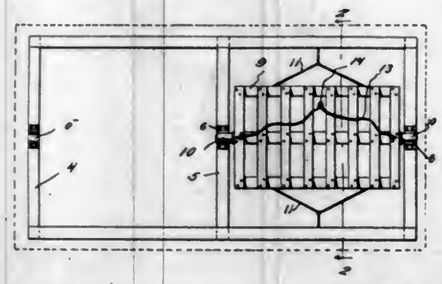
1,619,619. FARRIER'S KNIFE. VINKO KYFES, St. Joseph, La. Filed July 27, 1925. Serial No. 46,441. 1 Claim. (Cl. 168—48.)



A farrier's knife comprising a stem, a handle on one end of the stem, a U-shaped member having its bight connected with the other end of the stem, the limbs of said member being of wedge-shape in cross-section to form cutting edges which are arranged at the inner part of the member, said limbs inclining upwardly and outwardly, and the extremities of the limbs being curved inwardly to form hooks which are of the same cross-sectional shape as the limbs.

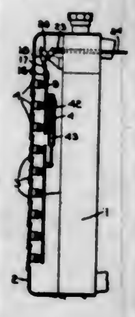
1,619,620. HAY-MOWING MEANS. PEARL G. LIGHT, Exeter, N. Y. Filed Oct. 24, 1925. Serial No. 64,656. 1 Claim. (Cl. 214—5.)

Hay mowing means comprising an overhead support, three, spaced longitudinally disposed and horizontal bearings in longitudinal alignment carried by said overhead support, an overhead longitudinal track disposed above and in the same plane as said alined bearings, a traveller on said track, a rockable and shiftable mower member having extending from its opposite ends longitudinal trunnions removably arranged in one pair of said bearings



and shiftable from said pair of bearings to the other pair, means on the mower member for the connection of the same to the traveller for facilitating the said shifting of the mower member, a pendent cable on the mower member, and means to which said cable is detachably connected for the holding of the mower member against casual lateral tipping.

1,619,621. RADIATOR-SHUTTER MECHANISM. RALPH M. LOVEJOY, Meredith, N. H. Filed Nov. 12, 1920. Serial No. 423,729. 10 Claims. (Cl. 189—62.)



6. In a cooling system for engines having a radiator, a shutter, for the radiator, comprising a series of pivotally mounted louvers having laterally extending ears, an actuator bar, a series of transmitters pivotally connected to said actuator bar and to said ears having extensions adapted to engage and close said louvers when said actuator is moved in one direction and resilient means connecting said transmitters and said louvers operable when said actuator bar is moved in the opposite direction to open said louvers.

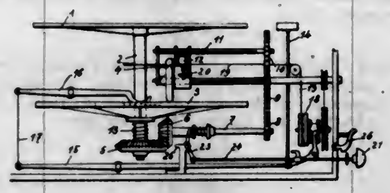
1,619,622. CIGARETTE BOX. GERTRUDE A. MACVEY, Brooklyn, N. Y. Filed Sept. 22, 1925. Serial No. 57,923. 1 Claim. (Cl. 206—48.)

As a new article of manufacture, a cigarette box formed from a single blank, said blank being divided to provide face walls, and intermediate side walls, one of said side walls being formed with a flap for attachment to one of the face walls to maintain the box in assembly, one of said face walls being provided at one end with an extended flap to form an end closing flap, an extension flap at the outer end of the end closing flap, said end closing flap being formed with an opening, the opposite end of said face wall being provided with an extended end closing flap, said extended flap continued by an elongated flap, the second face wall being provided with a flap returned to overlie the same, means for maintaining said flap in



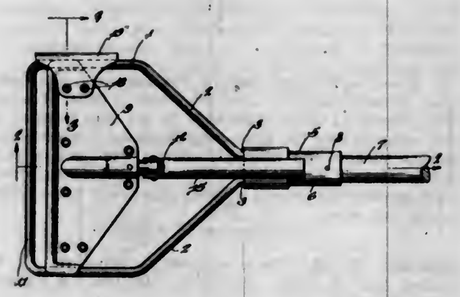
such position, the free end portion of the elongated flap being insertible between said returned flap and the second face wall to hold the elongated flap in closed position, said returned flap being at the end of the box provided with the closing flap having the opening.

1,619,623. PHONOGRAPH. NICOLA MAGNIFICO, Rome, Italy. Filed Mar. 31, 1922. Serial No. 548,300. 4 Claims. (Cl. 74—26.)



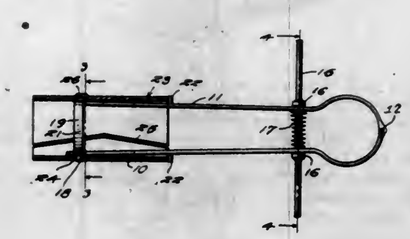
1. In a phonograph, a record disk, a spindle on which the record disk is fixed, a drive disk mounted to turn with and slide upon the said spindle, a drive shaft, a friction roller slidable on the drive shaft and adapted to contact with said drive disk for imparting a progressively increasing or decreasing movement to the said drive disk and through the same and the spindle to the record disk, means for yieldingly supporting the said drive disk to maintain the same normally in contact with the said friction roller, and means for shifting the said drive disk on the spindle to separate the same from the said friction roller.

1,619,624. MOP. ALEXANDER MASZCZYK, Chicago, Ill. Filed Mar. 13, 1925. Serial No. 15,314. 1 Claim. (Cl. 15—151.)



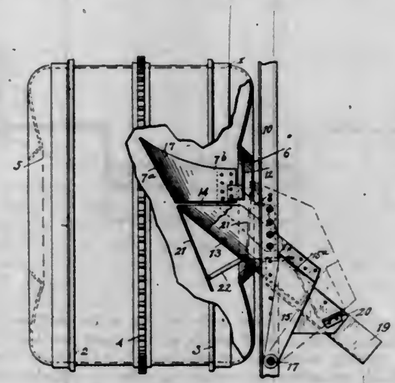
In combination, a handle having a socket at one end thereof, a rod extending from the handle and having an end portion confined in the socket and provided with a plurality of opposed spaced grooves, means securing the end portion in the socket, a frame connected to the handle, a clamping member having a substantially channel shaped portion adapted to cooperate with a portion of the frame for clamping a mop fabric between the channel shaped portion and said portion of the frame, and an operating member comprising a handle pivotally connected to the clamping member and having opposite arcuated flanges having end portions adapted to selectively engage the grooves for adjusting the clamping member longitudinally of the rod member to move the clamping member into clamping relation with respect to the mop fabric.

1,619,625. TOOL FOR INSERTING AND REMOVING BEARING SLEEVES. FRED MERDIAN, Vancouver, Wash. Filed May 6, 1926. Serial No. 107,194. 6 Claims. (Cl. 29—88.2.)



1. A tool for inserting and removing bushings comprising a pair of arms connected at one end and resiliently urged apart at their opposite ends, the free end of one arm being provided with a lug for engagement in an opening in the bushing, the free end of the other arm having spaced arms directed toward the first named arm and between the ends of which the free end of the first named arm is confined when the tool is inserted in a bushing of the proper size.

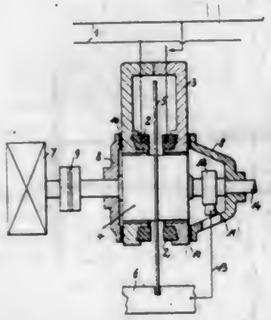
1,619,626. DISCHARGE MECHANISM FOR MIXERS. JOSEPH H. MOSEL, Lakewood, Ohio, assignor to The Lakewood Engineering Company, Lakewood, Ohio, a Corporation of Ohio. Filed Apr. 23, 1923. Serial No. 634,093. 7 Claims. (Cl. 193—10.)



1. The combination with a revoluble drum having a discharge opening, a mechanism for discharging the contents of said drum comprising two trough shaped chute

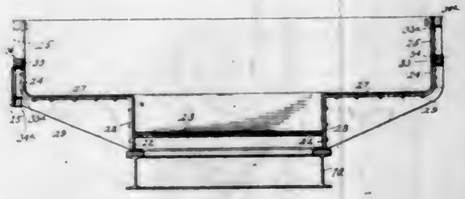
parts, one part located inside of the drum and stationarily mounted with respect to the drum, and a second part which is movably bodily from outside of the drum through said discharge opening and into co-operating relation with the first mentioned part.

1,619,627. METHOD AND APPARATUS FOR ELECTRICALLY-CUTTING METAL. OSKAR HERMANN LEOPOLD NEISS, Hamburg, Germany, assignor to Elektrotrennmaschinen Gesellschaft mit beschränkter Haftung, Hamburg, Germany. Filed Nov. 28, 1925, Serial No. 72,061, and in Germany July 24, 1925. 6 Claims. (Cl. 219—1.)



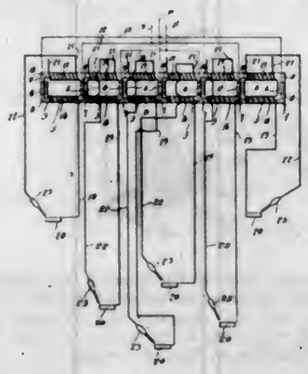
1. A method for cutting metal by the aid of disk-like electrodes constructed similar to a rapid friction saw characterized in that the electric current supplied to the cutting place is generated by induction in the rotating disklike electrode.

1,619,628. DUMPING VEHICLE. ARTHUR W. OSBORN, Philadelphia, Pa., assignor to The White Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 20, 1921. Serial No. 493,810. 2 Claims. (Cl. 296—28.)



1. A dumping vehicle body having sides each of which is composed of a fixed lower section and an upper section having a hinged connection to the lower section to swing downwardly, means to hold the upper sections in their upstanding positions, the lower side sections having along their upper edges on the outer sides thereof wood bumper bars, and the upper sections having along their upper edges wood bumper bars, said hinged connections permitting the upper sections to swing clear of the first mentioned bumper bars.

1,619,629. TRANSFORMER FOR ELECTRIC ARC CUTTING, REPAIRING, AND WELDING APPARATUS. FREDERICK C. OWEN, Fayetteville, N. C. Filed Nov. 19, 1925. Serial No. 70,084. 9 Claims. (Cl. 171—119.)



1. A transformer comprising longitudinal and transverse legs, a primary winding distributed about one of the longitudinal and the transverse legs, and a plurality of independent secondary windings distributed about the longitudinal legs.

1,619,630. TOY. CHARLES HAMILTON FAJEAU, Glencoe, Ill., assignor to The Toy Tinkers, Inc., Evanston, Ill., a Corporation of Illinois. Filed Oct. 8, 1926. Serial No. 140,322. 14 Claims. (Cl. 46—40.)

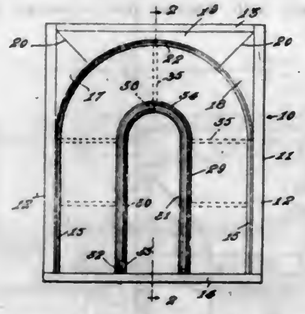


1. A toy figure comprising a handled stem, an upper pivot member swiveled upon the stem, a pair of arms both pivoted at their upper ends to the said member, a head supported by the upper pivot member, a lower pivot member slidable and rotatable on the stem, and a pair of legs pivoted intermediate of their ends to the lower pivot member and pivoted at their upper ends respectively to the two arms.

1,619,631. SASH. DAVID PATASNIK, Brooklyn, N. Y. Filed Apr. 30, 1926. Serial No. 105,801. 3 Claims. (Cl. 20—56.)

1. A window sash comprising a rectangular frame, a plurality of separate filling pieces supported from the inner sides of said frame and having their meeting ends

bevelled for contacting engagement with each other, said filling pieces having co-acting curved surfaces constituting an arch between the side rails of said frame, and



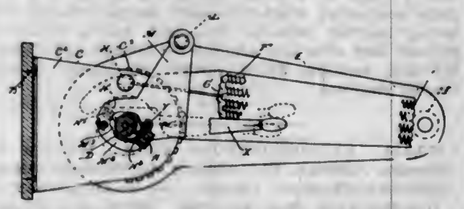
ribs provided on the inner walls of said frame for reception in grooves provided in the outer faces of said filling pieces.

1,619,632. MEAT-GRINDER HEAD. JOSEPH S. PERRAULT and JOSEPH T. MARQUIS, Nashua, N. H. Filed Apr. 21, 1925. Serial No. 24,836. 1 Claim. (Cl. 146—189.)



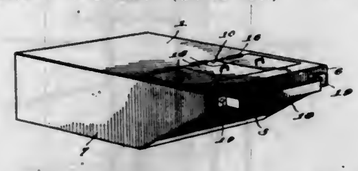
In a meat grinder including a hollow cylindrical body with feeding and discharging openings, a foraminous plate adapted to be seated over the discharge opening, said plate having an annular rib and being undercut on the inside of the rib, and having its perforations in register with those of the disc.

1,619,633. WINDOW-CONTROLLING DEVICE. STANLEY W. NICHOLSON, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed July 17, 1920, Serial No. 397,010. Renewed July 6, 1925. 16 Claims. (Cl. 188—69.)



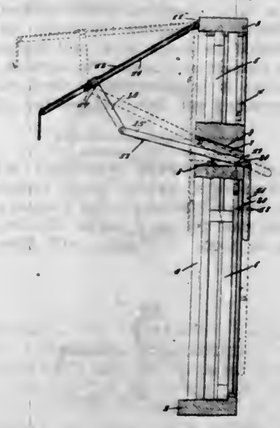
1. A clutch for a window controlling device including a pivoted lifting element, and an actuating handle therefor, said clutch including a fixed latch member, and a second latch member pivotally mounted upon said lifting element and angularly adjustable to engage said fixed latch member, said second latch member being secured to said actuating handle, the axis of said second latch member being parallel to that of said lifting element, whereby release of said latch members and shifting of said lifting element is effected by a movement of said actuating handle constant in direction.

1,619,634. BAIT BOX. HARRY ALBRIGHT ROAT, Manchester, N. Y., assignor of one-half to George M. Messinger, Morganza, Pa. Filed May 1, 1925. Serial No. 27,221. 4 Claims. (Cl. 43—55.)



2. A bait box comprising a top, a rear end, a front end, sides, and a bottom consisting of an imperforate section of less length than the top and a foraminous section extending between said imperforate section of the bottom and the lower end of said front wall of the box, said foraminous bottom section being inclined, and said imperforate bottom section including an inclined flange at the lower end of said foraminous section.

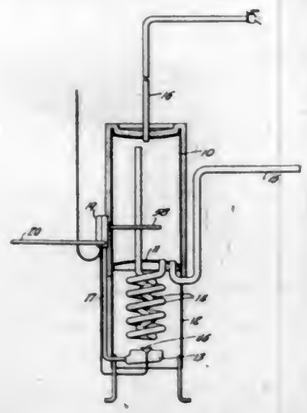
1,619,635. SHADE OR AWNING RAISING DEVICE. HENRY H. ROLLINS, Phoenix, Ariz. Filed May 9, 1925. Serial No. 29,168. 1 Claim. (Cl. 156—42.)



A window awning raising and securing device for use upon a window frame having an appropriately formed slot through one side thereof, comprising an arm formed into an outer, intermediate and an inner section and adapted to extend through said slot, said outer section being adapted to have one end rigidly secured to an awning frame mounted to swing outwardly from said window frame, a hinge connection between said outer section and the intermediate section, a butt hinge connection between said intermediate section and the inner section, permitting the inner section to swing from aligned relation to the intermediate section to nearly right angled relation thereto, said inner portion when in the latter position with the intermediate portion extended through said slot, lying against the inner face of said frame, means for securing the intermediate portion when extended through the slot, and an angled

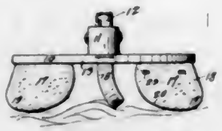
securing member attached to the inner face of the frame with one portion thereof in spaced parallel relation thereto, beneath which said inner portion is adapted to engage to prevent the shifting of the arm from the outside of the window.

1,619,636. THERMOSTATIC CONTROL. HERBERT J. SAUVAGE, Chicago, Ill., assignor to trustees of the Electro Thermostatic Control Company, a Trust Estate, Chicago, Ill. Filed May 4, 1923. Serial No. 636,666. 7 Claims. (Cl. 236—21.)



1. In combination in a water heater having a gas burner with a valve, electrical means normally electrically disconnected, for opening the valve, an electrical igniter, a solenoid in series with said igniter adapted to electrically connect said means for opening the valve when the igniter is excited, and a thermostat in the heater for energizing and de-energizing the solenoid.

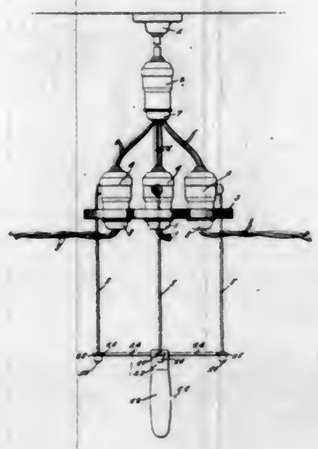
1,619,637. AGITATOR FOR WASHING MACHINES. SIMON E. SCHROEDER, Newton, Iowa, assignor of one-half to One Minute Manufacturing Company, Newton, Iowa. Filed Mar. 24, 1924. Serial No. 701,429. Renewed Mar. 9, 1925. 7 Claims. (Cl. 259—128.)



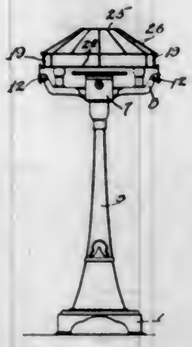
1. An agitator for washing machines comprising a reciprocal member, a plurality of radially extended flexible agitator members providing a substantially continuous yielding, rubbing and agitating surface, and means for attaching said agitator members to the reciprocating member.

1,619,638. ELECTRIC-CIRCUIT-CONTROL DEVICE. CLARENCE E. SICKLER, Endicott, N. Y. Filed Dec. 14, 1925. Serial No. 75,345. 1 Claim. (Cl. 240—123.)

In an electric light fixture, the combination with a plurality of flexibly suspended sockets, having pull chain switches, of means detachably receiving the lower portions of said sockets to rigidly maintain the same in spaced fixed relation to each other, and the pull chains depending loosely therefrom, and a controlling element having a rigid handle and rigid radially disposed arms extending laterally from said handle at the inner end of the same, with terminal eyes to engage the respective pull chains, whereby on manipulation of the handle the group of pull chains can be simultaneously pulled upon to actuate the switch sockets in unison or a single pull chain can be pulled to operate a selective socket switch.



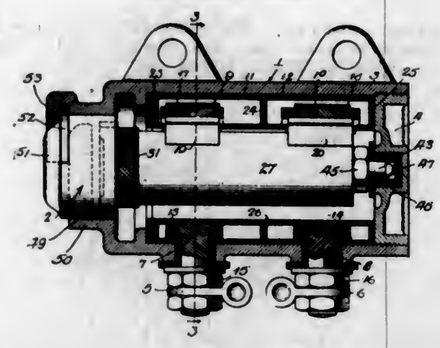
1,619,639. LAMP STAND. OTTO SIERENBRODT, Chicago, Ill. Filed June 22, 1923. Serial No. 647,015. 4 Claims. (Cl. 240—81.)



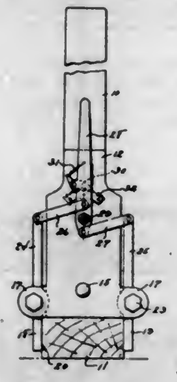
4. In a device of the class described, the combination with a lamp, of a shade therefor, a support for said shade comprising bracket members secured thereto and having notched arcuate slots, and means extending through said slots and adapted for locking and unlocking said supports by a vertical movement of said bracket members.

1,619,640. EXPLOSIONPROOF FUSE. WILLIAM W. SLOANE, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed June 24, 1920. Serial No. 391,398. 15 Claims. (Cl. 200—129.)

1. In a device of the class described, a casing, a removable fuse element having a portion thereof adapted to form a closure for said casing, electrical contacts for said fuse element within said casing, contact members associated with said fuse element adapted to engage said contacts, and means independent of said contacts for locking said closure in all positions of engagement between said contacts and contact members.



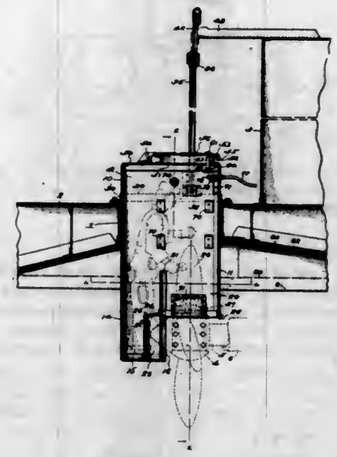
1,619,641. STACKING DEVICE OR STANDARD. ISAAC NEWTON SPENCER, Follansbee, W. Va. Filed June 19, 1926. Serial No. 117,211. 8 Claims. (Cl. 211—14.)



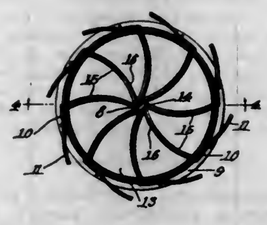
1. A device of the class described, comprising a standard, plate members mounted on the lower end of the standard and spaced from each other, jaws pivoted between the plates, said jaws including shank portions, a pivoted lever connected with the shank portions, the connections for the shank portions being on opposite sides of the pivotal point of the lever, and means for retaining the lever in an adjusted position.

1,619,642. PORTABLE REPAIR CHAMBER. CHARLES E. WARD, Charleston, W. Va. Filed May 24, 1926. Serial No. 111,414. 16 Claims. (Cl. 61—68.)

1. In a portable air lock adapted for use in repairing propellers of a vessel the combination of a chamber comprising a plurality of walls, an open bottom, and a cover hingedly secured to one of said walls, said cover adapted to be unlocked from either side thereof; means cooperating with the deck of the vessel to secure said chamber in partial submergence; and means to prevent water entering said chamber while said repairs are being made.



1,619,643. WIND TURBINE. MARTIN L. WEBB, Garden City, Kans. Filed Sept. 14, 1925. Serial No. 56,305. 1 Claim. (Cl. 170—10.)

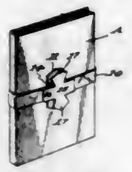


In a wind-wheel, an outer casing embodying an upper circular member and a lower circular member, bars for connecting the circular members, hinged closures connected with the bars, means for adjusting the closures simultaneously to move them to their open or closed positions, an inner rotary member embodying a vertical tube, a vertical tubular bearing, curved blades connected with the tubular bearing, and extending to points adjacent to the circular members, and said blades having openings adjacent to the tubular bearing to allow air to pass therethrough, and a supporting shaft positioned in the tubular bearing.

1,619,644. SAFETY ATTACHMENT FOR POCKETBOOKS, ETC. CHARLES WETZEL, New York, N. Y. Filed Apr. 16, 1926. Serial No. 102,504. 2 Claims. (Cl. 150—47.)

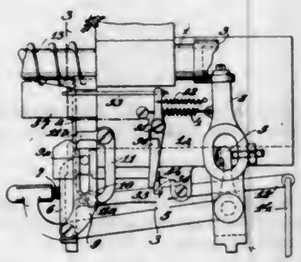
1. A device of the character described comprising an elastic band adapted for engagement about an article, transverse elastic strips secured upon said band at the inside thereof, elastic members secured upon the outside of the band opposite said strips and formed with di-

vergent wings projecting beyond the edges of the band, tines on the inner sides of said wings and facing in opposite directions, and means for forcing the wings out-



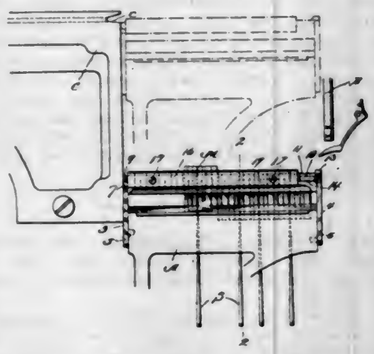
wardly with respect to the band, consisting of tongues on the strips engaging against the wings at their junctures with the band.

1,619,645. FEELING MECHANISM FOR MACHINES FOR PUNCHING CONTROLLING BANDS. OTTO WOLTERS, Magdeburg, and KARL HÖPER, Berlin-Charlottenburg, Germany, assignors to said Otto Wolters. Filed Apr. 15, 1926, Serial No. 102,328, and in Germany June 6, 1925. 12 Claims. (Cl. 164—152.)



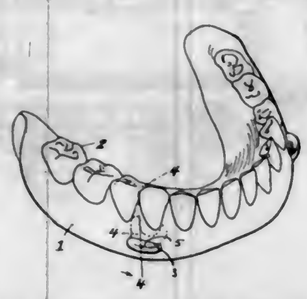
1. A feeling mechanism for machines for punching controlling bands, comprising in combination with a punching mechanism and with circulating elements having incisions of different depth, feeling levers designed to engage with said incisions of said circulating elements and a connection between said feeling levers and said punching mechanism designed to transmit the movements of said feeling levers to said punching mechanism.

1,619,646. ASSEMBLING ELEVATOR GATE FOR TYPOGRAPHICAL MACHINES. DAVID L. ANDERSON, Brooklyn, N. Y., assignor to Intertype Corporation, Brooklyn, N. Y., a Corporation of New York. Filed June 22, 1925. Serial No. 38,839. 6 Claims. (Cl. 199—29.)



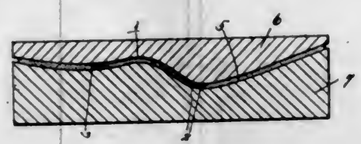
1. An assembling elevator gate for typographical machines comprising a body member and a supporting arm formed in one piece and bent into right angular relation, the upper edge of the body member being unbent and extending to the plane of the outer side of the supporting arm and presenting a square corner.

1,619,647. DENTAL-PLATE RETAINER. WILLIAM R. BADGER, Hubbard, Ohio. Filed Nov. 20, 1925. Serial No. 70,393. 2 Claims. (Cl. 32—4.)



1. The combination with a lower denture, of a retainer for the purpose set forth, comprising a plate constructed of non-absorbing and non-corrosive material adapted to be embedded in said denture with a portion projecting laterally from the outer side thereof between the upper and lower edges of said denture, said plate being crescent-shaped in plan and having its upper surface dished, and its edges rounded, a flange rising from the rear edge of the plate, and bendable prongs projecting upwardly from the corners of said flange as and for the purpose specified.

1,619,648. METHOD OF INCORPORATING A SHANK STIFFENER WITH A SHOE SOLE. REINHARD E. BARTELS, Lynn, Mass. Filed May 1, 1922. Serial No. 560,010. 6 Claims. (Cl. 12—146.)

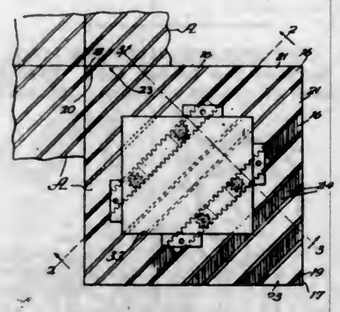


5. That improvement in the art of shoe-making which consists in molding a metal strip with a lateral curvature and substantially straight lengthwise, assembling said strip with its convex side against a shoe sole, and molding both sole and stiffener to the desired lateral and longitudinal curvature.

1,619,649. MANUFACTURE OF VEGETABLE CARBON. LEONARD HUGH BONNARD, London, England, assignor of one-half to Alfred Henry Bonnard, London, England. Filed Oct. 8, 1925, Serial No. 61,329, and in Great Britain Aug. 4, 1925. 11 Claims. (Cl. 252—3.)

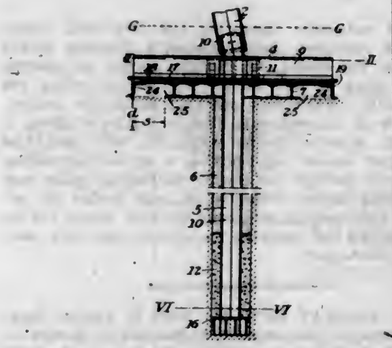
1. A process for the production of activated vegetable carbon which consists in intimately incorporating hydrated magnesium carbonate into carbonaceous material of vegetable origin, heating the mixture to a temperature such that the hydrated magnesium carbonate is dehydrated and decarbonated with resultant production of a highly activated carbon containing magnesium oxide, and thereafter treating the product to remove magnesium oxide therefrom.

1,619,650. PRINTING-PLATE HOLDER AND CLAMP. WILLIAM F. BRÖMANN, Evanston, Ill. Filed Apr. 18, 1922. Serial No. 555,099. 24 Claims. (Cl. 101—387.)



1. A base having a groove therein, a plate clamping catch adapted to be seated in said groove and freely advanced while entirely seated in the groove, and means for restraining the catch against retrograde movement.

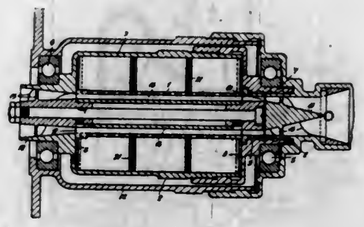
1,619,651. EARTH ANCHOR FOR STRUCTURAL TOWERS. EDWARD E. BUECHELE, West View, and SIDNEY A. MARTIN, Bradfordwoods, Pa. Filed Dec. 18, 1924. Serial No. 755,655. 4 Claims. (Cl. 189—21.)



1. A structural tower having a plurality of spaced legs and earth anchors secured thereto, each anchor comprising a stub extending downwardly in a hole provided therefor and adapted to withstand the tension stresses to which it may be subjected due to the upward pull on the stub caused by forces tending to overturn the tower, said stub having anchor means at its lower end adapted to cooperate with filling material placed above said anchor means to transmit forces due to such upward pull to the surrounding earth and thereby prevent upward movement of the stub, and a laterally extending base at the upper end of the stub for sustaining the portion of the weight of the tower distributed to the leg and adapted to be secured in place after the anchor means is buried.

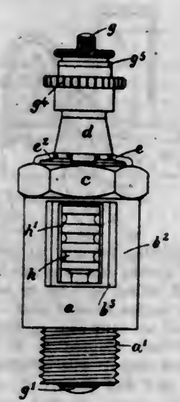
1,619,652. CENTRIFUGAL SEPARATOR. BENJAMIN CHARLES CARTER, London, England. Filed Oct. 23, 1926, Serial No. 143,725, and in Great Britain Mar. 14, 1925. 8 Claims. (Cl. 233—2.)

1. A centrifugal separator comprising a bowl rotatable at high speed upon its axis, longitudinal vanes upon the inner surface of the wall of said bowl, an inlet and an outlet to said bowl at opposite ends thereof, and means continuously dividing the fluid path between said inlet and outlet from the remainder of the bowl throughout the



entire length of the bowl said means permitting passage of fluid and fine impurities along such path while checking return of conglomerated solid matter to said path.

1,619,653. SPARK PLUG. PHILIP CHALLIS, Victoria, London, England. Filed Feb. 27, 1922, Serial No. 539,539, and in Great Britain Mar. 17, 1921. 2 Claims. (Cl. 123—169.)

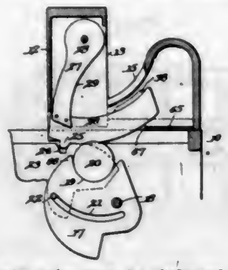


1. A spark-plug, comprising a tubular body, one end of said body being adapted for connection to an engine cylinder and bored to provide a seating; an insulator seated within the bored end of said body, an electrode passing through said insulator; a second insulator surrounding the stem of said electrode, said stem being exposed between the adjacent edges of said insulators; an apertured support for said second insulator, said support resting upon said body; said tubular body being apertured to allow access of air to the exposed length of said electrode within said body and between said insulators; said support being apertured to allow passage of air from within said body and means for holding the parts in position.

1,619,654. FRAUD-PREVENTING DEVICE. DANIEL L. CHANDLER, Boston, Mass., assignor, by mesne assignments, to Vend Ads Corp., a Corporation of Massachusetts. Original application filed Mar. 28, 1923, Serial No. 628,354. Divided and this application filed Mar. 16, 1925. Serial No. 15,988. 8 Claims. (Cl. 194—97.)

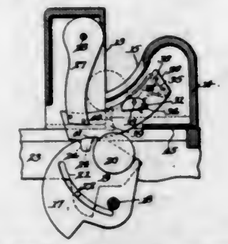
1. A vending machine having, in combination, a casing provided with a coin slot through which a coin may be in-

serted therein and a stop plate extending transversely of said slot and positioned to be engaged by a coin drawn upwardly from the interior of said casing toward said



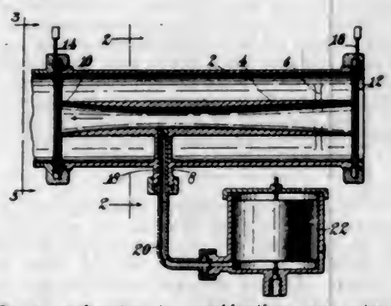
slot, whereby said coin may be deflected to a position transversely of said slot and thereby prevented from being withdrawn through said slot.

1,619,655. FRAUD-PREVENTING DEVICE FOR VENDING MACHINES. DANIEL L. CHANDLER, Boston, Mass., assignor to Vend Ads Co., Inc., Worcester, Mass., a Corporation of Massachusetts. Original application filed Mar. 28, 1923, Serial No. 628,354. Divided and this application filed Mar. 16, 1925. Serial No. 15,989. 4 Claims. (Cl. 194—97.)



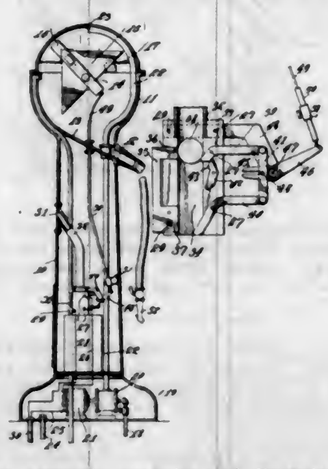
1. A vending machine having, in combination, a casing provided with a coin slot through which a coin may be inserted in said casing, an arm in said slot, means to impart a swinging motion to said arm, a pivotally mounted detent positioned on said arm in alignment with said slot, a stationary cam adapted to be engaged by said detent whereby said detent will be rocked in one direction to open said slot and permit a coin to be inserted in said casing and means to rock said detent in the opposite direction to obstruct said slot so as to prevent said coin from being withdrawn from said casing.

1,619,656. CARBURETOR. WILLIAM MERVYN CROFTON, Dublin, Ireland. Filed Oct. 20, 1923, Serial No. 669,691, and in Great Britain Nov. 13, 1922. 3 Claims. (Cl. 261—63.)



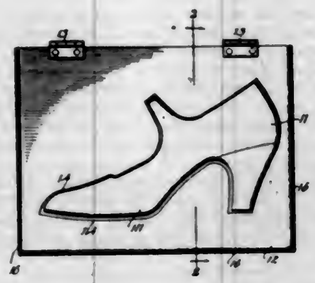
1. In a carburetor, in combination, an outer tube normally open at both ends, an inner tube, a fuel jet opening transversely into said inner tube, and valve means in the outer tube comprising an obturator guided to move past that end of the inner tube which is nearer the engine, and means for moving said obturator, said obturator being adapted during opening to uncover first the end of the inner tube and then to open the space between the two tubes.

1,619,657. COIN-OPERATED GASOLINE PUMP. GREGORY C. DAVISON, New London, Conn. Filed Sept. 2, 1926. Serial No. 133,235. 5 Claims. (Cl. 194—6.)



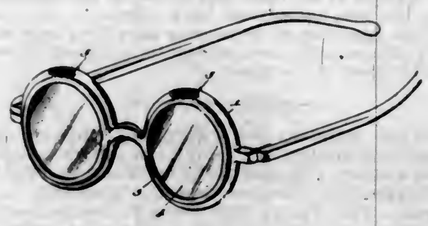
1. In an automatic measuring and dispensing pump, a casing, a container on the casing, a dumping bucket mounted in the casing, an electric circuit, an electric controlled pump in said circuit, means for feeding the liquid to said bucket, coin operated means for controlling the circuit through said electric controlled pump, a second coin operated means cooperable with said first coin operated means for effecting a second controlling of the circuit through the electric controlling pump, and coin releasing means connected to said bucket for cooperation with both of said coin operated means for releasing the coin and breaking the circuit upon each overthrow of the bucket.

1,619,658. DISPLAY DEVICE. BERT E. DRAKE, Rockville Center, N. Y., assignor of one-half to Horace D. Tracy, Rockville Center, N. Y. Filed Sept. 1, 1926. Serial No. 133,038. 3 Claims. (Cl. 35—17.)



2. A display device including a base having a dummy thereon simulating an article and a clamp adapted to be disposed against the base and having an opening for the dummy to project through, for the clamping of material on to the base and extending over the dummy, the said plate having edge portions deflected in a direction toward the back of the base.

1,619,659. EYEGLASSES OR SPECTACLES. JOSEPH TANNER EVANS, Boise, Idaho. Filed Feb. 12, 1925. Serial No. 8,713. 2 Claims. (Cl. 88—41.)



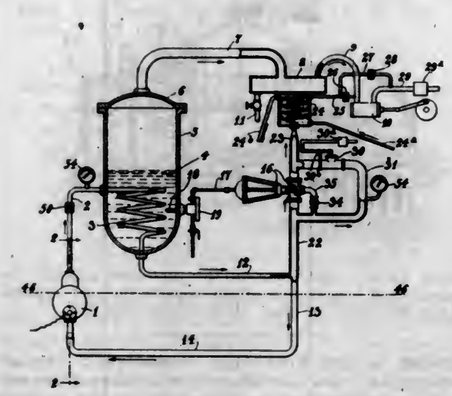
1. Eyeglasses having two sets of cooperable lenses, a frame carrying each set of lenses, and a pair of hinge connections between the frames, each hinge connection comprising a pair of lugs carried by one frame, a pivot bolt mounted on said lugs, a pair of lugs carried by the other frame member and mounted on said pivot bolt, a laterally directed projection on one of said lugs, the adjacent lug having a cooperable notch, and spring means to urge the lug and notch into engagement.

1,619,660. HIGH-TEMPERATURE-HEATING METHOD. CROSBY FIELD, New York, N. Y., assignor to Chemical Machinery Corporation, a Corporation of New York. Filed Mar. 4, 1920, Serial No. 363,129. Renewed Feb. 1, 1927. 2 Claims. (Cl. 126—370.)

1. The herein described process which consists in subjecting a body of mercury to heat for forming a vapor; applying the vapor in heat transferring relation to a body to be heated, thereby partially condensing the vapor; maintaining a substantial body of the thus condensed mercury in gravity flow relation to the body of mercury being subjected to heat but out of heat receiving relation therewith, thus returning such condensed mercury to the heated body of mercury; withdrawing the remaining mercury vapor from the place of heat utilization and subsequently condensing the same and returning the latter condensate to the heated body of mercury.

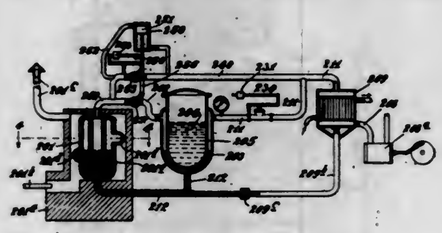
1,619,661. APPARATUS FOR HEAT TRANSFER AT HIGH TEMPERATURES. CROSBY FIELD, Yonkers, N. Y., assignor to Chemical Machinery Corporation, a Corporation of New York. Filed Apr. 17, 1922. Serial No. 553,640. 7 Claims. (Cl. 126—370.)

1. A mercury boiling and condensing system including a mercury boiler, means for heating it, a mercury vapor condenser, conduits for flow of vapor from the boiler to the condenser, and for return flow of condensate to the boiler, and a container for maintaining material in heat absorbing relation to the condenser, in combination with a thermostatically controlled regulating valve insensible to pressures within the system, adapted to vent the system to limit the mercury vapor pressure and thereby regulate the temperature of the condenser



and a second pressure controlled vent valve adapted to relieve internal pressures independently of the temperature in the condenser.

1,619,662. METHOD OF HEATING AND COOLING AT HIGH TEMPERATURES. CROSBY FIELD, Yonkers, N. Y., assignor to Chemical Machinery Corporation, a Corporation of New York. Filed Apr. 20, 1922. Serial No. 555,657. 6 Claims. (Cl. 126—370.)

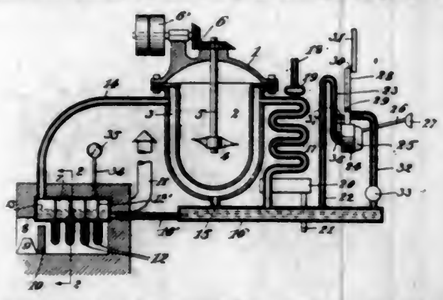


1. The method of transferring heat which consists in imparting heat to mercury to boil off mercury vapor in one region of a circulating system, absorbing heat from the mercury vapor at another region of the system to condense mercury; maintaining a body of condensate in heat absorbing relation to the latter region; and governing the temperature by governing the internal pressure of the condensing vapor.

1,619,663. APPARATUS FOR HEATING AND FOR CONTROLLING REACTIONS AT HIGH TEMPERATURES. CROSBY FIELD, Yonkers, N. Y., assignor to Chemical Machinery Corporation, a Corporation of New York. Original application filed Mar. 4, 1920, Serial No. 363,129. Divided and this application filed July 15, 1922. Serial No. 575,365. 8 Claims. (Cl. 126—370.)

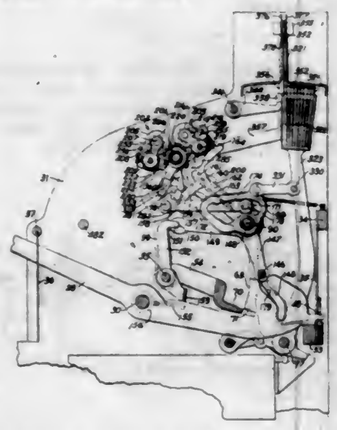
1. A mercury boiler, a container including condensation surfaces in heat transferring relations to the material to be treated therein, an intermediate supply conduit affording a direct low resistance path for conducting vapor from the boiler to the condensation surfaces, drainage passages arranged in parallel for drainage of

the primary condensate and for condensation and drainage of the surplus vapor back to the boiler, in combination with pressure controlling means operating on the



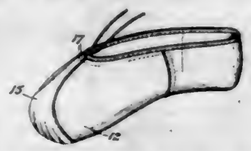
system from a point beyond the container whereby the pressure and temperature of the vaporization are approximately the same as those of the condensation.

1,619,664. CASH REGISTER. FREDERICK L. FULLER, Bridgeport, Conn., and WILLIAM H. ROBERTSON, Dayton, Ohio, assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a Corporation of Maryland. Filed July 9, 1920. Serial No. 394,974. 18 Claims. (Cl. 235—23.)



1. In a machine of the class described, the combination of manipulative devices, a group of indicator tablets, tablet selecting means including a member having a cam slot and a member projecting therein for moving the group from a previously set position directly to a new position, and a third member connected to and operated by said devices, said third member having a similar cam slot and receiving said projecting member for controlling said selecting means.

1,619,665. TOE SLIPPER. ADOLPH GABRIEL, New York, N. Y. Filed Oct. 25, 1926. Serial No. 143,913. 4 Claims. (Cl. 36—1.)



4. A toe slipper, having a box toe, and having a removable covering piece of material extending from the front end of the sole over the front of the toe and up over the vamp, the covering piece being of sufficient width at the toe to take the wear and tapering toward its upper end and having concavely curved side edges, the lower portion of the covering piece being folded with the material at the under side of the toe and extending into the folds thereof and being stitched to the sole, and the upper end of the covering piece being independently stitched to the vamp adjacent the upper edge thereof at the throat of the slipper.

1,619,666. PROCESS FOR THE EXTRACTION OF AMMONIUM-ALUMINUM SULPHATE FROM ALUMINUM-SULPHATE SOLUTIONS CONTAINING FERRIC COMPOUNDS. ROBERT GANSSEN, Grunewald, Germany. Filed Feb. 14, 1921, Serial No. 444,994, and in Germany Sept. 21, 1917. Renewed Dec. 11, 1926. 3 Claims. (Cl. 23—118.)

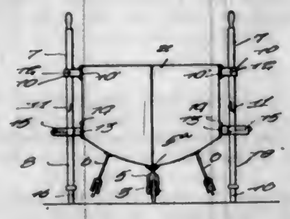
1. The method of extracting ammonium-aluminum sulphate, substantially free of iron, from aluminum sulphate solutions containing ferric sulphate, said method consisting in acting upon said solution of aluminum sulphate with an excess of ammonium sulphate and adding a base in such a quantity as to convert the ferric sulphate, present in the solution, into a soluble basic ferric sulphate before the ammonium-aluminum sulphate crystallizes out.

1,619,667. NECKTIE FASTENER. SAMUEL GOLDSTEIN, Bronx, N. Y. Filed Nov. 29, 1926. Serial No. 151,537. 2 Claims. (Cl. 24—56.)



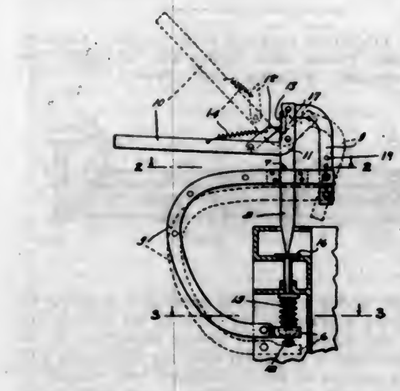
1. The combination with a collar button having a notched shank, of a necktie fastener comprising a casing formed with a body, a back plate, means at the edge of the body for clamping the back plate thereto, bearing lugs struck from the body engaged with the plate to space the same from said body, the plate and body being formed with openings for receiving the shank of the collar button, a manually releasable latching device confined between the body and plate and engageable with the shank of the collar button to lock the same to the casing, means for fastening the casing to a necktie, and guide members struck from the body of the casing and frictionally engaged by the latching device to effect the releasing of the latter when depressed.

1,619,668. TOY NAVIGATOR. HENRY F. GORDON, Chicago, Ill. Filed Apr. 6, 1925. Serial No. 21,217. 8 Claims. (Cl. 208—41.)



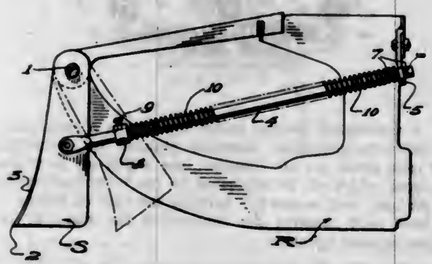
1. In combination, a land vehicle, an oar propeller carried by the vehicle, the propeller provided with yieldable plunger whereby its length may automatically change said means including a spring controlled extension.

1,619,669. VALVE LIFTER. NED EDGAR GOUGH, Seattle, Wash. Filed Apr. 12, 1921. Serial No. 460,620. 5 Claims. (Cl. 29—86.3.)



1. A valve lifter embodying a U-shaped arm, a slotted foot, on one end portion of said arm, a slot near the end portion on its other end, a thrust arm slidably mounted in said slot, said thrust arm being in alignment with said foot, an adjustable L-shaped fulcrum arm mounted in the end portion of said U-shaped arm, and an L-shaped handle arm pivotally mounted near its angle point to said thrust arm and pivotally connected at its end portion to the end of said fulcrum arm.

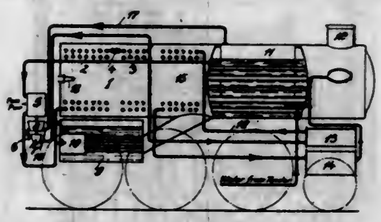
1,619,670. STUB-SHOE ATTACHMENT FOR RUNNERS OF CORN PLANTERS OR THE LIKE. FRANK D. HABERMAN, Des Moines River Township, Minn. Filed Oct. 21, 1926. Serial No. 143,284. 2 Claims. (Cl. 97—225.)



1. In combination with the runner of a planter, a vertically disposed shoe pivotally engaged with the forward portion of the planter, a rod pivotally engaged with the shoe and slidably engaged with the rear portion of the runner, and yieldable means coacting with the shoe and rod for normally maintaining the shoe in its working position.

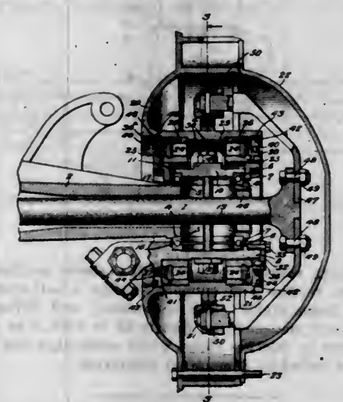
2. In combination with the runner of a planter provided with a laterally disposed projection at its rear portion, a vertically disposed shoe pivotally connected with the forward portion of the runner, a rod pivotally connected with the central portion of the shoe and slidably disposed through the lateral projection of the runner, means carried by the rod and contacting with the projection to limit the forward swinging movement of the shoe, and an expansible spring coacting with the lateral projection of the runner and the forward portion of the rod for normally maintaining the shoe at the limit of its forward movement.

1,619,671. STEAM GENERATOR FOR PORTABLE PLANTS. WILHELM HOJER, Munich, Germany, assignor to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed Nov. 6, 1926, Serial No. 146,803, and in Germany July 15, 1925. 4 Claims. (Cl. 60—1.)



1. In a portable high-pressure high-temperature boiler plant operating on the Benson principle, means for starting and maintaining the operation of the boiler, comprising a main steam generator for producing high temperature steam at high pressure, a feed pump for furnishing water to said generator at the high pressure required, a prime mover for operating said pump and being suitably connected to said main generator to receive steam therefrom during the normal boiler operation, and an auxiliary boiler operable independently of said main generator for furnishing steam to said prime mover of sufficient pressure to start said pump for generating the feed water pressure in the main generator necessary to start its operation.

1,619,672. POWER TRANSMISSION FOR WHEELS. HARLEIGH R. HOLMES, Denver, Colo. Filed July 24, 1923. Serial No. 653,609. 15 Claims. (Cl. 180—48.)

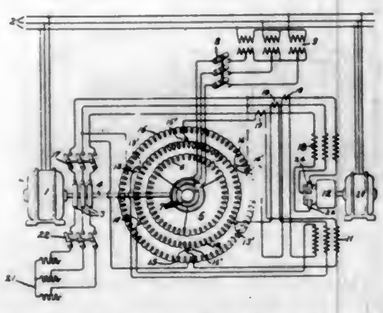


1. A power transmission for vehicles including an axle, an axle housing having a transverse opening therethrough, a spindle, anti-friction bearings interposed between the axle housing and the spindle, and means passing through the transverse opening in the housing and on either side of the axle for securing the spindle, axle housing and bearings together.

1,619,673. SYSTEM OF SPEED CONTROL FOR INDUCTION MOTORS. JOHN I. HULL, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 10, 1923. Serial No. 661,768. 9 Claims. (Cl. 172—274.)

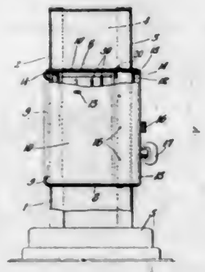
1. A system of speed control wherein an induction motor arranged to be supplied with current from a suitable source of power is concatenated with a regulating

machine provided with a shunt field winding and wherein a voltage of the same frequency as that of the slip current of said induction motor is impressed on said shunt field winding and is varied to control the speed of said



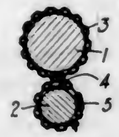
induction motor, characterized by the fact that a machine provided for exciting said winding is arranged to generate independently adjustable component voltages which are substantially proportional to the shunt field ohmic and reactive drops respectively.

1,619,674. CLOCK CASING. RUDOLF VICTOR KOHN, Cedarhurst, N. Y., assignor to The De Luxe Clock and Manufacturing Company, Inc., New York, N. Y., a Corporation of New York. Filed Mar. 7, 1924. Serial No. 697,435. 12 Claims. (Cl. 58—53.)



11. A clock casing provided with a sleeve portion constructed to receive and support therein a self-contained instantly demountable clock movement, and fitting the casing of said movement so tightly as to hold it in operative position by friction alone, while permitting the movement to be instantly demounted therefrom.

1,619,675. CHAIN COUPLING FOR LOGS. EDWARD LARSSON, Stockholm, Sweden. Filed Aug. 16, 1926. Serial No. 129,597, and in Sweden Sept. 5, 1925. 1 Claim. (Cl. 9—16.)



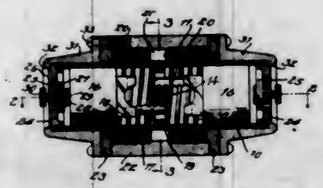
A chain coupling for logs comprising a chain placed around the overlapping ends of the logs in the shape of an 8, a short tube piece provided between the logs, the portions of the chain crossing each other being passed through said tube piece, and means for tightening the chain on the logs, substantially as and for the purpose set forth.

1,619,676. LOCKING DEVICE FOR SAFES. CHARLES F. MEILINK, Toledo, Ohio. Filed Jan. 13, 1922. Serial No. 528,909. 8 Claims. (Cl. 109—3.)



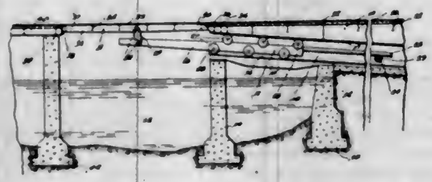
3. A shaft having a polygonal opening, a jamb for the opening having a groove in the plane of the opening providing for the extent of said groove uniformity in the jamb cross-section, a polygonal door for registering with the opening and as so moved thereinto held engaged by the opening against angular shifting, a rock shaft carried by and extending to protrude from the front of the door, a bolt for the door, and a member pivotally connected to both the rock shaft and bolt and rockable relatively to each thereof in shifting the bolt in the plane of the door to protrude marginally therefrom to engage the groove.

1,619,677. WINDSHIELD CLEANER. EARL F. PIERCE, Chicago, Ill., assignor, by mesne assignments, to Trico Products Corporation, Buffalo, N. Y., a Corporation of New York. Filed Dec. 29, 1921. Serial No. 525,632. 8 Claims. (Cl. 172—126.)



1. A windshield cleaner motor comprising a rock shaft, an electro-magnetically operated plunger for actuating said rock shaft, an air chamber into which air is drawn and from which air is exhausted by the reciprocations of the plunger, and means for varying the rate of escape of air from said chamber for controlling the speed of operation of said plunger.

1,619,678. MOVABLE BRIDGE. HERMAN L. PRINZ, Chicago, Ill. Filed Jan. 4, 1926. Serial No. 79,209. 10 Claims. (Cl. 14—43.)

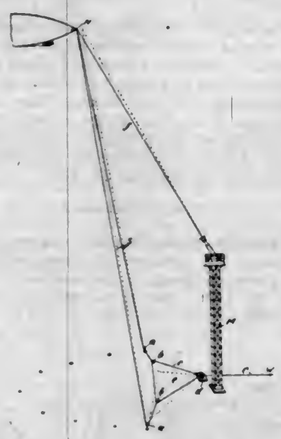


1. A bridge including in combination with a street structure having a guideway formed therein, of a spanning structure, means movable in the guide way and operatively connected to the spanning structure for moving said spanning structure from spanning position into the guideway, and a member pivotally connecting the spanning structure and the moving means providing said operative connection.

1,619,679. MANUFACTURE OF NITROGENOUS FERTILIZERS. ERIC HANNAFORD RICHARDS and HENRY BROUGHAM HUTCHINSON, Hertfordshire, England, assignors to Adco Limited, London, England, a British Company. Filed Apr. 15, 1924, Serial No. 706,717, and in Great Britain Apr. 23, 1923. 40 Claims. (Cl. 71—6.)

1. The process of manufacture of an organic nitrogenous fertilizer, which comprises bringing together a fermentable carbonaceous substance and a substantially water-insoluble hydrolyzable compound of nitrogen, and maintaining these materials in contact in a highly hydrated state under aerobic conditions for a period of time sufficient to permit the ammonia assimilator organisms in the said carbonaceous substance to ferment the same and transform the initially applied nitrogen into new, water-insoluble, organic nitrogenous compounds in substantial quantity within the fermented mass.

1,619,680. MOORING GEAR FOR AIRSHIPS. VINCENT CRANE RICHMOND and GEORGE HERBERT SCOTT, Cardington, England. Filed Sept. 8, 1926, Serial No. 134,247, and in Great Britain May 20, 1925. 3 Claims. (Cl. 244—2.)

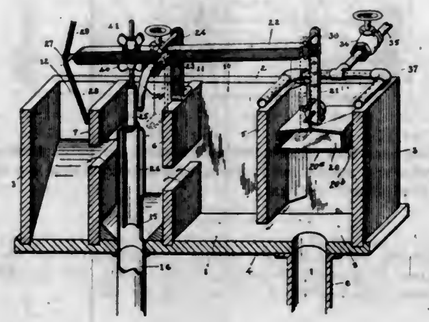


1. Airship mooring gear, comprising a mooring mast and anchored side guys for controlling the movements of the nose of the ship while being hauled in by a mast line or lines, blocks through which the side guys are rove, said blocks being movable laterally under lateral movement of the nose of the ship during the early stages of the mooring operation and remaining stationary and preventing such lateral movement at the end of the mooring operation.

1,619,681. ORNAMENTAL WOOL FELT AND METHOD OF MAKING SAME. JOSEPH ROBINSON, Jersey City, N. J. Filed Jan. 12, 1927. Serial No. 160,773. 3 Claims. (Cl. 26—69.)

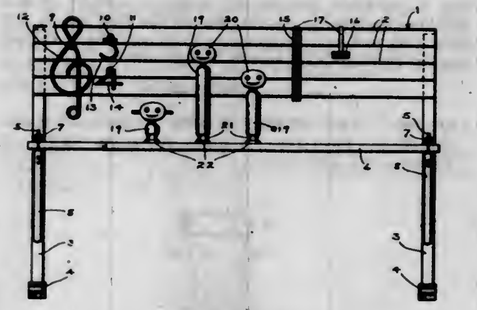
2. The method of applying a coating to wool felt hat bodies resembling frosting comprising pouncing the hat body to pull out the fibers to form a nap, and spraying a thinned colored lacquer against the hat body substantially tangentially thereto, the character of the lacquer and spraying being such as to incompletely change the color of the body and completely color the fiber nap to produce the frost effect.

1,619,682. STOCK REGULATOR FOR PAPER-MAKING MACHINES. WILLIAM J. SHERIDAN, Rochester, N. Y. Filed Mar. 13, 1926. Serial No. 94,567. 8 Claims. (Cl. 92—46.)



1. In an apparatus for regulating the flow of pulp, the combination of a vat having an outlet in the bottom thereof, a pipe mounted in said outlet and projecting into the inside of said vat, said pipe having an opening in the side thereof near the outlet of said vat, a second pipe suspended in said first pipe, and means for raising and lowering said second pipe in said first pipe to regulate the flow of pulp thru the opening in said first pipe into the outlet of said vat.

1,619,683. MUSIC-TEACHING DEVICE. ALEXANDER J. STINSON, Elgin, Ariz. Filed June 26, 1926. Serial No. 118,815. 2 Claims. (Cl. 84—472.)

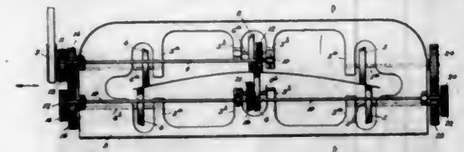


1. A music instruction device comprising a staff, means for supporting the same in horizontal position, means for removably fixing certain music symbols upon said staff, a platform extending beneath said staff, and a plurality of figure members of varying heights having heads symbolizing music notes, said members being designed to stand on said platform to position the heads thereof in desired sequence, before said staff.

1,619,684. MACHINERY EMPLOYED IN THE SHEARING OF METAL PLATES OR SHEETS. HUBERT SPENCE THOMAS, Llandaff, and WILLIAM ROBERT DAVIES, Whitchurch, Wales. Filed Oct. 31, 1924, Serial No. 747,072, and in Great Britain Nov. 15, 1923. 3 Claims. (Cl. 164—60.)

1. Machines for use in the shearing of metal plates and sheets comprising a plurality of pairs of rotary disc cut-

ters the contiguous portions of the cutting edges of the intermediate pairs of which are disposed in different horizontal planes to those containing the corresponding con-



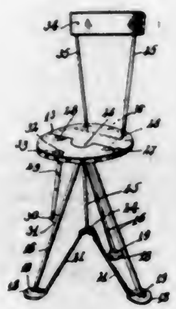
tiguous portions of the cutting edges of the outer pairs of cutters and means for rotating and synchronizing the operation of said cutters.

1,619,685. BED REST. ALICE J. UPDEGROVE and WILLIAM B. MARSH, Brooklyn, N. Y. Filed Mar. 3, 1926. Serial No. 91,996. 1 Claim. (Cl. 5—327.)



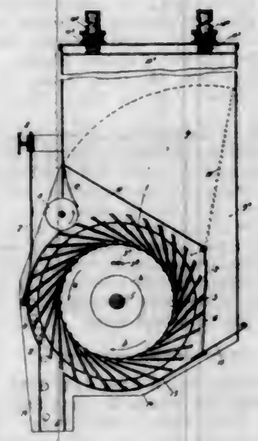
A device of the class described comprising a pair of spaced parallel members, a pair of hingedly connected rest sections, one of said sections being hingedly mounted on said members, and a U-shape brace member having its free ends hingedly connected to the respective parallel members, opposed sets of stops on said last mentioned section for engagement by the U-shaped brace member and sets of oppositely disposed stop members provided on said parallel members for engagement by the free end of said other rest section for holding said rest sections in various angular positions with respect to each other.

1,619,686. CAMP STOOL. WALTER WITKOWSKI, Brooklyn, N. Y. Filed Jan. 22, 1926. Serial No. 82,979. 3 Claims. (Cl. 155—135.)



1. A collapsible stool comprising a seat proper, a seat member hinged thereto, legs hinged to the said seat proper feet hinged to the said legs, radial supports hinged to said feet, a central support rigidly attached to the center of the said seat proper and extending downwards therefrom in a vertical position and a ring slidably mounted on said central support and guided hereby, said radial supports being pivoted at their upper ends to said ring.

1,619,687. SEED DISPENSER. OTTO WODKE, Rostock, Germany, assignor of one-half to the Firm Actien Gesellschaft "Neptun" Schiffswerft und Maschinenfabrik, Rostock, Germany. Filed Aug. 30, 1926, Serial No. 132,599, and in Germany Apr. 4, 1925. 4 Claims. (Cl. 221—135.)



1. A sowing machine, comprising in combination a seed container, a sowing wheel mounted so as to rotate in the said container, a plurality of driving discs in the said wheel, scoops attached in groups to the said driving discs, a drum surrounding the said driving discs and having openings through which the scoops extend, the driving discs being capable of being rotated jointly relatively to the said drum and also independently with respect to one another as and for the purpose set forth.

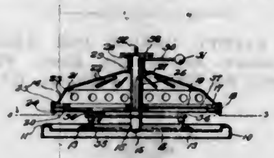
1,619,688. TRUCK SIDE FRAME. GUSTAF A. ANDERSON, Baltimore, Md., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Dec. 27, 1922. Serial No. 609,212. 37 Claims. (Cl. 105—205.)



1. A car truck side frame involving a wrought metal sheet shaped to form inner and outer side walls, each of said side walls having corresponding side frame portions, means including a plurality of welds uniting the side frame portions, and rivet means uniting other of said side frame portions, said rivet means being located at the bottom of the side frame and arranged on a line passing through the longitudinal center of said frame.

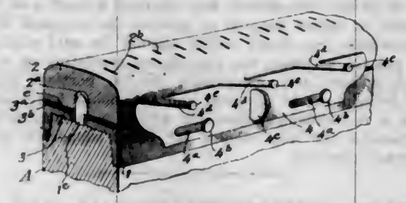
1,619,689. SPINNING TOY. LOUIS V. ARONSON, Newark, N. J. Filed Feb. 6, 1924. Serial No. 691,004. 10 Claims. (Cl. 46—32.)

1. A spinning toy comprising, in combination, a base, a post rigid with said base, a spinning member having a sleeve extending through its body and journaled on said post, and an annular flange upon the end of said sleeve remote from said base, said flange spaced from said spinning member to form a drum to receive a flexible driving means.



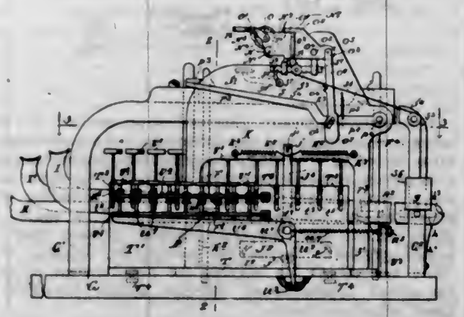
10. A spinning top comprising, in combination, a post, a shell revolubly mounted on said post, forming the body of the top and having a light-emitting opening therein, and gravity controlled illuminating means causing illumination through said opening in the revolution of the shell in a spinning position thereof.

1,619,690. TRACKER BAR. NORMAN G. BAKER, Muscatine, Iowa. Filed Jan. 22, 1925. Serial No. 4,051. 5 Claims. (Cl. 84—64.)



1. A tracker bar comprising two separable sections, a screen between said sections, cam means for detachably locking said sections, together comprising a plate longitudinally slidably mounted on the side of one section and having one or more angularly disposed cam slots therein extending inwardly from one edge and overlying the other section, and one or more pins on the other section adapted to engage said slots.

1,619,691. TYPEWRITING MACHINE. CLYDE C. BALSTON, New York, N. Y. Filed Dec. 25, 1926. Serial No. 157,002. 24 Claims. (Cl. 197—1.)

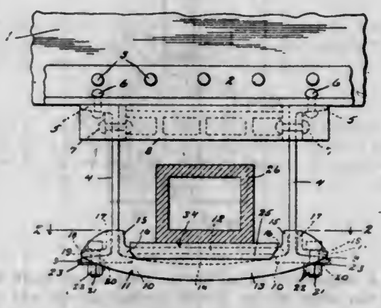


1. A typewriting machine comprising type supports, mechanism to move a plurality of type simultaneously into assembled position for the production of a word or other group of characters, the said type supports being independently movable, and mechanism operating upon and coacting with said first named mechanism to simultaneously move a number of separately movable characters into printing position by the movement of a single key, substantially as set forth.

1,619,692. PROCESS OF MAKING MOLDED COMPOSITIONS. LAWRENCE E. BARRINGER, Schenectady, and CHARLES F. PETERSON, Scotia, N. Y., assignors to General Electric Company, a Corporation of New York. Original application filed Sept. 13, 1922, Serial No. 588,079. Divided and this application filed Apr. 10, 1925, Serial No. 22,213. Renewed July 26, 1926. 11 Claims. (Cl. 18—55.)

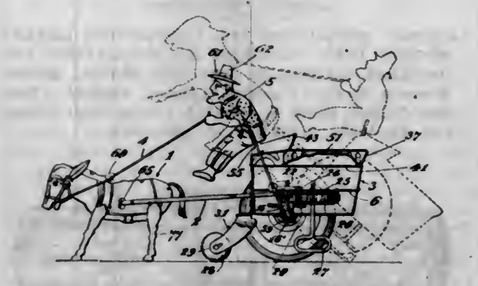
2. The process of making mica compositions which consists in coating mica fragments with a resin comprising a compound of a polyhydric alcohol and a polybasic acid in the fusible stage, forming blanks therefrom, heating the same under pressure, the temperature being sufficiently high to convert said resin to a partially polymerized condition, cutting said blanks to desired form and thereupon heating the formed product to further polymerize the resin.

1,619,693. CARRY IRON. DONALD S. BARROWS, Rochester, N. Y., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Aug. 7, 1924. Serial No. 730,689. 5 Claims. (Cl. 213—61.)



1. In a draft rigging, the combination with center sills having oppositely directed lower flanges, of a coupler, and a carry iron therefor, the end portions of said carry iron being adapted to embrace the adjacent portions of said sills and overlie the said flanges.

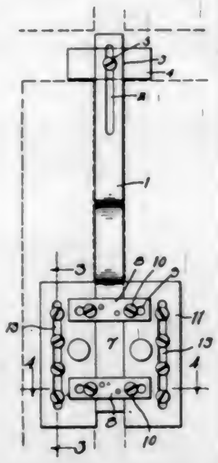
1,619,694. MECHANICAL TOY. SAMUEL I. BERGER, Newark, N. J. Filed Apr. 29, 1925. Serial No. 26,608. 14 Claims. (Cl. 46—45.)



14. In a toy of the character described, a cart having a wheel at each side and a pilot wheel at the front thereof, thills projecting forwardly from said cart, a draft animal figure connected with said thills, means including a spring motor to drive the side wheels to produce alternate forward and rearward movements of the toy, and a downwardly extending winding key carried by the motor and rotated continuously during the unwinding of the motor, the toy being so constructed as to

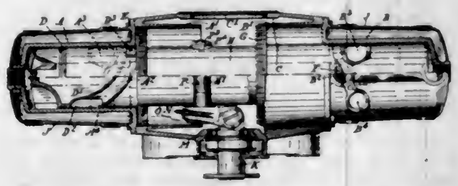
tilt rearward, as an effect of inertia when suddenly reversed at the end of a rearward movement, until the handle of said key rests on the supporting surface whereby, as a result of the rotation of the key handle in contact with the floor, the toy is caused to pivot thereabout and then to continue its advance in another direction.

1,619,695. GAUGE. ALBERT T. BOESE and PETER H. BOESE, Hutchinson, Kans. Filed Feb. 24, 1926. Serial No. 90,411. 2 Claims. (Cl. 33—197.)



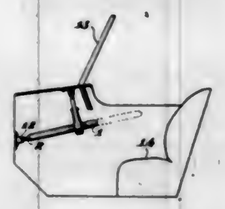
2. A carpenter's gauge for the purpose set forth including a bar offset at the central portion thereof and slotted longitudinally near one of its ends, a notched head receiving the said end of the bar in the notch thereof, a binding element passing through the slot of the bar and engaging the head, lateral strips secured near the unslotted end of the bar and having spaced openings adjacent to their ends, gauge plates underlying the strips and parallel with the bar, bolt members passing through one of the openings in the strips and engaging threaded openings in the gauge plates, each of said gauge plates having a longitudinal slot therethrough, pointed members adjustably arranged in said slots, and a head on each of the gauge plates.

1,619,696. MECHANISM FOR CONVERTING ROTARY MOTION INTO COMBINED RECIPROCATING AND OSCILLATING MOTION AND VICE VERSA. ERNEST WINDSOR BOWEN, Chiswick, London, England. Filed Jan. 3, 1924. Serial No. 684,216, and in Great Britain Jan. 18, 1923. 9 Claims. (Cl. 74—14.)



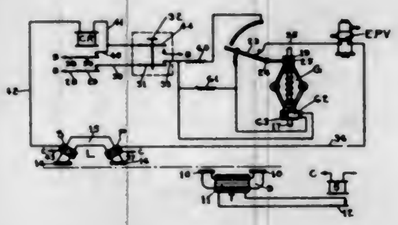
1. In mechanism of the class described, a cylinder, a reciprocatory member mounted within said cylinder, a shaft disposed laterally of said cylinder, a crank arm pivotally connected to the shaft, a self-aligning bearing in said crank arm, a pin connecting the bearing with the reciprocating member on the same side of the member as that on which the shaft is located, and means whereby said shaft can be adjusted longitudinally of its axis.

1,619,697. SAFETY DEVICE FOR AUTOMOBILES. HAROLD BROWN, Kansas City, Kans. Filed Dec. 6, 1924. Serial No. 754,346. 4 Claims. (Cl. 280—150.)



1. The combination with the cowl and front body portions of an automobile body having a seat and windshield, of means adapted to prevent the occupant of said automobile from being hurled against the said windshield in case of accident, the said means consisting of a hand grip or arm rest, comprising bracket portions adapted for attachment to the cowl and automobile body portions and a rod slidably adjustable within a tubular bar, the adjustable rod and tubular bar being supported by said bracket portions.

1,619,698. INTERMITTENT-INDUCTIVE TRAIN CONTROL. CHARLES S. BUSHNELL, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Filed Apr. 8, 1925. Serial No. 21,554. 9 Claims. (Cl. 246—6.3.)



1. Inductive influence, communicating means for automatic train control systems comprising; car-carried apparatus including a normally energized flux producing coil; a secondary influence receiving coil; a control relay having a front contact; a secondary circuit including said secondary coil, the winding of said relay, a source of direct current and the front contact of said relay in series; trackway means for inductively coupling said coils; and means for varying the sensitiveness of said car-carried apparatus at different speeds including a speed responsive device.

1,619,699. TESTING INSTRUMENT. WILLIAM BROAD, Beaver Falls, Pa., assignor of three-fourths to H. E. McLain, Pittsburgh, Pa. Filed June 5, 1924. Serial No. 718,006. 12 Claims. (Cl. 136—100.)

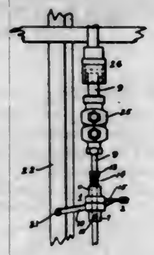
1. In a voltaic cell, a conductor of the first class forming a casing, a second conductor of the first class therein, and an absorbent material between said conductors main-

taining them in definite spaced relation, said casing having an opening adjacent one end permitting contact to be established at will with said second mentioned con-



ductor and having an opening adjacent the opposite end enabling the addition of electrolyte, substantially as described.

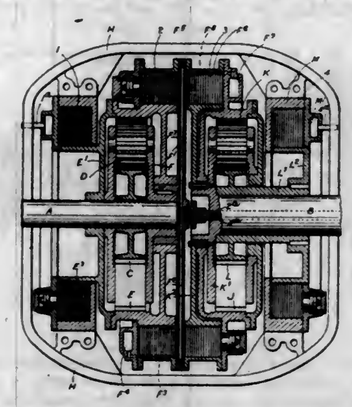
1,619,700. PUMP-ROD-ROTATING DEVICE. JAMES H. COLLINS, Fullerton, Calif., assignor to William D. Shaffer, Brea, Calif. Filed Feb. 26, 1924. Serial No. 695,285. 5 Claims. (Cl. 255—14.)



1. In combination a polished rod, a clutch, one member of said clutch being fixed to the polished rod of an oil well apparatus, the other member of said clutch being rotatably mounted on said rod, means for oscillating said rotatable clutch member as said rod reciprocates to cause said clutch members to disengage on one reciprocating movement of the rod and to engage and turn the rod on its other reciprocating movement, and spring means for forcing said rotatably mounted clutch member toward said fixed clutch member.

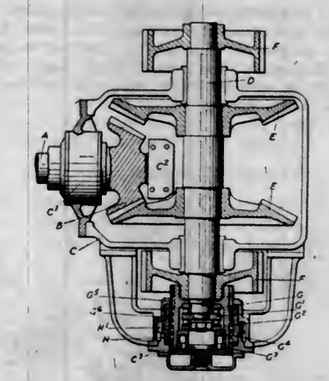
1,619,701. VARIABLE SPEED GEAR AND MEANS FOR CONTROLLING THE SAME. ALAN ERNEST LEOFRIC CHORLTON, London, England. Filed July 7, 1924. Serial No. 724,719. 3 Claims. (Cl. 74—34.)

1. In a variable speed gear, in combination, a driving member, a driven member, means for coupling said driving member to said driven member including an epicyclic gear train comprising a sun wheel loosely mounted concentrically of the driving member, a rotatable arm carrying a planetary pinion connected to the driven shaft, a toothed annulus concentric with the driving and driven members but mounted to rotate independently of either, a disc secured to the driving shaft, a plurality of multiple plate connecting devices operative on the elements of the gear train for changing the speed ratio between the driving and driven members, there being two of said multiple plate connecting devices adapted to hold the sun gear and annulus stationary, and two multiple



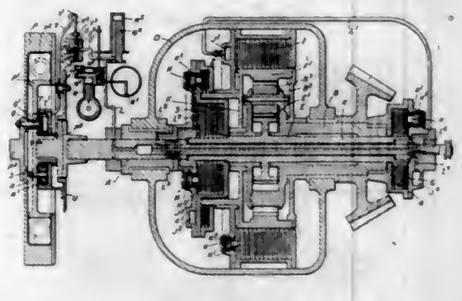
connecting devices adapted to connect the sun gear and annulus to said disc secured to the driving shaft, and means for controlling said connecting devices.

1,619,702. REVERSING GEAR FOR INTERNAL-COMBUSTION-ENGINE LOCOMOTIVES. ALAN ERNEST LEOFRIC CHORLTON, London, England. Filed Nov. 12, 1924. Serial No. 749,500. 3 Claims. (Cl. 74—58.)



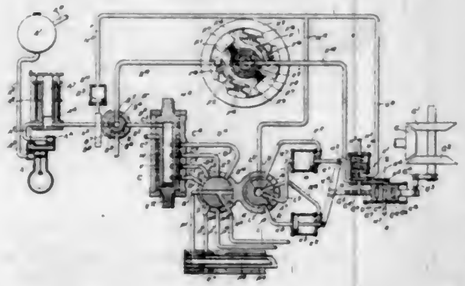
1. In a reversing gear for an internal combustion engine locomotive, the combination of a driving shaft, a bevel pinion fixed on this driving shaft, a shaft disposed at right angles to the driving shaft, two bevel pinions fixed rigidly to this second shaft, these wheels being so positioned that either one or the other of them can be brought into engagement with the bevel pinion on the driving shaft, two gear wheels fixed on the said second shaft respectively towards its ends, other gear wheels meshing with these gear wheels and serving to transmit the drive to the track wheels, bearings in which the said second shaft is carried and in which this shaft can be moved in the direction of its axis so as to cause one or the other of the bevel wheels thereon to engage with the bevel pinion on the driving shaft, a sleeve mounted adjacent to one end of said second shaft so as to be rotatable thereon but not to be axially movable relatively thereto, a screwthread on this sleeve, a second outer sleeve engaging the screwthread on the first sleeve and means for rotating this outer sleeve so as to move the first sleeve and hence the said second shaft to which it is connected in the direction of its axis as set forth.

1,619,703. POWER-TRANSMISSION MECHANISM. ALAN ERNEST LEOFRIC CHORLTON, London, England. Filed Nov. 28, 1924. Serial No. 752,748. 18 Claims. (Cl. 74—34.)



1. In a power transmission mechanism the combination of a driving member, a driven member, a variable driving connection between these two members, a fluid pressure system for controlling the variable driving connection, a device connected to one of the members comprising two flexibly connected parts between which relative movement is produced by variations in the torque transmitted through the member to which the device is connected irrespective of the speed of such member, and means whereby such relative movement acts on the fluid pressure system and thereby controls the variable driving connection.

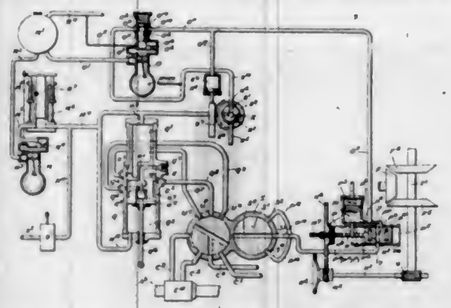
1,619,704. INTERNAL-COMBUSTION-ENGINE LOCOMOTIVE. ALAN ERNEST LEOFRIC CHORLTON, London, England, assignor of one-half to William Beardmore, London, England. Filed Jan. 5, 1925, Serial No. 657, and in Canada Nov. 29, 1923. Renewed Jan. 15, 1927. 25 Claims. (Cl. 303—21.)



1. In an internal combustion engine locomotive, the combination of a variable speed gear, a fluid pressure system for controlling the gear ratio of the variable speed gear, and means whereby the fluid pressure system is controlled partly by hand and partly automatically in accordance with the road speed of the locomotive.

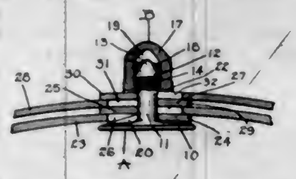
1,619,705. INTERNAL-COMBUSTION-ENGINE LOCOMOTIVE. ALAN ERNEST LEOFRIC CHORLTON, London, England. Filed Feb. 11, 1925, Serial No. 8,591, and in Canada Nov. 29, 1923. 38 Claims. (Cl. 105—62.)

1. An internal combustion engine locomotive, comprising an internal combustion engine of the heavy oil type, an epicyclic variable speed gear, a plurality of plate clutches operative to control the gear ratio of the variable speed gear, a bevel reversing mechanism so connected to the gear that the full range of speeds of the gear is available either in the forward or in the reverse direction of motion, a set of coupled track wheels, means for transmitting the drive from the internal combustion



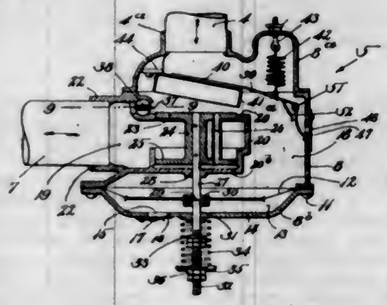
engine through the variable speed gear and the reversing mechanism to the track wheels, and a fluid pressure system for controlling the plate clutches of the gear.

1,619,706. COLLAR BUTTON. ERWIN FREDRICK COATES, St. Paul, Minn. Filed Jan. 8, 1926. Serial No. 79,989. 4 Claims. (Cl. 24—105.)



1. A collar button comprising a flanged back, a shank issuing outwardly therefrom, an elongated head formed at the end of said shank terminating in a conical shaped point, said head being of a diameter slightly greater than that of said shank and forming a shoulder therewith, threads formed on said shank commencing at the larger end of said point and extending to said shoulder, the external diameter of said threads being equal to that of the largest portion of said point and a cap adapted to be screwed on said threads.

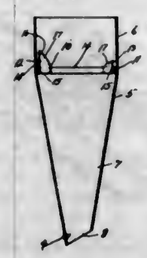
1,619,707. POWER-CONTROL DEVICE FOR PNEUMATIC-DISPATCH SYSTEMS. JAMES T. COWLEY, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a Corporation of Massachusetts. Filed Mar. 4, 1926. Serial No. 92,182. 44 Claims. (Cl. 243—9.)



1. Power control apparatus for a pneumatic dispatch system of the minimum flow type having a transmission tube, said apparatus comprising a pair of independent

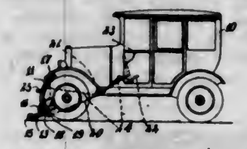
controlling devices for cutting off carrier impelling air flow through the transmission tube, one of said devices normally being so disposed as to cut off carrier impelling air flow, but opening in response to the introduction of a single carrier into the transmission tube, and the other of said devices normally being open but closing in response to delivery of the last carrier from the tube.

1,619,708. COMBINED RECEPTACLE OPENER AND FLUID CONDUCTOR. HERMAN T. DIETRICK, Philadelphia, Pa. Filed Oct. 28, 1925. Serial No. 65,329. 3 Claims. (Cl. 226—29.)



3. The combination with a substantially funnel-shaped device having a cylindrical portion formed at its larger end, of can-opening devices with the cylindrical portion of the device, and a ring within the cylindrical portion supporting the can-opening devices from the line of intersection between the cylinder and funnel-shaped portions of the device.

1,619,709. AUTOMOBILE SAFETY ATTACHMENT. MARIA DOUJAK, New York, N. Y. Filed July 26, 1926. Serial No. 124,908. 3 Claims. (Cl. 293—34.)



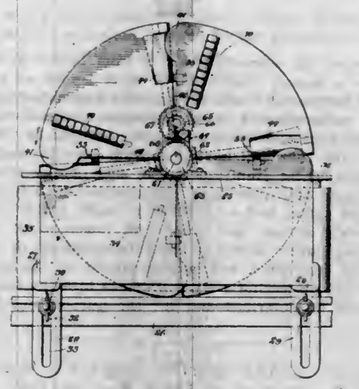
1. A device of the class described, comprising frame members, a screen between said frame members, a fender pivotally connected to said frame members, rollers rotatably fastened to said fender, a segmental gear meshing with said gear, said segmental gear being rotatably supported by brackets depending from said frame members, a lever depending from said segmental gear, a cord attached at one end to said lever, a hand lever pivotally mounted to the floor of the vehicle, the free end of said cord being attached to said hand lever, a latch device pivotally connected to said frame members, a cord attached to said latch device, a foot pedal pivotally mounted to the floor of the vehicle, and the free end of said second mentioned cord being attached to said foot pedal.

1,619,710. DUST CAP. WILLIAM F. DURYEA, Hackensack, N. J. Filed Dec. 28, 1925. Serial No. 77,909. 1 Claim. (Cl. 152—12.)



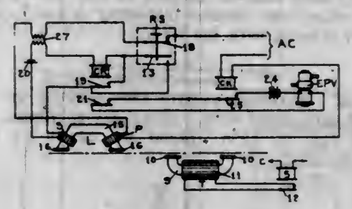
The combination with a cylindrical dust cap having a plurality of longitudinally extending alternate ribs and grooves at its interior, of a member disposed within the dust cap, including a split spring ring portion frictionally engaging the ribs, and a plurality of spring fingers integral with the ring portion adapted for selective disposition either against the ribs or in the grooves, whereby the fingers may snugly engage a plurality of sizes of valve stems.

1,619,711. APPARATUS FOR FEEDING FOLDED PAPER TUBES OR THE LIKE. ELMER ENGSTROM, South Windham, Conn. Filed Apr. 27, 1926. Serial No. 105,023. 9 Claims. (Cl. 271—29.)



1. A paper sheet feeding mechanism including a rotating turntable, a frame arranged above the turntable and laterally supporting a stack of sheets which rest on the turntable, said turntable having a radial slot therein, a separating tongue at the following edge of the slot, and roller means operating at the surface speed of the turntable for drawing the corner of the lowermost sheet downwardly under the separating tongue.

1,619,712. INTERMITTENT INDUCTIVE TRAIN CONTROL. CHARLES F. EASTWICK, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Filed Apr. 8, 1925. Serial No. 21,551. 7 Claims. (Cl. 246—63.)



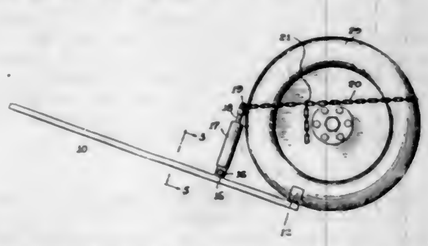
1. Influence communicating means for automatic train control systems of the intermittent inductive type, comprising a car-carried influence receiving element including a core of laminated magnetic material of general inverted U-shape having a primary coil on one leg and a secondary coil on the other leg, a stick relay, an alternating current source of energy for energizing said primary coil, a direct current source of energy, a secondary circuit including in series said secondary coil, said stick relay and said source of direct current, trackway means for effecting an inductive coupling between said primary and said secondary coil under predetermined traffic conditions ahead, and separate car-carried means for inductively coupling said secondary and said primary circuit.

1,619,713. TRAP DEVICE FOR SEPARATING WATER FROM PETROL. NORMAN ALFRED FREAN, Mount Barker, South Australia, Australia. Filed July 7, 1926, Serial No. 121,016, and in Australia Oct. 28, 1925. 1 Claim. (Cl. 210—57.)



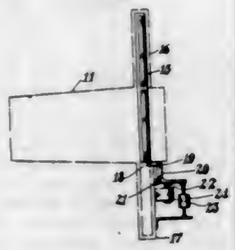
A device for separating water from petrol in its passage to a motor, comprising a short length of tube arranged horizontally and having inlet and outlet openings at its ends adapted to be connected respectively with a supply pipe and a motor, a sump secured to the under side of the tube and having a drain plug in its bottom, pipes projecting from the under side of the tubes into the sump, and providing communication between the tube and sump, and a plurality of baffle plates arranged alternately across the upper and lower parts of said tube, the lower baffle plates corresponding in number with the said pipes and each arranged at the center of a pipe and projecting a short distance into the same, substantially as described and for the purpose set forth.

1,619,714. BRAKE-TESTING DEVICE. WALTER L. FRY, New York, N. Y. Filed Sept. 23, 1925. Serial No. 58,091. 2 Claims. (Cl. 265—1.)



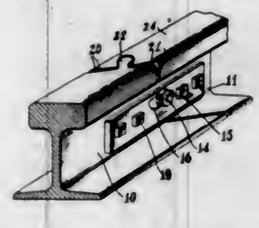
1. A brake testing device comprising a lever adapted to fulcrum against the periphery of a wheel, a flexible and adjustable element adapted to loop over a portion of the wheel, and tension indicating means connecting the said element with the lever.

1,619,715. PHOTOGRAPHIC APPARATUS TO IDENTIFY HOLDUP MEN. JOHN GAGL, Bronx, N. Y. Filed Apr. 14, 1925. Serial No. 22,949. 3 Claims. (Cl. 67—31.)



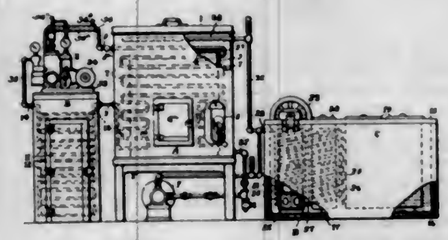
1. In a device of the class described, a camera arranged to accommodate a vertically shiftable plate holder adapted to carry a pair of plates, a bolt holding said plate holder in raised position, a receptacle for a flashlight powder, a sparkplug therein, a shutter-operating lever, an electro-magnet for moving said lever in one direction, an electro-magnet for releasing said bolt, and a switch controlling said electro-magnets and sparkplug.

1,619,716. RAIL JOINT. GYULA GÁL, Szeged, Hungary, assignor of one-half to Balint Gellen, New Brunswick, N. J. Filed May 13, 1926. Serial No. 108,824. 3 Claims. (Cl. 238—235.)



1. A rail joint comprising diagonally cut rail ends, one of the said rails provided with a central protruding portion having an enlarged circular extremity to engage an aperture cut in a second rail, between diagonal cuts at the edges of its extremity, said projecting portion being provided at the upper portion of the rail, and a block adapted to be inserted between said rail ends to engage the lower surface of said projection, said block being removable.

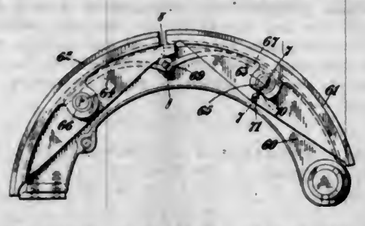
1,619,717. MANUFACTURING, HARDENING, STORING, AND DISPENSING PLANT FOR ICE CREAM AND OTHER FROZEN FOOD PRODUCTS. RALPH W. GEARHART, Clearfield, Pa., assignor to Gearhart Sales Cabinet Co. Inc., Clearfield, Pa., a Corporation of Delaware. Filed May 22, 1925. Serial No. 32,067. 7 Claims. (Cl. 62—101.)



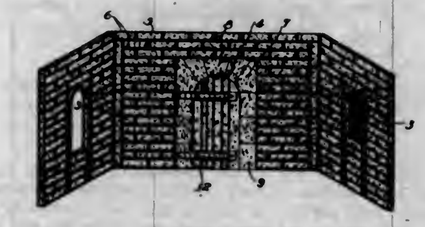
1. In a unitary apparatus for the purpose described, the combination of a pair of cabinets, one of said cabinets being provided with a bath of brine, a brine coil in said bath, an expansion coil in the other cabinet, a compressor-condenser mechanism in circuit with the expansion coil, a pump having its discharge connected to one end of said brine coil, and means interposed between the other end of said brine coil and the intake of said pump whereby the brine for said brine coil is refrigerated by said expansion coil.

1,619,718. BRAKING MECHANISM. ALBERT HENRY GODFREY GIRLING, Harlow, England. Filed Aug. 18, 1926, Serial No. 129,950, and in Great Britain May 12, 1925. 12 Claims. (Cl. 188—78.)

1. In an expanding brake of the character described, the combination with a lever mounted to rock towards and away from a member to be braked, and means for rocking the lever, of brake shoes so movably supported in tandem on said lever that when one end of either shoe moves away from its supporting lever and towards the member to be braked, the other end of the same shoe, respectively, can move towards its supporting lever and away from the member to be braked.

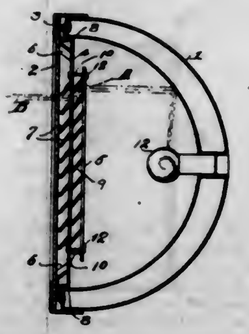


1,619,719. DISPLAY BACKGROUND. MATTHEW S. GOLDMAN and ERNEST W. HUTTIG, Pittsburgh, Pa., assignors to McCallum Decorative Corporation, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 7, 1926. Serial No. 107,499. 6 Claims. (Cl. 272—11.)



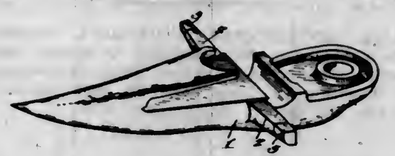
1. A display background comprising a supporting frame structure, and composition cork material attached to said frame, said cork material being shaped and assembled to resemble masonry.

1,619,720. ANTIGLARE ATTACHMENT FOR HEADLIGHTS. HARRY L. GORDON, New York, N. Y. Filed Feb. 27, 1926. Serial No. 91,135. 3 Claims. (Cl. 240—48.4.)



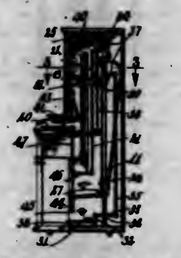
1. In a device of the class described, the combination of a front plate provided with outwardly extending spacing fingers, said front plate provided with anchoring prongs and with slats, said front plate provided with tongue receiving apertures, a back plate provided with slats positioned parallel to the slats of the front plate, and spacing elements on the back plate and provided with tongues extending through the tongue receiving apertures of the front plate and bent back upon said front plate.

1,619,721. REPAIR GUARD FOR MOWERS AND THE LIKE. SIEGFRIED W. GREGERSEN, Crookston, Nebr. Filed June 3, 1925. Serial No. 34,588. 2 Claims. (Cl. 56—307.)



1. A sickle bar replacement guard having lateral arms, and terminal extensions secured to the extremities of the arms and in continuation thereof.

1,619,722. CONTINUOUSLY-SOUNDING PIANO DEVICE. JACOB B. GRINOCH and SIMON GRINOCH, Bronx, N. Y. Filed Dec. 18, 1925. Serial No. 76,157. 5 Claims. (Cl. 84—257.)



5. In a musical instrument with sonorous strings, a band-bow with means for a continuous motion engageable with the said strings, means for guiding said band-bow comprising rollers placed behind said band-bow and straddling said strings, said rollers being supported by shafts having bearings in the body of the said musical instrument, an idler wheel, tension adjustment for said band-bow comprising means for changing the position of said idler wheel, positioning means for said strings characterized by operating rods, upright rods, cross arms, bell cranks, springs, substantially as set forth, and a rosin member engageable with said band-bow actuated by a foot lever.

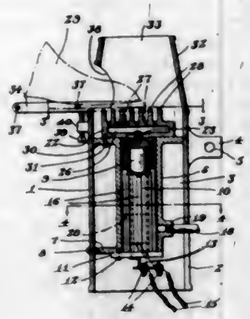
1,619,723. TOY STOVE. JOHN H. HABTMAN, Lancaster, Pa., assignor to The Hubley Manufacturing Co., Lancaster, Pa., a Corporation of Pennsylvania. Filed Aug. 7, 1926. Serial No. 127,879. 7 Claims. (Cl. 46—37.)



1. In combination with a toy range having an imitation grate, a subjacent member carrying upstanding projec-

tions in imitation of flame jets normally below but adapted to be raised so as to protrude up through the grate, and means for raising and lowering said member.

1,619,724. SHOE-TEMPERING MACHINE. DONALD B. HEATH, Whitman, Mass., assignor to Boston Electric Heating Corporation, Whitman, Mass., a Corporation of Massachusetts. Filed May 25, 1926. Serial No. 111,620. 3 Claims. (Cl. 12—1.)



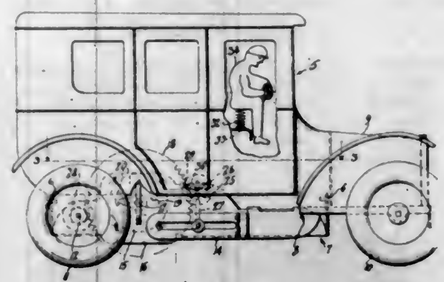
1. Apparatus of the kind described, comprising an annular cabinet, a steam generating chamber affixed to the interior of said cabinet, means to maintain a predetermined water level in said steam generating chamber, a heating unit contained in a casing in said steam generating chamber, said casing having a plurality of webs for increased heat radiation, a distributing head secured to said steam generating chamber, means to limit the volume of steam passing to said distributing head, a plurality of ribs on said head, perforations between said ribs, said cabinet being formed at its uppermost portion as a truncated cone, adjustable shoe supporting means and an opening through which the shoe to be steamed may be inserted into the path of the steam.

1,619,725. COMBINATION FOOT REST AND ROBE CONTAINER. EARL R. HELLER, Wapwallopen, Pa. Filed Apr. 23, 1923. Serial No. 634,146. 1 Claim. (Cl. 296—75.)



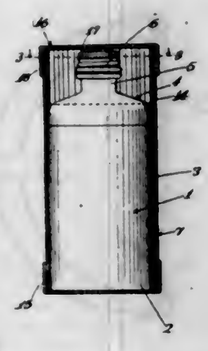
A device for the purpose set forth, comprising side plates which are hingedly supported, each of said plates having its free portion widened to provide a rounded outer end and an inner flanged edge, both of which are flanged inwardly, a split tubular body received in the flanges of the sides, said body having an angle portion designed to align with he angle edges of the sides, removable securing means passing through the sides for sustaining the split tubular body thereon, said body designed for the reception of a lap robe whose end projects through the split portion thereof, and the body as a whole susceptible for swinging to provide a foot rest when the lap robe is not in use and likewise susceptible for swinging away to a second position to permit of the angle face of the body serving as a foot rest and to likewise permit of the withdrawing of the robe from the body.

1,619,726. MECHANICAL AUTOMOBILE TOY. DAVID HEYMAN, Newark, N. J. Filed Nov. 14, 1925. Serial No. 68,972. 13 Claims. (Cl. 46—45.)



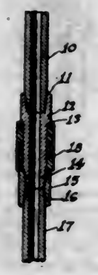
1. In a toy of the nature described, a fowardly disposed hood portion, a body portion pivotally associated with the hood portion, an arm on said hood portion having a slot therein and means operating within the slot of said arm to oscillate the hood in an up and down direction.

1,619,727. CONTAINER. ROLO D. HILL, Los Angeles, Calif., assignor of one-half to Nella H. Hill, Los Angeles, Calif. Filed Mar. 22, 1926. Serial No. 96,557. 5 Claims. (Cl. 206—46.)



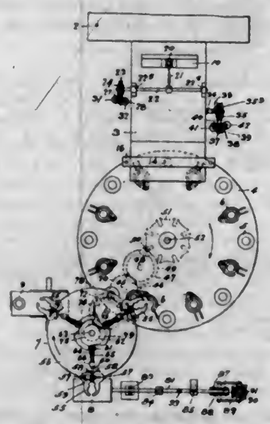
1. In combination a bottle or other receptacle, a container formed of a wrapping of a plurality of sheets, said sheets being in the form of a circular or pamphlet, the edge of one of the sheets being cemented to the outside of the container, and caps secured on opposite ends of the wrapped circular or pamphlet forming end closures.

1,619,728. CUSHION JOINT FOR ROTARY DRILL PIPES. ARTHUR C. HOPKINS, Compton, Calif., assignor to U. S. Tool Co., a Corporation of California. Filed Feb. 4, 1924. Serial No. 690,507. 6 Claims. (Cl. 308—4.)



1. A string of rotary drill pipe in a hydraulic rotary well drilling apparatus, comprising a plurality of pipe sections, couplings uniting said sections at different points along the string, and resilient cushions mounted on and held by said couplings.

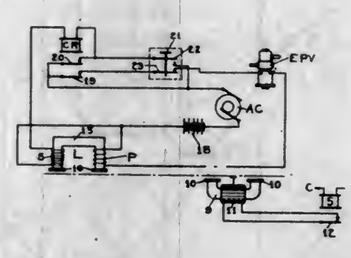
1,619,729. REGULATION OF GLASS FEEDERS. GEORGE E. HOWARD, Butler, Pa. Filed June 9, 1923. Serial No. 644,391. 25 Claims. (Cl. 49—5.)



1. The method of regulating the weight of mold-charges delivered by a glass feeder that comprises periodically weighing one of the articles formed from mold-charges delivered by said feeder, and varying the rate at which glass is delivered by said feeder in automatic response to substantial variation of said article from the normal weight of said articles.

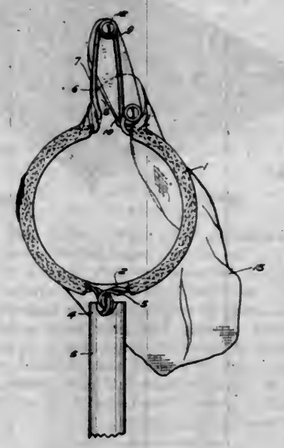
1,619,730. INTERMITTENT-INDUCTIVE TRAIN CONTROL. WINTHROP K. HOWE, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Filed Apr. 8, 1925. Serial No. 21,597. 11 Claims. (Cl. 246—63.)

1. Influence communicating means for automatic train control systems of the intermittent inductive type comprising, a car element having a primary and a secondary coil thereon, a direct current and an alternating current source of energy connected in series for energizing said primary coil, a secondary influence receiving coil, and means governed in accordance with traffic conditions



ahead for causing the induction of a voltage in said receiving coil in response to flux emitted from said primary coil, whereby voltage is induced in the secondary coil by constant flux and movement of the vehicle by said means or is induced by varying flux alone.

1,619,731. FRUIT PICKER. WILLIAM D. HUGHES, Miami, Fla. Filed June 18, 1924. Serial No. 720,823. 1 Claim. (Cl. 56—339.)

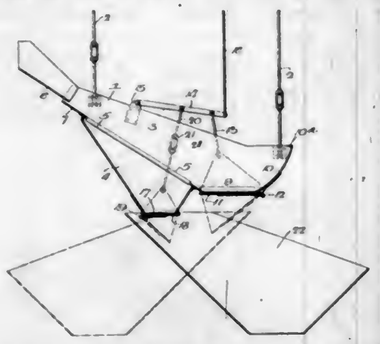


A fruit picker including a frame formed with a stem guiding channel comprising a pair of superposed wire loops of generally similar shape, a knife frictionally supported between said loops, the latter having coiled portions forming aligned rings, and securing means for said knife passing through said rings.

1,619,732. INSPECTION AND WEIGHING APPARATUS. GEORGE S. JAXON, Huntington, W. Va., assignor to Link-Belt Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 21, 1924. Serial No. 733,422. 3 Claims. (Cl. 209—255.)

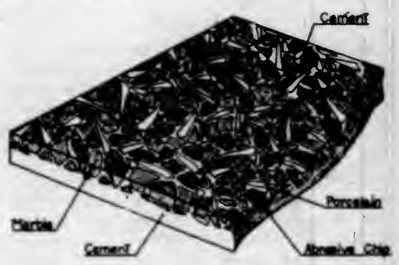
1. The combination in an inspection and weighing apparatus, of a pan; means for suspending the pan, said pan being made in two sections separated by an inclined screen, each section having a discharge opening, the open-

ing in the lower section being located directly in advance of the opening in the upper section; and a receiving hopper having an inclined portion over which the material



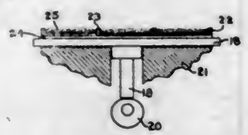
flows as it is discharged from the sections of the pan, the coal discharged from one section acting as a cushion for that discharged from the other section.

1,619,733. AGGREGATE-CEMENT TILE. GEORGE N. JEPPSON, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a Corporation of Massachusetts. Filed Nov. 28, 1922. Serial No. 603,805. 1 Claim. (Cl. 94—5.)



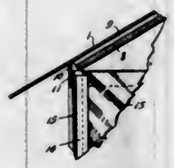
A tile comprising a precast cement body having embedded in its top surface aggregates of ceramic bonded abrasive grains interspersed with colored chips of vitrified ceramic material which are so arranged with the surrounding areas of cement that the aggregates will contact with and prevent foot gear from slipping thereon, the tile being dense and substantially non-absorbent of water and having a ground and polished surface made up largely of the aggregates and the ceramic chips which are adapted to receive substantially all of the wear and protect the surrounding cement.

1,619,734. TERRAZZO TILE AND METHOD OF MAKING THE SAME. GEORGE N. JEPPSON and CARL L. LEAFE, Worcester, Mass., assignors to Norton Company, Worcester, Mass., a Corporation of Massachusetts. Filed June 13, 1923. Serial No. 645,183. 5 Claims. (Cl. 18—60.)



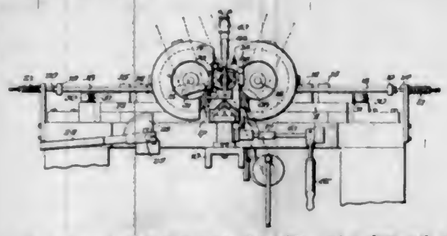
1. The method of making a terrazzo tile comprising the steps of wetting porous chips of bonded abrasive grains with water, mixing them with dry cement, and thereafter developing a desired moldability therein, shaping a tile therefrom and grinding off a layer from the tile to provide plane faces on the exposed chips.

1,619,735. COMBINED TOMB MARKER AND DECORATION CONTAINER. PERRY JOHNSON, Topeka, Kans. Filed Aug. 12, 1925. Serial No. 49,859. 1 Claim. (Cl. 47—19.)



A combined tomb marker and decoration container comprising a housing having transparent sides, a metallic framework for said transparent sides, a roof for said housing, said roof terminating in a ridge, hinge means connecting the sides of the roof with each other at the ridge whereby said sides may be swung in a vertical plane, a spaced insulation means for each of the roof sides open at top and bottom, said frame adjacent the upper edges of the housing sides provided with a plurality of ports in alignment with the space between the roof and the insulation means, said roof provided with a plurality of aligned ports adjacent said ridge and in alignment therewith, said last named ports communicating with the spaces between the roof and the insulation, a cresting adapted to be positioned over said ridge and last named ports, said cresting projecing a substantial distance above the ridge for forming a longitudinal air channel, said cresting extending for substantially the entire length of the roof, hinge means connecting one side of said cresting with one side of the roof, catch means carried by the other side of the roof for normally retaining said cresting in position, said cresting adapted to swing upwardly upon the raising of either side of the roof, said first and second named ports and said cresting adapted to provide an air circulating means for said roof.

1,619,736. GRINDING MACHINE. MICHAEL M. KAUFMANN, JOHN P. LYNN, and FRANK C. DELI, Chicago, Ill., assignors to Autopoint Company, Chicago, Ill., a Corporation of Illinois. Filed May 7, 1925. Serial No. 28,596. 9 Claims. (Cl. 51—89.)

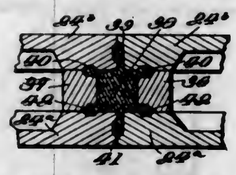


1. A machine for grinding the sides of polygonal objects, comprising, in combination, a bed, a pair of slides thereon, grinding wheels mounted on said slides, means for simultaneously moving said slides and grinding wheels toward and from each other, spindles for holding the work, means for effecting bodily reciprocation of said spindles and work laterally relative to the reciprocation of the slides, and means for rotating the spindles and work by a step by step movement.

1,619,737. PRECAST PLASTIC COMPOSITION STRUCTURAL PARTS AND MEANS FOR UNITING THE SAME. LOUIS CHARLES KRUMMEL, Brooklyn, N. Y. Filed Apr. 1, 1926. Serial No. 99,065. 3 Claims. (Cl. 72—29.)

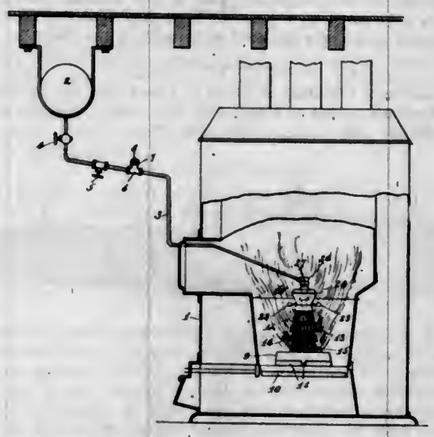
1. A joint construction comprising adjacent parts formed from a plastic composition, one of which is in the form of a plate having the front and rear faces thereof adjacent the ends disposed in parallel planes, and

the end walls disposed in planes substantially at right angles thereto, each of said parts having recesses in faces thereof disposed at an angle to each other, said



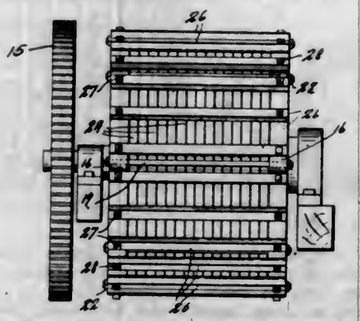
recesses being associated and connected so as to form channels, and a cementitious holding key in said channel and extending into said recesses from one angular face to the other.

1,619,738. OIL BURNER. HARRY ANTHONY LACERDA, Watervliet, N. Y. Filed Mar. 6, 1926. Serial No. 92,899. 3 Claims. (Cl. 158—91.)



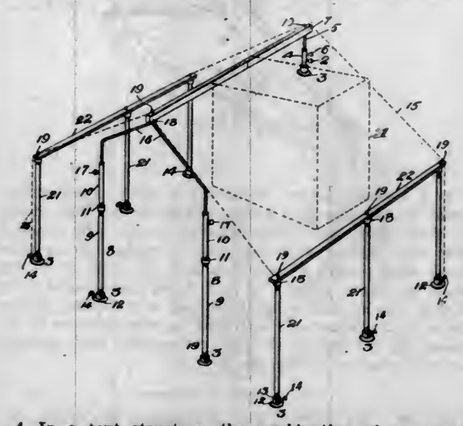
1. A burner, including a base member, a pile of superimposed bricks thereon, an open cap member on the upper brick, a deflector supported in said member, a discharge nozzle directing oil onto said deflector, the upper brick having a recess receiving the lower end of the deflector, the upper end of the deflector being of general mushroom shape, and outwardly projecting arms on the deflector and said cap member having slots therein receiving the arms.

1,619,739. ROLLER MILL. EDWARD FITZ-GERALD LAW, Reno, Nev., assignor to United States Engineering Company, a Corporation of Nevada. Filed Oct. 12, 1926. Serial No. 141,191. 5 Claims. (Cl. 83—9.)



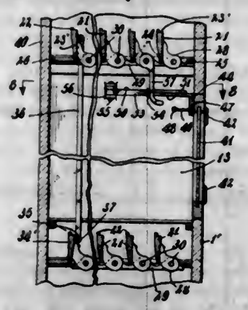
1. A roller mill including opposed heads, transversely extending bracket bars mounted between said heads and having flanges, and arcuate liner bars extending circumferentially of the barrel and having their ends resting upon and supported by said flanges, and having their inner faces flush with the inner faces of the bracket bars, there being a plurality of liner bars disposed side by side between the heads, the liner bars being adapted to be spaced from each other by means of shims inserted between the liner bars.

1,619,740. TENT STRUCTURE. THOMAS J. LONG and JAMES L. TUTTLE, Wellington, Kans. Filed June 21, 1926. Serial No. 117,461. 4 Claims. (Cl. 135—4.)



4. In a tent structure, the combination of a pair of vertical door standards, constituting a door opening of a tent, angle hip members having their lower ends slidably adjustable in the upper ends of said door standards, said hip members having their upper ends in engagement, an inverted cuplike cup encircling said upper ends and holding the same snugly together, a ridge pole supported at one end by said cap, and means supporting the other end of said ridge pole whereby canvas may be supported thereon.

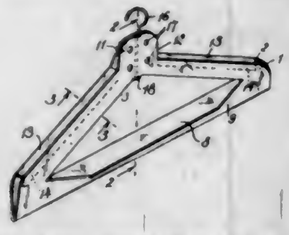
1,619,741. ICE-SAVING REFRIGERATOR. LOUIS LOWY, Bronx, N. Y. Filed Feb. 4, 1926. Serial No. 85,922. 2 Claims. (Cl. 62—48.)



1. In a device of the class described, having a door, for each provision compartment, the combination of a frame, a plurality of shutter elements pivotally mounted in said frame, a bracket attached to each of said shutter elements, said brackets being formed with yoke shaped extremities, a bar pivotally attached to said extremities, a lever depending from one of the shutter elements, a bell crank pivotally mounted to one wall of said compartment, one arm of said bell crank being abutable against said lever, the other arm of said bell crank being formed with a slot, a pin engaging said slot, an angle shaped member supporting said pin, a support hingedly connected to said angle member, said support being fastened to said

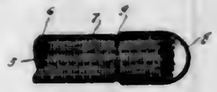
door, a curved member depending from said support, a lug depending from said angle shaped member, said curved member being slidably engaged in said lug, and said curved member being formed with a large extremity.

1,619,742. GARMENT HANGER. JAMES E. MATHEW, Brooklyn, N. Y. Filed Aug. 29, 1925. Serial No. 53,279. 4 Claims. (Cl. 223—66.)



1. A clothes hanger comprising a piece of sheet material having two open center triangular portions united at their bases and folded together along their common base line, one of said triangular portions having flaps along those edges corresponding with the arms of the triangle, at least a portion of each flap being adapted to be folded into a plane substantially at right angles to the plane of the hanger and said flaps and the openings in the triangular portions being corelated so that said openings are unobstructed by the flaps.

1,619,743. HAIR CURLER. KATHERINE MCCLAIRE, Chicago, Ill. Filed Aug. 22, 1923. Serial No. 658,679. 4 Claims. (Cl. 132—43.)



1. A hair curler comprising a central core of pliable metal; a covering for said core of relatively softer material; a fabric covering for said core covering; and metallic caps secured over the ends, the edges of said caps being turned inwardly and impressed into said core covering to form a resilient locking groove therein, substantially as described.

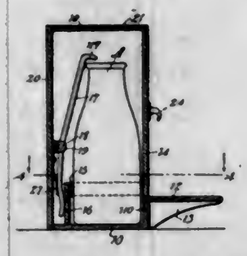
1,619,744. MECHANIC'S FISHING TOOL. PAUL J. MCCLOSKEY, Roselle, N. J. Filed Mar. 28, 1921, Serial No. 456,355. Renewed Feb. 10, 1926. 1 Claim. (Cl. 7—16.)



A tool for the purpose described comprising a pair of spaced elongated members, a transverse web secured to the inner faces of the members and extending the entire width thereof, the members at one side of the web being rectangular and in parallel relation with each other while the members at the opposite side of the web are somewhat longer and taper and converge toward their extremities, and a handle having a forked end which embraces the members and is pivotally secured to the said web.

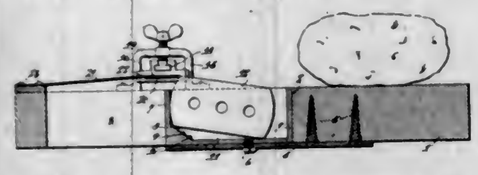
1,619,745. MILK-BOTTLE PROTECTOR. JAMES A. MCNAMARA, New York, N. Y. Filed June 17, 1926. Serial No. 116,068. 2 Claims. (Cl. 232—41.)

1. A milk bottle protector including a receptacle having a support at the front to receive a milk bottle and having an open front side above said support, and a panel movable from an outer position adjacent the outer edge of said support, to an inner position closing the front of said receptacle, said panel adapted to displace



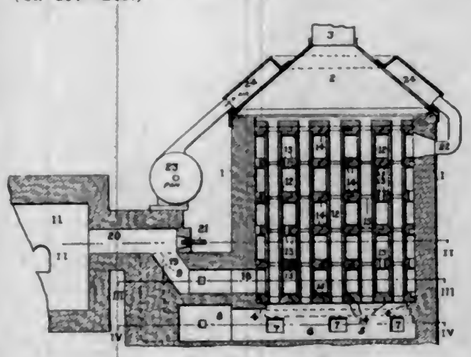
the milk bottle from said support and deposit it within the receptacle; together with a member below the front opening of the receptacle, and a stop element movable with said panel to a position to engage said front member and arrest the outward movement of the panel.

1,619,746. POTATO SLICER. FREDERICK H. MILLER, Portland, Oreg. Filed Feb. 26, 1926. Serial No. 90,825. 14 Claims. (Cl. 146—78.)



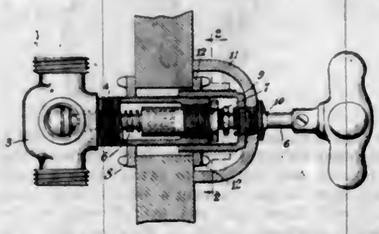
1. A device of the class described comprising a base board having a recess therein, a slicer unit removably mounted in the recess and having vertical slicing blades projecting above the top surface of the board, and a cross knife mounted upon the board in cooperative relation with the projected blades for traversing the slices made thereby.

1,619,747. RECUPERATOR. WILLIAM A. MORTON, Pittsburgh, Pa., assignor to The Amsler-Morton Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Aug. 25, 1925. Serial No. 52,336. 8 Claims. (Cl. 257—245.)



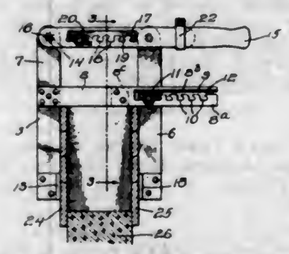
1. In a recuperator comprising a chamber inclosed by side walls, the combination of a plurality of spaced apart, vertically disposed waste gas flues formed of flue tile assembled in alined relation and interlocking flange-tile interposed between the alined flue-tile, the flange tile in the same horizontal plane interengaging to brace the flue-tile in proper position, flange-tile at the top and bottom of said flues forming air-tight floors between the parallel flues, and means for passing the air horizontally between said floors and in contact with the walls of the flue-tile.

1,619,748. VALVE CONSTRUCTION. CHARLES J. MUEND, Philadelphia, Pa., assignor to Haines, Jones & Cadbury Company, a Corporation of Pennsylvania. Filed Feb. 12, 1926. Serial No. 87,753. 3 Claims. (Cl. 251—155.)



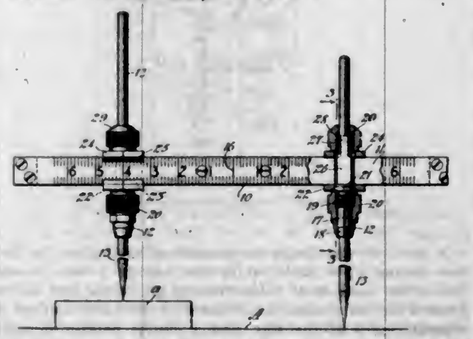
1. In a valve construction, a valve housing having a threaded cylindrical extension, a valve spindle operating therein, an interiorly and exteriorly threaded sleeve telescoping on said threaded cylindrical extension, a clamping nut threaded on said threaded cylindrical extension and a cooperating clamping nut threaded on the telescoping sleeve.

1,619,749. CLAMP. RICHARD MURRAY, New York, N. Y. Filed Jan. 29, 1926. Serial No. 84,581. 7 Claims. (Cl. 144—277.)



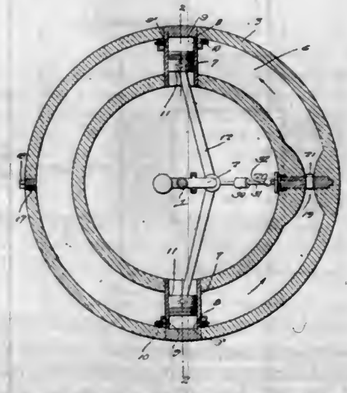
1. A clamp of the class described comprising two jaw parts, a member attached to one part and with which the other part is adjustably coupled, and means involving a lever and link lever construction independent of said member and pivotally connected to the separate jaw parts for moving said parts into predetermined position.

1,619,750. BEAM COMPASS. EMIL NELSON, Gary, Ind. Filed Apr. 16, 1926. Serial No. 102,513. 3 Claims. (Cl. 33—158.)



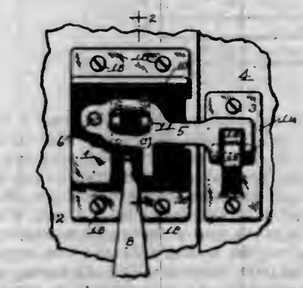
1. In a beam compass, a beam, and points disposed along said beam, and chucks for said points, longitudinally adjustable along the beam toward and from each other to vary the distance between the points, each of said chucks including a clamping terminal, a shank integral with the clamping terminal and adapted to receive a point, clamp members on said shank above and below the beam, and means to engage said clamp members firmly with the beam for holding the points in adjusted positions along the beam.

1,619,751. HYDRAULIC CLUTCH. VERNER A. NELSON, Lynden, Wash. Filed Apr. 21, 1926. Serial No. 103,580. 1 Claim. (Cl. 192—60.)



In a hydraulic clutch and in combination, a shaft adapted to be driven by a suitable motor and having a crank, a hollow rotor rotatable about said shaft and containing the crank thereof and having an oil race with a restricted portion, diametrically opposite piston cylinders intersecting said race and having opposite valve controlled ports, pistons movable in said cylinders and connected with the crank of said shaft, a valve of rotary type mounted to control the restricted portion of the oil race, a shaft fixed with respect to the rotor and alined with the first-named shaft, a member movable rectilinearly on said shaft, a rack bar connected with said member and movable in an aperture in one wall of the rotor, a shaft mounted within the rotor and having a spur gear meshed with said rack bar, and a shaft section journaled in the rotor and interposed between and connected with the shaft carrying the spur gear and the said rotary valve.

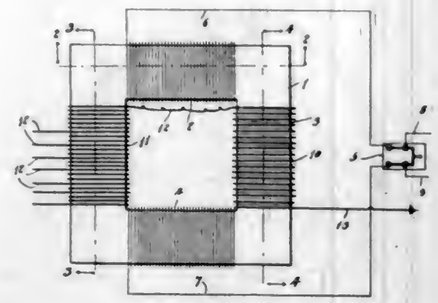
1,619,752. LATCH. ELMER C. OSBECK, Grand Rapids, Mich., assignor to Grand Rapids Brass Company, Grand Rapids, Mich., a Corporation of Michigan. Filed Nov. 23, 1925. Serial No. 70,733. 4 Claims. (Cl. 292—226.)



1. In combination with a keeper therefor, a door latch comprising a bolt adapted to latchingly engage the keeper; an operating handle movable to move the bolt to, and re-

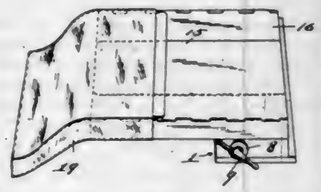
leasably hold the same in, partially retracted position and movable farther to move the bolt to retracted position, the bolt and handle having parts which mutually engage to hold the bolt in partially retracted position, the bolt being also movable from partially retracted held position to retracted position by striking the keeper in the closing movement of the door.
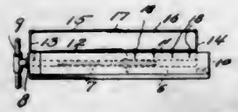
1,619,753. TRANSFORMER FOR ELECTRIC-ARC-WELDING APPARATUS. FREDERICK C. OWEN, Fayetteville, N. C. Filed July 26, 1924. Serial No. 728,447. 4 Claims. (Cl. 171—119.)



2. A transformer comprising a core providing a closed magnetic path, a primary coil distributed about the major portion of the core, a secondary coil on the minor portion of the core, and a second secondary coil connected to the first secondary coil and arranged on the major portion of the core.

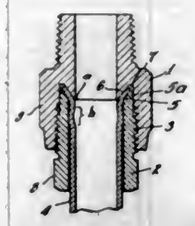
1,619,754. UPHOLSTERING DEVICE. JENS PAASKE, Clinton, Iowa. Filed May 7, 1924. Serial No. 711,740. 1 Claim. (Cl. 226—44.)





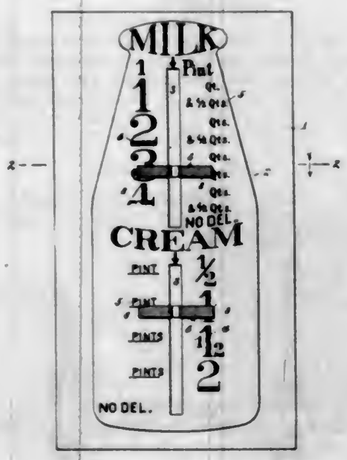
A portable upholstering device including a frame comprising fixed side and end members, a slide in said frame and movable from end to end thereof, said slide having a screw-threaded bore, a screw swivelled in one of the end members of said frame and engaging the bore of said slide, and a pair of pans each comprising a side, a bottom integral with said side and a top hinged to said side, one of said pans having its bottom secured to the upper part of said frame and the other of said pans having its bottom secured to said slide with its open side in telescopic relation to the open side of said first-named pan, said pans each having one end projecting beyond one side of said frame.

1,619,755. TUBE COUPLING. ARTHUR L. PARKER, Cleveland, Ohio. Filed Feb. 27, 1925. Serial No. 12,020. 5 Claims. (Cl. 285—124.)



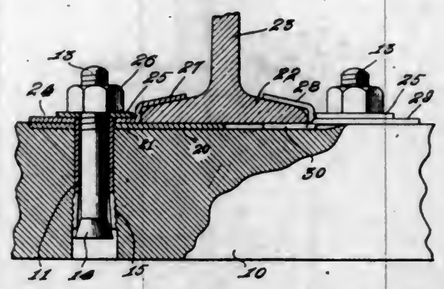
3. A tube coupling comprising cooperating male and female members threaded together, said female member having a tapered seat adapted to extend into a flared tube end, said male member having a tapered seat adapted to surround said flared tube end, said threads on the male and female members being so disposed that the seats are brought into contact with the flared tube end before the threaded portions having reached the limit of their threading movement, the portions of the male member and the portions of the female member carrying the tapered seats being dimensioned and positioned relative to each other and the tube end so that when the male member is threaded into said female member, said portions will yield, and the tapered seats be brought into intimate contact with the inner and outer faces of the flared end of the tube throughout substantially the entire length of the seats, said female member having a smooth cylindrical surface radially opposed to the tapered seat thereon throughout approximately the entire length of said tapered seat, and said male member having at the nose end thereof, a smooth cylindrical surface adapted to cooperate with said cylindrical surface on said female member.

1,619,756. MILK CARD. ANTON PEARSON and DAVID N. LINDQUIST, Lindsborg, Kans. Filed July 13, 1926. Serial No. 122,218. 1 Claim. (Cl. 146—135.)



A card of the character described having on its face the outline of a milk bottle and having a slot located within the confines of the outline of the bottle and having printed matter within the confines of the bottle outline at opposite sides of the slot, and a double pointer movable in the slot and adapted to register with the said printed matter.

1,619,757. LOCK BOLT. MILTON PELKEY, Milwaukee, Wis. Filed Aug. 2, 1926. Serial No. 126,558. 5 Claims. (Cl. 238—290.)

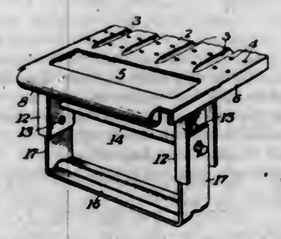


1. A locking device comprising a bolt, a split sleeve carried by the bolt, seat and gripping plates connected with one end of the bolt, and means provided at an appropriate point in the length of the bolt to cause the expansion of the sleeve in the anchoring of the bolt.

1,619,758. PROCESS OF MAKING MOLDED ARTICLES. CHARLES F. PETERSON, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Apr. 14, 1925, Serial No. 23,140. Renewed July 26, 1926. 8 Claims. (Cl. 18—55.)

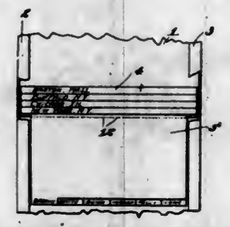
1. The method of making laminated mica articles with a binder of the glyptal class which consists in heating in a vacuum mica laminations containing said binder at a temperature sufficiently high to cause partial polymerization of said binder and thereupon continuing the polymerization under pressure.

1,619,759. PALLET. ROBERT V. PROCTOR and HARRY M. SCHAAR, Youngstown, Ohio, assignors to The Commercial Shearing & Stamping Company, Youngstown, Ohio, a Corporation of Ohio. Original application filed Mar. 31, 1925, Serial No. 19,008. Divided and this application filed Feb. 17, 1926. Serial No. 88,829. 7 Claims. (Cl. 34—17.)



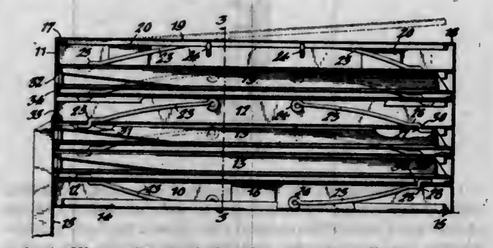
1. As an article of manufacture, a pallet comprising a metallic supporting body having at least one opening therethrough for the circulation of air, means for reinforcing said body to prevent bending thereof, and supporing legs projecting downwardly from said body, each of said pallets being provided with a portion depressed below the face of the pallet and adjacent each end thereof adapted to receive the leg of a pallet superimposed thereon, substantially as described.

1,619,760. INDEX ELEMENT. JAMES H. RAND, North Tonawanda, N. Y., assignor to Rand Kardex Bureau, Inc., Tonawanda, N. Y., a Corporation of Delaware. Filed Dec. 26, 1923. Serial No. 682,642. 4 Claims. (Cl. 129—16.7.)



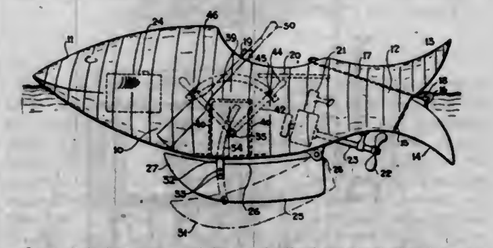
1. An index element comprising a transparent supporting sheath and a pad of superposed leaves having its upper margin enclosed within the sheath, a lower marginal portion of each leaf of the pad being provided with identifying indicia and indicia upon that portion of the pad disposed within the sheath.

1,619,761. FILING CABINET. BENJAMIN G. RAND, North Tonawanda, N. Y. Filed Mar. 19, 1924. Serial No. 700,250. 7 Claims. (Cl. 45—2.)



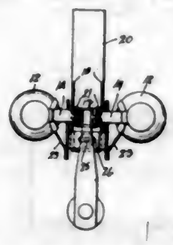
1. A filing cabinet of the character described, comprising a plurality of separable sections arranged in a vertical row, the side walls of the sections having inturned flanges, and detachable locking devices disposed lengthwise of the sections and occupying the spaces formed between the side walls thereof and their flanges, one end of each of said devices interlocking with the contiguous portions of adjoining sections, while the other end thereof engages under the flange of one of the sections.

1,619,762. FISH BOAT. ADOLF REINHART, Hoboken, N. J. Filed Mar. 26, 1926. Serial No. 97,496. 11 Claims. (Cl. 115—34.)



2. A fish boat comprising a hull shaped at the bow to represent the head of a fish, and having a stern shaped to represent the tail of a fish, and provided with an upper fin projecting therefrom, and a lower fin hinged to the said stern and provided with a tiller post attached thereto, and having a flexible member attached to a cross member of the said tiller post, as a means of steering the said fish boat, said fish boat provided with a gasoline motor operatively connected to a propeller wheel, as a means of propelling the said fish boat.

1,619,763. MOVABLE DOLL EYES. CHRISTIAN REINHARDT and BRUNO PELZ, New York, N. Y. Filed Mar. 27, 1926. Serial No. 97,843. 4 Claims. (Cl. 46—40.)



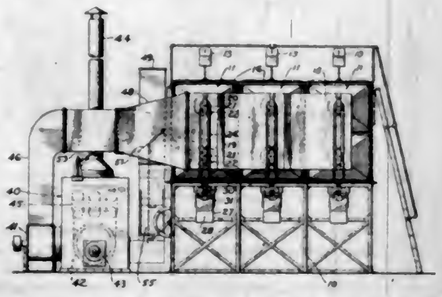
3. A movable eye mechanism for dolls, comprising a hanger, a carrier pivotally mounted on the hanger, a weighted arm loosely mounted in the carrier, a cupped friction spring bearing on each side of the hanger, and a pair of spherical eyes secured to the weighted arm and supported for rotation in the spring bearings.

1,619,764. FASTENING DEVICE. DANIEL I. REITER, New York, N. Y. Filed Aug. 16, 1926. Serial No. 129,535. 4 Claims. (Cl. 24—152.)



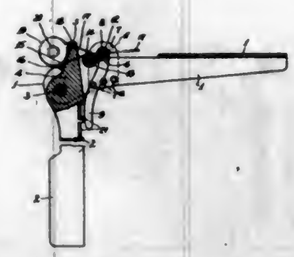
1. A fastening device of the class described including a pin portion adapted to penetrate and lie behind a piece of fabric to which the fastener is to be attached, a plate portion connected to the unpointed end of the pin and a separable fastener element carried by the plate portion, said plate portion adapted to overlie the outer face of the fabric, and a spur element associated with the plate portion for penetrating the fabric and coacting with the pin to prevent twisting or slipping of the plate, said spear and spur being integrally connected to the plate at diametrically opposed points and the spear being formed with a channelled portion to guide the bending of the spur.

1,619,765. DESICCATOR. GRAHAME B. RIDLEY, San Francisco, Calif., assignor to Edward B. Ward, San Francisco, Calif. Filed Oct. 22, 1924. Serial No. 745,103. 10 Claims. (Cl. 34—34.)



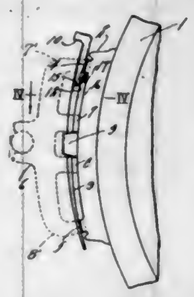
1. A desiccator comprising a bin adapted to receive material to be dehydrated at its top and to draw said material off therefrom at its bottom, means for creating a cross current of heated air through the bin, and means for optionally changing the direction of flow of said air current.

1,619,766. HOSE CLAMPING TOOL. JAMES PETER PAUL RIORDAN and WALTER MURRAY, Johannesburg, Transvaal, South Africa. Filed July 17, 1924, Serial No. 726,526, and in Union of South Africa July 20, 1923. 2 Claims. (Cl. 81—9.3.)



1. A tool of the kind described for securing clamping devices, comprising a lever bifurcated at one end, a second lever pivoted to said lever in the bifurcation and constructed with an extension beyond its pivot and having a groove in the extension, bearings at the sides of the bifurcated end of the lever, and a rotatable piece journalled in said bearings and formed between the bearings with a hole passing therethrough and constructed with a tail piece adapted to pass through the bifurcation in the lever and to be engaged by the second lever to rotate the rotatable piece in order to retain a wire while the levers are being closed or operated to strain the wire, as set forth.

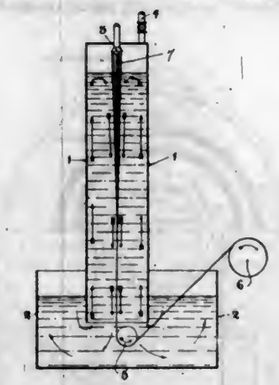
1,619,767. BRAKE-SHOE-KEY HOLDER. LYNN H. SANFORD, Toledo, Ohio, assignor of one-half to Charles L. Mann, Toledo, Ohio. Filed Nov. 2, 1925. Serial No. 66,230. 3 Claims. (Cl. 188—243.)



1. A brake shoe having an eye portion and a lug, a key having a wedge acting quill portion insertable through said eye portion, said key adjacent said lug terminating in a head and provided with a way in said quill portion, a pivot pin transversely of said way, and a trigger friction tight held in said way against shifting, mounted by said pin in said way and swingable by prying to project from said key.

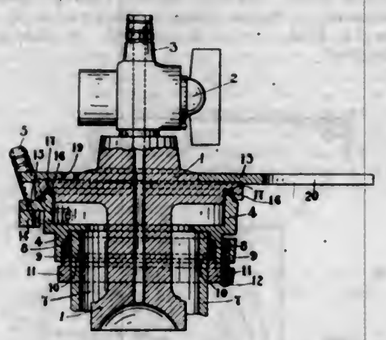
1,619,768. MANUFACTURE OF ARTIFICIAL SILK. FRIEDRICH WILHELM SCHUBERT, Apperley Bridge, near Bradford, England, assignor to Brysilka, Limited, Apperley Bridge, near Bradford, England. Filed June 21, 1926, Serial No. 117,533, and in Great Britain July 2, 1925. 2 Claims. (Cl. 18—54.)

1. A new and improved process of manufacturing artificial silk which consists in introducing a viscous solution filament into a spinning vessel containing a coagulating liquid, delivering the filament to a collecting device through an opened top trough into which the spinning vessel extends so that the coagulated liquid will be supplied to the spinning vessel through the bottom thereof by atmospheric pressure and in accordance with the drawing out of the filament and the speed of the



collecting device, the liquid being circulated due to the surface friction of the threads through the liquid in a direction opposite to the movement of the filaments.

1,619,769. APPARATUS FOR USE IN THE MANUFACTURE OF ARTIFICIAL SILK. FRIEDRICH WILHELM SCHUBERT, Apperley Bridge, near Bradford, England, assignor to Brysilka, Limited, Apperley Bridge, near Bradford, England. Filed June 21, 1926, Serial No. 117,535, and in Great Britain July 2, 1925. 4 Claims. (Cl. 18—8.)



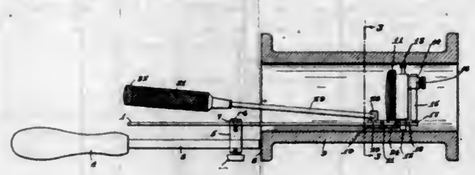
1. In an apparatus for the purpose described, the combination with a spinning vessel, of a suspending ring surrounding the upper end of said vessel, a spinneret top extending into said ring and over the upper edge thereof, a gasket interposed between said top and ring, and a locking plate adjustably supported on the top and provided with hook shaped members adapted to engage the ring to retain the top in position and clamp the gasket to provide a fluid tight joint between the ring and top.

1,619,770. DISPENSING CONTAINER. ROBERT STEWART, New York, N. Y. Filed Mar. 19, 1926. Serial No. 96,006. 6 Claims. (Cl. 215—73.)



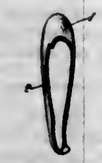
1. A container for liquids including a shiftable cap having an outlet opening therein, a compressible tube in the outlet opening, and means operable upon movement of the cap for pinching the tube to close the outlet.

1,619,771. CYLINDER GAUGE. LEONARD C. TINGLEY, Providence, R. I., assignor to Federal Products Corporation, Providence, R. I., a Corporation of Rhode Island. Filed Oct. 21, 1925. Serial No. 64,001. 6 Claims. (Cl. 33—178.)



1. A cylinder gauge of the kind described, comprising an elongated base adjustable to a fixed predetermined position within a cylinder, and an indicating gauge mounted on said base for reciprocation longitudinally thereof.

1,619,772. EAR PROTECTOR. ARTHUR A. THOMPSON, Oakland, Calif., assignor of one-half to Edward R. McGinnis, Oakland, Calif. Filed May 21, 1924. Serial No. 714,990. 2 Claims. (Cl. 132—45.)



2. An ear guard for barbering purposes impervious to barbering instruments of substantially oval shape, curved edges extending back from the face thereof, the whole forming a bowl-shaped chamber adapted to loop over a person's ear and form a protector against a sharp instrument.

1,619,773. SAFETY-TREAD UNIT. EDWARD VAN DER PYL, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a Corporation of Massachusetts. Filed Apr. 5, 1923. Serial No. 630,102. 3 Claims. (Cl. 20—79.)

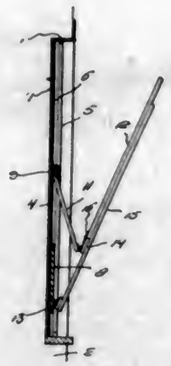


1. A safety tread unit comprising anti-slipping tiles of bonded abrasive grains partially imbedded in a plastic and deformable backing material which is not meltable under ordinary climatic conditions and is capable of adhering to and supporting the tiles and yet adapted to conform to slight irregularities in a substantially plane supporting surface and make a firm contact therewith so that the tiles may be supported on a good foundation through which shocks and vibrations are not easily transmitted and an open meshed reinforcement embedded in said backing and adapted to position and maintain the tread faces substantially in one plane.

1,619,774. IRONING-BOARD INSTALLMENT. LEO EDWARD WATTS, Amarillo, Tex. Filed Oct. 27, 1925. Serial No. 65,165. 2 Claims. (Cl. 68—10.)

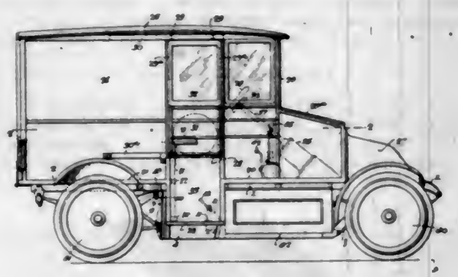
1. In means for the purpose described, the combination of a casing having vertical runways on the inner

sides of opposed walls thereof, a body disposed and movable in said runways, a stop for said body also movable in the runways and equipped with means for preventing



casual downward movement thereof, a board hingedly connected to said body, and a link hingedly connected at one end to the board and at the other end to said stop.

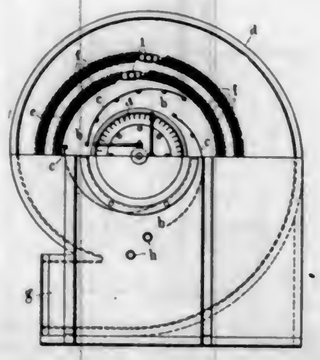
1,619,775. DELIVERY TRUCK. EDDY R. WHITNEY, Philadelphia, Pa., assignor to Commercial Truck Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Feb. 7, 1923. Serial No. 617,540. 3 Claims. (Cl. 280—2.)



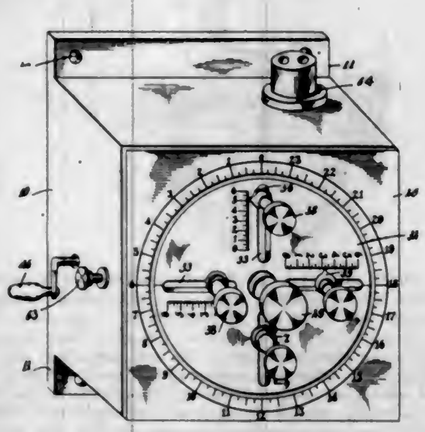
1. The combination in a motor vehicle of a main frame made in two sections, and a depression between the two sections of the frame forming a transverse passage; means for suspending the floor of said passage from the said main frame; and a battery carrier, the floor of which is attached at its inner end to the suspended floor atructure of the passage, while the forward end is suspended from the main frame.

1,619,776. HEAT-EXCHANGING APPARATUS. WALTER YATES and SYDNEY YATES, Swinton, near Manchester, England. Filed Feb. 13, 1924, Serial No. 692,553, and in Great Britain Jan. 18, 1924. 3 Claims. (Cl. 257—39.)

1. A heat exchanging apparatus comprising a fan casing, a fan rotor mounted therein, partitions about the rotor defining volutes therearound, each volute extending approximately a third of the distance about the rotor, air heating means disposed around said partitions including plates extending substantially parallel with the general direction of flow of the air from the rotor, said means being positioned eccentrically with respect to the peripheral wall of the casing so as to provide another volute through which the air passes prior to passing from the casing.

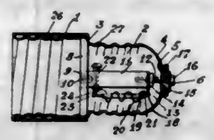


1,619,777. AUTOMATIC ELECTRIC TIME SWITCH. DESIDER ZORGO, Montreal, Quebec, Canada, assignor of four-tenths to Miklos Szakacs, Brooklyn, N. Y. Filed May 13, 1926. Serial No. 108,789. 8 Claims. (Cl. 200—35.)



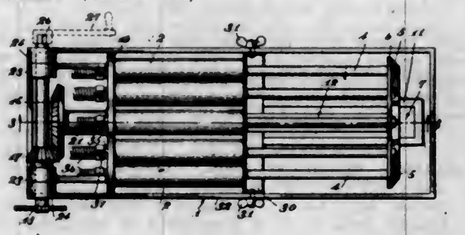
1. In a time switch, a time rotated dial formed of an insulated front member, and a conductive rear member, both members being provided with certain radial elongated slots, a time scale adjacent said slots, brushes slidable in said slots, and provided with pointers to said adjacent scale, a time sector cam element, provided with a rear insulation member, stationarily mounted behind said dial, said brushes engageable against said cam or against said insulation member, said cam being formed with a beveled vertically disposed portion to allow said brushes to ride from said rear insulation member onto said cam, the lower extremity of said beveled portion leading into a cam edge, and a stationary brush depending from said rear insulation member, and bearing against said conductive rear member of said dial.

1,619,778. FLASHING PLUG. NATHAN ABRAMSON, Brooklyn N. Y. Filed Mar. 6, 1926. Serial No. 92,863. 4 Claims. (Cl. 200—122.)



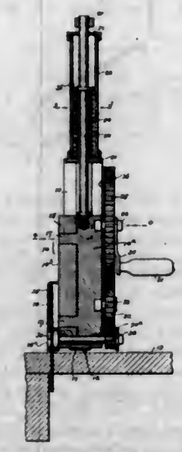
1. In a flashing plug, a supporting member, a means for electrical connection with a lamp arranged at one end of the supporting member, a thermostatic switch, an adjusting means in metallic contact with the first mentioned means and in close proximity to the thermostatic switch.

1,619,779. LUBRICATOR. MORTON LEE ADAMS, Seattle, Wash. Filed Sept. 27, 1924. Serial No. 740,361. 9 Claims. (Cl. 184—37.)



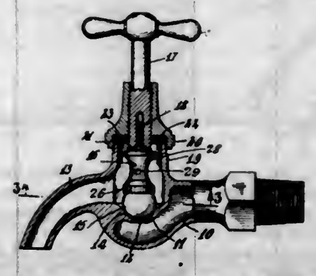
1. A pressure lubricator comprising a base, a lubricant cylinder mounted upon the base, a cross head slidable upon the base carrying a piston operable in the cylinder, driving means mounted upon the base having operative connection wtih the cross head for advancing it in one direction for forcing out lubricant, means by which reverse movement of the cross head is accomplished to back the piston out of the cylinder preparatory to refilling the cylinder with lubricant, and means providing a pivotal mounting permitting tilting the cylinders at an angle to the base to permit filling.

1,619,780. CIRCULAR SAW. FREDERICK W. ADLOF, New Brighton, Pa. Filed Feb. 19, 1926. Serial No. 89,390. 2 Claims. (Cl. 143—47.)



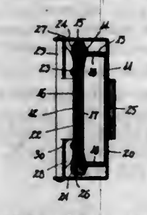
1. In a tool of the class described, a guide frame having teeth at one end thereof engageable with the surface of the material to be sawed, a saw carriage slidable in the guide frame, and normally spring retracted to retain the saw out of engagement with the work, a transverse shaft mounted in the carriage, and a disc saw carried by the shaft, traction means at the ends of the shaft adapted to engage the surface of the work before the carriage engages the end of its guideway, and means permitting retraction of the guide frame to disengage the teeth, whereby the tool may travel on the traction means.

1,619,781. COMPRESSION FAUCET. ERNEST M. ALFONZO, Brooklyn, N. Y. Filed Sept. 9, 1925. Serial No. 55,241. 1 Claim. (Cl. 251—139.)



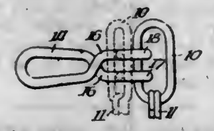
A compression cap for a device of the class described, comprising a member having a screw portion for attaching to a relatively stationary part at its upper end, and an aperture at its lower end, and another member having a shank at its upper end rotatably engageable in the said aperture of first mentioned member, said latter mentioned member having a concave base.

1,619,782. WATERPROOF CASE. FULGENCIO ARCHILA, Bogota, Colombia. Filed Apr. 23, 1926. Serial No. 104,213. 4 Claims. (Cl. 220—46.)



1. A case comprising a body, a cover having a marginal groove to accommodate the rim of the body, a gasket of normally flat material secured to the inner surface of the cover and having a free edge portion extending across said groove to be forced into said groove and partly around the rim of the body at the inner and outer sides thereof, and means for clamping said cover and body together.

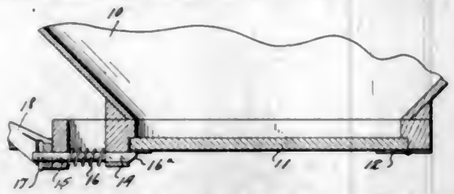
1,619,783. TIRE CHAIN. WILLIAM G. CHASE, Oak Park, Ill. Filed Feb. 5, 1925. Serial No. 6,947. 2 Claims. (Cl. 24—237.)



1. A cross chain for vehicle tire anti-skid chains having a terminal element consisting of rigid wire bent to form a loop, said loop being adapted to be connected to the cross chain and to lie flat on the tire, the wire extending from said loop being bent to form two substantially circular hooks arranged in parallel planes and placed coaxially

and facing in opposite directions, hooks being spaced apart a distance substantially equal to the diameter of the wire of a side chain link, said hooks being so arranged that they can only be applied and removed from a side chain link when the plane of that link is at substantially a right angle to the longitudinal axis of the terminal element.

1,619,784. DOOR FOR COTTONSEED BOXES. CHARLES B. COUNTS, Hampton, Ark., assignor of one-half to H. B. Easterling, Hampton, Ark. Filed May 8, 1926. Serial No. 107,829. 1 Claim. (Cl. 221—144.)

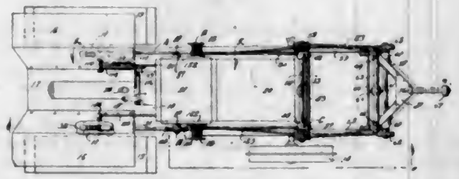


In a cotton gin, a seed box having a hopper-like bottom and a discharge opening, the opening being defined by a frame, the frame including two parallel members, a spring-projected latch having sliding engagement in the two parallel members and normally projecting into a position beyond the inner edge of the innermost member, a door hinged to said frame and having its free end normally engaged by the latch, a lever fulcrumed against the outermost of said parallel members and having its end bifurcated and operatively engaging the extremity of the latch, the lever projecting beyond the member upon which it is mounted and having means for holding it in operative position.

1,619,785. LINING MATERIAL FOR ALKALI-RECOVERY FURNACES. JAMES BEVERIDGE, Richmond, Va. Filed Nov. 7, 1925. Serial No. 67,674. 4 Claims. (Cl. 106—9.)

2. A lining material for alkali recovery furnaces consisting essentially of a concrete of soapstone in broken pieces and Portland cement, the proportion of soapstone exceeding the proportion of cement.

1,619,786. LOADER ATTACHMENT FOR TRACTORS. SIGURD E. ANDERSON, Des Moines, Iowa, assignor to New Monarch Machine & Stamping Company, Des Moines, Iowa. Filed May 24, 1926. Serial No. 111,265. 22 Claims. (Cl. 212—142.)

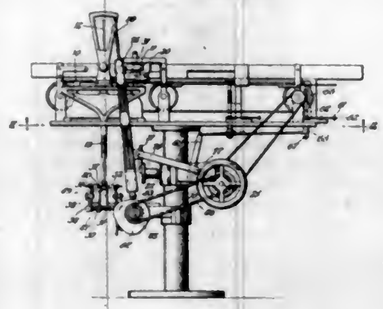


1. In combination with a tractor having a driving engine thereon, a U-shaped main frame having its side bars positioned along the sides of the tractor and having its connecting member positioned along the front of the tractor and having the free ends of said side bars secured to the tractor and a fitting mounted upon each side of the tractor near the forward end thereof and having portions received in recesses formed in the tractor and portions secured to said side bars,

---

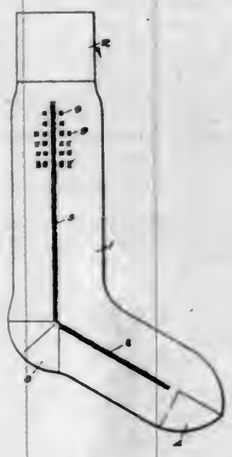
1,619,787. MACHINE FOR CHECKWEIGHING AND GRADING BY WEIGHT. EARL B. ELDER, Oak Park, Ill., assignor to Elder & Robinson Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 26, 1923. Serial No. 627,805. 36 Claims. (Cl. 209—121.)

1. In a machine for check-weighing and grading by weight, a stationary scale for weighing articles to be check-weighed, mechanism for feeding articles to the scale, means independent of the incoming article for removing all the articles from the scale over the same path after weighing, a single carrier for receiving all the articles



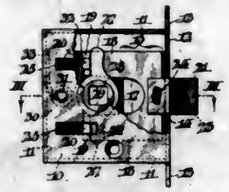
upon removal from the scale, and mechanism including said carrier controlled by this scale for sending the articles to different paths after leaving the scale, depending upon whether they are standard or underweight.

1,619,788. SEAMLESS KNIT, CLOCKED STOCKING AND METHOD OF MAKING SAME. CLARENCE H. TAUBEL, Riverside, N. J., assignor to Hemphill Company, Central Falls, R. I., a Corporation of Massachusetts. Filed July 29, 1926. Serial No. 125,660. 5 Claims. (Cl. 66—180.)



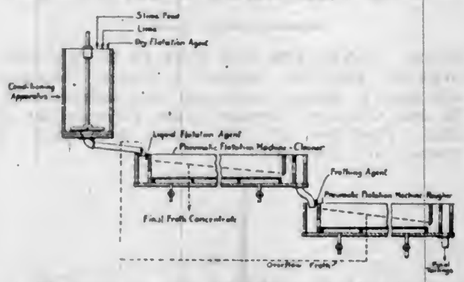
5. That method of knitting a circular knit or seamless stocking which includes supplying the main or body yarn, and at one of the clocking areas introducing a contrasting clocking yarn in such manner as to cause it to appear at the outer face of the stocking for the comparatively few wales embraced within the width of the clocking area at the point of introduction, then continuing the knitting with the main or body yarn but floating the said clocking yarn to the opposite clocking area and there causing said yarn to appear upon the outer face of the stocking to substantially the same extent as at the clocking area where first introduced, then floating said clocking yarn back to the first mentioned clocking area, and similarly there reintroducing the same, continuing this operation throughout the formation of the clocking areas, and removing the floating yarn or yarns from between the clocking areas.

1,619,789. LATCH. CLARENCE VOGT, Wenonah, N. J., assignor to Vogt Bros. & Squier Company, Philadelphia, Pa., a Corporation of Delaware. Filed Mar. 30, 1923. Serial No. 628,704. 6 Claims. (Cl. 292—169.)



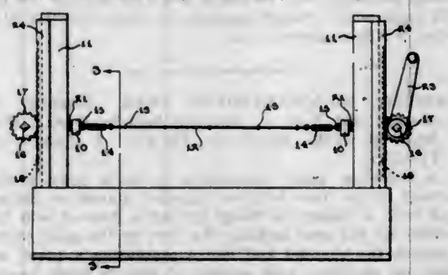
1. In a latch of the type described, the combination of a sheet metal casing having integral flanges and a slotted face plate, a latch member movable through the slotted face plate and provided with a forked extension having angled terminal ends slidable in parallel slots in the aforesaid casing, a sheet metal actuator journalled in the casing and having opposed wings operatively engaging the angled terminal ends, and a closure plate having an inwardly swaged flare concentric with the actuator hub.

1,619,790. CONCENTRATION OF SLIMES BY FLOTATION. GILBERT A. BRAGG, East Orange, N. J., assignor to Metals Recovery Company, New York, N. Y., a Corporation of Maine. Filed Sept. 28, 1926. Serial No. 138,180. 11 Claims. (Cl. 209—166.)



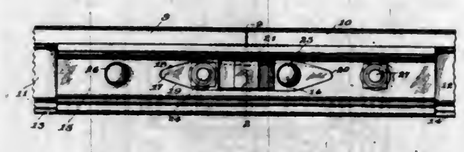
1. The improvement in the treatment by flotation of ore slimes in which the solid particles are for the most part of a size that will pass through 200 mesh which comprises subjecting the slime to violent agitation with lime for a sufficient length of time to condition the sulfide minerals in the slime for subsequent flotation, and then subjecting the so-conditioned slime to a pneumatic flotation operation in the presence of a non-oleaginous mineral-collecting agent.

1,619,791. GREENHOUSE PLANT-SUSPENSION FRAME. OSCAR G. FRITCH and JAMES E. FRITCH, Ashland, Nebr. Filed June 26, 1926. Serial No. 118,696. 5 Claims. (Cl. 47—44.)



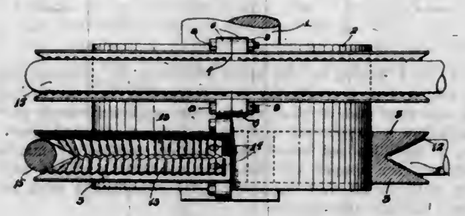
1. A plant supporting frame comprising opposed crossheads spanned by connecting wires and provided with tensioning springs connecting them with said wires, and means for elevating and lowering said cross-heads independently.

1,619,792. RAIL JOINT. WILLIAM DANIEL HUFF, Lafayette, La., assignor of one-half to John A. Gorr, Lafayette, La. Filed July 7, 1926. Serial No. 120,986. 3 Claims. (Cl. 238—260.)



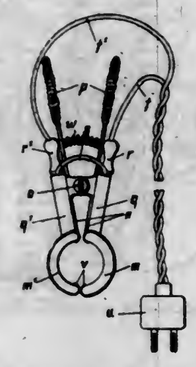
1. A rail joint construction comprising a splice bar having an opening therein with wedge-shaped end portions, and a wedge block fitted adjustably in said opening also having wedge shaped end portions.

1,619,793. WIRE LINE BELT GUIDE. HERBERT W. KERR, Augusta, Kans. Filed Feb. 24, 1925. Serial No. 11,312. 2 Claims. (Cl. 64—17.)



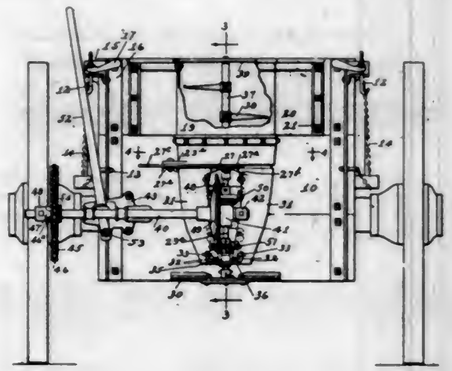
1. A replaceable wear element for a pulley provided with an annular groove of V-shaped cross section, consisting of a semi-circular plate conforming in curvature to the curve of the groove and of a width less than the depth of the groove, said plate being formed throughout with transverse corrugations and flaring throughout from its inner to its outer edge to have its inner face seated throughout against one wall of the groove, and spaced counter-sunk means for securing said plate against one of the walls of the groove.

1,619,794. PERMANENT-HAIR-WAVING APPLIANCE. JOSEF MAYER, Karlsbad, Czechoslovakia. Filed Mar. 19, 1925. Serial No. 16,784. 3 Claims. (Cl. 132—36.)



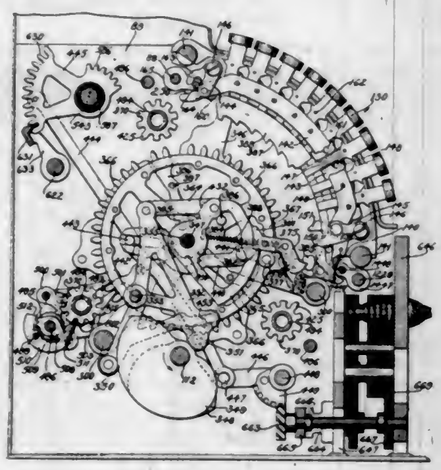
1. Permanent hair waving apparatus, including a heating apparatus comprising two semi-cylindrical electrically heated side members, spring means for pressing said members towards each other, arms carrying said side members and pivoted together, said arms having insulated handles, and insulating casings on the arms and having sockets for the plugs of the current supply wires.

1,619,795. FERTILIZER DISTRIBUTOR. LUTHER E. ROBY, Peoria, Ill. Filed Dec. 1, 1924. Serial No. 753,360. 2 Claims. (Cl. 275—8.)



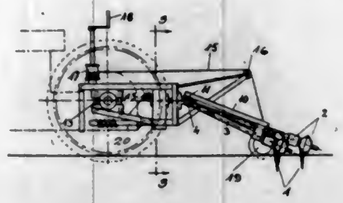
1. In a device of the class described, in combination, a wagon box, a scattering unit fashioned for attachment to the rear end of said wagon box, said scattering unit including a supporting portion, a hopper attached thereto, a fan disposed below said hopper, conducting means between the hopper and fan, said conducting means having both radial and circumferential adjustment with respect to said fan member.

1,619,796. CASH REGISTER. BERNIE M. SHIPLEY, Dayton, Ohio, assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a Corporation of Maryland. Filed Mar. 11, 1921. Serial No. 451,508. 73 Claims. (Cl. 235—3.)



1. In a machine of the class described, the combination of a main operating device, a totalizer, printing elements, indicating means, means for entering items in the totalizer for setting the printing elements and for setting the indicators corresponding to the items, indicator exposing means, total controlling mechanism, and means for disabling the indicator exposing means upon operation of said total controlling mechanism.

1,619,797. CULTIVATOR. JANNE MARTIKAINEN, Ryttyla, Finland, assignor to J. Alfred Anderson, Suffolk County, Mass. Filed Aug. 17, 1921. Serial No. 493,020. 1 Claim. (Cl. 97—38.)



A cultivator arranged to be connected to and operated by a tractor and comprising a frame arranged to be rigidly attached to the rear of a tractor; a second frame arranged to be pivotally mounted on said rigid frame; a plurality of shafts mounted in said second frame; a gear train mounted on said rigid frame and arranged to be driven by a worm shaft of said tractor, certain of the gears of said train having shafts rearwardly extending therefrom which have flexible coupling connection with the shafts mounted in said second frame whereby said pivoted frame and said shafts mounted therein may be raised and lowered, each of said shafts of said second frame having cutting heads mounted thereon.

1,619,798. CONTAINER FOR HAIR IN PERMANENT-WAVING PROCESS. WILBUR S. LEWIS, Cleveland, and JOHN C. MURRAY, Lakewood, Ohio, assignors to S. Le Mur Company, Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 28, 1925. Serial No. 12,288. 9 Claims. (Cl. 132—36.2.)

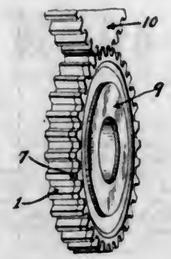


1. A wrapper for enclosing hair during the application of heat in forming permanent waves, comprising a casing including a sheet of soft pliable heat conducting metal, and a textile pad secured to said casing, said casing forming a self retaining seal intermediate the pad and scalp when crimped against the strand of hair after being wrapped therearound.

1,619,799. NONCHATTERING GEAR. CHARLES W. ROUNDS and JOHN C. ROUNDS, Seattle, Wash. Filed Sept. 23, 1924. Serial No. 739,315. 1 Claim. (Cl. 74—28.)

A noiseless gear, comprising a main gear section formed in one face with an annular concentric channel and with a concentric flange extending beyond said face axially of the gear section, the face of the gear section between the channel and flange presenting a plane surface, an auxiliary gear section of similar tooth number and pitch to the main gear section and formed with a central opening to fit over said flange, said auxiliary gear section bearing squarely on the plane surface of the main gear section and overlying and covering said channel, and a spring arranged in coils and having one

axially directed terminal extended in one direction and a diametrically opposed axially directed terminal extended in the opposite direction, said spring being seated in the channel with one terminal removably fitted in an opening in the base of the channel and the other terminal



removably fitted in an opening extending through the auxiliary gear section, a washer fitted over the flange and overlying and concealing the opening in the auxiliary gear section, and means cooperating with the flange to hold the parts in connected relation.

1,619,800. BUTTON AND FASTENER THEREFOR. HARRY R. LICHTENSTEIN, New York, N. Y., assignor to M. Lichtenstein & Bro., a Firm consisting of Marvin Lichtenstein, Long Beach, N. Y., and Harry R. Lichtenstein, New York, N. Y. Filed Aug. 28, 1926. Serial No. 132,206. 4 Claims. (Cl. 24—104.)



1. In a device of the class described, a button mold having an eye secured thereto and a separate fastener, said fastener having an opening through which said eye may pass, and a swingable latching member engageable with the eye, as well as a keeper to which said latch member engages.

Patents Nos. 1,619,801 to 1,620,619.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 356—No. 2. TUESDAY, MARCH 8, 1927. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.

CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

CONTENTS.

	Page.
Issue of March 8, 1927	245
Interference Notices	245
Notice of Cancellation	245
Notice—Changes in Patent Office Fees	245
Applications Under Examination	246
Commissioner's Decision—	
Victor Talking Machine Company v. The American Specialty Company	247
Decisions of the U. S. Courts—	
In re McClaire	248
Patent Suits	249
Adjudicated Patents	250
Adverse Decisions in Interference	250
Trade-Marks Published (272 Applications)	251
Trade-Mark Registrations Granted	289
Trade-Mark Registrations Renewed	302
Labels	307
Prints	308
Reissues	309
Designs	309
Patents Granted	325

Issue of March 8, 1927.

Trade-Marks	331—No.	224,790 to No.	225,120, inclusive.
T. M. Renewals	166		
Labels	23—No.	31,740 to No.	31,772, inclusive.
Prints	22—No.	9,587 to No.	9,608, inclusive.
Reissues	3—No.	16,567 to No.	16,569, inclusive.
Designs	77—No.	72,125 to No.	72,201, inclusive.
Patents	819—No.	1,619,801 to No.	1,620,619, inclusive.
Total	1,453		

Interference Notices.

U. S. Patent Office, *Washington, Feb. 21, 1927.*

Beyer Bros. Commission Co., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Corbin & Wiesmer, 17 Ferry Street, Binghamton, N. Y., for registration of a trade-mark and trade-mark registered February 6, 1917, No. 115,285, to Beyer Bros. Commission Co., 182 Duane Street, New York, N. Y., and a notice of such declaration sent by registered mail to said Beyer Bros. Commission Co. at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Beyer Bros. Commission Co., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. Patent Office, *Washington, Feb. 17, 1927.*

Deane's Coffee Shoppe, Inc., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Albert F. Multer, sr., 611 Chillicothe Street, Portsmouth, Ohio, for registration of a trade-mark and trade-mark registered February 10, 1925, No. 194,787, to Deane's Coffee Shoppe, Inc., 701 Smithfield Street, Pittsburgh, Pa., and a notice of such declaration sent by registered mail to said Deane's Coffee Shoppe, Inc., at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Deane's Coffee Shoppe, Inc., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Notice of Cancellation.

U. S. Patent Office, *Washington, Feb. 9, 1927.*

The Ohio Filler & Shield Co., its assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of The Ironsides Company, Columbus, Ohio, to effect the cancellation of the trade-mark registration of The Ohio Filler & Shield Co., Columbus, Ohio, No. 41,955, granted January 26, 1904. The Ironsides Company has placed of record an affidavit to the effect that a registered letter sent to The Ohio Filler & Shield Co. at its address of record has been returned by the post-office authorities with the remarks that said company is out of business, and that the president of said company, J. A. Mackin, 705 Gilbert Street, Columbus, Ohio, refuses to accept service of papers. In view of the foregoing, notice is hereby given that unless said The Ohio Filler & Shield Co., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

NOTICE—CHANGES IN PATENT OFFICE FEES—EFFECTIVE APRIL 14, 1927.

The act of Congress approved February 14, 1927, amends section 4934, Revised Statutes, so as to provide (except in design cases) a fee on filing each original application for a patent of $20 and of $1 for each claim in excess of twenty, and on issuing each original patent, of $20 and of $1 for each claim in excess of twenty.

The new rates are effective in connection with all applications filed on or after April 14, 1927, and all final fees paid on or after that date.

In every case which contains more than twenty claims, the payment after April 13, 1927, of a final fee of $20, or less than $20 plus $1 for each claim in excess of twenty, will not save the case from forfeiture.

Condition of Applications Under Examination at Close of Business February 25, 1927.

(Total number of applications awaiting action, excluding Trade-Mark Division, 54,720; Trade-Mark Division, 1,912. Oldest new case, July 12, 1926; oldest amended, July 17, 1926. The dates given are 1926 except where † indicates 1927.)

Room No.	Divisions, Examiners, and Subjects of Inventions.	Oldest new application awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders	Dec. 10	Dec. 14	432
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Nov. 2	Oct. 26	668
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Oct. 4	Oct. 1	1,465
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Sept. 30	Oct. 4	1,407
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters	Sept. 16	Sept. 16	905
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Sugar and Starch.	July 12	Aug. 16	1,988
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Sept. 20	Sept. 25	1,185
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Oct. 20	Nov. 2	1,564
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Dec. 18	Dec. 13	620
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops	Oct. 7	Oct. 18	1,167
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.	Nov. 22	Nov. 27	776
380	12. PIERCE, P. P., Machine Elements	Oct. 26	Oct. 28	981
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 22	Oct. 30	1,064
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 7	Sept. 24	1,021
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Oct. 27	Oct. 27	1,203
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Nov. 3	Nov. 16	714
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Sept. 13	Oct. 1	746
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 11	Aug. 13	975
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Nov. 9	Nov. 8	733
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Oct. 21	Oct. 19	879
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Sept. 28	Oct. 2	890
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 10	Oct. 2	815
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 25	Nov. 11	541
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 2	Sept. 4	936
314	25. LIGHTFOOT, J. H., Agitating, Butchering; Classifying Solids; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Oct. 14	Oct. 18	1,180
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 4	Sept. 23	853
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 9	Nov. 4	802
235	28. BENSON, A. R., Internal-Combustion Engines	Oct. 20	Nov. 9	1,055
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Sept. 20	Sept. 8	1,142
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Oct. 30	Dec. 1	890
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Oct. 11	Sept. 23	1,450
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Oct. 30	Nov. 1	581
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Nov. 24	Nov. 20	1,127
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders	Sept. 14	Oct. 1	754
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Dec. 1	Dec. 1	758
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Dec. 6	Dec. 7	700
224*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	Oct. 1	Oct. 1	1,401
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Sept. 1	Aug. 16	971
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Nov. 31	Nov. 30	411
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles	Oct. 28	Oct. 30	1,473
125	41. BROWN, J. L., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Nov. 26	Nov. 26	635
227*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Sept. 17	Sept. 16	1,427
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 15	Nov. 15	797
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Sept. 2	Sept. 9	1,256
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Nov. 15	Nov. 16	753
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Oct. 9	Oct. 11	929
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 5	Nov. 6	1,259
213*	48. ROEPKE, O. B., Electricity, General Applications	Sept. 3	Sept. 2	1,019
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.	Sept. 9	Sept. 20	956
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Nov. 1	Nov. 1	1,144
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission	Sept. 7	Sept. 9	1,233
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Oct. 15	Oct. 16	1,090
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Oct. 25	Oct. 21	809
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes	July 17	July 17	1,657
102	Designs: ———— (Acting)	†Jan. 26	†Feb. 11	513
163	Trade-Marks, Labels, and Prints: F. A. RICHMOND — Trade-Marks	†Jan. 24	†Feb. 11	1,748
	Labels and Prints	†Feb. 8	†Feb. 12	164

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

VICTOR TALKING MACHINE COMPANY *v.* THE AMERICAN SPECIALTY COMPANY.

Decided March 9, 1926.

1. TRADE-MARKS—OPPOSITION—ADOPTION OF OPPOSER'S IDENTICAL MARK—DOUBTS RESOLVED AGAINST NEWCOMER.

Where a company adopts and uses the identical trade-mark of the opposer company, which mark has been extensively advertised and is widely and favorably known as indicating the product of the latter company, the choosing of the mark of the opposer company must be regarded as an act performed for the purpose of obtaining some advantage from the opposer's expenditures and established goodwill, and all doubts should be resolved against the newcomer.

2. SAME — SAME — SAME — "ELECTROLA"—TALKING MACHINES—RADIO RECEIVING SETS—CONFUSION IN TRADE.

Where the opposer adopted its mark "Electrola" to distinguish the electrically-driven phonograph from the spring-driven type, where, prior to the adoption and use of the mark by the applicant, opposer put upon the market and sold phonograph machines of such a character that they could be equipped with radio receiving sets and employ the sound transmitting and amplifying devices as the loud-speaking elements of the radio receiver, and where opposer subsequently produced and put upon the market the complete dual mechanism including the phonograph and the radio receiving set, *Held* that confusion in trade would be probable if the applicant should be permitted to use the same mark upon its goods as the opposer uses upon its products.

APPEAL from Examiner of Interferences.

Opposition No. 5,967 to registration of trade-mark of The American Specialty Company for radio apparatus, application filed September 11, 1924, Serial No. 202,479, published November 18, 1924.

Messrs. Mauro, Cameron, Lewis & Kerkam for Victor Talking Machine Company.

Mr. D. Lewis Mattern for The American Specialty Company.

KINNAN, *First Assistant Commissioner:*

This case comes on for review, on appeal of the applicant, The American Specialty Company, of the decision of the Examiner of Trade-Mark Interferences sustaining the opposition filed by the Victor Talking Machine Company and adjudging the applicant not entitled to the registration for which it has applied.

The applicant company seeks registration of the notation "Electrola" for radio receiving sets, etc. The opposer company obtained registration on November 14, 1911, No. 84,199, of the same trade-mark used upon talking machines, talking-machine parts, etc.

Opposer only has taken testimony, and since the applicant company has taken none the latter is restricted to its filing date of September 11, 1924, for its date of adoption and use. The opposer company has fairly proved continuous use of its mark since 1911, and there is evidence of wide sales, even reaching 24,000 machines, on which the mark has appeared. The mark has, in consequence, become widely and favorably known, and has been extensively advertised, and these factors constitute a valuable asset of opposer company's business.

[1] In view of the foregoing there is presented the situation of a company adopting and using the identical mark of another company, which trade-mark has been extensively advertised, and is widely and favorably known as indicating the product of the latter company. Under these circumstances since the applicant company had an unlimited field from which to select its trade-mark the choosing of the mark of the opposer company must be regarded as an act performed for the purpose of obtaining some advantage from the opposer's expenditures and established goodwill. All doubts should, in consequence, be resolved against the newcomer.

The applicant company, appellant, has urged that the goods do not possess similar descriptive properties, do not belong to the same class within the meaning of the trade-mark statute, and, since if such be true, there is no objection to adopting a mark used by another, and the opposition should not be sustained.

[2] It is in evidence that the opposer adopted its mark to distinguish the electrically-driven phonograph from the spring-driven type and that, since the appearance and popularity of radio receiving sets, opposer has sought to construct phonograph machines of such a character that they could be equipped with radio receiving sets and employ the sound transmitting and amplifying devices as the loud-speaking elements of the radio receiver. In those cases where a construction of this character was put upon the market and sold prior to the adoption and use of the mark by the applicant the radio receiving set was not actually installed with the talking machine, but provision was made for its installation, the selection of the particular radio receiving set being left to the purchaser of the phonograph machine. Subsequently opposer has been producing and putting upon the market the complete dual mechanism including the phonograph and the radio receiving set, all arranged in a common cabinet and provided with shifting mechanism whereby the amplifier of the phonograph may be used also as the amplifier of the radio receiving set. It is thus established that opposer had already sought to expand its phonograph business to include the radio receiving set construction. Under these conditions the pertinent question is raised: Would the use of the same mark upon opposer's output or product and upon that of the applicant be likely to cause confusion or mistake in the mind of the public or deceive purchasers by leading the purchasing public to think both products were the output of the opposer company?

It is clearly enough settled law that no one should be permitted to select a trade-mark similar to one already in use by another who is engaged in a business of the same general nature where the use of both marks would be likely to confuse or mislead the ordinary individual as to the ownership or origin of the goods. *The O. & W. Thum Company* v. *Dickinson*, 240 O. G. 337, 46 App. D. C. 306; *The Kaut-Reith Shoe Company* v. *International Shoe Company*, 239 O. G. 939, 45 App. D. C. 545.

It has been urged on the part of the appellant, applicant, that the radio receiving set belongs to a totally-different class of goods from that to which the phonograph belongs, that they are produced by different firms and may be used for widely-different purposes, that each has its established mark and place in the commercial world, and that those purchasing could not be deceived into thinking the receiving set was made by the manufacturer of phonographs.

It is plain enough radio receiving sets are capable of a wider use than phonographs, in that the former are used for electric signaling between widely-different points and for many commercial purposes of this character to which phonographs are not adapted. The transmission of the electromagnetic waves through the ether and the interception of the energy of such passing waves by an antenna and the conversion of that electric energy into mechanical force to operate a diaphragm are all radically different in principle from the diaphragm-operating means of a phonograph.

The wide adoption and use of the radio receiving set has brought about its use as a substitute for a phonograph in the home. It is notorious that many persons who formerly used or would have purchased phonographs have purchased radio receiving sets instead and installed them in the home for the same general purpose of amusement and entertainment. Music, speeches, lectures, and other similar matter are reproduced and heard in the room alike by the receiving set and the phonograph. Both converters of energy into sound vibrate a diaphragm and use an amplifier, and it is in evidence that the diaphragm and amplifier of the phonograph may be used for these same purposes with the radio receiving set. Under these conditions it is believed that confusion in trade would be probable if the applicant should be permitted to use the same mark upon its goods as the opposer uses upon its products. This view is supported by the holding of the court in the case of *The Steinola Company* v. *Steinway & Sons*, 284 O. G. 183, 50 App. D. C. 204, in which the court held, in effect, that high-grade pianos and phonographs are goods of the same general descriptive properties. Also in the case of *The Thomas Manufacturing Company* v. *The Aeolian Company*, 249 O. G. 505, 47 App. D. C. 376, the court reached the same conclusion as in the Steinola decision. The fact should not be overlooked, though the decision is not controlling here, that in the case of *Wilcox & White Co.* v. *Leiser*, 276 F. R. 445, the United States District Court of New York also held phonographs and self-playing musical instruments belong to the same general class of goods.

It is believed the applicant should not be permitted to use the long-established and widely-known trade-mark of the opposer upon radio receiving sets.

The decision of the Examiner of Trade-Mark Interferences sustaining the opposition and adjudging the applicant not entitled to the registration applied for is affirmed.

Court of Appeals of the District of Columbia.

IN RE MCCLAIRE.

No. 1,573. Decided December 6, 1926.

NOVELTY—UTILITY—INVENTION—COMMERCIAL SUCCESS—BENEFIT OF DOUBT.

Commercial success of an article is persuasive evidence of novelty, utility, and invention, and if there be any doubt in such a case it should be resolved in favor of the applicant.

APPEAL from the Commissioner of Patents. Affirmed in part.

Mr. Joshua R. H. Potts for McClaire.

Mr. T. A. Hostetler for the Commissioner of Patents.

Before MARTIN, Chief Justice, VAN ORSDEL, Justice, and HATFIELD, Judge U. S. Court of Customs Appeals.

MARTIN, *C. J.*:

This is an appeal from concurring decisions of the Patent Office refusing to allow any of the five claims presented by the applicant in the case. The invention consists of a hair curler formed of short lengths of insulated wire with a fabric covering, having metallic caps secured over the ends thereof. The caps are so constructed as to fit snugly over the ends of the curlers and their edges are flared outwardly to facilitate this purpose, and also to insure stretching of the fabric sheath on the rubber insulation of the wire.

Claim 1 is copied for illustration:

1. A hair curler comprising a central core of pliable metal; a covering for said core of relatively softer material; a fabric covering for said core covering; and metallic caps secured over the ends, the edges of said caps being turned inwardly and impressed into said core covering to form a resilient locking groove therein, substantially as described.

The references were appellant's prior patent, [1,397,532] Nov. 22, 1921, for a similar hair curler having tied or sewed ends instead of caps; Weaver's patent, [1,369,994] March 1, 1921, for a hair curler having two insulated wires twisted together surrounded by a fabric covering, with tips at the ends composed of nonmetallic waterproof material as by dipping in a waterproof solution; Kelly's patent, [1,392,339] Oct. 4, 1921, disclosing cords with various kinds of metallic tips on the ends; Cumming's patent, [851,037] April 23, 1907, disclosing a lacing in which the tip has an interior metal piece rolled and to be cut in two, forming an outer metal cap over the end of the tip; Gregory's patent, [374,246] Dec. 6, 1887, disclosing a hair curler composed of a long thin strip of lead or other pliable material covered with silk and provided with small caps at the ends to prevent fraying; and Illoway's patent, [1,163,343] Dec. 7, 1915, showing a hair curler bent into loops.

The applicant's claims were held to be unpatentable on the ground that no invention would be involved in forming metal tips on hair curlers of the type shown in the McClaire and Weaver patents, in view of the common practice of forming such tips on the ends of cords of various kinds as shown by the references. It was also held that claim 3 is barred under the rule of res adjudicata.

We do not agree with the Commissioner's decision. The applicant's claims are combination claims, and as such we do not think them anticipated by the references. The improvement in question is a simple one, but it is useful and novel, and discloses invention. The commercial success of the article is persuasive evidence of this. If there be doubt in such a case it should be resolved in favor of the applicant. We think however that the rejection of claim 3 upon the ground of res adjudicata must be sustained.

Accordingly the decision of the Commissioner of Patents rejecting claims 1, 2, 4 and 5 is reversed. The rejection of claim 3 is affirmed.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

961,165, J. F. Rowley, Artificial-limb suspender and back check, suit filed Jan. 22, 1927, D. C., E. D. Mich. (S. Div.), Doc. 1864, *The J. F. Rowley Co.* v. *F. A. Ritter (Detroit Artificial Limb Works)*.

1,007,757, A. Voight, Mounting for sliding doors; 1,136,631, same, Separator and track for sliding doors, suit filed Mar. 11, 1925, D. C., S. D. N. Y., Doc. E 31/258, *A. Voight* v. *M. Kleinman et al. (M. Kleinman & Son)*. Consent decree sustaining patents Jan. 24, 1927.

1,090,776, H. H. Boyce, Indicating system and apparatus for internal-combustion engines, suit filed Dec. 2, 1926, D. C., N. D. Ill. (E. Div.), Doc. 6648, *H. H. Boyce et al.* v. *S. Katz et al.*

1,102,018, E. I. Dodds, Power-driven handsaw; 1,377,961, G. H. Drabenstoll, Sawing and boring device, suit filed Dec. 2, 1926, D. C., N. D. Ill. (E. Div.), Doc. 6646, *The Crowe Mfg. Corp.* v. *Skilway, Inc.*

1,108,184, T. Kerner, Garbage and refuse incinerator, suit filed Oct. 30, 1924, D. C., N. D. Ohio (E. Div.), Doc. 1306, *Kerner Incinerator Co.* v. *Townsend Estates, Inc., et al.* Interlocutory decree in favor of plaintiff Jan. 22, 1927.

1,127,733, V. Clairemont, Preserving eggs; 1,224,710, 1,369,323, same, Apparatus for treating eggs; 1,370,628, same, Process of and apparatus for preserving eggs; 1,599,553, same, Grading and candling machine, suits filed Jan. 19, 1927, D. C. Wash. (N. Div.), *Clairemont Sterilized Egg Co.* v. *A. C. Fry Co., Inc.* Doc. 560, *Clairemont Sterilized Egg Co.* v. *Washington Co-operative Egg & Poultry Association.* Doc. 561, *Clairemont Sterilized Egg Co.* v. *Fox River Butter Co.* Doc. 562, *Clairemont Sterilized Egg Co.* v. *Turner-Pease, Inc.* Doc. 563, *Clairemont Sterilized Egg Co.* v. *The Bradner Co.* Same, suit filed Jan. 18, 1927, D. C., N. D. Calif. (San Francisco), Doc. 1828, *Clairemont Sterilized Egg Co.* v. *O. Casperson et al. (O. Casperson & Son)*. Doc. 1829, *Clairemont Sterilized Egg Co.* v. *Dodge Sweeney & Co.* Doc. 1830, *Clairemont Sterilized Egg Co.* v. *W. H. Patterson.* Doc. 1831, *Clairemont Sterilized Egg Co.* v. *Fitzgerald, Inc.* Same, suits filed Jan. 19, 1927, D. C. Oreg. (Portland). Doc. E 8886, *Clairemont Sterilized Egg Co.* v. *A. T. McCauley Co.* Doc. E 8887, *Clairemont Sterilized Egg Co.* v. *Terminal Ice & Cold Storage Co.* Doc. E 8888, *Clairemont Sterilized Egg Co.* v. *Pacific Co-operative Poultry Producers.*

1,136,631. (See 1,007,757.)

1,148,328, Kohman, Hoffman & Godfrey, Manufacture of bread; 1,151,526, same, Yeast-saving composition in bread making, suit filed Nov. 28, 1923, D. C., N. D. Ohio (E. Div.), Doc. 1011, *The Fleischman Co.* v. *The Beyer Co. et al.* Decree approving Master's report Jan. 20, 1927.

1,151,526. (See 1,148,328.)

1,185,445, 1,420,775, F. H. Stanwood, Nonslipping tread; 1,436,414, same, Step tread, suit filed Jan. 25, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2111, *Stanwood Equipment Co.* v. *Ohio Rubber & Textile Co.*

1,224,710. (See 1,127,733.)

1,243,367, A. Widmer, Ceiling support, suit filed Dec. 14, 1926, D. C., N. D. Ill. (E. Div.), Doc. 6684, *Clip Nail Ceiling Patents Corp. et al.* v. *J. J. Brown Plastering Co.* Same, suit filed Dec. 23, 1926, D. C., N. D. Ill. (E. Div.), Doc. 6713, *Clip Nail Ceiling Patents Corp. et al.* v. *J. J. Tobin et al.*

1,297,226, Nesbitt & Lauritzen, Separable core, suit filed Jan. 10, 1921, D. C., N. D. Ohio (E. Div.), Doc. 604, *J. C. Lauritzen et al.* v. *The Banner Machine Co.* Patent held valid and infringed Jan. 15, 1927.

1,369,323. (See 1,127,733.)

1,370,628. (See 1,127,733.)

1,377,961. (See 1,102,018.)

1,380,563. (See 1,531,060.)

1,412,526, V. L. Jacobsen, Savings bank; 1,447,534, C. C. Corbett, Pocket savings bank, suit filed Dec. 15, 1926, D. C., N. D. Ill. (E. Div.), Doc. 6685, *The A. R. Martine Co., Inc.*, v. *B. T. Moran, Inc., et al.*

1,420,775. (See 1,185,445.)

1,423,829, J. Carlson, Cap, suit filed Dec. 16, 1926, D. C., S. D. N. Y., Doc. E 39/294, *J. Carlson* v. *M. J. Kiely (D. & K. Mfg. Co.)*. Decree sustaining patent Jan. 25, 1927.

1,436,414. (See 1,185,445.)

1,447,534. (See 1,412,526.)

1,531,060, W. B. Allbright, Continuous viscera and carcass inspection machine; 1,380,563, E. Keeb-

ler, Viscera-inspection table, suit filed Dec. 7, 1926, D. C., N. D. Ill. (E. Div.), Doc. 6665, *The Allbright-Nell Co.* v. *Swift & Co. et al.*

1,550,573, D. A. Sargent, Tractor snowplow, appeal filed Jan. 13, 1927, C. C. A. (8th Cir.), Doc. 7722, *Northern Trailer Co. et al.* v. *E. W. La Plant et al.* (*La Plant-Choate Mfg. Co.*).

1,564,810, R. F. Angulo, Method of making handmade mission roof tile, suit filed Mar. 9, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–8–M, *R. F. Angulo* v. *Santa Barbara Brick Co.* Stipulated decree restraining defendant Nov. 10, 1926.

1,569,942, J. M. Barnhill, Reversible hat, suit filed July 30, 1926, D. C., N. D. Okla., Doc. E 167, *F. A. Brinkman* v. *P. J. Corn.* Perpetual injunction (notice dated Jan. 21, 1927).

1,599,553. (See 1,127,733.)

1,603,207, T. Huston, Paper bag and seal, suit filed Jan. 24, 1927, D. C., N. D. Ga. (Atlanta), Doc. E 434, *T. Huston* (*T. Huston Peanut Co.*) v. *C. O. Barrett* (*Barrett Potato Chip Co.*).

Re. 16,330, M. S. George, Baby pants; Des. 59,736, same, Garment protector, suit filed Dec. 16, 1926, D. C., N. D. Ill. (E. Div.), Doc. 6699, *M. S. George* v. *A. R. Whitehead et al.*

Des. 46,682, A. A. Kraeuter, Handle for pliers or similar articles, suit filed Sept. 25, 1926, D. C., S. D. N. Y., Doc. E 38/285, *Kraeuter & Co., Inc.*, v. *Endlein-Schmidt, Inc.* Decree sustaining patent Jan. 24, 1927.

Des. 59,736. (See Re. 16,330.)

Des. 66,447, J. W. Suporter, Radiator cap, suit filed Jan. 22, 1927, D. C., W. D. Mich. (S. Div.), Doc. 2093, *The Norliff Co.* v. *Loxrite Corp.*

Des. 69,675, Schroeder & Sakols, Incense burner, suit filed Dec. 28, 1926, D. C., E. D. Wis. (Milwaukee), Doc. 1992 C. D. *R. F. Schroeder et al.* v. *C. F. Eckhart & Co.*

Des. 69,887, F. W. Horstman, Fur, suit filed Jan. 24, 1927, D. C., S. D. N. Y., Doc. E 40/130, *F. W. Horstman et al.* v. *J. Montag et al.* (*Montag & Ettelman*).

Des. 69,955, W. F. Michels, Lighting fixture, suit filed Dec. 30, 1926, D. C., E. D. Wis., (Milwaukee), Doc. 1994, *W. F. Michels* v. *Standard Compo Works.*

Des. 70,296, Des. 70,297, Des. 70,298, L. M. Skaruda, Hair band, suit filed Dec. 7, 1926, D. C., N. D. Ill. (E. Div.), Doc. 6666, *L. M. Skaruda* v. *W. E. Keough Co. et al.*

Des. 70,297. (See Des. 70,296.)

Des. 70,298. (See Des. 70,296.)

ADJUDICATED PATENTS.

(C. C. A. Pa.) The Hitchcock patent, No. 935,205, for railway frog, *Held* valid and infringed. *Hitchcock* v. *Valley Camp Co.*, 16 F. (2d) 383.

(D. C. Mass.) The Spencer patent, No. 1,007,498, for electric illuminating device, *Held* invalid. *I. P. Frink, Inc.*, v. *Erickson*, 16 F. (2d) 496.

(C. C. A. Mo.) The Willis patent, No. 1,190,615, for plastic composition, claims 1, 2, 5, and 7 *Held* invalid. *Western Willite Co.* v. *Trinidad Asphalt Mfg. Co.*, 16 F. (2d) 446.

(D. C. N. Y.) The Lutton patent, No. 1,210,502, for sash bar for supporting glass in greenhouses, claim 7 *Held* valid and infringed. *William H. Lutton Co.* v. *Lord & Burnham Co.*, 16 F. (2d) 490.

(C. C. A. N. Y.) The Anderson patent, No. 1,360,256, for can opener, claims 1 and 2 *Held* valid and infringed. *Star Can Opener Co.* v. *Owen Dyneto Co.*, 16 F. (2d) 353.

(C. C. A. Pa.) The Weiss patent, No. 1,411,231, for vulcanization accelerator, *Held* valid. *Dovan Chemical Co.* v. *Corona Cord Tire Co.*, 16 F. (2d) 419.

(C. C. A. N. Y.) The Anderson patent, No. 1,528,178, for can opener, claims 1, 6, and 7 *Held* valid and infringed. *Star Can Opener Co.* v. *Owen Dyneto Co.*, 16 F. (2d) 353.

(D. C. N. Y.) The Calkins reissue patent, No. 15,824, for improvements in guide strips used in laying flooring, *Held* invalid. *Trattel Marble Co.* v. *U. T. Hungerford Brass & Copper Co.*, 16 F. (2d) 495.

(C. C. A. Pa.) The Engelbrecht reissue patent, No. 15,829, for making brick and hollow tile, *Held* invalid. *Toupet-Taylor Engineering Co.* v. *Red Dog Mfg. & Supply Co.*, 16 F. (2d) 454.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,461,560, G. R. Rich, Valve tappet for internal-combustion engines, decided January 25, 1927, claims 1 to 5, inclusive.

Pat. 1,492,582, L. D. Smith, Cooking apparatus, decided January 24, 1927, claims 1 to 9, inclusive.

Pat. 1,559,548, J. Buchli, Combined steam and internal-combustion engine locomotive, decided January 17, 1927, claims 1 and 2.

Pat. 1,571,404, W. Gardocky, Machine for placing flipper strips on tire beads, decided January 29, 1927, claims 1, 2, 4, 6, and 7.

Final decision in interference has been rendered against the following trade-mark:

T. M. 197,607, Coffee, Briner-Null Coffee Company, Vincennes, Ind. Registered April 21, 1925. Decided January 28, 1927.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 8, 1927.

[VOL. 356. No. 2.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 148,050. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) AMERICAN AUTOMATIC PRODUCTS CORPORATION, Chicago, Ill. Filed May 23, 1921.

AVTROLA

Particular description of goods.—Phonographs and Parts Thereof.

Claims use since about June, 1919.

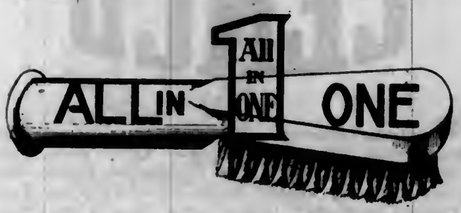
Ser. No. 188,526. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BROGDEX COMPANY, Winter Haven, Fla., and Los Angeles, Calif. Filed Nov. 19, 1923.

BROGDEX

Particular description of goods.—Fresh Deciduous and Citrous Fruits Surface Treated to Enhance Their Marketability.

Claims use since on or about Oct. 1, 1921.

Ser. No. 203,941. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) RAY W. EYSTER, doing business as All in One Hair Brush Co., Chicago, Ill. Filed Oct. 16, 1924.



The picture of a hairbrush shown in the drawing is disclaimed apart from the mark shown.

Particular description of goods.—Hairbrushes.

Claims use since Sept. 1, 1924.

Ser. No. 204,220. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COMPAÑIA GENERAL DE ACEITES DE OLIVA, S. A., Seville, Spain. Filed Oct. 21, 1924.



The words "Aceite Virgen Fino Puro De Oliva, Marca Registrada, Compañia General De Aceites De Oliva S. A. Sevilla—Tortosa—Bilbao—Jaen—Spain" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Olive Oils.

Claims use since September, 1920.

Ser. No. 205,953. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH G. SALVATO, doing business as Revere Wholesale Grocery Co., Chicago, Ill. Filed Nov. 28, 1924.



All the words except "Revere" are hereby disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Salad Dressing, Tomato Catchup, Pickles, Evaporated Fruits. Dried

Raisins, Canned Plum Pudding, Vinegar, Cocoa, Coffee, Maple Sirup, Cane Sirup, Mincemeat, Tea, Shelled Nuts in Their Natural State, Olive Oil, Peanut Butter, Honey, Ham, Bacon, Sausage; Fresh Vegetables and Fruits, Including Onions, Carrots, Potatoes, Cabbage, Ear Corn, Cucumbers, Apples, Prunes, Oranges, Bananas, Peaches, Figs, Dates, Pears, and Pineapples; Bread, Cakes, Pastries, Candy, Assorted Fresh Fruits and Candies, Fruit Cake, Sugared Ginger, Sugared Kumquats, Sugared Dates, Canned Chicken, Canned Deviled Chicken, Canned Deviled Ham, Canned Tongue, Canned Bacon; Canned Soups, Including Vegetable Soup, Bean Soup, Chicken Soup, Pea Soup, Tomato Soup, Oxtail Soup, Clam Chowder, and Beef Soup; Butter, Eggs, Shredded Coconut; Packaged Grains—Namely, Barley, Rice, Oats, Dessert Tapioca, Pearl Tapioca, Cake Flour, Corn Meal, Farina, Wheat Breakfast Food, Lye Hominy, Granulated Hominy, Pearl Hominy, Pancake Flour, Pop Corn in Its Natural State, Fresh Sweet Corn, Rice Flour, Self-Rising Buckwheat Flour, Wheat Bran, Graham Flour, and Gluten Flour; and Filberts, Walnuts, Almonds, Hazelnuts, and Pecans in Their Natural State; Dried Orange Peel, Candied Orange Peel, Dried Lemon Peel, Candied Lemon Peel, Dried Citron, Candied Citron, Birdseed, Bouillon Cubes, Dried Currants, Canned Condensed Milk, Canned Evaporated Milk, Breakfast Cereals, Horse-Radish, Chili Sauce, Fresh Cantaloupes, Fresh Eggplant, and Fresh Rhubarb.

Claims use since Mar. 10, 1922.

Ser. No. 206,554. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE J. B. WILLIAMS COMPANY, Glastonbury, Conn. Filed Dec. 10, 1924.

RAYONA

Particular description of goods.—Soap.
Claims use since Dec. 1, 1924.

Ser. No. 207,189. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HYE-AMP BATTERY CO., Denver, Colo. Filed Dec. 24, 1924.

HYE AMP

The linings upon the drawing of the mark indicate a red color.

Particular description of goods.—Aerial Insulators and Radiopanels, Air Circuit Breakers, Switches, Coils, Amplifiers Used with Radio Apparatus as Loud Speakers, Audio-frequency Transformers, Sockets for Electric Wiring and Radio Vacuum Tubes, Automobile Spark Timers, Batteries, Battery Chargers, Storage-Battery Clips; Battery Jars, Panels, Covers, and Vents; Plate Separators, Binding Posts, Telephone Test Connecters, Circuit Breakers, Condensers, Cords and Plugs Used to Connect Translating Devices with Lamp Sockets, Vacuum-Tube Detectors, Crystal Detectors for Radiowork, Dynamos, Electromotors and Parts Thereof, Electric Bulbs and Lamps, Electric Generating Plants, Electric Lights and Lighting Fixtures for Motor Cars, Electric Switches; Electric Tail Lights, Stop Lights, and Backing Lights; Electric Flash Lights, Rheostats, Electrically-Illuminated Signs, Spark Plugs; Telegraphic, Telephonic, Wireless Telegraphic and Telephonic Transmitting and Receiving Instruments and Parts Thereof; Variometers, and Variocouplers.

Claims use since Sept. 1, 1923.

Ser. No. 208,498. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) AMERICAN UNBREAKABLE DOLL CORPORATION, New York, N. Y. Filed Jan. 23, 1925.

THE PRINCESS DOLL

The word "Doll" and the representation of a doll are disclaimed as an essential part of the trade-mark except in the particular form and relation shown in the drawing.

Particular description of goods.—Dolls.
Claims use since Oct. 10, 1924.

Ser. No. 211,191. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) S. H. WETMORE COMPANY, New York, N. Y. Filed Mar. 17, 1925. Under 10-year proviso.

CENTURY

Particular description of goods.—Atomizers, Applicators, Breast Pumps, Finger Cots, Ball-Top Droppers, Brush Droppers, Nasal Douche, Eye Baths, Eye Shades or Patches, Glass Goods for Surgical Purposes, Manicure Tools, Inhalers, Sanitary Pouches, Suspensories and Athletic Supporters, Syringes, Teething Rings, Clinical Thermometers, Tongue Depressors, and Wristbands for Curative Purposes.

Claims use since December, 1892.

Ser. No. 213,000. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CENTRAL SCIENTIFIC COMPANY, Chicago, Ill. Filed Apr. 20, 1925.

CENCO

Particular description of goods.—Bit Braces, Auger Bits, Screw Clamps, Figure Dies, Letter Dies, Drills, Files, Glass Cutters, Mounted Grindstones, Knives, Hammers, Hatchets, Mallets, Mauls, Pliers, Polishing Heads, Punches, Saws, Saw Blades, Screw Dies, Screw Drivers, Screw Taps, Shears, Soldering Tools, Tool Sets, Vises, Workbenches, Wrenches, Scoops, Spatulas, Tongs, Corkscrews, Increment Borers, Pruning Knives, Pruning Saws, Pruning Shears, and Steel Balls for Bearings.

Claims use since April, 1921.

Ser. No. 213,542. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ABBEVILLE COTTON MILLS, Abbeville, S. C. Filed Apr. 30, 1925.



ELKWOOD MILLS

Particular description of goods.—Cotton Piece Goods.
Claims use since 1899.

Ser. No. 214,063. (CLASS 12. CONSTRUCTION MATERIALS.) DODWELL & COMPANY, LTD., New York, N. Y. Filed May 9, 1925.

PREMIER

"Premier."
Particular description of goods.—Portland Cement and Artificial Portland Cement.
Claims use since Apr. 18, 1925.

Ser. No. 219,770. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SEACOAST CANNING COMPANY, Eastport, Me. Filed Sept. 3, 1925.



Particular description of goods.—Canned Fish, Specifically Sardines.
Claims use since about September, 1909.

Ser. No. 221,182. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HORACE M. B. MACK, doing business as Mack The Coffee Man, Lancaster, Pa. Filed Oct. 3, 1925.

OLD STATE CAPITOL



The design is a representation of the old capitol of the State of Pennsylvania.

Particular description of goods.—Coffee.
Claims use since Jan. 2, 1910.

Ser. No. 221,427. (CLASS 12. CONSTRUCTION MATERIALS.) MICHIGAN ALKALI COMPANY, Wyandotte, Mich. Filed Oct. 8, 1925.

WYANDOTTE

Particular description of goods.—Portland Cement.
Claims use since September, 1899.

Ser. No. 221,428. (CLASS 12. CONSTRUCTION MATERIALS.) MICHIGAN ALKALI COMPANY, Wyandotte, Mich. Filed Oct. 8, 1925.



Particular description of goods.—Portland Cement.
Claims use since September, 1899.

Ser. No. 222,667. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ERIE MALLEABLE IRON COMPANY, Erie, Pa. Filed Nov. 2, 1925.

EMICO

"Emico."

Particular description of goods.—Electrical Fittings Comprising Conduit Fittings and Parts Thereof and Fittings for Electrical-Apparatus Supports.

Claims use since Jan. 6, 1925.

Ser. No. 223,598. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WALTER T. OVERTON, doing business as Overton Chemical Company, Sumner, Iowa. Filed Nov. 20, 1925.

KLOREX

Particular description of goods.—Disinfectant, Deodorant, Sterilizer, and Germicide.

Claims use since Oct. 1, 1924.

Ser. No. 224,686. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) YELLOW TRUCK & COACH MANUFACTURING COMPANY, Chicago, Ill. Filed Dec. 14, 1925.

Big Brute

Particular description of goods.—Motor-Driven Trucks.

Claims use since Oct. 20, 1925.

Ser. No. 225,115. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES W. DAVIS, Bowling Green, Mo. Filed Dec. 24, 1925.



"OUR CHARLIE"

No claim is made to the words "Our Charlie" apart from the mark as shown. Trade-mark includes a portrait of applicant.

Particular description of goods.—Candy.

Claims use since Aug. 28, 1925.

Ser. No. 225,356. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GRAFFMAN-MCINTOSH ICE CREAM COMPANY, St. Louis, Mo. Filed Dec. 31, 1925.

Perfection

Particular description of goods.—Dairy Products—Namely, Ice Cream, Ices, Sherbets, Fresh Milk, Cream, Buttermilk, Cultured Milk, and Cheese.

Claims use since July 23, 1921.

Ser. No. 225,435. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE GLENN L. MARTIN COMPANY, Cleveland, Ohio. Filed Jan. 2, 1926.



Particular description of goods.—Radio Apparatus and Accessories Consisting of Receiving Sets, Vacuum and Electron Tubes, Batteries, Battery Eliminators, Loud Speakers, Switches, and Battery Chargers.

Claims use since Sept. 1, 1925.

Ser. No. 225,436. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE GLENN L. MARTIN COMPANY, Cleveland, Ohio. Filed Jan. 2, 1926.

HERO-B

Particular description of goods.—Battery Eliminators for Radio Apparatus.

Claims use since July 15, 1925.

Ser. No. 225,541. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) AMERICAN SMELTING & REFINING COMPANY, New York, N. Y., and San Francisco, Calif. Filed Jan. 6, 1926.

EXCELSIOR

Particular description of goods.—Lead, Solder, and Babbitt, and Metals and Metal Alloys in Ingots, Bars, Pigs, Forgings, and Castings in the Rough.

Claims use since February, 1908.

Ser. No. 225,874. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DUNDAS BROS. CO., INC., Philadelphia, Pa. Filed Jan. 13, 1926.



Particular description of goods.—Self-Rising Flour.

Claims use since Oct. 15, 1925.

Ser. No. 225,885. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LANCASTER FARMS HATCHERY, Lancaster, Ohio. Filed Jan. 13, 1926.



The pictorial representation of a chick is disclaimed.

Particular description of goods.—Live Poultry.

Claims use since November, 1923.

Ser. No. 225,918. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) G. AND M. CHEMICAL CO., Tulsa, Okla. Filed Jan. 14, 1926.



No claim is made to the words "Hair Restorer" apart from the mark shown.

Particular description of goods.—Hair Restorer.

Claims use since Nov. 1, 1925.

Ser. No. 226,037. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE BASSICK MANUFACTURING COMPANY, Chicago, Ill. Filed Jan. 18, 1926.



The vertical lines in the drawing of the mark indicate shading only.

Particular description of goods.—Condensers to be Connected with the Radiators of Internal-Combustion Engines.

Claims use since May, 1918.

Ser. No. 226,309. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE SPERRY GYROSCOPE COMPANY, Brooklyn, N. Y. Filed Jan. 23, 1926.



No claim is made to the word "Sperry" apart from the mark as shown in the drawing.

Particular description of goods.—Electrical Indicating Apparatus for Navigational Purposes, Including Gyroscopic Compasses, Repeater Compasses, and the Transmitters Therefor; Ships' Log Indicators and Transmitters, Revolution Indicators and Transmitters, Helm-Angle Indicators and Transmitters, Rudder Indicators and Transmitters, and Course Recorders.

Claims use since Oct. 1, 1917.

Ser. No. 226,942. (CLASS 39. CLOTHING.) CAMBRIDGE RUBBER COMPANY, Cambridge, Mass. Filed Feb. 6, 1926.

GLENGAIRN

Trade-mark consists of the word "Glengairn."

Particular description of goods.—Shoes Made Wholly or Partly of Rubber and Fabric.

Claims use since on or about Feb. 13, 1924.

Ser. No. 227,543. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) TUCAPAU MILLS, Tucapau, S. C. Filed Feb. 19, 1926.



Particular description of goods.—Cotton and Linen Goods in the Piece and in Short Lengths.
Claims use since May, 1879.

Ser. No. 228,340. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) A. WAGNER & LEVIEN SUCESORES, SOCIEDAD EN COMANDITA, Mexico and Monterey, Mexico. Filed Mar. 8, 1926.



Particular description of goods.—Pianos, Automatic Pianos, Electrical and Reproducing.
Claims use since Nov. 1, 1925.

Ser. No. 229,450. (CLASS 47. WINES.) MARTINI & ROSSI, Turin, Italy. Filed Mar. 31, 1926.



Exclusive use of the words "Torino, Aperitivo Ideale" is disclaimed apart from the other features of the mark shown.
Particular description of goods.—Wines—Namely, Appetizers Made from a Wine Base.
Claims use since May 6, 1920.

Ser. No. 229,482. (CLASS 31. FILTERS AND REFRIGERATORS.) WEBBER SHOWCASE & FIXTURE COMPANY, Los Angeles, Calif. Filed Mar. 31, 1926.



Particular description of goods.—Refrigerator Show Cases.
Claims use since Feb. 1, 1926.

Ser. No. 229,968. (CLASS 15. OILS AND GREASES.) E. F. HOUGHTON & Co., Philadelphia, Pa. Filed Apr. 10, 1926.

VITAL

Particular description of goods.—Lubricating Oils.
Claims use since Apr. 24, 1923.

Ser. No. 229,996. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD A. ZINK, doing business as The Co-Quin-Ol Company, New York, N. Y. Filed Apr. 10, 1926.

Co-Quin-Ol

Particular description of goods.—Shampoo and Corrective for Dandruff.
Claims use since September, 1924.

Ser. No. 230,155. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BERNET, CRAFT & KAUFFMAN MILLING COMPANY, St. Louis, Mo. Filed Apr. 14, 1926.



Particular description of goods.—Wheat Flour.
Claims use since 1877.

Ser. No. 230,354. (CLASS 39. CLOTHING.) THOMAS G. PLANT COMPANY, Boston, Mass. Filed Apr. 17, 1926.

Queen Quality

6 $tyle 6

No claim is made to the exclusive use of the numeral "6" and the word "$tyle" apart from the mark shown in the drawing.
Particular description of goods.—Men's, Women's, and Children's Boots, Shoes, Slippers, Made of Leather, Rubber, Felt, Silk, Cloth, or Other Fabric Construction.
Claims use since Feb. 17, 1926.

Ser. No. 230,594. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHEEHY AND CUMMING, Watsonville, Calif. Filed Apr. 22, 1926.

GOLDEN GLOW

The vertical lining of drawing denotes shading.
Particular description of goods.—Fresh Apples and Pears.
Claims use since August, 1921.

Ser. No. 230,684. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) HARRY ROGOVIN, doing business as Unique Silk Lamp Shade Co., New York, N. Y. Filed Apr. 24, 1926.

KATCHOOK

Particular description of goods.—Lamp Shades Made of Silk.
Claims use since about Apr. 6, 1926.

Ser. No. 230,742. (CLASS 45. BEVERAGES, NONALCOHOLIC.) LUCIEN C. KINSEY, doing business as The Mello-Mix Co., Oklahoma City, Okla. Filed Apr. 26, 1926.

Mello-Mix

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks.
Claims use since Jan. 11, 1926.

Ser. No. 231,020. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STEIN, HALL & COMPANY INC., New York, N. Y. Filed May 1, 1926.

HALLMARK

Particular description of goods.—Tapioca, Egg Albumen, and Egg Yolk.
Claims use since about Oct. 15, 1925.

Ser. No. 232,294. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) HENRY STADLMAIR CO., INC., New York, N. Y. Filed May 26, 1926.

Hermann Lowendall

The mark comprises the name "Hermann Lowendall," the same being purely fanciful, and being displayed as the facsimile of a signature in the handwriting of Henry Stadlmair, president of corporation.
Particular description of goods.—Violins, Violas, Violoncellos, and Violin Bows.
Claims use since Apr. 1, 1925.

Ser. No. 232,458. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FISHER & FALLGATTER, Waupaca, Wis. Filed May 29, 1926.

ACME

Particular description of goods.—Pure Patent White Rye Flour.
Claims use since October, 1914.

Ser. No. 233,188. (CLASS 39. CLOTHING.) HESS BROTHERS, Allentown, Pa. Filed June 14, 1926.

BOB-ANN

Particular description of goods.—Boys' and Girls' Leather and Fabric Shoes and Boys' and Girls' Hosiery.
Claims use since Dec. 6, 1924.

Ser. No. 233,482. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAWN DONUT COMPANY OF JACKSON, Jackson, Mich. Filed June 19, 1926.

DAWN

Particular description of goods.—Doughnuts and Doughnut Mixture.
Claims use since June 1, 1922.

Ser. No. 233,587. (CLASS 38. PRINTS AND PUBLICATIONS.) CHARLES SWARTZ, doing business as American Lithograph Company of California, of Los Angeles, Calif. Filed June 21, 1926.

RIOT-O-COLOR

Particular description of goods.—Products of a Process of Printing or Lithography—Namely, Posters, Hangers, Printed Cards, Booklets, Books or Magazine Inserts or Illustrations.
Claims use since July 1, 1925.

Ser. No. 234,288. (CLASS 39. CLOTHING.) ALPENA LEATHER CORPORATION, Buffalo, N. Y., and Alpena, Mich. Filed July 8, 1926.

BARKROM

Particular description of goods.—Sole-Leather Products—Namely, Cut Soles, Heels, and Taps.
Claims use since May 15, 1925.

Ser. No. 234,290. (CLASS 2. RECEPTACLES.) THE BIRMINGHAM TANK COMPANY, Birmingham, Ala. Filed July 8, 1926.

AN INGALLS BIRTANK PRODUCT

The words "An Ingalls Product" are disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Steel Storage Tanks Which are Used for Various Purposes, Such as Gasoline Filling Stations.
Claims use since April, 1924.

Ser. No. 234,714. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) JACOB P. LIEBERMAN, doing business as Excelsior Radio Co., Brooklyn, N. Y. Filed July 19, 1926.

AIR-KING

Particular description of goods.—Radio Sets and Parts Thereof—Namely, Three-Circuit Tuners, Variable Condensers, Radio Receiving Sets, Dials, Rheostats, Sockets, and Coils.
Claims use since February, 1923.

Ser. No. 235,113. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) ALBERT E. CHISHOLM, Pasadena, Calif. Filed July 26, 1926.

"RAINFALL"

Particular description of goods.—Sprinkling Systems and Parts Thereof for Irrigation of Lawns and Shrubbery.
Claims use since Jan. 1, 1922.

Ser. No. 235,948. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GANE & INGRAM, INC., New York, N. Y. Filed Aug. 14, 1926.

BUZ

Particular description of goods.—Preparation for Repelling Mosquitoes and for Relieving Irritation from Insect Bites.
Claims use since Apr. 1, 1926.

Ser. No. 236,811. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) NATIONAL TUBE COMPANY, Pittsburgh, Pa. Filed Sept. 2, 1926.

DIAMOND B.B.

Particular description of goods.—Metal Couplings, Metal Pipes, Metal Tubes, and Metal Casings.
Claims use since May 6, 1926.

Ser. No. 237,010. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMBROSIA MALT PROD. CO., INC., New York, N. Y. Filed Sept. 9, 1926.

AMCO

"Amco."
Particular description of goods.—Extract from Malt and Rye, Generally Termed Malted Rye Sirup for Food Purposes.
Claims use since about Aug. 20, 1920.

Ser. No. 237,408. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main and Berlin, Germany. Filed Sept. 21, 1926.

Agfastigmat

Particular description of goods.—Cameras and Parts Therefor, Especially Objectives.
Claims use since Nov. 21, 1925.

Ser. No. 237,508. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) JOHN W. MASURY & SON, Brooklyn, N. Y. Filed Sept. 21, 1926.

MALAKA

Particular description of goods.—Lacquers.
Claims use since Sept. 14, 1926.

Ser. No. 237,654. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE CONDÉ NAST PUBLICATIONS, INC., New York, N. Y., and Greenwich, Conn. Filed Sept. 24, 1926.

VOGUE

Applicant is the owner of registration No. 103,770, effected under the 10-year proviso of the act of Feb. 20, 1905.
Particular description of goods.—Paper Dress Patterns.
Claims use since 1911.

Ser. No. 237,706. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STAMATIS STAMATAKIS, Campbell, Ohio. Filed Sept. 24, 1926.

HERODOTOS

Particular description of goods.—Medicinal Product in Solid Form to be Used Externally as a Treatment for Syphilis.
Claims use since Jan. 1, 1915.

Ser. No. 237,782. (CLASS 39. CLOTHING.) CHANDLER BOOT SHOPS, Atlanta, Ga., New Orleans, La., Birmingham, Ala., Memphis and Nashville, Tenn., and Louisville, Ky. Filed Sept. 27, 1926.

"Mar-V-Lus"

Particular description of goods.—Hosiery.
Claims use since August, 1926.

Ser. No. 237,786. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WILLIAM P. CREMER, San Francisco, Calif. Filed Sept. 27, 1926.

BLACK DIAMOND CUTLERY

The word "Cutlery" is disclaimed. The horizontal lining in the drawing indicates the color red.
Particular description of goods.—Safety-Razor Blades, Safety Razors, Razors, Scissors, Shears, Hair Clippers, and All Kinds of Knives of Base Metal, in General Use, Such as Pocketknives, Table Knives, Kitchen Knives, Butcher Knives, and Bread Knives.
Claims use since Mar. 3, 1925.

Ser. No. 238,106. (CLASS 7. CORDAGE.) JOHN H. DAVIS COMPANY, San Francisco, Calif. Filed Oct. 4, 1926.

COMBINE

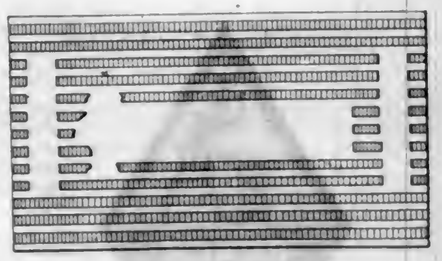
Particular description of goods.—Sack Twine.
Claims use since Sept. 20, 1926.

Ser. No. 238,157. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) BATTISTA BENONI, Padova, Italy. Filed Oct. 5, 1926.

PULITOR

Particular description of goods.—Dusting Cloths.
Claims use since May 25, 1926.

Ser. No. 238,334. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES N. MILLER CO., Boston, Mass. Filed Oct. 8, 1926.



The lining on the drawing indicates the colors brown and red.

Particular description of goods.—Candy.

Claims use since Sept. 22, 1926.

Ser. No. 238,427. (CLASS 5. ADHESIVES.) BROOKMAN MANUFACTURING CO., Chicago, Ill. Filed Oct. 11, 1926.

Styx

Particular description of goods.—Cold-Water Paste for Wall Paper.

Claims use since Mar. 4, 1926.

Ser. No. 238,487. (CLASS 39. CLOTHING.) CHURCHILL AND ALDEN COMPANY, Brockton, Mass. Filed Oct. 12, 1926.

4 POINT

No claim is made to the exclusive use of the words "Suspension Arch Support" apart from the mark shown in the drawing.

Particular description of goods.—Boots and Shoes of Leather, Fabric, Rubber, or a Combination Thereof.

Claims use since Feb. 1, 1923.

Ser. No. 238,656. (CLASS 32. FURNITURE AND UPHOLSTERY.) HIRES TURNER GLASS COMPANY, Philadelphia, Pa. Filed Oct. 15, 1926.

INTAGLIO

IN-TAL-YO

Mirrors

The word "Mirrors" is disclaimed as a part of the mark.

Particular description of goods.—Plate-Glass Mirrors.

Claims use since Aug. 1, 1926.

Ser. No. 238,796. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MASSEY BROTHERS, Winchester, Va. Filed Oct. 18, 1926.

"APPLETS"

Particular description of goods.—Laxative.

Claims use since July 28, 1926.

Ser. No. 238,797. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) THE MEADOWS MANUFACTURING CO., Bloomington, Ill. Filed Oct. 18, 1926.

Meadows

Particular description of goods.—Washing Machines.

Claims use since Oct. 6, 1925.

Ser. No. 239,002. (CLASS 20. LINOLEUM AND OIL CLOTH.) SOCIETÀ ANONIMA DEL LINOLEUM DI GIUBIASCO (SVIZZERA), Giubiasco, Switzerland. Filed October 21, 1926.

Super-Granit Linoleum

MARKE

HELVETIA

GIUBIASCO (SCHWEIZ)

The words "Linoleum Marke" and "Giubiasco (Schweiz)" are disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Linoleum.

Claims use since about May, 1925.

Ser. No. 239,209. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) WESTERN METAL SPECIALTY CO., Milwaukee, Wis. Filed Oct. 25, 1926.

CHEM-O-LET

Particular description of goods.—Built-in Chemical Toilets.

Claims use since Mar. 3, 1926.

Ser. No. 239,320. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) LOUIS H. SCADRON, New York, N. Y. Filed Oct. 27, 1926.

Optical Dr Scadron's Products Ultra-Site

Applicant disclaims exclusive right to the words "Dr. Scadron's" and "Optical Products" apart from the mark shown.

Particular description of goods.—Optical Instruments, Lenses, and Optical Products—Namely, Ophthalmic Lenses, Bifocal Lenses, Rims, Mountings, Frames, and Eyeglasses.

Claims use since October, 1925.

Ser. No. 239,384. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THOMAS DEVLIN MANUFACTURING COMPANY, Philadelphia, Pa. Filed Oct. 27, 1926.

MALLEABLE & GREY IRON FITTINGS

DEVLIN

QUALITY

The words "Malleable & Grey Iron Fittings" and "Quality" are herein disclaimed apart from the mark shown.

Particular description of goods.—Gray Iron, Malleable Iron, and Brass Plumbing Supplies—Namely, T's, Elbows, Bushings, Flanges, Unions, and Plugs.

Claims use since Oct. 11, 1926.

Ser. No. 239,369. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) INTERNATIONAL MUSICAL CORPORATION, Jersey City and Hoboken, N. J. Filed Oct. 28, 1926.

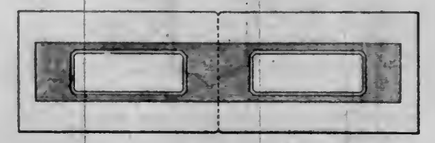
AUTOHARP

Owner of registration No. 22,339, Jan. 17, 1893, for word "Autoharp" for a string instrument.

Particular description of goods.—Musical Instruments of the Zither Type.

Claims use since on or about May 9, 1882.

Ser. No. 239,590. (CLASS 12. CONSTRUCTION MATERIALS.) NORTH AMERICAN CEMENT CORPORATION, Albany, N. Y. Filed Nov. 2, 1926.



The drawing is lined for blue, the color blue being an essential feature of the mark.

Particular description of goods.—Portland Cement.

Claims use since September, 1926.

Ser. No. 239,591. (CLASS 12. CONSTRUCTION MATERIALS.) NORTH AMERICAN CEMENT CORPORATION, Albany, N. Y. Filed Nov. 2, 1926.



No claim is made to "Portland" or "Cement" except in the relationship shown. The drawing is lined for blue, the color blue being an essential feature of the mark.
Particular description of goods.—Portland Cement.
Claims use since September, 1926.

Ser. No. 239,661. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JORDAN MARSH COMPANY, Boston, Mass. Filed Nov. 4, 1926.



The crest is lined to indicate shading.
Particular description of goods.—Textile Mattress Covers.
Claims use since Oct. 1, 1926.

Ser. No. 239,954. (CLASS 17. TOBACCO PRODUCTS.) DAVID J. WEINREICH, doing business as Joseph Weinreich, Dayton, Ohio. Filed Nov. 11, 1926. Under 10-year proviso.



Particular description of goods.—Cigars.
Claims use since November, 1880.

Ser. No. 239,977. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE R. T. FRENCH COMPANY, Rochester, N. Y. Filed Nov. 12, 1926.



No claim is made to the words "Strength, Purity, Delicacy, Excellency" apart from the mark shown in the drawing.
Particular description of goods.—Mustard, Spices, Cooking Herbs, and Food-Flavoring Extracts.
Claims use since Dec. 19, 1902.

Ser. No. 240,031. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LARABEE FLOUR MILLS COMPANY, doing business as The Monarch Milling Company, Kansas City, Mo. Filed Nov. 13, 1926. Under 10-year proviso.

Queen of Kansas

"Queen of Kansas."
Particular description of goods.—Wheat Flour.
Claims use since 1881.

Ser. No. 240,073. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) RUTH FREEDMAN, doing business as Wilstay Company, New York, N. Y. Filed Nov. 15, 1926.



The words "Shoulder Strap Attachments" are disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Lingerie Pins Which are Generally Constructed of Materials Such as White Metal, Brass, or Any Rustproof Nonprecious Metal Ware.
Claims use since Aug. 8, 1925.

Ser. No. 240,076. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL, PREPARATIONS.) WILLIAM S. GRAY & CO., New York, N. Y. Filed Nov. 15, 1926.

ETHENOL

Particular description of goods.—Chemical Products—Namely, Acetone, Methyl Alcohol, Denatured Alcohol, and Mixtures Thereof.
Claims use since Nov. 1, 1926.

Ser. No. 240,182. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GARRETT & COMPANY, INC., Brooklyn, N. Y. Filed Nov. 17, 1926.

Virginia Dare

Particular description of goods.—General Tonic Having a Wine Base.
Claims use since Nov. 5, 1926.

Ser. No. 240,238. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. P. BABCOCK COMPANY, New York, N. Y. Filed Nov. 18, 1926.

Queen Cologne

No claim is made to the word "Cologne" except in conjunction with the other elements of the mark.
Particular description of goods.—Cologne.
Claims use since 1899.

Ser. No. 240,273. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ANTONINO R. MARTINO, doing business as Italy Laboratories, New York, N. Y. Filed Nov. 18, 1926.



The portrait is that of Rudolph Valentino, deceased.
Particular description of goods.—Nonalcoholic Flavoring Extracts for Confectionery and Bakery Uses.
Claims use since Nov. 1, 1926.

Ser. No. 240,278. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SPENCER PERFUME COMPANY, doing business as La Main, South Bend, Ind., and New York, N. Y. Filed Nov. 18, 1926.

LA MAIN

Particular description of goods.—Face Powders, Face Creams, Face Packs, Vanishing Creams, Cosmetic Lotions, Rouges, Lip Sticks, Perfumes, Toilet Waters, Scalp Tonics, Shampoos, Hair Oils, Mouth Washes, Tooth Pastes, Nail Polishes, Eyebrow Pencils, Sachets, Smelling Salts, Dentifrices, Deodorizing Preparations, Talcum Powders, Foot Powders, Bath Salts, and Incenses.
Claims use since Nov. 5, 1926.

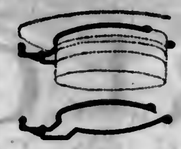
Ser. No. 240,375. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDWARD M. SWING, doing business as M. E. Swing Co., Washington, D. C. Filed Nov. 20, 1926.

TOWN CLUB

Particular description of goods.—Coffee.
Claims use since Nov. 18, 1926.

Ser. No. 240,422. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) LITTLE BEAR SPECIALTIES COMPANY, Kansas City, Mo. Filed Nov. 22, 1926.

"The Stay-Put Hat Rack"



No claim is made to the exclusive use of the words "The, Hat Rack" and the reproduction of the device apart from the mark shown.
Particular description of goods.—Metal Hat Racks.
Claims use since Oct. 10, 1926.

Ser. No. 240,454. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STONE CANDY COMPANY, San Francisco, Calif. Filed Nov. 22, 1926.



The lining and stippling on the drawing are for the purpose of shading only, and all color designations are hereby disclaimed.

Particular description of goods.—Candy, Particularly a Coffee Confection.

Claims use since Oct. 16, 1926.

Ser. No. 240,595. (CLASS 2. RECEPTACLES.) H. P. CHANDLEE SONS CO., doing business as Chandlee Metal Products Co., Baltimore, Md. Filed Nov. 26, 1926.

PRESTO

Particular description of goods.—Refuse Receptacles Having Lever-Operated Movable Covers.

Claims use since about Aug. 15, 1926.

Ser. No. 240,612. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) C. LISCIO & COMPANY, New York, N. Y. Filed Nov. 26, 1926.

IODOFERROL

Particular description of goods.—Blood Purifier.

Claims use since March, 1917.

Ser. No. 240,682. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) REO MOTOR CAR COMPANY, Lansing, Mich. Filed Nov. 27, 1926.

REO

FLYING CLOUD



Particular description of goods.—Automobiles.

Claims use since Nov. 12, 1926.

Ser. No. 240,721. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE KANSAS FLOUR MILLS CORPORATION, doing business as The Moses Bros. Mills, Kansas City, Mo., and Great Bend, Kans. Filed Nov. 29, 1926.



The word "Best" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Wheat Flour.

Claims use since September, 1893.

Ser. No. 240,733. (CLASS 17. TOBACCO PRODUCTS.) R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Filed Nov. 29, 1926.



The vertical lining appearing upon the drawing denotes the color red, and the crosshatching is for the purpose of shading only. The portrait shown on the drawing is fanciful and not that of any living individual. No claim to the right to exclusive use of the words "Crimp Cut," Long Burning Pipe" and "Cigarette Tobacco" is made.

Particular description of goods.—Tobacco—Namely, Smoking Tobacco for Pipes and Cigarettes.

Claims use since Aug. 1, 1907.

Ser. No. 240,738. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) SHELBY CYCLE COMPANY, Shelby, Ohio. Filed Nov. 29, 1926.

WHIPPET

Particular description of goods.—Bicycles.

Claims use since October, 1926.

Ser. No. 240,837. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WILSON-WESTERN SPORTING GOODS COMPANY, Chicago, Ill. Filed Dec. 1, 1926.

Rogers Hornsby

The mark consists of a facsimile of the signature of "Rogers Hornsby" (permission granted).

Particular description of goods.—Baseball Gloves and Baseballs.

Claims use since Aug. 15, 1926.

Ser. No. 240,870. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) MARKWELL MANUFACTURING CO., INC., New York, N. Y. Filed Dec. 2, 1926.

176

Particular description of goods.—Staples for Use in Stapling Together Sheets of Paper, Fiber, Cardboard, and Like Materials, and for Stapling Boards Together in the Manufacture of Boxes and Other Articles.

Claims use since about Nov. 13, 1925.

Ser. No. 240,930. (CLASS 39. CLOTHING.) STANDARD MANUFACTURING CO., INC., Elizabeth City, N. C. Filed Dec. 3, 1926.

ROYAL STANDARD

The word "Standard" is disclaimed apart from the mark as shown.

Particular description of goods.—Hosiery.

Claims use since Jan. 5, 1924.

Ser. No. 240,947. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) F. R. ARNOLD & COMPANY, New York, N. Y. Filed Dec. 4, 1926.

Pavot

"Pavot" is the French equivalent of the word "Poppy."

Particular description of goods.—Toilet Requisites—Namely, Face, Toilet, and Shampoo Powders, Face, Lip, and Finger-Nail Rouges, Eyebrow Crayons, Face Cream, Cold Cream, Toilet Water and Perfumes, Brilliantine, and Bath Salts.

Claims use since Nov. 14, 1924.

Ser. No. 241,028. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BIANCHINI, FERIER, Lyon, France. Filed Dec. 6, 1926.

CARMANKA

Particular description of goods.—Piece Goods of Silk, Wool, and Hairs.

Claims use since Jan. 22, 1926.

Ser. No. 241,104. (CLASS 42. KNITTTD, NETTED, AND TEXTILE FABRICS.) JOSHUA HOYLE & SONS, LTD. INC., New York, N. Y. Filed Dec. 7, 1926.



"A SQUARE SEAL FOR A SQUARE DEAL"

No rights are asserted to the exclusive use of the language "A Square Seal for a Square Deal" and "Fabrics" apart from the mark shown in the drawing.

Particular description of goods.—Woolen Piece Goods, Cotton Piece Goods, Woolen Blankets, Flannel Suitings in the Piece, Automobile Robes, Carriage Robes, and Baby-Carriage Covers of Textile Fabric.

Claims use since Nov. 5, 1926.

Ser. No. 241,173. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MIXING EQUIPMENT CO., INC., New York, N. Y. Filed Dec. 8, 1926.

LIGHTNIN

Particular description of goods.—Electrically-Operated Mixing Equipment.
Claims use since Apr. 30, 1923.

Ser. No. 241,183. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) J. F. RIFE, doing business as The Rife Laboratory, Fresno, Calif. Filed Dec. 8, 1926.

RIFE'S Vapor Gloss THE POLISH THAT DRIES

No claim is made to the exclusive right to use the reading matter shown on the drawing apart from the other features of the mark.
Particular description of goods.—Combination Cleaner, Polish, and Preservative for Automobiles, Furniture, and Articles of Similar Nature.
Claims use since on or about Nov. 1, 1926.

Ser. No. 241,184. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) ROSENBERG, YOCHIM, & STAFFORD, New Orleans, La. Filed Dec. 8, 1926.

Frigola

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverage Sold as a Soft Drink and Sirup for Making the Same.
Claims use since November, 1925.

Ser. No. 241,314. (CLASS 15. OILS AND GREASES.) BENZO-GAS MOTOR FUEL COMPANY, Kansas City, Mo. Filed Dec. 11, 1926.

Benzex

Particular description of goods.—Gasoline.
Claims use since Nov. 15, 1926.

Ser. No. 241,374. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) ANDRE-WHITE CORPORATION, Chicago, Ill. Filed Dec. 13, 1926.

Andre's RADIATOR RECTIFIER

No claim is made to the words "Radiator" and "Rectifier" apart from the mark shown.
Particular description of goods.—Apparatus for Humidifying and Purifying Air.
Claims use since on or about Feb. 15, 1920.

Ser. No. 241,375. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) ANDRE-WHITE CORPORATION, Chicago, Ill. Filed Dec. 13, 1926.

WHITE STAR

Particular description of goods.—Heating-Radiator Humidifying Shields and Covers.
Claims use since on or about Apr. 1, 1922.

Ser. No. 241,394. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) MONROE S. CLAWSON, Upper Montclair, N. J. Filed Dec. 13, 1926.

HIGH LIVER LAMP

No claim is made to the use of the word "Lamp" apart from the mark shown.
Particular description of goods.—Metal Shades for Electric Lights.
Claims use since Nov. 20, 1926.

Ser. No. 241,395. (CLASS 39. CLOTHING.) COLUMBIA KNITTING MILLS, Portland, Oreg. Filed Dec. 13, 1926.

Otter

Particular description of goods.—Swimming Suits, and Woolen Garments—Namely, Woolen Jackets; Knitted Wear—Namely, Scarfs, Coats, Sweaters, and Mittens for Men, Women, and Children.
Claims use since June 1, 1926.

Ser. No. 241,396. (CLASS 39. CLOTHING.) COLUMBIA KNITTING MILLS, Portland, Oreg. Filed Dec. 13, 1926.

Seamaid

Particular description of goods.—Swimming Suits, and Woolen Garments—Namely, Woolen Jackets; Knitted Wear—Namely, Scarfs, Coats, Sweaters, and Mittens for Men, Women, and Children.
Claims use since June 1, 1926.

Ser. No. 241,402. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EMSACO LABORATORIES, INC., Brooklyn, N. Y. Filed Dec. 13, 1926.

MAGNEES-O-MINT

The word "Mint" is disclaimed apart from the mark shown. The trade-mark is green in color with outlines of black.
Particular description of goods.—Laxatives.
Claims use since Nov. 18, 1926.

Ser. No. 241,406. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Dec. 13, 1926.



No claim is made to the words "Regular" or "Cord" apart from the mark as shown.
Particular description of goods.—Pneumatic Tires.
Claims use since Mar. 3, 1926.

Ser. No. 241,419. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) A. H. LLOYD, doing business as The Alberoyd Company, Esmont, Va. Filed Dec. 13, 1926.

ALBEROYD

Particular description of goods.—Crushed and Ground and Pulverized Stone.
Claims use since Sept. 1, 1924.

Ser. No. 241,420. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. G. MACEACHEN, doing business as Sanitary Supply Co., San Francisco, Calif. Filed Dec. 13, 1926.

HEXOL

Particular description of goods.—Disinfectants.
Claims use since Sept. 2, 1926.

Ser. No. 241,440. (CLASS 39. CLOTHING.) RICE-STIX DRY GOODS COMPANY, St. Louis, Mo. Filed Dec. 13, 1926.

NOON-DAY

Particular description of goods.—Ladies' and Children's Frocks and Dresses.
Claims use since Dec. 3, 1926.

Ser. No. 241,445. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE SHAW FAMILY, INC., San Jose, Calif. Filed Dec. 13, 1926.

Anjellaise

Particular description of goods.—Food Dressing in the Form of a Sauce Composed of Fruit and Vegetable Products for Use in All Kinds of Desserts and Food Products.
Claims use since Aug. 25, 1926.

Ser. No. 241,453. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THURNHER & UPTON CO., West New York, N. J. Filed Dec. 13, 1926.



The descriptive slogan "It Must be Right" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Laces and Embroideries as Manufactured in the Piece.
Claims use since Oct. 5, 1925.

Ser. No. 241,475. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass. Filed Dec. 14, 1926.



No claim is here made to the word "Balloon" or to the representation of a tire casing.

Particular description of goods.—Vehicle Tires Made Wholly or Partly of Rubber.

Claims use since Feb. 25, 1926.

Ser. No. 241,476. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Dec. 14, 1926.



The lining in the drawing indicates the color blue. No claim is made to the representation of a tire casing.

Particular description of goods.—Tire and Tube Patches and Tire and Tube Repair Outfits.

Claims use since Dec. 15, 1925.

Ser. No. 241,494. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ADOLPH NELSON, doing business as The Synflex Company, Seattle, Wash. Filed Dec. 14, 1926.

SynFlex

Particular description of goods.—Electric Belts.

Claims use since Sept. 1, 1926.

Ser. No. 241,501. (CLASS 23. CUTLERY, MACHINERY AND TOOLS, AND PARTS THEREOF.) SPEEDER MACHINERY CORPORATION, Fairfield, Iowa. Filed Dec. 14, 1926.

SPEEDER

Particular description of goods.—Gasoline Shovels, Cranes, and Drag Lines.

Claims use since Jan. 1, 1926.

Ser. No. 241,509. (CLASS 11. INKS AND INKING MATERIALS.) THE AMERICAN CRAYON COMPANY, Sandusky, Ohio. Filed Dec. 15, 1926.

PENTEX

Particular description of goods.—Writing Ink.

Claims use since Nov. 1, 1926.

Ser. No. 241,522. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) ELECTROL, INC. OF MISSOURI, St. Louis, Mo. Filed Dec. 15, 1926.



No claim is made to the representation of an oil burner apart from the mark shown.

Particular description of goods.—Domestic Oil Burners.

Claims use since April, 1926.

Ser. No. 241,572. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HYLTON FLOUR MILLS, INC., Ogden, Utah. Filed Dec. 16, 1926.



The expression "Good Biskut" is disclaimed apart from the other features of the mark shown in the drawing.

Particular description of goods.—Wheat Flour.

Claims use since January, 1919.

Ser. No. 241,577. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) LEONHARDT & CO., Schoeneberg, Germany. Filed Dec. 16, 1926.

L Co

Particular description of goods.—Horseshoe Studs.

Claims use since Jan. 27, 1897.

Ser. No. 241,585. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SCIENTIFIC PRODUCTS, INC., Chicago, Ill. Filed Dec. 16, 1926.



The lining of drawing is for shading purposes only. No claim is made to the word "Rub" apart from the mark shown.

Particular description of goods.—Medicinal Salve.

Claims use since Sept. 1, 1926.

Ser. No. 241,591. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) UNITED MANUFACTURING CO., Philadelphia, Pa. Filed Dec. 16, 1926.

UNITED

Particular description of goods.—Portable Showers and Shower Sprays.

Claims use since Feb. 21, 1922.

Ser. No. 241,594. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) WALKER PRODUCTS COMPANY, New York, N. Y. Filed Dec. 16, 1926.

MIGNONPHONE

The mark consists of the coined word "Mignonphone."

Particular description of goods.—Phonographs and Phonograph Sound Boxes and Phonograph Needles.

Claims use since October, 1924.

Ser. No. 241,617. (CLASS 39. CLOTHING.) JOSEPH B. HABER, INC., Philadelphia, Pa. Filed Dec. 17, 1926.

CAMPFIRE
SPORT SWEATERS

No claim is made to the exclusive right to use the words "Sport Sweaters" except in connection with the mark as shown.

Particular description of goods.—Women's, Men's, and Children's Sweaters.

Claims use since Oct. 28, 1926.

Ser. No. 241,666. (CLASS 39. CLOTHING.) CHARLES S. MERTON & CO., East Rutherford, N. J., and New York, N. Y. Filed Dec. 18, 1926.



No claim is made to the exclusive use of the words "New York" apart from the mark as shown in the drawing.

Particular description of goods.—Hats, Caps, Knickers, Scarfs, Scarf Coats, and Skating Coats for Men, Youths, and Boys.

Claims use since August, 1923.

Ser. No. 241,667. (CLASS 39. CLOTHING.) CHARLES S. MERTON & CO., East Rutherford, N. J., and New York, N. Y. Filed Dec. 18, 1926.



Particular description of goods.—Hats, Caps, Knickers, Scarfs, Scarf Coats, and Skating Coats for Men, Youths, and Boys.
Claims use since March, 1926.

Ser. No. 241,693. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SIDNEY R. BROWN, doing business as Port-Houston Polish Company, Houston, Tex. Filed Dec. 20, 1926.



Applicant disclaims the right to the exclusive use of the words "Port Houston Polish" apart from the mark shown.
Particular description of goods.—Polisher and Cleanser in the Nature of a Furniture or Automobile Polish, Put Up in Liquid Form.
Claims use since Nov. 29, 1926.

Ser. No. 241,694. (CLASS 45. BEVERAGES, NONALCOHOLIC.) CALEDONIA SPRINGS COMPANY, LIMITED, Montreal, Quebec, Canada. Filed Dec. 20, 1926.



Disclaimer is hereby made to the words "Ginger Ale" and "Sec" apart from the other features of the mark shown in the drawing.
Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks and Ginger Ale.
Claims use since July 1, 1926.

Ser. No. 241,701. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) M. DOOS, SONS & COMPANY, New York, N. Y. Filed Dec. 20, 1926.



The picture shown in the drawing is merely fanciful. No claim is made to the words "A Man's Handkerchief." "Imported," "Color and Cloth Guaranty," and "Switzerland" apart from the mark shown on the drawing.
Particular description of goods.—Handkerchief.
Claims use since Nov. 29, 1926.

Ser. No. 241,727. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBERT A. JOHNSTON CO., Milwaukee, Wis. Filed Dec. 20, 1926.

ROMA

Particular description of goods.—Sandwich Cooky, a Biscuit Product.
Claims use since July 25, 1924.

Ser. No. 241,738. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) MAYER ARCH SUPPORT COMPANY, Milwaukee, Wis. Filed Dec. 20, 1926.



No claim is made to the words "Cork Cushion Arch Support" apart from the mark shown in the drawing.
Particular description of goods.—Arch Supporters.
Claims use since Mar. 23, 1923.

Ser. No. 241,768. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) MRS. DORA F. BEAUCHAMP, doing business as Doro-Bo Co., Brooklyn, N. Y. Filed Dec. 21, 1926.

REVERSO

Particular description of goods.—Automobile Rear-View Mirrors.
Claims use since Mar. 30, 1926.

Ser. No. 241,817. (CLASS 35. BELTING, HOSE, MACHINERY PACKING AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Dec. 22, 1926.



No claim is here made to the representation of a tire casing.
Particular description of goods.—Rubber Inner Tubes for Pneumatic Tires, Tire Patches, Tube Patches, Tire-Repair Kits, Sectional Air Bags for Tire Repairing, Tire Flaps, Reliners, and Valve Pads.
Claims use since 1914.

Ser. No. 241,821. (CLASS 45. BEVERAGES, NONALCOHOLIC.) GOLDMAN & FREIMAN BOTTLING CO., INC., Baltimore, Md. Filed Dec. 22, 1926.

LORD CALVERT

"Lord Calvert."
Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks—Viz, Ginger Ale and Other Flavors.
Claims use since Sept. 1, 1926.

Ser. No. 241,847. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) THERMWOOL PRODUCTS CO. INC., New York, N. Y. Filed Dec. 22, 1926.

THERMWOOL

The word "Wool" is disclaimed apart from the mark as shown.
Particular description of goods.—Ironing Cushion Pads.
Claims use since July 26, 1926.

Ser. No. 241,853. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) AMERICAN ELECTRIC MOTOR COMPANY, Milwaukee, Wis. Filed Dec. 23, 1926.



No claim is made to the word "American" apart from the mark shown in the drawing. The vertically-shaded backgrounds appear in red.
Particular description of goods.—Electric Motors.
Claims use since Nov. 22, 1926.

Ser. No. 241,855. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANCESTRAL MEDICINE CO., Osawatomie, Kans. Filed Dec. 23, 1926.

ANCESTRAL OIL



The word "Oil" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Medicine Consisting of an Oil for External Use.

Claims use since March, 1893.

Ser. No. 241,860. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) W. G. BLOCK COMPANY, Davenport, Iowa. Filed Dec. 23, 1926.

KENTUCKY JACK
A HOT COAL

The use of the separate words "Kentucky," "A," "Heat," and "Coal" is disclaimed except in connection with the trade-mark as shown.

Particular description of goods.—Coal.

Claims use since 1921.

Ser. No. 241,862. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) W. G. BLOCK COMPANY, Davenport, Iowa. Filed Dec. 23, 1926.

BONNY BRIER COAL

Exclusive use of the word "Coal" is disclaimed except in connection with the trade-mark as shown.

Particular description of goods.—Coal.

Claims use since 1921.

Ser. No. 241,886. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) JOHNSON MOTOR CO., South Bend, Ind. Filed Dec. 23, 1926.

AQUAFLYER

Particular description of goods.—Rowboats and Motor Boats.

Claims use since Nov. 15, 1926.

Ser. No. 241,917. (CLASS 18. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) WRIGHTSVILLE HARDWARE COMPANY, Wrightsville, Pa. Filed Dec. 23, 1926.

KWIKBAKE

Particular description of goods.—Waffle Irons, Not Electrical.

Claims use since Nov. 3, 1926.

Ser. No. 241,919. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE ATLANTIC ENAMEL AND LACQUER WORKS, INC., New York, N. Y. Filed Dec. 24, 1926.

Atlantis

Particular description of goods.—Paste and Ready-Mixed Paints, Varnishes, and Lacquers.

Claims use since May 19, 1926.

Ser. No. 241,980. (CLASS 39. CLOTHING.) THE BOSS MANUFACTURING COMPANY, Kewanee, Ill. Filed Dec. 27, 1926.

RAILWAY

LIMITED

Particular description of goods.—Fabric Gloves and Mittens.

Claims use since Dec. 1, 1926.

Ser. No. 241,981. (CLASS 39. CLOTHING.) THE BOSS MANUFACTURING COMPANY, Kewanee, Ill. Filed Dec. 27, 1926.

RAILWAY

FLYER

Particular description of goods.—Fabric Gloves and Mittens.

Claims use since Dec. 1, 1926.

Ser. No. 241,990. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES. DELTA ELECTRIC CO., Marion, Ind. Filed Dec. 27, 1926.

PARALITE

Particular description of goods.—Electric Vehicle Lamps.

Claims use since Oct. 20, 1926.

Ser. No. 241,994. (CLASS 35. BELTING, HOSE, MACHINERY PACKING AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Dec. 27, 1926.



No claim is made to the representation of a tire casing.

Particular description of goods.—Vehicle Tires Made Wholly or Partly of Rubber.

Claims use since Mar. 21, 1924.

Ser. No. 242,010. (CLASS 2. RECEPTACLES.) L. J. LEON MFG. COMPANY, Chicago, Ill. Filed Dec. 27, 1926.

LEON

Particular description of goods.—Bird Cages.

Claims use since Apr. 18, 1925.

Ser. No. 242,013. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) LESLIE CALIFORNIA SALT CO., San Francisco, Calif. Filed Dec. 27, 1926.

PYRAMID
BRAND



Applicant disclaims for its mark, exclusive use of the words "Brand" and "Salt for Shakers" except in the exact association and relation in which they appear. The vertical lining of drawing is intended to denote the color red.

Particular description of goods.—Table Salt.

Claims use since 1910.

Ser. No. 242,083. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) CAPTO PRODUCTS CO. INC., Belleville, N. J. Filed Dec. 29, 1926.



No claim is made to the exclusive use of the words "Corns and Warts, Belleville, N. J.," apart from the mark shown in the drawing.

Particular description of goods.—Preparation for the Treatment of Corns, Warts, and Calli.

Claims use since Nov. 17, 1926.

Ser. No. 242,173. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) JOSE CRUZ, Ansonia, Conn. Filed Dec. 30, 1926.

CRUZ
COLLAPSIBLE RIM

The words "Collapsible Rim" are disclaimed apart from the mark as shown in the drawing.

Particular description of goods.—Automobile Rim for the Wheels of Automobiles.

Claims use since July 1, 1924.

Ser. No. 242,174. (CLASS 10. FERTILIZERS.) JAMES STANLEY FALCK, doing business as Squanette Plant Fude Company, Washington, D. C. Filed Dec. 30, 1926.

SQUANETTES

Particular description of goods.—Plant Foods.

Claims use since Nov. 1, 1926.

Ser. No. 242,196. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) INTERSTATE LABORATORIES, INC., Atlanta, Ga. Filed Dec. 30, 1926.

Digestamint

Particular description of goods.—Medical Preparation for the Treatment of Hyperacidity, Fermentation, and Gas Formation.

Claims use since Oct. 16, 1926.

Ser. No. 242,200. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) RAYNOR MEAD, doing business as Tast-T-Mint Co., New York, N. Y. Filed Dec. 30, 1926.

TAST-T-MINT

No claim is made to the exclusive use of the word "Mint" apart from the mark as shown in the drawing.

Particular description of goods.—Medicated Mint for the Treatment of Indigestion.

Claims use since Dec. 6, 1926.

Ser. No. 242,210. (CLASS 4. ABRASIVE, DETERGENT AND POLISHING MATERIALS.) RANDALL PRODUCTS CORPORATION, Stapleton, N. Y. Filed Dec. 30, 1926.



Particular description of goods.—Cream Metal Polish and Cleaner.

Claims use since Dec. 17, 1926.

Ser. No. 242,215. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) F. M. STUCKEY & COMPANY, Wichita Falls, Tex. Filed Dec. 30, 1926.

MAM'S

Particular description of goods.—Salve for Cuts, Bruises, Burns, and Running Sores.

Claims use since May 1, 1926.

Ser. No. 242,216. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SUPREME ELECTRIC MFG. CO., Chicago, Ill. Filed Dec. 30, 1926.

SUPERTROLE

Particular description of goods.—Electrical Apparatus Consisting of Battery Chargers and Rechargers.

Claims use since Sept. 1, 1926.

Ser. No. 242,230. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GLASSMOBILE CORPORATION, Detroit, Mich. Filed Dec. 31, 1926.

NIGHT HAWK

Particular description of goods.—Electric Spotlights for Vehicles.

Claims use since Dec. 14, 1926.

Ser. No. 242,240. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MOLINE CONSUMERS COMPANY, Moline, Ill. Filed Dec. 31, 1926.

LUCKY STRIKE

Particular description of goods.—Coal.

Claims use since Apr. 23, 1926.

Ser. No. 242,297. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KERR PRODUCTS COMPANY, INC., Sacramento, Calif. Filed Jan. 3, 1927.

GRANDMA'S

Particular description of goods.—Potato Flakes, Tomato Chowchow, Dill Relish, Sweet Tomato and Cucumber Relish and Sour Tomato and Cucumber Relish, Vegetable Relish, Sweet Pickles, Sour Pickles, Dill Pickles, Sandwich Pickles, Dixie Sweets Pickles, Mixed Sweet Pickles, Peanut Butter, Plantation Sweets Pickles, Sweet Chowchow, Cucumber Chow, Chowchow, Horse-Radish, Spanish-Style Mustard, Mexican Hot Sauce, and Wax Peppers (Pickled).

Claims use since Mar. 17, 1923.

Ser. No. 242,312. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) ALBERT J. ROUGH, doing business as Tryco Company, Minneapolis, Minn. Filed Jan. 3, 1927.

TRYCO

Particular description of goods.—Foot Ointment.

Claims use since Sept. 1, 1926.

Ser. No. 242,329. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) ZIV STEEL & WIRE COMPANY, Chicago, Ill. Filed Jan. 3, 1927.

ZIVCO

Particular description of goods.—Drill and Tool Steel.

Claims use since February, 1923.

Ser. No. 242,333. (CLASS 39. CLOTHING.) ELOESSER-HEYNEMANN COMPANY, San Francisco, Calif. Filed Jan. 4, 1927.

BANTAMS

Particular description of goods.—Children's Clothing and Children's Overalls.

Claims use since on or about Feb. 18, 1922, on children's clothing and since May 4, 1920, on overalls.

Ser. No. 242,336. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) GRAY MILLER CORPORATION, Fernwood, Pa. Filed Jan. 4, 1927.

MILRAY

Particular description of goods.—Liquid Flea Soap.

Claims use since Oct. 13, 1926.

Ser. No. 242,342. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) LESTER PIANO COMPANY, Philadelphia, Pa. Filed Jan. 4, 1927.

REGENT

Particular description of goods.—Pianos.

Claims use since June 6, 1926.

Ser. No. 242,345. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MEADOR AND YOUNG, Nashville, Tenn. Filed Jan. 4, 1927.

GOLDEN ROD

Particular description of goods.—Coal.

Claims use since Nov. 1, 1926.

Ser. No. 242,348. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARK LABORATORY COMPANY, San Antonio, Tex. Filed Jan. 4, 1927.

Grand Ma's



Particular description of goods.—Sarsaparilla for Medicinal Use, Carbolic Salve, Arnica Salve, Perfumed Talcum, Corn Cure, Liniment, Liver and Stomach Tea, Chocolate Vermifuge; Pills for the Treatment of Headache, Dizziness, Biliousness, Torpid Liver; Eye Water, Eye Salve, Witch-Hazel Salve, Toothache Drops, Chill and Fever Sirup, and Cough Cure.
Claims use since May, 1898.

Ser. No. 242,351. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) IVAN M. PROKOFIEFF, New York, N. Y. Filed Jan. 4, 1927.

ZYNA

Particular description of goods.—Salves and Creams for the Treatment of the Hair and Skin.
Claims use since Nov. 1, 1926.

Ser. No. 242,361. (CLASS 12. CONSTRUCTION MATERIALS.) THE ARGUS MANUFACTURING COMPANY, Cleveland, Ohio. Filed Jan. 5, 1927.

MASTICRETE

Particular description of goods.—Material for Resurfacing and Patching Concrete and Brick Floors and the Like.
Claims use since on or about Oct. 1, 1926.

Ser. No. 242,368. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed Jan. 5, 1927.

SULFANTHRENE

Particular description of goods.—Dyestuffs.
Claims use since June 1, 1923.

Ser. No. 242,378. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) SAMUEL A. LESCHIN, doing business as Bi-A-Pak Cigarette Vending Machine Co., Cleveland, Ohio. Filed Jan. 5, 1927.

BI-A-PAK

Particular description of goods.—Vending Machines.
Claims use since Dec. 1, 1926.

Ser. No. 242,380. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) D. LISNER & CO. INC., New York, N. Y. Filed Jan. 5, 1927.

CRYSTALIA

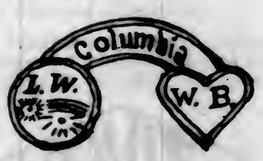
Particular description of goods.—Jewelry for Personal Adornment, Not Including Watches.
Claims use since Dec. 1, 1926.

Ser. No. 242,394. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) PAUL ROUSSEY, Brooklyn, N. Y. Filed Jan. 5, 1927.

Miwonder

Particular description of goods.—Glass and Metal Polish.
Claims use since Nov. 24, 1926.

Ser. No. 242,399. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) UNITED HARDWARE & TOOL CORPORATION, New York, N. Y. Filed Jan. 5, 1927.



No claim is made to the exclusive use of the word "Columbia" apart from the mark shown in the drawing.
Particular description of goods.—Carpenters' Planes, Saws, and Benches.
Claims use since 1918.

Ser. No. 242,423. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HAROLD L. FROST, doing business as Frost Farms, Littleton and Arlington, Mass. Filed Jan. 6, 1927.



Particular description of goods.—Fresh Deciduous Fruit.
Claims use since 1913.

Ser. No. 242,434. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN MATOSKA, doing business as Bradford Packing Co., Baltimore, Md. Filed Jan. 6, 1927.

CAMPING

The trade-mark consists merely in the word "Camping."
Particular description of goods.—Canned Vegetables.
Claims use since October, 1923.

Ser. No. 242,440. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) REMINGTON TYPEWRITER COMPANY, Ilion and New York, N. Y. Filed Jan. 6, 1927.



The lining expresses the color red. The essential features of the mark are the representation of a red seal or disk bearing the word "Remington." The representation of a typewriting machine, together with all the wording on the seal except the word "Remington," is disclaimed.
Particular description of goods.—Adding and Accounting Machines.
Claims use since about 1907.

Ser. No. 242,479. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) HENRY GREENBERG, Brooklyn, N. Y. Filed Jan. 7, 1927.

CENTURY

Particular description of goods.—Hones.
Claims use since Nov. 25, 1925.

Ser. No. 242,524. (CLASS 46. FOODS AND INGREDIENTS OF FOODS. DIXIE PECAN GROWERS EXCHANGE, INC., Barnesville, Ga. Filed Jan. 8, 1927.

DIXIE DeLUXE

Particular description of goods.—Pecans in Their Natural State.
Claims use since 1921.

Ser. No. 242,530. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FISHER FLOURING MILLS COMPANY, Seattle, Wash. Filed Jan. 8, 1927.

PARASOL



Particular description of goods.—Wheat Flour.
Claims use since Aug. 5, 1926.

Ser. No. 242,576. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEWIS R. DONELSON, Jr., Memphis, Tenn. Filed Jan. 10, 1927.

BETTER MAID

Particular description of goods.—Baking Powder.
Claims use since June 17, 1923.

Ser. No. 242,579. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROBERT EUSTER, doing business as Wine Taste Laxative Co., Middlesboro, Ky. Filed Jan. 10, 1927.

WINE TASTE

No claim is made to the words "Wine Taste" apart from the mark shown.
Particular description of goods.—Laxative Medicine.
Claims use since June 20, 1926.

Ser. No. 242,584. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GREAT LAKES VARNISH WORKS, INC., Chicago, Ill. Filed Jan. 10, 1927.

LINOTEX

Particular description of goods.—Ready-Mixed Paints.
Claims use since July 28, 1925.

Ser. No. 242,594. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) K. O. SUPPLY COMPANY, INC., Portland, Oreg. Filed Jan. 10, 1927.

K·O

Particular description of goods.—Dog and Puppy Biscuits.
Claims use since May 1, 1926.

Ser. No. 242,601. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MATTHAEI BAKING CO., Tacoma, Wash. Filed Jan. 10, 1927.



Particular description of goods.—Bread, Crackers, Cakes, Cookies, and Buns.
Claims use since Oct. 3, 1926.

Ser. No. 242,609. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ALFRED B. PARKER, doing business as Nu-Tone Products Co., Portland, Oreg. Filed Jan. 10, 1927.

NU-TONE

Particular description of goods.—Rug, Carpet, Upholstery, Furniture, Wall-Paper, and Enamel Cleaner.
Claims use since Sept. 1, 1926.

Ser. No. 242,632. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TILLAMOOK BAY FISH CO., Bay City, Oregon. Filed Jan. 10, 1927.

ROMEO

Particular description of goods.—Canned Salmon and Clams.
Claims use since Dec. 1, 1922.

Ser. No. 242,637. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VESTAL CHEMICAL CO., St. Louis, Mo. Filed Jan. 10, 1927.

Liqua-Sol

Particular description of goods.—Antiseptic and Disinfectant.
Claims use since June, 1926.

Ser. No. 242,653. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) E. E. BLACKLEDGE, doing business as E. E. Blackledge Co., Polson, Mont. Filed Jan. 11, 1927.

Ruberhon

Particular description of goods.—Waterproof Leather Dressing.
Claims use since Oct. 1, 1925.

Ser. No. 242,673. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LA SALLE PRODUCTS, INC., St. Paul, Minn. Filed Jan. 11, 1927.

CINDERELLA

Particular description of goods.—Perfume, Toilet Water, Talcum Powder, Rouges, Brilliantine, Bath Salts, and Hair Tonic.
Claims use since Oct. 1, 1926.

Ser. No. 242,695. (CLASS 37. PAPER AND STATIONERY.) THE STANDARD DIARY COMPANY, Cambridge, Mass. Filed Jan. 11, 1927.

MILE STONES

Particular description of goods.—Diaries.
Claims use since Dec. 29, 1926.

Ser. No. 242,700. (CLASS 37. PAPER AND STATIONERY.) AMERICAN TISSUE MILLS, Holyoke, Mass. Filed Jan. 12, 1927.

VELVETENE

Particular description of goods.—Crepe Paper of Various Colors and Combinations of Colors in Rolls, Folds, and Other Packages.
Claims use since May, 1924.

Ser. No. 242,707. (CLASS 39. CLOTHING.) CLEVELAND & WHITEHILL CO., Newburgh, N. Y. Filed Jan. 12, 1927.

Keystone

Particular description of goods.—Men's Caps.
Claims use since about Oct. 29, 1926.

Ser. No. 242,712. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DULUTH-SUPERIOR MILLING COMPANY, Duluth, Minn., and New York, N. Y. Filed Jan. 12, 1927.

AMBO

Particular description of goods.—Durum Semolina.
Claims use since Dec. 28, 1926.

Ser. No. 242,713. (CLASS 37. PAPER AND STATIONERY.) EASTMAN KODAK COMPANY, Rochester, N. Y. Filed Jan. 12, 1927.

KODAGRAPH

Particular description of goods.—Albums.
Claims use since on or about May 26, 1925.

Ser. No. 242,714. (CLASS 37. PAPER AND STATIONERY.) EASTMAN KODAK COMPANY, Rochester, N. Y. Filed Jan. 12, 1927.

KODAK

Particular description of goods.—Albums.
Claims use since 1894.

Ser. No. 242,717. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FILTER-FLEX RADIO CORP., Los Angeles, Calif. Filed Jan. 12, 1927.

Filter-Flex.

Particular description of goods.—Radio Receiving Sets.
Claims use since on or about Oct. 19, 1925.

Ser. No. 242,727. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) KENOVA ICE & COLD STORAGE CO., Kenova, W. Va. Filed Jan. 12, 1927.



Particular description of goods.—Soap.
Claims use since Dec. 1, 1926.

Ser. No. 242,759. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS. STEPHEN SPYRON, Hot Springs National Park, Ark. Filed Jan. 12, 1927.



Particular description of goods.—Cleaner for Silverware, Forks, Knives, and Spoons; for Pots, Casseroles, Chafing Dishes; for Silver Plates and Covers; for Sugar Bowls, Glass, Silver, or Crockery; for Glass Window Panes and Mirrors; for Marbles, Marble Counter and Table Tops, Tiles, and Tubs; for Wearing Apparel; and for the Hands.
Claims use since Apr. 25, 1923.

Ser. No. 242,760. (CLASS 37. PAPER AND STATIONERY.) STRATHMORE PAPER COMPANY, Mittineague, Mass. Filed Jan. 12, 1927.

COCKATOO

Particular description of goods.—Writing and Printing Paper.
Claims use since Dec. 31, 1926.

Ser. No. 242,762. (CLASS 37. PAPER AND STATIONERY.) WORTENDYKE MANUFACTURING CO., Richmond, Va. Filed Jan. 12, 1927.

Cotolint

Particular description of goods.—Toilet Paper, Paper Towels, and Paper Napkins.
Claims use since Dec. 29, 1926.

Ser. No. 242,773. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BLUE HILL CANDY CO., St. Louis, Mo. Filed Jan. 13, 1927.



No claim is made to the lining, which indicates the colors, red, blue, yellow, green, brown, and black on the drawing.
Particular description of goods.—Candies.
Claims use since Jan. 10, 1927.

Ser. No. 242,792. (CLASS 39. CLOTHING.) WALTER A. MULLER CO., INC., San Francisco, Calif. Filed Jan. 13, 1927.

Olympian

Particular description of goods.—Ladies', Misses', and Children's Hats.
Claims use since Dec. 20, 1926.

Ser. No. 242,793. (CLASS 39. CLOTHING.) WALTER A. MULLER CO., INC., San Francisco, Calif. Filed Jan. 13, 1927.

MANDARIN

Particular description of goods.—Ladies', Misses', and Children's Hats.
Claims use since Dec. 10, 1926.

Ser. No. 242,796. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) PYRENE MANUFACTURING COMPANY, Newark, N. J. Filed Jan. 13, 1927.

Pyrene

Particular description of goods.—Heat Indicators for Internal-Combustion Engines.
Claims use since February, 1923.

Ser. No. 242,802. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) SAMUEL WARD MANUFACTURING COMPANY, Boston, Mass. Filed Jan. 13, 1927.

Write A Line

Particular description of goods.—Portfolios.
Claims use since May, 1925.

Ser. No. 242,820. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COLLEGE INN FOOD PRODUCTS CO., Chicago, Ill. Filed Jan. 14, 1927.

COLLEGE INN

Particular description of goods.—Canned Food Product—Namely, Roast Long Island Duck, Cream-of-Celery Soup, Chop Suey Vegetables, and Duck Soup.
Claims use since Jan. 10, 1926.

Ser. No. 242,823. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE DE LONG HOOK AND EYE COMPANY, Philadelphia, Pa. Filed Jan. 14, 1927.

DELNAPS
DELNAPS

Particular description of goods.—Sanitary Napkins.
Claims use since Jan. 4, 1926.

Ser. No. 242,841. (CLASS 38. PRINTS AND PUBLICATIONS.) ALBERT MACRAE, Chicago, Ill.; Los Angeles, Calif.; and New York, N. Y. Filed Jan. 14, 1927.

The Santa Fe Magazine

Exclusive use of the word "Magazine" is disclaimed apart from the mark shown. The mark "The Santa Fe Magazine."
Particular description of goods.—Monthly Magazine.
Claims use since January, 1913.

Ser. No. 242,873. (CLASS 10. FERTILIZERS.) WILBUR ELLIS COMPANY, San Francisco, Calif. Filed Jan. 14, 1927.

LIGHTHOUSE

FISH MEAL

The words "Fish Meal" are disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Fertilizer—Namely, Fish Meal.
Claims use since Aug. 2, 1926.

Ser. No. 242,881. (CLASS 2. RECEPTACLES.) DAVIS COOPERAGE COMPANY, Martinsville, Ind. Filed Jan. 15, 1927.

J-landy J-andy

Particular description of goods.—Wooden Kegs.
Claims use since Oct. 1, 1926.

Ser. No. 242,888. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GORDON DRUG COMPANY, Chattanooga, Tenn. Filed Jan. 15, 1927.



The portrait appearing in drawing is that of Harry J. Gordon, a member of the firm.

Particular description of goods.—Medicine Known as "Gordon's No. 30" for Fever, Colds, Malaria, and Constipation.

Claims use since Dec. 8, 1926.

Ser. No. 242,890. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MORTIMOR JACOBS, Newark, N. J. Filed Jan. 15, 1927.

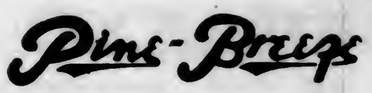


The word "Tube" is disclaimed apart from the other features of the mark.

Particular description of goods.—Venereal Prophylactic.

Claims use since May, 1926.

Ser. No. 242,911. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAN-I-SAL LABORATORIES, INC., Washington, D. C. Filed Jan. 15, 1927.



Particular description of goods.—Shampoo.

Claims use since February, 1924.

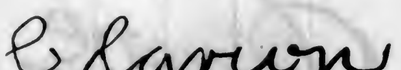
Ser. No. 242,914. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) SAUQUOIT PAPER CO. INC., New Hartford, N. Y. Filed Jan. 15, 1927.



Particular description of goods.—Sanitary Pads.

Claims use since Mar. 19, 1926.

Ser. No. 242,921. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) H. & A. SELMER, INC., New York, N. Y. Filed Jan. 15, 1927.



Particular description of goods.—Crystal and Rubber Combination Mouthpieces for Wind Instruments.

Claims use since April, 1926.

Ser. No. 242,925. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) T. & O., New York, N. Y. Filed Jan. 15, 1927.



Particular description of goods.—Nail Polishes, Lip Sticks, Lip Pastes, Pomades, Talcum Powders, Eyebrow Pencils, Skin Lotions, Skin Powders, and Hairdressings.

Claims use since July, 1923.

Ser. No. 242,927. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CHARLES TOPKIS, Wilmington, Del. Filed Jan. 15, 1927.



No claim is made to the surname "Topkis" nor to the word "Fast" apart from the connection shown in the drawing.

Particular description of goods.—Cotton Piece Goods.

Claims use since Dec. 17, 1926.

Ser. No. 242,936. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE YOUNGSTOWN SHEET AND TUBE COMPANY, Youngstown, Ohio. Filed Jan. 15, 1927.



Particular description of goods.—Tin Plate.

Claims use since Oct. 23, 1926.

Ser. No. 242,937. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE YOUNGSTOWN SHEET AND TUBE COMPANY, Youngstown, Ohio. Filed Jan. 15, 1927.



Particular description of goods.—Tin Plate.

Claims use since Oct. 23, 1926.

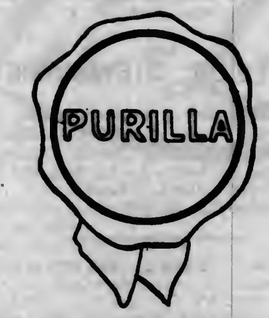
Ser. No. 242,952. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) HUFF DALAND AIRPLANES, INC., Bristol, Pa. Filed Jan. 17, 1927.



Particular description of goods.—Airplanes.

Claims use since April, 1925.

Ser. No. 242,953. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) ILLINOIS PURE ALUMINUM CO., Lemont, Ill. Filed Jan. 17, 1927.



Particular description of goods.—Aluminum Kitchen and Cooking Utensils Consisting of Teakettles, Teapots, Percolators, Pie Plates, Pudding Pans, Colanders, Sauce Pans and Pots, Preserving Kettles and Pots, Roasters, Cake Pans, Convex Kettles and Pots, Dish Pans, Double Boilers, Fry Pans, and Griddles.

Claims use since September, 1926.

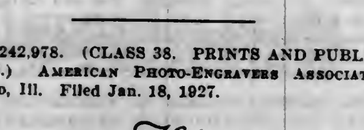
Ser. No. 242,961. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) NATIONAL APPLIANCES INSTALLATIONS, INC., New York, N. Y. Filed Jan. 17, 1927.



Particular description of goods.—Oil Burners.

Claims use since Feb. 1, 1926.

Ser. No. 242,974. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) WADSWORTH HOWLAND & CO., INCORPORATED, Boston, Mass. Filed Jan. 17, 1927.



Particular description of goods.—Liquid Paint and Enamel.

Claims use since Jan. 13, 1927.

Ser. No. 242,978. (CLASS 38. PRINTS AND PUBLICATIONS.) AMERICAN PHOTO-ENGRAVERS ASSOCIATION, Chicago, Ill. Filed Jan. 18, 1927.



Particular description of goods.—Monthly Publication.

Claims use since 1911.

Ser. No. 242,987. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) J. L. EICHOLZ, doing business as Irogen Co., Los Angeles, Calif. Filed Jan. 18, 1927.



Particular description of goods.—Electromagnetic Belts for Medical Purposes.

Claims use since Jan. 6, 1927.

Ser. No. 243,035. (CLASS 38. PRINTS AND PUBLICATIONS.) THE CONRAD COMPANY INC., New York, N. Y. Filed Jan. 19, 1927.



Particular description of goods.—Magazines Issued Quarterly.

Claims use since February, 1925.

Ser. No. 243,037. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN DECK, doing business as Washington Product Co., Cincinnati, Ohio. Filed Jan. 19, 1927.

KNOX-FREEZE

Particular description of goods.—Nonfreeze Solution for Automobile Radiators.
Claims use since Jan. 10, 1925.

Ser. No. 243,080. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BAKER-MAYES CO., South Omaha, Nebr. Filed Jan. 20, 1927.

Necro-cide

Particular description of goods.—Preparation for the Treatment of Necrotic Enteritis, Flu, and Mixed Infection in Hogs.
Claims use since 1923.

Ser. No. 243,090. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HEINE & Co., New York, N. Y. Filed Jan. 20, 1927.

ANTHODOR

Particular description of goods.—Perfumes and Natural and Synthetic Oils Suitable for Perfumery Purposes.
Claims use since Dec. 23, 1926.

Ser. No. 243,103. (CLASS 38. PRINTS AND PUBLICATIONS.) JOS. A. MORRIS & Co., New York, N. Y. Filed Jan. 20, 1927.

Roxanne's Bulletin

Particular description of goods.—Magazine Published Monthly.
Claims use since Apr. 5, 1926.

Ser. No. 243,121. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) I. P. THOMAS & SON CO., Philadelphia, Pa. Filed Jan. 20, 1927.

FOMON

Particular description of goods.—Fire-Extinguishing Compositions.
Claims use since Jan. 7, 1927.

Ser. No. 243,139. (CLASS 38. PRINTS AND PUBLICATIONS.) CHICAGO GOLFER PUBLISHING CO., Chicago, Ill. Filed Jan. 21, 1927.

CHICAGO Golfer

"Chicago Golfer."
Particular description of goods.—Monthly Magazine.
Claims use since September, 1921.

Ser. No. 243,149. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GOLDENRIPE FRUITS, INC., San Jose, Calif. Filed Jan. 21, 1927.

Goldenripe

Particular description of goods.—Dried Fruits.
Claims use since September, 1922.

Ser. No. 243,156. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH A. HORIGAN, doing business as Horigan Manufacturing Company, Kansas City, Mo. Filed Jan. 21, 1927.

Chapoline

Particular description of goods.—Preparation for Chapped Hands and Face, Cuts, and Lacerations; for Rough Skin; for Scaling Skin; for Itching Skin; for Dandruff; for Sore Legs and Feet; for Antiseptic Dressings; for Cracks Between the Toes; for Sweaty Bad-Smelling Feet; for Odors from the Armpits; for Insect Bites, Chiggers, Mosquitoes, Fleas, Etc.; for Irritated Skin After Shaving.
Claims use since January, 1913.

Ser. No. 243,158. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HOUBIGANT, INC., New York, N. Y. Filed Jan. 21, 1927.

LA FLEUR BIEN AIMEE

Particular description of goods.—Perfume, Toilet Water, Face Powder, Talcum Powder, Bath Salts, Brilliantine, Bandoline, Rouge, Lip Sticks, Dusting Powder, Sachet, Cold Creams, Lotion for the Skin and Hair, Powder and Rouge Compacts, and Vegetal.
Claims use since Jan. 12, 1927.

Ser. No. 243,164. (CLASS 2. RECEPTACLES.) LUCAS E. MOORE STAVE CO. OF GA., Savannah, Ga. Filed Jan. 21, 1927.

LEMSCOGA

Particular description of goods.—Wooden Barrels and Staves, Headings, and Shooks Therefor.
Claims use since Nov. 10, 1926.

Ser. No. 243,180. (CLASS 37. PAPER AND STATIONERY.) WHITE & WYCKOFF MANUFACTURING COMPANY, Holyoke, Mass. Filed Jan. 21, 1927.



Particular description of goods.—Writing Paper and Mailing Envelopes.
Claims use since Dec. 31, 1926.

Ser. No. 243,189. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ARLINGTON RUBBER COMPANY, Everett, Mass. Filed Jan. 22, 1927.

Gem

Particular description of goods.—Golf Balls.
Claims use since June 1, 1926.

Ser. No. 243,191. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THOS. J. BECK, doing business as The Lu-Lu Company, Harrisburg, Pa. Filed Jan. 22, 1927.

Lu-Lu

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverage Sold as a Soft Drink and Sirup for Making the Same.
Claims use since Oct. 8, 1924

Ser. No. 243,233. (CLASS 38. PRINTS AND PUBLICATIONS.) A. W. SHAW COMPANY, Chicago, Ill. Filed Jan. 22, 1927.

The Business Outlook

Particular description of goods.—Magazine Section.
Claims use since Jan. 7, 1927.

Ser. No. 243,243. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) UNITED DRUG COMPANY, Boston, Mass. Filed Jan. 22, 1927.

Rexillana

Particular description of goods.—Cough Sirup.
Claims use since Dec. 10, 1926.

Ser. No. 243,245. (CLASS 38. PRINTS AND PUBLICATIONS.) WESTERN WHEELED SCRAPER CO., doing business as Earth Mover Publishing Co., Aurora, Ill. Filed Jan. 22, 1927.

EARTH MOVER

Particular description of goods.—Monthly Magazine.
Claims use since March, 1916.

Ser. No. 243,246. (CLASS 38. PRINTS AND PUBLICATIONS.) WESTERN WHEELED SCRAPER CO., doing business as Earth Mover Publishing Co., Aurora, Ill Filed Jan. 22, 1927.

TIERRA Y ROCA

Particular description of goods.—Monthly Magazine in the Spanish Language.
Claims use since January, 1924.

Ser. No. 243,252. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES C. BLACKLEY, doing business as Sorine Chemical Co., Richmond, Va. Filed Jan. 24, 1927.

HORSORINE

Particular description of goods.—Instant Relief and Healing Lotion for the Treatment of Gall Sores, Barbed-Wire Cuts, Car Bruises, Stiff Joints, Mange, Thrush, Canker, Cracked Heel, and Fistula in Livestock.
Claims use since Feb. 1, 1923.

Ser. No. 243,258. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FITZPATRICK BROS., Chicago, Ill. Filed Jan. 24, 1927.

F. B.

Particular description of goods.—Soap, Soap Powder, Soap Flour, Soap Chips, and Soap Flakes.
Claims use since December, 1926.

Ser. No. 243,272. (CLASS 45. BEVERAGES, NONALCOHOLIC.) IRA H. JEWELL, doing business as Jewell Water Co., Chicago, Ill. Filed Jan. 24, 1927.



No claim is made to the words "Pure Water" apart from the mark as shown.

Particular description of goods.—Distilled Water.
Claims use since about 1923.

Ser. No. 243,278. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ORIENTAL SILK PRINTING COMPANY, Haledon, N. J., and New York, N. Y. Filed Jan. 24, 1927.



Exclusive use of the words "Woolisilk Prints" is not claimed apart from the design shown.

Particular description of goods.—Textile Fabrics—Namely, Silk, Artificial Silk, Wool, and Cotton and Combinations Thereof.
Claims use since Jan. 3, 1927.

Ser. No. 243,282. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES TREAT PAINE, Redlands, Calif. Filed Jan. 24, 1927.

KICK OFF

Particular description of goods.—Fresh Citrous Fruits.
Claims use since Feb. 8, 1926.

Ser. No. 243,285. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) I. L. PERRY, Dinuba, Calif. Filed Jan. 24, 1927.



Particular description of goods.—Fresh Grapes.
Claims use since July 10, 1926.

Ser. No. 243,294. (CLASS 38. PRINTS AND PUBLICATIONS.) UNITED AMERICAN PUBLISHING CO., INC., New York, N. Y. Filed Jan. 24, 1927.

UNITED AMERICA

"United America."
Particular description of goods.—Weekly Publication.
Claims use since May 10, 1924.

Ser. No. 243,319. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE PAPER NOVELTY COMPANY, Green Bay, Wis. Filed Jan. 25, 1927.

Downies

Particular description of goods.—Sanitary Napkins.
Claims use since Oct. 15, 1926.

Ser. No. 243,320. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE PAPER NOVELTY COMPANY, Green Bay, Wis. Filed Jan. 25, 1927.

FIN-A-NAP

Particular description of goods.—Sanitary Napkins.
Claims use since July 10, 1926.

Ser. No. 243,321. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE PAPER NOVELTY COMPANY, Green Bay, Wis. Filed Jan. 25, 1927.

PURPADS

Particular description of goods.—Sanitary Napkins.
Claims use since July 10, 1926.

Ser. No. 243,326. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SOUTHERN DISTRIBUTING CO., INC., Selma, Ala. Filed Jan. 25, 1927.

NIKOL

Particular description of goods.—Floor Dressing.
Claims use since June 19, 1925.

Ser. No. 243,361. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) HASKINS BROTHERS & COMPANY, Sioux City, Iowa, and Omaha, Nebr. Filed Jan. 26, 1927.

PEEK-A-BOO

Particular description of goods.—Bath, Toilet, and Shampoo Soap.
Claims use since 1902.

Ser. No. 243,389. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SANITARY GROCERY COMPANY, INCORPORATED, Washington, D. C. Filed Jan. 26, 1927.

SANICO

Particular description of goods.—Coffee.
Claims use since Jan. 6, 1927.

Ser. No. 243,438. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HIRSCH BROS. & CO. INC., Louisville, Ky. Filed Jan. 27, 1927.



JACK AND JILL

Particular description of goods.—Pickles.
Claims use since Aug. 9, 1926.

Ser. No. 243,450. (CLASS 38. PRINTS AND PUBLICATIONS.) THE NEW YORK TIMES COMPANY, New York, N. Y. Filed Jan. 27, 1927.

The New York Times.

Particular description of goods.—Daily Newspapers.
Claims use since 1857.

Ser. No. 243,451. (CLASS 38. PRINTS AND PUBLICATIONS.) THE NEW YORK TIMES COMPANY, New York, N. Y. Filed Jan. 27, 1927.

Current HISTORY

Particular description of goods.—Monthly Periodicals.
Claims use since August, 1914.

Ser. No. 243,452. (CLASS 38. PRINTS AND PUBLICATIONS.) THE NEW YORK TIMES COMPANY, New York, N. Y. Filed Jan. 27, 1927.

The ANNALIST

Particular description of goods.—Weekly Publications.
Claims use since Jannary, 1913.

Ser. No. 243,487. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Jan. 28, 1927.

TRANSPORTATION

Particular description of goods.—Vehicle Tires Composed Wholly or in Part of Rubber.
Claims use since June 25, 1924.

Ser. No. 243,552. (CLASS 38. PRINTS AND PUBLICATIONS.) THE MELIORATE CLUB COMPANY, Akron, Ohio. Filed Jan. 20, 1927.

THE RUBBERWORKER

Particular description of goods.—Periodical.
Claims use since Sept. 7, 1926.

Ser. No. 243,553. (CLASS 38. PRINTS AND PUBLICATIONS.) METROPOLITAN NEWSPAPER SERVICE, New York, N. Y. Filed Jan. 29, 1927.

DOWN THE ROAD

Particular description of goods.—Cartoons.
Claims use since July 1, 1922.

Ser. No. 243,554. (CLASS 38. PRINTS AND PUBLICATIONS.) METROPOLITAN NEWSPAPER SERVICE, New York, N. Y. Filed Jan. 29, 1927.

GAS BUGGIES

Particular description of goods.—Cartoon Strips.
Claims use since July 1, 1922.

Ser. No. 243,555. (CLASS 38. PRINTS AND PUBLICATIONS.) METROPOLITAN NEWSPAPER SERVICE, New York, N. Y. Filed Jan. 29, 1927.

THE SPRIGHTLY ADVENTURES OF HEM AND AMY

Particular description of goods.—Cartoon Strips.
Claims use since Nov. 9, 1925.

Ser. No. 243,587. (CLASS 38. PRINTS AND PUBLICATIONS.) THE CIVIC PRESS, New York, N. Y. Filed Jan. 31, 1927.

Municipal Index

"The Municipal Index."
Particular description of goods.—Annual Publication.
Claims use since 1924.

Ser. No. 243,620. (CLASS 38. PRINTS AND PUBLICATIONS.) THE TIMES PUBLISHING COMPANY, INC., St. Cloud, Minn. Filed Jan. 31, 1927.

The St Cloud Daily Times

Particular description of goods.—Daily Newspaper.
Claims use since Apr. 9, 1864.

Ser. No. 243,645. (CLASS 38. PRINTS AND PUBLICATIONS.) DELL PUBLISHING COMPANY, New York, N. Y. Filed Feb. 1, 1927.

MOVIE FUN

Particular description of goods.—Magazine Published Monthly.
Claims use since Dec. 15, 1926.



TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

MARCH 8, 1927.

224,790. ELECTRICAL INSULATING COMPOSITIONS AND COMPOUNDS USED IN CONNECTION WITH INSULATED SUPPORTS AND HANGERS FOR ELECTRICAL CONDUCTORS. THE OHIO BRASS COMPANY, Mansfield, Ohio.
Filed October 15, 1926. Serial No. 238,663. PUBLISHED DECEMBER 21, 1926.

224,791. PREPARATION FOR CLEANING OIL-GUMMED BRAKES, CLUTCHES, AND OTHER MACHINERY. LUBRICANT LABORATORIES, INC., Boston, Mass.
Filed October 15, 1926. Serial No. 238,660. PUBLISHED DECEMBER 21, 1926.

224,792. NONFREEZE SOLUTION FOR AUTOMOBILE RADIATORS. APEX LABORATORIES INC., Chicago, Ill.
Filed October 15, 1926. Serial No. 238,634. PUBLISHED DECEMBER 14, 1926.

224,793. DOG KENNELS. W. EARL SIMPSON, St. Clairsville, Ohio.
Filed October 14, 1926. Serial No. 238,628. PUBLISHED DECEMBER 14, 1926.

224,794. ASPHALT IN SOLID, MASTIC, OR LIQUID FORM AND ASPHALT FELT. ROOFINGS INCORPORATED, New York, N. Y.
Filed October 14, 1926. Serial No. 238,619. PUBLISHED DECEMBER 14, 1926.

224,795. TOILET PREPARATIONS—NAMELY, FACIAL CREAMS AND POWDERS. MILTON M. MUNTER, doing business as Disney, Ltd., Brooklyn, N. Y.
Filed October 14, 1926. Serial No. 238,606. PUBLISHED DECEMBER 21, 1926.

224,796. EMULSIFYING EGG PRODUCT FOR MAYONNAISE DRESSING. THE EMULSOL CORPORATION, Chicago, Ill.
Filed October 14, 1926. Serial No. 238,575. PUBLISHED DECEMBER 14, 1926.

224,797. CEREAL COFFEE. EVA GINSBURG, New Britain, Conn.
Filed October 13, 1926. Serial No. 238,562. PUBLISHED DECEMBER 21, 1926.

224,798. SASHES AND DOORS, WINDOW AND DOOR FRAMES, HOUSE TRIM, BUILT-IN WOODWORK, STAIRWAYS, AND SCREENS. SCHELL-SASSE MANUFACTURING COMPANY, Jacksonville, Fla.
Filed October 13, 1926. Serial No. 238,560. PUBLISHED DECEMBER 14, 1926.

224,799. PERFORATING MACHINES. JULIUS STERNFELD, INC., New York, N. Y.
Filed September 10, 1926. Serial No. 237,138. PUBLISHED DECEMBER 21, 1926.

224,800. WALL CASES, DISPLAY TABLES, REVOLVING WARDROBES, MAGAZINE RACKS, CASH-REGISTER STANDS, SHOW CASES, DISPLAY-CASE SECTIONS, POST-CARD RACKS, SHELVING, COUNTERS, CABINETS, AND BACK BARS. GRAND RAPIDS SHOW CASE COMPANY, Grand Rapids, Mich.
Filed September 7, 1926. Serial No. 236,931. PUBLISHED DECEMBER 21, 1926.

224,801. TEXTILE RUGS, CURTAINS, TABLE COVERS, AND BEDSPREADS. S. S. SARNA, San Francisco, Calif.
Filed July 12, 1926. Serial No. 234,450. PUBLISHED DECEMBER 21, 1926.

224,802. TEA. CHIN LAIN, doing business as The Asia Commercial Company, Shanghai, China, and San Francisco, Calif.
Filed August 21, 1926. Serial No. 236,277. PUBLISHED NOVEMBER 30, 1926.

224,803. COTTON SHEETINGS. COLUMBUS MANUFACTURING COMPANY, Columbus, Ga.
Filed June 12, 1926. Serial No. 233,107. PUBLISHED DECEMBER 21, 1926.

224,804. REFINED, SEMIREFINED, AND UNREFINED OILS AND GREASES MADE FROM PETROLEUM BOTH WITH AND WITHOUT ADMIXTURE OF ANIMAL, AND VEGETABLE OR MINERAL SUBSTANCES FOR BURNING, POWER, SOLVENT FUEL, AND LUBRICATING PURPOSES. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J.
Filed March 10, 1926. Serial No. 228,447. PUBLISHED AUGUST 17, 1926.

224,805. CIGARETTES. DIMITRINO & Co., Cairo, Egypt.
Filed March 4, 1926. Serial No. 228,090. PUBLISHED DECEMBER 28, 1926.

224,806. TOMATO SAUCE, CONCENTRATED GRAPES, CHEESE, PRESERVED PEAS, AND PRESERVED FRENCH BEANS. ALIMENTARE VAL D'ARDA, Fiorenzuola D'Arda, Italy.
Filed February 27, 1926. Serial No. 227,870. PUBLISHED DECEMBER 21, 1926.

224,807. DRIED RAISINS. SUN-MAID RAISIN GROWERS OF CALIFORNIA, Fresno, Calif.
Filed February 23, 1926. Serial No. 227,695. PUBLISHED DECEMBER 28, 1926.

224,808. READY-MIXED PAINTS. THE D. P. W. COMPANY, Akron, Ohio.
Filed February 16, 1926. Serial No. 227,842. PUBLISHED DECEMBER 21, 1926.

224,809. GOLF BALLS, CRICKET BALLS, HOCKEY BALLS, LACROSSE BALLS, BASEBALLS, FOOTBALLS, TENNIS BALLS, HANDBALLS, BOWLS, PING-PONG BALLS, AND BILLIARD BALLS. GAME BALLS COMPANY LIMITED, Brentford, England.
Filed February 6, 1926. Serial No. 226,953. PUBLISHED DECEMBER 28, 1926.

224,810. PREPARATION FOR USE AGAINST SYPHILIS IN EACH STAGE. CHEMISCH-PHARMAZEUTISCHE A. G. BAD HOMBURG, Bad Homburg, Germany.
Filed December 16, 1925. Serial No. 224,744. PUBLISHED SEPTEMBER 28, 1926.

224,811. ARTISTS' EASELS. ERNST H. FRIEDRICHS, INC., New York, N. Y.
Filed November 14, 1925. Serial No. 223,293. PUBLISHED DECEMBER 21, 1926.

224,812. TEXTILE FABRICS OF COTTON, WOOL, AND MIXTURES OF COTTON AND WOOL IN THE PIECE. ALLENTOWN KNIT FABRICS CO., Allentown, Pa., and New York, N. Y.
Filed November 5, 1925. Serial No. 222,808. PUBLISHED DECEMBER 21, 1926.

224,813. COFFEE. HORACE M. B. MACK, doing business as Mack The Coffee Man, Lancaster, Pa.
Filed October 3, 1925. Serial No. 221,184. PUBLISHED DECEMBER 28, 1926.

224,814. TREATED DUST CLOTHS, NEATSFOOT COMPOUND, BRAKE DRESSING, HAND-CLEANING COMPOUND, ENAMEL CLEANER, DRESSINGS FOR AUTOMOBILE TOPS AND SEATS. OUT WEST MANUFACTURING CO., Denver, Colo.
Filed September 26, 1925. Serial No. 220,861. PUBLISHED FEBRUARY 23, 1926.

224,815. PICKLES. JOHN J. HAFFNER, doing business as Haffner Horseradish Co., Chicago, Ill.
Filed September 29, 1926. Serial No. 237,905. PUBLISHED DECEMBER 7, 1926.

224,816. LEATHER. THE MAX HERTZ LEATHER COMPANY, Newark, N. J.
Filed September 30, 1926. Serial No. 237,958. PUBLISHED DECEMBER 14, 1926.

224,817. NAIL POLISH, NAIL-POLISH REMOVER, FACE AND TALCUM POWDERS, FACE CREAMS AND LOTIONS, TOILET WATER, AND PERFUME. IRVING KLECKNER, doing business as I. Kleckner Company and The Kleco Company, Brooklyn, N. Y.
Filed September 30, 1926. Serial No. 237,966. PUBLISHED DECEMBER 14, 1926.

224,818. FROZEN CONFECTION. FRICK ICE CREAM COMPANY, Corsicana, Tex.
Filed October 8, 1926. Serial No. 238,314. PUBLISHED DECEMBER 14, 1926.

224,819. MONTHLY PUBLICATION. R. G. DUN & Co., New York, N. Y.
Filed October 8, 1926. Serial No. 238,309. PUBLISHED DECEMBER 21, 1926.

224,820. CANNED CAVIAR. M. J. & H. J. MEYER Co., New York, N. Y.
Filed October 8, 1926. Serial No. 238,330. PUBLISHED DECEMBER 28, 1926.

224,821. PAINT ENAMELS. W. W. LAWRENCE & COMPANY, Pittsburgh, Pa.
Filed October 8, 1926. Serial No. 238,322. PUBLISHED DECEMBER 21, 1926.

224,822. [WITHDRAWN.]

224,823. FRESH APPLES. WILLIAM JOSEPH, doing business as W. Joseph Company, New York, N. Y.
Filed September 29, 1926. Serial No. 237,911. PUBLISHED DECEMBER 21, 1926.

224,824. COSMETICS, PASTES, POWDERS, AND TOILET PREPARATIONS, FOR BEAUTIFYING AND PRESERVING THE SKIN, TEETH, AND HAIR. PARFUMERIE ROGER ET GALLET, Paris, France.
Filed September 28, 1926. Serial No. 237,875. PUBLISHED NOVEMBER 16, 1926.

224,825. COSMETICS, PASTES, POWDERS, AND TOILET PREPARATIONS FOR BEAUTIFYING AND PRESERVING THE SKIN, TEETH, AND HAIR, AND PERFUMERY. PARFUMERIE ROGER ET GALLET, Paris, France.
Filed September 28, 1926. Serial No. 237,873. PUBLISHED NOVEMBER 16, 1926.

224,826. CANNED CHERRIES, CANNED BEETS, CANNED STRING BEANS, CANNED TOMATOES, CANNED PEACHES, AND CANNED APPLES. HOLLEY CANNING CO., INC., Holley, N. Y.
Filed September 27, 1926. Serial No. 237,811. PUBLISHED DECEMBER 28, 1926.

224,827. DYES, DYESTUFFS, AND DYESTUFF INTERMEDIATES, AND CHEMICALS—NAMELY, ASSISTANT PRODUCTS USED IN DYEING AND BLEACHING—VIZ, ALKALI-METAL HYDROSULFITE AND ALKALI-METAL BISULFITE, MORDANTS, FIXING AGENTS, AND BLEACHING AGENTS; INSECTICIDES, AND REDUCING AGENTS. GENERAL DYESTUFF CORPORATION, New York, N. Y.
Filed September 27, 1926. Serial No. 237,802. PUBLISHED DECEMBER 14, 1926.

224,828. READY-MIXED PRESERVATIVE PAINTS. SHAY-CUPRITE LABORATORIES INC., Hartford, Conn.
Filed October 5, 1926. Serial No. 238,196. PUBLISHED DECEMBER 14, 1926.

224,829. COAL. OLD STRAIGHT CREEK COAL CORPORATION, Charleston, W. Va.; Cary, Ky., and Cincinnati, Ohio.
Filed October 5, 1926. Serial No. 238,194. PUBLISHED DECEMBER 7, 1926.

224,830. BRACELETS, BROOCHES, BAR PINS, NECKLETS, AND VANITY CASES, ALL MADE WHOLLY OR IN PART OF PRECIOUS METAL. JULES SCHWAB, doing business as Jules Schwab & Co., New York, N. Y.
Filed October 8, 1926. Serial No. 238,842. PUBLISHED DECEMBER 21, 1926.

224,831. MONTHLY TRADE PAPER. NEW ORLEANS ASSOCIATION OF MASTER PLUMBERS, New Orleans, La.
Filed October 8, 1926. Serial No. 238,338. PUBLISHED DECEMBER 21, 1926.

224,832. LUBRICATING OILS AND GREASES AND GASOLINE. THE REFINERS OIL CO., Dayton, Ohio.
Filed October 18, 1926. Serial No. 238,812. PUBLISHED DECEMBER 21, 1926.

224,833. METAL GRATINGS FOR FLOORS AND STAIRCASES. IRVING IRON WORKS COMPANY, Long Island City, N. Y.
Filed October 16, 1926. Serial No. 238,721. PUBLISHED DECEMBER 21, 1926.

224,834. CANNED VEGETABLES—NAMELY, SWEET CORN, PEAS, BEANS, PUMPKIN, CARROTS, AND BEETS; AND SAUERKRAUT. GOPHER STATE CANNERIES, INC., Watertown, Minn.
Filed October 16, 1926. Serial No. 238,715. PUBLISHED DECEMBER 28, 1926.

224,835. PENCILS. ARTHUR WINTER, New York, N. Y.
Filed September 24, 1926. Serial No. 237,715. PUBLISHED DECEMBER 21, 1926.

224,836. WATERPROOF AND WATER-REPELLENT TEXTILES USED FOR TARPAULINS, CAMP EQUIPMENT, SAILS, AND BAGGING. THE PUTNAM-HOOKER COMPANY, Cincinnati, Ohio, and New York, N. Y.
Filed September 24, 1926. Serial No. 237,695. PUBLISHED DECEMBER 14, 1926.

224,837. LUBRICATING AND FUEL OILS. GENERAL LUBRICATING COMPANY, Kansas City, Mo.
Filed October 16, 1926. Serial No. 238,714. PUBLISHED DECEMBER 21, 1926.

224,838. TOYAIRPLANES. LEWIS E. MYERS & COMPANY, Valparaiso, Ind.
Filed October 15, 1926. Serial No. 238,690. PUBLISHED DECEMBER 28, 1926.

224,839. FRESH DECIDUOUS FRUITS AND FRESH CITROUS FRUITS AND FRESH GRAPES. IVANHOE MUTUAL ORCHARDS, INC., Ivanhoe and Exeter, Calif.
Filed October 13, 1926. Serial No. 238,552. PUBLISHED DECEMBER 28, 1926.

224,840. CORN MEAL. AMERICAN CORN MILLERS FEDERATION, Kansas City, Mo.
Filed October 12, 1926. Serial No. 238,477. PUBLISHED DECEMBER 21, 1926.

224,841. PREPARATION FOR USE IN THE TREATMENT OF CANCER. R. L. LEVINER, Osborne, N. C.
Filed June 4, 1926. Serial No. 232,732. PUBLISHED DECEMBER 14, 1926.

224,842. COMPRESSED CANDY TABLETS. THE AROMINT MFG. CO., Cincinnati, Ohio.
Filed June 1, 1926. Serial No. 232,535. PUBLISHED DECEMBER 21, 1926.

224,843. SIGNAL HORNS AND SIRENS ELECTRICALLY OPERATED. SIRACODE SIGNAL CORPORATION, San Francisco, Calif.
Filed May 22, 1926. Serial No. 232,102. PUBLISHED DECEMBER 21, 1926.

224,844. TOY DOLLS, BIRDS, HENS, COCKS, AND ANIMALS. TOGORO FUJIYASU, Tokyo, Japan.
Filed May 20, 1926. Serial No. 231,915. PUBLISHED DECEMBER 21, 1926.

224,845. DRY-CLEANING AND POLISHING PREPARATIONS AND GREASE SOLVENT. CARBONA PRODUCTS COMPANY, New York, N. Y.
Filed May 20, 1926. Serial No. 231,901. PUBLISHED DECEMBER 21, 1926.

224,846. GOLF CLUBS. WILSON-WESTERN SPORTING GOODS COMPANY, Chicago, Ill.
Filed May 15, 1926. Serial No. 231,709. PUBLISHED DECEMBER 21, 1926.

224,847. SHOE POLISH, LEATHER CLEANING AND CONSERVING PREPARATIONS. WELT-WACHS-WERK EGBERT GÜNTHER SÖHNE, Dresden, Germany.
Filed May 12, 1926. Serial No. 231,508. PUBLISHED DECEMBER 21, 1926.

224,848. CAUSTIC SODA, SODA ASH, AND BICARBONATE OF SODA. MICHIGAN ALKALI COMPANY, Wyandotte, Mich.
Filed May 5, 1926. Serial No. 231,157. PUBLISHED DECEMBER 21, 1926.

224,849. MANUFACTURES FROM CEMENT AND ASBESTOS, BITUMEN, PLASTER, CONCRETE, ARTIFICIAL STONE FOR BUILDING, DECORATION OF BUILDINGS, PAVING, AND ROAD MAKING—NAMELY, SHEETS, TILES, PLATES, BLOCKS, SLABS, AND PIPES; PLASTER, LIME, CEMENT, AND BITUMEN. ETERNIT PIETRA ARTIFICIALE (LONDON) LIMITED, London, England.
Filed July 3, 1926. Serial No. 234,110. PUBLISHED DECEMBER 7, 1926.

224,850. MATURITY CALENDARS. THE CONSERVATOR CO., Phillipsburg, N. J.
Filed July 3, 1926. Serial No. 234,101. PUBLISHED DECEMBER 21, 1926.

224,851. CHURNS AND SEPARATORS USED IN THE DAIRY BUSINESS. JAMES STEWART ANDERSON, Neuilly-sur-Seine, France.
Filed July 3, 1926. Serial No. 234,071. PUBLISHED DECEMBER 21, 1926.

224,852. MONTHLY MAGAZINE. GAS STATION TOPICS, INC., New York and Brooklyn, N. Y.
Filed June 30, 1926. Serial No. 233,929. PUBLISHED DECEMBER 14, 1926.

224,853. GOATS' MILK. THOMAS W. CONRON, doing business as Conron Vitality Milk Farm, Danville, Ill.
Filed June 26, 1926. Serial No. 233,766. PUBLISHED DECEMBER 14, 1926.

224,854. MAYONNAISE, SANDWICH SPREAD HAVING A MAYONNAISE BASE, RUSSIAN DRESSING, PICCALILLI, ALIMENTARY PASTES, HORSERADISH, OLIVE OIL; MINCEMEAT, IN PACKAGES AND GLASS; COCOA, CATCHUP, AND DRIED BEEF. CROSS ABBOTT COMPANY, White River Junction, Vt.
Filed June 23, 1926. Serial 233,637. PUBLISHED DECEMBER 14, 1926.

224,855. PORTLAND CEMENTS OF SPECIAL QUALITY, RAPIDLY HARDENING, AND OF HIGH RESISTANCE. C. B. R. CIMENTERIES ET BRIQUETERIES RÉUNIES S. A., Antwerp, Belgium.
Filed June 23, 1926. Serial No. 233,636. PUBLISHED DECEMBER 21, 1926.

224,856. MALT SIRUP USED AS A FLAVORING EXTRACT FOR SOFT DRINKS. LUIGI DI FOLCO, Altoona, Pa.
Filed June 18, 1926. Serial No. 233,425. PUBLISHED DECEMBER 21, 1926.

224,857. BOOKLETS, CIRCULARS, AND PAMPHLETS. MISSOURI-KANSAS-TEXAS RAILROAD COMPANY, St. Louis, Mo.
Filed June 15, 1926. Serial No. 233,279. PUBLISHED NOVEMBER 23, 1926.

224,858. YEAST. KATHERINE T. DONOVAN, doing business as Jotoda Yeast Co., Lynn, Mass.
Filed October 13, 1926. Serial No. 238,545. PUBLISHED DECEMBER 14, 1926.

224,859. YEAST. KATHERINE T. DONOVAN, doing business as Jotoda Yeast Co., Lynn Mass.
Filed October 13, 1926. Serial No. 238,544. PUBLISHED DECEMBER 14, 1926.

224,860. COUGH SIRUP, QUINOLAX COLD TABLETS, ARNICA LOTION, STOMACH AND LIVER TABLETS; GOLDEN OIL FOR THE TREATMENT OF CUTS, BURNS, BRUISES, FROSTBITES, ECZEMA, AND EXTERIOR INFLAMMATION; AND HEADACHE TABLETS. THE STANSBURY DRUG CO., Middleport, Ohio.
Filed October 12, 1926. Serial No. 238,532. PUBLISHED DECEMBER 14, 1926.

224,861. TITLE OF A NEWSPAPER COLUMN APPEARING PERIODICALLY. BETSY ANNE SCHELLHASE, New York, N. Y.
Filed October 12, 1926. Serial No. 238,528. PUBLISHED DECEMBER 21, 1926.

224,862. BREAD. EDWARD B. CHAMBERLAIN, doing business as Chamberlain Bakery, Poughkeepsie, N. Y.
Filed October 12, 1926. Serial No. 238,486. PUBLISHED DECEMBER 14, 1926.

224,863. CHEMICAL STAINS FOR CEMENT FLOORS. COLOR CONTROL COMPANY, Los Angeles, Calif.
Filed September 21, 1926. Serial No. 237,492. PUBLISHED DECEMBER 14, 1926.

224,864. SHEETS AND PILLOWCASES OF MUSLIN. JAMES MCCREERY & COMPANY, New York, N. Y.
Filed September 24, 1926. Serial No. 237,679. PUBLISHED DECEMBER 7, 1926.

224,865. ROSIN. FOREIGN TRADERS COMPANY, INC., New York, N. Y.
Filed September 24, 1926. Serial No. 237,659. PUBLISHED DECEMBER 14, 1926.

224,866. DRY, PASTE, AND READY-MIXED PAINTS, VARNISHES, PAINT ENAMELS, OILS USED FOR MIXING PAINT, OILS USED FOR FINISHING FLOORS, WOODWORK, FURNITURE, ETC. J. N. ADAM & CO., Buffalo, N. Y.
Filed September 24, 1926. Serial No. 237,641. PUBLISHED NOVEMBER 23, 1926.

224,867. NONFREEZING SOLUTION FOR AUTOMOBILE RADIATORS. FIREWATER SALES COMPANY, Minneapolis, Minn.
Filed September 23, 1926. Serial No. 237,602. PUBLISHED DECEMBER 14, 1926.

224,868. PREPARATIONS USED IN THE TREATMENT OF INFLAMMATION AND CONGESTION OF THE RESPIRATORY ORGANS AND AS HEALING OINTMENTS FOR CUTS, BRUISES, AND INFLAMMATION OF THE SKIN; LINIMENTS FOR THE TREATMENT OF GOITER, RHEUMATISM, LUMBAGO, AND TONSILLITIS; PREPARATIONS FOR THE TREATMENT OF DANDRUFF, PREPARATIONS FOR THE TREATMENT OF PYORRHEA, AND PILE OINTMENTS. HARPER E. STRATTON, doing business as The Pa-Tro Company, Port Homer, Ohio.
Filed June 5, 1926. Serial No. 232,798. PUBLISHED DECEMBER 14, 1926.

224,869. FRESH CHERRIES, APRICOTS, PEACHES, PEARS, PLUMS, GRAPES, APPLES, PRUNES, FIGS, PERSIMMONS, POMEGRANATES, NECTARINES, AND QUINCES. CALIFORNIA FRUIT EXCHANGE, Sacramento, Calif.
Filed June 5, 1926. Serial No. 232,754. PUBLISHED DECEMBER 21, 1926.

224,870. FRESH DECIDUOUS FRUITS. MODESTO FRUIT EXCHANGE, Modesto, Calif.
Filed June 14, 1926. Serial No. 233,218. PUBLISHED DECEMBER 14, 1926.

224,871. CANNED VEGETABLES AND CANNED BERRIES. SANBORN-CUTTING COMPANY, Astoria, Oreg.
Filed November 25, 1925. Serial No. 223,870. PUBLISHED DECEMBER 7, 1926.

224,872. PREPARATION FOR THE TREATMENT OF SOUR STOMACH, BAD BREATH, HEADACHE, CONSTIPATION, BILIOUSNESS, AND FLATULENCE. MOBILAX MANUFACTURING CO., INC., New York, and Bronx, N. Y.
Filed November 25, 1925. Serial No. 223,857. PUBLISHED DECEMBER 21, 1926.

224,873. PORTLAND CEMENTS. C. B. R. CIMENTERIES ET BRIQUETERIES REUNIES S. A., Antwerp, Belgium.
Filed November 11, 1925. Serial No. 223,115. PUBLISHED DECEMBER 7, 1926.

224,874. CERTAIN NAMED AMMUNITION. WESTERN CARTRIDGE COMPANY, East Alton, Ill.
Filed November 5, 1925. Serial No. 222,807. PUBLISHED DECEMBER 21, 1926.

224,875. SALT MACKEREL. FORTMANN, DOSCHER & CO. INC., New York, N. Y.
Filed November 3, 1925. Serial No. 222,738. PUBLISHED DECEMBER 7, 1926.

224,876. A MEDICAL COMPOUND SALVE USED IN THE CURE AND HEALING OF SKIN ERUPTIONS UPON THE HUMAN BODY BY APPLYING THERETO EXTERNALLY. JENNIE CEFOLA, doing business as Cefola & Company, New York, N. Y.
Filed October 28, 1925. Serial No. 222,440. PUBLISHED DECEMBER 21, 1926.

224,877. SHAMPOO POWDER. PAUL PETER MÜLHENS, doing business as Eau de Cologne- & Parfümerie-Fabrik, Cologne, Germany.
Filed February 10, 1926. Serial No. 227,132. PUBLISHED OCTOBER 5, 1926.

224,878. ROOT BEER. RALSTON R. PRICE, doing business as Regina Root-Beer Co., Spokane, Wash.
Filed September 3, 1926. Serial No. 236,851. PUBLISHED DECEMBER 21, 1926.

224,879. CANDY LAXATIVE. L. PERRIGO COMPANY, Allegan, Mich.
Filed March 9, 1926. Serial No. 228,389. PUBLISHED DECEMBER 21, 1926.

224,880. LAMP SHADES OF ORNAMENTAL PAPER, PARCHMENTIZED PAPER, OR PARCHMENT SHADES. THE GREIST MANUFACTURING CO., New Haven, Conn.
Filed February 26, 1926. Serial No. 227,885. PUBLISHED JUNE 1, 1926.

224,881. MONTHLY PUBLICATION. CITY ICE COMPANY OF KANSAS CITY, Kansas City, Mo.
Filed February 6, 1926. Serial No. 226,963. PUBLISHED DECEMBER 21, 1926.

224,882. LACE AND TEXTILE CURTAINS, LACES IN THE PIECE AND MADE UP IN TABLE PIECES AND BEDSPREADS. TRUCRAFT CURTAINS, INC., New York, N. Y.
Filed October 19, 1926. Serial No. 238,878. PUBLISHED DECEMBER 21, 1926.

224,883. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS—VIZ, GINGER ALE AND OTHER FLAVORS. CATON SPRING WATER CO., Catonsville, Md.
Filed November 20, 1926. Serial No. 240,340. PUBLISHED DECEMBER 28, 1926.

224,884. COFFEE. TRIGG, DOBBS & COMPANY, Chattanooga, Tenn.
Filed November 19, 1926. Serial No. 240,325. PUBLISHED DECEMBER 28, 1926.

224,885. POWDER PUFFS. MARIE GERARD, North Puyallup, Wash.
Filed November 18, 1926. Serial No. 240,250. PUBLISHED DECEMBER 28, 1926.

224,886. CANDY. F. M. PAIST COMPANY, Philadelphia, Pa.
Filed November 17, 1926. Serial No. 240,210. PUBLISHED DECEMBER 28, 1926.

224,887. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, GRAPEFRUIT; FRESH DECIDUOUS FRUITS—NAMELY, POMEGRANATES, GRAPES. CHAPMAN ORCHARDS, Fullerton and Lindsay, Calif.
Filed November 17, 1926. Serial No. 240,171. PUBLISHED DECEMBER 28, 1926.

224,888. COFFEE. AMERICAN COFFEE CORPORATION, Jersey City, N. J.
Filed November 16, 1926. Serial No. 240,124. PUBLISHED DECEMBER 28, 1926.

224,889. COFFEE. AMERICAN COFFEE CORPORATION, Jersey City, N. J.
Filed November 16, 1926. Serial No. 240,123. PUBLISHED DECEMBER 28, 1926.

224,890. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. EMIL MASCOLO, doing business as C. Mascolo Bottling Works, Waterbury, Conn.
Filed November 15, 1926. Serial No. 240,083. PUBLISHED DECEMBER 28, 1926.

224,891. PRESERVED HERRINGS IN SAUCE. ABERDEEN PRESERVING COMPANY LIMITED, Aberdeen, Scotland.
Filed November 5, 1926. Serial No. 239,689. PUBLISHED DECEMBER 28, 1926.

224,892. CHOCOLATE CANDY. BISHOP AND COMPANY, Los Angeles, Calif.
Filed November 3, 1926. Serial No. 239,610. PUBLISHED DECEMBER 28, 1926.

224,893. GRAPE JUICE. SAFEWAY STORES, INCORPORATED, Los Angeles, Calif.
Filed November 2, 1926. Serial No. 239,598. PUBLISHED DECEMBER 21, 1926.

224,894. PURE VEGETABLE FAT FOR BAKING, FRYING, COOKING, AND SHORTENING. K. & F. VEGETABLE PRODUCTS CO., Philadelphia, Pa.
Filed November 2, 1926. Serial No. 239,585. PUBLISHED DECEMBER 21, 1926.

224,895. A GAME COMPRISING ROTATABLE BLOCKS WITH PORTIONS OF FACES THEREON. THE FACE CORPORATION, Philadelphia, Pa.
Filed November 2, 1926. Serial No. 239,578. PUBLISHED DECEMBER 28, 1926.

224,896. CANNED FISH, CANNED SHELLFISH, CANNED FRUITS, CANNED VEGETABLES, AND FRUIT AND VEGETABLE PRESERVES. A. W. & H. H. BEHRENS, Brooklyn, N. Y.
Filed November 2, 1926. Serial No. 239,558. PUBLISHED DECEMBER 21, 1926.

224,897. BUTTER. THE INDIANA PRODUCE COMPANY, Huntingburg, Ind.
Filed October 29, 1926. Serial No. 239,416. PUBLISHED DECEMBER 21, 1926.

224,898. PACKAGED MODELING CLAY FOR KINDERGARTEN USE. ILLINOIS CLAY PRODUCTS COMPANY, Joliet, Ill.
Filed October 28, 1926. Serial No. 239,368. PUBLISHED DECEMBER 28, 1926.

224,899. PACKAGED MODELING CLAY FOR KINDERGARTEN USE. ILLINOIS CLAY PRODUCTS COMPANY, Joliet, Ill.
Filed October 28, 1926. Serial No. 239,367. PUBLISHED DECEMBER 28, 1926.

224,900. CANDY. GEORGE ZIEGLER CO., Milwaukee, Wis.
Filed October 27, 1926. Serial No. 239,345. PUBLISHED DECEMBER 21, 1926.

224,901. FRUIT JAMS. OLD VIRGINIA PACKING CO., INC., Front Royal, Va.
Filed October 27, 1926. Serial No. 239,312. PUBLISHED DECEMBER 28, 1926.

224,902. PERIODICAL PUBLICATION AND CATALOGUES. DIEBOLD SAFE & LOCK COMPANY, Canton, Ohio.
Filed August 17, 1926. Serial No. 236,082. PUBLISHED DECEMBER 21, 1926.

224,903. PUBLICATION KNOWN AS HOUSE ORGAN ISSUED PERIODICALLY. BETHLEHEM STEEL COMPANY, Bethlehem, Pa.
Filed July 22, 1926. Serial No. 234,880. PUBLISHED DECEMBER 21, 1926.

224,904. OVERALLS, SACK COATS, APRONS, PANTS, CHILDREN'S PLAY SUITS, AND UNION SUITS, ALL MADE FROM TEXTILE FABRIC. THE FRANKLIN OVERALL COMPANY, Paterson, N. J.
Filed January 14, 1926. Serial No. 225,917. PUBLISHED DECEMBER 7, 1926.

224,905. CIGARS. STERLING W. KOHLER, Yoe, Pa.
Filed October 25, 1926. Serial No. 239,181. PUBLISHED DECEMBER 28, 1926.

224,906. AERATED, DISTILLED WATER. JOHN GRAF CO., Milwaukee, Wis.
Filed October 25, 1926. Serial No. 239,172. PUBLISHED DECEMBER 28, 1926.

224,907. CANDY. ROBINETTE'S, INC., Seattle, Wash.
Filed October 28, 1926. Serial No. 239,139. PUBLISHED DECEMBER 28, 1926.

224,908. PLATED MUSIC WIRE FOR TROLLING PURPOSES, LINEN LEADER LINE, RUBBER TROLLING TUBING, TROLLING SPRINGS, FISHING FLIES, SNELLED FISH HOOKS, SALMON-EGG BAIT, TROLLING SWIVELS, AND SPLIT RINGS FOR FISHING LINES. PACIFIC MARINE SUPPLY CO., Seattle, Wash.
Filed October 21, 1926. Serial No. 238,998. PUBLISHED DECEMBER 28, 1926.

224,909. METAL LATH. MILWAUKEE CORRUGATING COMPANY, Milwaukee, Wis.
Filed October 21, 1926. Serial No. 238,989. PUBLISHED DECEMBER 21, 1926.

224,910. WHEAT FLOUR. J. ALLEN-SMITH & COMPANY, Knoxville, Tenn.
Filed October 20, 1926. Serial No. 238,886. PUBLISHED DECEMBER 21, 1926.

224,911. CIGARETTES. VIRGINIA SELITS, INC., New York, N. Y.
Filed October 20, 1926. Serial No. 238,927. PUBLISHED DECEMBER 28, 1926.

224,912. METALLIC LIQUID RECEPTACLES AND ATTACHMENTS FOR FILLING, VENTING, AND PREVENTING FLAME PROPAGATION IN RECEPTACLES. PROTECTOREAL COMPANY OF AMERICA, INC., Chicago, Ill.
Filed October 24, 1925. Serial No. 222,279. PUBLISHED DECEMBER 21, 1926.

224,913. FRESH APPLES. NASHOBA APPLE PACKING ASSOCIATION INCORPORATED, Littleton, Mass.
Filed October 12, 1925. Serial No. 221,632. PUBLISHED DECEMBER 7, 1926.

224,914. WEEKLY PUBLICATION. ANDREW MCANSH, Chicago, Ill.
Filed October 12, 1925. Serial No. 221,625. PUBLISHED DECEMBER 21, 1926.

224,915. NONALCOHOLIC FLAVORING EXTRACTS FOR FOODS. ENTERPRISE CHEMICAL CO., doing business as The Chase System, St. Louis, Mo.
Filed October 10, 1925. Serial No. 221,541. PUBLISHED DECEMBER 14, 1926.

224,916. MINERAL DETERGENT CONSISTING OF A CLAY WHICH WHEN PLACED IN WATER IN POWDERED FORM HAS THE PROPERTY OF EMULSIFYING GREASE. BURGESS PAYNE, doing business as Shoshone Mineral Products Co. (Not Inc.), Chicago, Ill.
Filed October 15, 1926. Serial No. 238,557. PUBLISHED DECEMBER 21, 1926.

224,917. LADIES' WEARING APPAREL—NAMELY, SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS OF THESE MATERIALS; COATS, CLOAKS, CAPES, WRAPS, DRESSES, GOWNS, HATS, BOUDOIR CAPS, UNDERGARMENTS OF KNITTED AND TEXTILE FABRICS, ROBES, BATH ROBES, BREAKFAST ROBES, HOSIERY, NEGLIGEES, PYJAMAS, CORSETS, CORSET COVERS, BRASSIÈRES, SLIPS, KIMONOS, DRESSING SACKS, PETTICOATS, SWEATERS, TUNICS, SKIRTS, BLOUSES, SCARFS; GLOVES OF LEATHER, RUBBER, AND FABRIC OR COMBINATIONS OF THESE MATERIALS. THE BEDELL COMPANY, New York, N. Y.
Filed September 27, 1926. Serial No. 237,774. PUBLISHED DECEMBER 21, 1926.

224,918. FRESH VEGETABLES—NAMELY, POTATOES, ONIONS, CABBAGES, CARROTS, CUCUMBERS, BEETS, CELERY, AND BEANS. P. D. MCMILLAN, doing business as South Hollandale Marketing Association, Hollandale, Minn.
Filed September 20, 1926. Serial No. 237,465. PUBLISHED DECEMBER 28, 1926.

224,919. DRIED DATES ARRANGED IN A PACKAGE CONTAINING A NUT. LOUIS D. CHERRY, Philadelphia, Pa.
Filed September 13, 1926. Serial No. 237,149. PUBLISHED DECEMBER 21, 1926.

224,920. PYROMETER TUBES. CHAMPION PORCELAIN COMPANY, Detroit, Mich.
Filed September 15, 1926. Serial No. 237,263. PUBLISHED DECEMBER 21, 1926.

224,921. SELF-RISING FLOUR. AMERICAN GROCER COMPANY, Little Rock, Ark.
Filed September 14, 1926. Serial No. 237,214. PUBLISHED DECEMBER 21, 1926.

224,922. HORSES. A. L. FITZ PATRICK, Philadelphia, Pa.
Filed September 25, 1926. Serial No. 237,783. PUBLISHED DECEMBER 21, 1926.

224,923. SILVER-PLATED FLATWARE, SILVER-PLATED TABLEWARE, SILVER-PLATED HOLLOW WARE, AND SILVER-PLATED CUTLERY. ONEIDA COMMUNITY, LIMITED, Oneida, N. Y.
Filed September 25, 1926. Serial No. 237,750. PUBLISHED DECEMBER 21, 1926.

224,924. PRINTED FORMS AND BLANKS. JAMES H. ROGERS, doing business as Rogers Timely Printing Service, Quincy, Mass.
Filed September 25, 1926. Serial No. 237,765. PUBLISHED DECEMBER 14, 1926.

224,925. MEDICINAL PREPARATION FOR THE TREATMENT OF COLDS AND HEADACHES. THE LARNED COMPANY, Detroit, Mich.
Filed August 30, 1926. Serial No. 236,648. PUBLISHED DECEMBER 21, 1926.

224,926. CUT GRANITE. COLD SPRING GRANITE CO., Cold Spring, Minn.
Filed August 30, 1926. Serial No. 236,636. PUBLISHED DECEMBER 7, 1926.

224,927. COAL. CLOVER FORK COAL COMPANY, Kitts, Ky.
Filed August 30, 1926. Serial No. 236,634. PUBLISHED DECEMBER 7, 1926.

224,928. MALT SIRUP FOR FOOD PURPOSES. GREY EAGLE MALT SYRUP COMPANY, Cincinnati, Ohio.
Filed August 27, 1926. Serial No. 236,551. PUBLISHED DECEMBER 14, 1926.

224,929. PEANUT-BUTTER SANDWICHES. VEGETARIAN FOOD AND NUT CO., INC., Washington, D. C.
Filed August 26, 1926. Serial No. 236,517. PUBLISHED NOVEMBER 23, 1926.

224,930. ARGILLACEOUS EARTH ADMIXTURE USED FOR CONCRETE AND PLASTER. COLLOY PRODUCTION COMPANY, St. Louis, Mo.
Filed August 26, 1926. Serial No. 236,464. PUBLISHED DECEMBER 7, 1926.

224,931. COAL. CHARLES N. BLANCHARD, Binghamton, N. Y.
Filed August 25, 1926. Serial No. 236,408. PUBLISHED DECEMBER 7, 1926.

224,932. COAL-TAR PAINT. PROTEXOL CORPORATION, Kenilworth, N. J.
Filed August 24, 1926. Serial No. 236,391. PUBLISHED DECEMBER 14, 1926.

224,933. PEPTO-BISMOL. A LIQUID DEMULCENT PREPARATION, ADMINISTERED (GIVEN) AS AN INTESTINAL ANTISEPTIC, DIGESTANT, AND FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y.
Filed August 24, 1926. Serial No. 236,388. PUBLISHED DECEMBER 14, 1926.

224,934. SPANISH SHERRY WINE WITH SALT FOR COOKING PURPOSES. PORGES & LEVY, New York, N. Y.
Filed August 7, 1926. Serial No. 235,706. PUBLISHED DECEMBER 14, 1926.

224,935. COCOA POWDER, AND COCOA PRODUCTS—NAMELY, CHOCOLATE AND SIRUP OF CHOCOLATE. KAKAO-KOMPAGNIE THEODOR REICHARDT, G. M. B. H., Wandsbek-Hamburg, Germany.
Filed August 6, 1926. Serial No. 235,648. PUBLISHED DECEMBER 14, 1926.

224,936. COCOA POWDER AND COCOA PRODUCTS—NAMELY, CHOCOLATE AND SIRUP OF CHOCOLATE. KAKAO-KOMPAGNIE THEODOR REICHARDT, G. M. B. H., Wandsbek-Hamburg, Germany.
Filed August 6, 1926. Serial No. 235,647. PUBLISHED DECEMBER 14, 1926.

224,937. BUILDERS' SHEATHING, PACKING, OR FILLING, CONSISTING OF A COARSE PAPER OR OF PAPER ATTACHED TO FIBROUS MATERIALS IN LAYERS, SUCH AS HAY, EEL GRASS, ETC., MORTAR COLOR, ROOFING FELT, AND ROOFING PITCH, A CHEMICAL COMPOUND FOR DAMPPROOFING BRICK, CONCRETE, TILE, METAL, AND WOOD AND FOR PROTECTING MARBLE AND LIMESTONE FROM WATER STAINING. SAMUEL CABOT, INC., Boston, Mass.
Filed July 30, 1926. Serial No. 235,334. PUBLISHED DECEMBER 7, 1926.

224,938. BREAD. EUGENE GASE, Saginaw, Mich.
Filed July 28, 1926. Serial No. 235,260. PUBLISHED DECEMBER 14, 1926.

224,939. GENERAL TONIC. TOXALIN CHEMICAL CO., Washington, D. C.
Filed July 26, 1926. Serial No. 235,186. PUBLISHED DECEMBER 21, 1926.

224,940. WEIGHING SCALES, WEIGHING MACHINES, WEIGHING APPARATUS, COUNTING MACHINES, DYNAMOMETERS, BALANCE-TESTING MACHINES, AND INSTRUMENTS FOR MEASURING TENSION, RESILIENCE, STRENGTH OF MATERIAL, RESISTANCE TO DISTORTION, AND MOISTURE CONTENT. TOLEDO SCALE COMPANY, Toledo, Ohio.
Filed July 24, 1926. Serial No. 235,084. PUBLISHED NOVEMBER 2, 1926.

224,941. RADIATOR NONFREEZING SOLUTION. FRANK PFEIFER, doing business as Fire Frost Sales Co., Minneapolis, Minn.
Filed March 18, 1926. Serial No. 228,828. PUBLISHED DECEMBER 21, 1926.

224,942. HOUSE, BARN, AND GARAGE HARDWARE AND BUILDERS' HARDWARE. FRANTZ MANUFACTURING CO., Sterling, Ill.
Filed September 21, 1925. Serial No. 220,515. PUBLISHED DECEMBER 7, 1926.

224,943. FLY AND INSECT KILLING POWDER. J. C. HENSLEY, doing business as The Clean Out Manufacturing Company, Oakland, Calif.
Filed September 1, 1925. Serial No. 219,625. PUBLISHED DECEMBER 14, 1926.

224,944. VARIOUS FORMS USED FOR LISTING, CLASSIFYING, AND VALUATING PROPERTY. FRANK B. BETTS, Jr., doing business as Frank B. Betts and Associates, Columbus, Ohio.
Filed August 26, 1925. Serial No. 219,369. PUBLISHED DECEMBER 21, 1926.

224,945. PICKLES. GLADBROOK MUSTARD FACTORY, Long Beach, Calif.
Filed August 8, 1925. Serial No. 218,549. PUBLISHED DECEMBER 14, 1926.

224,946. WALL PAPER. THE ROBERT GRIFFIN COMPANY, Jersey City, N. J.
Filed July 17, 1925. Serial No. 217,512. PUBLISHED SEPTEMBER 14, 1926.

224,947. CORN PLASTERS, FOOT-BATH POWDERS, AND TOILET POWDERS. KURT KRISP, doing business as Kukirol-Fabrik Kurt Krisp, Gross-Salze, near Magdeburg, Germany.
Filed July 10, 1925. Serial No. 217,160. PUBLISHED DECEMBER 14, 1926.

224,948. BRAKE LINING; RUBBER, BALATA, AND LEATHER BELTING FOR POWER TRANSMISSION AND CONVEYING, HOSE, GASKETS, AND ENGINE, PUMP, HEATER, VALVE, AND MACHINERY PACKING. THE ANCHOR PACKING COMPANY, Philadelphia, Pa.
Filed July 2, 1925. Serial No. 216,762. PUBLISHED DECEMBER 21, 1926.

224,949. PIPES. SPLIT-STEM-PIPE CORPORATION, New York, N. Y.
Filed June 16, 1925. Serial No. 215,882. PUBLISHED DECEMBER 21, 1926.

224,950. ORANGES IN THEIR NATURAL STATE. ARATA & PETERS, INC., San Francisco, Calif.
Filed January 28, 1925. Serial No. 208,736. PUBLISHED DECEMBER 7, 1926.

224,951. CLEANSER FOR AUTOMOBILES AND FURNITURE, PIANOS, PAINTINGS, AND VARNISHED SURFACES. JOHN W. WILLIAMS, Boston, Mass.
Filed December 27, 1924. Serial No. 207,323. PUBLISHED DECEMBER 21, 1926.

224,952. SAUSAGE, CORN BEEF, AND SMOKED BEEF. FEINBERG KOSHER SAUSAGE COMPANY, Minneapolis, Minn.
Filed November 15, 1924. Serial No. 205,326. PUBLISHED DECEMBER 7, 1926.

224,953. PADS AND PLASTERS FOR CORNS, BUNIONS, AND CALLI. SCHOLL MANUFACTURING COMPANY, INC., Chicago, Ill.
Filed June 27, 1924. Serial No. 199,256. PUBLISHED SEPTEMBER 2, 1924.

224,954. CIGARS. GENE-VALL CIGAR CO., INC., New York, N. Y.
Filed May 11, 1922. Serial No. 163,677. PUBLISHED MAY 29, 1923.

224,955. ORGANIC IODINE COMPOUND EXHIBITING SPASMOLITIC AND BLOOD-PRESSURE-LOWERING PROPERTIES. H. A. METZ LABORATORIES, INC., New York, N. Y.
Filed December 28, 1925. Serial No. 225,233. PUBLISHED DECEMBER 21, 1926.

224,956. ROOFING SLATES AND STRUCTURAL SLATES. BLUE RIDGE QUARRIES, INC., Slatington, Pa.
Filed October 3, 1925. Serial No. 221,163. PUBLISHED DECEMBER 7, 1926.

224,957. ASSORTED BRISTLES AND ASSORTED HORSEHAIR. CHINA HIDE & PRODUCE CO., INC., New York, N. Y.
Filed October 2, 1925. Serial No. 221,092. PUBLISHED DECEMBER 14, 1926.

224,958. WATCHES, WATCHCASES, AND WATCH MOVEMENTS. HELBEIN-STONE COMPANY, INC., New York, N. Y.
Filed October 1, 1925. Serial No. 221,061. PUBLISHED DECEMBER 21, 1926.

224,959. INSECTICIDE; DISINFECTING, FUMIGATING, DEODORIZING AND ANTISEPTIC PREPARATIONS; AND PIPE AND BOILER COMPOUNDS. MIDLAND CHEMICAL LABORATORIES, INC., Dubuque, Iowa.
Filed September 1, 1926. Serial No. 236,764. PUBLISHED DECEMBER 21, 1926.

224,960. STROPS. ROBT. H. INGERSOLL, INC., New York, N. Y.
Filed September 1, 1926. Serial No. 236,753. PUBLISHED DECEMBER 21, 1926.

224,961. STORAGE BATTERIES. WALTER M. AUERBACH, doing business as Sun Storage Battery Co., New York, N. Y.
Filed September 1, 1926. Serial No. 236,718. PUBLISHED DECEMBER 21, 1926.

224,962. ART PRODUCTS—NAMELY, PASTE. THE PRANG COMPANY, Chicago, Ill.
Filed August 31, 1926. Serial No. 236,710. PUBLISHED DECEMBER 7, 1926.

224,963. SOAP. PHILIP GORDON CAMERON, Westfield, N. J.
Filed August 31, 1926. Serial No. 236,672. PUBLISHED DECEMBER 21, 1926.

224,964. TANKAGE AND DRY FEED MEAL. PAN-AMERICAN FEED MILLING COMPANY, Kansas City, Mo.
Filed August 30, 1926. Serial No. 236,654. PUBLISHED DECEMBER 14, 1926.

224,965. WHEAT FLOUR AND PURE RYE FLOUR. HARRY SLEMMER, doing business as The H. Slemmer Flour Mills, Okeene, Okla.
Filed September 22, 1926. Serial No. 237,570. PUBLISHED DECEMBER 14, 1926.

224,966. WATCH MOVEMENTS AND WATCHCASES. ILLINOIS WATCH CASE COMPANY, Elgin, Ill.
Filed September 22, 1926. Serial No. 237,551. PUBLISHED DECEMBER 21, 1926.

224,967. SALT. HARVEY J. GILBERT, Savannah, Ga.
Filed September 22, 1926. Serial No. 237,546. PUBLISHED NOVEMBER 9, 1926.

224,968. GLOVES OF LEATHER, SILK, AND FABRIC (MADE OF COTTON OR LISLE) AND COMBINATIONS OF THESE MATERIALS. CHARLES F. BERG, Portland, Oreg.
Filed September 22, 1926. Serial No. 237,532. PUBLISHED DECEMBER 21, 1926.

224,969. TALLY SHEETS AND TALLY PADS FOR CARD GAMES. FRANK J. HUMMEL, Pittsburgh, Pa.
Filed September 21, 1926. Serial No. 237,505. PUBLISHED DECEMBER 21, 1926.

224,970. TRADING STAMPS. GEORGE VARNEY, El Centro, Calif.
Filed September 20, 1926. Serial No. 237,483. PUBLISHED DECEMBER 14, 1926.

224,971. MONTHLY MAGAZINE. THE MCKELVIE PUBLISHING COMPANY, Lincoln, Nebr.
Filed September 20, 1926. Serial No. 237,464. PUBLISHED DECEMBER 21, 1926.

224,972. FRESH AND CANNED TOMATOES, APPLES, AND PEACHES. HOWARD WILSON ANDERSON, Stewartstown, Pa.
Filed September 17, 1926. Serial No. 237,352. PUBLISHED DECEMBER 7, 1926.

224,973. BITUMINOUS COMPOUND FOR THE PROTECTION OF METAL AGAINST CORROSION. QUIGLEY FURNACE SPECIALTIES COMPANY, INC., New York, N. Y.
Filed September 16, 1926. Serial No. 237,335. PUBLISHED DECEMBER 21, 1926.

224,974. MAGAZINE PUBLISHED MONTHLY. A. W. SHAW COMPANY, Chicago, Ill.
Filed September 15, 1926. Serial No. 237,289. PUBLISHED DECEMBER 21, 1926.

224,975. MEN'S AND WOMEN'S STRAW HATS HAVING FLEXIBLE PORTIONS. BRONSTON BROS. AND CO., INC., New York, N. Y.
Filed September 15, 1926. Serial No. 237,260. PUBLISHED DECEMBER 7, 1926.

224,976. QUARTERLY MAGAZINE. MEN'S WEAR SERVICE CORPORATION, Chicago, Ill.
Filed September 13, 1926. Serial No. 237,184. PUBLISHED DECEMBER 14, 1926.

224,977. TOMATO CATCHUP, PICKLES, VINEGAR, PREPARED MUSTARD, CHILI SAUCE, CHOW-CHOW, AND PICKLE RELISHES. THE HARBAUER COMPANY, Toledo, Ohio.
Filed September 13, 1926. Serial No. 237,170. PUBLISHED DECEMBER 14, 1926.

224,978. FRATERNITY BADGES, LAPEL BUTTONS; SCARF, LAPEL, AND BREAST PINS; CUFF LINKS, TIE CLASPS, CHARMS, FINGER RINGS, BELT BUCKLES, AND ORNAMENTAL SHIELDS, ALL OF PRECIOUS METAL. PHI DELTA THETA, Oxford, Ohio.
Filed September 11, 1926. Serial No. 237,131. PUBLISHED DECEMBER 21, 1926.

224,979. CASTIRON CULVERT PIPE. AMERICAN CASTING COMPANY, Birmingham, Ala.
Filed September 10, 1926. Serial No. 237,060. PUBLISHED DECEMBER 21, 1926.

224,980. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT; FRESH VEGETABLES—NAMELY, TOMATOES. SOUTHLAND FRUIT & VEGETABLE EXCHANGE, INC., McAllen, Tex.
Filed November 15, 1926. Serial No. 240,100. PUBLISHED DECEMBER 21, 1926.

224,981. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. REDLANDS CO-OPERATIVE FRUIT ASSOCIATION, Redlands, Calif.
Filed November 15, 1926. Serial No. 240,094. PUBLISHED DECEMBER 21, 1926.

224,982. PREPARED FLOOR COVERING. THE PARAFFINE COMPANIES, INC., San Francisco, Calif.
Filed November 15, 1926. Serial No. 240,089. PUBLISHED DECEMBER 21, 1926.

224,983. DRIED APPLES. NORTHERN MERCANTILE CO., INC., New York, N. Y.
Filed November 15, 1926. Serial No. 240,086. PUBLISHED DECEMBER 21, 1926.

224,984. DRIED APPLES. NORTHERN MERCANTILE CO., INC., New York, N. Y.
Filed November 15, 1926. Serial No. 240,085. PUBLISHED DECEMBER 21, 1926.

224,985. RUBBER OR RUBBER AND FABRIC TIRES AND TUBES FOR VEHICLES. C. KENYON COMPANY, INC., New York, and Brooklyn, N. Y.
Filed November 15, 1926. Serial No. 240,079. PUBLISHED DECEMBER 21, 1926.

224,986. CANNED FRUITS, CANNED VEGETABLES, AND CANNED FISH. H. JEVNE CO., Los Angeles, Calif.
Filed November 15, 1926. Serial No. 240,078. PUBLISHED DECEMBER 21, 1926.

224,987. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. CHENEY BROTHERS, South Manchester, Conn.
Filed November 12, 1926. Serial No. 239,968. PUBLISHED DECEMBER 21, 1926.

224,988. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. CHENEY BROTHERS, South Manchester, Conn.
Filed November 12, 1926. Serial No. 239,967. PUBLISHED DECEMBER 21, 1926.

224,989. COTTON AND LINEN THREAD. H. E. LOCKE & Co. INC., Boston, Mass.
Filed November 11, 1926. Serial No. 239,940. PUBLISHED DECEMBER 21, 1926.

224,990. ASH RECEIVERS. SPENCER C. FISH, doing business as Auto Have It Company, La Crosse, Wis.
Filed November 11, 1926. Serial No. 239,926. PUBLISHED DECEMBER 21, 1926.

224,991. CANDY. E. J. BRACH & SONS, Chicago, Ill.
Filed November 11, 1926. Serial No. 239,917. PUBLISHED DECEMBER 21, 1926.

224,992. BUSHINGS. METALASTIC INC., Jersey City, N. J.
Filed November 10, 1926. Serial No. 239,890. PUBLISHED DECEMBER 21, 1926.

224,993. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & Co. INC., New York, N. Y.
Filed November 10, 1926. Serial No. 239,877. PUBLISHED DECEMBER 21, 1926.

224,994. POWER-TRANSMISSION GEAR—NAMELY, IRON PULLEYS, SHAFT HANGERS, AND PILLOW BLOCKS. HARDWARE PRODUCTS COMPANY, Boston, Mass.
Filed November 9, 1926. Serial No. 239,856. PUBLISHED DECEMBER 21, 1926.

224,995. POWER-DRIVEN UPRIGHT AND RADIAL DRILLING MACHINES. THE CINCINNATI BICKFORD TOOL COMPANY, Oakley, Cincinnati, Ohio.
Filed November 9, 1926. Serial No. 239,843. PUBLISHED DECEMBER 21, 1926.

224,996. DEODORIZERS, ANTISEPTICS, DISINFECTANTS, AND STERILIZERS. CLARENCE C. ALLBACH, doing business as Distafect Laboratories, Worcester, Pa.
Filed November 9, 1926. Serial No. 239,839. PUBLISHED DECEMBER 21, 1926.

224,997. DAILY NEWSPAPER. BOSTON PUBLISHING COMPANY, Boston, Mass.
Filed November 8, 1926. Serial No. 239,792. PUBLISHED DECEMBER 14, 1926.

224,998. PNEUMATIC AUTOMOBILE TIRES. THE INDIA TIRE AND RUBBER COMPANY, Mogadore and Akron, Ohio.
Filed November 6, 1926. Serial No. 239,752. PUBLISHED DECEMBER 21, 1926.

224,999. ELECTRICALLY-OPERATED VACUUM CLEANERS. WISE-MCCLUNG COMPANY, LTD., New Philadelphia, Ohio.
Filed November 5, 1926. Serial No. 239,728. PUBLISHED DECEMBER 21, 1926.

225,000. USED OR SECOND-HAND MOTOR VEHICLES. STERRETT & FLEMING, INC., Washington, D. C.
Filed November 5, 1926. Serial No. 239,726. PUBLISHED DECEMBER 21, 1926.

225,001. NOSE AND THROAT SPRAY COMPOSED OF AN OIL BASE WITH CAMPHOR, MENTHOL, ALCOHOL, AND ESSENTIAL OILS OF EUCALYPTUS AND CINNAMON. SCHREIBER PRODUCTS CORPORATION, Buffalo, N. Y.
Filed November 5, 1926. Serial No. 239,722. PUBLISHED DECEMBER 21, 1926.

225,002. MEDICINE FOR USE AS AN ANTACID. WILLIAM H. FREESING, doing business as Gastralgadyne Laboratories, Cincinnati, Ohio.
Filed November 5, 1926. Serial No. 239,705. PUBLISHED DECEMBER 21, 1926.

225,003. PERFUMES AND TOILET CREAMS. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa.
Filed November 4, 1926. Serial No. 239,687. PUBLISHED DECEMBER 21, 1926.

225,004. SOAPS. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa.
Filed November 4, 1926. Serial No. 239,686. PUBLISHED DECEMBER 14, 1926.

225,005. CARBON DIOXIDE IN SOLID OR SEMI-SOLID FORM. CARBICE CORPORATION OF AMERICA, Long Island City, N. Y.
Filed November 3, 1926. Serial No. 239,612. PUBLISHED DECEMBER 21, 1926.

225,006. MEDICINAL COMPOUND TO BE USED ON THE HAIR AS AN AID IN REMOVING DANDRUFF AND PROMOTING GROWTH OF THE HAIR. LUCY B. HAWKINS, Chickasha, Okla.
Filed July 12, 1926. Serial No. 234,439. PUBLISHED DECEMBER 14, 1926.

225,007. COFFEE. THE GREAT ATLANTIC & PACIFIC TEA CO., Jersey City, N. J.
Filed July 8, 1926. Serial No. 234,299. PUBLISHED DECEMBER 7, 1926.

225,008. METAL POLISH. JOHN W. DICUS, Baltimore, Md.
Filed July 7, 1926. Serial No. 234,257. PUBLISHED DECEMBER 21, 1926.

225,009. LEATHER SHOES. FARGO-HALLOWELL SHOE CO., Chicago, Ill.
Filed May 5, 1926. Serial No. 231,146. PUBLISHED DECEMBER 21, 1926.

225,010. CANNED VEGETABLES AND PICKLES. LAKESIDE PACKING COMPANY, Manitowoc, Wis.
Filed April 30, 1926. Serial No. 230,930. PUBLISHED DECEMBER 21, 1926.

225,011. FLEXIBLE METAL CONDUITS FOR GREASE GUNS. SHERE METAL PRODUCTS CORP., Oakland, Calif.
Filed April 26, 1926. Serial No. 230,768. PUBLISHED DECEMBER 21, 1926.

225,012. SKIN CREAM. TALCUM POWDER, TOOTH PASTE, LAXATIVE TABLETS, AND SHAMPOO PREPARATION. NOXZEMA CHEMICAL CO., Baltimore, Md.
Filed April 24, 1926. Serial No. 230,679. PUBLISHED DECEMBER 14, 1926.

225,013. HIGH-TEMPERATURE CEMENTS TO BE USED FOR BRICKWORK ON THE INTERIOR OF FURNACES. THE PARKER-RUSSELL MINING & MFG. CO., St. Louis, Mo.
Filed April 21, 1926. Serial No. 230,499. PUBLISHED DECEMBER 14, 1926.

225,014. UNFINISHED FURS AND SKINS. MEI-HWA FUR TRADING CORPORATION, New York, N. Y.
Filed April 6, 1926. Serial No. 229,746. PUBLISHED DECEMBER 21, 1926.

225,015. WOOD-WIND MUSICAL INSTRUMENTS AND SILVER FLUTES. WILHELM HERMANN HECKEL, doing business as Wilhelm Heckel, Biebrich-on-the-Rhine, Germany.
Filed December 31, 1925. Serial No. 225,359. PUBLISHED DECEMBER 21, 1926.

225,016. RADIO RECEIVING SETS AND PARTS THEREOF AND ALSO FOR ACCESSORIES FOR RADIO APPARATUS—NAMELY, B-BATTERY ELIMINATORS, TRAN-CHOKE COILS, AND DOUBLE IMPEDANCE UNITS. FORD RADIO & MICA CORPORATION, New York, N. Y.
Filed April 13, 1926. Serial No. 230,095. PUBLISHED DECEMBER 21, 1926.

225,017. RADIO RECEIVING SETS, LOUD SPEAKERS, ANTENNA, TRANSFORMERS, INDUCTION COILS, TUBE SOCKETS, RESISTANCE UNITS, RHEOSTATS, CONDENSERS, LOADING COILS, CHOKE COILS, INDUCTANCES, AND RESISTANCE COILS, AND ASSEMBLED RESISTANCE UNITS, INDUCTIVE AND NONINDUCTIVE. REICHMANN COMPANY, Chicago, Ill.
Filed April 17, 1926. Serial No. 230,356. PUBLISHED DECEMBER 21, 1926.

225,018. WATER-SOLUBLE PREPARATION CONTAINING CELL-BUILDING PROTEID SUBSTANCES. JOHANN ABRAHAM VON WÜLFING, Berlin, Germany.
Filed March 23, 1926. Serial No. 229,067. PUBLISHED DECEMBER 14, 1926.

225,019. PREPARATION FOR COLORING, FLAVORING, AND CLARIFYING A NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. BEN-BURK SYSTEM, INC., Boston, Mass.
Filed July 22, 1926. Serial No. 234,888. PUBLISHED DECEMBER 21, 1926.

225,020. MONTHLY PUBLICATION. THE ROYCROFTERS, East Aurora, N. Y.
Filed July 21, 1926. Serial No. 234,873. PUBLISHED OCTOBER 12, 1926.

225,021. COMPOUND OF COFFEE AND CHICORY. MCCOMB COFFEE CO., McComb, Miss.
Filed July 21, 1926. Serial No. 234,857. PUBLISHED DECEMBER 7, 1926.

225,022. OILS OR THE LIKE FOR TREATING COTTON OR OTHER TEXTILE FIBERS. H. F. HOUGHTON & Co., Philadelphia, Pa.
Filed July 21, 1926. Serial No. 234,844. PUBLISHED DECEMBER 14, 1926.

225,023. COLD-PACK FRUITS AND BERRIES. SOUTHERN CANNING & PACKING CO., Wilmington, N. C.
Filed July 16, 1926. Serial No. 234,636. PUBLISHED DECEMBER 21, 1926.

225,024. WATCHES AND CHRONOMETERS, WATCH MOVEMENTS, WATCHCASES, DIALS, AND PARTS OF WATCHES. SOCIÉTÉ ANONYME MIDO (AKTIENGESELLSCHAFT MIDO) (MIDO LIMITED), Solothurn, Switzerland.
Filed July 13, 1926. Serial No. 234,491. PUBLISHED DECEMBER 21, 1926.

225,025. COMPOSITION BLANKS FROM WHICH ARE CUT RUBBER HEELS AND SOLES. O'SULLIVAN RUBBER COMPANY, INC., New York, N. Y.
Filed July 13, 1926. Serial No. 234,483. PUBLISHED DECEMBER 14, 1926.

225,026. SOAPS. HOUBIGANT, INC., New York, N. Y.
Filed July 13, 1926. Serial No. 234,475. PUBLISHED DECEMBER 21, 1926.

225,027. MEN'S, WOMEN'S, AND CHILDREN'S BATHING SUITS, BATHING CAPS, BATHING SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF, BATHING BELTS, ATHLETIC SHIRTS AND PANTS, SWEATERS, AND BATH ROBES. THE MILBURY ATLANTIC MANUFACTURING CO., New York, N. Y.
Filed July 21, 1925. Serial No. 217,680. PUBLISHED NOVEMBER 23, 1926.

225,028. GLASSWARE. GRAHAM & ZENGER, INC., New York, N. Y.
Filed May 11, 1925. Serial No. 214,154. PUBLISHED DECEMBER 21, 1926.

225,029. HAIRBRUSHES. GEO. R. GIBSON CO., New York, N. Y.
Filed April 22, 1925. Serial No. 213,132. PUBLISHED DECEMBER 28, 1926.

225,030. WORSTED AND WOOLEN TEXTILE FABRICS. HOLDEN-LEONARD CO., New York, N. Y.
Filed October 18, 1926. Serial No. 238,787. PUBLISHED DECEMBER 21, 1926.

225,031. BAG BLUING. EDWIN Z. ADAMS, New Orleans, La.
Filed October 18, 1926. Serial No. 238,763. PUBLISHED DECEMBER 21, 1926.

225,032. COMPOUND FOR THE TREATMENT OF THE NERVES OF THE TEETH. STRATFORD-COOKSON COMPANY, Philadelphia, Pa.
Filed October 16, 1926. Serial No. 238,750. PUBLISHED DECEMBER 21, 1926.

225,033. TABLE SIRUP. RODDENBERY BROS., Cairo, Ga.
Filed October 16, 1926. Serial No. 238,743. PUBLISHED DECEMBER 14, 1926.

225,034. COMIC STRIP IN ITS DAILY NEWSPAPER—TO WIT, THE NEW YORK EVENING GRAPHIC. MACFADDEN PUBLICATIONS, INCORPORATED, New York, N. Y.
Filed October 16, 1926. Serial No. 238,727. PUBLISHED DECEMBER 21, 1926.

225,035. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS OF VARIOUS FLAVORS. JOHN G. EPPING BOTTLING WORKS, INC., Lexington, Ky.
Filed October 19, 1926. Serial No. 238,845. PUBLISHED DECEMBER 28, 1926.

225,036. BROAD SILK FABRICS, ALL SILK, CREPE FAILLE. KLOTZ SILK MANUFACTURING CO. INC., Clifton, N. J.
Filed October 8, 1926. Serial No. 238,319. PUBLISHED DECEMBER 21, 1926.

225,037. FRESH EGGS. ALEX WILSON COMPANY, Cincinnati, Ohio.
Filed October 8, 1926. Serial No. 238,353. PUBLISHED DECEMBER 14, 1926.

225,038. CANDY. CHARLES N. MILLER CO., Boston, Mass.
Filed October 8, 1926. Serial No. 238,331. PUBLISHED DECEMBER 7, 1926.

225,039. WHEAT FLOUR, COFFEE, AND TEA. S. BUDD MANDELL, doing business as K. Mandell & Company, New York, N. Y.
Filed October 8, 1926. Serial No. 238,327. PUBLISHED DECEMBER 14, 1926.

225,040. WEEKLY PUBLICATION. R. G. DUN & CO., New York, N. Y.
Filed October 8, 1926. Serial No. 238,308. PUBLISHED DECEMBER 21, 1926.

225,041. CLOCKS. TIME-AD CORPORATION, New York, N. Y.
Filed October 7, 1926. Serial No. 238,291. PUBLISHED DECEMBER 21, 1926.

225,042. DIARIES. CHAS. WOLFBERG, Chicago, Ill.
Filed October 6, 1926. Serial No. 238,241. PUBLISHED DECEMBER 21, 1926.

225,043. OINTMENT FOR ECZEMA. VEITCH (CHEMIST) LIMITED, Burnley, England.
Filed October 5, 1926. Serial No. 238,198. PUBLISHED DECEMBER 14, 1926.

225,044. DRY CLEANERS FOR CLEANING CLOTH OR OTHER FIBROUS FABRICS. WYNN PRODUCTS COMPANY, Sterling, Ill.
Filed October 18, 1926. Serial No. 238,825. PUBLISHED DECEMBER 21, 1926.

225,045. BRAKE LINING COMPOSED MAINLY OF INTERWOVEN ASBESTOS AND BRASS, THE ASBESTOS PREDOMINATING. CRESSWELL'S ASBESTOS CO. LTD., Bradford, England.
Filed October 9, 1926. Serial No. 238,360. PUBLISHED DECEMBER 21, 1926.

225,046. A DRY CLEANER. DELSTE COMPANY, INC., Tulsa, Okla.
Filed October 9, 1926. Serial No. 238,362. PUBLISHED DECEMBER 21, 1926.

225,047. POWDERED BARLEY-MALT EXTRACT FOR FOOD PURPOSES. SCHREIBER PRODUCTS CORPORATION, Buffalo, N. Y.
Filed October 9, 1926. Serial No. 238,401. PUBLISHED DECEMBER 14, 1926.

225,048. ANTISEPTIC AND HEALING POWDER FOR INTERNAL AND EXTERNAL USE. SOCIETE DR. FUMOUZE & CIE., Paris, France.
Filed October 9, 1926. Serial No. 238,405. PUBLISHED DECEMBER 21, 1926.

225,049. THERMAL INSULATING MATERIALS COMPRISING ROCK WOOL, ROCK CORK, AND ROCK CEMENT. BANNER ROCK PRODUCTS CO., Alexandria, Ind.
Filed October 11, 1926. Serial No. 238,419. PUBLISHED DECEMBER 14, 1926.

225,050. BREAD. DETROIT BREAD COMPANY, INC., Detroit, Mich.
Filed October 11, 1926. Serial No. 238,430. PUBLISHED DECEMBER 14, 1926.

225,051. COAL. OLD STRAIGHT CREEK COAL CORPORATION, Charleston, W. Va., Cary, Ky., and Cincinnati, Ohio.
Filed October 5, 1926. Serial No. 238,193. PUBLISHED DECEMBER 7, 1926.

225,052. COAL. OLD STRAIGHT CREEK COAL CORPORATION, Charleston, W. Va., Cary, Ky., and Cincinnati, Ohio.
Filed October 5, 1926. Serial No. 238,192. PUBLISHED DECEMBER 7, 1926.

225,053. PERSONAL STAMPS. WILLIAM L. HALL, Chicago, Ill.
Filed October 4, 1926. Serial No. 238,116. PUBLISHED DECEMBER 21, 1926.

225,054. WEATHER STRIP. W. J. DENNIS & COMPANY, Chicago, Ill.
Filed October 4, 1926. Serial No. 238,107. PUBLISHED DECEMBER 7, 1926.

225,055. PUBLICATION ISSUED MONTHLY. THE MARION STEAM SHOVEL COMPANY, Marion, Ohio.
Filed September 27, 1926. Serial No. 237,817. PUBLISHED DECEMBER 14, 1926.

225,056. COKE. MILLER COKE CORPORATION, New York, N. Y.
Filed September 28, 1926. Serial No. 237,869. PUBLISHED DECEMBER 14, 1926.

225,057. SOAP. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed September 29, 1926. Serial No. 237,921. PUBLISHED DECEMBER 21, 1926.

225,058. TEA PACKED IN RETAINERS OF GAUZE. JOHN D. BOWEN, New York, N. Y.
Filed October 1, 1926. Serial No. 238,007. PUBLISHED DECEMBER 7, 1926.

225,059. COAL. THE MARY HELEN COAL CORPORATION, Coalgood, Ky.
Filed October 2, 1926. Serial No. 238,065. PUBLISHED DECEMBER 7, 1926.

225,060. PREPARATION FOR CLEANING GLASS. CRYSTOLA MFG. CO., Philadelphia, Pa.
Filed September 27, 1926. Serial No. 237,787. PUBLISHED DECEMBER 21, 1926.

225,061. FROZEN CONFECTION. JOSEPH W. DUBRAKS, St. Petersburg, Fla.
Filed September 27, 1926. Serial No. 237,794. PUBLISHED NOVEMBER 30, 1926.

225,062. BREAKFAST CEREAL COMPOUNDS. PERCO CEREAL CO., INC., Fort Worth, Tex.
Filed November 4, 1926. Serial No. 239,674. PUBLISHED DECEMBER 21, 1926.

225,063. PASTE WHICH IS USED AS A SOAP AND AS A SPOT AND STAIN REMOVER. FADE-A-WAY PRODUCTS CO., Mount Vernon, Ohio.
Filed November 4, 1926. Serial No. 239,648. PUBLISHED DECEMBER 21, 1926.

225,064. MONTHLY MAGAZINE. THE SOUTHWEST MAGAZINE COMPANY, Fort Worth, Tex.
Filed November 3, 1926. Serial No. 239,630. PUBLISHED DECEMBER 14, 1926.

225,065. CARBON DIOXIDE IN SOLID OR SEMI-SOLID FORM. CARBICE CORPORATION OF AMERICA, Long Island City, N. Y.
Filed November 3, 1926. Serial No. 239,611. PUBLISHED DECEMBER 21, 1926.

225,066. MONTHLY MAGAZINE. AMERICAN FRUITS PUBLISHING CO., INC., Rochester, N. Y.
Filed November 3, 1926. Serial No. 239,607. PUBLISHED DECEMBER 14, 1926.

225,067. MONTHLY MAGAZINE. GULF STATES FARMER COMPANY, LTD., New Orleans, La.; New York, N. Y.; Chicago, Ill.; Atlanta, Ga.; and San Francisco, Calif.
Filed November 2, 1926. Serial No. 239,582. PUBLISHED DECEMBER 14, 1926.

225,068. WHEAT FLOUR. CLARO MILLING COMPANY, Minneapolis, Minn.
Filed November 1, 1926. Serial No. 239,508. PUBLISHED DECEMBER 14, 1926.

225,069. OINTMENT FOR THE TREATMENT OF CONSTIPATION AND POSTOPERATIVE PAINS. N. C. GOODWIN'S LABORATORY, INC., New York, N. Y.
Filed October 30, 1926. Serial No. 239,470. PUBLISHED DECEMBER 14, 1926.

225,070. MONTHLY MAGAZINE. CLEVELAND RETAIL GROCERS ASSOCIATION, Cleveland, Ohio.
Filed October 30, 1926. Serial No. 239,464. PUBLISHED DECEMBER 14, 1926.

225,071. POULTRY MASHES AND SCRATCHES. HUFFINE GRAIN COMPANY, Los Angeles, Calif.
Filed October 28, 1926. Serial No. 239,365. PUBLISHED DECEMBER 14, 1926.

225,072. STEEL-ARMORED ELECTRICAL CABLE. HAZARD MANUFACTURING COMPANY, Wilkes-Barre, Pa.
Filed October 28, 1926. Serial No. 239,364. PUBLISHED DECEMBER 21, 1926.

225,073. WATCHES. GOTHIC WATCH CO. INC., New York, N. Y.
Filed October 28, 1926. Serial No. 239,362. PUBLISHED DECEMBER 21, 1926.

225,074. FACE POWDER. WESTERN LABORATORIES, INC., Chicago, Ill.
Filed October 27, 1926. Serial No. 239,339. PUBLISHED DECEMBER 28, 1926.

225,075. INSECTICIDES. HAROLD O. HUNTINGTON, Hillsboro, Oreg.
Filed October 27, 1926. Serial No. 239,306. PUBLISHED DECEMBER 14, 1926.

225,076. CANNED CHICKEN. W. F. SMITH AND COMPANY, McMinnville, Oreg.
Filed October 26, 1926. Serial No. 239,278. PUBLISHED DECEMBER 7, 1926.

225,077. PASTES AND POWDERS FOR BEAUTIFYING AND PRESERVING THE TEETH, SKIN, AND HAIR AND PERFUMERY. PARFUMERIE ROGER ET GALLET, SOCIETE ANONYME, Paris, France.
Filed October 26, 1926. Serial No. 239,263. PUBLISHED DECEMBER 21, 1926.

225,078. COMPOUND OF COFFEE AND CHICORY. A. H. NIOLON & SON, INC., Meridian, Miss.
Filed October 26, 1926. Serial No. 239,259. PUBLISHED DECEMBER 21, 1926.

225,079. CANDY. THE GEORGE CLOSE CO., Cambridge, Mass.
Filed October 26, 1926. Serial No. 239,242. PUBLISHED DECEMBER 7, 1926.

225,080. GRANULAR EFFERVESCENT BLOOD SALTS. WESTERN PHARMACAL COMPANY, Salt Lake City, Utah.
Filed October 25, 1926. Serial No. 239,210. PUBLISHED DECEMBER 14, 1926.

225,081. MALT SIRUP FOR FOOD PURPOSES. VALENTIN BLATZ BREWING COMPANY, Milwaukee, Wis.
Filed October 25, 1926. Serial No. 239,207. PUBLISHED DECEMBER 14, 1926.

225,082. MASSAGE AND CLEANSING CREAM AND A FACIAL BLEACH PACK. THE MILKY-WAY COMPANY, INC., Chicago, Ill.
Filed October 25, 1926. Serial No. 239,187. PUBLISHED DECEMBER 14, 1926.

225,083. FRESH CITROUS FRUITS — NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. W. H. JAMESON, Corona, Calif.
Filed October 25, 1926. Serial No. 239,178. PUBLISHED DECEMBER 7, 1926.

225,084. DRY-CLEANING SOAP. BELTINE CHEMICAL & MFG. CO., Chicago, Ill.
Filed October 25, 1926. Serial No. 239,161. PUBLISHED DECEMBER 21, 1926.

225,085. HAIR NETS. WINNIE WINKLE FASHIONS, INC., New York, N. Y.
Filed October 23, 1926. Serial No. 239,159. PUBLISHED DECEMBER 21, 1926.

225,086. SOAP. THE PALMOLIVE COMPANY, Chicago, Ill.
Filed October 23, 1926. Serial No. 239,135. PUBLISHED DECEMBER 14, 1926.

225,087. TRIMMED HATS. LYON BROTHERS MILLINERY, Kansas City, Mo.
Filed October 23, 1926. Serial No. 239,124. PUBLISHED DECEMBER 21, 1926.

225,088. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, GRAPEFRUIT, AND TANGERINES, FRESH DECIDUOUS FRUITS—NAMELY, FIGS, DATES, FRESH GRAPES; FRESH VEGETABLES—NAMELY, TOMATOES. COACHELLA VALLEY GRAPEFRUIT ASSOCIATION, Thermal, Calif.
Filed October 23, 1926. Serial No. 239,091. PUBLISHED DECEMBER 7, 1926.

225,089. CREAM FOR DRESSING AND POLISHING LEATHER. CALIFORNIA LEATHER DRESSING COMPANY, San Francisco, Calif.
Filed October 23, 1926. Serial No. 239,087. PUBLISHED DECEMBER 21, 1926.

225,090. ELECTRIC-LIGHTING FIXTURES AND ELECTRIC-LIGHTING-FIXTURE UNITS. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed October 22, 1926. Serial No. 239,072. PUBLISHED DECEMBER 21, 1926.

225,091. SALTED PEANUTS AND MILK-CHOCOLATE PEANUTS. THE SUSU NUT CO., Chicago, Ill.
Filed October 22, 1926. Serial No. 239,071. PUBLISHED DECEMBER 7, 1926.

225,092. CLEANSER OR DETERGENT GENERALLY USED IN SOLID FORM FOR CLEANING RECEPTACLES AND CONTAINERS. DIVERSEY MANUFACTURING COMPANY, Chicago, Ill.
Filed October 22, 1926. Serial No. 239,025. PUBLISHED DECEMBER 14, 1926.

225,093. LIQUID POLISH FOR BRASS AND NICKEL; A POLISH IN PASTE FORM FOR GOLD, SILVER, AND CUT GLASS; AND A POLISH IN POWDER FORM PERMANENTLY CONTAINED WITHIN A CLOTH BAG. JOHN R. CARR, Germantown, Philadelphia, Pa.
Filed October 22, 1926. Serial No. 239,022. PUBLISHED DECEMBER 14, 1926.

225,094. RAZOR STROPS. KOKEN COMPANIES, St. Louis, Mo.
Filed October 21, 1926. Serial No. 238,981. PUBLISHED DECEMBER 14, 1926.

225,095. ARTISTS' SETS CONTAINING PLASTIC RELIEF PAINT, BRONZE, BRUSHES, AND DYES FOR PAINTING, SOLD AS A UNIT. JOSEPH RUBIN, doing business as Texstyle Art Co., New York, N. Y.
Filed October 20, 1926. Serial No. 238,921. PUBLISHED DECEMBER 14, 1926.

225,096. WHEAT FLOUR. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn.
Filed October 19, 1926. Serial No. 238,867. PUBLISHED DECEMBER 14, 1926.

225,097. NURSERY SOAP. HASTINGS RESEARCH GROUP, INC., New York, N. Y.
Filed October 19, 1926. Serial No. 238,854. PUBLISHED DECEMBER 21, 1926.

225,098. PERFUMES, ASTRINGENTS, BANDOLINE, ETC. FRENCH BEAUTY PRODUCTS CO., INC., New York, N. Y.
Filed October 19, 1926. Serial No. 238,848. PUBLISHED DECEMBER 21, 1926.

225,099. SOAPS. CARLOS J. DIAZ, New York, N. Y.
Filed October 19, 1926. Serial No. 238,843. PUBLISHED DECEMBER 14, 1926.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

225,100. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) KEYS & LOCKWOOD, New York, N. Y. Filed Dec. 16, 1926. Serial No. 241,575.

Keysbloth

Particular description of goods.—Woolen Piece Goods.
Claims use since on or about Feb. 21, 1921.

225,101. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) CHARLES L. LLOYD, doing business as Nu-Enamel Paint Company, Dallas, Tex. Filed Dec. 8, 1926. Serial No. 241,167.

NU-ENAMEL

Particular description of goods.—Automobile and Metal Enamels and Varnishes.
Claims use since March, 1925.

225,102. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BAER BROS., New York, N. Y. Filed Dec. 1, 1926. Serial No. 240,799.

WORTHY

Particular description of goods.—Ready-Mixed Paints.
Claims use since October, 1925.

225,103. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE AMERICAN HAMMERED PISTON RING COMPANY, Baltimore, Md. Filed Jan. 3, 1927. Serial No. 242,269.

American
Hammered
Piston Rings

Particular description of goods.—Piston Rings.
Claims use since January, 1922.

225,104. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE AMERICAN HAMMERED PISTON RING COMPANY, Baltimore, Md. Filed Jan. 3, 1927. Serial No. 242,268.



Particular description of goods.—Piston Rings.
Claims use since January, 1922.

225,105. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) VICAM PHOTO APPLIANCE CORPORATION, Philadelphia, Pa. Filed Dec. 30, 1926. Serial No. 242,218.

WILLSON WAY PRODUCTS

Particular description of goods.—Cameras.
Claims use since Nov. 20, 1925.

225,106. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CHICAGO MAIL ORDER COMPANY, Chicago, Ill. Filed July 3, 1926. Serial No. 234,088.

STYLE MADE

Particular description of goods.—Sewing Machines.
Claims use since Jan. 9, 1926.

225,107. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) 2 TUBE COMPANY, Chicago, Ill. Filed Apr. 8, 1926. Serial No. 229,854.

2-TUBES

Particular description of goods.—Prophylactics.
Claims use since Nov. 1, 1925.

225,108. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE TWILIGHT SLEEP COMPANY, INC., Portland, Oreg. Filed Apr. 2, 1926. Serial No. 229,603.



Particular description of goods.—An Anæsthetic Used in Dentistry.
Claims use since July, 1919.

225,109. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PELLING, STANLEY & CO. LTD., Liverpool, England. Filed Nov. 5, 1926. Serial No. 239,717.

"MIDDLE-CUT"

Particular description of goods.—Canned Salmon.
Claims use since about Mar. 31, 1896.

225,110. (CLASS 15. OILS AND GREASES.) INDEPENDENT OIL AND GAS COMPANY, Tulsa, Okla. Filed Nov. 4, 1926. Serial No. 239,659.

"CREAM OF THE CRUDE"

Particular description of goods.—Lubricating and Fuel Oils.
Claims use since Jan. 1, 1926.

225,111. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FLEMING-WILSON MERCANTILE CO., Topeka, Kans. Filed Oct. 16, 1926. Serial No. 238,713.

GOOD VALUE

Particular description of goods.—Canned Salmon, Canned Peas, Canned Kidney Beans, Canned Tomatoes, Canned Peaches, Canned Pears, Canned Apricots, Chocolate Candy; Evaporated Fruits—Namely, Apricots, Apples, and Prunes; Corn Meal, Macaroni, Spaghetti, Vermicelli, Rolled Oats, Pancake Flour, Canned Oysters, Codfish Packed in Boxes, Canned Hominy, Fruit Jelly, Apple Butter, Fruit Preserves, Dried Beef, Potted Meat, Vienna Sausage, Canned Evaporated Milk, Mincemeat, Salted Peanuts, Peanut Butter, Olives, Pickles, Chick and Hen Feed, Spices, Cornstarch, Table Sirup, Catchup, Horse-Radish, Mustard, Canned Pork and Beans, Canned Sauerkraut, Chile Con Carne, Green Beans, Fresh Beets, Fresh Spinach, Canned Corn, Canned Tomato Purée, Vinegar.
Claims use since Nov. 20, 1924, on canned peas; since Dec. 23, 1924, on canned salmon; and since Dec. 27, 1924, on balance of goods.

225,112. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) JEAN H. MARSHALL, doing business as Marshall Products Company, New York, N. Y. Filed Dec. 18, 1925. Serial No. 224,876.

Saf-tray

Particular description of goods.—Cigarette and Cigar Rest, Holder for Match Boxes, Ash and Stub Containers.
Claims use since Oct. 24, 1925.

225,113. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BARCELONA PRODUCTS CO. INC., New York, N. Y. Filed Dec. 24, 1925. Serial No. 225,103.

BARCELONA

Particular description of goods.—Shampoo and Bay Rum.
Claims use since Apr. 30, 1925, as applied to shampoo, and to bay rum since Nov. 15, 1925.

225,114. (CLASS 39. CLOTHING.) BARMON BROTHERS COMPANY, INC., Buffalo, N. Y. Filed Dec. 22, 1925. Serial No. 225,004.

Raglansmock

Particular description of goods.—Dresses.
Claims use since on or about Dec. 7, 1925.

225,115. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHERAMY, INC., New York, N. Y. Filed Feb. 4, 1926. Serial No. 226,844.

BIARRITZ

Particular description of goods.—Toilet Waters, Perfumes, Rouges, Face Powder, Talcum Powder, Sachets, Cold Creams, Lotions for the Skin and Hair, Brilliantines, Powder and Rouge Compacts, Vegetals, Bath Salts, Bath Tablets, Lip Sticks, Bandoline, and Dusting Powder.
Claims use since Jan. 27, 1926.

225,116. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) N. W. MAAS & SONS, Bolivar, Mo. Filed Jan. 4, 1926. Serial No. 225,479.



Particular description of goods.—Butter and Ice Cream.
Claims use since Aug. 24, 1925.

225,117. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BARCELONIA PRODUCTS CO. INC., New York, N. Y. Filed Dec. 24, 1925. Serial No. 225,104.

BARCELONA



Particular description of goods.—Olive Oil.
Claims use since Apr. 30, 1925.

225,118. (CLASS 39. CLOTHING.) SECURITY MILLS, INC., Newton, Mass., and New York, N. Y. Filed Mar. 31, 1926. Serial No. 229,471.

NU-TWILL

Particular description of goods.—Dresses and Hats for Women and Children, and Coats, Suits, Sweaters, Sport Coats, Jackets, and Slip-Ons for Men, Women, and Children, Made of Knitted Fabrics.
Claims use since December, 1925.

225,119. (CLASS 15. OILS AND GREASES.) ASSOCIATED OIL COMPANY, San Francisco, Calif. Filed Mar. 13, 1926. Serial No. 228,588.

BURNBRITE

Particular description of goods.—Kerosene.
Claims use since Jan. 15, 1926.

225,120. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) NEW YORK MERCHANDISE COMPANY, New York, N. Y. Filed Feb. 10, 1926. Serial No. 227,136.

DR. STRONG

Particular description of goods.—Toothbrushes.
Claims use since Jan. 29, 1926.

TRADE-MARK REGISTRATIONS RENEWED

26,769. METAL AND WIRE GOODS, CHAINS, CABLES, CONDUCTORS, HARD SPELTER, AND CERTAIN RUBBER GOODS. Registered July 2, 1895. FELTON & GUILLEAUME, Mulheim-on-the-Rhine, Germany. Renewed July 2, 1925, to Felton & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany, a Corporation of Germany, assignee.

28,257. BICYCLES, VELOCIPEDES, AND SIMILAR VEHICLES. Registered May 12, 1896. GEO. N. PIERCE & Co. Renewed May 12, 1926, to The Pierce-Arrow Motor Car Company, Buffalo, N. Y., a Corporation of New York, successor.

28,422. HATS AND CAPS. Registered June 23, 1896. GORDON & FERGUSON. Renewed June 23, 1926, to Gordon & Ferguson, Inc., St. Paul, Minn., a Corporation of Delaware, assignee by mesne assignments.

28,835. A PREPARATION FOR WHITENING STONEWORK. Registered September 1, 1896. TOPP'S DRESSING CO. Renewed September 1, 1926, to Topp's Stone Dressing Co., Louisville, Ky., a Corporation of Kentucky, successor.

28,979. CARPETS, COVERS, AND FURNITURE STUFFS. Registered October 13, 1896. GEBRÜDER SCHOELLER, Duren, Germany. Renewed October 13, 1926.

29,022. LIQUID AND OTHER SOAPS. Registered October 20, 1896. W. & F. WALKER. Renewed October 20, 1926, to W. & F. Walker Limited, Liverpool, England, a Company of Great Britain, successor.

29,129. KID-BODY BISQUE-HEAD DOLLS. Registered November 10, 1896. J. D. KESTNER, jr., Waltershausen, Germany. Renewed November 10, 1926.

29,133. LACTATE OF SILVER, CITRATE OF SILVER, AND ALL PHARMACEUTICAL PREPARATIONS OF SILVER. Registered November 10, 1896. CHEMISCHE FABRIK VON HEYDEN, GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Radebeul, Germany. Renewed November 10, 1926, to Heyden Chemical Corporation, New York, N. Y., a Corporation of New York, assignee.

29,406. AN EXTRACT OF THYROID GLANDS FOR USE IN OBESITY AND CUTANEOUS AFFECTIONS. Registered January 5, 1897. FARBENFABRIKEN, VORMALS FR. BAYER & Co., Elberfeld, Germany. Renewed January 5, 1927, to Winthrop Chemical Company, Inc., New York, N. Y., a Corporation of New York, assignee.

29,472. PORCELAIN BUTTONS AND ORIENTAL PEARLS. Registered January 12, 1897. FERD. SCHMETZ, Aix-la-Chapelle and Herzogenrath, Germany. Renewed January 12, 1927, to Ferd. Schmetz, Aachen and Herzogenrath, Germany.

29,529. HOES. Registered January 26, 1897. D. & H. SCOVIL. Renewed January 26, 1927, to D. & H. Scovil, Inc., Higganum, Conn., a Corporation of Connecticut, successor.

29,552. A COMPOSITION FOR MANUFACTURING GLASS BATCH. Registered February 2, 1897. JOSEPH KEMPNER, Gorlitz, Germany. Renewed February 2, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,556. COAL-TAR PRODUCTS EXCEPTING DYES. Registered February 2, 1897. BARRETT MANUFACTURING COMPANY, Philadelphia, Pa. Renewed February 2, 1927, to The Barrett Company, New York, N. Y., a Corporation of New Jersey, assignee.

29,620. PACKING, GASKETS, AND RUBBER COMPOUND. Registered March 2, 1897. THE PEERLESS RUBBER MFG. CO., New York, N. Y. Renewed March 2, 1927, to United States Rubber Company, New Brunswick, N. J., and New York, N. Y., a Corporation of New Jersey, assignee.

29,630. CAUSTIC SODA AND SILICATE OF SODA NOT USED IN CONNECTION WITH COMPOUNDS FOR SCALDING RAW WOOL. Registered March 2, 1897. JOSEPH CROSFIELD & SONS, LIMITED, Warrington, England, a Corporation of Great Britain. Renewed March 2, 1927.

29,632. ROLLED OATS. Registered March 2, 1897. THE AMERICAN CEREAL COMPANY, Akron, Ohio; Chicago, Ill.; and Davenport, Iowa. Renewed March 2, 1927, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

29,658. CHEMICALS HAVING A NARCOTIC INFLUENCE. Registered March 9, 1897. THE FIRM OF E. MERCK, Darmstadt, Germany. Renewed March 9, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,687. DYESTUFF. Registered March 9, 1897. BADISCHE ANILIN AND SODA-FABRIK, Ludwigshafen-on-the-Rhine, Germany. Renewed March 9, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,688. DYESTUFF. Registered March 9, 1897. BADISCHE ANILIN AND SODA-FABRIK, Ludwigshafen-on-the-Rhine, Germany. Renewed March 9, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,689. DYESTUFF. Registered March 9, 1897. BADISCHE ANILIN AND SODA-FABRIK, Ludwigshafen-on-the-Rhine, Germany. Renewed March 9, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,723. STETHOSCOPES OR INSTRUMENTS FOR RENDERING AUDIBLE SOUNDS IN THE HUMAN BODY. Registered March 23, 1897. MARTIN WALLACH NACHFOLGER, Cassel, Germany. Renewed March 23, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,728. CHEMICAL PREPARATIONS. Registered March 23, 1897. CARL RASPE, Weissensee, Germany. Renewed March 23, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,795. MALTED DRY FOOD EXTRACTS. Registered April 6, 1897. HORLICKS FOOD CO. Renewed April 6, 1927, to Horlick's Malted Milk Corporation, Racine, Wis., a Corporation of Delaware, assignee.

29,815. FINISHED CLOTHS. Registered April 13, 1897. FRANK ARTHUR SAYLES, Saylesville, R. I. Renewed April 13, 1927, to Sayles Finishing Plants, Inc., Saylesville, R. I., and New York, N. Y., a Corporation of Rhode Island, assignee by mesne assignments.

29,832. REMEDIES FOR CATARRH, HAY FEVER, COLDS, AND DISEASES OF THE NOSE, THROAT, AND LUNGS. Registered April 13, 1897. JOHN J. REARDON and THOMAS KENYON. Renewed April 13, 1927, to T. N. Kenyon, Minneapolis, Minn., successor.

29,840. A DENTIFRICE. Registered April 13, 1897. HERMAN C. G. LUYTIES and FREDERICK A. LUYTIES, St. Louis, Mo. Renewed April 13, 1927, to The Sanitol Company, New York, N. Y., a Corporation of Missouri, assignee.

29,902. PRINTING, WRITING, WRAPPING, AND SURFACE-COATED PAPER. Registered April 27, 1897. DILL & COLLINS. Renewed April 27, 1927, to Dill & Collins Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

29,909. LEATHER BELTING. Registered April 27, 1897. JEWEL BELTING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed April 27, 1927.

29,942. CHEMICAL AND PHARMACEUTICAL PRODUCTS. Registered May 4, 1897. CHEMISCHE FABRIK VON HEYDEN, GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Radebeul, Germany. Renewed May 4, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,949. BISCUITS. Registered May 4, 1897. F. B. WASHBURN & Co. "CORPORATION", Brockton, Mass., a Corporation of Massachusetts. Renewed May 4, 1927.

30,095. SPICES, FLAVORING EXTRACTS, SALAD DRESSING, AND SAUCES. Registered May 25, 1897. E. R. DURKEE & Co., New York, N. Y. Renewed May 25, 1927, to E. R. Durkee & Co., Elmhurst, N. Y.

30,115. DETERGENT AND WASHING POWDERS. Registered June 1, 1897. THE N. K. FAIRBANK COMPANY, Chicago, Ill.; St. Louis, Mo.; New York, N. Y.; and Montreal, Canada. Renewed June 1, 1927, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

30,123. GINGER ALE, LEMONADE, AND SODA WATER. Registered June 1, 1897. W. A. ROSS & SONS LIMITED, Belfast, Ireland, a Corporation of Great Britain and Ireland. Renewed June 1, 1927.

30,124. BEER. Registered June 1, 1897. CHR. HEURICH BREWING COMPANY, Washington, D. C., a Corporation of Virginia. Renewed June 1, 1927.

30,131. WROUGHT-IRON PIPES AND FITTINGS. Registered June 1, 1897. JOHN SIMMONS Co., New York, N. Y., a Corporation of New York. Renewed June 1, 1927.

30,133. WATCHCASES. Registered June 8, 1897. THE DUEBER WATCH CASE MANFG. CO. Renewed June 8, 1927, to The Dueber-Hampden Watch Company, Canton, Ohio, a Corporation of Ohio, assignee.

30,153. BEER AND MALT EXTRACTS. Registered June 8, 1897. CHR. HEURICH BREWING COMPANY, Washington, D. C., a Corporation of Virginia. Renewed June 8, 1927.

30,156. WHISKY. Registered June 8, 1897. GEO. A. DICKEL & Co., Nashville, Tenn. Renewed June 8, 1927.

30,162. LUBRICANTS. Registered June 8, 1897. VACUUM OIL COMPANY, Rochester, N. Y. Renewed June 8, 1927, to Vacuum Oil Company, New York, N. Y., a Corporation of New York.

30,215. CRAYONS, INKS, AND SIMILAR ARTICLES USED IN LITHOGRAPHY. Registered June 15, 1897. WILLIAM KORN, New York, N. Y. Renewed June 15, 1927.

30,219. DETERGENT AND WASHING POWDER. Registered June 15, 1897. THE N. K. FAIRBANK COMPANY, Chicago, Ill.; St. Louis, Mo.; New York, N. Y.; and Montreal, Canada. Renewed June 15, 1927, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

30,249. CONDENSED MILK. Registered June 22, 1897. MOHAWK CONDENSED MILK CO., Rochester, N. Y. Renewed June 22, 1927, to Mohawk Condensed Milk Company, Oconomowoc, Wis., a Corporation of New York.

30,260. DUPLICATING DEVICES. Registered June 29, 1897. F. S. WEBSTER COMPANY, Boston, Mass.; New York, N. Y.; Chicago, Ill.; and London, England. Renewed June 29, 1927, to F. S. Webster Company, Boston, Mass., a Corporation of Massachusetts, assignee.

30,327. CORN FLOUR AND CORNSTARCH AND LAUNDRY STARCH. Registered July 6, 1897. THE NATIONAL STARCH MANUFACTURING COMPANY, Covington, Ky., and New York, N. Y. Renewed July 6, 1927, to Corn Products Refining Company, New York, N. Y., a Corporation of New Jersey, assignee by mesne assignments.

30,409. PHOSPHORUS AND ANALOGOUS CHEMICAL COMPOUNDS. Registered July 20, 1897. ALBRIGHT & WILSON, LIMITED, Oldbury, England, a Joint Stock Company of Great Britain. Renewed July 20, 1927.

50,571. COUGH DROPS. Registered March 20, 1906. DAVIES, ROSE & CO., LTD. Renewed March 20, 1926, to Davies, Rose & Co. Ltd., Boston, Mass., a Corporation of Massachusetts, successor.

57,368. A DAILY NEWSPAPER. Registered November 13, 1906. ILLINOIS PRINTING & PUBLISHING CO., Chicago, Ill., a Corporation of Illinois. Renewed November 13, 1926.

57,875. LANOLIN AND PREPARATIONS THEREOF. Registered November 27, 1906. WOLLWÄSCHEREI UND KÄMMEREI, Döhren, bei Hannover. Renewed November 27, 1926, to Woll-Waescherei & Kammerei in Dohren bei Hannover, Döhren, near Hannover, Germany, a Joint Stock Company of Germany, successor.

58,052. LANOLIN AND LANOLIN SALVES. Registered December 4, 1906. WOLLWÄSCHEREI UND KÄMMEREI, Döhren, bei Hannover. Renewed December 4, 1926, to Woll-Waescherei & Kammerei in Dohren bei Hannover, Döhren, near Hannover, Germany, a Joint Stock Company of Germany, successor.

58,969. CERTAIN NAMED CLOTHING. Registered December 25, 1906. H. BLACK & CO. Renewed December 25, 1926, to The Wooltex Company, Cleveland, Ohio, a Corporation of Ohio, assignee.

58,970. CERTAIN NAMED CLOTHING. Registered December 25, 1906. H. BLACK & CO. Renewed December 25, 1926, to The Wooltex Company, Cleveland, Ohio, a Corporation of Ohio, assignee.

59,036. DRAWING TABLES AND FILING CASES. Registered January 1, 1907. ROLLO G. MANNING, Toledo, Ohio. Renewed January 1, 1927, to Hamilton Manufacturing Co., Two Rivers, Wis., a Corporation of Wisconsin, assignee by mesne assignments.

59,313. CERTAIN NAMED WHEAT AND RYE PREPARATIONS AND BAKERY PRODUCTS. Registered January 8, 1907. POTTER & WRIGHTINGTON. Renewed January 8, 1927, to Potter-Wrightington, Inc., Boston, Mass., a Corporation of Massachusetts, assignee.

59,343. COPPER AND ZINC PLATES FOR PHOTO-ENGRAVERS' USES. Registered January 8, 1907. THE AMERICAN STEEL & COPPER PLATE CO., New York, N. Y. Renewed January 8, 1927, to American Steel & Copper Plate Company, Jersey City, N. J., a Corporation of New Jersey.

59,614. CHUCKS, ARBORS, AND MANDRELS. Registered January 15, 1907. MORSE TWIST DRILL & MACHINE COMPANY, New Bedford, Mass., a Corporation of Massachusetts. Renewed January 15, 1927.

59,679. FINE POTTERY AND CERAMIC PRODUCTS OF ALL KINDS. Registered January 15, 1907. SOCIÉTÉ ANONYME POUR LA FABRICATION DES FAIENCES FINES ET PRODUITS CÉRAMIQUES. Renewed January 15, 1927, to Maatschappij Tot Vervaardiging Van Fijn Aardewerk En Ceramieke Voortbrengselen Van Alle Soorten, Genaamd "Société Céramique", Maestricht, Netherlands, a Limited-Liability Company of the Netherlands, successor.

59,695. A PERIODICAL. Registered January 15, 1907. FRANK BRADY, Denver, Colo. Renewed January 15, 1927.

59,820. WHITE LEAD. Registered January 22, 1907. CARTER WHITE LEAD COMPANY, Omaha, Nebr., and Chicago, Ill., a Corporation of Nebraska. Renewed January 22, 1927.

59,991. RAT, VERMIN, AND INSECT DESTROYERS AND EXTERMINATORS. Registered January 22, 1907. EPHRAIM S. WELLS. Renewed January 22, 1927, to William Henry Wells and George Titus Wells, executors and trustees under the will of Ephraim S. Wells, Jersey City, N. J., assignee.

60,131. BUNION PROTECTORS. Registered January 29, 1907. THE FISCHER MANUFACTURING COMPANY, Milwaukee, Wis., a Corporation of Wisconsin. Renewed January 29, 1927.

60,136. OPEN-MESH FABRIC FOR PROTECTION AGAINST INSECTS. Registered January 29, 1907. ISAAC E. PALMER. Renewed January 29, 1927, to The I. E. Palmer Company, Middletown, Conn., a Corporation of Connecticut, assignee.

60,148. CIGARS. Registered January 29, 1907. CUESTA, REY & CO., West Tampa, Fla. Renewed January 29, 1927, to Cuesta, Rey & Co., Tampa, Fla., a Corporation of Florida.

60,248. SHOTGUNS, PISTOLS, REVOLVERS, AND RIFLES. Registered January 29, 1907. REMINGTON ARMS COMPANY, New York and Ilion, N. Y. Renewed January 29, 1927, to Remington Arms Company, Inc., Bridgeport, Conn., and New York and Ilion, N. Y., a Corporation of Delaware, assignee.

60,307. SEWING COTTON ON SPOOLS AND REELS. Registered February 5, 1907. J. & P. COATS, Limited, Paisley, Scotland. Renewed February 5, 1927, to J. & P. Coats (R. I.), Inc., Pawtucket, R. I., a Corporation of Rhode Island, assignee.

60,308. SEWING COTTON WOUND ON SPOOLS OR REELS. Registered February 5, 1907. J. & P. COATS, LIMITED, Paisley, Scotland. Renewed February 5, 1927, to J. & P. Coats (R. I.), Inc., Pawtucket, R. I., a Corporation of Rhode Island, assignee.

60,352. CERTAIN KNITTED GOODS. Registered February 5, 1907. AMERICAN HOSIERY COMPANY, New Britain, Conn., a Corporation of Connecticut. Renewed February 5, 1927.

60,372. CERTAIN KNITTED GOODS. Registered February 5, 1907. AMERICAN HOSIERY COMPANY, New Britain, Conn., a Corporation of Connecticut. Renewed February 5, 1927.

60,387. COMPOUND IN SUPPOSITORY FORM FOR THE CURE AND ALLEVIATION OF FEMALE DISORDERS. Registered February 5, 1907. HERSCHEL E. CURREY, Baker City, Oreg. Renewed February 5, 1927, to Ona Hughes, Baker, Oreg., successor.

60,401. CERTAIN KNITTED GOODS. Registered February 5, 1907. AMERICAN HOSIERY COMPANY, New Britain, Conn., a Corporation of Connecticut. Renewed February 5, 1927.

60,489. WHEAT COFFEE. Registered February 12, 1907. POTTER & WRIGHTINGTON. Renewed February 12, 1927, to Potter-Wrightington, Inc., Boston, Mass., a Corporation of Massachusetts, assignee.

60,693. READY TAR AND FELT ROOFING. Registered February 19, 1907. BARRETT MANUFACTURING COMPANY. Renewed February 19, 1927, to The Barrett Company, New York, N. Y., a Corporation of New Jersey, assignee.

60,798. MOWER AND REAPER KNIFE SECTIONS. Registered February 19, 1907. R. HERSCHEL MANUFACTURING COMPANY, Peoria, Ill., a Corporation of Illinois. Renewed February 19, 1927.

61,063. FLAVORING EXTRACTS. Registered March 5, 1907. BLANKE-BAER CHEMICAL COMPANY. Renewed March 5, 1927, to Blanke-Baer Extract & Preserving Co., St. Louis, Mo., a Corporation of Missouri, assignee.

61,069. SLICED SMOKED BEEF. Registered March 5, 1907. FRED W. SIEBERT. Renewed March 5, 1927, to Henry F. Heins, Yonkers, N. Y., successor.

61,157. COTTON DUCK. Registered March 5, 1907. DENISON COTTON MILL COMPANY, Denison, Tex., a Corporation of Texas. Renewed March 5, 1927.

61,247. A MASSAGE CREAM AND ECZEMA CURE. Registered March 12, 1907. BLANKE-BAER CHEMICAL COMPANY. Renewed March 12, 1927, to Blanke-Baer Extract & Preserving Company, St. Louis, Mo., a Corporation of Missouri, assignee.

61,391. PADLOCKS, TRUNK LOCKS, CABINET LOCKS, AND DOOR LOCKS. Registered March 19, 1907. EAGLE LOCK COMPANY, Terryville, Conn., a Corporation of Connecticut. Renewed March 19, 1927.

61,420. A MONTHLY MAGAZINE. Registered March 19, 1907. ARTHUR D. HOSTERMAN. Renewed March 19, 1927, to The Cory-Kelm Publishing Co., Springfield, Ohio, a Corporation of Ohio, assignee.

61,495. HORSESHOES. Registered March 26, 1907. THE CHILLINGTON TOOL COMPANY, LIMITED, Wolverhampton, England, a Corporation of Great Britain. Renewed March 26, 1927.

61,616. COFFEE AND TEA. Registered March 26, 1907. W. S. QUINBY COMPANY. Renewed March 26, 1927, to W. S. Quinby Company, Boston, Mass., a Corporation of Massachusetts, assignee.

61,627. ROOFING AND SHEATHING FELT. Registered April 2, 1907. BARRETT MANUFACTURING COMPANY. Renewed April 2, 1927, to The Barrett Company, New York, N. Y., a Corporation of New Jersey, assignee.

61,643. FUSES. Registered April 2, 1907. COAST MANUFACTURING & SUPPLY CO., Berkeley, Calif. Renewed April 2, 1927, to Coast Manufacturing & Supply Company, Livermore, Calif., a Corporation of Delaware.

61,730. SUBSTITUTES FOR IODIDS. Registered April 2, 1907. FARBENFABRIKEN VORM. FRIEDR. BAYER & Co., Elberfeld, Germany. Renewed April 2, 1927, to Winthrop Chemical Company, Inc., New York, N. Y., a Corporation of New York, assignee.

61,816. CERTAIN LUBRICANTS. Registered April 9, 1907. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed April 9, 1927.

61,864. COFFEE AND TEA. Registered April 9, 1907. W. S. QUINBY COMPANY. Renewed April 9, 1927, to W. S. Quinby Company, Boston, Mass., a Corporation of Massachusetts, assignee.

61,893. COTTON DUCK. Registered April 9, 1907. DENISON COTTON MILL COMPANY, Denison, Tex., a Corporation of Texas. Renewed April 9, 1927.

61,905. WHEAT FLOUR. Registered April 9, 1907. NEW PRAGUE FLOURING MILL COMPANY, New Prague, Minn. Renewed April 9, 1927, to International Milling Company, Minneapolis, Minn., a Corporation of Delaware, assignee.

61,906. WHEAT FLOUR. Registered April 9, 1907. NEW PRAGUE FLOURING MILL COMPANY, New Prague, Minn. Renewed April 9, 1927, to International Milling Company, Minneapolis, Minn., a Corporation of Delaware, assignee.

61,915. WHEAT FLOUR. Registered April 9, 1907. WELLS FLOUR MILLING COMPANY, Wells, Minn. Renewed April 9, 1927, to International Milling Company, Minneapolis, Minn., a Corporation of Delaware, assignee.

61,916. WHEAT FLOUR. Registered April 9, 1907. WELLS FLOUR MILLING COMPANY, Wells, Minn. Renewed April 9, 1927, to International Milling Company, Minneapolis, Minn., a Corporation of Delaware, assignee.

61,924. CERTAIN MEDICINAL PREPARATIONS. Registered April 9, 1907. THE ELI LILLY & COMPANY. Renewed April 9, 1927, to Eli Lilly and Company, Indianapolis, Ind., a Corporation of Indiana, assignee.

62,043. EVAPORATED AND CONDENSED MILK AND EVAPORATED AND CONDENSED CREAM. Registered April 16, 1907. MOHAWK CONDENSED MILK CO., Rochester, N. Y. Renewed April 16, 1927, to Mohawk Condensed Milk Company, Oconomowoc, Wis., a Corporation of New York.

62,066. DRIED AND EVAPORATED PRUNES. Registered April 16, 1907. H. S. GILB & CO., Salem, Oreg. Renewed April 16, 1927.

62,083. COFFEE. Registered April 16, 1907. THE WOOLSON SPICE COMPANY, Toledo, Ohio, a Corporation of Ohio. Renewed April 16, 1927.

62,141. PAPER BAGS, WRAPPING PAPER, AND PAPERBOARDS. Registered April 23, 1907. THE UNION BAG AND PAPER COMPANY, New York, N. Y. Renewed April 23, 1927, to Sprague, Warner & Company, Chicago, Ill., a Corporation of Illinois, assignee.

62,145. LUBRICATING OILS AND GREASES. Registered April 23, 1907. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio, a Corporation of Ohio. Renewed April 23, 1927.

62,179. PULLING CANDIES. Registered April 23, 1907. THE STERN & SAALBERG COMPANY. Renewed April 23, 1927, to The Sweets Company of America, Incorporated, New York, N. Y., a Corporation of Virginia, assignee.

62,289. CERTAIN MEDICINES. Registered April 30, 1907. EPHRAIM S. WELLS. Renewed April 30, 1927, to William Henry Wells and George Titus Wells, executors and trustees under the will of Ephraim S. Wells, Jersey City, N. J., assignee.

62,434. CERTAIN WATCHMAKERS' HAND TOOLS. Registered May 7, 1907. KENDRICK & DAVIS. Renewed May 7, 1927, to Kendrick and Davis Company, Lebanon, N. H., a Corporation of New Hampshire, assignee.

62,439. KNIT UNION OR COMBINATION UNDERGARMENTS AND SWEATERS. Registered May 7, 1907. STERLING KNIT GOODS CO., Boston, Mass. Renewed May 7, 1927, to Sterling Knit Goods Company, Cambridge, Mass., a Corporation of Massachusetts.

62,502. PORTLAND CEMENT. Registered May 14, 1907. THE ASSOCIATED PORTLAND CEMENT MANUFACTURERS (1900), LIMITED. Renewed May 14, 1927, to The Associated Portland Cement Manufacturers Limited, London, England, a Corporation of Great Britain, assignee.

62,504. DEADENING FELT FOR USE IN THE CONSTRUCTION OF BUILDINGS. Registered May 14, 1907. BARRETT MANUFACTURING COMPANY. Renewed May 14, 1927, to The Barrett Company, New York, N. Y., a Corporation of New Jersey, assignee.

62,505. FELT AND PAPER FOR ROOFING AND COVERING FOR INSULATION AGAINST HEAT AND COLD. Registered May 14, 1907. J. A. & W. BIRD & CO. Renewed May 14, 1927, to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts, assignee.

62,522. EARTHENWARE AND PORCELAIN. Registered May 14, 1907. JOSIAH WEDGWOOD & SONS LTD., Etruria, England, a Corporation of Great Britain. Renewed May 14, 1927.

62,554. COTTON PIECE GOODS AND COTTON BLANKETS. Registered May 14, 1907. JACKSON COMPANY. Renewed May 14, 1927, to Nashua Manufg. Company, Nashua, N. H., a Corporation of New Hampshire, assignee.

62,608. COAL-TAR PITCH. Registered May 14, 1907. BARRETT MANUFACTURING COMPANY. Renewed May 14, 1927, to The Barrett Company, New York, N. Y., a Corporation of New Jersey, assignee.

62,610. BICARBONATE OF SODA. Registered May 14, 1907. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio, a Corporation of Ohio. Renewed May 14, 1927.

62,613. AN ANALGESIC AND ANTIRHEUMATIC. Registered May 14, 1907. FARBENFABRIKEN VORM. FRIEDR. BAYER & CO., Elberfeld, Germany. Renewed May 14, 1927, to Winthrop Chemical Company, Inc., New York, N. Y., a Corporation of New York, assignee.

62,666. FELT ROOFING. Registered May 21, 1907. THE UNION PAPER & TWINE COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed May 21, 1927.

62,669. WHEAT FLOUR. Registered May 21, 1907. WHALEY MILL & ELEVATOR CO., Gainesville, Tex., a Corporation of Texas. Renewed May 21, 1927.

62,737. WHEAT FLOUR. Registered May 21, 1907. WHALEY MILL & ELEVATOR CO., Gainesville, Tex., a Corporation of Texas. Renewed May 21, 1927.

62,778. SOAPS IN POWDERED AND CAKED FORM. Registered May 28, 1907. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Renewed May 28, 1927, to The Great Atlantic & Pacific Tea Company, Jersey City, N. J., a Corporation of New Jersey.

62,779. STOGIES. Registered May 28, 1907. HOWARD HAZLETT, administrator of Augustus Pollack, deceased. Renewed May 28, 1927, to Estate of Augustus Pollack, Inc., Wheeling, W. Va., a Corporation of West Virginia, assignee.

62,783. PAINT. Registered May 28, 1907. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J., a Corporation of New Jersey. Renewed May 28, 1927.

62,784. GRAPHITE. Registered May 28, 1907. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J., a Corporation of New Jersey. Renewed May 28, 1927.

62,822. COFFEE. Registered May 28, 1907. THE WOOLSON SPICE COMPANY, Toledo, Ohio, a Corporation of Ohio. Renewed May 28, 1927.

62,837. STOGIES. Registered May 28, 1907. HOWARD HAZLETT, administrator of Augustus Pollack, deceased. Renewed May 28, 1927, to Estate of Augustus Pollack, Inc., Wheeling, W. Va., a Corporation of West Virginia, assignee.

62,856. ANTIRHEUMATIC AND ANALGESIC. Registered May 28, 1907. FARBENFABRIKEN VORM. FRIEDR. BAYER & Co., Elberfeld, Germany. Renewed May 28, 1927, to Winthrop Chemical Company, Inc., New York, N. Y., a Corporation of New York, assignee.

62,880. STOGIES. Registered May 28, 1907. HOWARD HAZLETT, administrator of Augustus Pollack, deceased. Renewed May 28, 1927, to Estate of Augustus Pollack, Inc., Wheeling, W. Va., a Corporation of West Virginia, assignee.

62,881. STOGIES. Registered May 28, 1907. HOWARD HAZLETT, administrator of Augustus Pollack, deceased. Renewed May 28, 1927, to Estate of Augustus Pollack, Inc., Wheeling, W. Va., a Corporation of West Virginia, assignee.

62,921. MEAT AND SALAD SAUCES AND DRESSINGS. Registered May 28, 1907. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio, a Corporation of Ohio. Renewed May 28, 1927.

62,922. CREAM OF TARTAR. Registered May 28, 1907. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio, a Corporation of Ohio. Renewed May 28, 1927.

62,926. CONDENSED MILK, EVAPORATED MILK, AND BUTTER. Registered May 28, 1907. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Renewed May 28, 1927, to The Great Atlantic & Pacific Tea Company, Jersey City, N. J., a Corporation of New Jersey.

62,927. CANNED VEGETABLES AND SPICES. Registered May 28, 1907. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Renewed May 28, 1927, to The Great Atlantic & Pacific Tea Company, Jersey City, N. J., a Corporation of New Jersey.

62,971. GRAPHITE PAINT AND PIPE "CEMENT". Registered June 4, 1907. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed June 4, 1927.

62,976. STOVE POLISH. Registered June 4, 1907. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J., a Corporation of New Jersey. Renewed June 4, 1927.

62,977. GRAPHITE. Registered June 4, 1907. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J., a Corporation of New Jersey. Renewed June 4, 1927.

62,978. SILVER-LEAD OR PLUMBAGO FOUNDRY FACINGS AND PULVERIZED GRAPHITE. Registered June 4, 1907. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed June 4, 1927.

62,997. PLIERS WITHOUT CUTTING EDGES. Registered June 4, 1907. HAMMEL, RIGLANDER & CO. Renewed June 4, 1927, to Hammel, Riglander & Co. Inc., New York, N. Y., a Corporation of New York, successor.

63,003. DRIVE CHAINS AND CONVEYER CHAINS. Registered June 4, 1907. LINK-BELT COMPANY, Chicago, Ill.; Philadelphia, Pa.; and Indianapolis, Ind. Renewed June 4, 1927, to Link-Belt Company, Chicago, Ill., a Corporation of Illinois.

63,047. COTTON PIECE GOODS. Registered June 4, 1907. JACKSON COMPANY. Renewed June 4, 1927, to Nashua Manufg. Company, Nashua, N. H., a Corporation of New Hampshire, assignee.

63,099. A NEWSPAPER. Registered June 4, 1907. L'OPINIONE ITALIAN PUBLISHING CO., Philadelphia, Pa., a Corporation of New Jersey. Renewed June 4, 1927.

63,119. PENCILS. Registered June 4, 1907. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J., a Corporation of New Jersey. Renewed June 4, 1927.

63,171. COTTON SHEETINGS, SHIRTINGS, AND DRILLS. Registered June 11, 1907. THE HENRIETTA MILLS, Henrietta and Caroleen, N. C. Renewed June 11, 1927, to The Henrietta Mills, Caroleen, N. C., a Corporation of North Carolina.

63,177. TOBACCO, CIGARS, AND CIGARETTES. Registered June 11, 1907. MAISON PIERRE BARDOU-JOB, Perpignan, France. Renewed June 11, 1927, to Societe Job Anciens Etablissements Bardou-Job & Pauilhac, Perpignan and Toulouse, France, a Corporation of France, assignee.

63,181. BOND, LEDGER, LINEN, AND WRITING PAPERS. Registered June 11, 1907. UNION CARD & PAPER CO., New York, N. Y., a Corporation of New York. Renewed June 11, 1927.

63,194. HAIRPINS, COMBS, AND HAIR ORNAMENTS. Registered June 11, 1907. FISHEL, NESSLER & COMPANY. Renewed June 11, 1927, to Fishel Nessler Company, New York, N. Y., a Corporation of New York, successor.

63,219. SOAPS. Registered June 11, 1907. COLGATE & Co., New York, N. Y. Renewed June 11, 1927, to Colgate & Company, Jersey City, N. J., a Corporation of New Jersey, assignee.

63,264. LIQUID AND POWDER PERFUMES AND TOILET WATERS. Registered June 11, 1907. COLGATE & Co., New York, N. Y. Renewed June 11, 1927, to Colgate & Company, Jersey City, N. J., a Corporation of New Jersey, assignee.

63,287. FEVER AND AGUE REMEDIES. Registered June 11, 1907. C. H. & F. L. OSGOOD. Renewed June 11, 1927, to Osgood's India Cholagogue, Incorporated, Norwich, Conn., a Corporation of Connecticut, successor.

63,306. GLUCOSE. Registered June 11, 1907. CORN PRODUCTS REFINING COMPANY, Jersey City, N. J., and New York, N. Y. Renewed June 11, 1927, to Corn Products Refining Company, New York, N. Y., a Corporation of New Jersey.

63,307. GLUCOSE. Registered June 11, 1907. CORN PRODUCTS REFINING COMPANY, Jersey City, N. J., and New York, N. Y. Renewed June 11, 1927, to Corn Products Refining Company, New York, N. Y., a Corporation of New Jersey.

63,310. STOGIES. Registered June 11, 1907. HOWARD HAZLETT, administrator of Augustus Pollack, deceased. Renewed June 11, 1927, to Estate of Augustus Pollack, Inc., Wheeling, W. Va., a Corporation of West Virginia, assignee.

63,311. STOGIES. Registered June 11, 1907. HOWARD HAZLETT, administrator of Augustus Pollack, deceased. Renewed June 11, 1927, to Estate of Augustus Pollack, Inc., Wheeling, W. Va., a Corporation of West Virginia, assignee.

63,341. OIL-BURNING TUBULAR HAND LANTERNS. Registered June 18, 1907. R. E. DIETZ COMPANY, New York, N. Y., a Corporation of New York. Renewed June 18, 1927.

63,350. CERTAIN PAINTERS' MATERIALS. Registered June 18, 1907. STANDARD VARNISH WORKS, New York, N. Y., a Corporation of New York. Renewed June 18, 1927.

63,388. ELECTRICAL INSULATING MATERIALS. Registered June 18, 1907. AMERICAN HARD RUBBER COMPANY, Hempstead and New York, N. Y., a Corporation of New York. Renewed June 18, 1927.

63,389. CERTAIN CUTLERY. Registered June 18, 1907. CATTARAUGUS CUTLERY CO., Little Valley, N. Y., a Corporation of New York. Renewed June 18, 1927.

63,417. BITTERS. Registered June 18, 1907. FOSTER-MILBURN CO., Buffalo, N. Y., a Corporation of New York. Renewed June 18, 1927.

63,423. GLOBES FOR LAMPS AND LANTERNS. Registered June 18, 1907. R. E. DIETZ COMPANY, New York, N. Y., a Corporation of New York. Renewed June 18, 1927.

63,425. NUTRITIVE AND TONIC FOODS FOR POULTRY AND PIGEONS. Registered June 18, 1907. TAYLOR BROS., Camden, N. J. Renewed June 18, 1927.

63,438. CERTAIN MEDICINES. Registered June 18, 1907. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio, a Corporation of Ohio. Renewed June 18, 1927.

63,439. CORNSTARCH. Registered June 18, 1907. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a Corporation of New Jersey. Renewed June 18, 1927.

63,497. COFFEE. Registered June 25, 1907. JOHN BLAUL'S SONS CO., Burlington, Iowa, a Corporation of Iowa. Renewed June 25, 1927.

63,498. LEAD AND CRAYON PENCILS. Registered June 25, 1907. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J., a Corporation of New Jersey. Renewed June 25, 1927.

63,503. DRIVE CHAINS, CONVEYER CHAINS, AND CHAIN CABLES. Registered June 25, 1907. LINK-BELT COMPANY, Chicago, Ill.; Philadelphia, Pa.; and Indianapolis, Ind. Renewed June 25, 1927, to Link-Belt Company, Chicago, Ill., a Corporation of Illinois.

63,506. PORTLAND CEMENT. Registered June 25, 1907. OKLAHOMA PORTLAND CEMENT COMPANY, Ada, Ind. T. Renewed June 25, 1927, to Oklahoma Portland Cement Company, Ada, Okla., a Corporation of Indian Territory.

63,507. OIL-BURNING LAMPS. Registered June 25, 1907. R. E. DIETZ COMPANY, New York, N. Y., a Corporation of New York. Renewed June 25, 1927.

63,511. CANDY. Registered June 25, 1907. A. SLAUSON & Co. Renewed June 25, 1927, to Hawley & Hoops, New York, N. Y., successor.

63,528. LEAD AND CRAYON PENCILS. Registered June 25, 1907. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J., a Corporation of New Jersey. Renewed June 25, 1927.

63,583. AN ANTISEPTIC COMPOUND. Registered June 25, 1907. LOUISA F. PIQUETT. Renewed June 25, 1927, to Mary A. Piquett, Baltimore, Md., successor.

63,587. CERTAIN MEDICINE. Registered June 25, 1907. T. A. SLOCUM CO., New York, N. Y., a Corporation of New York. Renewed June 25, 1927.

63,589. CAUSTIC SODA. Registered June 25, 1907. CHANCE & HUNT LIMITED, Oldbury, England, an Incorporated Company of Great Britain. Renewed June 25, 1927.

63,609. CERTAIN MACHINERY AND PARTS THEREOF. Registered July 2, 1907. LINK-BELT COMPANY, Chicago, Ill.; Philadelphia, Pa.; and Indianapolis, Ind. Renewed July 2, 1927, to Link-Belt Company, Chicago, Ill., a Corporation of Illinois.

63,626. SOAP. Registered July 2, 1907. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed July 2, 1927, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

63,739. PREPARED BEVERAGES MADE FROM MILK AND CREAM. Registered July 2, 1907. ARMEN H. THOUMAIAN, Baltimore, Md. Renewed July 2, 1927.

63,871. WOOD AND SHINGLE STAINS. Registered July 9, 1907. SAMUEL CABOT. Renewed July 9, 1927, to Samuel Cabot, Inc., Boston, Mass., a Corporation of Massachusetts, assignee.

64,022. LEATHER BOOTS AND SHOES. Registered July 16, 1907. THE SELBY SHOE CO., Portsmouth, Ohio, a Corporation of Ohio. Renewed July 16, 1927.

LABELS

REGISTERED MARCH 8, 1927.

31,740.—*Title:* BOAT HOUSE COFFEE 'CINCY'S FAVORITE DRINK.' For Boat House Coffee. THE BOAT HOUSE COFFEE COMPANY, Cincinnati, Ohio. Published December 23, 1926.

31,741.—*Title:* BONDEX RED LINE SOLID ROUND BELTING. For Leather Belting. CHARLES BOND COMPANY, Philadelphia, Pa. Published October 8, 1926.

31,742.—*Title:* EGGS. For Eggs. CROWN CITY CREAMERY Co., Los Angeles and Pasadena, Calif. Published October 15, 1926.

31,743.—*Title:* SEA ISLAND. For Sheets and Pillowcases Made of Textile Fabrics. DEFENDER MFG. COMPANY, INC., Long Island City, N. Y. Published November 25, 1925.

31,744.—*Title:* H F NATURAL HAIR PRESERVER. For Hair Tonic. HARRY FEINSTEIN, Los Angeles, Calif. Published July 8, 1926.

31,745.—*Title:* FERGUSON'S PERFECTO POLISH. For Polish. ERNEST B. FERGUSON, Jackson, Mich. Published August 18, 1926.

31,746.—*Title:* DENTOMINT. For Dentifrice. FOSTER CHEMICAL COMPANY, Los Angeles, Calif. Published March 1, 1926.

31,747.—*Title:* BUBBLING OVER. For Malt Tonic. JAMES FREDERICK, doing business as Rainbow Products Co., Chicago, Ill. Published August 1, 1926.

31,748.—*Title:* W.-M.-S. WET MOTOR STARTER. For a Fluid for Facilitating the Starting of Wet Automobile Motors. LUTHER J. FRYER, Jacksonville, Fla. Published August 28, 1926.

31,749.—*Title:* WARRIOR RIVER CROOKS. For Cigars. AUGUSTUS J. GOLDEN, Baltimore, Md. Published January 17, 1927.

31,750.—*Title:* HY-G. For a Cleaning Fluid for Danger Spots Such as Found in the Drains of Closet Bowls and Urinals. GREAT NORTHERN CHEMICAL COMPANY, San Francisco, Calif. Published October 1, 1926.

31,751.—*Title:* PLASTOY—PLAY TIME CLAY. For Modeling Clay. ILLINOIS CLAY PRODUCTS COMPANY, Joliet, Ill. Published September 25, 1926.

31,752.—*Title:* THE HEALTH SPREAD EAT LIKIT YEAST EVERY DAY. For Cheese-Yeast Cakes. JOHN L. KELLOGG, doing business as Likit Yeast Co., Chicago, Ill. Published December 10, 1926.

31,753.—*Title:* MONTICELLO DAIRY. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Monticello Dairy Co., Charlottesville, Va. Published December 24, 1926.

31,754.—*Title:* WILBERT. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published February 14, 1927.

31,755.—*Title:* STERN AND TANNENBAUM. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published November 20, 1925.

31,756.—*Title:* EZE-DISPLAY. For Folding Display BOXES USED IN THE DISPLAY OF GOODS. MISSOURI PAPER PRODUCTS COMPANY, St. Joseph, Mo. Published November 20, 1925.

31,757.—*Title:* FANCY QUODDY BRAND BONED HERRING. For Canned Boned Herring. WALTER B. MOWRY, Lubec, Me. Published October 1, 1926.

31,758.—*Title:* NATIONAL BRAND TRUE FRUIT EXTRACT RASPBERRY. For True Fruit Extract of Raspberry. NATIONAL TEA CO., Chicago, Ill. Published September 30, 1926.

31,759.—*Title:* NATIONAL BRAND REDUCED CIDER VINEGAR. For Vinegar. NATIONAL TEA CO., Chicago, Ill. Published September 30, 1926.

31,760.—*Title:* NATIONAL BRAND DISTILLED WHITE VINEGAR REDUCED. For Vinegar. NATIONAL TEA CO., Chicago, Ill. Published September 30, 1926.

31,761.—*Title:* NATIONAL BRAND HIGHEST GRADE FULL STRENGTH EXTRACT LEMON. For Extract of Lemon. NATIONAL TEA CO., Chicago, Ill. Published September 30, 1926.

31,762.—*Title:* NATIONAL BRAND HIGHEST GRADE FULL STRENGTH EXTRACT ROSE. For Extract of Rose. NATIONAL TEA CO., Chicago, Ill. Published September 30, 1926.

31,763.—*Title:* NATIONAL BRAND HIGHEST GRADE FULL STRENGTH EXTRACT ORANGE. For Extract of Orange. NATIONAL TEA CO., Chicago, Ill. Published September 30, 1926.

31,764.—*Title:* NATIONAL BRAND HIGHEST GRADE FULL STRENGTH EXTRACT TRUE FRUIT STRAWBERRY. For Extract of True Fruit Strawberry. NATIONAL TEA CO., Chicago, Ill. Published September 30, 1926.

31,765.—*Title:* NATIONAL'S BEST BRAND SELECTED QUEEN OLIVES. For Olives. NATIONAL TEA CO., Chicago, Ill. Published September 30, 1926.

31,766.—*Title:* U. S. CLUB HOUSE. For Cigars. PENNSYLVANIA CIGAR CORPORATION, New York, N. Y. Published January 25, 1927.

31,767.—*Title:* W. P. G. For Cigars. LOUIS ROSENFELT, Philadelphia, Pa., Published January 15, 1927.

31,768.—*Title:* SANTRO SANITARY TEETHING RING. For Teething Rings. JULIUS SCHMID, INC., New York, N. Y. Published August 10, 1926.

31,769.—*Title:* INNER HARBOR. For Tablets of Writing Paper. SCHMIDTMAN COMPANY, Manitowoc, Wis. Published August 1, 1926.

31,770.—*Title:* THE WALDORF. For Paper Towels. SCOTT PAPER COMPANY, Chester, Pa. Published December 20, 1926.

31,771.—*Title:* BUILDOBLOX JUNIOR SET. For an Instructive Game. STROMBECK-BECKER MFG. CO., Moline, Ill. Published December 30, 1926.

31,772.—*Title:* MINT-CREAM MAGNESIA. For Magnesia. TOWNS & JAMES, Brooklyn, N. Y. Published November 18, 1926.

PRINTS

REGISTERED MARCH 8, 1927.

9,587.—*Title:* THE MEN WHO SEEK FASHIONABLE DISTINCTION IN DRESS WILL WEAR WING COLLARS THIS FALL. For Arrow Collars. CLUETT, PEABODY & CO., Troy, N. Y. Published December 6, 1926.

9,588.—*Title:* REFRESH YOURSELF. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 18, 1927.

9,589.—*Title:* SO REFRESHING. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 18, 1927.

9,590.—*Title:* BE SOCIABLE—DRINK WITH ME. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 25, 1927.

9,591.—*Title:* COMET RICE. For Uncoated White Rice. COMET RICE CO., Galveston, Tex., and New York, N. Y. Published November 6, 1926.

9,592.—*Title:* CHILDREN DULL AFTER WRONG BREAKFAST. SCHOOLS NOW FIND. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published January 25, 1927.

9,593.—*Title:* A NEW ENLIVENING INTEREST FOR YOUR HEALTH PROGRAM. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 1, 1927.

9,594.—*Title:* THE VALUE OF STARCHY FOODS FOR ARTIFICIALLY FED BABIES. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 1, 1927.

9,595.—*Title:* DOZENS OF DIFFERENT WAYS TO USE IT FOR CONVALESCENTS. For Wheat Breakfast FOOD. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 1, 1927.

9,596.—*Title:* FLASHLIGHT. For Coal. LOUIS DES COGNETS & COMPANY, Lexington, Ky. Published January 28, 1927.

9,597.—*Title:* SUNFIRE. For Coal. LOUIS DES COGNETS & COMPANY, Lexington, Ky. Published January 30, 1927.

9,598.—*Title:* FOR DESSERT MY-T-FINE. For Dessert Preparations. THE D & C CO. INC., Wilmington, Del., and Brooklyn, N. Y. Published January 9, 1927.

9,599.—*Title:* FOR DESSERT MY-T-FINE. For Dessert Preparations. THE D & C CO. INC., Wilmington, Del., and Brooklyn, N. Y. Published January 2, 1927.

9,600.—*Title:* THE CHOICE OF THE NATION. For Tomato Catchup. H. J. HEINZ COMPANY, Pittsburgh, Pa. Published January 29, 1927.

9,601.—*Title:* THE WORLD'S GREATEST ILLUMINATIONS AND THE WORLD'S GREATEST HEADLIGHT. For Automobile Lamps. INDIANA LAMP CORPORATION, Connersville, Ind. Published November 27, 1926.

9,602.—*Title:* OLD DUTCH MALT SYRUP. For Malt Syrup. A. E. KEHLER, doing business as Kehweli Warehousing Co., Shamokin, Pa. Published June 8, 1926.

9,603.—*Title:* STANDARD ANNOUNCES SILVERTONE BULK-I-MAILER. For Envelopes. THE STANDARD ENVELOPE MANUFACTURING COMPANY, Cleveland, Ohio. Published January 10, 1927.

9,604.—*Title:* GREATER CHICAGO. For Houses. STATE BANK OF CHICAGO, acting as trustee for Arthur T. McIntosh & Co., Chicago, Ill. Published July 27, 1926.

9,605.—*Title:* GREATER CHICAGO ACRES. For Houses. STATE BANK OF CHICAGO, acting as trustee for Arthur T. McIntosh & Co., Chicago, Ill. Published July 27, 1926.

9,606.—*Title:* KINGSLEY FABRICS. For Woolen Piece Goods. S. STEIN & Co., New York, N. Y. Published January 24, 1927.

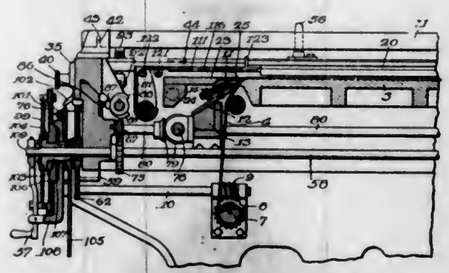
9,607.—*Title:* WEDNESDAY ONLY. For Grocery and Foods. THOMAS D. TAYLOR, Philadelphia, Pa. Published January 26, 1927.

9,608.—*Title:* MONDAY ONLY. For Grocery and Foods. THOMAS D. TAYLOR, Philadelphia, PA. Published January 20, 1927.

REISSUES

MARCH 8, 1927.

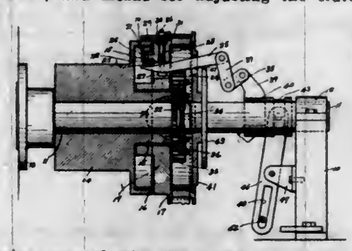
16,567. MACHINE FOR MAKING OFFSET PRESS PLATES. ALEXANDER T. KOPPE, Chicago, Ill., assignor, by mesne assignments, to Directoplate Corporation, a Corporation of Illinois. Filed Sept. 25, 1926. Serial No. 137,787. Original No. 1,510,007, dated Sept. 30, 1924, Serial No. 572,054, filed June 30, 1922. 69 Claims. (Cl. 95—76.)



1. The combination with the bed plate of a machine for photographically preparing offset press plates, of a resilient blanket carried by said bed plate, and means operable for stretching the blanket whereby the degree of stretch thereof may be varied.

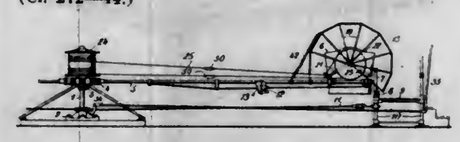
16,568. CLUTCH. PETER GUSTAF LEONARD, Tulsa, Okla., assignor to Bovaird and Seyfang Manufacturing Company, Bradford, Pa., a Corporation of Pennsylvania. Filed Aug. 21, 1926. Serial No. 130,741. Original No. 1,530,271, dated Mar. 17, 1925, Serial No. 567,727, filed June 12, 1922. 8 Claims. (Cl. 74—34.)

7. In a reversing clutch, the combination of a shaft; a spreader journaled on the shaft; a pinion connection on the spreader; a driving gear fixed on the shaft; a driven gear journaled on the shaft, said driving gear being in driving relation with the driven gear through the pinion connection; a clutch mounted on the spreader locking the spreader with the driven gear; a brake locking the spreader; and means for adjusting the clutch, said



means being exposed with the clutch assembled and operable with the shaft in operation and while the clutch is released.

16,569. AMUSEMENT RIDE. HYLA F. MAYNES, North Tonawanda, N. Y., assignor, by direct and mesne assignments, to Maynes Corporation, Dover, Del., a Corporation of Delaware. Filed Dec. 18, 1926. Serial No. 155,731. Original No. 1,501,613, dated July 15, 1924, Serial No. 607,522, filed Dec. 18, 1922. 28 Claims. (Cl. 272—44.)



1. In an amusement ride having a traveling passenger car or train, the combination with the car or train of a canopy adapted to be moved into concealing position between the car or train and spectators, means for moving the canopy during the ride into concealing position, and means for connecting the moving car or train with the canopy moving means.

DESIGNS

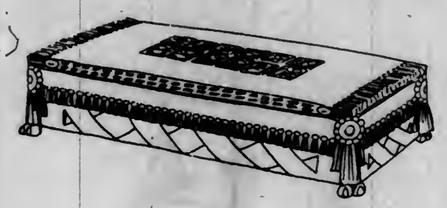
MARCH 8, 1927.

72,125. BEAM-LIGHT FIXTURE. SALLY AIRO, Detroit, Mich., assignor to Lincoln Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed June 14, 1926. Serial No. 18,030. Term of patent 7 years.



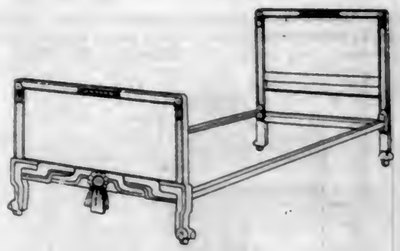
The ornamental design for a beam light fixture, as shown.

72,126. SEAT. MARY ANTHOBUS, London, England. Filed Dec. 28, 1926, Serial No. 20,117, and in Great Britain Dec. 4, 1926. Term of patent 3½ years.



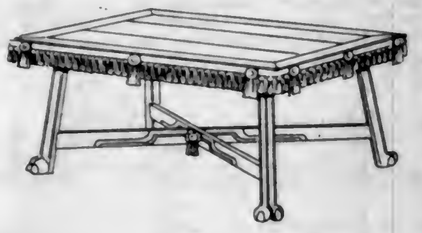
The ornamental design for a seat as shown.

72,127. BEDSTEAD. MARY ANTROBUS, London, England. Filed Dec. 23, 1926. Serial No. 20,118, and in Great Britain Dec. 4, 1926. Term of patent 3½ years.



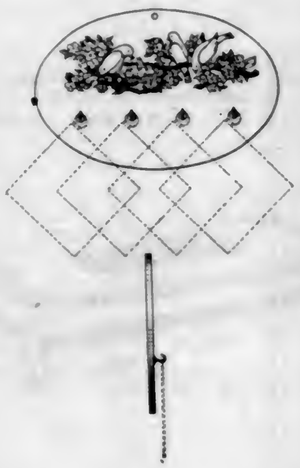
The ornamental design for a bedstead as shown.

72,128. TABLE. MARY ANTROBUS, London, England. Filed Dec. 23, 1926, Serial No. 20,119, and in Great Britain, Dec. 4, 1926. Term of patent 3½ years.



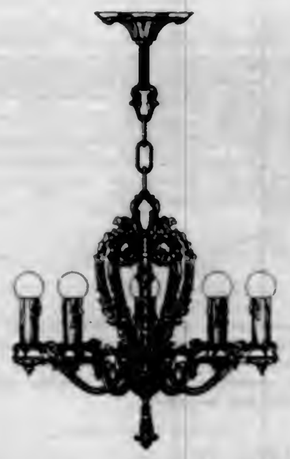
The ornamental design for a table as shown.

72,129. POT-HOLDER RACK. FLORENCE ARNETT and LETITIA WELSPIEL, San Francisco, Calif. Filed Nov. 29, 1926. Serial No. 19,879. Term of patent 7 years.



The ornamental design for a pot holder rack as shown.

72,130. ELECTRIC DROPLIGHT FIXTURE. ROBERT SAYER ASPINWALL, Detroit, Mich., assignor to Lincoln Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 13, 1926. Serial No. 19,049. Term of patent 7 years.





The ornamental design for an electric droplight fixture, as shown.

72,131. ELECTRIC DROPLIGHT FIXTURE. ROBERT SAYER ASPINWALL, Detroit, Mich., assignor to Lincoln Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 13, 1926. Serial No. 19,050. Term of patent 7 years.



The ornamental design for an electric droplight fixture, as shown.

72,132. LAMP. OSCAR B. BACH, New York, N. Y. Filed Nov. 3, 1926. Serial No. 19,590. Term of patent 3½ years.



The ornamental design for a lamp, as shown.

72,133. CANDLESTICK. OSCAR B. BACH, New York, N. Y. Filed Nov. 3, 1926. Serial No. 19,591. Term of patent 3½ years.



The ornamental design for a candlestick, as shown.

72,134. CANDLESTICK. OSCAR B. BACH, New York, N. Y. Filed Nov. 3, 1926. Serial No. 19,592. Term of patent 3½ years.



The ornamental design for a candlestick, as shown.

72,135. TABLE. OSCAR B. BACH, New York, N. Y. Filed Nov. 3, 1926. Serial No. 19,593. Term of patent 3½ years.



The ornamental design for a table, as shown.

72,136. TORCHÈRE. OSCAR B. BACH, New York, N. Y. Filed Nov. 3, 1926. Serial No. 19,594. Term of patent 3½ years.



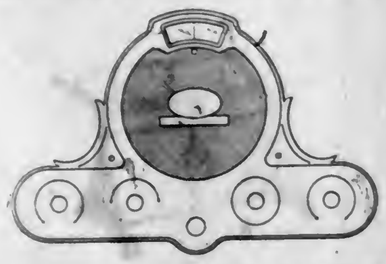
The ornamental design for a torchère, as shown.

72,137. CHAIR. OSCAR B. BACH, New York, N. Y. Filed Nov. 3, 1926. Serial No. 19,595. Term of patent 3½ years.



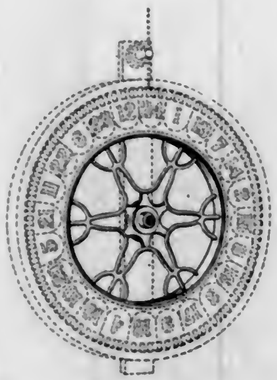
The ornamental design for a chair, as shown.

72,138. ESCUTCHEON PLATE FOR RADIORECEIVERS. STUART BALLANTINE, White Haven, Pa., assignor to Electrical Research Laboratories, Inc., Chicago, Ill., a Corporation of Delaware. Filed Aug. 19, 1926. Serial No. 18,779. Term of patent 3½ years.



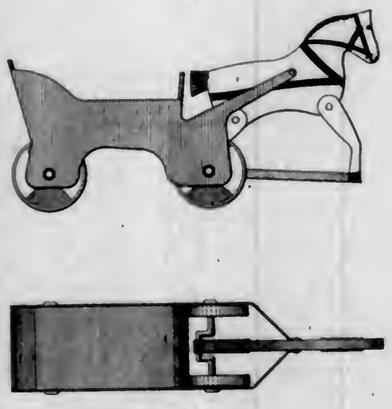
The ornamental design for an escutcheon plate for radioreceivers, as shown.

72,139. GAME-WHEEL SPIDER. FRANK BEIDELSTEIN, Milwaukee, Wis. Filed Sept. 29, 1925. Serial No. 14,941. Term of patent 3½ years.



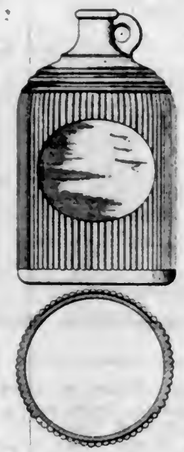
The ornamental design for a game wheel spider substantially as shown.

72,140. SINGLE HORSE AND CART TOY. WILLIAM D. BLUDWORTH, Sacramento, Calif. Filed Jan. 2, 1926. Serial No. 15,935. Term of patent 3½ years.



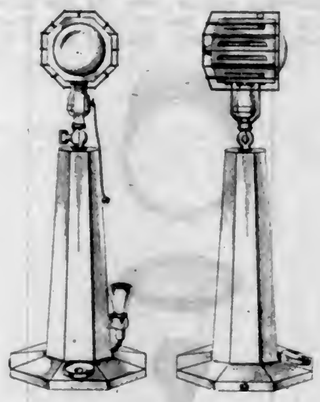
The ornamental design for a single horse and cart toy.

72,141. JUG. JOHN S. BOSWELL, Fort Worth, Tex., assignor to Jersey-Creme Company, Fort Worth, Tex. Filed Oct. 23, 1926. Serial No. 19,461. Term of patent 14 years.



The ornamental design for a jug, as shown.

72,142. DESK LAMP. CHARLES T. BRADY, Detroit, Mich. Filed Nov. 11, 1926. Serial No. 19,669. Term of patent 14 years.



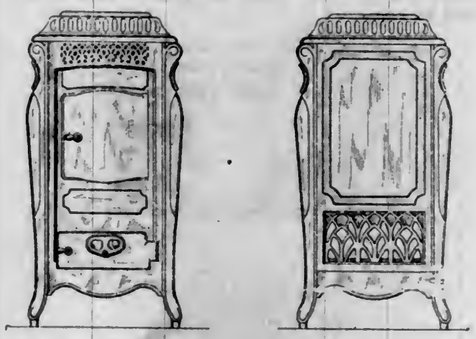
The ornamental design for a desk lamp, as shown.

72,143. STOCKING. ROBERT BREYER, Milwaukee, Wis., assignor to Phoenix Hosiery Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 3, 1927. Serial No. 20,266. Term of patent 14 years.



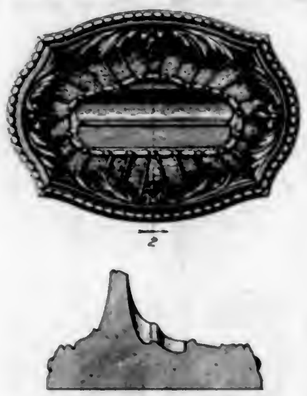
The ornamental design for a stocking as shown and described.

72,144. HEATER. TIMOTHY P. CASTLE, Quincy, Ill., assignor to Comstock-Castle Stove Company, Quincy, Ill., a Corporation of Illinois. Filed Oct. 16, 1926. Serial No. 19,389. Term of patent 14 years.



The ornamental design for a heater, as shown.

72,145. BASE FOR A LOUD SPEAKER. RICHARD T. DAVIS, Chicago, Ill. Filed Oct. 7, 1926. Serial No. 19,272. Term of patent 3½ years.



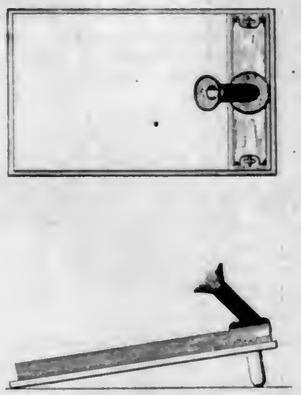
The ornamental design for a base for a loud speaker as shown.

72,146. BELT BUCKLE. ROBERT FRIEDRICH EICHNER, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed Dec. 30, 1926. Serial No. 20,236. Term of patent 3½ years.



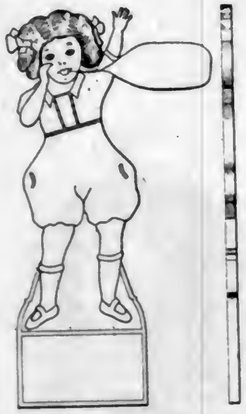
The ornamental design for a belt buckle, as shown.

72,147. DESK SET. MARX FINSTONE, New York, N. Y. Filed Oct. 23, 1926. Serial No. 19,454. Term of patent 14 years.



The ornamental design for a desk set, as shown.

72,148. ADVERTISING SIGN. SAMUEL AGUSTUS GILL, Nevada, Iowa. Filed Jan. 22, 1926. Serial No. 16,215. Term of patent 3½ years.



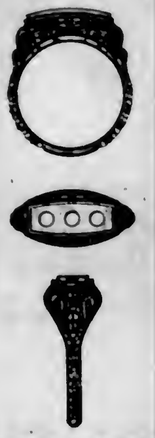
The ornamental design for an advertising sign, as shown.

72,149. BOOK END. PORTER M. GRIFFITH, San Francisco, Calif., assignor to Gruenhagen's, San Francisco, Calif., a Corporation of California. Filed Oct. 7, 1925. Serial No. 15,052. Term of patent 3½ years.



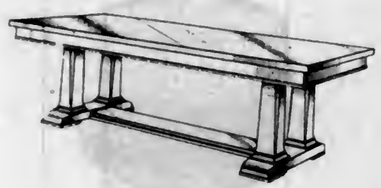
The ornamental design for a book end, as shown.

72,150. FINGER RING. SAMUEL GROSSMAN, New York, N. Y., assignor to David Klebanoff and Samuel Grossman, Copartners, trading under the firm name of Klebanoff and Grossman, New York, N. Y. Filed Jan. 3, 1927. Serial No. 20,263. Term of patent 3½ years.



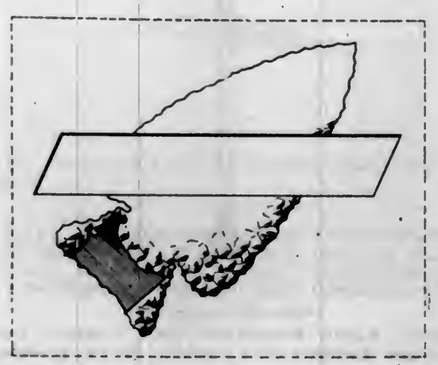
The ornamental design for a finger ring as shown.

72,151. TABLE. HENRY L. GUTH, Allentown, Pa. Filed Dec. 9, 1926. Serial No. 19,999. Term of patent 14 years.



The ornamental design for a table as shown.

72,152. DECALCOMANIA TRANSFER SHEET. JOHN O. HARTZ, Duluth, Minn. Filed June 11, 1926. Serial No. 18,008. Term of patent 3½ years.



The ornamental design for a decalcomania transfer sheet, as shown.

72,153. CHRISTMAS-CLUB SAVING STAMP. JOHN J. HICKEY, Brooklyn, N. Y. Filed June 21, 1924. Serial No. 9,941. Term of patent 14 years.



The ornamental design for a Christmas club saving stamp, as shown.

72,154. LICENSE PLATE. WILLIAM M. JOHNSON, Pomona, Calif., assignor of one-half to Fred E. Brown, Pomona, Calif. Filed July 21, 1926. Serial No. 18,440. Term of patent 3½ years.



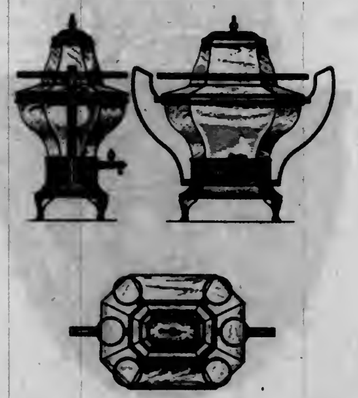
The ornamental design for a license plate, as shown.

72,155. LIGHTING FIXTURE. HARRY E. KADEN, Cleveland, Ohio, assignor to The Art Specialty Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 19, 1926. Serial No. 19,776. Term of patent 3½ years.



The ornamental design for a lighting fixture as shown.

72,156. BEVERAGE URN OR SIMILAR ARTICLE. SAMUEL KURILOFF, New York, N. Y., assignor to Lehman Brothers Silverware Corporation, New York, N. Y., a Corporation of New York. Filed Dec. 21, 1926. Serial No. 20,105. Term of patent 3½ years.



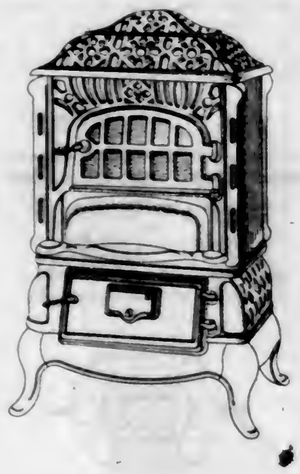
The ornamental design for a beverage urn or similar article, as shown.

72,157. SHIRT. JACK H. LAMBERTON, Santa Monica, Calif. Filed May 14, 1926. Serial No. 17,724. Term of patent 3½ years.



The ornamental design for a shirt, as shown and described.

72,158. STOVE. MAX R. LEHMAN, Belleville, Ill., assignor to Orbon Stove Co., Belleville, Ill., a Corporation of Delaware. Filed Jan. 7, 1925. Serial No. 11,957. Term of patent 7 years.



The ornamental design for a stove as shown.

72,159. BIRDCAGE. OSCAR LINDEMANN, Tompkinsville, N. Y. Filed Dec. 28, 1925. Serial No. 15,876. Term of patent 7 years.



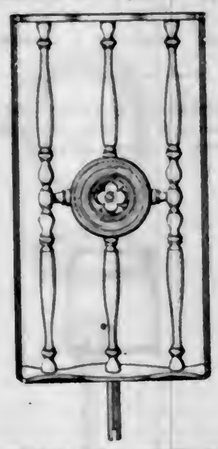
The ornamental design for a birdcage as shown.

72,160. LAMP-POST. HAROLD M. LLOYD, Los Angeles, Calif. Filed Nov. 2, 1926. Serial No. 19,572. Term of patent 3½ years.



The ornamental design for a lamp post, as shown.

72,161. RADIO RECEIVING LOOP. ARTHUR LONGWORTH, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Oct. 23, 1926. Serial No. 19,450. Term of patent 3½ years.



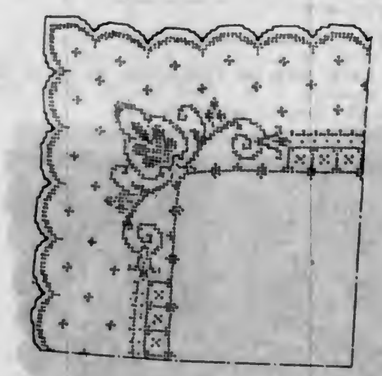
The ornamental design for a radio receiving loop as shown.

72,162. GOBLET. VIRGIL V. LOOMIS, Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 20, 1926. Serial No. 19,128. Term of patent 14 years.



The ornamental design for a goblet, substantially as shown.

72,163. EMBROIDERED CLOTH BRIDGE-TABLE COVER OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,184. Term of patent 3½ years.



The ornamental design for an embroidered cloth bridge table cover or the like, substantially as shown and described.

72,164. LACE TABLE COVER OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,187. Term of patent 7 years.



The ornamental design for a lace table cover or the like, substantially as shown and described.

72,165. LACE TABLE COVER OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,188. Term of patent 7 years.



The ornamental design for a lace table cover or the like substantially as shown and described.

72,166. LACE TABLE COVER OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,189. Term of patent 3½ years.



The ornamental design for a lace table cover or the like substantially as shown and described.

72,167. LACE TRAY COVER OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,192. Term of patent 3½ years.



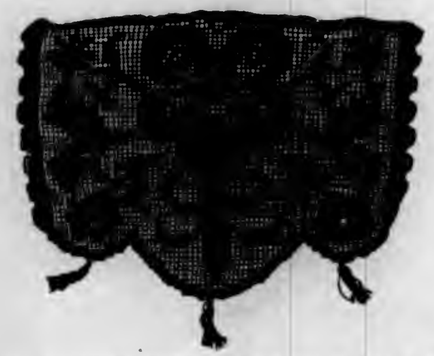
The ornamental design for a lace tray cover or the like substantially as shown.

72,168. LACE SCARF OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,193. Term of patent 3½ years.



The ornamental design for a lace scarf or the like substantially as shown and described.

72,169. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,199. Term of patent 3½ years.



The ornamental design for a lace mat or the like substantially as shown.

72,170. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,200. Term of patent 3½ years.



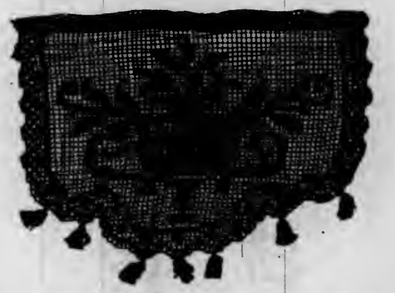
The ornamental design for a lace mat or the like substantially as shown.

72,171. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,201. Term of patent 3½ years.



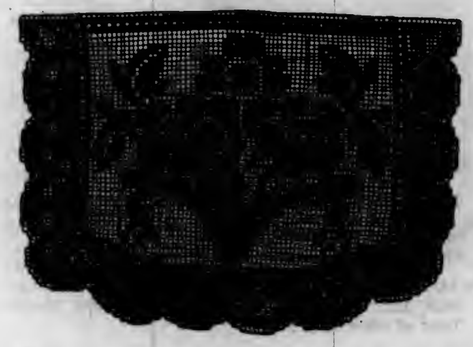
The ornamental design for a lace mat or the like substantially as shown.

72,172. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,202. Term of patent 3½ years.



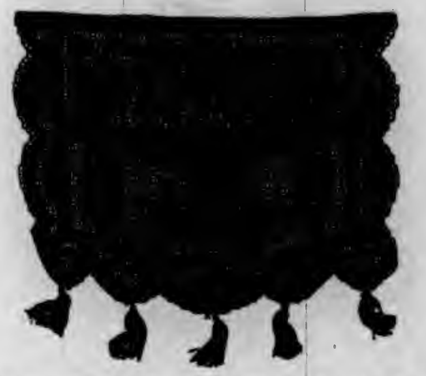
The ornamental design for a lace mat or the like substantially as shown.

72,173. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,203. Term of patent 3½ years.



The ornamental design for a lace mat or the like substantially as shown.

72,174. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,204. Term of patent 3½ years.



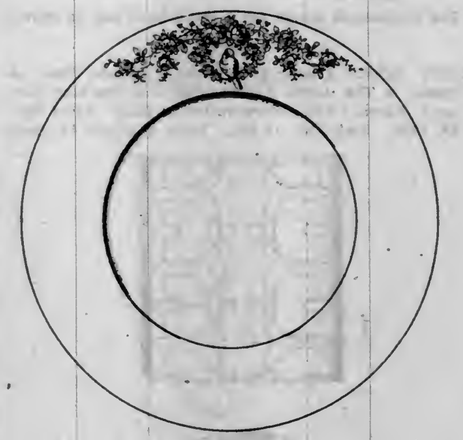
The ornamental design for a lace mat or the like substantially as shown.

72,175. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,205. Term of patent 3½ years.



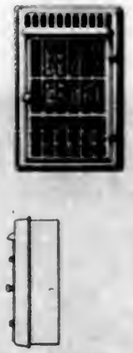
The ornamental design for a lace mat or the like substantially as shown.

72,176. PLATE OR SIMILAR ARTICLE. FRANZ MARKERT, Lindenruh-Glogau, Germany, assignor to Mount Clemens Pottery Company, Mount Clemens, Mich., a Corporation of Michigan. Filed Jan. 7, 1926. Serial No. 15,991. Term of patent 3½ years.



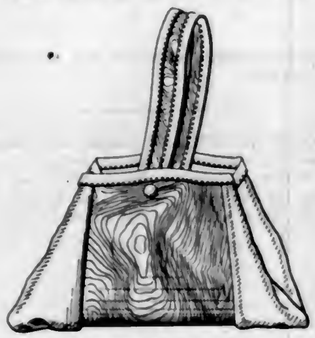
The ornamental design for a plate or similar article as shown.

72,177. HEATER. JOHN E. MCMINN, Louisville, Ky., assignor to Peerless Manufacturing Company, Louisville, Ky., a Corporation of Delaware. Filed Sept. 11, 1924. Serial No. 10,756. Term of patent 3½ years.



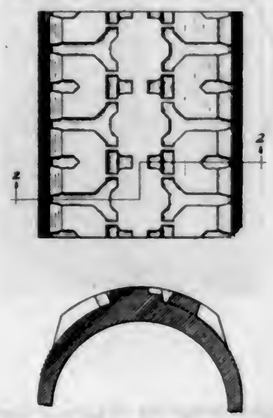
The ornamental design for a heater, as shown.

72,178. SMALL HAND BAG. JOHN A. METHOT, Worcester, Mass., assignor to Benjamin Josephs and Julius H. Corash, both of Worcester, Mass. Filed Oct. 25, 1926. Serial No. 19,475. Term of patent 3½ years.



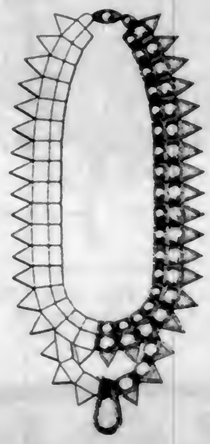
The ornamental design for a small hand bag as shown.

72,179. TIRE. ALBERT S. MICHELSON, Akron, Ohio, assignor to The Akron Rubber Mold and Machine Company, Akron, Ohio, a Corporation of Ohio. Filed Sept. 28, 1926. Serial No. 19,192. Term of patent 14 years.



The ornamental design for a tire as shown.

72,180. NECKLACE OR SIMILAR ARTICLE. JANE R. MILLER, Los Angeles, Calif. Filed Nov. 10, 1926. Serial No. 19,665. Term of patent 3½ years.



The ornamental design for a necklace or similar article as shown and described.

72,181. SOUND AMPLIFIER LEONARD D. MORRIS, Chicago, Ill. Filed Nov. 22, 1926. Serial No. 19,813. Term of patent 3½ years.



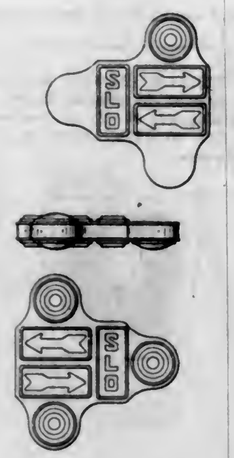
The ornamental design for a sound amplifier as shown.

72,182. AUTOMOBILE RADIATOR CAP ORNAMENT. CARL C. MOSE, Chicago, Ill., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed Oct. 7, 1926. Serial No. 19,269. Term of patent 14 years.



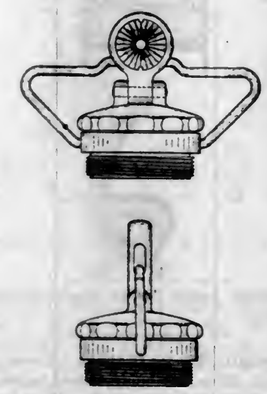
The ornamental design for an automobile radiator cap ornament as shown.

72,183. VEHICLE SIGNAL. NELS H. NELSON, Minneapolis, Minn. Filed Nov. 1, 1926. Serial No. 19,559. Term of patent 14 years.



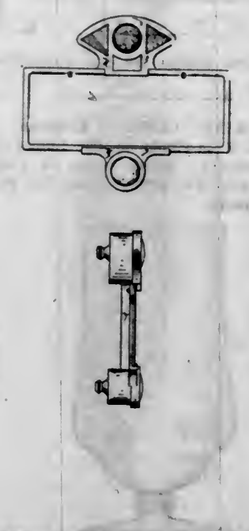
The ornamental design for a vehicle signal, as shown.

72,184. RADIATOR CAP. EDWARD B. NOWOSIELSKI, Bloomfield, N. J., assignor to Splitdorf Electrical Company, Newark, N. J., a Corporation of New Jersey. Filed Feb. 11, 1926. Serial No. 16,484. Term of patent 7 years.



The ornamental design for a radiator cap, substantially as shown.

72,185. SIGNAL LIGHT FOR AUTOMOBILES. OTTO E. UHLMANN, Grand Rapids, Mich. Filed Oct. 13, 1926. Serial No. 19,322. Term of patent 3½ years.



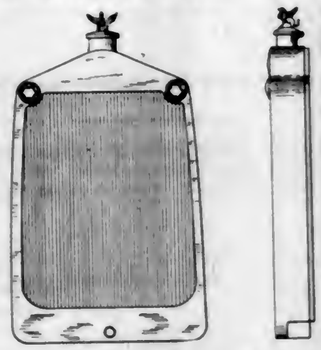
The ornamental design for a signal light for automobiles, as shown and described.

72,186. ELECTRICAL HEATING APPLIANCE. ARNOLD PFAU, Jr., Milwaukee, Wis. Filed Jan. 10, 1927. Serial No. 20,323. Term of patent 7 years.



The ornamental design for an electrical heating appliance, as shown.

72,187. AUTOMOBILE RADIATOR. THOMAS F. RAINSFORD, Detroit, Mich., assignor of one-fourth to Thomas C. Whitehead, River Rouge, Mich. Filed Dec. 17, 1925. Serial No. 15,775. Term of patent 14 years.



The ornamental design for an automobile radiator, as shown.

72,188. DRINKING GLASS. RICHARD I. RATNER, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 24, 1926. Serial No. 19,833. Term of patent 7 years.



The ornamental design for a drinking glass, as shown.

72,189. GOBLET. RICHARD I. RATNER, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 24, 1926. Serial No. 19,834. Term of patent 7 years.



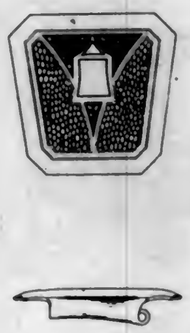
The ornamental design for a goblet, as shown.

72,190. SHERBET GLASS. RICHARD I. RATNER, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 24, 1926. Serial No. 19,835. Term of patent 7 years.



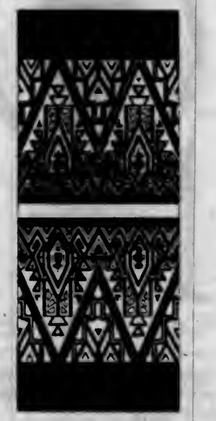
The ornamental design for a sherbet glass, as shown.

72,191. BELT BUCKLE. LOWELL W. SHIELDS, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed Dec. 30, 1926. Serial No. 20,237. Term of patent 3½ years.



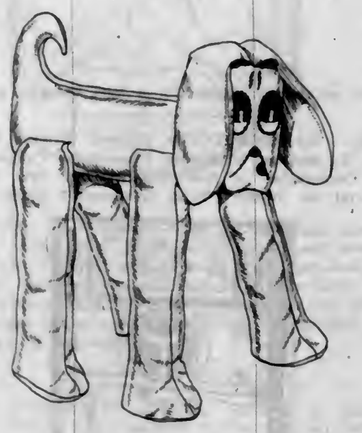
The ornamental design for a belt buckle, as shown.

72,192. TEXTILE FABRIC OR THE LIKE. HARRY SILBERMAN, New York, N. Y. Filed Dec. 21, 1926. Serial No. 20,106. Term of patent 3½ years.



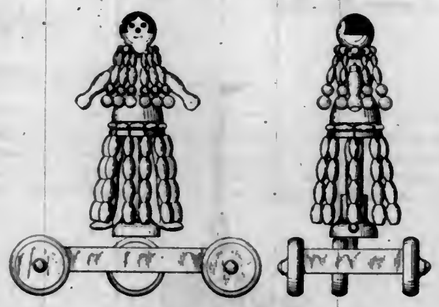
The ornamental design for a textile fabric or the like, as shown.

72,193. TOY DOG. MARION R. SMITH, Portland, Oreg. Filed May 10, 1926. Serial No. 17,628. Term of patent 3½ years.



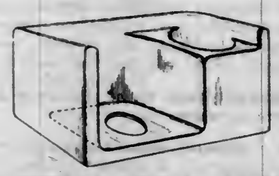
The ornamental design for a toy dog as shown.

72,194. FIGURE WHEELED TOY. ABRAHAM M. SMOLENS, Brooklyn, N. Y. Filed Nov. 27, 1926. Serial No. 19,860. Term of patent 7 years.



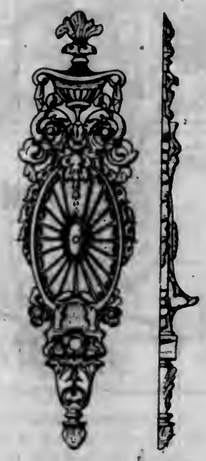
The ornamental design for a figure wheeled toy, as shown.

72,195. COMBINED NICHE SEAT AND LAVATORY. MICHAEL J. TRACY, St. Louis, Mo., assignor to Pauly Jail Building Company, St. Louis, Mo., a Corporation of Missouri. Filed Feb. 1, 1926. Serial No. 16,355. Term of patent 7 years.



The ornamental design for a combined niche seat and lavatory as shown.

72,196. LIGHTING-FIXTURE WALL PLATE. FRANK H. TRIMBLE, Lankershim, Calif. Filed Aug. 30, 1926. Serial No. 18,900. Term of patent 3½ years.



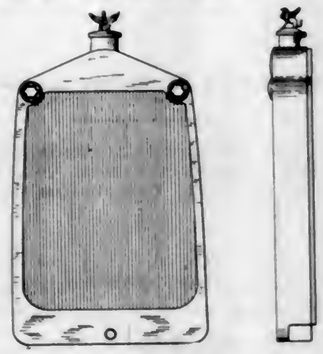
The ornamental design for a lighting fixture wall plate as shown.

72,186. ELECTRICAL HEATING APPLIANCE. ARNOLD PFAU, Jr., Milwaukee, Wis. Filed Jan. 10, 1927. Serial No. 20,323. Term of patent 7 years.



The ornamental design for an electrical heating appliance, as shown.

72,187. AUTOMOBILE RADIATOR. THOMAS F. RAINSFORD, Detroit, Mich., assignor of one-fourth to Thomas C. Whitehead, River Rouge, Mich. Filed Dec. 17, 1925. Serial No. 15,775. Term of patent 14 years.



The ornamental design for an automobile radiator, as shown.

72,188. DRINKING GLASS. RICHARD I. RATNER, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 24, 1926. Serial No. 19,833. Term of patent 7 years.



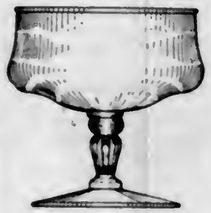
The ornamental design for a drinking glass, as shown.

72,189. GOBLET. RICHARD I. RATNER, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 24, 1926. Serial No. 19,834. Term of patent 7 years.



The ornamental design for a goblet, as shown.

72,190. SHERBET GLASS. RICHARD I. RATNER, New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 24, 1926. Serial No. 19,835. Term of patent 7 years.



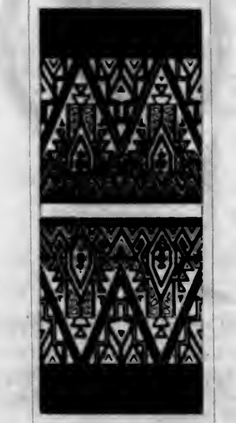
The ornamental design for a sherbet glass, as shown.

72,191. BELT BUCKLE. LOWELL W. SHIELDS, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed Dec. 30, 1926. Serial No. 20,237. Term of patent 3½ years.



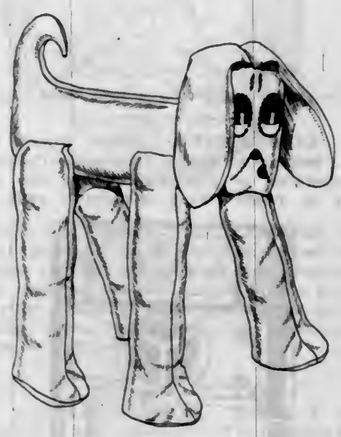
The ornamental design for a belt buckle, as shown.

72,192. TEXTILE FABRIC OR THE LIKE. HARRY SILBERMAN, New York, N. Y. Filed Dec. 21, 1926. Serial No. 20,106. Term of patent 3½ years.



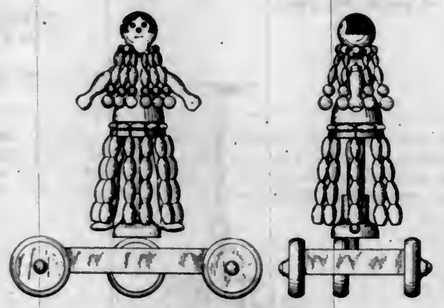
The ornamental design for a textile fabric or the like, as shown.

72,193. TOY DOG. MARION R. SMITH, Portland, Oreg. Filed May 10, 1926. Serial No. 17,628. Term of patent 3½ years.



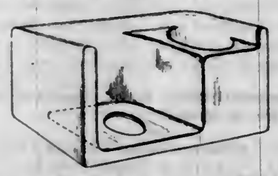
The ornamental design for a toy dog as shown.

72,194. FIGURE WHEELED TOY. ABRAHAM M. SMOLENS, Brooklyn, N. Y. Filed Nov. 27, 1926. Serial No. 19,860. Term of patent 7 years.



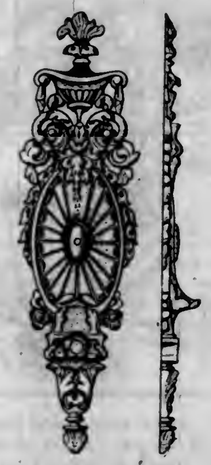
The ornamental design for a figure wheeled toy, as shown.

72,195. COMBINED NICHE SEAT AND LAVATORY. MICHAEL J. TRACY, St. Louis, Mo., assignor to Pauly Jail Building Company, St. Louis, Mo., a Corporation of Missouri. Filed Feb. 1, 1926. Serial No. 16,355. Term of patent 7 years.



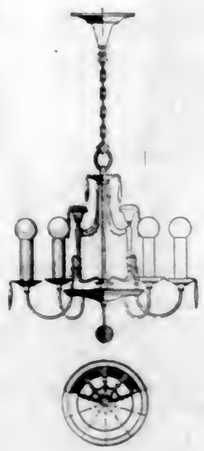
The ornamental design for a combined niche seat and lavatory as shown.

72,196. LIGHTING-FIXTURE WALL PLATE. FRANK H. TRIMBLE, Lankershim, Calif. Filed Aug. 30, 1926. Serial No. 18,900. Term of patent 3½ years.



The ornamental design for a lighting fixture wall plate as shown.

72,197. CHANDELIER OR ARTICLE OF SIMILAR NATURE. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Filed Dec. 27, 1926. Serial No. 20,166. Term of patent 3½ years.



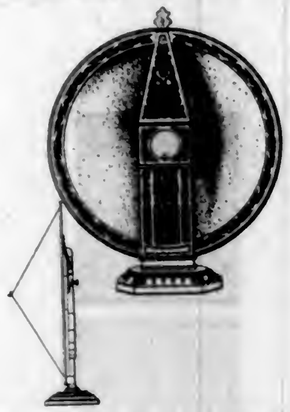
The ornamental design for a chandelier or article of similar nature as shown.

72,198. CARPET. IGNATIUS J. VETTER, New York, N. Y., assignor to Bigelow Hartford Carpet Company, a Corporation of Massachusetts. Filed May 10, 1926. Serial No. 17,622. Term of patent 7 years.



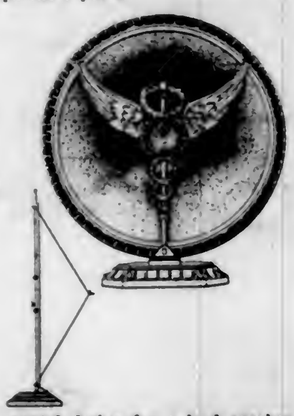
The ornamental design for a carpet, substantially as shown.

72,199. LOUD SPEAKER. OSCAR O. WIDMANN, Brooklyn, N. Y. Filed Oct. 27, 1926. Serial No. 19,494. Term of patent 7 years.



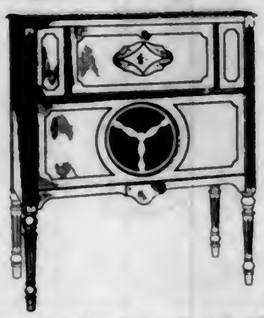
The ornamental design for a loud speaker, as shown.

72,200. LOUD SPEAKER. OSCAR O. WIDMANN, Brooklyn, N. Y. Filed Oct. 27, 1926. Serial No. 19,495. Term of patent 7 years.



The ornamental design for a loud speaker, as shown.

72,201. RADIOCABINET. JOSEPH WOLFF, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc., a Corporation of New York. Filed Oct. 27, 1926. Serial No. 19,492. Term of patent 7 years.



The ornamental design for a radiocabinet, substantially as shown.

PATENTS

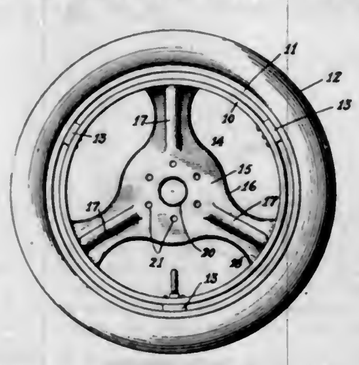
GRANTED MARCH 8, 1927.

1,619,801. PEN AND PENCIL GRIP. ABRAHAM L. BAER, Milwaukee, Wis., assignor of one-half to Frank J. Meyer, Milwaukee, Wis. Filed Feb. 11, 1924. Serial No. 691,987. 5 Claims. (Cl. 120—103.)



1. A pen and pencil grip formed from an integral piece of metal, comprising a tubular portion having a radial extension, an index finger portion connected to the extension and extending at an angle thereto and toward the opposite side of the tubular portion, and a second finger portion connected to the extension and extending at an angle thereto and toward the opposite side of the tubular portion, said finger portions forming in connection with a part of the tubular portion and with relation to each other, substantially triangular arranged finger grips for properly positioning the fingers in writing.

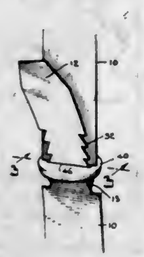
1,619,802. VEHICLE WHEEL. FREDERICK W. BAKER, Stourbridge, England, assignor to Trinity Wheel Corporation, a Corporation of New York. Filed Sept. 23, 1925. Serial No. 58,134. 5 Claims. (Cl. 301—64.)



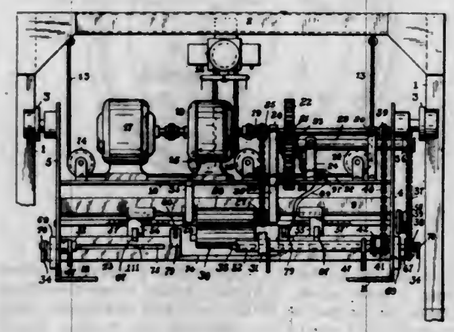
5. A vehicle wheel having a rim and a spoke system comprising a three-arm spider formed of opposed stampings fastened together at the edges and connected to the rim at equidistant points thereon, and a block between the stampings at the central part thereof, the block and stampings having holes therethrough to facilitate attachment to the hub flanges.

1,619,803. FASTENING MEANS. MARCUS B. BEHRMAN, New York, N. Y., assignor to The Lox Seal Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Sept. 12, 1925. Serial No. 55,910. 9 Claims. (Cl. 24—21.)

1. A fastener for connecting the terminal ends of a tie member of indeterminate length, said fastener comprising a casing, means for securing one end of the tie to said casing, expansible means within said casing constructed and arranged to permit of the insertion of the other terminal end of the tie member but to prevent its withdrawal, said casing being provided with a transverse slot just sufficiently large to permit of an insertion of said other terminal end in overlapping relation to the first end but otherwise completely encasing said second mentioned means to prevent any manipulation or operation thereof, whereby the insertion of such terminal end locks said other terminal end to the fastener against removal without detection.



1,619,804. SHEET-PILING MECHANISM. WILLIAM F. CONKLIN, Tarentum, HOMER S. HOPKINS, Crafton, and JOHN M. HOVER, Pittsburgh, Pa. Filed Mar. 24, 1925. Serial No. 18,068. 19 Claims. (Cl. 214—6.)

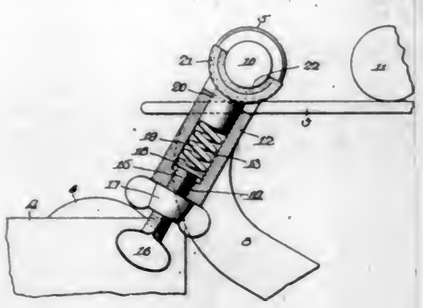


1. In a sheet-metal piling machine, means for supporting sheets above a position where they are to be piled, one upon another, means for feeding sheets to said position, means for moving the supporting means from beneath the sheets and beyond the sides of the pile of sheets and for then lowering the supporting means at the sides of the pile.

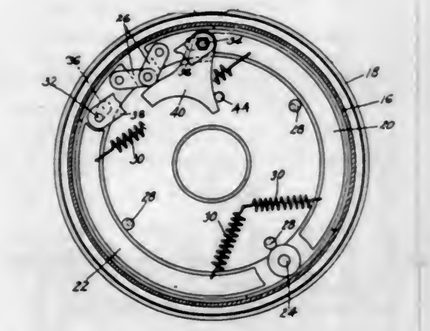
1,619,805. FLEXIBLY-ADJUSTABLE DUCT-ROLLER BRAKE. FRED S. BAILEY, Chicago, Ill. Filed Sept. 1, 1926. Serial No. 132,929. 3 Claims. (Cl. 101—244.)

1. In a device of the class described, the combination with a pivotally supported and vertically bored holder for a brake shoe, said holder having, in its lower portion a screw threaded opening communicating with the bore

thereof, of a brake shoe adapted to contact with a roller shaft and having depending therefrom a plunger located in the bore of said holder, an adjusting screw located in said screw threaded opening, a lock nut on said screw externally of the holder and a spring interposed between the plunger and said screw.



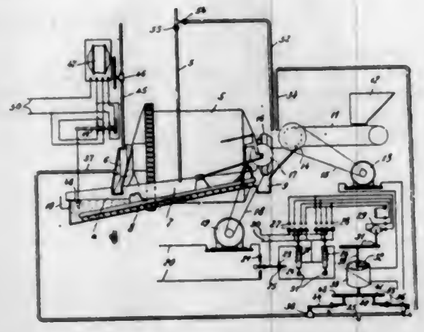
1,619,806. BRAKE MECHANISM. VINCENT BENDIX, Chicago, Ill., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed June 13, 1925. Serial No. 36,816. 16 Claims. (Cl. 188—194.)



1. A vehicle having, in combination, a swivelled wheel having a brake drum, a friction device circumferentially shiftable to anchor at either end and engageable with the drum, and means for applying the friction device including an operating device acting directly on the friction device and swivelling with the wheel, together with an operating device which does not swivel with the wheel, said operating devices engaging each other in a joint moved substantially at right angles to the swivelling axis in applying the brake, and said means permitting the shifting of the friction device without substantially affecting the brake.

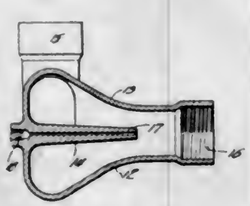
1,619,807. TREATMENT OF PULPS. ALFRED LESLIE BLOMFIELD, Colorado Springs, and ELMER RANDALL RAMSEY, Denver, Colo., assignors to The Dorr Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 18, 1923. Serial No. 632,980. 25 Claims. (Cl. 83—93.)

1. The improvement in apparatus for the treatment of pulps including a classifier for effecting a separation of solids of different character in the pulp by overflow and settling, which comprises adjustable means for adding liquid to the pulp to be treated in said apparatus, means



for producing an action representative of predetermined variations in the accumulation of settled solids in said classifier, and means for automatically controlling said adjustable liquid adding means in response to said action.

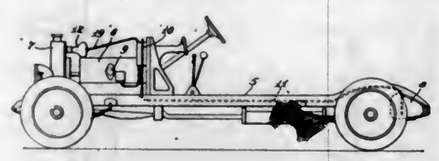
1,619,808. SUCTION-PRODUCING MEANS FOR FUEL-FEEDING SYSTEMS. ROBERT F. BRACKE, Chicago, Ill., assignor, by mesne assignments, to Curtis B. Camp, trustee, Oak Park, Ill. Filed Apr. 13, 1923. Serial No. 631,822. 1 Claim. (Cl. 230—13.)



A suction producing device adapted to be inserted in the pressure circulating water system of an internal combustion engine, comprising a vortex conduit having intake and discharge openings and conformed to receive water tangentially from the intake opening and imparting a spiral motion thereto, the conduit having an increasing constriction longitudinally from the intake for progressng the water with increased velocity toward the discharge end of the casing in its spiral movement, and a suction duct terminating adjacent the region of increased velocity for supplying suction.

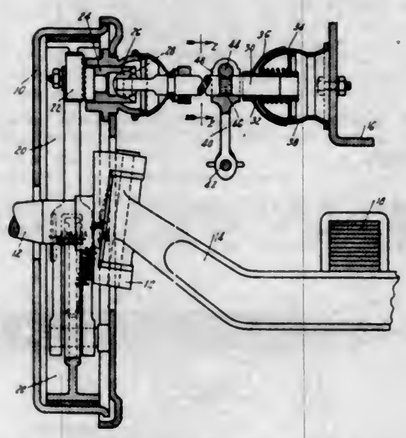
1,619,809. FUEL-FEED SYSTEM FOR MOTOR VEHICLES. ROBERT F. BRACKE, Chicago, Ill., assignor to Curtis B. Camp, trustee, Glencoe, Ill. Original application filed Apr. 13, 1923, Serial No. 631,822. Divided and this application filed Oct. 22, 1926. Serial No. 143,364. 3 Claims. (Cl. 158—36.1.)

1. A fuel feed system for motor vehicles, comprising in combination an engine, a carburetor therefor, a fuel feed tank mounted above the carburetor and arranged to feed fuel thereto, a fuel supply tank below the carburetor and communicating with the feed tank, a water circulating



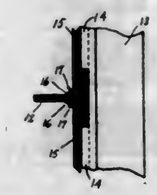
system for the engine, and an ejector in the circulating system located so as to receive the water as it leaves the engine for producing a suction in the feed tank.

1,619,810. OPERATING MECHANISM. JOHN R. CAUTLEY, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 12, 1925. Serial No. 62,077. 7 Claims. (Cl. 188—194.)



1. Operating mechanism comprising, in combination, a shaft having a part formed with gear teeth, a hub encircling said part and having a lever extending rigidly therefrom on one side and split on the side opposite the lever, and an adjusting member bridging the split in the hub and formed to mesh with said gear teeth and operable to adjust the lever and shaft angularly with respect to each other.

1,619,811. SASH. WILLIAM C. CORYELL, Youngstown, Ohio. Filed Mar. 19, 1921. Serial No. 453,685. 6 Claims. (Cl. 189—76.)



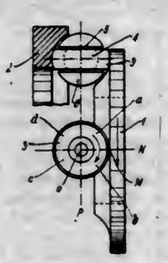
5. In a sash, glass-supporting bars, glass positioned on said bars in a plane intersecting said bars, other bars secured to said first mentioned bars at engaging points and lying wholly on one side of said plane, said other bars having each a main portion spaced from said plane and projecting ribs extending toward said plane, said ribs forming on each said bar a channel next to the glass, and retaining material in said channels.

1,619,812. TIRE FOR VEHICLE WHEELS. MARIE NICOLAS ALBERT DEVELAY, Paris, France. Filed June 10, 1922, Serial No. 567,346, and in France June 14, 1921. 4 Claims. (Cl. 152—10.)



3. In an inner tube for a vehicle wheel tire, a member having air channels therein, a second member of flexible rubber united to said first member, and constituting therewith an inflatable inner tube, and positioning devices on said second member adapted to bear against the beads of the usual outer casing on inflation of the inner tube.

1,619,813. SWIVELING-ROLLER GEARING. RICHARD ERBAN, Vienna, Austria. Filed June 26, 1926, Serial No. 118,661, and in Austria Sept. 21, 1925. 3 Claims. (Cl. 74—26.)

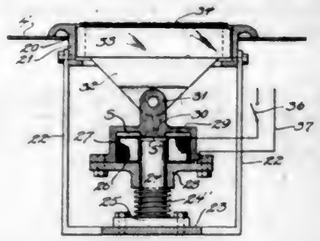


1. A device for displacing swiveling roller gearings comprising in combination two race rings having toric surfaces, a plurality of rollers capable of rolling between the said race rings, means for journalling the said rollers so as to have three degrees of freedom as regards their rotary motion, and guiding means for each roller capable of engaging with the approaching part of the roller, as set forth.

1,619,814. FABRIC-RENOVATING MACHINE. ERNEST F. FISHER, St. Louis, Mo. Filed May 13, 1925. Serial No. 30,133. 2 Claims. (Cl. 15—7.)

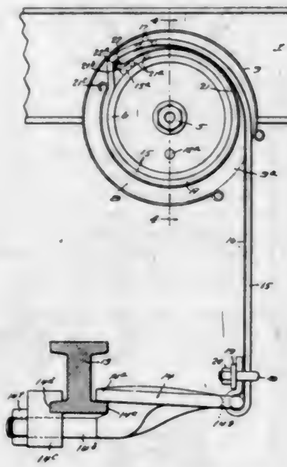
1. A fabric renovating machine comprising a table for the support of the fabric, said table being provided with an opening, a movable brush therein, brush actuating

mechanism for projecting the brush through the opening in the table and withdrawing the same, said mechanism



comprising an armature for the support of the brush, and means for setting up an alternating field for vibrating said armature.

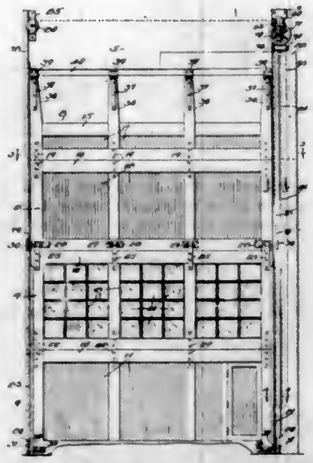
1,619,815. SHOCK ABSORBER. CLAUD H. FOSTER, Wickliffe, Ohio. Filed Apr. 30, 1926. Serial No. 105,621. 12 Claims. (Cl. 188—130.)



1. In a shock absorber, the combination, with a drum, of a strap having its inner end formed into a loop constituting a brake band extending partly about the drum and rotatable thereupon, with an operating portion of the strap surrounding such end of the band and the drum-engaging portion thereof adjacent thereto, and means whereby the thrust of the operating part of the strap will be transmitted through the loop to the inner end of the brake band, thereby to rotate the band freely upon the drum, the inner end portion of the band being provided with a projection adapted to be engaged by the operating portion of the strap exterior thereto when the strap is subjected to a pull, thereby to force such end of the brake band against the drum and cause the band to exert a braking action through the pull exerted upon the strap.

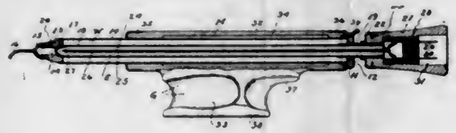
1,619,816. FOLDING CLOSURE AND MEANS FOR OPERATING SAME. WAINWRIGHT B. GERVAIS, Chicago, Ill., assignor to Variety Fire Door Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 13, 1923. Serial No. 657,149. 15 Claims. (Cl. 268—74.)

1. In a closure, a pair of door portions, a flexible connection for opening one of said door portions, a second flexible connection for opening the other of said door portions, means for actuating one of said connections, means for actuating the other connection, separate drive means for said actuating means, said drive means being adapted for operation together until one door is moved into open position and independently to move the other door into



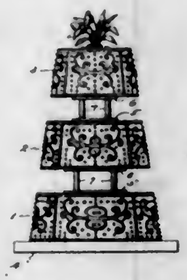
open position, and means for automatically uncoupling said separate drive means as the first door reaches open position.

1,619,817. WAX-APPLYING TOOL. HARRY LEE GIBSON, Chicago, Ill. Filed Jan. 15, 1926. Serial No. 81,386. 9 Claims. (Cl. 219—19.)



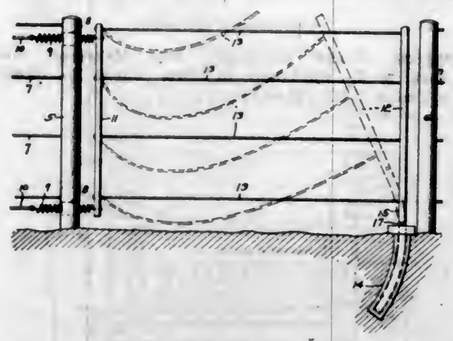
1. In a wax applying tool, the combination of a wax container having a discharge outlet, and a heating element within said container mechanically adjustable to cooperate with said outlet to control the flow therethrough.

1,619,818. CAKE SUPPORT. JOHN M. GOWANS, Hartford, Conn. Filed Mar. 4, 1926. Serial No. 92,283. 3 Claims. (Cl. 211—14.)



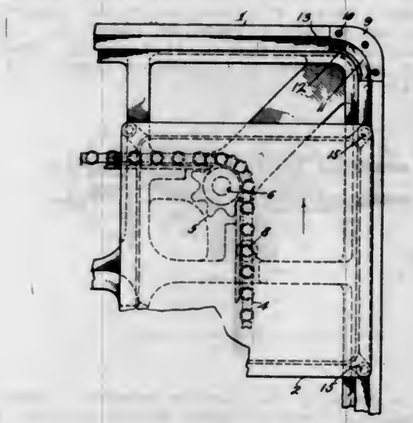
1. A support for cake comprising a pair of plates, posts connecting and detachably holding the plates in spaced relation and pointed projections extending oppositely from the outside faces of both of the plates.

1,619,819. GATE. AUGUSTUS B. HAGEMAN, Broken Bow, Nebr. Filed Nov. 19, 1925. Serial No. 70,138. 3 Claims. (Cl. 39—74.)



1. A combination with a pair of spaced fence posts providing a gate opening, of a gate arranged between the posts including gate end bars, one bar having a curved extension at its lower end, retractile coil springs supported by one fence post and attached to the other gate end bar, anchor means for the coil springs and a curved socket anchored in the ground adjacent to the other gate end post and receiving the said curved extension of the first gate end bar.

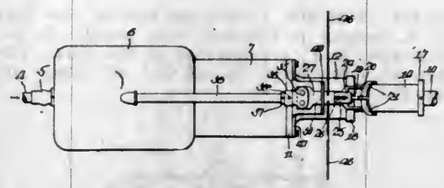
1,619,820. SHOCK ABSORBER FOR POWER PLATE PRESSES. JOHN J. HALLIWELL, Mount Vernon, N. Y., assignor, by mesne assignments, to R. Hoe and Co., Inc., New York, N. Y., a Corporation of New York. Filed Dec. 7, 1923. Serial No. 679,111. 9 Claims. (Cl. 101—159.)



1. In a plate printing machine, the combination with the frame and the bed, of guides located adjacent the corners of the frame and having curved guiding surfaces, and rolls depending from the bed and cooperating with the curved surfaces of the guides as the bed swings around the corners of the frame.

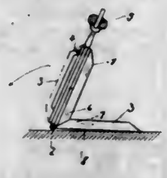
1,619,821. BLEEDER ATTACHMENT FOR AIR BRAKES. LE ROY W. HEFFELFINGER and LOUIS J. COURTNEY, Chicago, Ill. Filed May 21, 1926. Serial No. 110,685. 4 Claims. (Cl. 303—80.)

1. In an attachment for air-brakes of the class described, the combination with a train-pipe, of an auxiliary reservoir and brake-cylinder communicatable therewith, a bleed pipe communicating at one of its ends with said reservoir and having its other end located adjacent the said cylinder, a valve-casing having a bleed opening and secured to the bleed pipe, a spring-pressed valve within said casing and having a stem extended



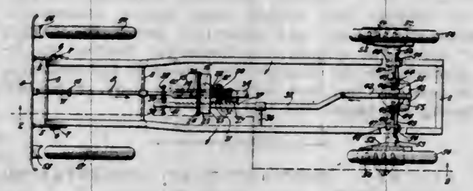
therefrom, a manually operated valve-lever having two fulcrums whereby it may be operated in opposite directions, said valve-stem contacting with one end of said valve-lever, and weighted means co-operating with said valve lever and extended into the path of travel of a movable part carried by said brake-cylinder.

1,619,822. WATCHCASE. WALTER HUBER, Pforzheim, Germany. Filed Mar. 11, 1926, Serial No. 93,927, and in Germany Sept. 30, 1925. 1 Claim. (Cl. 58—88.)



A time piece comprising an open-faced case, a cover for the open face of the case, said case and cover having beveled marginal abutment surfaces, and a hinge uniting the case and cover at the intersection of said abutment surfaces so as to adapt the cover to be swung backward to a horizontal position and at an angle to the case to support said case in an upright position, in which positions of the case and cover the said abutment surfaces are brought into contact to assist the hinge in supporting the weight of the case and its contents.

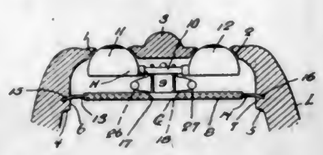
1,619,823. MOTOR VEHICLE. KARL KLEIN, St. Louis, Mo. Filed July 6, 1925. Serial No. 41,560. 9 Claims. (Cl. 180—83.)



1. In a motor vehicle, the combination of a chassis and an engine supported therein and a clutch device operatively connecting the engine with the rear wheels of the vehicle, of a bumper extending transversely of the chassis and arranged for endwise movement, shoes adapted to be interposed between the ground and the rear wheels to cause said wheels to idle, connections between the shoes and the bumper including an oper-

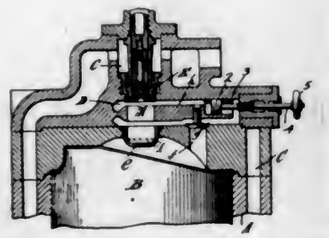
ative device for automatically connecting said means with the engine, operable by frontal contact on the bumper, and a device for releasing the clutch after said shoes have been set.

1,619,824. EYE SET. ALEXANDER KONOFF, New York, N. Y., assignor to Overland Metal Novelty Co. Inc., New York, N. Y., a Corporation of New York. Filed Apr. 30, 1926. Serial No. 105,678. 16 Claims. (Cl. 46—40.)



14. In an eye set comprising a pair of eyes, a support for said eyes, and attaching means operative to attach the support to a doll head, the combination therewith of force producing means to positively adjustably move said support upon operation of the attaching means.

1,619,825. INTERNAL-COMBUSTION ENGINE. CHARLES E. LUCKE, New York, N. Y., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed July 25, 1921. Serial No. 487,260. 9 Claims. (Cl. 123—33.)

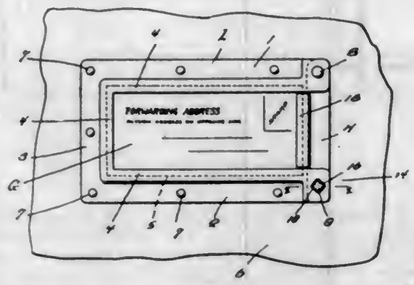


1. In an internal combustion engine, the combination with a precombustion chamber having a fuel feed opening to the cylinder and means for injecting fuel into the chamber during or about the end of compression to secure limited combustion and feed of fuel to the cylinder by the relative pressures in the chamber and cylinder, of a pressure equalizing connection between the chamber and cylinder open during compression, means for closing said connection during the feeding of fuel to the cylinder, and means for dividing the air compressed in the chamber into a body of fuel-combining air near the fuel feed opening and a body of fuel-displacing air behind the fuel.

1,619,826. PREPARATION OF CONCENTRATED ONION JUICE. CARL MARX, Wyoming, N. J., assignor of one-half to Rudolph Weiss, New York, N. Y. Filed Oct. 20, 1925. Serial No. 63,767. 1 Claim. (Cl. 99—11.)

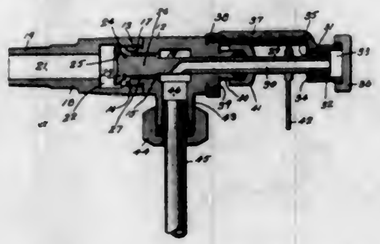
Method of preparing concentrated onion juice, consisting in boiling comminuted onions in a closed container, collecting only the first one-tenth of the distillate produced, continuing the boiling until the total bulk of comminuted onions has been reduced to at least one half of the original bulk, filtering the mass of softened onion pulp thus formed, and re-incorporating with the resultant filtrate the first one-tenth of the distillate obtained during the early part of the boiling operation, substantially as described.

1,619,827. CARD HOLDER. MAX MEYERSON, New York, N. Y. Filed May 15, 1925. Serial No. 30,627. 4 Claims. (Cl. 40—17.)



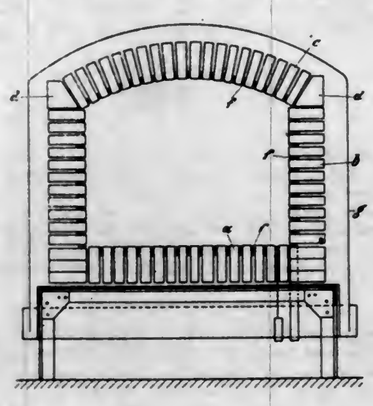
4. The combination with a package, of a card holder therefor having a movable retaining member for the card, said card holder and retaining member having mating apertures therethrough and there being an alined aperture through the wall of the package, a locking bolt extending through said apertures, having a rectangular head thereon received in a rectangular countersink of one of said members, and a nut removably threaded onto said bolt interiorly of the package.

1,619,828. AUTOMATIC SHUT-OFF FOR WATER GAUGES. ERNEST P. PRATOR, Leeper, Mo., assignor of one-third to John T. Fredericks, Leeper, Mo., and one-third to John R. Stephens, St. Louis, Mo. Filed Mar. 3, 1921. Serial No. 449,584. 5 Claims. (Cl. 73—54.)



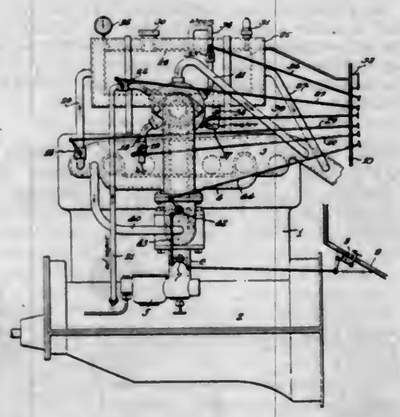
1. In a device of the character described, a water glass, upper and lower conductors whereby the ends of said water glass are placed in communication with a boiler, check valves adapted to control communication between said ends and the boiler, said check valves being movable to their closed positions in response to a rapid discharge of fluid therepast, and fluid-actuated valve-opening means whereby said valves are automatically opened in response to fluid pressure in said water glass, said means including pressure-receiving members carried by the respective valves and said conductors having passageways through which pressure is transmitted to said pressure-receiving members, and one of said valves having a port whereby said water glass is placed in communication with the boiler when said valves occupy their closed positions, so as to provide for the transmission of fluid pressure to said pressure-receiving members.

1,619,829. ELECTRIC RESISTANCE MUFFLE FURNACE. WILHELM ROHN, Hanau-on-the-Main, Germany, assignor to Charles Engelhard, Inc., New York, N. Y., a Corporation. Filed May 3, 1923, Serial No. 636,855, and in Germany May 8, 1922. 5 Claims. (Cl. 204—64.)



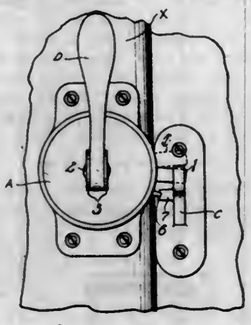
1. An electric muffle furnace comprising a closed chamber formed of heat resisting fire bricks, all of whose surfaces are flat, having their smaller sides facing inwardly and a flat heating band imbedded into the spaces between the bricks.

1,619,830. FUEL ECONOMIZER AND DECARBONIZING DEVICE. RUFUS R. ROSS, Detroit, Mich. Filed Oct. 17, 1924, Serial No. 744,120. Renewed May 3, 1926. 7 Claims. (Cl. 123—25.)



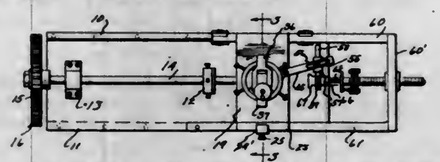
1. A device of the character described comprising a jacket for heating purposes, said jacket having an end thereof fashioned for mounting between the outlet connection of a carbureter and the intake manifold of an internal combustion engine, a conduit in said jacket adapted to be heated by a heating agent in said jacket, said conduit having one end thereof coaxially of said carbureter outlet connection and communicating with said carbureter outlet connection and said manifold by a series of openings so that engine fuel may pass through the end of said conduit, and a mixing chamber at the opposite end of said conduit in said jacket and adapted to be supplied with various kinds of vapor to pass through said conduit and commingle with the engine fuel.

1,619,831. FASTENER FOR REFRIGERATOR DOORS. ADOLPH RUBIN, St. Louis, Mo., assignor, by mesne assignments, to Arcade Manufacturing Company, Freeport, Ill., a Corporation of Illinois. Filed Dec. 5, 1925. Serial No. 73,391. 11 Claims. (Cl. 292—226.)



1. A refrigerator door fastener provided with a latch, means for disengaging said latch from the keeper, a movable trigger for holding said latch in an inoperative position, and a substantially C-shaped spring combined with said latch and trigger for moving both of said elements to render them operative.

1,619,832. LATHE ATTACHMENT. PERL LEE STARR, Detroit, Mich. Filed July 29, 1922. Serial No. 578,481. 4 Claims. (Cl. 82—2.)



1. In a device of the class described, a tool holder; means for adjusting the angular position of said holder relatively to the work piece; wedge members for locking said holder in adjusted position; a ring for supporting said wedge members; and means for rotating said ring for releasing said holder for movement relatively to the work piece without disturbing the angular adjustment thereof.

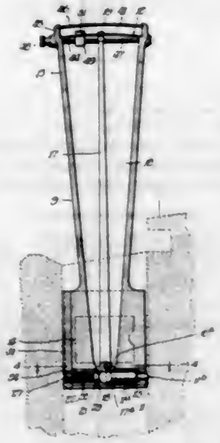
1,619,833. DEVICE FOR SHARPENING STRAIGHT AND SAFETY RAZOR BLADES. CLOYD E. STEGNER, Detroit, Mich. Filed Feb. 4, 1924. Serial No. 690,673. 1 Claim. (Cl. 51—214.)



A razor sharpening device comprising a pair of sharpening plate holders, each of which is provided with an

open side, the open sides being arranged adjacent each other, each of said holders being provided with an inwardly inclined end wall and extended side walls, sharpening plates slidably mounted in said holders between said side walls, the ends of said sharpening plates being adapted to engage the inwardly inclined end walls of the holders, springs mounted in said sharpening plate holders and engaging the opposite ends of said sharpening plates to force them toward said inwardly inclined end walls, transverse springs arranged between said sharpening plate holders beyond said sharpening plates, and means for adjustably retaining said sharpening plate holders in position with respect to each other.

1,619,834. MEASURING GAUGE. LOUIS H. STEIN, Chicago, Ill. Filed Dec. 23, 1925. Serial No. 77,354. 16 Claims. (Cl. 33—178.)



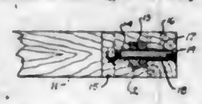
1. In the gauge of the class described, the combination of a body having a lower substantially cylindrical plug portion and an upper tapering stem portion, there being an opening extending through said plug portion and said stem portion, an indicating lever pivoted in said opening adjacent the lower end of said plug portion, a movable gauge contact mounted for transverse movement in said plug portion and adapted to bear against said indicating lever at a point in close proximity to said pivot, a spring pressed plunger in said plug portion bearing against said indicating lever substantially oppositely to said movable gauge contact, a long gauge bar extending longitudinally of said plug portion at a point diametrically opposite to the point of measuring contact of said movable gauge contact, spring pressed means extending from said plug portion for pressing said gauge bar against the wall of said bore, a scale supported in the upper end of said stem portion, and a pointer on said indicating lever for playing across said scale.

1,619,835. PLATING METALS. BERTRAND S. SUMMERS, Port Huron, Mich., assignor to The Locomotive Terminal Improvement Co., Chicago, Ill., a Corporation of Maine. Filed Feb. 9, 1924. Serial No. 691,832. 2 Claims. (Cl. 204—1.)

1. As an article of manufacture, an article of iron covered with an electro-deposited coating of lead and nickel.

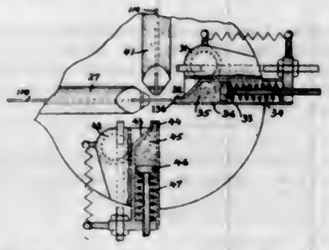
1,619,836. JOINT. GEORGE TASMAN, Brooklyn, N. Y. Filed Aug. 26, 1925. Serial No. 52,495. 4 Claims. (Cl. 20—92.)

1. A joint between a wooden pillar and a wooden rail, said joint comprising a pillar, a rail furcated at its end facing aforesaid pillar, a key, arranged within and glued to the aforesaid furcated end and into a recess in the pillar, having its grain running in the same direction as that of the pillar, an aperture, spacious enough to operate the nut of a bolt therein, arranged in the rail in a short distance from its furcated end, a channel, bored through the pillar and extended in a longitudinally central direction through the key until it connects



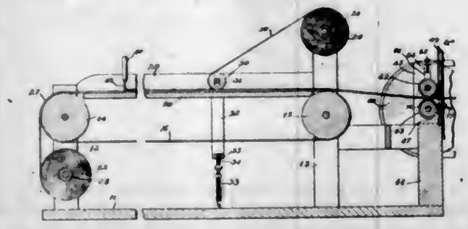
with the aforesaid aperture, a tube within and fitting tightly into aforesaid channel, a bolt arranged in aforesaid tube projecting with its screw-threaded end into aforesaid aperture, a washer and a nut tightened on the threaded end of said bolt, holes in an oblique direction through the rail and the key into the pillar, and a grooved pin glued within and filling each of aforesaid holes.

1,619,837. SOLDERING ART. JONATHAN WENZ, JOSEF ALVERA, and GEORG BRUNHÜBNER, Pforzheim, Germany. Filed Apr. 8, 1925, Serial No. 21,513, and in Germany Dec. 2, 1924. 4 Claims. (Cl. 59—1.)



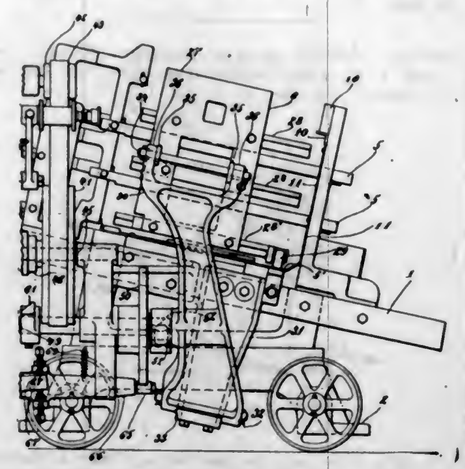
1. In a link forming machine, a link closing stamp having a solder containing chamber and a link closing recess with which latter the said chamber has communication through a solder conducting passage, and jar-operated means for positively feeding the solder through said passage.

1,619,838. MACHINE FOR MAKING LUBRICATING MEANS FOR VEHICLE SPRINGS. ROBERT WHITE, Rochester, N. Y., assignor to J. Lawrence Hill, Rochester, N. Y. Filed Oct. 20, 1921. Serial No. 509,211. 3 Claims. (Cl. 154—1.)



1. The combination of mechanism for supplying a pair of strips of material and for feeding the same longitudinally laid one upon the other, a source of lubricant provided with means for applying the same between said strips, cooperating cutting elements actuated in synchronism with said feeding mechanism for cutting the combined strips into predetermined lengths, a pair of rolls for maintaining the combined strips taut and presenting the same to said cutting elements, said rolls being circumferentially grooved to prevent expression of the lubricant, and means for rotating said rolls.

1,619,839. CASE-FILLING MACHINE. CHARLES H. WILD, Baltimore, Md., assignor to Burt Machine Company, Incorporated, a Corporation of Maryland. Filed Dec. 14, 1925. Serial No. 75,366. 29 Claims. (Cl. 226—15.)



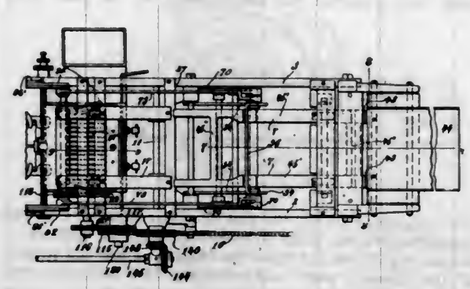
1. In a carton or case-filling machine, a load-forming enclosure, supports therein for a plurality of tiers of cans and a plurality of layers, means for feeding cans to said enclosure and supports in a plurality of tires and a plurality of layers, and means for moving the load of cans simultaneously and transversely to the feed.

19. In a machine for filling cases or cartons with cans, load-forming means comprising a can support and an abutment, a track leading to said support, a plunger for moving the load into the case, a motor for actuating the plunger, transmission means from the motor to the plunger including a rotary shaft, and means for communicating a reciprocating motion from the shaft to the plunger at each rotation of the shaft, said transmission means including a clutch whereby the motor may be thrown into and out of connection with said shaft, a dog on said shaft throwing the clutch out of engagement after each operation, means controlled by the operator for throwing the clutch into engagement, positioning means operating after the clutch throw-out for determining the initial position of the plunger after each operation, a gate for separating the cans being fed from the cans comprising the load, and means for operating the gate, said operating means being connected to and operated by the control, means opposite the gate between which and the gate any can partly on the track and partly in the path of the plunger blocks the gate and checks the operation of the gate-actuating mechanism and the plunger, warning the operator of the trouble and preventing the operation of the plunger.

20. In a machine for filling cartons with cans, load-forming mechanism comprising a can support and a track leading thereto, means for moving the load into the carton, a support for the carton opposite the load-forming means and in line with the load-moving means, the can support being spaced from the carton support to admit the bottom flaps of the cartons beneath the can support, and a guide for the carton flaps to deflect and guide the bottom flap beneath the can support.

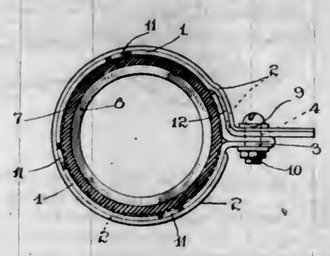
24. In a case-filling machine, the combination of load-forming means, a track downwardly inclined to the load-forming means, means for moving the cans from the load-forming means to the case, and means for indicating the presence of a complete load in the load-forming means comprising means for indicating the presence of stationary cans in the feeding means in front of the load-forming means.

1,619,840. CAN-LABELING MACHINE. CHARLES H. WILD, Baltimore, Md., assignor to Burt Machine Company, Incorporated, Baltimore, Md., a Corporation of Maryland. Filed May 5, 1926. Serial No. 106,885. 32 Claims. (Cl. 216—58.)



1. In a machine for labeling cylindrical packages, ways, means for rolling the packages along the ways, means for supporting a supply of labels adjacent the ways so that the packages roll over the top label as they pass, a paste pot and a paste roller therein and means for rotating this roller independently of the motion of the packages and means contacting said roller for applying adhesive to the forward end of each label as it comes to the top of the pack and tripping means in the path of the packages at the front end of the machine controlling said adhesive applying means to operate the same as each package is introduced into the machine.

1,619,841. HOSE CLAMP. CHARLES S. WITWER, Yonkers, N. Y. Filed Sept. 26, 1923, Serial No. 664,818. Renewed Jan. 18, 1927. 2 Claims. (Cl. 24—19.)

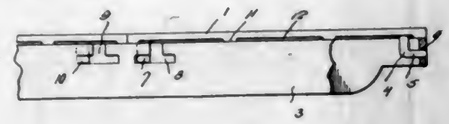


1. A device of the character described comprising an adjustable metal band composed of a long and short portion, said long portion being provided with inwardly projecting concave beads and said short portion being provided with outwardly projecting convex beads arranged for inter-engagement when the ends overlap, a supporting shoulder formed therein by bending said body back upon itself, apertures therein permitting the adjustment of said band to varying diameters, and indents adjacent said apertures to permit of the severance therefrom of any projecting portions thereof.

1,619,842. GRATE CONSTRUCTION. JOHN W. WRIGHT, Olympia, Wash. Filed Jan. 4, 1926. Serial No. 79,150. 1 Claim. (Cl. 126—168.)

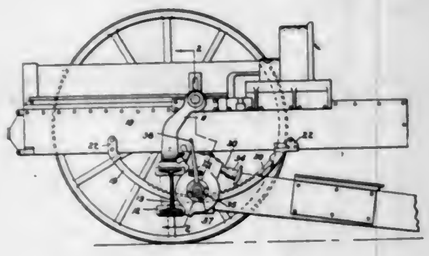
A grate comprising a substantially rectangular shaped supporting frame, a series of plates adapted to be arranged on top of the supporting frame, the sides of the rectangular shaped supporting frame being provided with substantially inverted T-shaped slots, the end of the leg portion of each of the inverted T-shaped slots extending to the top of the respective side of the frame, L-shaped

lugs depending from the bottom of each plate and disposed transversely beyond the outer sides of the plate, said lugs adapted for vertical movement within the leg portion of the inverted T-shaped slots and being adapted for disposition in the arms of the respective T-shaped slots for preventing the displacement of the plate from



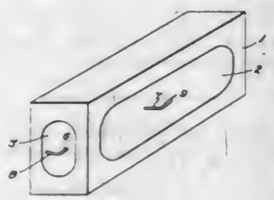
the supporting frame, the end of said rectangular shaped supporting frame being provided with a slot, and an L-shaped lug depending from the bottom of the end portion of the endmost plate and extending longitudinally, said last mentioned lug being adapted for detachable engagement with said last mentioned slot.

1,619,843. TRAINING MECHANISM FOR GUN CARRIAGES. HARRY C. ZIMMERMAN, Washington, D. C. Filed Sept. 16, 1924. Serial No. 738,074. 15 Claims. (Cl. 89—40.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



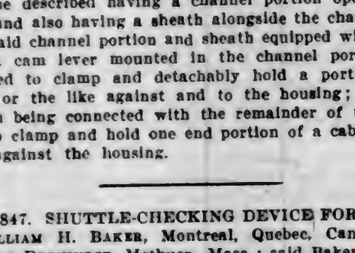
15. In a gun carriage, an axle, a top carriage supported thereby, a cradle trunnioned in the top carriage, a training mechanism mounted on the axle, and means detachably engaging the cradle for connecting the cradle and training mechanism.

1,619,844. PAVING BLOCK. ANTHONY M. ZOTTOLI, Quincy, Mass. Filed June 21, 1923. Serial No. 646,798. 4 Claims. (Cl. 94—13.)



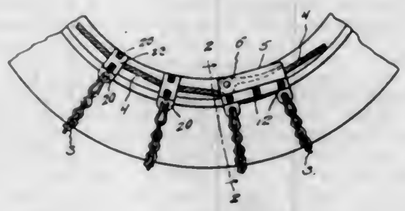
1. A rectangular paving block having a recess in each of its vertical sides, each recess being entirely within the margin of the outer side face of the block and bordered all around by a flush portion of the side face, and rods embedded in the block which respectively extend longitudinally and transversely entirely through the block and project outwardly through said recessed portions beyond the plane of the side face of the block, and having hook like ends.

1,619,847. CHOCK BRAKE. BENJAMIN ZUCKER, New York, N. Y. Filed Nov. 28, 1924. Serial No. 752,704. 2 Claims. (Cl. 188—4.)



1. In a chock brake, in combination, a base, a plurality of upwardly extended flanges positioned angularly with respect to each other adapted to abut upon the sides of the rim of an inserted wheel thereby preventing the passage of the wheel completely through the device carried by the base and a chain capable of attaching the base to a vehicle.

1,619,846. CHAIN EQUIPMENT FOR TIRES. FRANK H. ARNZEN, Grangeville, Idaho. Filed Jan. 21, 1926. Serial No. 82,728. 3 Claims. (Cl. 24—134.)

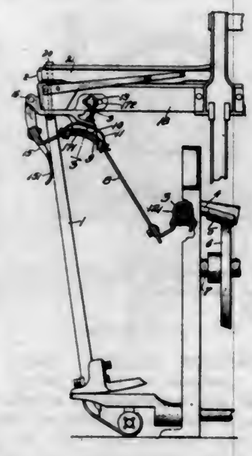


1. As a new article of manufacture, a housing for the purpose described having a channel portion open at its ends and also having a sheath alongside the channel portion said channel portion and sheath equipped with teeth, and a cam lever mounted in the channel portion and adapted to clamp and detachably hold a portion of a cable or the like against and to the housing; the said sheath being connected with the remainder of the housing to clamp and hold one end portion of a cable or the like against the housing.

1,619,847. SHUTTLE-CHECKING DEVICE FOR LOOMS. WILLIAM H. BAKER, Montreal, Quebec, Canada, and JOHN DEWHURST, Methuen, Mass.; said Baker assignor to said Dewhurst. Filed July 28, 1926. Serial No. 125,446. 3 Claims. (Cl. 139—162.)

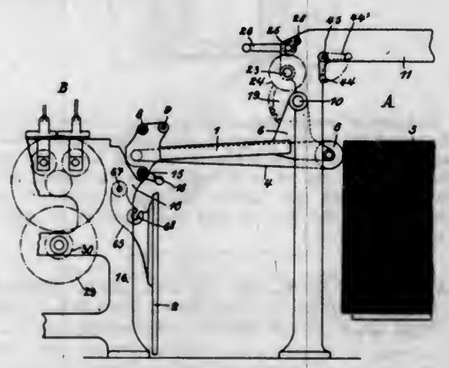
1. The combination with the lay of a loom, and a pivotal mounting at the outer end thereof, of shuttle-checking devices comprising essentially a picker-stick engaging lever engaged with said mounting, a connector connected

with the said lever, friction-surfaces between which the connector is confined and by which movement thereof endwise is retarded frictionally, and means acting



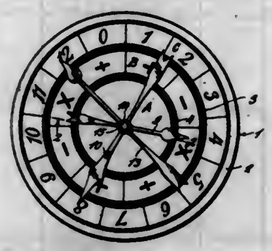
through the connector itself to draw the said lever inwardly to provide for temporarily locating the picker-stick in shuttle-checking position.

1,619,848. APPARATUS FOR WORKING PAPER, CARTON, AND THE LIKE MATERIALS. HENRI BOBST, Lausanne, Switzerland, assignor to Bobst & Fils, Societe Anonyme, Lausanne, Switzerland, a Corporation of Switzerland. Filed Jan. 19, 1924. Serial No. 687,397, and in Switzerland Jan. 26, 1923. 10 Claims. (Cl. 271—45.)



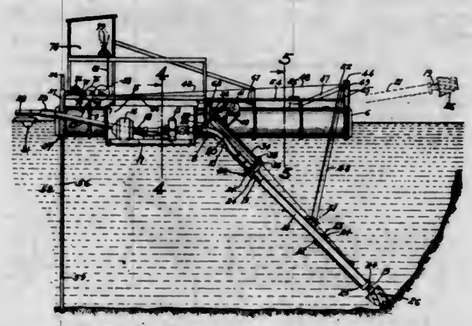
1. In an apparatus for working paper, card and similar materials the combination, with a machine for working, of a feeding machine provided with an automatic feeding table carrying all the transporting mechanism serving for the automatic feed of the working machine, said table being pivoted to the main shaft of the feeding machine, a mechanism by means of which said table may be moved into a raised position, so as to produce a free space to allow a passage between the working machine and the feeding machine, elements actuating the transporting mechanism which are mounted upon the table, said elements being so disposed that during the pivoting of said table into its upper position the said transporting mechanism mounted on the table is automatically uncoupled.

1,619,849. ARITHMETICAL GAME. VERTNER D. BRITTINGHAM, Brighton, Colo. Filed Nov. 10, 1925. Serial No. 68,060. 3 Claims. (Cl. 35—2.)



1. An arithmetical game apparatus for setting up problems comprising, in combination, a disk-like member having two concentric annular areas divided by radial lines into a plurality of sections, each section of one of the annular areas having a number, each section of the other area having one of the arithmetical symbols +, −, × or ÷ and means for determining by chance one of the arithmetical symbols and two numbers, the numbers to be employed in the problem indicated by the symbol.

1,619,850. DREDGING MACHINE. VASCO F. CASEY, Minneapolis, Minn., assignor to Minneapolis Dredging Co., Minneapolis, Minn., a Copartnership composed of Bernard W. Harris, Leo B. Harris, Vasco F. Casey, and Henry I. Meyers. Filed Mar. 12, 1925. Serial No. 15,016. 13 Claims. (Cl. 37—67.)

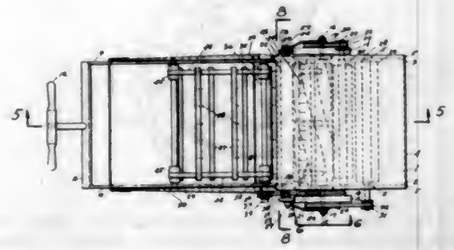


1. A dredge structure, comprising elongated pontoons, arranged in spaced parallel relation, a float as a pump-receiving chamber rigidly connecting the pontoons transversely, rearwardly of the longitudinal middle, and a boom-frame terminally horizontally pivoted between the pontoons substantially at the longitudinal middle thereof, and below the water level, to obtain low center of gravity and balance of the dredge, and maximum working range of the boom.

1,619,851. COMBINATION LAWN CLEANER. JOSEPH COLEY, Detroit, Mich. Filed May 10, 1926. Serial No. 108,005. 3 Claims. (Cl. 55—145.)

1. A lawn cleaning device comprising a partially inclosed semi-circular frame casing, said frame casing being opened along the bottom side thereof and mounted on two drive wheels, a cylindrical rake section rotatably mounted within said frame casing, positioned parallel with the drive wheel axis and near the bottom side of said frame, said cylindrical rake being actuated by direct connection with one of the drive wheels, an extension frame attached to the back side of the frame casing and provided with a propelling handle thereon, a receptacle chamber attached to said extension frame and frame casing, and

opening into said frame casing directly back of the cylindrical fan, a movable conveyor attached to said frame casing at the receptacle opening and extending back into the receptacle chamber, said conveyor being actuated by direct connection with the drive wheels, a circular fan sec-

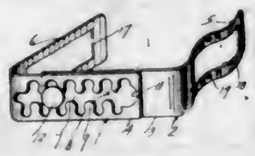


tion rotatably mounted within the frame casing on the front side of the cylindrical rake and near the casing opening, said fan being actuated by direct connection with one of the drive wheels for forcing the refuse from the rake back to the conveyor and into the receptacle chamber.

1,619,852. SOLDER FOR ALUMINUM AND ITS ALLOYS. EMILE CONTI, Alfortville, France. Filed Sept. 12, 1924, Serial No. 737,380, and in France July 21, 1924. 1 Claim. (Cl. 148—26.)

A solder for aluminum and its alloys containing from about 52 to 66% of tin; 46 to 23% of zinc and 2 to 11% cadmium, with the addition of a relatively small proportion (from 1 to 5%) of chloride of sodium, sal ammoniac and alum.

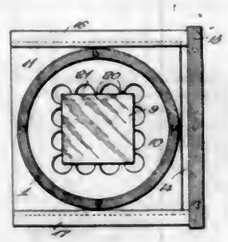
1,619,853. ADJUSTABLE BEDDING CLAMP. FRANK M. CORREA, Honolulu, Territory of Hawaii. Filed Aug. 24, 1925. Serial No. 51,900. 4 Claims. (Cl. 24—72.5.)



1. An adjustable bedding clamp comprising two substantially L-shaped clamping members having certain portions adjustably engaged with one another and the other portions opposed to one another and comprising jaws adapted to engage the under side of a mattress and on top of the bedding mounted on the mattress and means for locking the adjustably engaged portions of said members in adjusted position, said jaw portions having openings therein of sufficient size to permit the bedding to extend into said openings, the jaw portion of the upper member being corrugated.

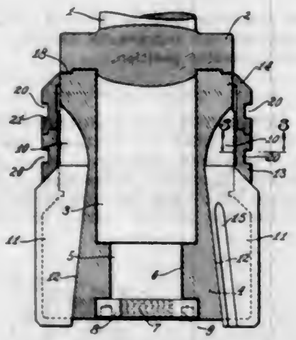
1,619,854. PIEZO-ELECTRIC-CRYSTAL APPARATUS. ALFRED CROSSLEY, Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Feb. 26, 1926. Serial No. 90,931. 5 Claims. (Cl. 171—327.)

5. Piezo-electric crystal apparatus comprising in combination a pair of conductive plates, a piezo-electric crystal supported between said plates, a retaining ring member of insulating material mounted on one of said plates and extending to a distance substantially less than the thickness of said crystal and substantially spaced away from the other of said plates, said ring member having inwardly directed faces arranged to embrace the sides of said piezo-electric crystal for preventing substantial movement thereof in planes parallel to the plane



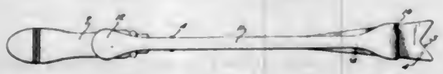
of the retaining ring, while permitting free mechanical vibration of the piezo-electric crystal at the natural frequency thereof.

1,619,855. EXPANSION REAMER. EMERY E. DAVIS, St. Lous, Mo., assignor to Davis Boring Tool Company, St. Louis, Mo., a Corporation of Missouri. Filed Oct. 27, 1922. Serial No. 597,302. 5 Claims. (Cl. 77—75.5.)



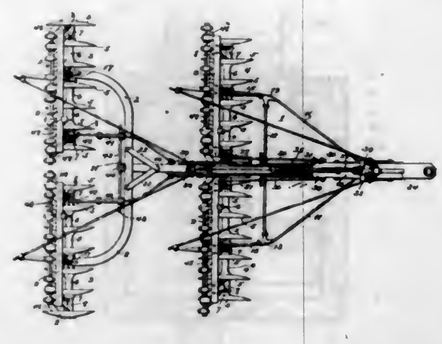
1. A reamer comprising, a shank, a head loosely mounted on said shank and provided with cutting edges, a loose angular driving connection between said head and said shank at the tip of said head, and an overhanging shoulder on one part loosely entering a recess in the other part at the back of said head adapted to provide a dust seal.

1,619,856. DANDELION DIGGER AND PULLER. HARRY G. DAVIS, St. Paul, Minn. Filed Jan. 7, 1926. Serial No. 79,767. 2 Claims. (Cl. 55—148.)



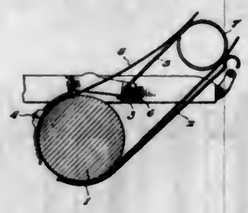
1. A combined dandelion digger and puller comprising a flat blade having at one end a cutting edge and at its other end a handle-equipped stem, a lever fulcrumed to said stem and having at one end a pulling member arranged for co-operation with the blade, a spring operative on the lever for yieldingly holding the pulling member in contact with the blade, and a thumb piece closely associated with the handle and connected to the lever for moving the pulling member away from the blade against the tension of the spring by pressure toward said handle.

1,619,857. DISK HARROW. WILLIAM D. DEWEND, South Bend, Ind., assignor to Oliver Chilled Plow Works, South Bend, Ind. Filed Oct. 16, 1922. Serial No. 594,888. 4 Claims. (Cl. 55—83.)



1. In a multiple-gang harrow, the combination with front and rear main frames pivotally connected together, and front and rear gang frames pivotally connected with the respective main frames, of a lever pivotally connected between its ends with the front main frame, rods connecting the lower arm of said lever with the front gang frames, a slide carried by the front main frame, connections between the upper arm of said lever and said slide, rods connecting said slide with the rear gang frames, and manually operable means operatively connected with said lever whereby all the gang frames may be angled simultaneously.

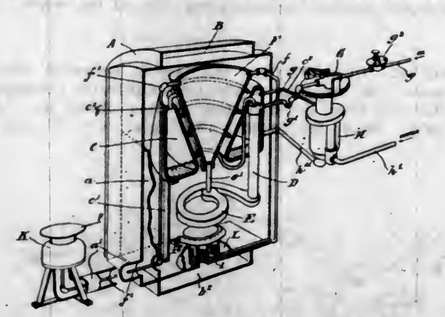
1,619,858. PAPER GUIDE FOR TYPEWRITING MACHINES. VINCENT GAGE, Washington, D. C. Filed July 3, 1926. Serial No. 120,440. 2 Claims. (Cl. 197—127.)



1. As a new article of manufacture, a paper guide for typewriting machines to prevent the paper being carried around the platen a second time, the same consisting of a guide member having a clasp at its lower end to engage the pressure roller rod, and having its upper end re-curved to provide a rest to engage the paper shelf, both the clasp and the rest projecting from the same side of the guide which is straight and flat upon its top side.

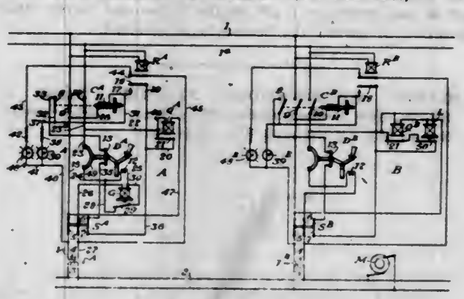
1,619,859. DEVICE FOR VAPORIZING AND BURNING LIQUID FUEL. MANLY M. GILLAM, Flushing, N. Y.; Arthur L. Gillam administrator of said Manly M. Gillam, deceased. Filed July 19, 1924. Serial No. 727,087. 3 Claims. (Cl. 158—56.)

1. A device for generating and utilising fuel gas, having main and auxiliary burners, the main burner being located inside of the furnace that is to be heated and the auxiliary burner, with its adjuncts, together constituting the vapor generator, being located outside of the furnace that is to be heated, the vapor generator consisting of a steam boiler and superheater exposed to the flame and heat of the auxiliary burner, a tubular retort connected at its inlet end to the superheater and at its outlet end to a reservoir from which, through piping means, combustible vapor, or fuel gas, is supplied to the main burner and by another pipe to the auxiliary burner, a liquid fuel supply pipe connected with the superheater, a water supply pipe connected with



the boiler; the described vapor generator parts being metal encased, as a unit and having in said metal casing a conduit, or duct, passing up one side, across the top down the opposite side and discharging into the hollow base of said metal casing to give of its oxygen, heated by contact with high temperature surfaces, to add to the efficiency of combustion in the auxiliary burner, substantially as and for the purposes described.

1,619,860. ELECTRICAL SWITCHING APPARATUS. ROBERT M. GILSON, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Apr. 18, 1925. Serial No. 24,281. 6 Claims. (Cl. 171—97.)



1. In an electrical distributing system the combination with a main and an auxiliary source of alternating current and a transmission line, of means for at times supplying current of one relative polarity from said main source to said transmission line, means for at times supplying current of the opposite relative polarity to said transmission line from said auxiliary source, and means responsive to the excess of current in said line when both said sources are supplying current thereto for disconnecting said auxiliary source but not said main source from said line.

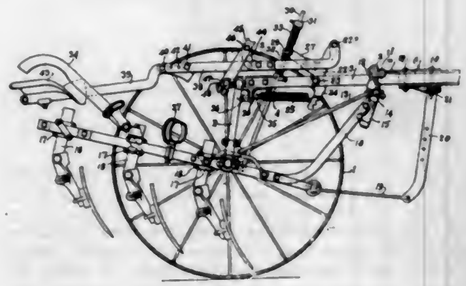
1,619,861. DISINFECTANT COMPOSITION. GEORGE GILLARD GORDON, Dollis Hill, London, England. Filed Dec. 17, 1926, Serial No. 155,543, and in Great Britain June 29, 1925. 9 Claims. (Cl. 167—3.)

1. A process for the production of a disinfectant composition consisting in mixing an oleaginous substance of the eucalyptus species with an oleaginous ingredient until solution of the latter, and adding an aqueous

alkaline solution, which, together with said oleaginous ingredient, forms a saponaceous vehicle for the eucalyptus content, until the latter approximates 37% of the whole.

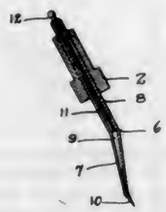
8. A disinfectant composition comprising an oil of the eucalyptus species and a saponaceous vehicle for the eucalyptus including alkali and water, with the eucalyptus content approximating 37% of the whole.

1,619,862. CULTIVATOR. RICHARD H. GRIFFITH, Richmond, Ind., assignor to The Ohio Cultivator Company, Bellevue, Ohio, a Corporation of Ohio. Filed Mar. 19, 1925. Serial No. 16,702. 10 Claims. (Cl. 97—147.)



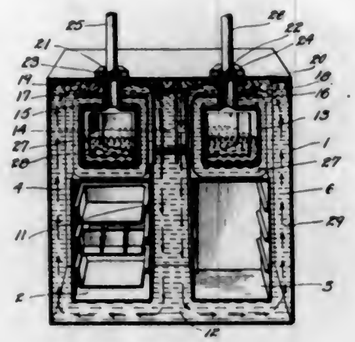
1. In a cultivator, the combination with a wheeled draft frame and shovel beams carried thereby and adapted to act as means for positioning the seat frame, of a seat frame, and connections between the seat frame and such beams whereby such frame is advanced forwardly when the beams are raised and rearwardly when the beams are lowered, such connections including springs which act in one direction to lift on the beams and in the other direction to permit the beams to be lowered.

1,619,863. GRAPHOPHONE NEEDLE. ERNST R. HAASE, New London, Conn. Filed Mar. 5, 1925. Serial No. 13,387. 3 Claims. (Cl. 274—38.)



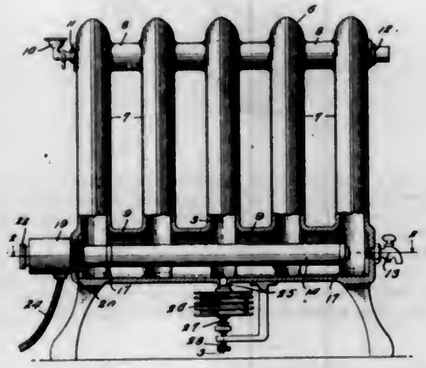
1. A tubular graphophone needle for use with a reproducer, and having a body portion positioned to be inclined toward a record body and bent intermediate its ends to reduce the angular inclination of the lower end of the needle with respect to the record body, said body portion having its lower end gradually reduced in cross-section, an iridum point on the end of the reduced portion and having an angular inclination reverse to the angular inclination of the lower end of the body portion and laterally with respect to said body portion whereby to effectively contact with the groove of a record, and a member adapted to be inserted into the tubular portion of the needle to partially fill the same to intensify the reproduction of tones by the needle without effecting reproduction of stray noises incident to contact of the needle with a record.

1,619,864. COOLING-MEDIUM CONTAINER. CHARLES W. HACK, Topeka, Kans. Filed July 5, 1924. Serial No. 724,213. 6 Claims. (Cl. 62—95.)



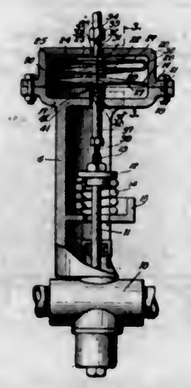
4. In a device of the character described, a container for cooling medium, a ring like conduit for active refrigerant mounted in the upper portion of said container and spaced a substantial distance from the top and sides thereof, said conduit having a central vertical cooling medium opening, and being provided with vertically extending fins projecting laterally therefrom into said opening and toward said side walls, and a pair of cooling compartments spaced a substantial distance from the bottom and side walls of said container below said ring like conduit and having the major portions thereof substantially vertically aligned therewith, said compartments being spaced to provide a cooling medium circulating passageway in alignment with said vertical opening.

1,619,865. ELECTRIC RADIATOR. CECIL A. HEAD, Royal Oak, Mich. Filed May 23, 1923. Serial No. 640,994. 6 Claims. (Cl. 219—38.)



1. In combination with a radiator and a heating element within the radiator to convert water therein into steam; of an expansion chamber outside of the radiator and connected to the lower part of the water space in the radiator, whereby the generation of steam in the radiator and a consequent rise of pressure therein will force water from the radiator into the chamber and reduce the heating effect of the heater by lowering the water in relation thereto.

1,619,866. PRESSURE-ACTUATED-CONTROL DEVICE. HENRY A. HOESCHEN, Omaha, Nebr., assignor of one-half to J. L. Baker, Omaha, Nebr. Filed July 19, 1926. Serial No. 123,352. 9 Claims. (Cl. 137—156.)

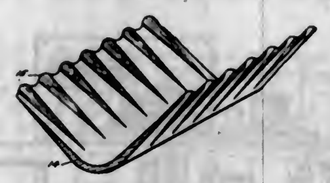


9. In a device of the character described, an expansible tubular element which is bent at intervals of its length to provide the tube with communicating extensible and non-extensible portions, the non-extensible portion being located at the bend.

1,619,867. PRIMER FOR CARTRIDGES. ODUS C. HORNEY, U. S. Army, Philadelphia, Pa. Filed July 17, 1925. Serial No. 44,346. 3 Claims. (Cl. 102—18.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)

3. A primer made of an alloy containing a high percentage of nickel.

1,619,868. TIRE FLAP. EDISON G. HULSE, Cumberland, Md., assignor to Kelly-Springfield Tire Company, Cumberland, Md., a Corporation of New Jersey. Filed Aug. 28, 1925. Serial No. 53,139. 7 Claims. (Cl. 152—20.)



7. A tire flap molded to a trough-like cross sectional contour and longitudinally straight characterized by extensible edge portions formed by an excess of fluted material of greatest amplitude at said edges proportioned whereby said excess is dissipated when the flap is circularly distorted.

1,619,869. METHOD OF TREATING HYDROCARBON OILS. LLOYD E. JACKSON, Pittsburgh, Pa. Filed Oct. 4, 1923. Serial No. 666,619. 2 Claims. (Cl. 196—15.)

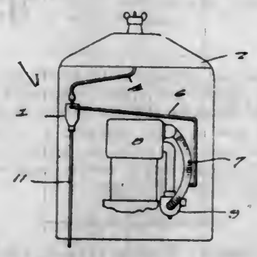
1. The method herein described of removing from a mineral hydrocarbon oil a fatty-acid impurity together with foreign matter in suspension, which consists in adding to the material to be treated a measured quantity of alkali in aqueous solution, sufficient to neutralize the fatty acid present, with a margin of excess not exceeding ten per cent of the amount required to effect exact neutralization, allowing the consequent precipitate to settle carrying with it into sediment the foreign matter in suspension, and separating from such sediment the purified oil.

1,619,870. VALVE-SPRING COMPRESSOR. RICHARD J. KIRKPATRICK, Dodge City, Kans. Filed May 29, 1926. Serial No. 112,660. 4 Claims. (Cl. 29—86.3.)



1. A valve-spring compressor, comprising a frame, including spaced members and a yoke connecting the members and having a portion to engage the coils of the spring to be compressed, a runner slidably mounted upon the spaced members of the frame and including a cross-piece adapted to transmit the compressing force to the spring, an operating lever pivoted to the said frame, and links connecting the operating lever with said runner, the pivot connections between the moving parts being adapted to aline to retain the spring when compressed.

1,619,871. DEVICE FOR SUPPLYING MOISTENED AIR TO INTERNAL-COMBUSTION ENGINES. ROLAND A. LABBE, Onaga, Kans. Filed Mar. 24, 1925. Serial No. 17,963. 1 Claim. (Cl. 123—25.)



A steam collecting device for supplying moistened air from a radiator to an internal combustion engine including a casing having a lower end restricted and merging into a tubular depending extension, a tube extending through the top of the casing and terminating within the casing at a point between the top of the casing and the center thereof, said tube adapted to have its outer end connected with the radiator, one side of said casing being provided with an opening positioned between the top of the casing and the inner terminal of the tube, said opening adapted to receive a pipe leading from the intake manifold of the engine.

1,619,872. SILVER-REENFORCED TABLEWARE AND METHOD OF MAKING THE SAME. THOMAS B. LASHAR, Fairfield, Conn., and THOMAS H. LASHAR, Chicago, Ill., assignors to Associated Silver Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 18, 1925. Serial No. 24,225. 11 Claims. (Cl. 76—105.)

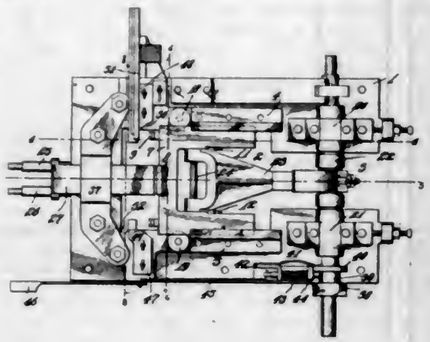
1. That step in the process of manufacturing articles which consists in providing a blank of base metal, die punching a depression in a surface of the base metal blank which slopes entirely about the periphery of the de-

pression on a gradual taper into the surface of the blank in which the depression is formed, and fusing precious metal in the depression to the base metal so that the exposed surfaces of the base and precious metals are substantially flush.



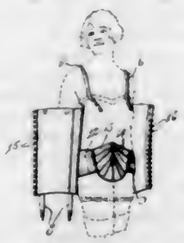
9. An article of manufacture including a piece of base metal provided with a depression therein, protuberances extending outwardly of and disposed within the depression in diverging relation toward their outer ends, and a precious metal filling in said depression covering said protuberances and anchored thereby in said depression.

1,619,873. BAND-BENDING AND BUCKLE-ATTACHING MACHINE. MORTIMER P. LAWTON, Atlanta, Ga., assignor to Atlantic Steel Company, Atlanta, Ga. Filed June 15, 1926. Serial No. 116,190. 17 Claims. (Cl. 153—1.)



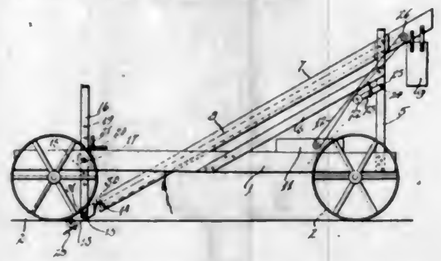
1. A machine for preparing the bands for use and for connecting the same to a buckle, comprising a bed plate, a ram slidably arranged thereon, means mounted on and movable with said ram for carrying a tie band; means arranged upon said bed plate for bending the opposite ends of said tie band whereby the tie band is formed into a substantially U-shaped staple.

1,619,874. CORSET. ADOLPH LIPMAN, Chicago, Ill., assignor to Venus Brassière Co., Chicago, Ill., a Corporation of Illinois. Filed Apr. 20, 1925. Serial No. 24,609. 1 Claim. (Cl. 2—27.)



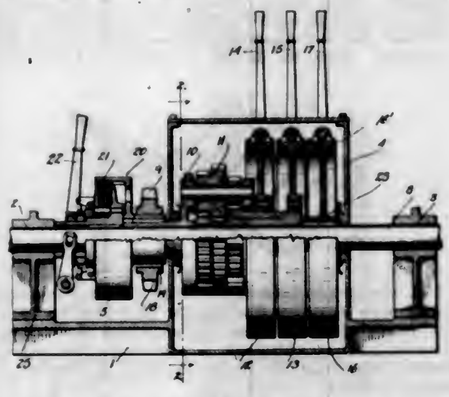
An undergarment comprising a brassière portion, a girdle portion, an intermediate elastic portion secured to said girdle portion and said brassière portion and extending across the back from one side of the garment to the other, an abdominal supporting member, an elastic webbing secured to each side of said abdominal supporting member and to the interior of the garment, said abdominal supporting member having a central stiffening strip terminating below the waist line, and auxiliary strips secured to said central strip and being inclined downwardly and outwardly with respect to the central strip.

1,619,875. EXCAVATING MACHINE. THOMAS LAWRENCE LOFTUS, Denver, Colo., assignor to Ellen Virginia Timm, Denver, Colo. Filed Jan. 25, 1926. Serial No. 83,695. 1 Claim. (Cl. 37—101.)



An excavator comprising a frame, wheels for supporting said frame, a digging point, cutter discs adjustably carried by said digging point, cutters carried by said digging point, means for adjusting said digging point with respect to said frame, a conveyor hingedly secured at one end to said digging point and pivotally carried by said frame, an endless belt carried by said conveyor, means for actuating said endless belt, a chute disposed beneath the free end of said conveyor a sufficient distance above said frame to permit the substance carried by the conveyor to be emptied into the chute.

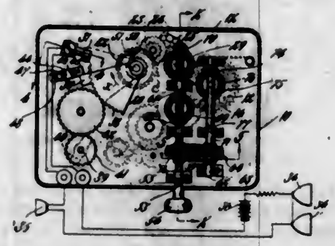
1,619,876. POWER TRANSMISSION. RICHARD C. MASON, Tulsa, Okla. Filed Apr. 27, 1925. Serial No. 26,088. 2 Claims. (Cl. 74—34.)



1. In combination, two spaced aligning bearings, a shaft mounted in said bearings, a planetary gear carried loose on the shaft, means for driving the carrier about the shaft, transmission bands on the shaft having means for operatively connecting and disconnecting the shaft to the planetary gearing, and means on the shaft for directly connecting the driving means to the shaft.

1,619,877. AUTOMATIC SWITCH. CHARLES L. MELHINCH, Carbondale, Pa. Filed Dec. 29, 1923. Serial No. 683,345. 1 Claim. (Cl. 200—35.)

An alarm clock, comprising alarm mechanism including a driving spring, an arbor rotatable thereby; means for timing the release of the alarm mechanism including a rotatively adjustable setting shaft; and time mechanism which includes a driving spring, a spring-winding shaft and a center shaft constituting an element of hands-setting means; a switch arm fixed to and movable by said arbor; circuit terminals adapted to cooperate with said arm in closing an electric circuit, when the alarm mechanism is released; and operating mechanism for manually and separately operating said shafts to time the release of the alarm mechanism, set the hands, and wind the time-



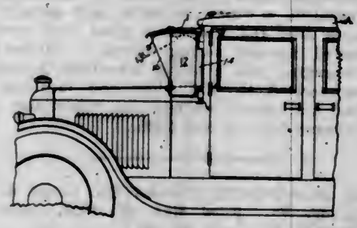
mechanism spring, said operating mechanism including a single operating shaft which is manually rotatable and movable endwise, torque-transmitting connections between said operating shaft and the said alarm setting and center shafts, having provisions for turning said shafts selectively when the operating shaft is turned in a given direction, and torque-transmitting connections between the operating shaft and the spring-winding shaft, having provisions for turning the latter when the operating shaft is turned in the opposite direction.

1,619,878. DOSAGE SPOON. HARRY D. MORGAN and FRANKLIN P. BUSHEY, San Francisco, Calif.; said Bushey assignor to said Morgan. Filed Nov. 13, 1924. Serial No. 749,592. 8 Claims. (Cl. 30—22.)



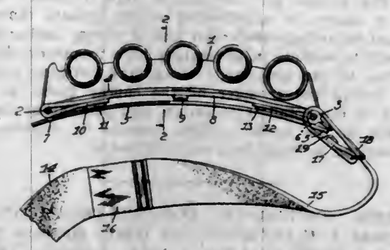
1. A spoon comprising a bowl and a handle, said handle having its outer extremity bent downward to serve as a supporting leg, the lower extremity of which leg is disposed in substantially the same horizontal plane as the lower side of the bowl and flanges depending from the handle intermediate of its ends and serving as a grip portion.

1,619,879. COMBINED SIDE WING AND SUN AND RAIN SHIELD FOR AUTOMOBILES. SHOICHI NAKAGAWA, San Jose, Calif. Filed Feb. 2, 1926. Serial No. 85,431. 5 Claims. (Cl. 296—95.)



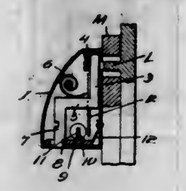
1. A sun and rain shield for automobiles comprising a plate adapted to be secured to the upper portion of a windshield of an automobile and to project outwardly therefrom, glass side shields detachably joined to the ends of said plate and extending downwardly therefrom, frames supporting said upright glass side shields disposed adjacent the ends of said plate, which side shields are movable vertically into and out of position of engagement with said plate and means for rotatably and vertically adjustably supporting said side shields providing for movement of the side shields into position extending outwardly and rearwardly from the sides of the automobile.

1,619,880. MONEY-CHANGER HOLDER. FRANK F. NEAL, Chicago, Ill., assignor of one-half to Frank W. Neal, Chicago, Ill. Filed July 26, 1926. Serial No. 125,012. 1 Claim. (Cl. 224—5.)



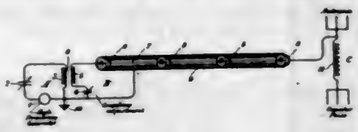
The combination with a money changer having rods disposed at each end thereof, of a money changer holder comprising a strap having its ends removably secured to said rods, a guard removably secured to said strap and having relatively large elongated slots in each end thereof, a belt having two substantially identical parts secured together by a buckle, and adjustable catches disposed upon each of said parts, the free ends of said parts being passed around said rods through said openings and removably secured to said catches.

1,619,881. LOCK. MATT A. O'BRANOVICH, Tabasco, Colo. Filed July 28, 1924. Serial No. 728,803. 1 Claim. (Cl. 70—14.)



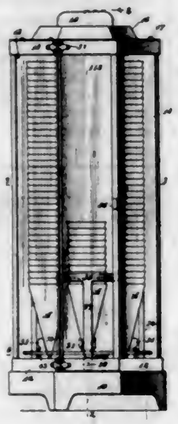
A lock comprising a casing having an opening formed in its front for passage of the part to be locked, guide strips secured to the interior of the side walls of the casing and disposed in spaced parallelism to the front wall, a locking bolt slidably mounted in the guideways formed between the guide strips and said front wall, the lower end portion of said bolt extending rearwardly at right angles, a spring mounted in the casing and cooperative with said angularly directed end portion of the bolt for moving the latter normally downward, an integral depending guide stem connected with the right angular portion of the bolt and having its free end projectible thru an opening in the bottom of the casing, a tumbler plate slidably arranged in the casing upon the interior of the bottom of the latter and engageable with a notch formed in said guide stem, a shoulder on said tumbler plate with which a key is adapted to be engaged for moving the plate in one direction, and spring means in the casing and acting on the plate for moving it in an opposite direction.

1,619,882. MEANS FOR TRANSFERRING HIGH-FREQUENCY ENERGY. RUSSELL S. OHL, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 4, 1924. Serial No. 753,945. 3 Claims. (Cl. 250—17.)



1. The method for transferring high frequency energy from a source to a radiating circuit remote therefrom without incurring substantial loss of energy during transfer, which consists in generating high frequency current, stepping up the generated voltage and reducing the current during the transfer of the energy from the said source to the point of radiation, and preventing the dissipation of the energy during transfer by shielding the transferring medium from external bodies.

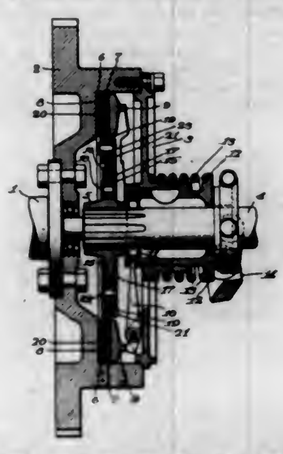
1,619,883. CONTAINER FOR ICE-CREAM CONES. ALBERT J. PUKT, Boston, and ISRAEL HENDLIN, South Boston, Mass. Filed Nov. 7, 1924. Serial No. 748,432. 1 Claim. (Cl. 211—8.)



A container including an outer structure, an inner structure having concave vertical channels adapted to accommodate ice-cream cones in stacks, a door in said outer structure, and a device to center a stack of cones at the door, said device consisting of a vertical strip held to the fixed structure and having a head at the upper end to engage the cones, said head having cross arms adapted to be flexed by engagement of the cones.

1,619,884. CLUTCH. HAROLD V. REED, Chicago, Ill., assignor to The Borg & Beck Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 14, 1925. Serial No. 50,167. 4 Claims. (Cl. 192—68.)

1. In a clutch, a friction element comprising a hub adapted to be splined upon a shaft and having a peripheral flange, an inner section secured to said flange on one side thereof, an inner rivet ring secured to the other side thereof, rivets passing through said inner section, said flange and said rivet ring, a flexible cushioning member disposed between said inner section and said rivet ring beyond the edge of said flange, rivets



passing through said inner section, said flexible member and said inner rivet ring, and an outer section secured to said flexible member.

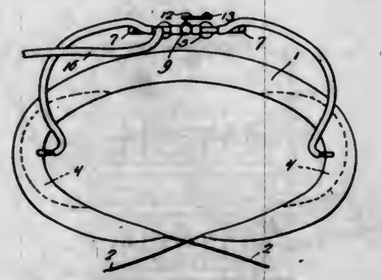
1,619,885. WINDSHIELD CLEANER. LE ROY RUCKEL, Stamford, Conn. Filed Apr. 9, 1923. Serial No. 630,933. 1 Claim. (Cl. 15—255.)



A windshield cleaner comprising a support mounted on a windshield, a wiper carried by said support to be reciprocated over the windshield glass and comprising an elongated metallic casing having a flattened face directly engaging said glass, a convoluted heating element incorporated in said wiper and insulated from the casing, and means whereby the wiper may be actuated, substantially as set forth.

1,619,886. DIAGNOSTIC APPARATUS. DORSY M. RYAN, Hinton, W. Va. Filed Mar. 24, 1926. Serial No. 97,057. 4 Claims. (Cl. 73—44.)

1. An apparatus of the class described comprising a flexible envelope adapted to be secured about the chest, a flexible inflatable tube arranged in said envelope and extending practically throughout the length thereof, flexible inflatable air containers also arranged in said envelope, mercury pots, graduated columns in connection with said pots, a conduit between the pipes, a second conduit connected with the pots, and having branches in connection



with the inflatable tube and the inflatable containers, a valve intermediate the ends of the first conduit, a valve in the second conduit, and means for actuating the valves in the conduit simultaneously.

1,619,887. PAPER-BAG-SEALING MEANS. CASIAH SAPP, Enterprise, Oreg. Filed June 17, 1924. Serial No. 720,693. 1 Claim. (Cl. 229—62.)



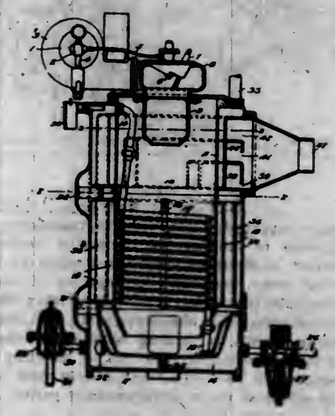
The combination with a flexible receptacle having one end open and adapted to be folded upon itself to close the same, of a longitudinal flexible strip extending the entire length of the receptacle and having both ends permanently attached thereto, the strip being provided with parallel weakened lines and a transverse weakened line, the latter being disposed in close proximity to the open end of the receptacle and adapted to be torn transversely to free one end of the strip, the strip being further adapted to be torn along the parallel weakened lines to provide a pair of parallel securing tapes adapted to be affixed to one wall of the receptacle, when the latter has been filled with merchandise and closed.

1,619,888. FLOWER HOLDER. WILLIAM F. SCHMEISER, Binghamton, N. Y. Filed Oct. 11, 1923. Serial No. 668,016. 1 Claim. (Cl. 24—5.)



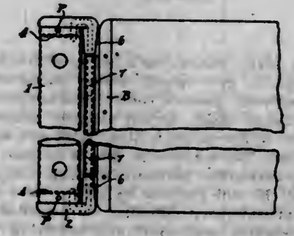
A flower holder formed of springy, resilient material bent so as to form two oppositely disposed jaws, spring controlled lever members for operating the jaws and prongs extending downwardly from the lever members and disposed therebetween, said prongs being formed of round wire and corrugated in parallel so that the corrugations of one prong will rest within the corrugations of the other prong when closed and frictionally engage the turf in which the prongs are inserted.

1,619,889. OIL-BURNER BOILER. LEWIS L. SCOTT, St. Louis, Mo. Filed Feb. 4, 1925. Serial No. 6,910. 7 Claims. (Cl. 122—182.)



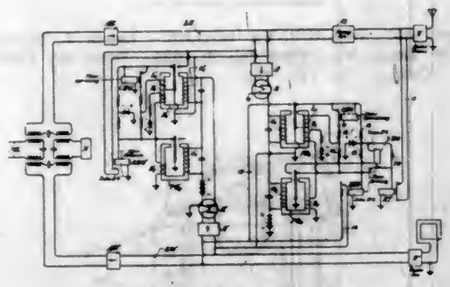
1. In a boiler, the combination with a shell having a combustion chamber therein, of a plurality of flues of different lengths communicating with said chamber and with a discharge outlet for the products of combustion, the openings of communication between the flues and said outlet being graduated in size according to the length of the flue, the opening of the shortest flue being smaller as compared with the opening from the longest flue.

1,619,890. PINTLE FOR HINGES. JACOB SILBERMAN, New York, N. Y.; Clara Silberman executrix of said Jacob Silberman, deceased. Filed Dec. 9, 1925. Serial No. 74,333. 1 Claim. (Cl. 129—12.)



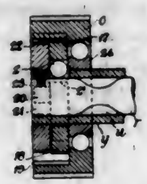
A cap piece for loose leaf binders comprising a base member, a plug on one face of the base member spaced marginally therefrom throughout its extent to fit snugly within the end of a binding bar with the end edge of the bar bearing against said face, a post projecting from said face of the base member in spaced relation to one end of the plug, and a pintle wire having a leg embedded axially in the post with one end projecting therefrom, a second leg embedded in and extending into the plug, and a portion connecting the legs and embedded in the base member between the opposite faces of the same and reinforcing the base member between the post and the plug.

1,619,891. ECHO-SUPPRESSOR RELAY. HAROLD C. SILENT, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed July 8, 1925. Serial No. 42,288. 12 Claims. (Cl. 178—44.)



1. An echo suppressor comprising a translator, a first relay responsive to impulses of translated current from said translator, a disabling circuit controlled by said relay, a second relay responsive to impulses of translated current from said translator, a hang-over relay controlled by said second relay, said hang-over relay also controlling said disabling circuit, a locking winding for said first relay, and means including said locking winding operating in response to the actuation of said first relay to maintain it actuated for a predetermined period of time.

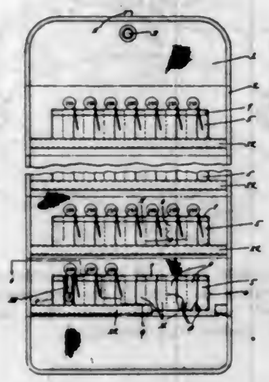
1,619,892. CLUTCH DEVICE. WILLIAM CHARLES SMITH, Bristol, England. Filed Apr. 13, 1925, Serial No. 22,820, and in Great Britain Apr. 15, 1924. 3 Claims. (Cl. 192—71.)



1. A clutch device comprising a hollow shaft, with a peripheral orifice, a gear wheel loosely mounted on the shaft, a transversely grooved control rod adapted to slide in the said hollow shaft, a ball element housed in the said peripheral orifice of the hollow shaft and adapted to partly sink into the transverse groove of said rod and to be forced outwardly partially through the orifice in said shaft by the full portions of said control rod when same is displaced longitudinally, a detached slidable member surrounding said shaft and revolving therewith and bearing against said ball element, resilient elements urging said slidable member against the ball element in the orifice of the shaft, and a projection on the said slidable member adapted to engage a corresponding recess on the gear wheel.

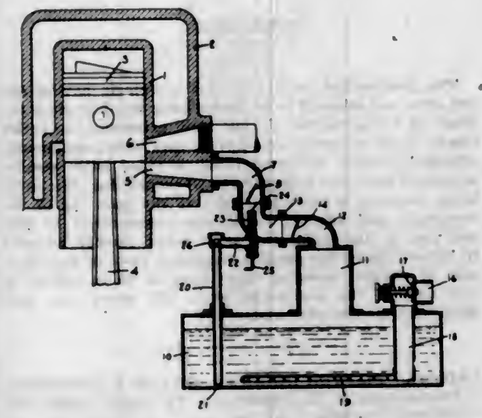
1,619,893. HOLDER FOR LAUNDRY MARKING PINS. BRUNO P. STOER, Cleveland, Ohio. Filed Oct. 6, 1922. Serial No. 592,894. 3 Claims. (Cl. 150—34.)

1. A marking pin holder, comprising a body portion, and a flexible strip suitably secured thereto along lines of securement to produce a series of pocket forming members, said lines of securement being more remotely spaced along the strip than along the body portion to provide fullness in each pocket forming member, the material of all of said members being crowded or folded over laterally in the same direction into pleated or



shingled relation, and means at one end of said members for closing the same and securing them in pleated relation, whereby the successive pockets lie in planes inclined to the plane of the body portion.

1,619,894. CARBURETOR. IRA T. SWARTZ, Indianapolis, Ind., assignor, by mesne assignments, to Ira T. Swartz, trustee, Indianapolis, Ind. Filed Mar. 1, 1920. Serial No. 362,591. 2 Claims. (Cl. 261—122.)

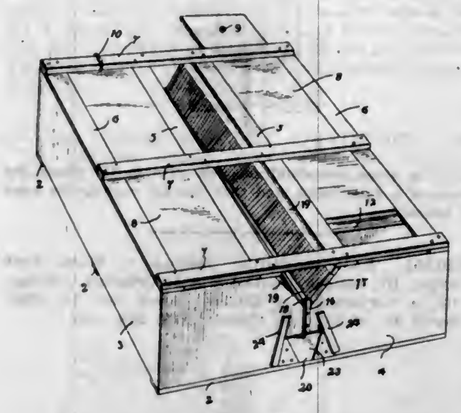


1. A charge-forming device comprising a fuel tank having a dome, a pipe leading from said dome to an internal combustion engine, means for admitting air beneath the level of the fuel in said tank, and a spray nozzle extending into said pipe from said tank the passages through said pipe and said spray nozzle being open at all times to the suction of the engine, substantially as set forth.

1,619,895. SHIPPING CRATE FOR ANIMALS. BENJAMIN F. TARMAN, Quincy, Pa. Filed Aug. 3, 1926. Serial No. 126,896. 9 Claims. (Cl. 119—19.)

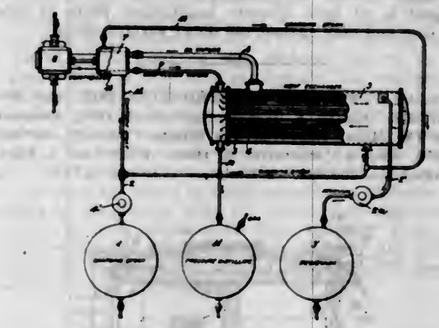
6. An animal crate comprising a body portion, a partition dividing said body into separate compartments, said

partition being of less height than said body, gratings extending upwardly from said partition and forming perforated upper wall portions spaced from each other



and constituting ventilators, and a trough extending beneath the said partition and constituting food holders in the compartments at opposite sides of the partition.

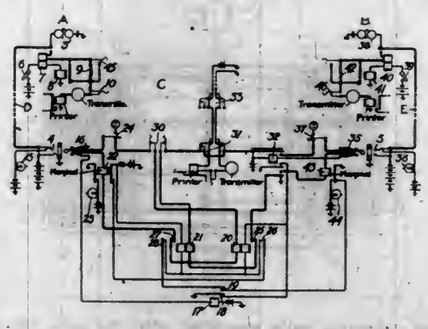
1,619,896. PROCESS FOR CONVERTING OR CRACKING HYDROCARBON OILS. WALTER EDWIN TRENT, Washington, D. C., assignor to Trent Process Corporation, New York, N. Y., a Corporation of Delaware. Filed Sept. 27, 1924. Serial No. 740,383. 5 Claims. (Cl. 196—61.)



1. A process of oil conversion, consisting in passing charging stock through a heat interchanger where a portion thereof is vaporised, in subjecting said heated vapors to a compression sufficient to raise the same to a cracking temperature, and in passing said vapors to said heat interchanger to supply heat to vaporize the charging stock.

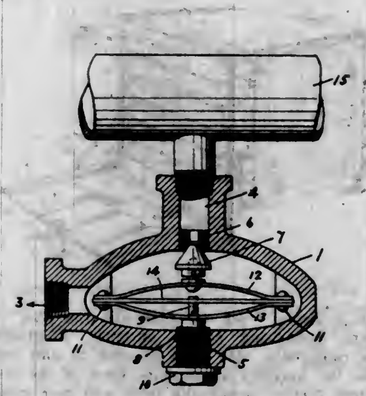
1,619,897. PRINTING-TELEGRAPH-EXCHANGE SYSTEM. GILBERT S. VERNAM, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 23, 1922. Serial No. 608,727. 6 Claims. (Cl. 178—2.)

1. A printing telegraph system comprising a plurality of printing telegraph subscriber's lines terminating at a central office, link circuits at the central office for connecting any of the subscribers' lines with any other subscriber's line, relay means in each link circuit operative in accordance with the transmitted impulses for repeating impulses between connected lines, and other means in each link circuit cooperating with said relay



means for reforming received impulses to insure the repetition thereof in the same form as originally transmitted.

1,619,898. STEAM TRAP. FREDERICK THOMAS, Philadelphia, Pa. Filed July 30, 1926. Serial No. 125,897. 1 Claim. (Cl. 236—59.)

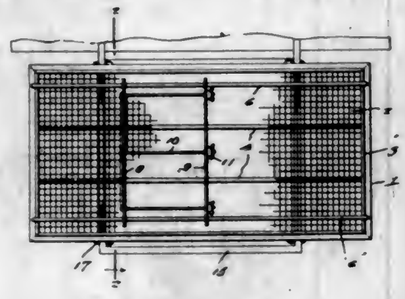


A steam trap including a hollow body provided with a water outlet and with two opposed and aligned openings of which one is a water inlet opening and of which the other constitutes a threaded support opening, a valve seat arranged in the inlet opening, a valve for said seat, a screw plug arranged in the support opening and provided with an extension projecting into said body, and strips of metal differing in thermal coefficient and connected at their ends of which the outside strips are connected with said valve and with the screw plug and of which the inside strip is guided by said extension.

1,619,899. BLACKBOARD-ERASER CLEANER. LEONORA H. WARD, Weatherford, Okla. Filed Dec. 28, 1925. Serial No. 78,039. 3 Claims. (Cl. 15—142.)

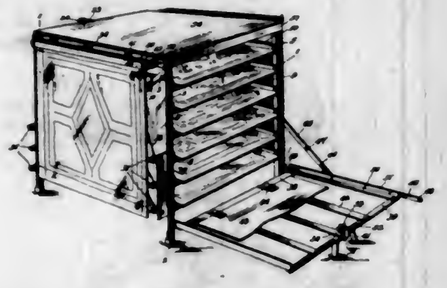
1. A device for cleaning black board erasers comprising a substantially rectangular frame, a grating supported thereon, a pair of longitudinally extending guide rods supported at their respective ends on the ends of the frame adjacent the sides of the latter, said guide rods being spaced above the grating, and eraser holding means adapted for reciprocatory movement across the

grating, said means including a pair of spaced bars, the ends thereof being provided with openings whereby said bars are adapted for slidable movement on the guide



rods, adjusting bolts associated with the bars, the bottoms of the erasers being adapted to rub across the grating when the eraser holding means is actuated.

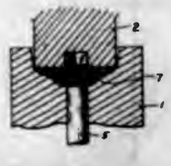
1,619,900. DISPLAY RACK. RICHARD WARREN, Washington, D. C. Filed Apr. 10, 1926. Serial No. 101,125. 9 Claims. (Cl. 211—14.)



1. In a display rack for rugs and the like, a frame structure comprising corner uprights, a plurality of shelves comprising side rails secured to and extending between the uprights at opposite sides of the structure, each shelf further comprising front and rear cross members extending between the front and rear uprights respectively and a plurality of bottom strips extending parallel to and between the side rails, the shelves being arranged one above another and spaced whereby the rugs to be displayed may be supported flatwise thereon, a clamp slidably mounted upon each shelf and guided between the side rails thereof and embodying means for clamping engagement with the margin of a rug disposed upon the respective shelf, counterweights, and connections between the counterweights and respective ones of the clamps, the said counterweights and connections constituting means for yieldably holding the clamps in retracted position upon the shelves and likewise constituting means for retracting the clamps and the rugs connected therewith upon withdrawal of the rugs over the shelves and release of the rugs.

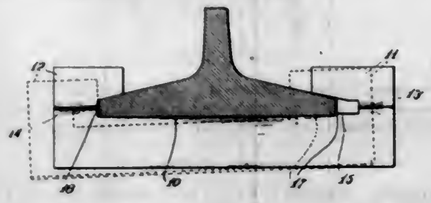
1,619,901. METHOD OF MAKING TWO-PIECE VALVES. WILLIAM H. WASHBURNE, Chicago, Ill., assignor to The Oliver Typewriter Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 23, 1922. Serial No. 538,548. 11 Claims. (Cl. 29—156.7.)

1. The method of making a two-part valve which consists in inserting a stem into a hole of larger diameter in a heated valve-head blank, then forging the blank to cause the metal to flow into intimate contact



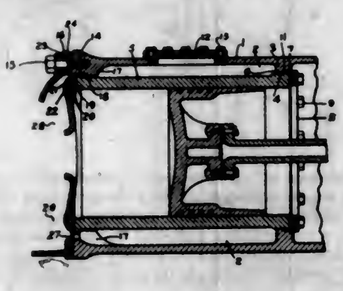
with the stem and simultaneously give to the blank the shape of a valve head, and then quickly cooling the head by quenching.

1,619,902. RAIL ANCHOR. HAROLD G. WARR, Park Ridge, Ill., assignor to The P & M Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 13, 1926. Serial No. 80,982. 18 Claims. (Cl. 238—330.)



1. A rail anchor adapted to be moved bodily relative to the rail to its rail gripping position comprising a yoke member, the body portion of which is formed with a substantially straight upper edge adapted to bear against the bottom surface of a rail base, and provided at opposite ends with angularly disposed jaw portions adapted to fit over opposite longitudinal edges of said rail base and bear against the upper surface thereof.

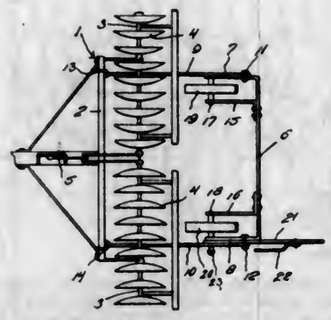
1,619,903. CYLINDER CONSTRUCTION FOR GAS ENGINES. ELMER A. WATTS, Springfield, Ohio, assignor to The Miller Improved Gas Engine Company, Springfield, Ohio, a Corporation of Ohio. Filed Dec. 1, 1924. Serial No. 753,321. 3 Claims. (Cl. 123—173.)



1. In an internal combustion engine, a main casing having an enlarged annular portion at one end extending inwardly and outwardly and having an outer broad, flat bearing surface, a plurality of inwardly extending depending ribs spaced from one another extending below the inner surface of said enlarged portion, a cylinder liner having a flanged head and consisting of bridges with apertures therebetween projecting above the general level of the liner and adapted to engage with the inner wall of the enlarged portion of the main casing and the forward ends of the ribs, the openings between the ribs and bridges being adapted to coincide, and a cylinder head

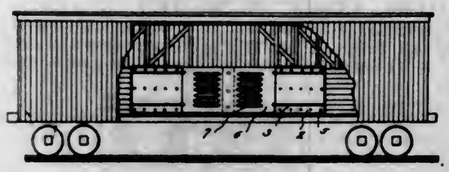
comprising an outer portion and an inner portion, said outer portion having a broad bearing surface with grooves therein, yielding packing members carried in said grooves and extending beyond them to abut against the bearing surface on the main casing, said inner portion of the head having a relatively broad bearing surface to engage the end of the cylinder liner, and a packing member between said head and said liner whereby expansion and contraction of the several parts may take place without danger of leakage.

1,619,904. TRUCK FOR DISK CULTIVATORS. ARNOLD WENNDT, Lowden, Iowa. Filed May 23, 1925. Serial No. 32,348. 1 Claim. (Cl. 280—44.)



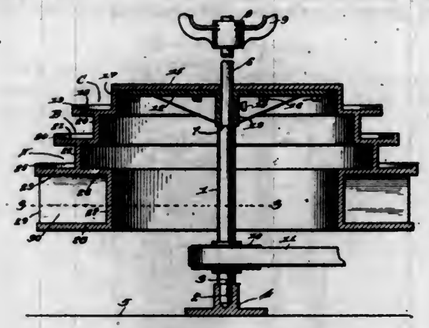
A truck for disk cultivators wherein the disks of the latter are adapted to be raised and lowered, said truck comprising a pair of elongated flat bars, a substantially U-shaped frame having its arms pivotally supported between the rear ends of the bars, a pair of angular brackets secured to the crown portion of the U-shaped frame, the longer arms of said angular brackets being disposed in parallel spaced relation with respect to the respective arms of the U-shaped frame, an axle journaled between each pair of cooperating arms, a ground engaging wheel mounted on each axle, a pair of hooks carried by the forward ends of said bars and adapted for engagement with the frame of the cultivator when the disks are in a raised position, a lever secured to the outer side of one arm of the U-shaped frame whereby said frame is adapted for swinging movement to facilitate the raising and lowering of the ground engaging wheels, and means for securing the frame in a rigid position to maintain the wheels in engagement with the ground, said means comprising an eye member extending laterally from the elongated flat bar which is adjacent the lever, and a hook carried by the lever and adapted for detachable engagement with said eye member.

1,619,905. ADJUSTABLE BULKHEAD. JOSEPH C. WHISLER and CLAYTON R. MCELWEE, Peru, Ind. Filed July 1, 1926. Serial No. 119,904. 5 Claims. (Cl. 105—369.)



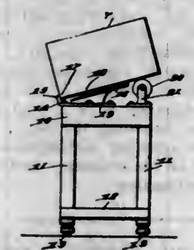
5. In a bulkhead unit, a pair of vertically spaced guide rods adapted for horizontal disposition, blocks slidable on said rods, a gate hingedly connected with said blocks, and means for mounting said guide rods on the wall of a car body.

1,619,906. MOTION STORAGE AND CONVEYING APPARATUS. EDWARD A. WHITE, Lewiston, Idaho. Filed Mar. 30, 1926. Serial No. 98,629. 4 Claims. (Cl. 209—124.)



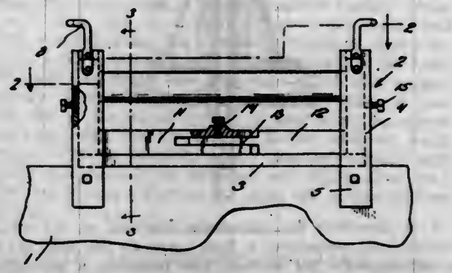
1. A motion storage mechanism comprising, a circular bin body having a plurality of peripherally disposed circular bins in stepped and partially overhanging relation with respect to each other, said bins overhanging radially outwardly toward the periphery of said body.

1,619,907. TRANSPORT STAND. EDWARD A. WHITE, Lewiston, Idaho. Filed Apr. 5, 1926. Serial No. 99,871. 1 Claim. (Cl. 214—84.)



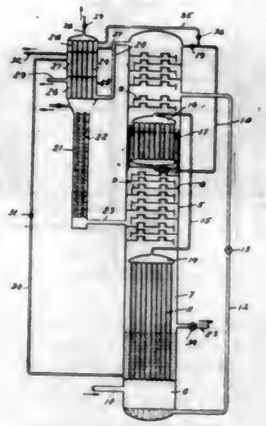
In a transportable box support, a rolling box stand, said stand having loading and unloading box supporting means comprising a roller, and a rest head having an abutment section, said head having an elongated supporting section inclined toward said roller and on which the box may slide down into position.

1,619,908. RAIL-HANDLING DEVICE. JOSEPH WHITE, Columbus, Ohio. Filed Aug. 9, 1926. Serial No. 128,154. 2 Claims. (Cl. 198—42.)



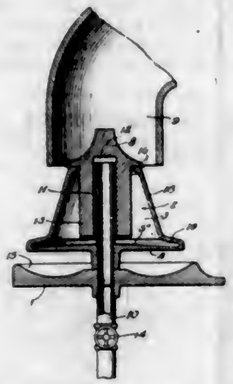
1. In a rail handling device of the class described, a support including uprights having guide channels, a unit including bearing blocks slidable in said channels, a roller carried by said bearing blocks, and adjustable connecting means between the bearing blocks.

1,619,909. SEPARATION OF THE CONSTITUENTS OF TERNARY GASEOUS MIXTURES. WALTER WILKINSON, Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 15, 1925. Serial No. 62,509. 7 Claims. (Cl. 183—115.)



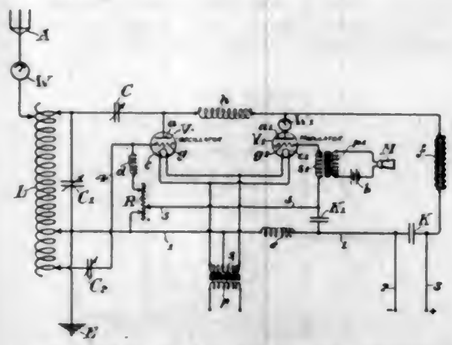
1. The method of separating the constituents of ternary gaseous mixtures, which comprises separating the mixture by primary liquefaction and rectification into a liquid consisting principally of the least volatile constituent and a gas consisting principally of the most volatile constituent, withdrawing vapors containing a constituent of intermediate volatility, subjecting the vapors to a thermally remote auxiliary rectification, liquefying the gaseous product of the auxiliary rectification by heat exchange with a cold product of the primary separation, returning the liquid product of the liquefaction to the auxiliary rectification and returning the liquid product of the auxiliary rectification for use in the primary rectification.

1,619,910. FUEL-OIL BURNER. ANDREW J. WOODCOCK, Wilmette, Ill. Filed Nov. 30, 1925. Serial No. 72,070. 3 Claims. (Cl. 158—53.)



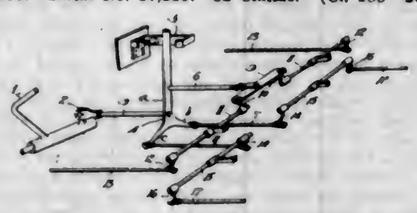
1. A generator for vaporizing the fuel oil for an oil burner and comprising a body open at the top, having a substantially flat bottom, and inclosing a generating chamber, the bottom of the body being accessible to the flame from the generator, an oil fuel supply tube projecting through the bottom of the body and through the chamber therein to the top of the body, and a weighted cap arranged to rest upon the open top of the body to close the same and having an extension projecting into the vaporizing chamber and provided with a recess to receive the oil fuel supply tube, there being a clearance between the walls of said recess and the tube at the side and at the top thereof.

1,619,911. CONTROL METHOD AND APPARATUS. THOMAS APPLEBY, Philadelphia, Pa., assignor of one-third to Cornelius D. Ehret, Philadelphia, Pa. Filed July 6, 1921. Serial No. 482,827. 27 Claims. (Cl. 179—171.)



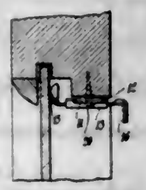
1. The combination with a thermionic oscillator, of a thermionic modulator and a thermionic amplifier, each comprising an anode, grid and cathode, said amplifier controlling the potential of the grid of said modulator, and means for biasing the grid of said amplifier to a potential derived from the grid of said oscillator.

1,619,912. BRAKE-EQUALIZING MECHANISM. PAUL D. BARRETT, San Francisco, Calif. Filed June 15, 1925. Serial No. 37,219. 12 Claims. (Cl. 188—204.)



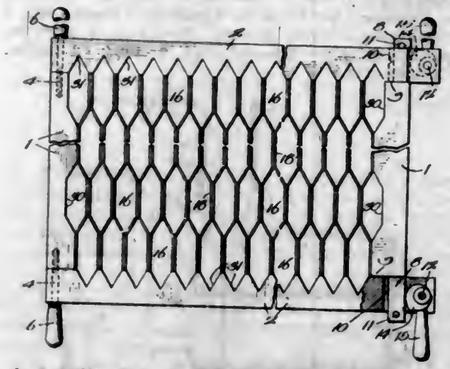
1. A four wheel brake pressure compensating mechanism with transmission from a common operating member through said compensating mechanism to the braking members of all four wheels, said compensating mechanism comprising a unitary means for equalizing between one pair of brakes and simultaneously maintaining a ratio of braking pressures between the two pairs of brakes.

1,619,913. ANTIRATTLING DEVICE. SAMUEL BARUCH, New York, N. Y. Filed May 28, 1926. Serial No. 112,203. 4 Claims. (Cl. 291—145.)



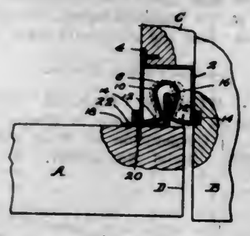
1. An anti-rattling device including a pair of sheet metal plates secured together and so formed as to provide a guideway therebetween, one of said plates having a lug projecting into said guideway and a slide movable in said guideway and having an aperture adapted to receive said lug, said slide being of less thickness than said guideway, and resilient means for holding said slide against the plate having said lug.

1,619,914. MULTICELLULAR MOLD. DOMINIK M. BERNOTOW, Chicago, Ill., assignor to Bunte Brothers, Chicago, Ill., a Corporation of Illinois. Filed Mar. 2, 1922. Serial No. 540,437. 4 Claims. (Cl. 107—19.)



1. A multi-cellular mold having a frame and a plurality of removable partitions therein running, in the main, parallel to each other, each partition having bends for creating mold spaces between it and the adjacent partition, and the frame having recesses formed in the inner surfaces corresponding to the configuration of the partitions to thereby complete each mold cavity and prevent the formation of partial castings.

1,619,915. WEATHER STRIP AND GUIDE. FRED W. BRAZELL and OTIS W. BRAZELL, Kansas City, Mo. Filed June 12, 1925. Serial No. 36,647. 1 Claim. (Cl. 20—69.)



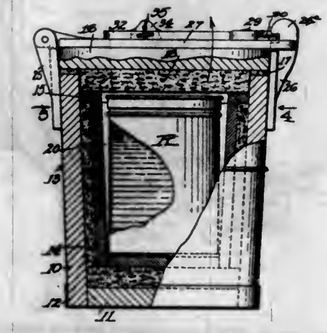
A device of the character described consisting of a channel portion, and a loop portion which latter is spaced from and projects into the former and has oppositely curved guide wings of substantial width connected to the margins of said channel portion.

1,619,916. RETAINER FOR AUTOMOBILE CUSHIONS. WILLIAM BREWSTER, New York, N. Y. Filed Feb. 4, 1926. Serial No. 85,903. 1 Claim. (Cl. 155—179.)



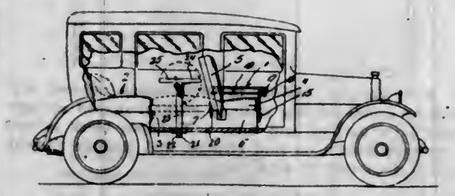
A cushion retainer for automobile seats, including a block, and means to attach the block to the front portion of the base of the seat frame, the block being of tapering formation so as to removably and conformably engage the adjacent volute springs of the cushion frame and being of substantial length so as to engage a substantial length of said spring thereby to prevent forward shifting of the cushion frame, by having binding engagement with the spring throughout the length of the block.

1,619,917. SHIPPING CONTAINER. WILLIAM R. BROWN, Wichendon, Mass. Filed Sept. 4, 1925. Serial No. 54,429. 5 Claims. (Cl. 217—5.)



4. A shipping container comprising a casing having a gasket of packing material over its upper edge and having a hinge plate and a hook plate secured to said upper edge, an inner casing for said container, a cover having a disc of compressible material on its lower face, a bar secured to said cover and pivoted to said hinge plate, and means coacting with said bar and hook plate to compress the packing and disc and thereby form a seal between the cover and the casings and means on said bar to secure the cover in position.

1,619,918. AUTOMOBILE BODY. FRANK BUNEVAC, South Bend, Ind. Filed May 3, 1926. Serial No. 106,415. 1 Claim. (Cl. 155—7.)

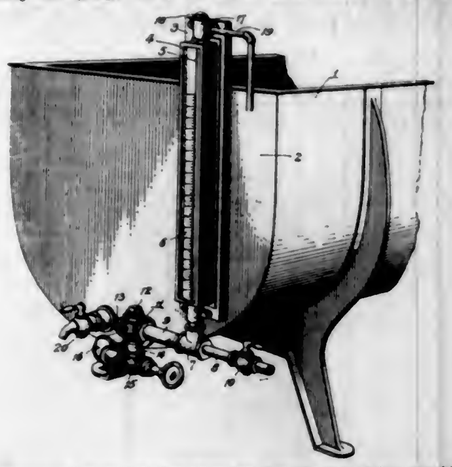


In a structure of the class described, an automobile seat comprising a base, a cushion resting upon said base, said base being provided with a recess, a hingedly mounted back rest having an extension on its lower end projecting into said recess, a screw threaded socket carried by said back rest, a pocket in association with said socket, a substantially right angular retaining device including a horizontal arm and a depending leg, the horizontal arm having its free end disposed in such pocket, a keeper carried by the base portion of the seat, the lower end of the depending leg of said retaining device being removably received in said keeper, said leg being provided with an opening, a bolt passing through said opening and having its threaded end fitting into said socket and having a head on its outer end resting against said leg.

1,619,919. LIQUID-MEASURING GAUGE. JOSEPH COOK, Chicago, Ill., assignor to Blue Valley Creamery Company, Chicago, Ill., a Corporation of Delaware. Filed Oct. 12, 1925. Serial No. 61,903. 5 Claims. (Cl. 73—54.)

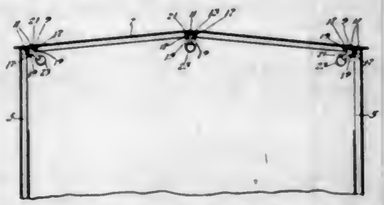
1. The method therein described of measuring a supply of liquid contained within a receptacle provided with

a gauge tube having at its lower end a valve-controlled connection with the receptacle, which method consists in filling the gauge tube, with its valve closed, to a pre-



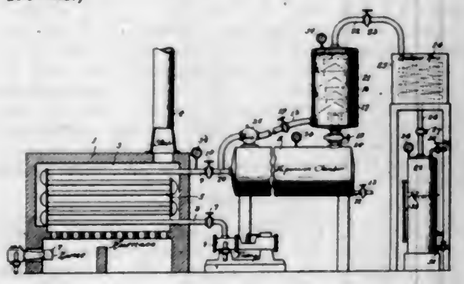
determined point with measuring liquid of heavier specific gravity than the liquid to be measured, then opening the valve to permit the measuring liquid in the tube to flow to the bottom of the receptacle.

1,619,920. FREIGHT CAR. EARL T. CUNNINGHAM, Lansing, Mich. Filed May 2, 1925. Serial No. 27,519. 5 Claims. (Cl. 105—355.)



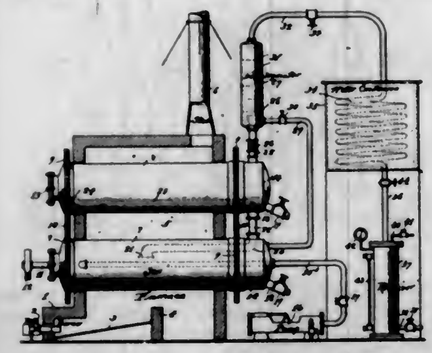
1. A freight car having, in combination, a roof supported by a pair of side walls, a channel shaped stringer supporting a part of said roof, a T-shaped block carried by inturned flanges on said stringer and slidable therein, and a ring carried by said block.

1,619,921. PROCESS OF CRACKING PETROLEUM OIL. GUSTAV EGLOFF, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Dec. 13, 1920, Serial No. 430,126. Renewed June 9, 1926. 3 Claims. (Cl. 196—48.)



1. A process of cracking oil, consisting in passing the oil through a heating zone where it is subjected to the action of heat and pressure, delivering it through a transfer line in substantially liquid form to an expansion chamber where vaporization takes place, taking off the vapors from the end of the expansion chamber remote from its connection with the transfer line, subjecting such vapors to reflux condensation and returning the reflux condensate to said transfer line, where it is mixed with the heated oil and the combined mixture then passed to the expansion chamber.

1,619,922. APPARATUS FOR CRACKING OIL. GUSTAV EGLOFF and HARRY P. BENNER, Chicago, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Sept. 1, 1920, Serial No. 407,402. Renewed Sept. 2, 1926. 6 Claims. (Cl. 196—112.)



5. In an apparatus for treating oil, the combination with a rotating still member having a non-rotating part, a vapor chamber having a main rotating part and a non-rotating part connected therewith, means connecting said still and said vapor chamber whereby they rotate in unison, an oil inlet to said still, a residuum discharge from the non-rotating part thereof, a vapor discharge from said still leading outwardly therefrom through the non-rotating part and entering said vapor chamber through an opening in the stationary part thereof for transferring the vapors from the still to the vapor chamber, and means for discharging vapors from the stationary part of the vapor chamber.

1,619,923. WINDOW CHANNEL STRIP. HENRY FAUROT, Chicago, Ill., assignor to Western Felt Works, Chicago, Ill., a Corporation of West Virginia. Filed Aug. 26, 1925. Serial No. 52,507. 2 Claims. (Cl. 296—44.5.)

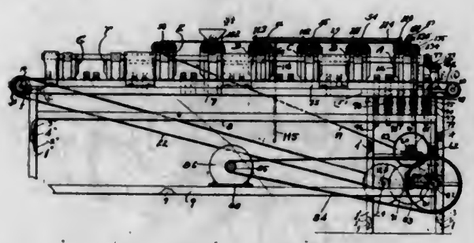


1. A channel strip comprising, a fibre filler having a loosely woven fabric covering the face thereof to be presented toward the glass, said fibre being intermeshed with said fabric, and a felt cover for said filler and fabric surrounding said filler and fabric.

1,619,924. RAIL FILLER. ALBERT C. FISCHER, Chicago, Ill. Filed Dec. 12, 1925. Serial No. 75,151. 2 Claims. (Cl. 238—9.)

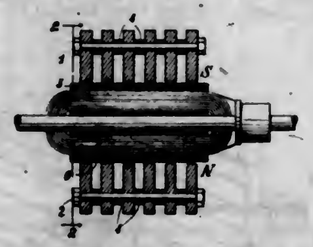
1. A rail filler of the class described, comprising a preformed block-like member comprising a homogeneous mixture of bituminous material and ground corn cob.

1,619,925. MACHINE FOR WASHING, CLEANING, WAXING, AND POLISHING SHEET MATERIAL. JAMES. FLOCKHART, San Francisco, Calif. Filed Dec. 8, 1925. Serial No. 74,218. 9 Claims. (Cl. 91—39.)



1. A machine of the class described comprising a frame, an endless apron therein, a series of rollers bearing upon said endless apron, a plurality of polishers bearing upon said apron, means to reciprocate the polishers over the apron, a cloth extending around each polisher, means to supply certain of the cloths with a cleaning fluid, a hopper for supplying one of the cloths with a wax, and means to cause the cloth to travel to present a fresh surface to the materials being treated upon the endless apron.

1,619,926. MAGNETO-ELECTRIC MACHINE. ADOLF FRIEDRICH GERDES, Berlin, Germany. Filed Feb. 1, 1922, Serial No. 533,394, and in Germany June 20, 1916. 3 Claims. (Cl. 171—209.)



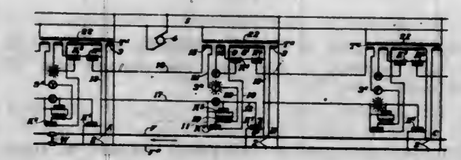
1. In a magneto-electric machine, a field magnet structure and an armature coacting with the pole pieces thereof, said structure consisting of a plurality of independent magnets each composed of a plurality of parts adjustably connected together, said magnets being magnetically insulated from each other and each separated from adjacent magnets by a distance greater than that which separates the pole pieces from the armature, said armature being composed of a plurality of insulated aggregates each coacting with one of the magnets.

1,619,927. LEAD PENCIL. MICHAEL F. GLENNON, Glen Ridge, N. J. Filed Feb. 4, 1926. Serial No. 85,827. 12 Claims. (Cl. 120—18.)



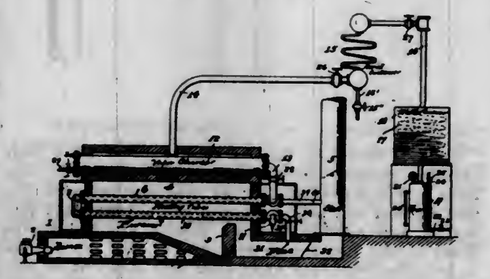
2. In a lead pencil, the combination with tip and holder portions fitted detachably together and relatively rotatable, said tip portion having a bore for holding a lead, of plunger means for manually projecting the lead, said plunger means comprising a threaded stem adapted to act against the upper end of the lead, and a threaded runner movable along the stem in accordance with the desired forward adjustments of the lead, means whereby one of the portions aforesaid acts to hold one of the plunger portions from rotation, while the other of the portions first mentioned serves to cause rotation of the other of the plunger parts.

1,619,928. RAILWAY SIGNALING. LARS O. GRONDAHL, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Dec. 9, 1921, Serial No. 521,147. Renewed Aug. 2, 1926. 11 Claims. (Cl. 246—34.)



3. In combination, a stretch of railway track comprising a plurality of successive sections, signals for said sections, and train-controlled means for governing said signals comprising thermo-sensitive relays each made up of a heater and a thermo-sensitive element and all such thermo-sensitive elements having negative temperature coefficients.

1,619,929. APPARATUS FOR TREATING PETROLEUM OIL. HIRAM J. HALLE, New York, N. Y., assignor to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Sept. 1, 1920, Serial No. 407,329. Renewed Sept. 18, 1926. 2 Claims. (Cl. 106—117.)

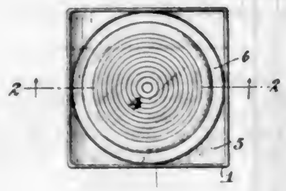


1. In an apparatus for cracking petroleum oil, the combination with a coil located in a furnace through which oil is continuously passed, of a second coil disposed within said oil coil forming an annular oil passageway, spirally arranged spacing lugs carried by said second coil, to space the same from the oil coil and act as baffles for the oil passing through said annular passageway, a flue leading from the furnace, means for withdrawing heated gases from said flue to be passed through said second coil to internally heat the oil passing through said annular passageway.

1,619,930. FOLLOWER FOR PAINT PACKAGES. JOHN W. HASBURG, Chicago, Ill. Filed Feb. 19, 1925. Serial No. 10,179. 1 Claim. (Cl. 41—4.)

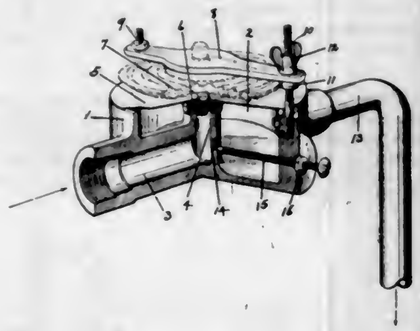
In a package of the character described, a square box, a palette resting loosely in the box, a cover for the

palette comprising a dome-shaped central portion and flat marginal portions resting on said palette, and a fol-



lower in the form of a ring or annulus resting on the marginal portions of said cover and engaged with the side walls of the box.

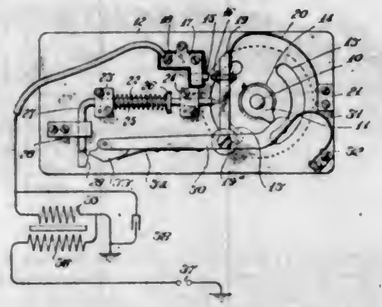
1,619,931. AUTOMATIC GAS FEED. HAROLD W. HART, Los Angeles, Calif. Filed June 8, 1926. Serial No. 114,389. 2 Claims. (Cl. 236—99.)



1, In a device of the character referred to, a body having a chamber therein, one outside wall of said body being a thin flexible member, an inlet pipe extended into said chamber and having an open end adjacent said thin flexible wall member, a valve element attached to the inside of said thin flexible wall member over and adapted to be moved onto and away from said open end of said inlet pipe, outlet for pipe connection from said chamber, and a thermostat element mounted on the outside of said thin flexible outside wall member and adjustable toward and from it and means for adjusting and holding the same thereagainst, whereby expansion and contraction of said thermostat element flexes said thin outside wall member and opens and closes the open end of said inlet pipe to said chamber.

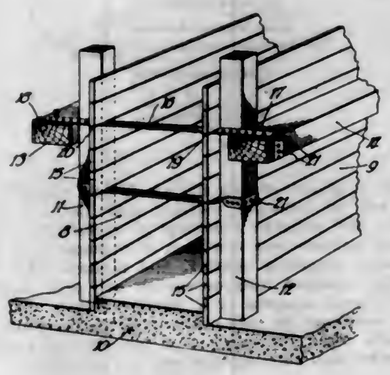
1,619,932. BREAKER MECHANISM FOR IGNITION MAGNETOS. WILLIAM W. HAWKINS, Brooklyn, N. Y., assignor to Webster Electric Company, Racine, Wis., a Corporation of Wisconsin. Filed Dec. 14, 1921. Serial No. 522,434. 4 Claims. (Cl. 200—30.)

2. A breaker mechanism for an ignition magneto comprising a stationary contact, a movable contact, a pivoted contact arm by which the movable contact is carried, spring means normally urging the contact carrying arm into a position where the contacts are in engagement, a hammer, spring means normally tending to hold the hammer in a position where it engages the contact carrying arm and holds the contact separated against the pressure of the spring associated with said contact carrying arm, said hammer provided with a cam surface, and means



operated by the magneto rotor shaft adapted to move in one direction without moving said hammer and when moved in the opposite direction adapted to cock the hammer against the influence of its associated spring means and then release it.

1,619,933. FORM TIE FOR CONCRETE STRUCTURES. JOHN B. HAWLEY, Jr., Minneapolis, Minn., assignor to Hawley Inventions, Incorporated, Minneapolis, Minn., a Corporation of Delaware. Filed Mar. 13, 1926. Serial No. 94,458. 1 Claim. (Cl. 25—131.)

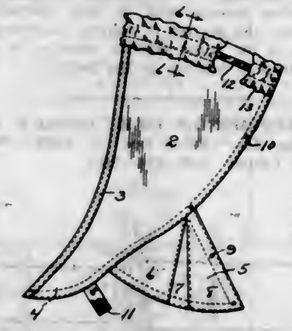


In combination, spaced apart concrete forms, and means for maintaining said forms a desired distance apart comprising a relatively thin strip of metal having a non-flat cross section to provide stiffness in bracing the forms, the metal being of a malleable nature and flattened at spaced portions wherever desired for the purpose of fitting between adjacent form sections.

1,619,934. RUBBER PROTECTOR FOR STOCKINGS. ADA HENDERSON, Wampsville, N. Y. Filed July 2, 1926. Serial No. 120,168. 2 Claims. (Cl. 86—2.)

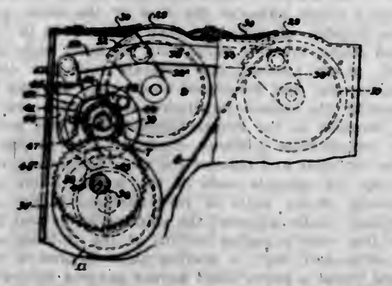
2. A stocking protector comprising a member for covering the leg and ankle of the wearer, said member being

open, fasteners for connecting the edges together, a triangular shaped member connected with one edge of the main body of the protector for covering the rear of the



ankle, and fastening means for connecting the other edge of the member with a portion of the other edge of the device.

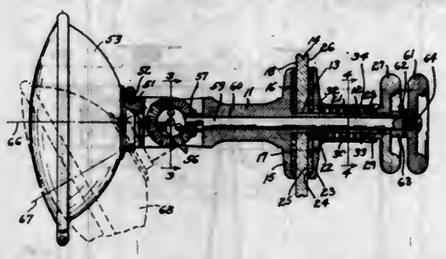
1,619,935. SHUTTER FOR MEASURING-MACHINE CHARTS. GREENE CARLTON HOSCH, St. Louis, Mo., assignor to The Measuregraph Company, St. Louis, Mo., a Corporation of Delaware. Filed Nov. 15, 1920. Serial No. 424,173. 16 Claims. (Cl. 33—133.)



1. In a fabric measuring and cost computing machine, in combination with means adapted to function in the measuring operation for indicating the cost of the material measured by the machine embodying columns of computations based on a unit of measure and multiples or divisions thereof at different prices per unit, a shutter operating normally to cover the field of vision to be occupied by said columns, and automatic means for periodically moving said shutter from such field of vision actuated during the measuring movement at the instant that the amount of goods measured by the machine corresponds to the unit of measure of the machine or a multiple thereof, or a fractional part of said unit of measure upon which computations have been based.

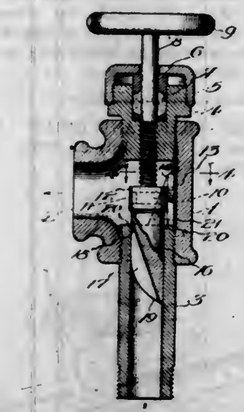
1,619,936. SPOTLIGHT. FRED C. HOWE, Pasadena, Calif. Filed Feb. 2, 1925. Serial No. 6,246. 4 Claims. (Cl. 240—61.)

1. In a device of the class described, the combination of: a rotatable body, said body comprising a clevis formed at one end of said body and a tubular projection formed at the opposite end of said body, said tubular projection being adapted for extension through an orifice in a plate; a sleeve disposed on the end of said projection projecting through said plate; a spring for resiliently holding said body and said sleeve in contact with the faces of said plate; a handle secured to said tubular projection whereby said body is rotated; a lamp supporting member pivotally secured to said clevis; a gear secured to said lamp supporting member; a pinion gear meshing with said gear whereby said gear is rotated, thus pivotally swinging said lamp supporting member relatively to said body; a shaft extending through said body, said shaft supporting said



pinion gear; and a handle secured on the end of said shaft whereby said shaft is rotated, thus rotating said pinion gear.

1,619,937. VALVE. LYMAN C. HUFF, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed June 15, 1925 Serial No. 37,124. 3 Claims. (Cl. 251—77.)

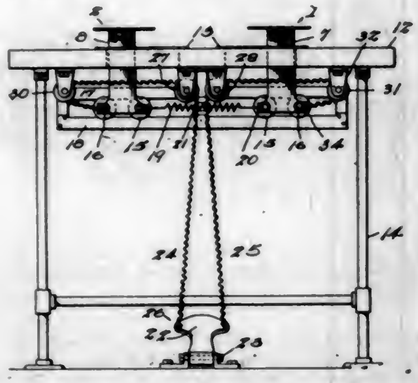


1. The combination with a T-joint of conventional construction, of a valve structure adapted to be applied thereto, comprising a closure cap having a central bore for one of the alined openings of said T-joint, a valve stem adapted to extend through the bore in said closure cap, packing means associated with said closure cap to prevent leakage around said valve stem, an inlet pipe extending into the opposite alined openings of said T-joint, said inlet pipe terminating in a slotted projection extending into the T-joint a reciprocable valve body having a seat adapted to cooperate with a seat carried by said inlet pipe, a connection between said valve stem and valve body for permitting rotation of the valve stem relative to said valve body, whereby said valve is reciprocated by rotation of said valve stem, a projection carried by said valve body adapted to ride in said slotted projection of the inlet pipe, to prevent rotation of said valve body.

1,619,938. METHOD OF PRESERVING LATEX AND PRODUCT. ALFRED E. JURY, Rutherford, N. J., and OMAR H. SMITH, New York, N. Y., assignors to General Rubber Company, New York, N. Y., a Corporation of New Jersey. Substitute for application Serial No. 16,045, filed Mar. 16, 1925. This application filed June 8, 1926. Serial No. 114,560. 15 Claims. (Cl. 18—50.)

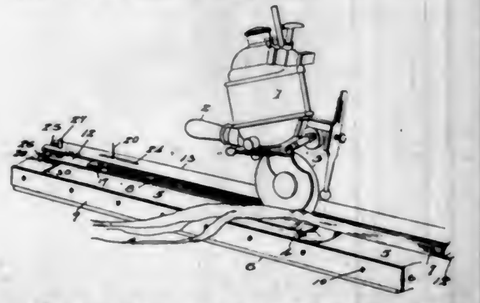
1. The method of preserving latex which comprises treating the latex with an organic antiseptic and an alkaline phosphate.

1,619,939. COLLAR-STRETCHING MACHINE. MORRIS L. KAPLAN and MICHAEL BRANDISH, Hazleton, Pa. Filed July 12, 1926. Serial No. 121,941. 5 Claims. (Cl. 223—19.)



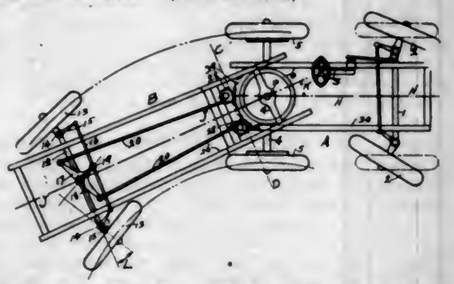
1. In a machine as described the combination with a pair of relatively movable carriers, means for extending said carriers, and automatic means for returning said carriers to normal position, of a pair of detachable, complementary templets, whereby an article may be stretched and shaped, as set forth.

1,619,940. CUTTING BOARD AND GUIDE. MORRIS L. KAPLAN, Hazleton, Pa. Filed July 21, 1926. Serial No. 123,926. 9 Claims. (Cl. 164—79.)



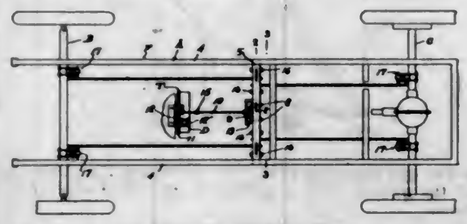
1. The combination with a cutting board of a holder having adjustable pin plates and means for retaining said plates in adjusted position, and a presser plate, for the purpose described.

1,619,941. MOTOR VEHICLE. WILLIAM P. KENNEDY, New York, N. Y. Filed May 25, 1925. Serial No. 32,664. 5 Claims. (Cl. 280—33.1.)



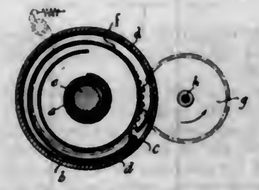
1. In an automobile consisting of a tractor flexibly connected with a semi-trailer, said semi-trailer equipped with a rear axle having steering wheels mounted on pivots for steering angular movement and a mechanical connection interposed between said tractor and said steering wheels to change the steering angle of said wheels when the angular relation of said tractor to said trailer is changed, means incorporated in said mechanical connection to vary the degrees of angular movement of said steering wheels for equal angular changes in movement of the tractor with relation to the trailer.

1,619,942. AUTOMOBILE JACK. GEORGE P. LEE, East Stroudsburg, Pa. Filed Dec. 5, 1925. Serial No. 73,305. 1 Claim. (Cl. 254—86.)



The combination with an automobile having an engine with teeth on the periphery of its flywheel and a compartment beneath the seat thereof, a U-shaped frame having a cap-plate secured to the automobile frame beneath the seat thereof, said cap-plate and bottom of the compartment being provided with laterally extending slots disposed in alignment, a shaft journaled in the ends of the U-shaped frame adjacent the base of the same, aligned shafts slidably supported at their outer ends in the U-shaped frame, brackets supporting the inner ends of said shafts, power transmitting elements including clutches carried by the first mentioned shaft, rigid shifting levers carried by the second mentioned shafts with their free ends disposed in the compartment beneath the seat and their intermediate portions extending through the slots of the cap-plate and base of the seat, fastening elements securing the opposite ends of the levers to the second mentioned shafts, pairs of yokes secured to the second mentioned shafts adjacent the shifting levers and having their free ends engaging certain of the clutches on the first mentioned shaft, a bearing plate secured to the U-shaped frame, a power shaft having one end supported by the bearing plate, a lever pivoted on the inner side of the bearing plate and having one end projecting into the compartment beneath the seat and its other end disposed adjacent opposite the first mentioned shaft, a yoke journaled in that end of the lever adjacent the first mentioned shaft with its free ends engaging certain of the clutches, and power controlling means between the engine and that end of the power shaft remote from the bearing plate.

1,619,943. CLOCKWORK MECHANISM. EDOUARD ERNEST LEHWESS, Paris, France. Filed June 14, 1926, Serial No. 115,835, and in Belgium July 22, 1925. 3 Claims. (Cl. 58—83.)



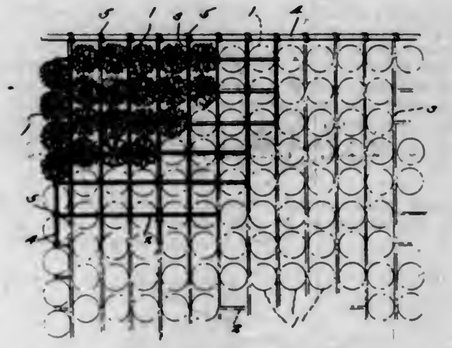
1. In a spring driving mechanism, a barrel, a winding spindle rotatable in the barrel, a blade spring frictionally gripping and extending substantially throughout the inner surface of the barrel, and a winding spring connected at its inner end to the spindle and coiled about the same within the barrel, the outer end of the winding spring being formed as a hook to engage over one end of the blade spring, the frictional engagement between the blade spring and barrel permitting the winding spring to be wound to a degree determined by such frictional engagement.

1,619,944. NAIL. FRANK P. LEONARD, Troy, N. Y., assignor of one-half to Frederick C. Claessens, Troy, N. Y. Original application filed Jan. 25, 1923, Serial No. 614,900. Divided and this application filed Sept. 18, 1925. Serial No. 57,206. 4 Claims. (Cl. 85—20.)



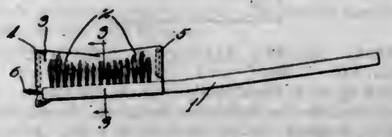
4. As an article of manufacture, a nail including a shank portion having a spiral rib and barbs extending laterally therefrom, said rib and barbs providing triangular shaped flat surfaces facing in one direction and disposed in a like plane, said plane passing through the longitudinal axis of the shank.

1,619,945. CURTAIN. MAUD LESLIE, Paintsville, Ky. Filed Dec. 10, 1925. Serial No. 74,574. 4 Claims. (Cl. 156—10.)



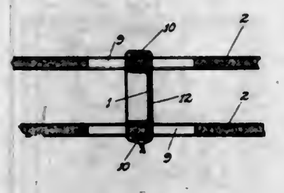
4. A curtain including an open mesh fabric and hard cellular balls mounted on certain of the strands of the fabric to provide heat insulating means, there being hard sharp prongs radiating from each of the balls and constituting rodent repelling means.

1,619,946. TOOTHBRUSH AND CONTAINER FOR SAME. JOHN MAGEE, Hartford, Conn. Filed Oct. 21, 1925. Serial No. 64,007. 4 Claims. (Cl. 206—46.)



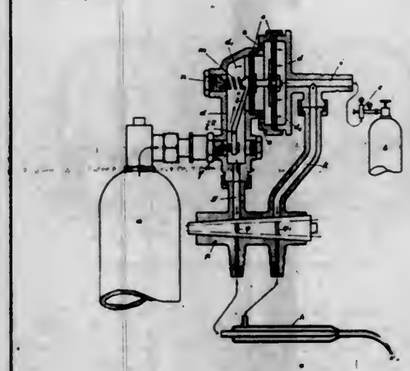
1. The combination of a tooth brush and a container therefor, said brush having main bristles and a supplemental tuft of bristles which are of like character to said main bristles, said container enclosing said main bristles and having provision for exposing said supplemental tuft of bristles for the purpose described.

1,619,947. METHOD OF MOUNTING LATHING STRUCTURES FOR PLASTER WALLS. JOHN F. MAKOWSKI, Stockton, Calif., assignor, by mesne assignments, to Fire Proof Wall Company, Reno, Nev., a Corporation. Filed Oct. 26, 1926. Serial No. 144,235. 7 Claims. (Cl. 72—46.)



1. The method of erecting a lathing structure for plaster lath walls comprising setting the studs, laying plaster lath strips against the faces of the studs, forming slots in pairs in the faces of the strips intermediate their edges, the slots of each pair being disposed on opposite sides of a stud, and positioning fastening elements through the slots and around the studs and plaster lath strips between each pair of slots.

1,619,948. DEVICE FOR PROPORTIONATE FEEDING OF GASES. FRANCESCO MANOIAMELI, Corleone, Italy. Filed Mar. 15, 1922, Serial No. 544,065, and in Germany Mar. 26, 1921. 4 Claims. (Cl. 48—184.)

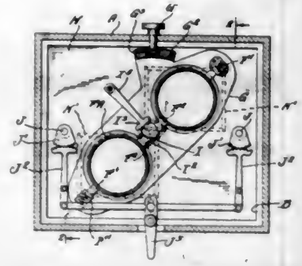


1. Apparatus for bringing gases to blow-torches and similar apparatus, comprising a gas conduit for conducting one of said gases, a separate conduit for conducting the other of said gases, a regulating means operated by the service pressure of one of said gases and operating to regulate the service pressure of the other of said gases, such regulating means comprising a double diaphragm with a space between the two portions of said diaphragm, and a gas connection between the outside of the apparatus and said space, and means for regulating or stopping the flow of said gases from such apparatus to the point of use.

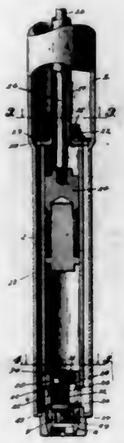
1,619,949. METHOD AND APPARATUS FOR PRODUCING COLORED MOTION PICTURES. LEOPOLD D. MANNES, New York, N. Y., and LEOPOLD GODOWSKY, Jr., Los Angeles, Calif. Filed June 28, 1920. Serial No. 392,215. 7 Claims. (Cl. 88—16.4.)

1. In the apparatus of the class described, the combination with means for supporting a film or plate, of a lens support angularly adjustable about an axis sub-

stantially normal to said film or plate and a pair of lenses mounted on said support with their axes substantially parallel to and at opposite sidee of the first mentioned axis and a wedge member associated with said lenses and adapted to effect adjustment of the lenses toward and away from one another.

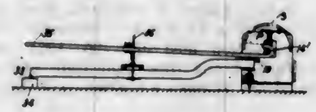


1,619,950. WELL PUMP. BENJAMIN F. MARTY, Friant, Calif. Filed June 22, 1925. Serial No. 38,768. 4 Claims. (Cl. 103—155.)



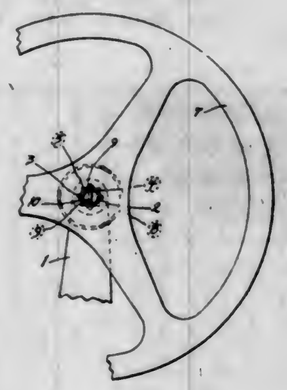
1. A well pump comprising a casing; a cylinder mounted within the lower end of the casing; valve means mounted within the bottom of the cylinder for admitting water into the cylinder and casing; an annulus mounted within the casing and engaging the upper end of the cylinder, said annulus having openings communicating between the lower and upper portions of the casing; a plunger mounted within the cylinder; an actuating rod connected to the plunger and extending upwardly through the annulus to the top of the well; a casing connected between the annulus and the top of the well and loosely enclosing the actuating rod; an annular valve plate mounted above the annulus and adapted to be seated thereon for closing the openings; a flange mounted upon the casing and spaced above the valve plate; and a spring mounted between the plate and said flange to normally hold the plate seated upon the annulus to prevent the return of water from the upper to the lower portion of the cylinder.

1,619,951. MACHINERY FOR BENDING METALLIC RODS, WIRES, OR THE LIKE. ALEXANDER MELVILLE and DAVID MCDOUGALL, Glasgow, Scotland. Filed Aug. 27, 1926, Serial No. 131,876, and in Great Britain Aug. 12, 1926. 3 Claims. (Cl. 153—40.)



1. In a bending machine for the purpose specified, in combination, an oscillatory bending shaft presenting a jaw face, a die member co-operative with said jaw face to clamp rods or the like to be bent, a track, a carrier for the rods or the like to be bent, said carrier mounted to travel on said track, and an adjustable resistance member constituted as a carriage sustained by said track and engageable by the rods or the like to be bent when said shaft is oscillated.

1,619,952. REEL. ROBERT F. MIEHLE, Jr., Chicago, Ill., assignor to The Bell & Howell Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 26, 1926. Serial No. 104,574. 7 Claims. (Cl. 242—70.)

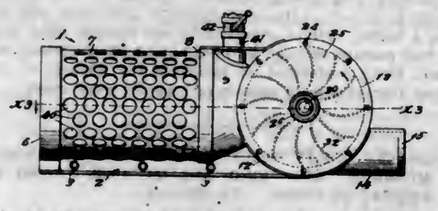


1. A motion picture film reel or the like provided with a spindle opening comprising non-circular portions angularly offset whereby to form intermediate shoulders facing longitudinally of said opening in opposite directions, each of said portions being adapted to engage on an inner non-circular portion of a spindle for centering the reel and to engage on an outer portion of the spindle, beyond which said inner portion of the spindle extends laterally, for centering the reel.

1,619,953. HIGHER ALDEHYDE DERIVATIVES OF REACTION PRODUCTS OF ALDEHYDES AND AMINES AND PROCESS OF MAKING SAME. CLAYTON OLIN NORTH, Tallmadge Township, Summit County, Ohio. Original application filed Mar. 24, 1923, Serial No. 627,325. Divided and this application filed Mar. 5, 1926. Serial No. 92,616. 14 Claims. (Cl. 260—130.)

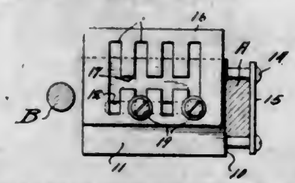
10. The process of making a hard resinous compound, which comprises reacting an aliphatic aldehyde higher than formaldehyde on the reaction product of an aliphatic aldehyde and an aromatic primary amine.

1,619,954. AIR STRAINER FOR COMBUSTION ENGINES. WILLIAM L. OLMSTEAD, Pomona, and EDWARD L. OLMSTEAD, Anaheim, Calif. Filed July 21, 1919. Serial No. 312,446. 4 Claims. (Cl. 183—44.)



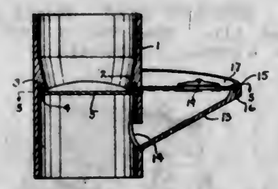
1. An air cleaner for combustion engines, comprising an air filtering receptacle; and means adapted to be interposed between said receptacle and the air intake of an engine for drawing air into said receptacle by suction and then forcing the air from said receptacle into the intake of said engine.

1,619,955. GEAR-SHIFT STOP. FRANK REINHARD, Eau Claire, Wis. Filed Oct. 23, 1926. Serial No. 143,676. 2 Claims. (Cl. 74—39.)



1. As an article of manufacture, a stop for preventing movement of the gear shifting lever from a neutral position when the emergency brake is set comprising a plate adapted to be applied against the face of the braking lever and having an angularly projecting portion adjustable as to length, the plate having a plurality of bolt holes arranged concentrically, and a clamp to engage over the lever having bolts passing through the bolt holes.

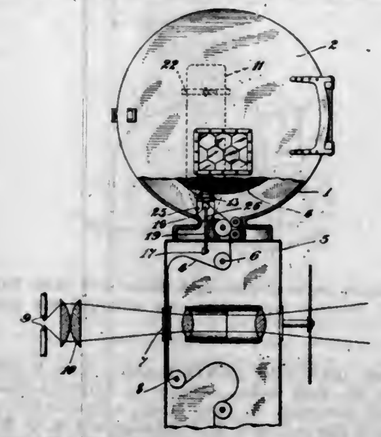
1,619,956. CUT-OFF. CLAUDE RIVERS RENEHAN, Texas City, Tex. Filed Mar. 23, 1926. Serial No. 96,900. 4 Claims. (Cl. 251—18.)



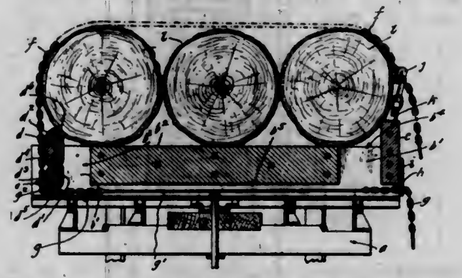
1. A cut-off valve for pipes including a tubular housing for connection in a pipe, an inwardly tapered skirt in said housing forming a seat, a valve plate pivoted to swing in contact with said seat to close or open a passage through said housing, and a casing to receive said valve plate when in open position, said casing having a drain opening into said housing.

1,619,957. METHOD AND APPARATUS FOR FIRE PROTECTION IN MOVING-PICTURE MACHINES. JOSEPH E. ROBIN, New York, N. Y. Filed Sept. 10, 1920. Serial No. 409,356. 9 Claims. (Cl. 169—2.)

1. In a moving picture projecting machine, a reel housing provided with an opening through which film is adapted to be fed, a container for fire extinguishing liquid mounted upon the outside of said housing, a conduit leading from said container and terminating within said housing, means for normally closing the end of said conduit, said means comprising a fusible link mounted adjacent the path of movement of said film as it is being fed from said housing, and fire extinguishing liquid under pressure in said container whereby said housing is sprayed with said liquid when said fusible link parts.



1,619,958. LOG-SECURING DEVICE. JOHN T. SANNAR and CHESTER R. LAWLER, Enterprise, Oreg. Filed Mar. 11, 1925. Serial No. 14,703. 5 Claims. (Cl. 105—384.)

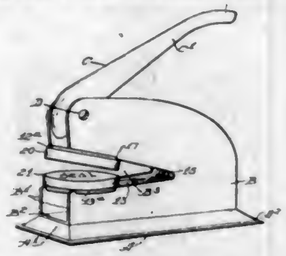


1. In a logging truck, log securing means comprising a chock at one side thereof, said chock composed of a plurality of co-operating members adapted to be moved into log engaging and disengaging and releasing positions, a pin carried by one member of said chock, and a wrapper chain, one end of which is fastened at the opposite side of said car, with its free end mounted over said pin, said chain when engaged with said pin being arranged to support one of said chock members in log engaging position.

1,619,959. SEAL PRESS. DAVID C. SASSEMAN, River Forest, Ill., assignor to F. H. Smith Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 31, 1925. Serial No. 53,453. 4 Claims. (Cl. 100—57.)

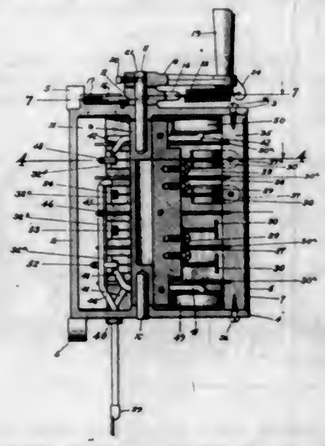
1. A seal press and the like comprising a hollow rigid jawed open front and open top standard; a bell crank lever comprising a longer and a shorter arm fulcrumed in the upper part of the standard with the longer arm extending out through the open top and the shorter arm depending in the cavity of the standard normally trending back from the fulcrum; a seal carrier comprising two equal bars hinged together at one end and enlarged at the opposite end for carrying respectively the co-operating seal members, and a spring reacting about their pivot for holding the seal carrier enlargement normally spread apart; said seal carrier being dimensioned as to width

of the bars back of the enlargements for entering the open front of the standard and fitting in the horizontal width of the cavity, said enlargement being dimensioned



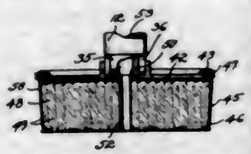
for entering between the rigid jaws, said jaws having notched recesses for seating the enlargements respectively.

1,619,960. ELECTRIC CONTROLLER. JOHN E. SEDERHOLM, St. Paul, Minn., assignor to American Hoist & Derrick Company, St. Paul, Minn., a Partnership composed of Oliver Crosby, T. J. Johnson, and W. O. Washburn. Filed Mar. 3, 1922. Serial No. 540,817. 6 Claims. (Cl. 200—10.)



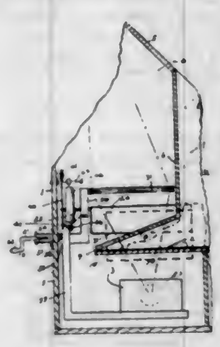
1. In an electric controller, the combination with a casing, insulating blocks supported at intervals around the interior walls of the casing, an insulating bar journaled in the casing to oscillate therein intermediate the blocks, contact members carried by the insulating blocks and the insulating bar respectively, insulating strips substantially horse-shoe-shaped and embracing the oscillatable journaled bar, said strips being located between the contacts and supported at each end and middle position by said insulating blocks.

1,619,961. MARBLE-POLISHING BUFFER. CHARLES R. ABBOTT, Los Angeles, Calif. Filed Nov. 24, 1924. Serial No. 751,864. 2 Claims. (Cl. 51—195.)



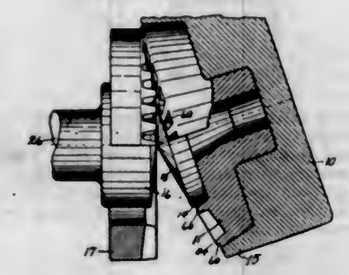
2. In a buffer, the combination of: a mounting head having a depending peripheral skirt converging from said head outwardly and constituting a housing; and a buffing element consisting of a plurality of longitudinally disposed strands of rope tightly compacted in said housing and extending only slightly beyond the outer edge of said skirt, the ends of said strands of rope forming a relatively firm buffing element capable of withstanding applied pressure without appreciable distortion and having a buffing surface of relatively soft texture, there being a fluid passage through said head and buffing element, said skirt being perforated to facilitate the removal of portions thereof as said strands of rope are worn away.

1,619,962. X-RAY MACHINE. MATTHEW B. ADRIAN, Milwaukee, Wis. Filed Jan. 22, 1923. Serial No. 614,074. 36 Claims. (Cl. 250—34.)



1. In a device of the character described, the combination with a cabinet, of an X-ray tube housed therein and mounted for rotative adjustment, whereby to be adjustable to emanate rays in a plurality of directions, and motion transmitting connections for the rotative adjustment of said tube and including a manually operable portion exterior of said cabinet, said cabinet providing supporting means adapted to carry the weight of a patient's foot in operative relation to said tube in the several positions thereof, whereby said foot may be viewed by rays passing vertically or laterally therethrough and emanating from a single tube within said cabinet.

1,619,963. TOOTHED GEAR. HAROLD N. ANDERSON, Cleveland, Ohio. Filed Mar. 5, 1923. Serial No. 622,869. 4 Claims. (Cl. 74—41.)

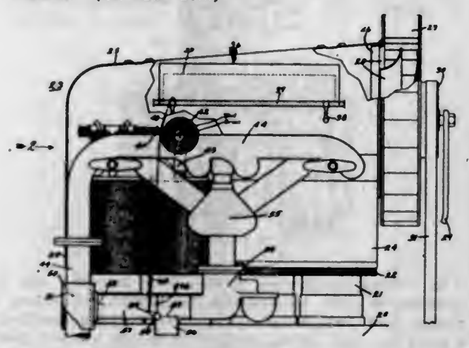


1. A bevel gear having straight teeth similar to involute teeth, but differing therefrom in that their addenda and dedenda become gradually thinner, beginning at the pitch line of the gear, than they would be were the tooth faces true involutes, such thinning of the teeth being insufficient to prevent their addenda and dedenda from functioning, but sufficient to enable the teeth to assume their load gradually, as described.

1,619,964. LUBRICATING OIL. JOSEPH F. ANDERSON, Kansas City, Kans. Filed Aug. 13, 1923. Serial No. 657,114. 1 Claim. (Cl. 87—9.)

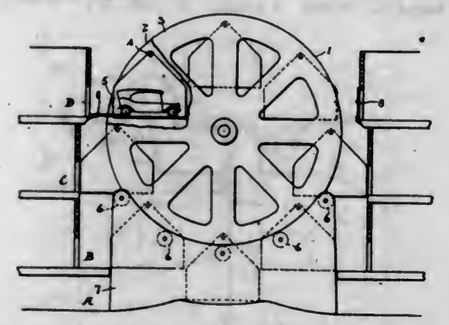
A lubricating oil consisting in a mixture of one gallon lubricating oil with substantially one fluid ounce of a mixture of substantially one ounce rubber cement, five ounces gasoline and substantially twenty-four ounces of lubricating oil.

1,619,965. INTERNAL-COMBUSTION ENGINE. FRED E. ASELTINE, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Apr. 2, 1923. Serial No. 629,261. 2 Claims. (Cl. 123—171.)



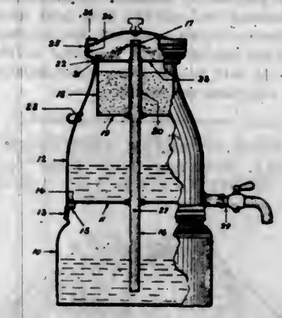
1. In an engine cooling system, the combination with air circulating means including a draft tube arranged adjacent the head of the engine and surrounding a portion thereof, and a fan driven by the engine and adapted to induce a flow of air past the portion aforesaid and through said draft tube by suction, said draft tube having an opening through which air may enter thereinto without flowing past the engine cylinder; a valve carried by said draft tube and adapted to control the flow of air thereinto through said opening; and a thermostat operatively connected with said valve to control the same.

1,619,966. ELEVATOR. NINIAN A. BLACKHAM, Long Branch, and GODFREY N. ROBILLARD, Toronto, Ontario, Canada; said Blackham assignor to said Robillard. Filed June 7, 1922. Serial No. 566,596. 2 Claims. (Cl. 214—16.1.)



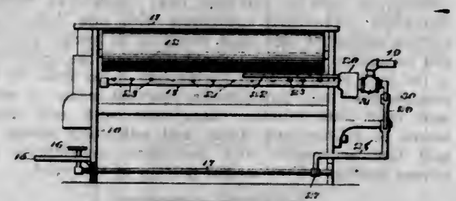
1. In an elevator, a pair of vertically arranged rotatable members spaced apart and rotating in unison, a plurality of pivots spaced adjacent to the peripheries of said members, carriers pivotally suspended from said pivots between said rotatable members and a plurality of landing stages arranged at different levels and disposed transversely of the axis of said rotatable members and leading directly to the periphery thereof.

1,619,967. COFFEEPOT. MARIO BONTEMPI, New York, N. Y. Filed Dec. 5, 1924. Serial No. 754,042. 2 Claims. (Cl. 53—3.)



1. In a device of the class described, the combination of a tightly closed boiler, a tightly closed receptacle associated therewith, a percolating container for flavoring material mounted within said receptacle, a tubular member leading from the lower part of said boiler to the upper part of said receptacle above said percolating container, a faucet controlled outlet for the liquid collected in said receptacle, a steam outlet through the walls of said receptacle at the delivery side of said container, and a relatively small opening through the wall of said tubular member at a point within said boiler close to the top of said boiler.

1,619,968. STATIC NEUTRALIZER FOR PRINTING PRESSES. WILLIAM M. CARMICHAEL, Atlanta, Ga. Filed Oct. 20, 1923. Serial No. 669,849. 3 Claims. (Cl. 34—18.)



1. An ink drier and static neutraliser for cylinder presses comprising a gas heater including a burner tube disposed rearwardly of the printing cylinder in close proximity to the lower side thereof, said tube being coextensive with the cylinder and presenting a series of openings or flame jets for heating both the cylinder and the sheet carried thereon, and filler elements engageable in selected openings or jets of the said tube for limiting the range of the said heater.

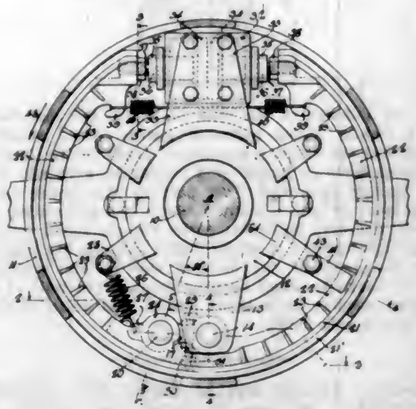
1,619,969. SPARK PLUG. ALBERT CHAMPION, Flint, Mich., assignor to A C Spark Plug Company, Flint, Mich., a Corporation of Michigan. Filed Mar. 30, 1925. Serial No. 19,345. 3 Claims. (Cl. 123—169.)



1. A spark plug comprising an insulator and a shell, a one-piece gasket of deformable material interposed

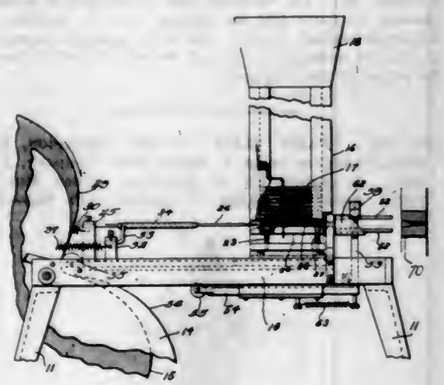
between the insulator and the shell comprising a portion of normal thickness adjacent the working end of the plug, and a portion of reduced thickness more remote from the working end of the plug and having contact with the interior of the shell but spaced from the insulator, means for clamping the insulator in the shell, the cross section of said gasket being substantially unaffected by the said clamping operation.

1,619,970. VEHICLE BRAKE MECHANISM. NIELS A. CHRISTENSEN, Milwaukee, Wis. Filed Nov. 28, 1924. Serial No. 752,681. 5 Claims. (Cl. 188—152.)



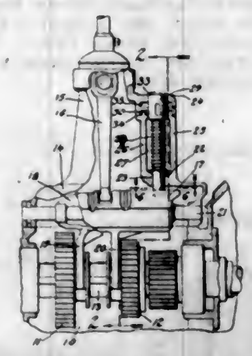
1. In brake mechanism of the character described, the combination with the rotatable brake drum, of an internal expanding brake band engageable with said drum, supporting means for said band including an anchor pin link and an anchor pin offset by said link from the center line of the band toward the advancing side of the drum for the purpose described, fluid-pressure-operated means to move said band into braking engagement with said drum, means to release said drum, and adjustable means on said link engageable with said band determining the release position of the medial portion of the band.

1,619,971. FEEDING MECHANISM FOR SWAGING MACHINES. EDSON A. DEAN, Edgewood, R. I. Filed Feb. 9, 1923. Serial No. 618,144. 7 Claims. (Cl. 78—99.)



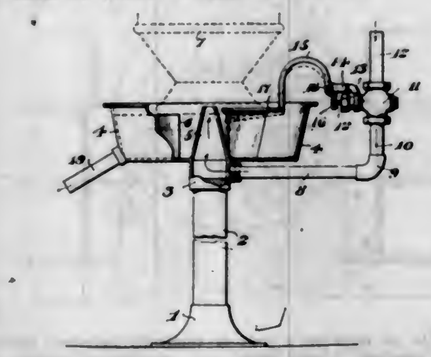
1. An improved feeding mechanism for swaging machines comprising a feeding mandrel, means for supporting the work in the path of the mandrel, means for advancing the mandrel to engage and move the blank into position to be operated upon, and means for gripping and retaining the work during the pointing operation.

1,619,972. TRANSMISSION LOCK FOR MOTOR VEHICLES. ENOS A. DE WATERS, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Dec. 13, 1922. Serial No. 606,711. 1 Claim. (Cl. 70—126.)



In locking mechanism of the class described and in combination with transmission mechanism comprising a casing, and two reciprocating gear shifting members; a cover for said casing; said cover having a lower guide located adjacent said gear shifting members, an upper guide spaced apart and arranged in alignment with said lower guide, and a partition extending between said guides and providing a closed chamber between them; a locking member movable vertically in said chamber and guides and the lower end of which is adapted to enter recesses provided in said gear shifting members; a single rod carried by said cover and along which both of said gear shifting members are movable; a transversely movable bolt slidable in a passage provided in the upper end of said locking member, and the end of which is arranged so as to enter one or the other of two recesses formed in the upper of said guides, to thereby lock said locking member in both its upper and in its lower positions; and bolt operating means housed within the upper end of said locking member and adapted to operate said bolt.

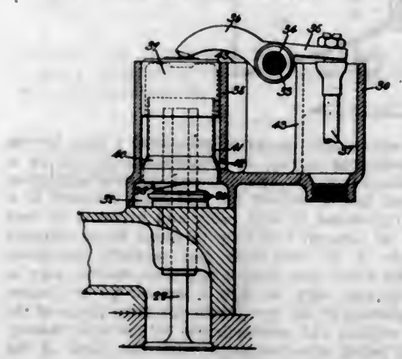
1,619,973. CREAM-REMOVING APPARATUS. GEORGE HARRIMAN, Fort Atkinson, Iowa. Filed Feb. 24, 1926. Serial No. 90,400. 1 Claim. (Cl. 141—7.)



An apparatus for removing cream from the inner face of a receptacle comprising a bowl having an outlet, a vertically disposed nozzle within and having its lower end opening through the bottom of said bowl, a steam conducting line communicating with the lower end of said nozzle, a controlling valve in said steam conducting line

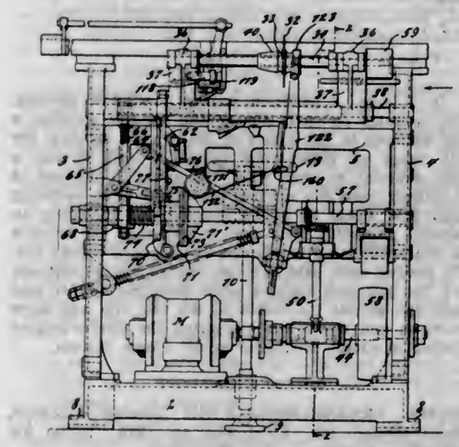
spaced from and opposing the side of said bowl and a receptacle operated lever pivotally connected at one end to said mechanism for shifting the valve to open position when the lever is operated by the receptacle, said lever overlapping the top side edge of and extending into the bowl and having its inner end positioned in the path of an inverted open top receptacle mounted in the bowl to provide for the shifting of the lever by the weight of the receptacle to cause a supply of steam to clean the interior of the receptacle.

1,619,974. VALVE-OPERATING MECHANISM. GEORGE E. A. HALLETT, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Nov. 24, 1924. Serial No. 751,778. 9 Claims. (Cl. 123—90.)



1. A valve mechanism for an internal-combustion engine comprising, in combination, a housing formed with a bore, a poppet valve having one end adapted to enter the said bore; a rocker arm for operating the poppet valve; means capable of movement only axially of the valve interposed between the valve and rocker arm whereby lateral thrust on the valve stem is eliminated and stationary means associated with the first named means adapted to co-operate with the wall of the said bore to form an outer annular chamber for receiving excessive lubricant from the said first named means.

1,619,975. TUBE-CUTTING MACHINE. EDGAR M. HAWKINS, Rochester, N. Y., assignor to M. D. Knowlton Company, Rochester, N. Y., a Corporation of New York. Filed July 14, 1923. Serial No. 651,524. 13 Claims. (Cl. 164—60.)



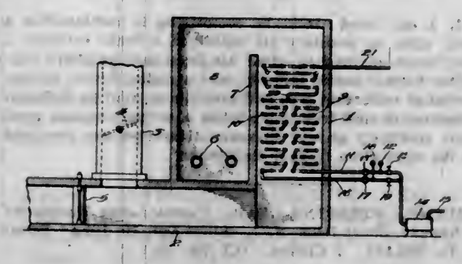
1. In a tube cutting machine, the combination with means for guiding a travelling tubing into the machine, a saw mounted for transverse and parallel movements relative to the travel of the tubing, means operative to project the saw into the path of travel of the tubing and latching means holding the saw to such position during a cutting operation, of yielding means operative to move the saw parallel with the travel of the tubing during a cutting operation.

1,619,976. FLOOR LAMP. HERMAN HORN, Jr., Philadelphia, Pa., assignor to The Horn & Brannen Manufacturing Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 10, 1924. Serial No. 748,846. 2 Claims. (Cl. 248—8.)



2. A device of the character described, comprising a supporting standard, a bushing on said standard, a member secured to said bushing, said member being loosely secured to said bushing whereby it is free to rotate on the standard without moving said bushing, elastic and compressible material intermediate the standard and the bushing.

1,619,977. PROCESS AND APPARATUS FOR TREATING OILS. LYMAN C. HUFF, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed July 8, 1924. Serial No. 724,077. 5 Claims. (Cl. 196—110.)

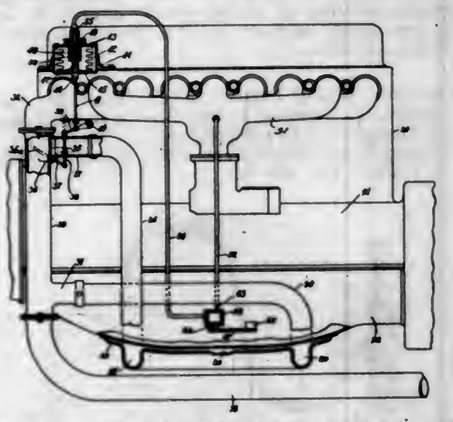


5. A process for treating hydrocarbon oil consisting in passing the oil in a plurality of streams during its initial flow through a heating zone and while being subjected to preliminary heating therein, in thereafter increasing the velocity of the oil during a substantial portion of its flow through the heating zone by uniting said streams prior to the final heating of the oil in the heating zone.

1,619,978. CONTROL OF ENGINE-OIL HEATERS. JOHN H. HUNT, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed June 8, 1925. Serial No. 35,611. 5 Claims. (Cl. 123—196.)

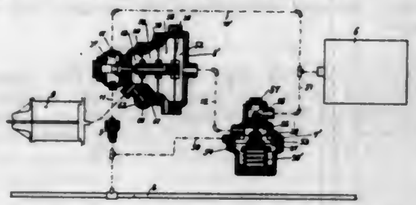
1. Oil heating apparatus and control therefor for internal-combustion engines comprising, in combination, a duct for receiving a fluid heated by the operation of the engine and having a wall in contact with a body of oil to be heated, a valve for controlling the flow of fluid

through said duct, a device responsive to engine suction for moving said valve into position for causing said fluid to flow through said duct, a pipe having a restric-



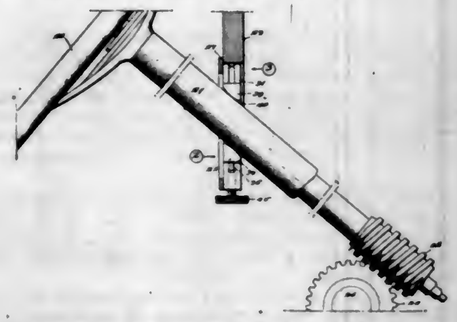
tion for connecting the engine intake and device, and means responsive to oil temperature for venting the device through an opening larger than the restriction.

1,619,979. ONE-LINED AIR BRAKE. FLORENTIN KASANTZEFF, Berlin, Germany. Filed July 21, 1926. Serial No. 124,031. 5 Claims. (Cl. 303—35.)



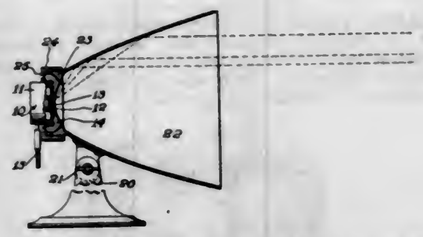
1. A one lined air brake comprising in combination a train pipe, an auxiliary air container, a brake cylinder, a distributor adapted to admit air from said auxiliary container to said brake cylinder, and a ruling device so connected to said train pipe and distributor, that by different pressures in said train pipe, below a normal running pressure, relatively greater pressure differences are produced in the connection to said distributor.

1,619,980. STEERING GEAR. CADWALLADER WASHBURN KELSEY, Short Hills, N. J. Filed Apr. 19, 1923. Serial No. 633,144. 7 Claims. (Cl. 74—39.)



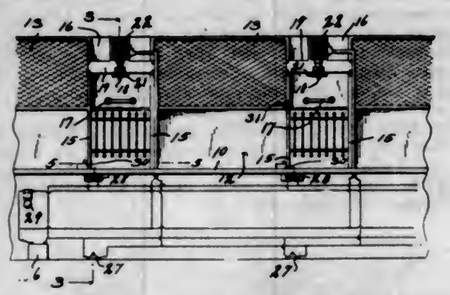
1. In combination, a steering column, a fixed member having a vertically elongated slot through which the steering column passes, guideways on opposite sides of the slot, devices slidably mounted in the guideways and embracing the steering column, and means for clamping the devices about the column and in the guideways.

1,619,981. SOUND MAGNIFIER. SERGEANT P. KNUT, Washington, D. C. Filed Mar. 14, 1923. Serial No. 625,006. 2 Claims. (Cl. 179—146.)



1. A sound magnifying device comprising a body having a sound reflecting surface of revolution generated by a conic section having its axis disposed substantially along a horizontal line, a support for said body, disposed in a direction transverse to said body, and attached to said body, and an integral interiorly threaded flange disposed in the rear of the said body and coaxially therewith, whereby the watch case type of telephone receiver may be attached to said body in such a manner as to dispose the disc vibrator of the receiver in the focal plane of the reflecting surface and perpendicular to the axis thereof, the device being interchangeable with the cover of the telephone receiver.

1,619,982. BANK PROTECTOR. JOSEPH CLAUD LUCAS, Blandinsville, Ill. Filed Nov. 26, 1924. Serial No. 752,493. 2 Claims. (Cl. 268—2.)

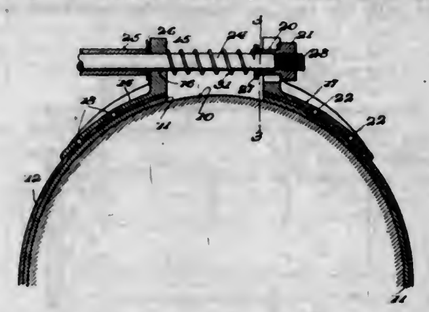


1. In a bank, a partition having a window opening, guides mounted on each side of the window opening, a shield mounted in the guides of the window opening, the shield being of bullet-proof substance and having a length sufficient so that when the shield is dropped it will entirely close the window opening, a latch normally holding said shield in raised position and including an outwardly projecting lever arm, a keeper on the window with which the latch is adapted to engage, a weight normally resting upon said arm, an electro-magnet disposed above the arm and adapted when energized to lift said weight and permit the shield to lift the arm and move downward, and means for energizing the electro-magnet including a circuit having a circuit closer therein.

1,619,983. TRANSMISSION BAND. JOSEPH MALLIGAN, Point Marion, Pa. Filed Apr. 15, 1926. Serial No. 102,336. 4 Claims. (Cl. 188—196.)

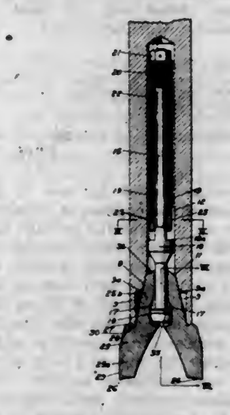
1. A brake band comprising a split annular metal member, a lug secured to each end of the member, one

of the lugs being provided with a perforation, an adjusting rod slidable in said perforation, the lug on



the other end of the band being slotted, a nut having a sleeve received by the rod, the nut being threaded onto the adjusting rod.

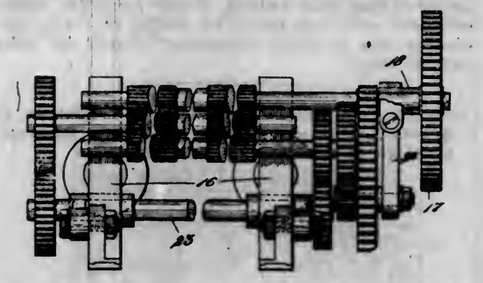
1,619,984. UNDERREAMER. CLARENCE T. MAPES, Pittsburgh, Pa. Filed Nov. 8, 1922. Serial No. 599,652. 5 Claims. (Cl. 255—75.)



1. An underreamer comprising a one-piece body having a longitudinally extending bore formed in the lower part thereof and a bit receiving chamber at the extreme lower part of the body into which the bore opens, a mandrel in said bore having a bit engaging head thereon which extends into the chamber, bits having shanks thereon, which shanks extend into the chamber, said bits having recesses therein in which said head engages for supporting the bits, a circular enlargement on said mandrel having a sliding fit in the bore, said mandrel having flat faces formed thereon above the enlargement, keys passing through the body engaging the flat sides of the mandrel, and a spring surrounding the mandrel confined between the keys and means at the upper end of the mandrel, the wall of said bit-receiving chamber having pockets therein for engagement by the bits in their collapsed condition, and interengaging means between the mandrel and bits to prevent turning of the latter independently of the mandrel so that they may operate and may be maintained in proper lines with the pockets.

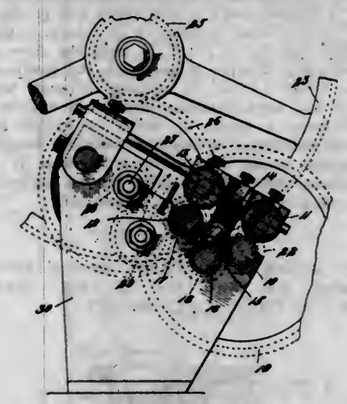
1,619,985. SPINNING FRAME. CHARLES MORTON, Pawtucket, R. I. Filed May 11, 1926. Serial No. 108,262. 7 Claims. (Cl. 19—132.)

1. In a spinning frame front and back sets of draft rolls, means for driving said sets at different relative speeds, a set of intermediate rolls between said sets of back and front rolls and positioned with their working surfaces to run just clear of those of said back and front sets of rolls, the distance between the centers of said adjacent sets of rolls being insufficient to permit



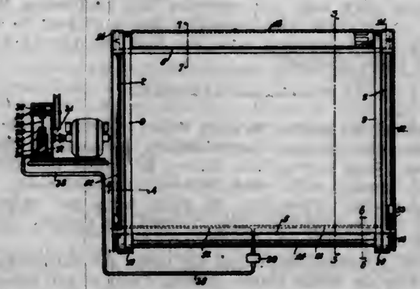
of two adjacent sets of rolls being driven directly one from the other, and means for driving said intermediate set indirectly from those of another set.

1,619,986. SPINNING FRAME. CHARLES MORTON, Pawtucket, R. I. Filed June 15, 1926. Serial No. 116,116. 9 Claims. (Cl. 19—130.)



1. In a spinning frame, front and back sets of draft rolls, gears for driving said sets of rolls at different predetermined speeds, a set of rolls intermediate said back and front rolls, and means set to frictionally engage and drive only said intermediate rolls.

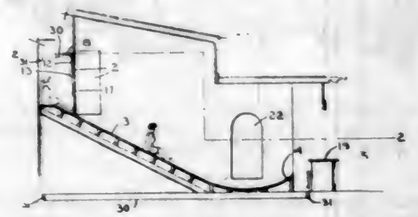
1,619,987. ADVERTISING APPARATUS. KARL GUSTAF ÖSTBERG, Stocksund, Sweden. Filed Feb. 21, 1923, Serial No. 620,491, and in Sweden Feb. 18, 1922. 22 Claims. (Cl. 40—37.)



1. An advertising apparatus comprising in combination a packet of advertising leaves, a rotatable friction shifting roller disposed along one end of the packet and

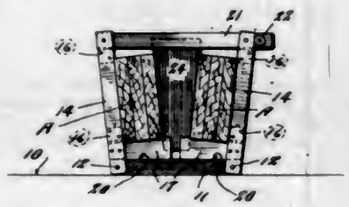
adapted to shift the leaves from one side of the packet to the other, means for guiding the leaves round the edge of the packet while moving over the roller, a number of endless belts adapted to run round the packet over said roller, and means for feeding the leaves successively into frictional engagement between the roller and the belts.

1,619,988. AMUSEMENT APPARATUS. HERBERT N. RIDGWAY, Winthrop, Mass. Filed July 15, 1925. Serial No. 43,867. 3 Claims. (Cl. 273—102.)



1. In an amusement device the combination with a chute, of a compartment at the upper end of the chute having a door opening leading to the chute, a door for closing said opening, a latch to hold the door closed, a latch-releasing member situated on the inside of the door, the latter having an opening through which a portion of the latch-releasing member is exposed, said portion forming a target at which an article may be thrown, the movement of the latch-releasing member due to the impact of an article thrown against it operating to release the latch, and means to automatically open the door when the latch is released.

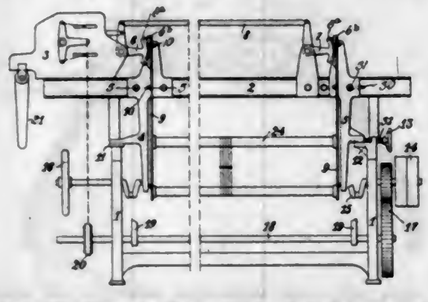
1,619,989. KNIFE GLUE CLAMP. BYRD C. ROCKWELL, St. Joseph, Mo. Filed Oct. 17, 1923. Serial No. 669,005. 10 Claims. (Cl. 144—279.)



1. A glue clamp comprising a pair of opposed pivotal arms adapted to be moved inwardly toward each other into cooperative interengaged relation, said arms being provided with seats for receiving and positioning the work to be glued, and removable blocks adapted to be driven into engagement with the work for placing the latter under pressure.

1,619,990. HARNESS MOTION FOR LOOMS. WILHELM SIMMCHEN, Aussig, Czechoslovakia, assignor to The Firm: Ipag International Patent Exploiting Company, Ltd., Aussig, A/E. (Usti N/Lab.), Czechoslovakia, a Corporation. Filed Feb. 28, 1925. Serial No. 12,363, and in Czechoslovakia Mar. 1, 1924. 3 Claims. (Cl. 139—57.)

1. In a harness movement for looms for individually operating the heddle frames, having a pair of bell cranks for each frame one crank on each side of the frame and a push pull rod connection between each pair of bell cranks, a pair of vertically guided suspension bars for each frame connected to the ends of the frame, each bar having a rack at its upper end and a toothed segment at one arm of each bell crank engaging respectively with the rack of its pertaining suspension bar,



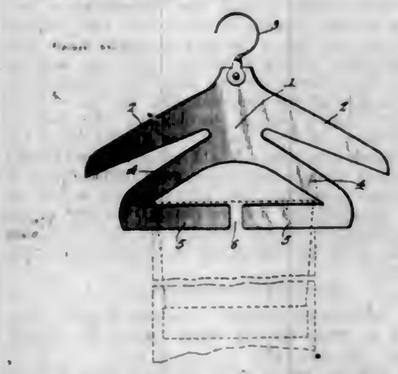
each heddle frame having suitably shaped bosses at its ends and sockets in said suspension bars adapted to removably engage said bosses.

1,619,991. HEADER BRACKET FOR IGNITION CABLES. BENJAMIN M. SMARR, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Aug. 15, 1924. Serial No. 732,264. 5 Claims. (Cl. 123—143.)



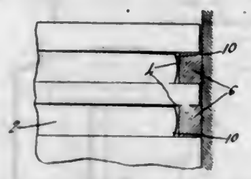
1. In a wire supporting device for use in ignition systems of internal combustion engines, a tubular member having openings in its wall for the passage into and out therefrom of wires through which current is supplied to the spark plugs of a multiple cylinder engine; a combined supporting device for said tubular member and bracket for holding a plurality of wires whereby current is supplied to said spark plugs, said bracket comprising a lower shelf member for supporting said wires, an upper clamping member for engaging said wires, and means for fastening said clamping member and said shelf together; and means whereby said supporting device may be fastened to a structure adapted to support the same.

1,619,992. GARMENT HANGER. HENRY SMITH, Richmond, Va. Filed Apr. 10, 1925. Serial No. 22,155. 1 Claim. (Cl. 223—62.)



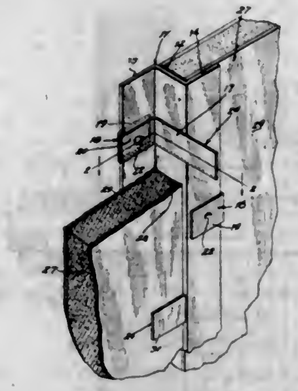
A garment hanger including a flat body having a pair of flat downwardly diverging garment supporting arms, there being flat strips extending toward each other from the arms and spaced apart to provide a throat, said strips being in alinement and constituting supports for a garment inserted upwardly through the throat and spread upon the strips, the body, arms and strips all being formed in a single piece of flat material, and a support engaging member connected to the upper end of the body.

1,619,993. PISTON-RING GROOVE. HERMAN STOLL, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Aug. 31, 1925. Serial No. 53,601. 3 Claims. (Cl. 74—109.)



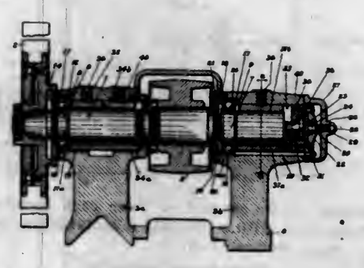
1. A combination of a piston having a groove therein having parallel sides to permit ready removal of the cutting tool, a ring in the groove, the bottom of the ring and the bottom of the groove being so formed as to contact only at substantially the center of the groove, there being clearance between the back of the ring and the bottom of the groove at the sides of the latter.

1,619,994. WALL-BOARD-RETAINING MEMBER. JOSEPH STRAND, Los Angeles, Calif., assignor to Klinch Lath Corporation, Los Angeles, Calif., a Corporation of California. Filed June 1, 1925. Serial No. 34,096. 10 Claims. (Cl. 72—118.)



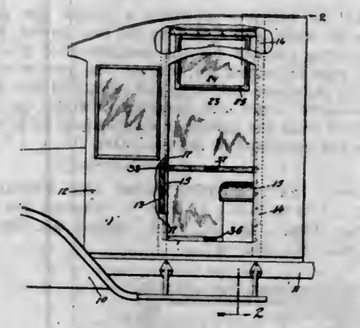
1. A wall board retaining member comprising: an imperforate and non-flexible member arranged for installation between adjacent ends of wall boards; and separate means securely attached to said member before said wall boards are installed in place, adapted to hold said wall boards and said member in proper relationship.

1,619,995. SPINDLE MOUNTING. ALBERT TURNER and ALFRED P. BURNS, Worcester, Mass., assignors to The Heald Machine Company, Worcester, Mass., a Corporation of Massachusetts. Filed Aug. 9, 1923. Serial No. 656,480. 10 Claims. (Cl. 308—35.)



1. In a device of the class described, a spindle, a ball bearing associated therewith, a sleeve bearing, independent of said ball bearing or the races thereof, also associated with said spindle, and means for interchangeably rendering one or the other of said bearings operative, while maintaining the same assembly of parts.

1,619,996. CLOSURE. CLARENCE J. WHITACRE, Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Dec. 4, 1922. Serial No. 604,775. 8 Claims. (Cl. 296—140.)

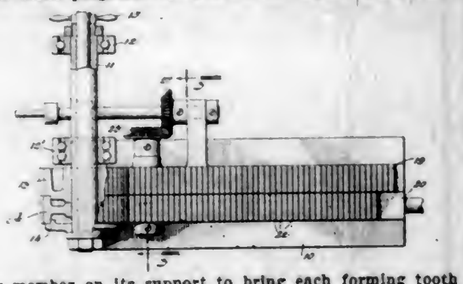


1. In a device of the class described, an automobile body including supports spaced apart for forming an opening in said body, said supports being provided with guides, a sheet metal closure slidably mounted in said guides, said closure being provided with an opening therein and a transparent flexible window removably mounted in said opening.

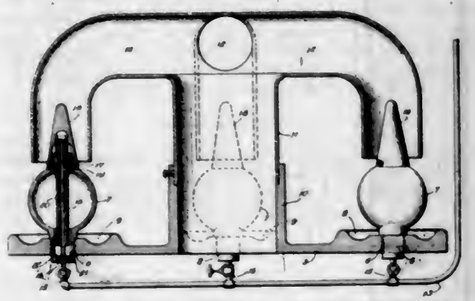
1,619,997. MANUFACTURE OF GEARS. JOHN W. WHITE, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Dec. 4, 1920. Serial No. 428,292. 7 Claims. (Cl. 80—16.)

1. In means for forming gears, the combination of a toothed forming element and a blank-supporting means, one mounted to rotate and the other to reciprocate, gearing for connecting said element to said means

to cause their operation in synchronism, and means for causing the forming element and the blank to approach each other progressively and for shifting the reciprocating member on its support to bring each forming tooth into engagement with a different indentation in the blank on the next reciprocation.

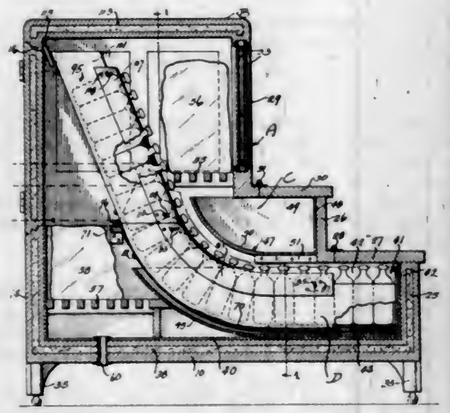


1,619,998. FUEL-OIL BURNER. ANDREW J. WOODCOCK, Wilmette, Ill. Filed Nov. 17, 1923. Serial No. 675,310. 15 Claims. (Cl. 158—66.)



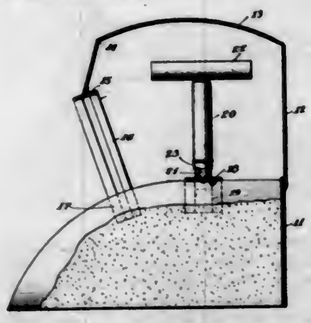
1. An oil burner comprising a hollow gas generator having an outlet and a seat at the top thereof, said generator being adapted for the generation of gas therein, an oil pipe projecting up through the generator, and a cap over the upper discharge end of the oil pipe and over the generator outlet and engaging said seat to close the gas outlet from the generator and adapted to be unseated by the gas generated in the generator.

1,619,999. BOTTLE-DISPENSING AND REFRIGERATING APPARATUS. DALLAS V. WRIGHT, Fort Dodge, Iowa. Filed Jan. 28, 1924. Serial No. 689,097. 6 Claims. (Cl. 211—8.)



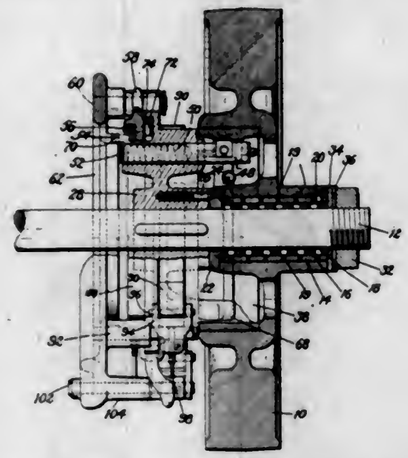
1. In a dispensing device of the class described the combination of a cabinet having an opening therein, and a closure for said opening, a chute construction in said cabinet including a lower fixed portion which adjacent the opening of the cabinet is arcuated upwardly, and a hinged upper portion connected adjacent the arcuated end of the fixed chute portion and adapted to be hingedly moved for horizontal positioning thru the opening of the cabinet when the closure is opening from the cabinet for the purpose of refilling the chute, and means for supporting the hinged chute portion at an inclined position in the cabinet in aligning relation with the arcuated end of the fixed chute portion for dispensing bottles from the hinged chute portion into the fixed chute portion.

1,620,000. SCOOP SCALE. EVERETT R. BALL, Quincy, Ill., assignor of one-half to Charles E. Monckton, Quincy, Ill. Filed July 3, 1926. Serial No. 120,288 3 Claims. (Cl. 265—66.)



1. A weighing scoop having a handle rigidly fixed to the scoop, and a scale having a supporting portion also rigidly fixed to the scoop and projecting upwardly therefrom, said scale having a handle carried thereby adjacent to and below the fixed handle on said scoop.

1,620,001. CONTROLLING MEANS FOR MACHINES. MILTON H. BALLARD, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 15, 1920. Serial No. 424,223. 44 Claims. (Cl. 192—145.)



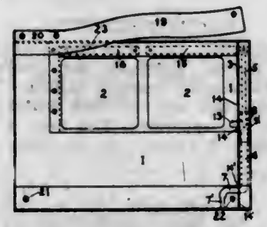
2. In a mechanism of the class described, a shaft, a power pulley, a clutch for operatively connecting the pulley to the shaft comprising a member keyed to the shaft, a starting lever for controlling the clutch, a brake operative normally to prevent further rotation of the shaft after the disconnection of the pulley from the shaft, and a locking member arranged to co-operate with the member keyed to the shaft to prevent rotation of the shaft in case the brake should become inoperative, said locking member normally moving to inoperative position when the clutch is rendered operative, and interconnected means normally operative for returning the starting lever and locking member to operative position.

1,620,002. VANITY CASE. EDMUND R. BARANY, Brooklyn, N. Y. Filed Jan. 31, 1925. Serial No. 5,941. 5 Claims. (Cl. 132—82.)



1. In a powder container, a perforated closure plate, a resilient mounting for the plate, and means responsive to movement of the plate for opening or closing the perforations therein.

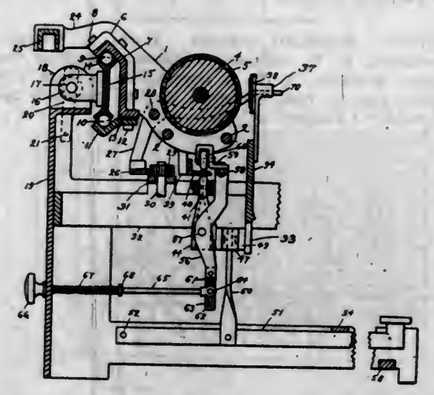
1,620,003. AUTOMOBILE INCLOSURE. GEORGE E. BISHOP, Cleveland, Ohio. Filed Mar. 2, 1923. Serial No. 622,337. 3 Claims. (Cl. 296—139.)



1. An automobile inclosure comprising, suitable curtain fabric provided with spaced transparencies; a multiple-section rod adapted removably to support the fabric upon the automobile body; means for holding the fabric longitudinally taut; a vertical pocket formed in the fabric and within which the supporting rod is disposed; at least one of said rod sections being longitudinally adjustable in said pocket in the inoperative position of the supporting rod, and a sleeve surrounding the adjacent rod section ends and normally holding the rod sections relatively rigid transversely of their length, one of the abutting rod sections being formed with means adapted to hold the sleeve in its operative position, said fabric being formed with a vertical slit, and said sleeve being formed with a fingerpiece extending through said slit, whereby the sleeve may be vertically, manually adjusted to release the abutting rod section ends one from the other, none of said transparencies including the longitudinal planes in which the adjacent rod section ends lie when they are released, whereby the inclosure may be folded along longitudinal lines without removing the respective rod sections from the fabric.

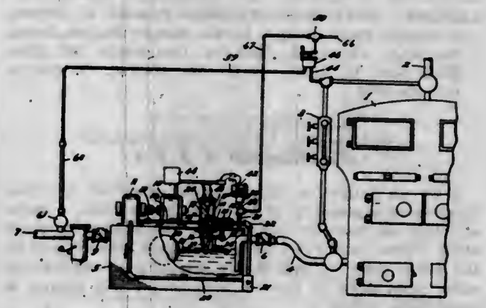
1,620,004. TYPEWRITING MACHINE. GREGORY K. BLOCK, New York, N. Y. Filed July 26, 1926. Serial No. 124,972. 6 Claims. (Cl. 197—60.)

1. In a typewriting machine, the combination with carriage brackets of longitudinally extended front and rear frame members connected at their ends with said brackets, a supporting member rotatively mounted on the frame of said typewriting machine, ball bearings on the upper and lower surfaces of said supporting member, said rear longitudinal member being slidably supported on said ball bearings, a drum rotatively mounted on said brackets, a plurality of rollers slidably supporting said front longitudinal member, means to support said rollers, an upper roller adapted to retain said front longitudinal member in an operating engagement with said supporting rollers,



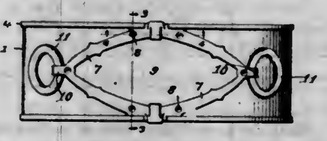
means to raise said supporting rollers with said upper roller, and means to release said upper roller from the engagement with said front longitudinal member.

1,620,005. CONTROL FOR SUBVACUOUS CONDITION OF PERIODICALLY-FIRED BOILERS. VERNON T. BRIGHAM, Des Moines, Iowa. Filed Aug. 9, 1926. Serial No. 128,293. 12 Claims. (Cl. 103—26.)



1. In a vacuum heating system, the combination with a boiler, return line, and a pump, of a connection between said boiler and return line, and pressure actuated means in said connection for effecting operation of said pump.

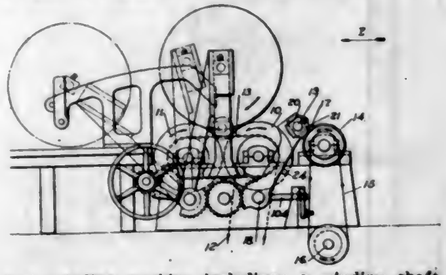
1,620,006. AQUARIUM. LESLIE H. BURLIN, Chicago, Ill., assignor to Chicago Hardware Foundry Company, North Chicago, Ill., a Corporation of Illinois. Filed June 26, 1926. Serial No. 118,755. 3 Claims. (Cl. 119—5.)



1. An aquarium comprising in combination, an annular split shell of plate metal formed with receiving channels at its respective ends, end walls of transparent material having marginal engagement in said channels, and means for securing the split shell in a contracted condition on said end walls, the same comprising a coupling

plate spanning the split of the split shell and secured to the adjacent ends thereof by screw bolts, said coupling plate having an orifice constituting the entry passage to the aquarium chamber.

1,620,007. WINDING MEANS. JAMES A. CAMERON, Brooklyn, N. Y., assignor to Cameron Machine Company, Brooklyn, N. Y., a Corporation of New York. Filed Aug. 13, 1925, Serial No. 49,949. Renewed June 4, 1926. 4 Claims. (Cl. 242—66.)



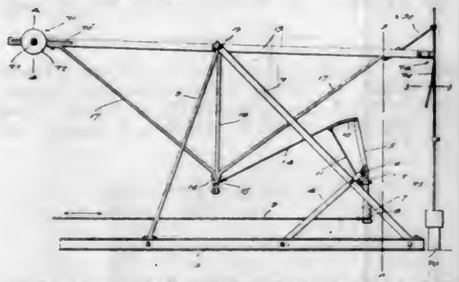
1. A winding machine including: a winding shaft, a surface winding drum to wind material on the shaft, means for initially supporting said winding shaft out of contact with the drum, driving means, to rotate said shaft at an overspeed while out of contact with the drum to initiate the winding operation for engagement with the drum, including speed-change means actuated by the accumulation of material on the shaft to decrease the speed thereof.

1,620,008. WIRE BASE BRUSH. EDWARD E. CURTIS, Cleveland, Ohio, assignor to The Osborn Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 12, 1923. Serial No. 674,148. 5 Claims. (Cl. 15—206.)



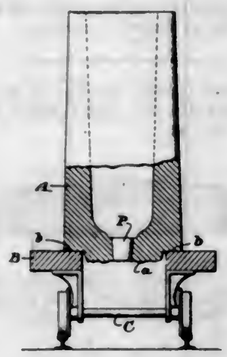
3. In an article of the character described, the combination of a plurality of layers of brush stock, a series of wires one more in number than the number of brush stock layers, said wires being positioned between and on the outer sides of said layers respectively and twisted upon each other to form a wire base brush having at least three spires.

1,620,009. PUMP JACK. MARION LEE DOBSON, Kevin, Mont. Filed Dec. 7, 1926. Serial No. 153,115. 6 Claims. (Cl. 74—5.)



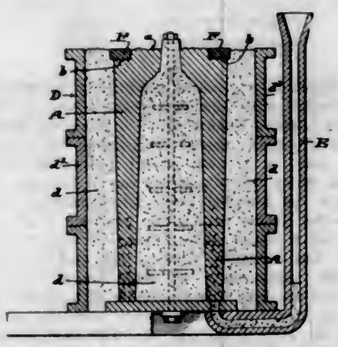
1. In a pump jack, a supporting structure including spaced rails, uprights rising therefrom and connected thereto, a beam pivotally mounted on the upper ends of the uprights and provided at one end with means for connecting with a reciprocatory polish rod, and power multiplying means mounted upon said upright and connected with said beam adjacent its point of pivotal connection with said uprights.

1,620,010. INGOT MOLD. GEORGE A. DORNIN, Baltimore, Md., assignor to The Gathmann Engineering Company, Baltimore, Md., a Corporation of Maryland. Filed Apr. 16, 1925. Serial No. 23,586. 5 Claims. (Cl. 22—139.)



1. An ingot mold having a marginal portion on the under side of its lower end which is smoother and harder than the middle or central portion of the lower end of the mold, thus adapting the mold to rest truly on a support.

1,620,011. METHOD OF MAKING INGOT MOLDS. GEORGE A. DORNIN, Baltimore, Md., assignor to The Gathmann Engineering Company, Baltimore, Md. Original application filed Apr. 16, 1925, Serial No. 23,586. Divided and this application filed Sept. 4, 1925. Serial No. 54,519. 1 Claim. (Cl. 22—200.)

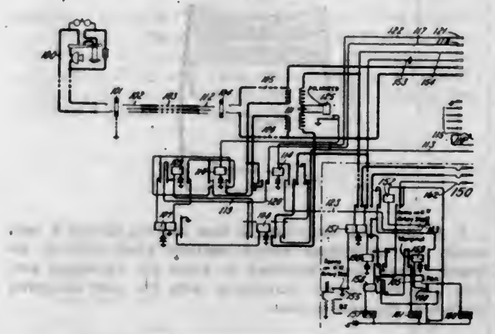


The method hereinbefore described of casting an ingot mold, which consists in bottom pouring a sand mold to cast the ingot mold bottom-side up, forming smooth, hard ledges on the top of the casting when the molten metal has risen to the upper portion of the said mold and allowing a middle or central portion of the molten metal to rise above said smooth ledges to thus separate impurities from that part of the casting where the ledges are formed.

1,620,012. TELEPHONE-EXCHANGE SYSTEM. BERT G. DUNHAM, Hawthorne, and WILLIAM T. HAINES, Mountain Lakes, N. J.; said Haines assignor to American Telephone and Telegraph Company, a Corporation of New York, and said Dunham assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 17, 1926. Serial No. 136,033. 5 Claims. (Cl. 179—27.)

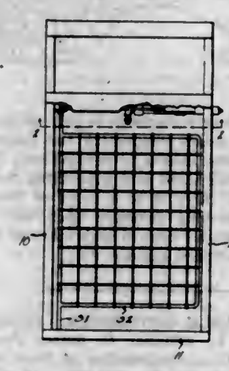
1. In a telephone exchange trunking system whereby an incoming line is interconnected to one of a group of

selectable outgoing trunks by a cord circuit for extending said incoming line to a distant office, operator's positions at said distant office, means operated by said interconnection to cause the selection of an idle operators' position and to associate said trunk therewith, automatic



switches, means under the control of said idle operator's position to set a train of said automatic switches to select a wanted line, means to discharge said position, and automatic means to associate said trunk directly with the first switch of said train.

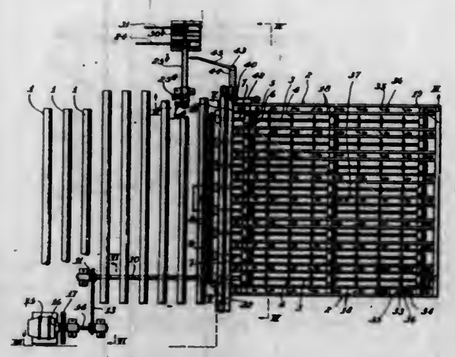
1,620,013. HOG SPRAY. ALLEN H. ECKERMAN, Sioux City, Iowa. Filed Nov. 10, 1926. Serial No. 147,518. 6 Claims. (Cl. 119—159.)



1. In a spray of the class described, a gateway, a tank supported by the upper portion of the gateway, a depending spout provided with a check valve at either extremity for permitting only downward flow of fluid from the tank, a gate mounted on a vertical axis in the gateway for swinging movement, a pump actuated by the swing of the gate in either direction away from the gateway to eject oil from the spout and by the swing of the gate toward the gateway, to draw oil into the spout, and means connecting the pump to the gate, including a spring adapted to urge the gate toward closing position.

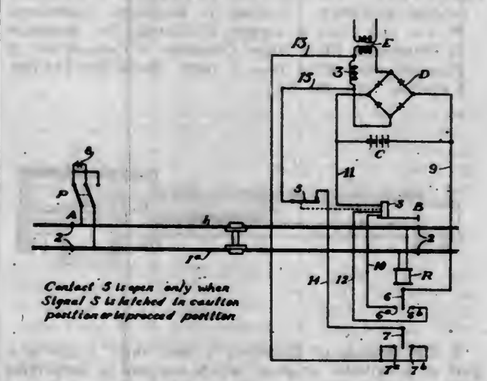
1,620,014. APPARATUS FOR CRACKING OFF AND HANDLING CONTINUOUSLY-FORMED SHEET GLASS. ALBERT E. EVANS, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed July 20, 1926. Serial No. 123,639. 4 Claims. (Cl. 49—1.)

1. The combination with a glass handling table, of a plurality of roller units distributed over the area of the table and each comprising a member carrying two rollers with their axes of rotation at an angle to each other, and mounted to tilt so that in one position of movement of the member, one roller lies uppermost, and in another



position of movement, the other roller lies uppermost, one set of said rollers having their axes in parallel with one side of the table, and the other set having their axes arranged radially with respect to a common center located within the confines of the table.

1,620,015. RAILWAY-SIGNALING APPARATUS. PAUL H. GRIGGS, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Sept. 14, 1926. Serial No. 135,482. 8 Claims. (Cl. 246—41.)

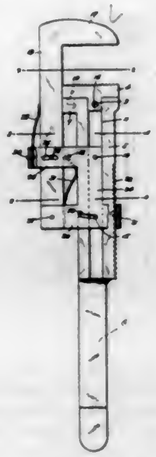


1. In a railway signaling system of the type comprising a source of alternating current, a storage battery, a trickle charge rectifier constantly charging said battery from said source at a relatively low rate, and a signal operated by said battery; the combination with the aforementioned instrumentalities of means controlled by said signal for at times increasing the output of said rectifier.

1,620,016. PIPE WRENCH. HENRY GOULAS, Quantico, Va., assignor of one-third to Ormonde O. Mobley, Quantico, Va. Filed June 29, 1926. Serial No. 119,342. 5 Claims. (Cl. 81—106.)

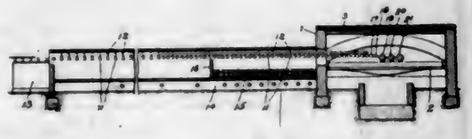
1. A wrench of the class described including, in combination, a shank, a fixed jaw on the shank, one edge of the shank being provided with teeth, a U-shaped frame having its bight portion provided with teeth for cooperation with the aforementioned teeth, said shank being pro-

vided with dovetailed mortises, dove-tailed tenons slidable in said mortises, means for pivoting the frame to the tenons, a movable jaw having a shank pivoted to the



frame, and spring associated with the last mentioned shank for normally holding the movable jaw over the fixed jaw.

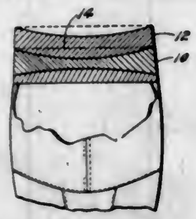
1,620,017. PROCESS OF FLATTENING WINDOW GLASS SHAWLS. HOWARD L. HALBACH, Clarksburg, W. Va., and JOHN A. SWEET, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed June 9, 1926. Serial No. 114,759. 5 Claims. (Cl. 49—84.)



2. The process of flattening a bent sheet which is a part of a cylinder of glass, which consists in supporting it upon a flattening stone exposed to a degree of heat such as to bring it to flattening condition, applying pressure to the upper face of the sheet to partially flatten it, giving it a motion of translation between a series of opposing parallel members to flatten it while still maintaining it at a temperature at which it may be permanently flattened without marring its surface, and continuing such movement of translation between said members and thus holding it flat while the sheet is cooling until it sets permanently in flat form.

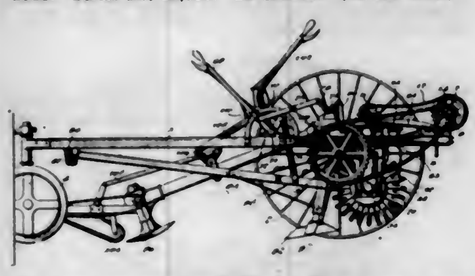
4. The process of completing the flattening of a partially flattened sheet of glass heated to flattening temperature which consists in giving the sheet a motion of translation and during such movement applying rolling pressure to the sheet on opposite sides to completely flatten it while still maintaining it at a temperature such that it may be permanently flattened without marring its surface, and continuing such movement of translation of the sheet while exposed to said rolling pressure while the sheet is cooled until it sets permanently in flat form.

1,620,018. MANUFACTURE OF SHOES. HARRY D. HAMILTON, Winthrop, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 4, 1920. Serial No. 408,267. 14 Claims. (Cl. 36—35.)



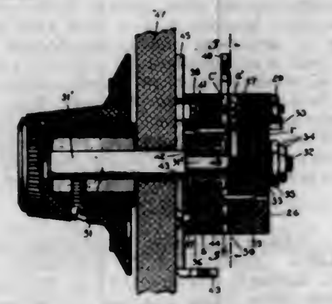
1. A shoe heel comprising a base section having a concavely curved surface and a resilient tread member secured thereto and deformed to bring its attaching surface into substantial conformity with the said concaved surface of the base section.

1,620,019. BEET HARVESTER. ERVIN J. HAMMER and ORRIN H. HAMMER, Miller City, Ohio. Filed Mar. 11, 1925. Serial No. 14,737. 18 Claims. (Cl. 55—108.)



1. A beet harvester comprising a pair of finger wheels, movably mounted means supporting the finger wheels in confronting positions, means to continuously rotate them in the same direction upon said supporting means to take hold of a beet and carry it to a point of discharge, and resilient means exerting pressure upon said supporting means urging the wheels toward each other so that various sizes of beets are gripped equally well.

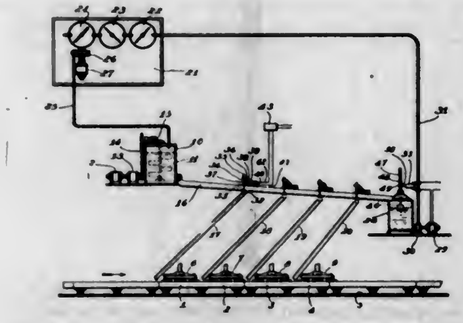
1,620,020. VARIABLE CONDENSER. CHARLES HARDY, New York, N. Y., assignor to Amsco Products Inc., New York, N. Y., a Corporation of New York. Filed Dec. 10, 1923. Serial No. 679,727. 19 Claims. (Cl. 175—41.5.)



1. A variable condenser comprising relatively movable elements providing a plurality of condenser plate sets, relative movement of the said elements being effective

for varying the capacity of one set inversely with respect to the other set, and resilient means carried by one of the elements and bearing on the other of the elements for holding the plate sets in properly spaced relation.

1,620,021. APPARATUS FOR SUPPLYING POLISHING MATERIAL TO A SERIES OF POLISHING MACHINES. HALBERT K. HITCHCOCK, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Nov. 25, 1925. Serial No. 71,374. 4 Claims. (Cl. 51—264.)



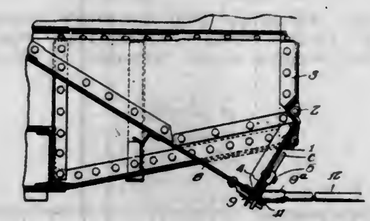
2. The combination with a plurality of polishing machines arranged in series, and means for carrying a series of plates of material to be polished therebeneath, of a distributing tank for the mixture of liquid and polishing material to be used, means for agitating the contents of such tank, a main conduit extending along the series of machines, a branch conduit extending from said main conduit to each machine, a collecting tank at the end of said main conduit for receiving the excess of mixture flowing through said main conduit and not diverted through the branch conduits, and means for returning the mixture from the collecting tank to the distributing tank, the said collecting tank being located at a level below that of the distributing tank so that a gravity flow is provided between the two tanks through said main conduit.

1,620,022. ART OF FIRING CERAMIC AND OTHER PRODUCTS. CHARLES T. HOLCROFT, Detroit, and CHARLES E. DOLL, Mount Clemens, Mich. Filed May 12, 1924. Serial No. 712,561. 29 Claims. (Cl. 25—157.)



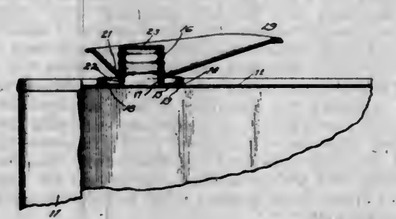
1. The art of firing articles in a kiln which consists in subjecting the articles to a firing heat free from products of combustion and concurrently therewith to a flow of air in direct contact with the articles or containers therefor.

1,620,023. DUMP-CAR-DOOR CONTROL. WILLIAM J. HOSCEIT, Chicago, Ill., assignor to Harry S. Hart, Chicago, Ill. Filed Aug. 26, 1926. Serial No. 131,622. 9 Claims. (Cl. 105—286.)



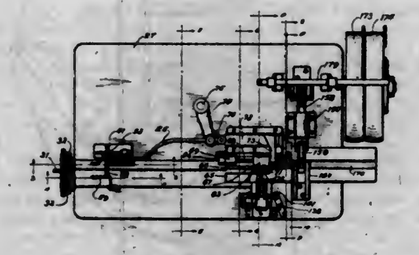
1. A door controlling attachment for dump cars, comprising a lever applying means adapted to be mounted upon the door and constructed to hold a lever in angularly rigid controlling relation to the door.

1,620,024. POURING SPOUT. JOHN M. HOTHERSALL, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed June 6, 1921. Serial No. 475,329. 4 Claims. (Cl. 221—23.)



1. In a can, the combination of a sheet metal nozzle having a screw-threaded portion and below the same a tapered spout-supporting portion, a spout adjustable and having an aperture of a size to wedge thereon, and a cap screwed on said nozzle and constructed to engage said spout and force it on said tapered portion.

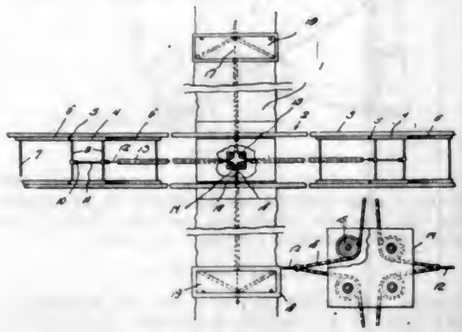
1,620,025. AUTOMATIC BOX-BODY AND COVER ASSEMBLING APPARATUS. JOHN M. HOTHERSALL, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Jan. 6, 1923. Serial No. 610,960. 17 Claims. (Cl. 29—11.)



1. A machine for automatically assembling hinged covers upon metal box bodies, comprising means for advancing the covers and bodies in separated relationship,

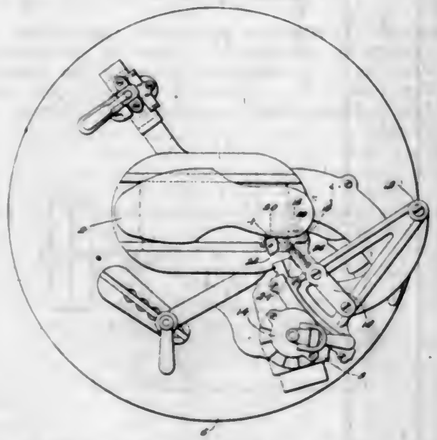
means for arranging said parts in adjacent relationship, and successively operating devices including hingedly connected fingers for bending and clinching together cooperating hinge forming lugs on the covers and bodies.

1,620,026. RAILROAD AND HIGHWAY CROSSING GATE. JAMES M. JONES, Lewisburg, Tenn. Filed Aug. 19, 1926. Serial No. 130,281. 3 Claims. (Cl. 246—293.)



2. In a structure of the class described, a wheel actuated device comprising a pair of sections, one section for each track rail, each section comprising a depressible supplemental rail disposed alongside of a track rail, shafts located beneath the end portions of said supplemental rails, operating connections between said supplemental rails, operating connections between the shafts and end portions, means associated with said end portions for rendering the operation of said supplemental rails gradual and true, means comprising equalizing bars connected with the end portions of the supplemental rails and extending outwardly and downwardly, together with stirrups with which the outer ends of bars are connected, said stirrups being adapted to be rockably mounted upon the track rails.

1,620,027. SOLE-ROUNDING MACHINE. GIDEON JULIAN, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Jan. 10, 1921, Serial No. 436,050. Renewed Jan. 22, 1923. 9 Claims. (Cl. 12—25.)



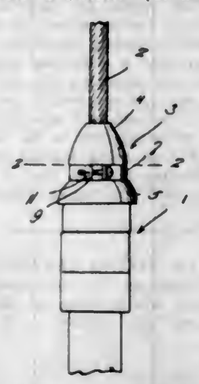
1. A sole rounding machine having, in combination, a pattern and a knife carrier relatively movable to cause the knife to travel around the pattern, a spring operated knife arm on the carrier, a knife holder, and an auxiliary support for the knife holder mounted for independent movement toward the pattern and normally held rigid with the knife arm by the pressure of the knife against the pattern.

1,620,028. COMBINED MOP AND WRINGER. EDWARD JUMONVILLE, New Orleans, La. Filed July 8, 1926. Serial No. 121,147. 2 Claims. (Cl. 15—120.)



1. A combined mop and wringer including a handle, a tube revolubly mounted thereon with one of its ends disposed adjacently to the end of said handle, a hand-grip surrounding said handle and revolubly and slidably movable over said tube, means securing one end of a mop fabric to said hand-grip and means securing the other end of said fabric to the end of said handle.

1,620,029. SWIVEL-SOCKET CLOSURE. JOSEPH J. KEARNEY, Henryetta, Okla. Filed Aug. 23, 1926. Serial No. 130,949. 2 Claims. (Cl. 24—114.5.)

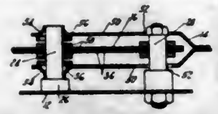


1. As a new product of manufacture, a swivel socket closure comprising a body of resilient material comprising a central longitudinal bore for reception of a cable line, the wall of the bore being corrugated to correspond to the corrugations of the cable, said body being longitudinally split, and a resilient clamping device for holding the split portions firmly about the cable.

1,620,030. BRAKE SHOE. WALTER L. KRIEG, Chicago, Ill., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed July 13, 1926. Serial No. 122,255. 6 Claims. (Cl. 188—250.)

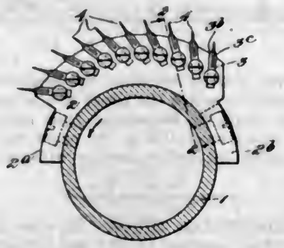
2. A brake shoe having a body formed of two stiffening flanges integrally united along their inner edges and

continued in opposite directions at their outer edges as cylindrical flanges, the stiffening flanges being separated at their inner edges for some distance from one end of the shoe and spread apart to form spaced anchoring arms,



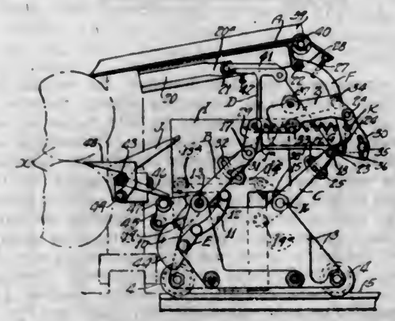
in combination with a band secured across the outer faces of said oppositely-extending cylindrical flanges and continued beyond the point where the stiffening flanges are spread apart, to bridge across said arms.

1,620,031. HALF LAP FOR COMBING TEXTILE FIBERS. JAMES K. LANNING, Fall River, Mass. Filed Mar. 17, 1926. Serial No. 95,259. 3 Claims. (Cl. 19—116.)



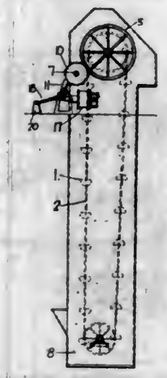
1. In a half-lap for combing fibers, the combination with an arcuate bed having a cylindrical peripheral surface with a series of longitudinal inwardly extending slots formed therein, a series of comb-bars fitted snugly into said slots each with its outer edge portion projecting somewhat beyond said peripheral surface, such projecting portion being beveled at front and rear to leave opposite inclined faces outside the peripheral face, and a row of needles imbedded in said bar between the beveled faces with their points projecting outward.

1,620,032. PLATE-LIFTING MECHANISM FOR ROLLING MILLS. THOMAS MCCABE, Arnold Borough, Pa. Filed Aug. 14, 1925. Serial No. 50,277. 27 Claims. (Cl. 80—47.)



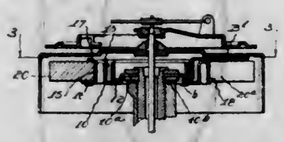
1. A plate lifting mechanism for rolling mills, comprising a work supporting means arranged at the rear of the rolls of the mill for receiving the work discharged from the rolls, a carrier for moving the work upwardly into a position to be discharged forwardly over the top roll of the mill, and an actuating mechanism for said carrier constructed so as to bodily raise and lower the carrier and cause it to assume a discharge position with its front end tilted downwardly towards the top roll, and thereafter move rearwardly far enough to clear said work supporting means during the downward stroke of said carrier.

1,620,033. NOISELESS ELEVATOR SAFETY STOP. WILLIAM FREDERICK MCMAHON, Riverside, Calif. Filed Dec. 9, 1924. Serial No. 754,744. 1 Claim. (Cl. 188—172.)



In an elevating mechanism, a driven element, an electric motor including a drive shaft, positively acting power transmitting mechanism between said shaft and the driven element whereby the latter is driven from the motor, a ratchet wheel keyed to the motor shaft between the motor and said power transmitting mechanism, a pawl cooperating with the ratchet wheel, a solenoid in circuit with the motor, a core for said solenoid connected with the pawl whereby the latter is held out of engagement with the ratchet while the motor is operating, and means moving the pawl into engagement with the ratchet upon the power to the motor being shut off and the solenoid being deenergized, whereby the elevating mechanism is positively held against backward movement.

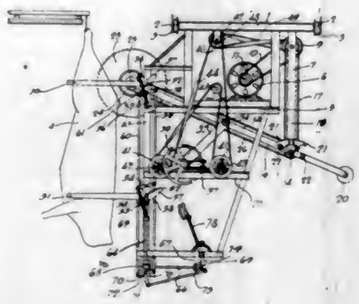
1,620,034. MAGNETIC SPEEDOMETER. JOHN K. OLSEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Aug. 24, 1925. Serial No. 51,892. 6 Claims. (Cl. 264—13.)



2. In a magnetic speedometer and the like in combination with the magnet rotor shaft and metal stamping mount for the magnet having a central area in a plane transverse to the rotor shaft and centrally secured to the latter and having annular corrugations concentric with the rotor shaft protruding in opposite directions from the plane of said central transaxial area; a ring magnet having a gap and mounted on and encompassing said mount; a thermostatic temperature compensator consisting of an integral bilaminate bar coiled with a radius approximating the mean radius of one of said corrugations of the mount and lodged therein and having at one end of the coil a limb extending transversely of the axis of the magnet and comprising a magnetically conducting part overhanging the magnet gap, said compensator being secured rigidly by the other end of the coil to the bottom of the corrugation in the mount, whereby the coil is free to expand and contract radially within the limits of the width

of the corrugations and adapted to move as a unit by flexure from its said point of securement throughout its length to and including said gap-over-hanging limb, for swinging the gap-over-hanging limb more or less over the magnet gap.

1,620,035. CARCASS-SPLITTING MACHINE. ARTHUR H. PAXTON, Omaha, Nebr. Filed Aug. 21, 1926. Serial No. 130,691. 9 Claims. (Cl. 17—23.)



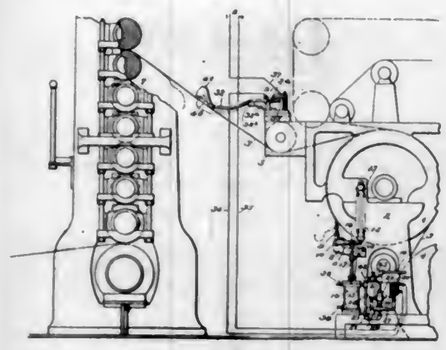
1. A carcass splitting machine comprising a frame, means for gripping and holding a carcass adjacent said frame, a saw frame pivotally mounted, a saw carried by said frame at its free end, driving means for said saw, constantly rotated drive gears, shiftable gears between the constantly rotated gears, arms carried by said shiftable gears, the ends of said arms being pivotally connected to the saw frame and means for shifting said shiftable gears.

1,620,036. TOY BALLOON. HAROLD PEMBERTON, Seattle, Wash., assignor, by direct and mesne assignments, to National Manufacturing Company, Seattle, Wash., a Corporation of Washington. Filed Dec. 29, 1923. Serial No. 683,288. 7 Claims. (Cl. 46—37.)



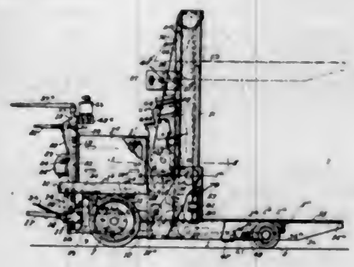
1. In a toy balloon, in combination, an inflating and deflating handle, an inflatable and deflatable bag of elastic material having a constricted neck portion secured to the inner end of said handle, and a protective casing of inelastic material enclosing said bag and having a constricted neck portion secured to said inner end of said handle.

1,620,037. PAPER-MAKING MACHINE. FRANK A. PESCHL, Jackson Heights, N. Y. Filed June 29, 1926. Serial No. 119,354. 20 Claims. (Cl. 92—38.)



1. In a paper making machine, the combination of a traveling member on which the paper web is supported, a doctor member normally disengaged from said traveling member, and means controlled by the paper web for automatically engaging the doctor member with the traveling member.

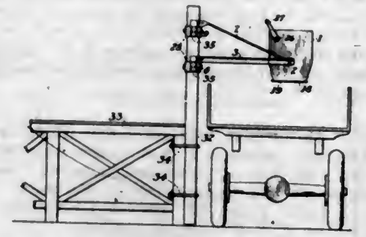
1,620,038. INDUSTRIAL TRUCK. EDWARD H. REMDE, Cleveland, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 19, 1924. Serial No. 732,979. 9 Claims. (Cl. 187—11.)



5. In apparatus of the class described, the combination of a frame, traction and supporting wheels therefor, a pair of guides disposed vertically on said frame, an elevating member having a load supporting section and a vertical section, said vertical section comprising inwardly extending arms and upright members disposed on the outer sides of said guides, upper and lower pairs of rollers carried by said upright members and engaging the outer sides of said guides and a plate connecting said upright members together, a power unit, and means operated by said power unit for raising and lowering said elevating member, said means comprising a flexible member and sheaves carried by said guides and said plate.

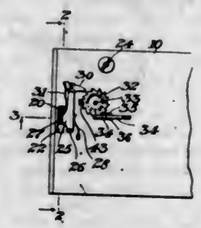
1,620,039. LOADING DEVICE. ROBERT D. ROBERTSON, Windsor, Ontario, Canada. Filed July 19, 1926. Serial No. 123,311. 8 Claims. (Cl. 214—38.)

1. A loading device comprising detachable clamps adapted to be secured to a vertical member, a supporting member pivotally mounted on one of said clamps, laterally disposed arms extending from said supporting member, a second supporting member pivotally mounted on the other of said clamps, braces secured to said second supporting



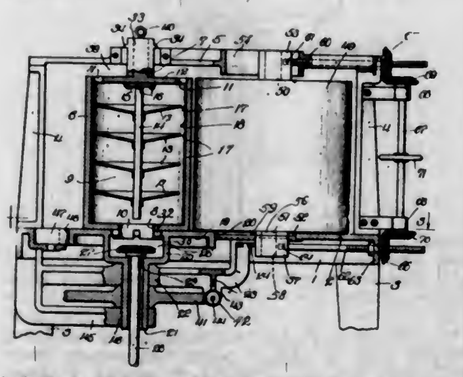
member and also to said lateral arms, a bucket mounted between said arms, and means for emptying the contents of said bucket.

1,620,040. VISIBLE REGISTERING DEVICE FOR CAMERAS. BLANCHE SCHADE, Gloucester, Mass. Filed Jan. 21, 1921. Serial No. 438,955. 3 Claims. (Cl. 235—91.)



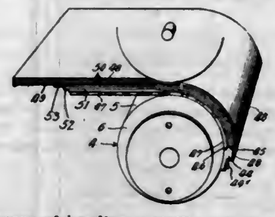
1. In a camera having a shutter and means for operating the shutter, a cover member having a side opening, a device provided with indicia and means selectively operable upon the operation of the shutter for moving said device either one or more steps according to the character of exposure being made, said device being arranged to bring successive indicia into register with said side opening upon the movement of the device through two steps.

1,620,041. MACHINE FOR BENDING METALLIC PRINTING PLATES SUCH AS STEREOTYPE AND ELECTROTYPE PLATES. CHRISTIAN N. SMITH, Elgin, Ill., assignor of one-half to William P. Topping, Elgin, Ill.; Alice Minnie Smith and Lily Irene Smith executrices of said Christian N. Smith, deceased. Filed Apr. 24, 1922. Serial No. 556,310. 25 Claims. (Cl. 153—40.)



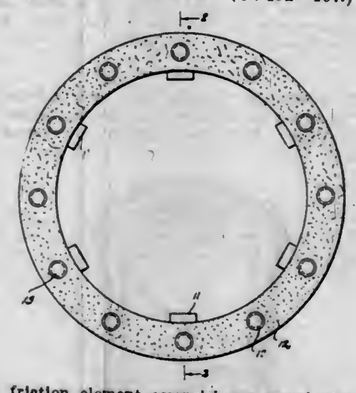
1. In a machine of the class described, the combination of a heating and bending roll rotatively mounted, means for heating said roll, a second roll rotatively mounted adjacent to the first-mentioned heating and bending roll and adapted to admit a metallic printing plate between said rolls, to be heated and bent, a moisture-containing element adapted to pass between the rolls in engagement with the face of the printing plate and means for rotating said first-mentioned heating and bending roll.

1,620,042. PROCESS FOR HEATING AND BENDING METALLIC PLATES SUCH AS STEREOTYPE AND ELECTROTYPE PLATES. CHRISTIAN N. SMITH, Elgin, Ill., assignor of one-half to William P. Topping, Elgin, Ill.; Alice Minnie Smith and Lily Irene Smith executrices of said Christian N. Smith, deceased. Original application filed Apr. 24, 1922, Serial No. 556,310. Divided and this application filed Oct. 17, 1925. Serial No. 63,114. 9 Claims. (Cl. 101—401.2.)



1. A process of bending metallic printing plates, which comprises placing in contact with the printing side of a printing plate a layer or sheet of moisture-containing compressible material adapted to be compressed into engagement with the interstices and depressions in and to moisten the printing side of such plate, and then compressing the moisture-containing material into said depressions, hereby filling the depressions in and moistening the printing side of the printing plate, and simultaneously bending the engaged moisture-containing compressible material and moistened metallic printing plate together.

1,620,043. MEANS AND METHOD FOR ATTACHING NONMETALLIC FACINGS TO WORKING-CLUTCH MEMBERS. FREDERICK C. STANLEY, Fairfield, Conn., assignor to The Raybestos Company, Bridgeport, Conn., a Corporation of Connecticut. Filed Dec. 10, 1924. Serial No. 755,097. 14 Claims. (Cl. 192—107.)

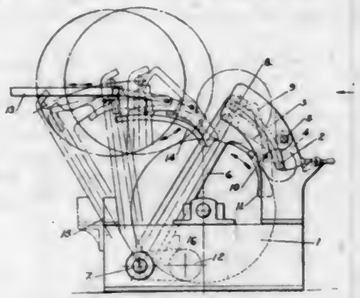


1. A friction element comprising a metal plate and a fibre facing secured to said plate by elements composed of approximately nine parts asbestos fibre and one part of a hardening binder.

1,620,044. WINDING MACHINE. WILLIAM M. STOCKER, Woodhaven, N. Y., assignor to Cameron Machine Company, Brooklyn, N. Y., a Corporation of New York. Filed Aug. 13, 1925, Serial No. 49,881. Renewed June 4, 1926. 11 Claims. (Cl. 242—65.)

1. A winding machine including: surface winding means, a winding shaft to be placed in winding relation

therewith, means to cause the winding shaft to progress over the surface of the winding means, a receiving support for the winding shaft to sustain it with the material accumulated thereon out of engagement with the



winding means, and a travelling transfer device, moved by the accumulation of material on the winding shaft after it has received the same, to receive the winding shaft as it progresses over the winding means and to eject it to the receiving support.

1,620,045. AWNING. WILLIAM R. TORRENT, Kansas City, Mo. Filed July 19, 1926. Serial No. 123,331. 7 Claims. (Cl. 156—15.)



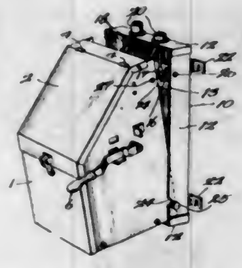
1. In an awning, a support having means for engaging and being supported by the jambs of a door or window, two devices circumferentially adjustable on said support, an awning frame adjustable bodily as a whole on said devices transversely to the axis of the latter, and an awning sheet mounted on said frame.

1,620,046. DISPLAY PLAQUE AND METHOD OF MAKING. WILLIAM VAN DIEST, Minneapolis, Minn. Filed June 4, 1926. Serial No. 113,728. 3 Claims. (Cl. 41—24.)



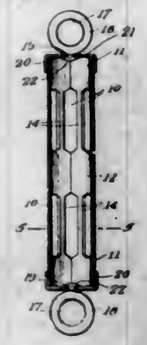
1. A method of making a card holder, consisting of applying to a base board, a member to define a central card receiving section, covering the surface of said board and member with a thin layer of a plastic composition, stippling the surface of said plastic layer, permitting said stippled surface to partially dry, applying a second coating of plastic material over predetermined portions of the stippled coating to form embossed designs and characters of predetermined form, permitting said plastic material to dry and applying finishing coatings to the surface of said plastic material to provide a finished display plaque.

1,620,047. SECTIONAL CABINET FOR ELECTRICAL APPARATUS. HERMON L. VAN VALKENBURG, Milwaukee, Wis., assignor to Industrial Controller Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Sept. 3, 1921. Serial No. 498,341. 4 Claims. (Cl. 247—9.)



1. A sectional cabinet for electrical apparatus comprising a stationary rectangular wall section closed at the back and open at the front and having side, top and bottom walls, electric terminals mounted within said wall section, a main section of the same rectangular size and outline and being of greater depth than the wall section to enable it to contain the electric apparatus proper, the main section being open at the back and having side, top and bottom walls, electric terminals mounted within the main section and adapted to be detachably connected to the terminals in the wall section, the main section having an opening in the front and a cover for closing said opening whereby when the main section is detached from the wall section the contents will be exposed from the back, and when the cover is open the contents will be exposed from the front, and means for detachably connecting the main section to the wall section to be supported and completely closed at the back by it.

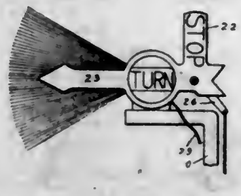
1,620,048. CHAIN LINK. LOUIS A. VEIGEL, Jr., Newark, N. J. Filed Dec. 17, 1923. Serial No. 681,140. 1 Claim. (Cl. 59—82.)



An ornamental chain link comprising a cylinder having a series of equally spaced, longitudinally disposed elongated openings in its wall, forming a series of longitudinal bars, said bars being arranged in circumferential rows, each of said series divided by a blank central portion, said bars being twisted axially to pro-

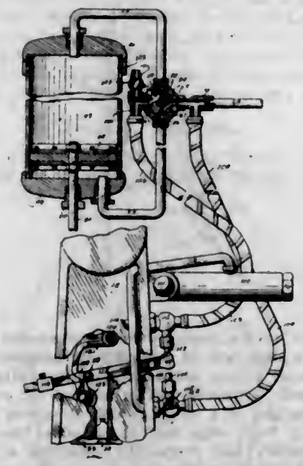
duce distortion, caps fixed on the ends of said cylinder, connecting elements having swivel stems secured in said caps and a lining of contrasting color disposed within the said cylinder and being visible to said openings.

1,620,049. SIGNALING APPARATUS FOR AUTOMOBILES. JOSEPH WEECH, Galesburg, Ill. Filed Aug. 18, 1923. Serial No. 657,115. 1 Claim. (Cl. 177—329.)



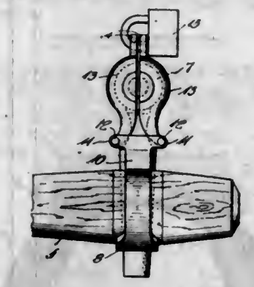
In a signaling device a lamp portion including a normally decnergized source of light, a housing therefor, and an opening at the rear of said housing through which light may pass, an indicating member comprising two sets of indicia, one indicating "stop" and the other "turn", means for mounting said indicating member on said lamp for movement from a normal position with the "stop" indicia in front of said opening, to a position wtih said "turn" indicia in front of said opening, and means for controlling said signal comprising means for illuminating said light to give a "stop" signal and for moving said indicating members from one position to the other and simultaneously energizing the light to give a "turn" signal.

1,620,050. MECHANISM FOR CONTROLLING AND OPERATING MOLDING MACHINES. FRANZ J. WOOD, Des Moines, Iowa. Filed Dec. 26, 1923. Serial No. 682,738. 7 Claims. (Cl. 22—56.)



1. In a molding machine, a main frame, a pattern frame mounted on said main frame, a mold table, pneumatic means for raising and lowering said mold table, said means including automatic means whereby the mold table will be moved upwardly at an accelerated speed and automatic means for moving the mold table downwardly at an accelerated speed different from that produced by its upward movement, the first part of the downward movement being comparatively slow, and the remainder of the downward movement quite rapid.

1,620,051. LOCKING DEVICE. JOSEPH ZITO, Utica, N. Y. Filed Mar. 19, 1926. Serial No. 96,003. 3 Claims. (Cl. 70—123.)



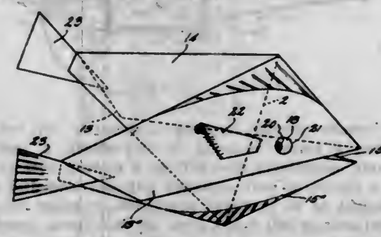
1. A locking device for a faucet having a body and a valve member passing through and projecting both upwardly and downwardly from such body; said locking device comprising a collar to snugly surround the body of the faucet, the lower portion of this collar having an opening to receive the projecting lower end of the valve, the upper portion of said collar being shaped to surround the projecting upper portion of the valve, and a pair of guard members pivoted to said upper portion of said collar and snugly engaging opposite sides of the valve and its handle to prevent rotation thereof, said guard members having their upper portions conforming to the shape of the handle and having means whereby they may be secured together.

1,620,052. ELECTROLYTIC APPARATUS AND ELECTRODE THEREFOR. WILLIAM G. ALLAN, Toronto, Ontario, Canada, assignor, by mesne assignments, to Farley G. Clark. Filed Sept. 13, 1924. Serial No. 737,518. 25 Claims. (Cl. 204—5.)



1. Electrolytic apparatus, comprising an anode and a cathode immersed in an aqueous electrolyte and spaced apart, a diaphragm pervious to the electrolyte and disposed between the electrodes, the said electrodes and diaphragm being so constructed and arranged that the area of the current path through the diaphragm will be greater than the greatest projected area of the diaphragm.

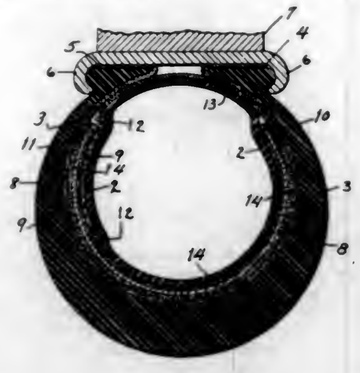
1,620,053. SHEET-MATERIAL TOY. CLARENCE E. ARUNDEL, Birmingham, Ala., assignor of one-half to F. F. Postell, Birmingham, Ala. Filed Aug. 9, 1924. Serial No. 731,073. 7 Claims. (Cl. 46—37.)



1. A toy of the character described, comprising folded members forming upper and lower jaws, the folds of one

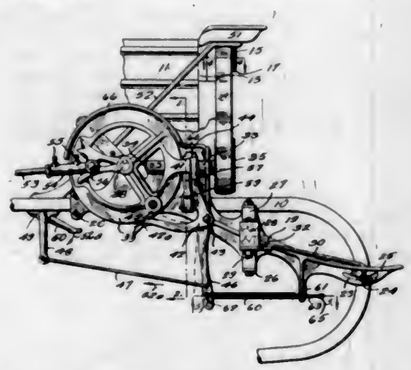
jaw overlapping the folds of the other, and rear body extensions each comprising relatively foldable members and each connected to the adjacent side folds of the upper and lower jaws.

1,620,054. INTERLINER. DAVID BAKER, Los Angeles, Calif. Filed Dec. 10, 1924. Serial No. 754,993. 1 Claim. (Cl. 152—18.)



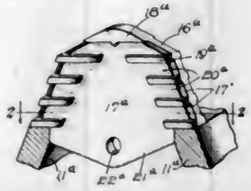
A guard for inner tubes of pneumatic tires, comprising an outer annular tube enveloping casing; annular flanges formed on said casing and adapted to be secured between the tire and a rim; an annular canvas inner casing secured to the inner wall of said outer casing, said inner casing having a folded annular portion forming a pocket adapted to lie between the inner tube and tire adjacent the tread portion thereof; a loose annular flap formed integral with said inner casing and adapted to be fitted over the inner periphery of the said inner tube; and the said pocket being adapted for the reception of a resilient armor.

1,620,055. TRIPPING MECHANISM FOR BINDERS. LAURITS KRISTIAN OLESEN BAKKE, Emmetsburg, Iowa. Filed Sept. 24, 1924. Serial No. 739,742. 4 Claims. (Cl. 56—475.)



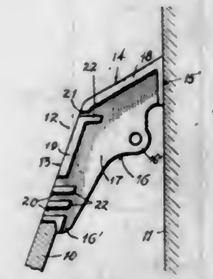
1. A bundle carrier tripping mechanism for binders comprising a frame mounted on the binder, a gear on said frame operatively driven from a moving part of the binder, a mutilated gear arranged adjacent said first gear and adapted to be operated therefrom, a roller on said mutilated gear, a bell crank lever on said frame having a hook member on one end for engaging said mutilated gear and retaining it in inoperative position, the other end of said bell crank lever terminating adjacent said roller whereby disengagement of the hook end thereof from the mutilated gear will cause the other end of said lever to strike against said roller, thereby causing said gear to start to rotate and a pitman connected to said mutilated gear for tripping the bundle carrier.

1,620,056. TUYÈRE STRUCTURE. ROYCE L. BEERS, Detroit, Mich., assignor, by mesne assignments, to Riley Stoker Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed Jan. 14, 1921. Serial No. 437,238. 3 Claims. (Cl. 110—44.)



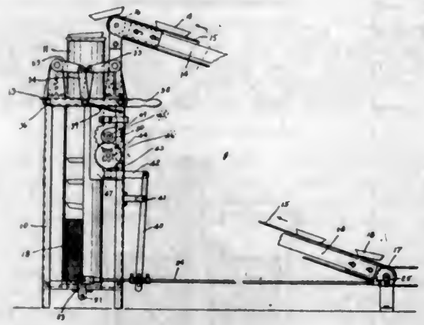
1. A plate-tuyère element comprising a body web of substantially uniform thickness, and a shallow marginal flange extending laterally from the body web along those sides that are to be exposed as part of the fire box floor, one of said flange portions being interrupted to provide tuyère openings, and said web being angularly deflected from its normal plane in said openings.

1,620,057. SIDE TUYÈRE STRUCTURE. ROYCE L. BEERS, Detroit, Mich., assignor, by mesne assignments, to Riley Stoker Corporation, Worcester, Mass., a Corporation of Massachusetts. Original application filed Jan. 14, 1921, Serial No. 437,238. Divided and this application filed Aug. 11, 1923, Serial No. 656,977. Renewed Dec. 3, 1926. 2 Claims. (Cl. 110—44.)



1. A plate tuyère structure of the character described comprising a body web of substantially uniform thinness, having a rear vertical portion for contact with the furnace side wall, a bottom portion notched for engagement with the margin of a retort which is spaced from the side wall, a front edge and a top edge that together extend upwardly and rearwardly affording a relatively long span between the bottom of the structure and the top of its rear edge, and a shallow marginal flange integral with said body web extending along the wall-contacting portion of the rear edge and along the top and front edges, said flange extending from one side only of the plate and being laterally interrupted, near its bottom to afford tuyère-openings, the portions 22 between said openings extending further back from the front edge of the plate than the general depth of the remainder of the bordering flange, substantially as and for the purposes described.

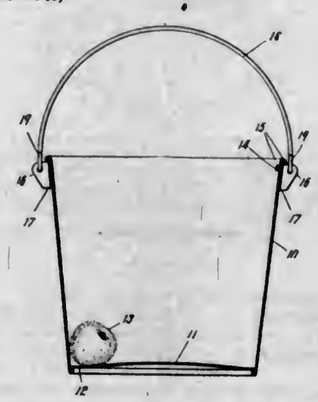
1,620,058. STACKING DEVICE. GEORGE A. BELL and JOHN H. CARSON, Marion, Ind., assignors to Indiana Fibre Products Company, Marion, Ind., a Corporation. Filed Mar. 8, 1926. Serial No. 93,351. 15 Claims. (Cl. 226—14.)



1. A stacking device of the character described, including an upright receptacle, means for discharging articles to be stacked into the top thereof so as to settle towards the bottom, and an agitating member mounted at the bottom of said receptacle for agitating the articles while stacking so as to cause them to nest or adjust their position therein.

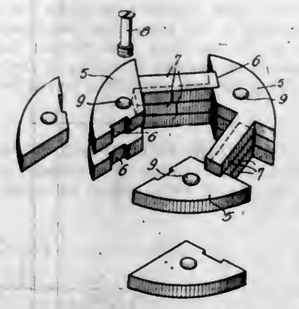
15. A stacking device of the character described, including an upright receptacle having an opening in one face thereof through which the articles stacked therein may be removed, means for guarding said opening so as to permit air to be discharged therefrom during the falling movement of the articles and prevent said articles from escaping, an endless belt for discharging articles to be stacked into the top thereof, an agitating member at the bottom of said receptacle for agitating the articles and causing them to nestle and position themselves with respect to each other, a gate intermediate the ends of said receptacle adapted to be closed upon a given number of articles having been stacked therein and arresting and supporting the additional articles discharged into the top thereof, means associated with said conveyor belt for actuating said agitating member, and means associated with said belt for causing said gate to close upon a given number of articles having been discharged into said receptacle.

1,620,059. FRUIT PAIL. JOHN L. BETTS, Woodbury, Ga. Filed Oct. 1, 1925. Serial No. 59,864. 2 Claims. (Cl. 220—97.)



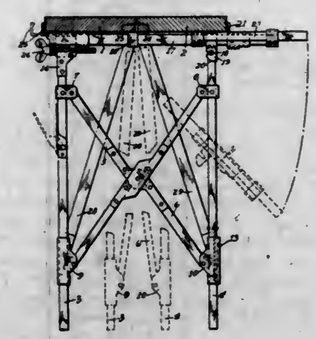
2. A plurality of nested containers, each of which has attached to its upper portion a pair of ears having attached thereto a bail, each ear having an outwardly extending bottom edge portion resting upon the top of the container next below, and an upwardly extending oblique edge portion resting against the bail of the container next below.

1,620,060. IGNITION MACHINE. FREDERIC BILLON and JAKOB BOHLI, Solothurn, Switzerland, assignors to Scintilla Aktiengesellschaft, Solothurn, Switzerland. Filed Aug. 16, 1926, Serial No. 129,628, and in Germany July 23, 1925. 6 Claims. (Cl. 171—252.)



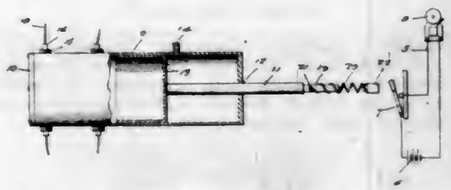
1. For use with an ignition machine having a rotor in the form of a fly-wheel magnet a stator having three poles, two cores connecting one of the poles with the other two poles and lying at an angle of approximately 60° with respect to one another, each of the said cores being adapted to support a coil.

1,620,061. FOLDING TABLE. FRANK N. BLAIR, Boise, Idaho. Filed May 7, 1926. Serial No. 107,428. 2 Claims. (Cl. 304—5.)



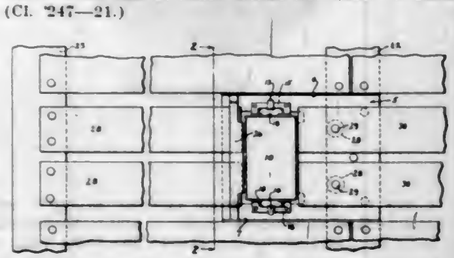
1. In a device of the type described, a folding trestle comprising a pair of legs, a crossbar pivotally carried by one of said legs, a brace pivotally secured at one end to said legs, means carried by said crossbar for gripping and for rigidly holding a plurality of boards, and means for rigidly securing said brace between said boards.

1,620,062. THERMAL CIRCUIT CLOSER. FREDRICH BOSSHART, Osnabrock, N. Dak. Filed Jan. 4, 1926. Serial No. 79,123. 2 Claims. (Cl. 200—142.)



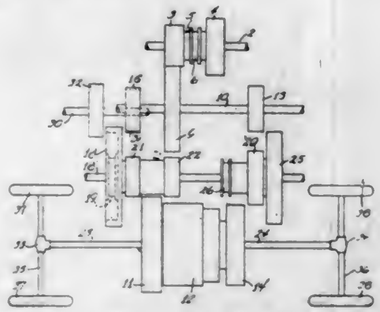
1. A circuit closer actuator including an explosively operated member, a coil spring partially disposed about one end of the member and fixed thereto, and a buffer element mounted on the free extremity of the coil spring, said spring being the sole supporting means for the buffer element.

1,620,063. COMBINED SWITCH-BOX SUPPORT AND LATH HOLDER. CLAUDE E. BOWERS, Los Angeles, Calif. Filed Jan. 9, 1925. Serial No. 1,420. 1 Claim. (Cl. 247—21.)



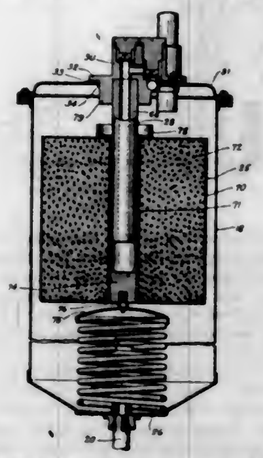
A support for loom boxes comprising a rectangular sheet metal plate provided adjacent one of its ends with a polygonal opening for the reception of a loom box, two of the oppositely disposed edges of the opening being provided with bendable attaching prongs adapted to engage and support a loom box within the polygonal opening, said plate being provided with a vertical slit adjacent one of the vertical edges of the loom box opening, the metal at one side of the slit being bent outwardly from the outer face of the plate to form a support for the unsecured ends of lathing.

1,620,064. TRANSMISSION. ALBERT BOWER BOWMAN, Grand Rapids, Mich. Filed July 20, 1925. Serial No. 44,844. 3 Claims. (Cl. 74—58.)



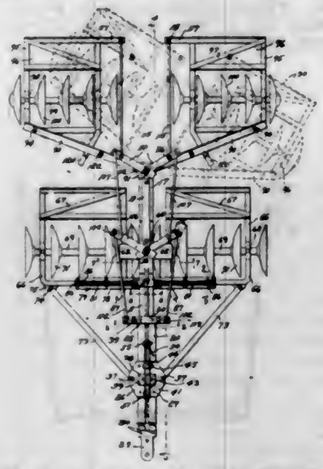
1. A transmission comprising a driving shaft, two gears mounted upon said driving shaft, a driven shaft, two gears operatively connected to said driven shaft, an intermediate chain of gears for each of said first named gears for connecting said first named gears with said second named gears, and means for directly connecting said first named gears with said second named gears and for disconnecting said chains of gears from said first and said second named gears.

1,620,065. PUMPING MECHANISM. CHESTER H BRASELTON, New York, N. Y., and CARL P. BROCKWAY Toledo, Ohio; said Brockway assignor to said Braselton. Filed July 28, 1922, Serial No. 578,064. Renewed May 10, 1926. 5 Claims. (Cl. 103—158.)



1. In a system of the character indicated, a combination of an auxiliary tank, an inertia member located in said tank, a spring cooperating with said inertia member and resting upon the bottom of said tank and a unitary die-cast pump valve assembly provided with inlet and discharge passages, inlet and outlet valves and a hollow stationary piston extending between said die-cast unit and said inertia mass, said hollow member being located between the inlet and outlet valves in said unit.

1,620,066. DISK HARROW. LOUIS BRENNEIS, Oxnard, Calif., assignor to Brenneis Manufacturing Company, Oxnard, Calif., a Corporation of California. Filed Jan. 5, 1925. Serial No. 542. 12 Claims. (Cl. 55—83.)



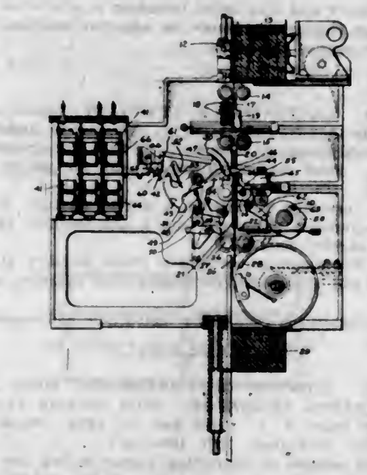
1. In a disk harrow, the combination of: a main frame; front gang structures each having a rigid arm, said arms being pivoted to said main frame at a common point; a

draft frame movable relative to said main frame; latch mechanism for locking said main frame and said draft frame against relative movement, said latch mechanism being operable in a manner to allow relative movement between said main frame and said draft frame; and front links extending between said front gang structures and said draft frame, said front links being adapted to normally retain said front gangs in non-working position and being adapted to move said front gang structures into working position when a relative movement occurs between said main frame and said draft frame.

1,620,067. CELLULAR PLASTER. HARRY E. BROOKBY, Chicago, Ill., and GEORGE D. KING, Fort Dodge, Iowa, assignors to United States Gypsum Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 9, 1926. Serial No. 80,342. 13 Claims. (Cl. 106—34.)

13. A heat and sound insulation material which is substantially non-efflorescent and of a homogeneous cellular texture and weighing not over 30 pounds per cubic foot, which results from the gauging with water of a mixture comprising gypsum, a relatively small percentage of alum and granular sodium bicarbonate, dextrinized starch, and soap bark.

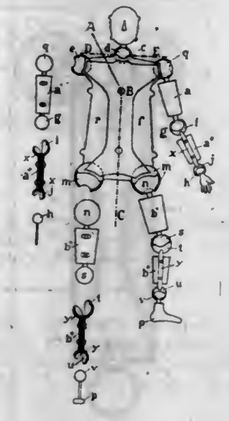
1,620,068. TABULATING CARD-PRINTER DEVICE. JAMES W. BRYCE, Bloomfield, N. J., assignor to The Tabulating Machine Company, Endicott, N. Y., a Corporation of New Jersey. Filed Mar. 19, 1925. Serial No. 16,624. 5 Claims. (Cl. 101—96.)



1. An apparatus for printing record cards, comprising means for feeding cards through the machine, means for reading the combinational perforations in each card, means for translating the readings, and means for printing the translation on the card itself.

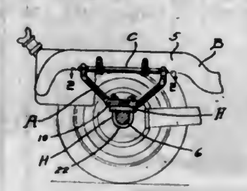
1,620,069. FRAME OR BODY OF JOINTED DOLLS AND OTHER ARTICULATED OR JOINTED TOYS. AUGUST BUCHMANN, Amriswil, Switzerland. Filed June 27, 1921, Serial No. 480,825, and in Switzerland Jan. 27, 1921. 7 Claims. (Cl. 46—46.)

2. A frame or skeleton for jointed dolls and other jointed toys having ball and socket joints comprising a body portion, two laterally movable ball cup sectors on said body portion to form a socket, a pair of springs secured at one end to the body portion at opposite sides of the said joint and having free spaced terminals pressing against the exterior of the cup sectors at opposite sides of the joint, a member to be jointed to the body portion,



and a ball on the said member arranged in the ball cup sectors and confined therein by the clamping action of the said springs.

1,620,070. SPRING SUSPENSION. CHARLES H. BUCKLEE, Camden, N. J. Original application filed Feb. 4, 1922, Serial No. 534,191. Divided and this application filed Oct. 28, 1925. Serial No. 65,431. 1 Claim. (Cl. 267—20.)



In a motor vehicle, the combination with the chassis thereof including a frame and axle, of resilient suspension means for connecting the frame and axle, said suspension means comprising, a cylinder, pistons in said cylinder and rods for said pistons extending in opposite directions out of the cylinder, end bearings in the cylinder, guiding said piston rods, a coil spring between said pistons, a coil spring for each piston disposed between it and its respective end bearing, sleeves secured to the chassis frame and embracing said cylinder adjacent said bearings for securing the cylinder in spaced relation longitudinally of the frame, and links in converging relation from the outer ends of said piston rods and connecting the same to the axle.

1,620,071. GAS BURNER. CHARLES C. CHAPPELLE, New York, N. Y. Filed May 21, 1924. Serial No. 716,874. 9 Claims. (Cl. 158—112.)

1. In a gas burner, the combination of a tubular body portion, a Venturi mixing tube extending part way into said body portion, a flame check screen having an un-

obstructed portion extending below the upper end of the mixing tube, an extension projecting upwardly from the mixing tube, and a burner head removably anchored to said extension in position on the outlet end of said body portion and adapted to enclose the upper end of



said flame check screen and removably hold the same in position, said burner head being provided with an annular skirt extending into said body portion and spaced apart therefrom to provide arcuate ports for the issuance of combustible mixture from said body portion.

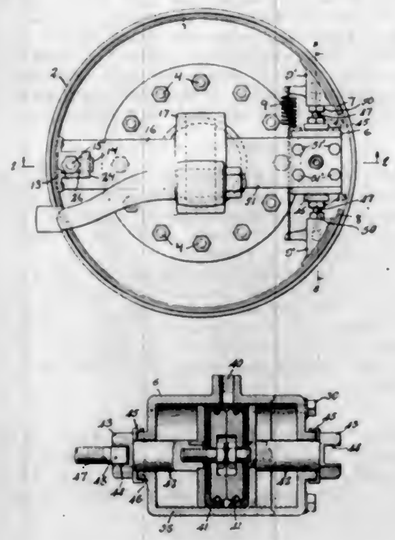
1,620,072. CASE FOR TENNIS RACKETS. HERBERT CHASE, Forest Hills, N. Y. Filed Sept. 19, 1921. Serial No. 501,675. 2 Claims. (Cl. 150—52.)



1. A tennis racket case comprising a body shaped to conform to and enclose a racket consisting of two sheet portions connected at their outer edges and forming a seal impervious to moisture, two jaws hingedly connected to the body at opposed points of the greatest width thereof, metal bows for stiffening the edges of the said jaws, a gasket in the outer edges of the said jaws and clamping elements hingedly connected on said bows for locking the jaws, said gasket constituting a continuation of the edge seam of the body whereby the open end of the case is rendered moisture proof.

1,620,073. VEHICLE BRAKE. NIELS A. CHRISTENSEN, Milwaukee, Wis. Filed Mar. 22, 1924. Serial No. 701,062. 6 Claims. (Cl. 188—152.)

1. In brake mechanism of the class described, the combination with a brake-drum, of a brake, a fluid-pressure motor having a fluid-pressure-operated thrust rod, an adjustable direct end thrust connection between said rod



of said motor and said brake including a jack-screw and means for locking said screw in adjusted position, and means to release the brake.

1,620,074. LACTONITRILE FUMIGANT. LUDWIG J. CHRISTMANN, New York, N. Y., assignor to American Cyanamid Company, New York, N. Y., a Corporation of Maine. Filed Aug. 3, 1925. Serial No. 48,005. 9 Claims. (Cl. 167—6.)

1. An insectide comprising a stable mixture of an organic cyanogen compound and a non-alkaline, saponaceous adhesive material.

5. An insecticide comprising a stable mixture of lactonitrile and a non-alkaline saponaceous adhesive material.

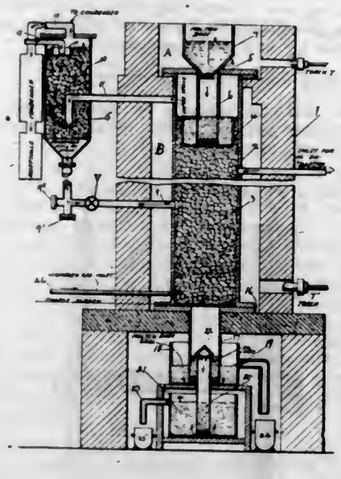
7. An insecticide comprising lactonitrile and saponin.

1,620,075. PROCESS OF CONVERTING OILS AND APPARATUS THEREFOR. JOHN COLLINS CLANCY, Asbury Park, N. J. Filed Apr. 16, 1924. Serial No. 706,854. 15 Claims. (Cl. 196—54.)

1. In a process of converting higher boiling oils into lower boiling oils, the combination of steps which comprise introducing a stream of a mixture of such higher boiling oils and aluminum chlorid into the upper end of a sealed retort having a portion thereof maintained at a temperature to effect an oil cracking reaction therein, delivering into contact with the said oil mixture a stream of a metal chlorid which is capable of holding in suspension a portion at least of the carbon separated out in said reaction, the said metal chlorid being in molten condition, preventing the accumulation of carbon deposits in the retort by allowing said molten chlorid containing such suspended carbon and the unvaporized oil, carrying its quota of separated carbon in suspension, to discharge from the retort, and collecting the evolved vapors of lower boiling oils and aluminum chlorid from the retort.

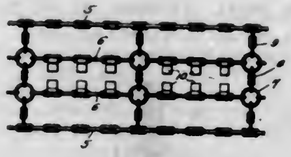
8. In a process of producing low boiling oils from chlorid sludges resulting from the distillation of high boiling oils with aluminum chlorid the step comprising,

contacting and commingling said chlorid sludges with a molten mixture of sodium chlorid and zinc chlorid in the presence of hydrogen while said molten mixture is



circulating through and into contact with an intersticed mass of nickel packing units a portion at least of the latter being maintained at cracking temperature.

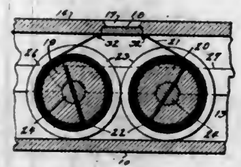
1,620,076. ANTISKID CHAIN FOR TIRES. WILLIAM H. COAD, Nowata, Okla. Filed Mar. 5, 1926. Serial No. 92,553. 2 Claims. (Cl. 152—14.)



1. In an anti-skid device for tires, a pair of chains extending circumferentially around the tire and arranged on opposite sides of the tread portion thereof, and metallic plates pivotally connected to the links of each chain at predetermined points, said plates adapted to swing inwardly and engage beneath the tread of the tire and the ground to prevent lateral skidding.

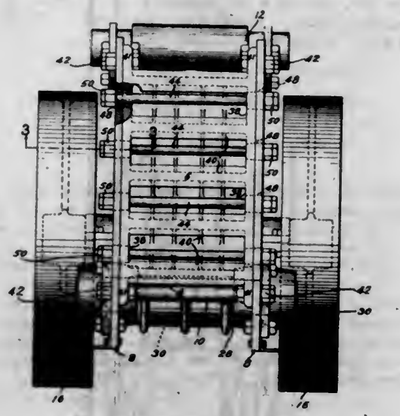
1,620,077. BRIDGE-SCORE RECORDER. CHARLES A. COOKE, Sioux City, Iowa. Filed June 18, 1926. Serial No. 116,838. 2 Claims. (Cl. 40—86.)

1. In a device of the class described, a casing having a compartment formed between two walls, a pair of spools mounted between said walls and movable a limited distance toward and from the top of the casing, said spools having flanges in frictional engagement with each other and being connected by a web, one of the spools being provided with means for imparting rotation thereto and the other spool being driven by the connect-



ing web in such a direction that the frictional engagement of said flanges will retard the rotation of said other spool to maintain the web taut.

1,620,078. STONE CRUSHER. EDWARD F. COOKINHAM, Frankfort, N. Y., assignor to Acme Road Machinery Company, Frankfort, N. Y., a Corporation of New York. Filed Jan. 8, 1923. Serial No. 611,276. 5 Claims. (Cl. 83—53.)



1. A stone crusher having, in combination, a stationary crushing member, a support therefor having its longitudinal edges provided with rearwardly projecting flanges, a cooperating crushing member movable with relation thereto, and means for holding the stationary crushing member in position comprising side plates arranged adjacent to the outer sides of the flanges, respectively, said side plates and flanges having registering apertures that taper inwardly, with the apertures at opposite sides of said member in axial alinement, tapering bushings fitting said registering apertures and provided with axial apertures, and clamping bolts extending through the axial apertures in said bushings and across the back of said stationary member to secure the plates together and to hold said bushings in position.

1,620,079. BOTTLE RECEPTACLE. HERBERT CULP, Willoughby, Ohio. Filed Sept. 21, 1925. Serial No. 57,692. 4 Claims. (Cl. 232—41.)

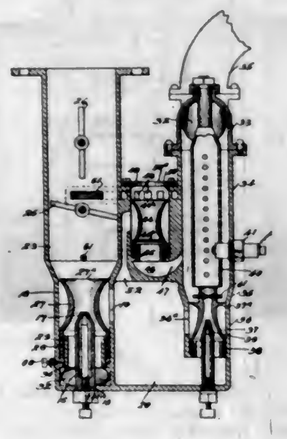
1. A bottle receptacle comprising a box having a door at the front and a hanger in the top of the box, the door being hinged at its upper end to the top of the box and

provided with a latch engageable when the bottle stands on the bottom of the box, the hanger being adapted to hold the bottle at such an elevation above the bottom of



the box that the door will contact with the side of the bottle when in open position to prevent closure of the door.

1,620,080. CARBURETOR. ROY S. CUNNINGHAM, Los Angeles, Calif., assignor of one-third to Frank J. Hassell and one-third to James R. Kell, both of Los Angeles, Calif. Filed Mar. 10, 1925. Serial No. 14,440. 11 Claims. (Cl. 123—122.)



1. Carbureting apparatus including, in combination with a motor, a main jet and mixing means, and a fuel burning stove having an air passageway leading to the jet and mixing means, and exhaust heated air supply means for cutting out the stove after the associated motor is heated.

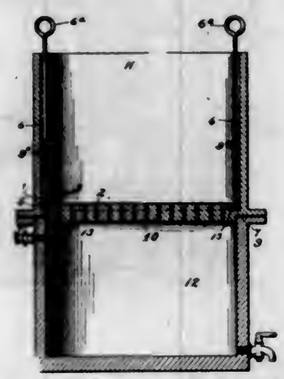
1,620,081. ALLOY OF LITHIUM AND ALUMINUM. JOHANN CZOCHRALSKI and GEORG WELTER, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to Allied Process Corporation, New York, N. Y., a Corporation of New York. Filed June 28, 1920, Serial No. 392,494, and in Germany Feb. 15, 1919. 10 Claims. (Cl. 75—1.)

1. As a new article of manufacture, a structural element formed of an aluminum base alloy substantially free from silicon and containing an appreciable amount of lithium up to 40 percent thereof.

1,620,082. ALUMINUM ALLOY CONTAINING LITHIUM. JOHANN CZOCHRALSKI, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Allied Process Corporation, New York, N. Y., a Corporation of New York. Filed Dec. 7, 1923. Serial No. 679,262. 8 Claims. (Cl. 75—1.)

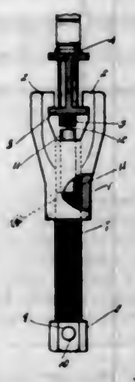
1. The hereindescribed alloy consisting predominantly of aluminum and substantially free from silicon, and containing an appreciable amount of lithium in less proportion than one-half of one per centum.

1,620,083. FILTER. EMILE DE STUBNER, New York, N. Y. Filed Aug. 18, 1923. Serial No. 658,024. 3 Claims. (Cl. 210—149.)



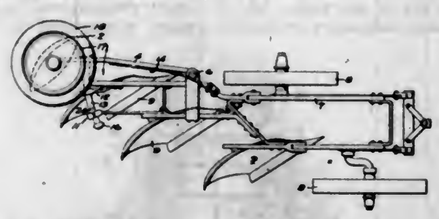
1. In combination with a vessel provided with a permeable bed extending entirely across the interior thereof and having an annular cavity, an annular frame seated removably in the cavity and a filtering fabric fastened to the frame and extending over and resting on the permeable bed.

1,620,084. PERCH PULLER. JESSE E. DOWLEY, Jackson, Mich., assignor to Jackson Machine & Tool Company, a Corporation of Michigan. Filed Apr. 27, 1925. Serial No. 26,117. 2 Claims. (Cl. 29—85.)



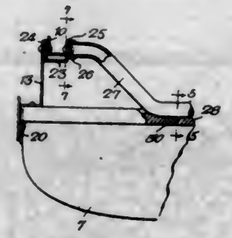
1. A perch remover adapted to be attached to opposite sides of the lower flange of an automobile axle of I-beam cross-section, and comprising an elongated cylindrical body having spaced-apart arms terminating in jaws, a threaded opening through said body, a thrust rod therein, one end of which is turned to a smaller diameter for a length equal to the depth of the axle, and a transversely disposed handle extending through said thrust rod.

1,620,085. PLOW. BARTHOLOMEW L. DRISCOLL, Watsonville, Calif. Filed Apr. 17, 1923. Serial No. 632,645. 3 Claims. (Cl. 97—137.)



1. An apparatus for cultivating the soil between trees comprising a main frame adapted to be propelled in a substantially straight line past one side of the trees, a frame mounted on said main frame for pivotal movement about a vertical axis and normally extending to one side of the main frame, a spring interposed between said main and pivoted frames for resiliently pressing said pivoted frame to its normally extended position, a cultivating implement on the extended end on said pivoted frame, a fending wheel journaled about a substantially vertical axis on said pivoted frame, an arcuate arm on said pivoted frame concentric with the pivotal axis thereof, and guides on said main frame in which said arm is slidably arranged.

1,620,086. BED DAVENPORT. DARRELL F. DYER, Chicago, Ill., assignor to The Seng Company, Chicago, Ill., a Corporation of Illinois. Filed May 1, 1922. Serial No. 557,715. 3 Claims. (Cl. 5—34.)



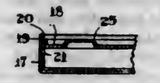
3. In a bed davenport, an invertible seat having an underframe, supporting brackets at the ends of the frame, a sectional bed bottom pivoted in the brackets, a truss bar having an intermediate offset, and a fitting at each end of the truss bar extending partially around the bed bottom frame and connected with the supporting bracket so that it will be pivoted concentric with the bed bottom.

1,620,087. STOP SIGNAL FOR CROSSINGS. GEORGE LINCOLN ESTES, Oklahoma City, Okla. Filed Feb. 21, 1925. Serial No. 10,843. 1 Claim. (Cl. 94—1.5.)



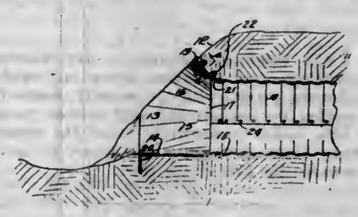
As an improved article of manufacture, the herein described stop signal embodying in a single element a hemispherical shaped hollow body with interior reinforcements at the base with their bases apertured for the reception of securing means, and provided with a plane sloping surface for indicia having a side recess at the top thereof to receive a jewel, and a radial reinforcing rib extended from the inner rim of the base to said jewel-receiving recess.

1,620,088. VANITY CASE. FRANCIS A. FAIRBAIRN, Montreal, Quebec, Canada, assignor to Palmers Limited, Montreal, Canada. Filed May 5, 1925. Serial No. 28,203. 5 Claims. (Cl. 132—83.)



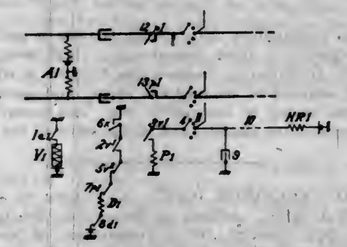
1. An independently removable and replaceable powder holder shaped and sized to completely fill one of the container sections of a vanity case when inserted therein, said holder comprising a bottom wall, a marginal wall extending upwardly from the edge of the bottom wall and a perforated closure plate having its edge portion turned upwardly and outwardly to provide, respectively, a marginal flange adapted to fit snugly within said marginal wall and a continuous supporting ledge terminating said flange and disposed at right angles thereto so as to engage the upper edge of said marginal wall to thereby support the cover plate in spaced relation to the bottom wall of the holder and below the upper edge of said marginal wall.

1,620,089. HEAD-WALL STRUCTURE FOR CULVERTS. ALBERT F. FISCHER, Mason City, Iowa. Filed Dec. 23, 1924. Serial No. 757,584. 1 Claim. (Cl. 61—16.)



A head wall for culvert ends adapted to be mounted upon the end of a culvert comprising a member bent to form a bottom, side and top walls, the inner ends of said bottom, side and top walls being curved to form a circular opening for receiving the culvert, said top wall being bent upwardly from its inner edge for preventing dirt adjacent the head wall from passing into the culvert, a marginal corrugated flange on the inner edge of said member for coacting with and engaging the end of the culvert, a peripheral flange around the outer end of said member, said flange being wider along the bottom of said member whereby an apron is formed.

1,620,090. TELEPHONE SYSTEM. ARTHUR FLAD, Berlin, Germany, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Filed Apr. 23, 1926, Serial No. 104,022, and in Germany June 27, 1925. 6 Claims. (Cl. 179—18.)

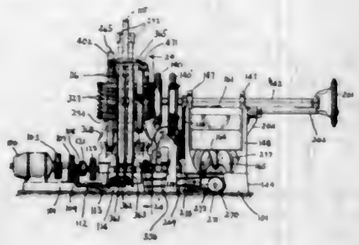


1. In a telephone system, a trunk line, a condenser connected to the test conductor of said trunk line, a circuit for charging said condenser, and a test relay initially energized in series with said condenser and maintained energized thereafter over a section of said charging circuit.

1,620,091. INSULATION COMPOSITION. FRANK H. FORD, Hattiesburg, Miss. Filed Jan. 23, 1926. Serial No. 83,399. 5 Claims. (Cl. 106—18.)

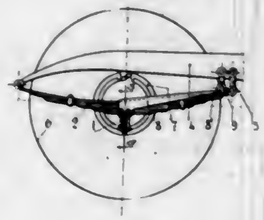
5. An insulation composition of the character set forth comprising, from 10 to 20 parts of a body composed of particles of ligneous material and one part of a binder composed of the following ingredients in approximately the following proportions, lime 20%, cement 75% and iron oxide 5%.

1,620,092. CORD-TIRE MACHINE. WILLIAM G. FORDING, Cleveland, Ohio. Filed Jan. 12, 1923. Serial No. 612,175. 34 Claims. (Cl. 154—11.)



5. In a tire building apparatus, a tire building support, a plurality of cord guiding devices arranged about a circumference coaxial with the support, means for relatively moving the support and said devices along their common axis, means to relatively rotate the support and said devices about such axis, and means to move said devices towards the axis of the core.

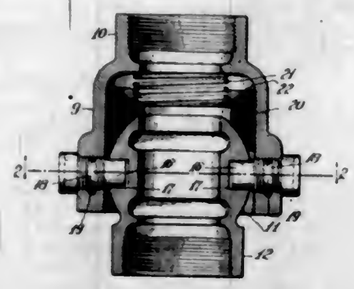
1,620,093. DEVICE FOR PREVENTING ABNORMAL FLEXURE OF THE SPRINGS OF MOTOR VEHICLES. GUIDO FORNACA, Turin, Italy. Filed Dec. 5, 1924, Serial No. 754,189, and in Italy Dec. 6, 1923. 4 Claims. (Cl. 267—66.)



3. The combination of a vehicle chassis, a spring connected thereto, a strut comprising a rigid member substantially U-shaped in cross-section forming a stirrup at one end adapted to embrace the spring and operating to clamp the spring to the vehicle axle, and means to pivotally connect the opposite end of the strut to the chassis.

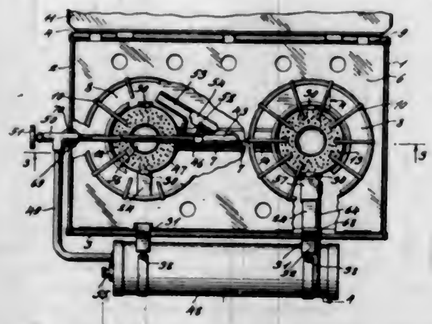
1,620,094. FLEXIBLE JOINT. LAWRENCE H. GILLICK, St. Paul, Minn., assignor to Vapor Car Heating Company, Inc., Chicago, Ill., a Corporation of New York. Original application filed July 26, 1920, Serial No. 398,882. Divided and this application filed July 2, 1925. Serial No. 41,054. 9 Claims. (Cl. 285—93.)

1. A flexible joint comprising a socket member, a ball member extending into said socket but out of contact therewith, studs fixed to one of the members and projecting radially of the ball, the other member being provided with spaced opposing surfaces between which the studs are confined to prevent bodily movement of the ball into or out of the socket, but to permit swinging and rotational movements of the ball member with respect to the



socket, a gasket slidably mounted in said socket and having a concaved bearing portion shaped to fit snugly the inner end of the ball member, and a spring interposed between the gasket and a portion of the socket for maintaining the gasket in operative contact with the ball member.

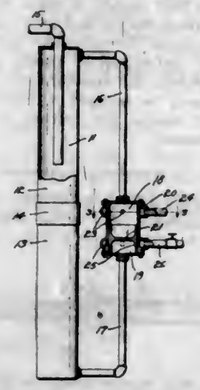
1,620,095. GASOLINE CAMP STOVE. LOUIS B. GOLDBERG, NATHAN GOLDBERG, WILLIAM GOLDBERG, and JACOB M. GOLDBERG, Denver, Colo. Filed May 3, 1926. Serial No. 106,389. 6 Claims. (Cl. 158—83.)



1. A gasoline vapor stove comprising in combination, a tubular manifold closed at both ends, a burner connected to the manifold, a tubular mixing chamber pivotally attached to the manifold so as to be in communication with the interior thereof, and movable with respect thereto, a priming cup associated with said burner and manifold, a trough secured to one side of the mixing chamber and a generator tube extending over the priming cup said tube being adapted to communicate with the trough or the mixing chamber.

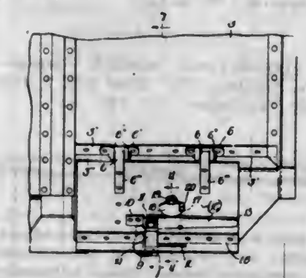
1,620,096. GAS AND OIL SEPARATOR. FORD W. HARRIS, Los Angeles, Calif. Filed Apr. 23, 1925. Serial No. 25,454. 11 Claims. (Cl. 183—2.7.)

1. In an oil and gas separator, the combination of: walls forming a separating chamber; means for introducing an oil and gas mixture into said separating chamber; walls forming a control piston chamber; a gas conduit connecting the upper portion of said separating chamber with the upper end of said piston chamber; an oil conduit connecting the lower portion of said separating chamber with the lower end of said piston chamber, a gas delivery port opening from the upper end of the bearing surface of said piston chamber, and an oil delivery port opening from the lower end of the bearing surface of said piston chamber; and a piston slidably disposed



in said piston chamber and adapted in its up position to close said gas delivery port and in its down position to close said oil delivery port.

1,620,097. DUMP-DOOR MECHANISM. DAVID HINDAHL, Chicago, Ill., assignor to Harry S. Hart, Chicago, Ill. Filed Nov. 3, 1924. Serial No. 747,404. 3 Claims. (Cl. 105—308.)



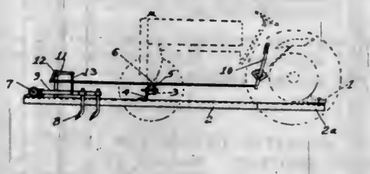
1. In a railway dump car, a floor member, a swinging door, said floor member and door having abutting relationship to form a closure, a reinforcing angle on said door along the line of said closure, a hook member secured to said floor member on the under side of said floor member, and a lever member mounted upon said swinging door and having a portion adapted to have hooking relationship with said hook member, the angle on said swinging door being provided with a slot for reception of said lever member.

1,620,098. PARKING METER. WALTER A. HOMAN and CHARLES T. AUSTIN, Denver, Colo. Filed June 27, 1925. Serial No. 39,950. 7 Claims. (Cl. 161—15.)



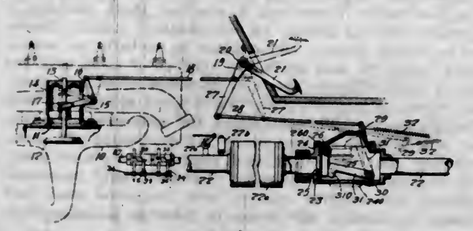
1. In a machine having a member that moves when the machine is in operation, means for causing said member to move and means for causing said movable member to come to rest, the combination with said movable member of a clock mechanism having means for indicating the elapse of time, means for causing said indicating means to become operative when the movable member is stopped and means for causing the indicating means to become inoperative and to return to zero position after the movable member has made a predetermined number of movements.

1,620,099. CULTIVATOR ATTACHMENT FOR TRACTORS. LOREN HOVER, Saginaw, Mich., assignor of one-half to Elmer Hopkins, Saginaw, Mich. Filed Aug. 5, 1924. Serial No. 730,140. 1 Claim. (Cl. 97—47.)



The combination with a tractor having a draw bar and a front axle, of a cultivator frame comprising a pair of side members spaced apart, located close to the draw bar and extending lengthwise from the rear end of said bar beneath the front axle and in advance of the tractor, the rear end of said frame secured direct to the rear end of the draw bar, a cross brace on said frame, a pin projecting horizontally from said axle and slidingly engaging said brace, and tools carried by the projecting end of said frame.

1,620,100. MEANS FOR BRAKING ENGINE-DRIVEN VEHICLES. LLEWELLYN G. HOXTON, University, Va. Filed June 20, 1923. Serial No. 646,723. 4 Claims. (Cl. 188—91.)

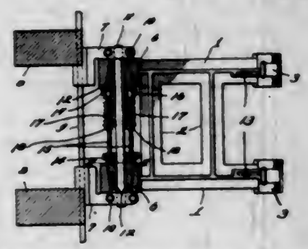


1. The combination of the manifold of an internal combustion engine having beyond the carburetor a passage for air received from a point outside the manifold, a valve for opening and closing such passage, an exhaust pipe for the engine, a valve for opening and closing such pipe, and means for simultaneously opening one valve and closing the other.

1,620,101. PACIFIC COAST TYPE TRIMMER WITH TIGHTENER TAKE UP. CHARLES A. HUFFMAN, Longview, Wash., assignor to The Long-Bell Lumber Company, Longview, Wash., a Corporation of Missouri. Filed July 13, 1925. Serial No. 43,243. 2 Claims. (Cl. 308—71.)

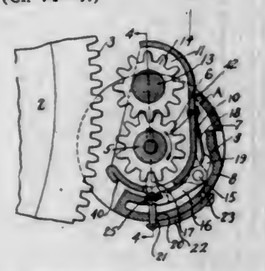
2. A saw ladder having opposed conical bearing-receiving openings at one end, a suitably-supported guide rod extending through said openings, a pair of slit conical bearings at each end of said rod within said bearing openings, a follower on said rod in contact with

one pair of said conical bearings, a pair of bolts carried by said follower, a second follower in contact with the other pair of bearings and having sliding engagement



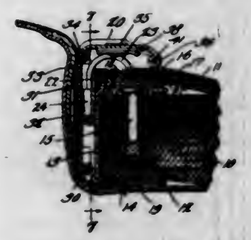
with said bolts, and expansion springs exerting pressure in opposite directions on said followers to force the conical bearings into position.

1,620,102. STARTING DEVICE FOR INTERNAL-COMBUSTION ENGINES. STEPHEN JENCICK, Cleveland, Ohio. Filed June 11, 1920. Serial No. 388,195. 11 Claims. (Cl. 74—7.)



1. Starting mechanism for operative connection with a gear that is adapted to be driven by an internal combustion motor, comprising a starting shaft carrying a primary driving pinion, an intermediate pinion adapted to be driven thereby and adapted to move in an orbital path about the said shaft into and out of mesh with the motor gear, a frame rotatably mounted upon said starting shaft, said intermediate pinion being mounted in said frame, means upon said frame for preventing rotation of said primary pinion, means for controlling the same, whereby the rotation of said intermediate pinion about its own axis will be retarded to cause orbital movement thereof into meshing relation with the motor gear, and means for locking said frame in different positions with respect to the said starting shaft.

1,620,103. LOOSE-LEAF BINDER. HENRY B. JENNINGS, Jr., Long Island, Va. Filed June 18, 1924. Serial No. 720,822. 8 Claims. (Cl. 129—23.)



1. In a loose leaf binder, a sectional transversely channel-shaped clamp, means extending transversely of the clamp for removably securing the sections together, and means for engagement with leaves, a cover, means connecting the back of the cover with the clamp including means whereby one edge of the back may be released.

4. In a loose leaf binder, a main binder including a transversely channel-shaped leaf-receiving clamp, an auxiliary binder mounted thereon, said binder including vertically movable leaf-engaging hooks, means connecting the hooks to provide for simultaneous movement whereby said hooks may be engaged with or disengaged from the leaves and means for locking the hooks against accidental movement.

1,620,104. LOOSE-LEAF BINDER. HENRY B. JENNINGS, Jr., Leesburg, Va. Filed July 6, 1925. Serial No. 41,784. 11 Claims. (Cl. 129—1.)



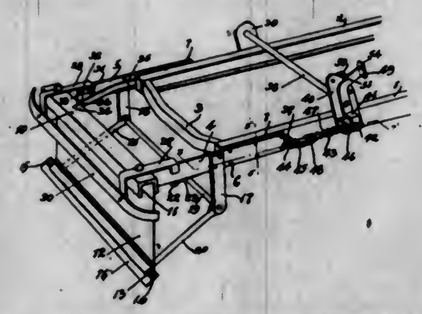
1. In a loose leaf binder, binder sections each comprising a relatively fixed member having angularly disposed portions to accommodate the margins of an assemblage of leaves, means hingedly connecting the members of the two sections, each section further comprising a swingingly adjustable binder member to likewise engage the margins of the leaves, retaining means for the leaves associated with the members of each section, and means supported between the said binder sections and adjustable independently of the second-mentioned members of said sections, to accommodate and retain in place a plurality of temporary leaves.

1,620,105. LOOSE-LEAF BINDER. HENRY B. JENNINGS, Jr., Leesburg, Va. Filed Jan. 7, 1926. Serial No. 79,869. 12 Claims. (Cl. 129—1.)



1. In a loose leaf binder, spaced main binder units for accommodating and retaining in place banks of substantially permanent leaves, means adjustably connecting the units and for holding the said units in different positions of adjustment, and means located between said units for retaining temporary leaves.

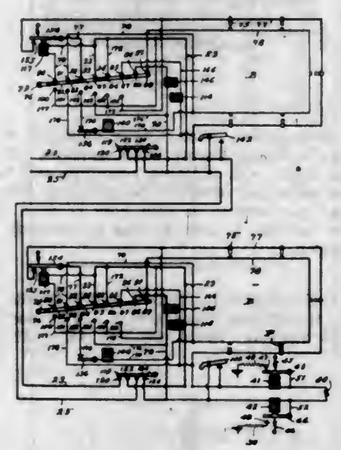
1,620,106. SAFETY BUMPER. ALRIK JOHNSON, Kelliher, Saskatchewan, Canada. Filed Mar. 27, 1926. Serial No. 97,017. 7 Claims. (Cl. 293—41.)



1. A safety device for automobiles comprising a shield normally retained in an inoperative position above the front wheels of the automobile, means including a bumper

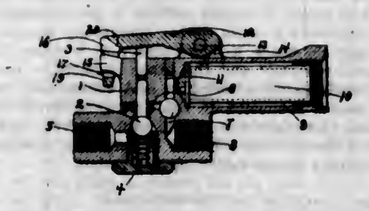
for automatically releasing said shield to an operative position in front of said wheels when said bumper is moved by contact with an obstacle, manually controlled means for releasing said shield to operative position independently of the bumper including a control member within convenient reach of the operator of the automobile, and a latch device operable to prevent manual releasement of the shield without interfering with the automatic releasement thereof.

1,620,107. FIRE-ALARM SYSTEM. JOHN M. JOHNSON, Kansas City, Mo., assignor to The United States Automatic Fire Alarm Company, a Corporation of Missouri. Filed Mar. 22, 1922. Serial No. 545,783. 9 Claims. (Cl. 177—358.)



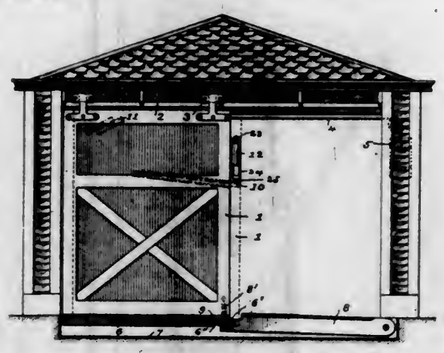
1. In a fire alarm system, a normally closed signal circuit, two normally closed house loops connected to said signal circuit, a resistance in one house loop to normally reduce the flow of current therethrough below that in the other house loop, thermal means for electrically connecting said house loops on an abnormal rise in temperature and thereby increasing the current in the high resistance loop, a transmitter for transmitting signals over said signal circuit, and means actuated by the increase in current for releasing the transmitter for signaling operation.

1,620,108. VALVE. JAMES FRANCIS KEY, Sierra Madre, Calif., assignor to First Trust and Savings Bank of Pasadena, trustee. Original application filed Oct. 2, 1922, Serial No. 591,778. Divided and this application filed Oct. 17, 1924. Serial No. 744,149. 4 Claims. (Cl. 251—134.)



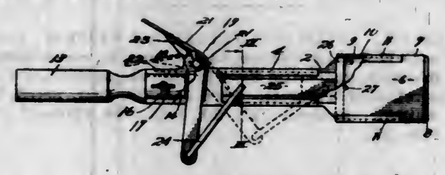
1. In a valve to be attached to the end of a hose, the combination of a body with means for attaching the same to a hose and to the inflating nipple of a tire, a lever having a pivot attaching the same to the body for opening the valve, said body having a projection for engaging and positively guiding the lever at a point removed from the pivot, operating to prevent lateral movement of the lever, and relieve the pivot and lateral strain, said lever having means for engaging the projection to limit the swinging movement of the lever on its pivot.

1,620,109. CHECK FOR GARAGE-DOOR-CLOSING MEANS. MICHAEL KIRNBAUER, Forest Park, Ill. Filed Jan. 25, 1926. Serial No. 83,519. 4 Claims. (Cl. 16—84.)



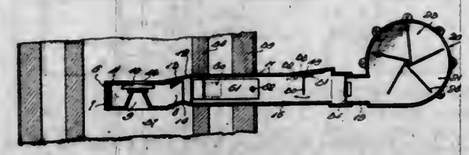
1. In an automatic sliding door closing means of the type described and in which automatic latching means is provided for holding the door in its open position in connection with means of the stored energy type tending to move the door to its closed position, the combination of a pair of inclined track rails secured in both vertical and horizontal spaced relation on the door, and a retarding means carried on the door frame intermediate of said rails and having successive operating engagement therewith.

1,620,110. ICE-CREAM-DIPPER MOLD. HERMAN LANDMAN, Kansas City, Mo. Filed Mar. 8, 1926. Serial No. 93,121. 3 Claims. (Cl. 107—48.)



2. An ice cream mold consisting of a handle, a pair of dipper mold members, one of said members being secured to said handle and having side portions with inturned flanges on said side portions and the other of said members being removably held by said flanges and removably attached to the handle, and means operable from the handle to eject the contents of the mold.

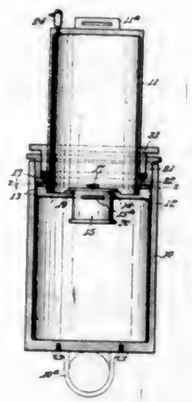
1,620,111. OIL-BURNING APPARATUS. EDWARD D. LEWIS, Elmira, N. Y. Filed Apr. 1, 1926. Serial No. 99,114. 7 Claims. (Cl. 158—28.)



1. An oil burning apparatus comprising a burner head having an oil inlet and an inlet passage for air under pressure, oil supply means for said inlet having a control

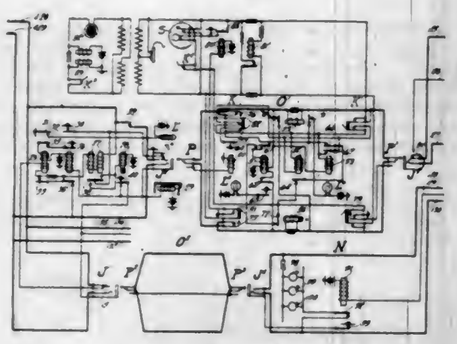
valve, angularly disposed pivotally mounted vanes in said air passage adapted to be successively engaged and operated by a blast of air therethrough, and operating connections between said vanes and said control valve.

1,620,112. SHOCK ABSORBER FOR VEHICLES. STEPHEN LEWIS, Martins Ferry, Ohio. Filed Jan. 12, 1926. Serial No. 80,799. 6 Claims. (Cl. 188—88.)



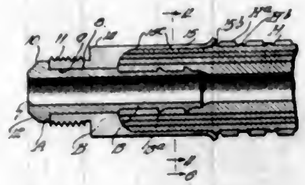
1. A shock absorbing device comprising two relatively movable fluid-containing members having their outer ends closed, and a valve intermediate said members for permitting the automatic transfer of fluid from one member to the other according to the direction of relative movement, said valve controlling a sole means of communication between said members being adapted to permit a more rapid transfer in one direction than the other.

1,620,113. AUTOMATIC TELEPHONE SYSTEM. CLARENCE E. LOMAX, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Mar. 16, 1921, Serial No. 452,840. Renewed July 20, 1925. 58 Claims. (Cl. 179—27.)



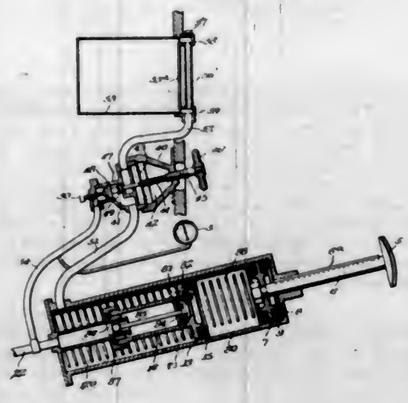
1. In a telephone system, a trunk line extending to an operator's position and provided with two branches, one of said branches normally disconnected, a visual signal for one branch and an audible signal for the other branch, means for seizing said trunk line and for operating said visual signal, and operator controlled means for connecting said other branch, said last means also effective to permit the next call over said trunk line to operate said audible signal without operating said visual signal.

1,620,114. HOSE FITTING. MALCOLM LOUGHEAD, Detroit, Mich., assignor, by mesne assignments, to Hydraulic Brake Company, Los Angeles, Calif., a Corporation of California. Filed Jan. 23, 1922. Serial No. 531,141. 5 Claims. (Cl. 137—90.)



1. In combination a hose, and a plurality of spaced apart metallic rings having inner surfaces of greater width than their outer surfaces, encircling said hose and compressed thereupon, whereby the diverging sides of the rings cause the surface of said hose between adjacent rings to be distorted to hold the ring permanently in position thereupon.

1,620,115. HYDRAULIC BRAKE MECHANISM. FREDERICK J. MACKENZIE, Trenton, N. J. Filed Dec. 6, 1924. Serial No. 754,330. 16 Claims. (Cl. 188—152.)

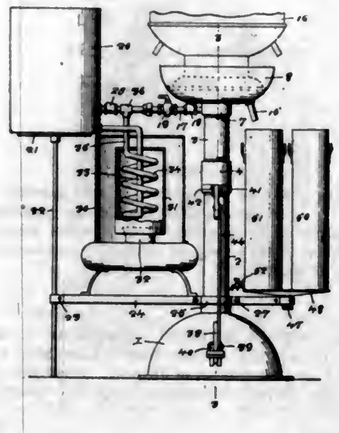


8. In a hydraulic vehicle brake, a distributing cylinder having two liquid chambers therein, a piston displaceable in said cylinder, a brake device operatively connected to one of said chambers, a liquid reservoir, a connection between said reservoir and the other chamber, a normally open throttle valve included in said connection, and hydraulic means connected to the first chamber to actuate said valve to restrict the flow to said reservoir in accordance with the braking pressure in said first chamber and thereby retard the operation of said piston.

1,620,116. CANWASHER. DEDRICK A. MAANUM, Hancock, Minn. Filed Oct. 15, 1923. Serial No. 668,789. 12 Claims. (Cl. 141—7.)

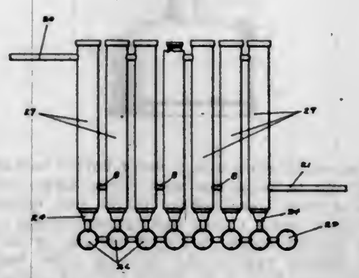
1. An apparatus for washing and sterilizing milk cans comprising a standard, a basin at the top thereof adapted

to support an inverted milk can, a spraying nozzle upstanding centrally in said basin and communicating with said standard, the interior of said standard being provided with a pump cylinder, a piston reciprocable therein,



a hot water supply means connected to the upper end of said cylinder, means for reciprocating said piston, including a treadle carried by said standard and connected to said piston for projecting a spray of hot water through said nozzle into said can.

1,620,117. ELECTRIC WATER HEATER. GUSTAV N. MADSEN, Minneapolis, Minn., assignor of one-third to Carl R. Lindh and one-third to Eric B. Gustafson, both of Minneapolis, Minn. Filed Sept. 30, 1925. Serial No. 59,631. 1 Claim. (Cl. 219—39.)



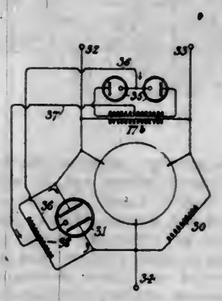
In an electrical water heater, the combination of a plurality of heating units, each comprising an electrical heating element, a pipe surrounding said element and insulated therefrom, a second pipe concentric with said first named pipe but spaced therefrom, a head carrying both of said pipes, a closure for the free end of the outer of said pipes, means for bringing electrical connections from said element to the exterior of said head, individual outlet boxes for each of said units with conduits therebetween to facilitate the inter-connection of said elements, pipe connections between the outer pipes of adjacent units, an inlet for the first of said units leading to the interior of the outer pipe and of an outlet for the last of said units leading to the interior of the outer pipe thereof, so water may be passed thru all of said outer pipes in series and heated by the elements in said individual pipes.

1,620,118. GOLF CLUB. GEORGE W. MATTERN, Dayton, Ohio, assignor to The Crawford, McGregor and Canby Company, Dayton, Ohio, a Corporation of Ohio. Filed May 15, 1922. Serial No. 560,931. 12 Claims. (Cl. 273—80.)



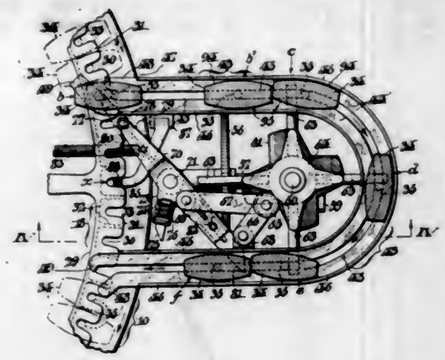
1. A golf club including a head portion, a tubular flexible non fibrous shaft and a fibrous handle section forming a continuation of said shaft formed independent of and subsequently attached to said head portion and capable of limited twisting action.

1,620,119. EXCITATION OF ELECTROLYTIC CONDENSERS. RALPH D. MERSHON, New York, N. Y. Filed July 3, 1920. Serial No. 393,914. 2 Claims. (Cl. 172—233.)



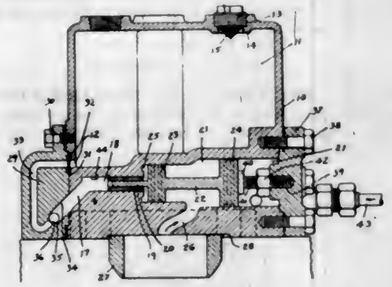
1. In an alternating current system, the combination with a motor having a plurality of energizing circuits, a source of substantially constant voltage connected with one of said circuits, an electrolytic condenser associated with another of said circuits and thereby subjected to varying voltage, of means dependent upon the substantially constant voltage of the first-mentioned circuit for exciting the condenser.

1,620,120. DRYING MACHINE. HOWARD MORSHEAD and HARRY H. WIGGLESWORTH, Philadelphia, Pa., assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 28, 1924. Serial No. 709,606. 21 Claims. (Cl. 198—19.)



1. In a drying machine including an enclosure and means conveying forms therethrough in massed relation, coordinated means functional to withdraw and exteriorly separate consecutive forms, spacedly progress said forms, and return the same into the enclosure.

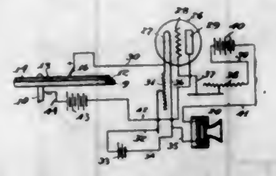
1,620,121. FLUID-OPERABLE LUBRICATOR FOR ENGINES. FRED K. MURPHY and RAYMOND W. RETTERER, Indianapolis, Ind. Filed Oct. 30, 1923. Serial No. 671,689. 3 Claims. (Cl. 184—55.)



1. In a fluid pressure operable lubricator, the combination of a common piston rod, a lubricant impelling piston secured thereto, a pair of power pistons also secured to said rod and having different pressure exposable areas, a chamber in which the power pistons are constantly subjected to fluid pressure, and another chamber in which but one of said power pistons is intermittently subjected to pressure whereby reciprocation of the pump piston is secured.

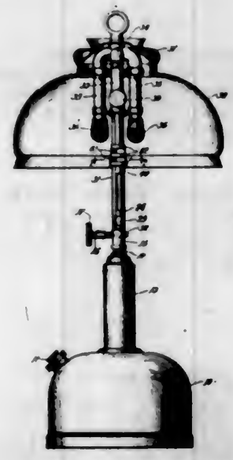
1,620,122. ELECTRIC PHONOGRAPH RECORD AND METHOD OF MAKING THE SAME. ARTHUR MUTSCHELLER, New York, N. Y. Filed May 1, 1923. Serial No. 635,868. 8 Claims. (Cl. 179—100.1.)

1. The method, herein described, of producing phonograph records to be used for varying the intensity of electric currents, which consists in producing a record member having a porous texture and having an ohmic resistance considerably greater than that of silver, causing said record member to absorb and hold within its pores an electrolyte containing a metal, subjecting said record member, thus carrying said electrolyte in its pores, to the action of an electric current and continuously



shifting the point of application of said electric current relatively to said record member, for the purpose of depositing metal into the pores of said record member, and finally removing the excess of electrolyte contained within the pores of the facing.

1,620,123. VAPOR BURNER. THEODORE NAGEL, Chicago, Ill., assignor to The Nagel-Chase Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 73,756. 5 Claims. (Cl. 67—50.)

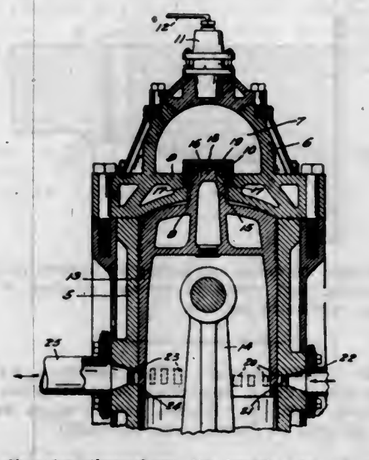


1. The combination with a vapor burner having a generating tube in connection with a fuel supply source, of heat conducting means affixed to the tube comprising a flue of sheet metal having superimposed straps arranged edge to edge in double rows upon one side of the tube in spaced relation thereto and to each other, the straps being extended from walls which are bent around to embrace the tube upon the opposite and rear sides thereof whereby to deliver thereto heat resulting from impingement of a flame upon the strap edges, the disposition of the straps relative to the front side of the tube being such that a portion of the flame may also contact therewith when impinging upon the flue straps, substantially as described.

1,620,124. INTERNAL-COMBUSTION ENGINE. GEORGE P. NIELSEN, Seattle, Wash. Filed May 17, 1923. Serial No. 639,562. 6 Claims. (Cl. 123—32.)

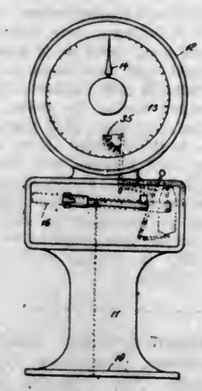
1. An internal combustion engine cylinder having a combustion chamber and piston bore formed therein in spaced relation, a spacing member interposed between the combustion chamber and the cylinder bore, said spacing

member having a tapered duct therethrough and in communication with the combustion chamber and the piston bore and a piston having a projection thereon of a uni-



form diameter throughout its length and of approximately the same diameter as the smallest diameter of the duct.

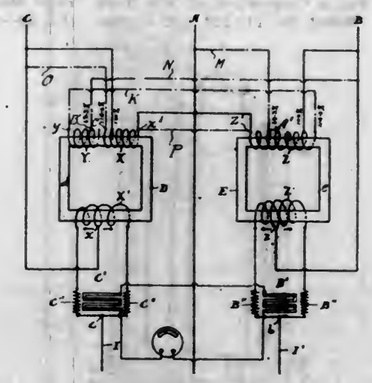
1,620,125. WEIGHING SCALE. LOUIS ASHLEY OSGOOD, Dayton, and ELMER E. WOLF, Springfield, Ohio, assignors, by mesne assignments, to International Scale Company, a Corporation of Illinois. Filed Apr. 17, 1920. Serial No. 374,774. 11 Claims. (Cl. 265—48.)



1. In a scale in combination a main scale beam, a dial housing, a dial therein and a pivotal indicator for the applied load, said dial having an aperture, a plurality of capacity weights, means for applying said weights to said beam, said means being adapted to permit one or more weights to be applied in any desired order and an indicating device within the dial housing and adapted to indicate through an aperture in the dial in a unit amount the aggregate weight value of the applied capacity weights.

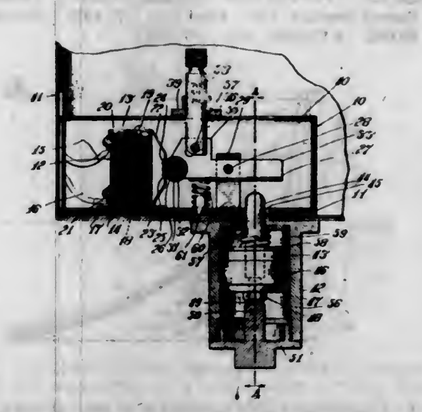
1,620,126. ELECTRIC MEASURING INSTRUMENT. LOUIS A. PAINE, Toronto, Ontario, Canada, assignor to The Lincoln Meter Company, Limited, Toronto, Ontario, Canada. Filed Feb. 20, 1922. Serial No. 538,115. 5 Claims. (Cl. 171—309.)

1. In an electric measuring instrument, the combination with a polyphase line circuit, of potential windings having taps arranged therein to be selectively connected with both phases of the line circuit to effect various degrees



of angular phase shift, and means affected by the fluxes induced by the voltages impressed on said potential windings for indicating volt amperes.

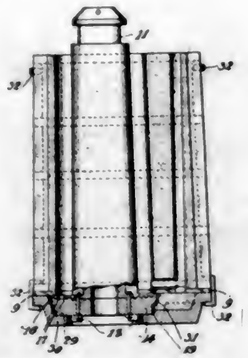
1,620,127. PRESSURE-ACTUATED CIRCUIT BREAKER. PAUL B. PARKS, Oak Park, and JOHN VAN VULPEN, Chicago, Ill., assignors to Vapor Car Heating Company, Inc., Chicago, Ill., a Corporation of New York. Filed Mar. 8, 1923. Serial No. 623,608. 28 Claims. (Cl. 200—82.)



1. A circuit breaker comprising, in combination, a pair of spaced contact springs, a bridging member adapted to be interposed in the gap between said springs, a fluid pressure actuated device for moving said bridging member in one direction out of said gap, and manually operated means for moving the bridging member out of said gap in the other direction.

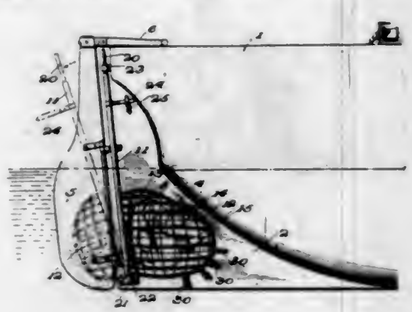
7. A circuit breaker comprising, in combination, a pair of angularly disposed spaced contact springs, having their adjacent extremities curved backwardly into the gap between such springs, and a rocking member provided at one end with a roller adapted to fit into the gap between said springs to complete the circuit, and movable in either direction from the gap by a rolling motion along one or the other of the curved spring ends; the spring end being flexed back to permit the roller to pass from the gap and subsequently engaging the roller and tending to hold the roller in this circuit breaking position.

1,620,128. ART OF CASTING INGOT MOLDS AND APPARATUS FOR SAME. JOHN E. PERRY, Sharon, Pa., assignor to Valley Mould & Iron Corporation, Sharpsville, Pa., a Corporation of New York. Filed May 14, 1924. Serial No. 713,123. 30 Claims. (Cl. 22—133.)



5. In a mold for casting ingot molds, the combination of a flask having a sand matrix therein, a core bar having a sand facing, a core bar base having a sand faced top and being rigidly secured to the core bar and having portions engaged by said flask to maintain said core bar in proper vertical alignment, and means engaging said flask and said core bar base to correctly position said core bar within said flask.

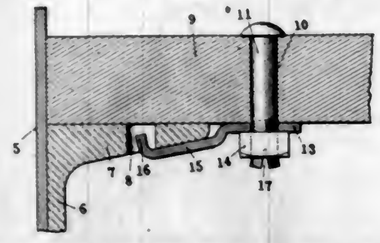
1,620,129. PROPELLER GUARD. GABULL PETERSON, Tarpon Springs, Fla. Filed Nov. 17, 1925. Serial No. 69,686. 4 Claims. (Cl. 115—42.)



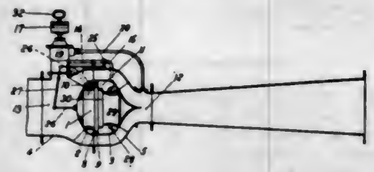
1. A propeller guard comprising a pair of open-work guard members, separate means for removably and adjustably mounting each guard member on the hull of the boat in co-operative relation with the propeller thereof, each of said means comprising a shaft having a universal mounting on the boat, releasable means for holding the shaft in operative position, a sleeve rotatably and slidably fitted on the shaft and adapted to be pulled off of the shaft, each sleeve carrying a guard member, and releasable means for holding the sleeve in position on the shaft.

1,620,130. FLOOR CONSTRUCTION. FRANK H. PIETZSCH, St. Louis, Mo., assignor to Western Railway Equipment Company, St. Louis, Mo., a Corporation of Missouri. Filed July 5, 1924. Serial No. 724,282. 3 Claims. (Cl. 189—35.)

1. In a device of the class described, the combination with a support comprising a flange having a recess, of a floor board resting on said support, a bolt extending through said floor board and provided with a nut, and a lateral extension carried by said bolt, said extension projecting under the flange and having an integral upturned end entering said recess to prevent rotation of said extension relative to the bolt.

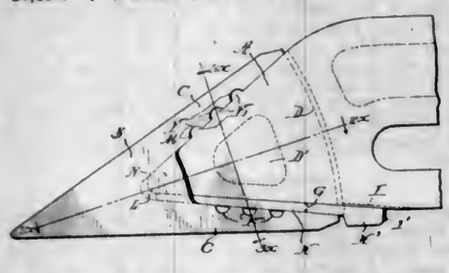


1,620,131. AUTOMATIC SELF-CLOSING VALVE. OWEN ALFRED PRICE, Kilmarnock, Scotland. Filed June 26, 1926, Serial No. 118,851, and in Great Britain June 27, 1925. 4 Claims. (Cl. 137—139.)



1. In an automatic self-closing valve, in combination with a fluid conduit including a main channel and a zone of less cross-sectional area, there being unequal pressures in said main channel and said zone, a valve-forming plunger movable axially in said channel in the vicinity of said zone, said plunger having its closing movement in the direction towards said zone, said plunger being subject on its rear face to the reaction of the flowing stream, a shell surrounding said plunger and spaced from the inner wall of said channel, a piston movable with said plunger and separating front and rear chambers subject in the open position of the valve to said unequal pressures, and means automatically operative on change of the conditions of flow to change the relative pressure conditions in said chambers.

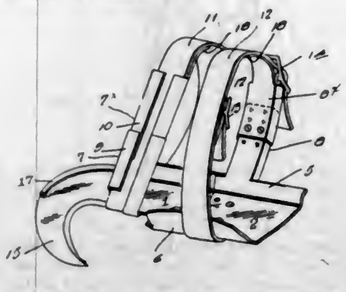
1,620,132. REVERSIBLE-POINT DIPPER TOOTH. CHARLES A. PSILANDER, Youngstown, Ohio, assignor to American Manganese Steel Company, Chicago, Ill., a Corporation of Maine. Filed Jan. 25, 1926. Serial No. 83,484. 7 Claims. (Cl. 37—142.)



1. A tooth for excavating implements, comprising a base member and a tooth member assembled by relative longitudinal movement, and means resisting longitudinal

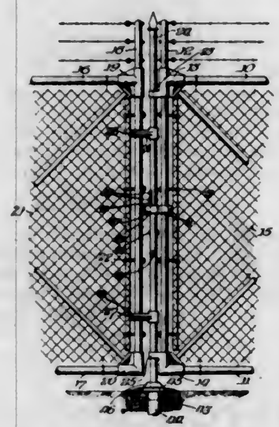
separation of said members, consisting of an offset formed on one member and a recess formed on the other member and entered by said offset; said members being constructed for relative movement transversely to the direction of assembly in order to enter the offset into the recess, and a key substantially filling the space left between the members by the transverse movement which brings the offset into the recess and resisting transverse movement in the opposite direction.

1,620,133. TOPPING AND PRUNING KNIFE. OTIS M. RANDOLPH, Kinsley, Kans. Filed Apr. 13, 1926. Serial No. 101,732. 3 Claims. (Cl. 30—9.)



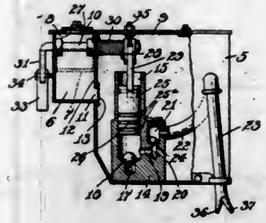
1. A topping and pruning knife comprising a body having side flanges and also having at opposite sides a forward brace and a rear brace, each brace being flanged, a hook-shaped blade at the forward end of the body, and straps equipped with buckles and passed about the body and the major portions of the braces and disposed between the said major portions of the braces and the flanges thereof, whereby the straps are held to the braces.

1,620,134. LATCHING MEANS FOR GATES. FRED SCHLEY, Waukegan, Ill. Filed Mar. 18, 1926. Serial No. 95,719. 3 Claims. (Cl. 292—216.)



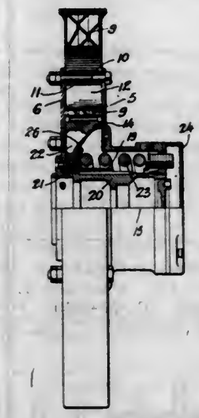
3. Fastening means for double gates comprising in combination a vertically movable rotatably mounted latch member, mountings for said latch member on one of the gates adjacent the upper and lower frame members of the gate, a plurality of forks fixed upon said latch member adapted to engage the cooperating gate, the said forks being spaced from each other, a catch member adapted to receive the lower end of the latch member when the gates are in closed position, and means whereby the said latch member is held out of engagement with the ground when the gates are in open position.

1,620,135. MINING-MACHINE-CHAIN LUBRICATOR. HERMAN L. SEEKAMP, Gillespie, Ill. Filed Apr. 20, 1925. Serial No. 24,369. 3 Claims. (Cl. 184—15.)



1. A chain oiler for mining machine cutters comprising an oil receptacle having an oil sump, an oil pump mounted in said sump and including a reciprocating piston, an oscillating shaft having a crank arm connected to said reciprocating piston, a spring for retracting said crank arm to move the piston on its suction stroke and means exterior of the receptacle connected to said shaft, engaged by a moving part of the machine for operating the piston on its forcing stroke.

1,620,136. COMBINED RESILIENT TRANSMISSION AND BEARING. BENJAMIN F. SEYMOUR, Washington, D. C. Filed Feb. 17, 1922. Serial No. 537,251. 6 Claims. (Cl. 152—45.)

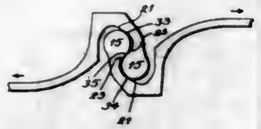


1. In a combined resilient bearing and drive for vehicle wheels, the combination of a hub member, a wheel rim member mounted to have limited radial movement on the hub member, said rim member having on one side an annularly arranged series of cam elements substantially triangular in outline situated in radial planes through the hub axis and with their apices pointing center-wards, a sleeve mounted to have axial movement on said hub member, and having cam elements co-operable with said rim cam elements, and a spring mounted on the hub member holding said cam elements in engagement permitting limited radial and circumferential movement between the respective elements and providing the bearing and drive, substantially as set forth.

1,620,137. SHEET PILING. FRED L. SIMON, Baltimore, Md. Filed Sept. 15, 1924. Serial No. 737,696. 4 Claims. (Cl. 61—62.)

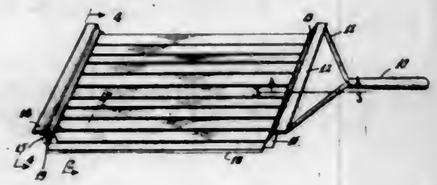
2. A wall of sheet piling composed of interlocking units of said piling, the interlock consisting of a recess and a

rounded edge for each piling with the edge of one piling coacting with the recess of an adjoining piling, and said



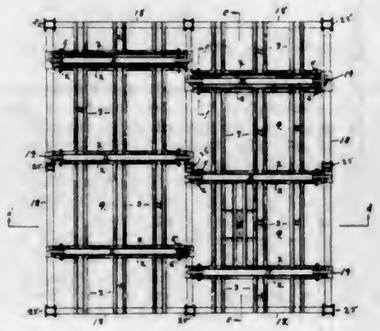
recess and edges being shaped to effect two lines of and one surface contact in each of said interlocks when said wall is under tension.

1,620,138. VEGETABLE AND FRUIT SLICER. PETER SOKOLOWSKI, Girardville, Pa., assignor of one-half to Mat Strack, Girardville, Pa. Filed Oct. 26, 1925. Serial No. 64,793. 3 Claims. (Cl. 146—210.)



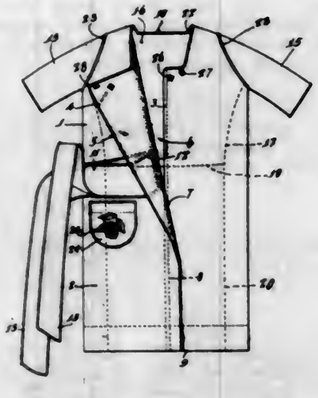
1. In an apparatus of the class described, spaced apart end members having openings therein, a plurality of shafts journalled near their extremities in said end members, said end members being held in spaced relation by said shafts, blade cutters rigidly attached to said shafts, connecting links rigidly fixed to said shafts, and control mechanism comprising a lever for simultaneously adjusting said blades, the free ends of said connecting links being operatively connected with said control lever.

1,620,139. FIREPROOF BUILDING. HENRY SORENSEN, San Francisco, Calif. Filed Dec. 7, 1925. Serial No. 73,717. 5 Claims. (Cl. 72—66.)



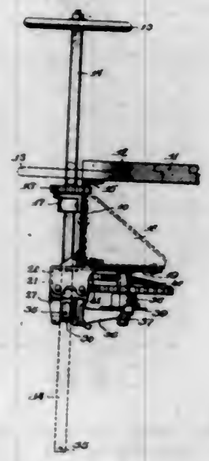
1. In the wedgeshaped band reinforcements of an infilled floor structure means connecting said band reinforcements with the supports of said structure, said means adapted to stretch said bands, whereby said band reinforcements are put into tension and interlocked with said supports before the infilling takes place.

1,620,140. MORNING GOWN. ANNIE W. STIMSON, Los Angeles, Calif. Filed Feb. 15, 1923. Serial No. 619,308. 2 Claims. (Cl. 2—74.)



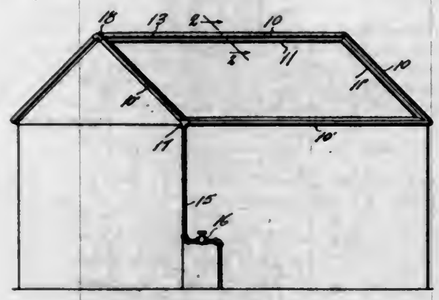
1. A morning gown having an opening extending down the front with an inner flap at the front and an outer flap extending across the front to a point at the side and overlapping the inner flap, with means for detachably connecting said flaps together at the neck of the gown, and a sash in the form of a band attached at about its middle point to the front of the garment substantially at the waist line and passing substantially straight across the front and around to the back of the gown, and means permanently attaching the flaps together below the said sash.

1,620,141. DROP SHAFT FOR HAND BRAKES. SVEN JULIUS STRID, Chicago, Ill., assignor to Fred Mathews, Chicago, Ill. Filed May 2, 1925. Serial No. 27,587. 3 Claims. (Cl. 74—113.)



1. In a railway car brake a drop shaft mechanism consisting of a vertically movable shaft, upper and lower gear housing members, a stirrup on the lower member in which said shaft is guided, and a gate hinged to said stirrup and normally transverse in the axis of said shaft to support the latter upon its lower end, said gate adapted to be raised to permit the shaft to be moved past the same.

1,620,142. FIRE EXTINGUISHER. ALBERT F. THOMPSON, Dallas, Tex., assignor of one-half to Albert T. Walraven, Dallas, Tex. Filed Apr. 24, 1925. Serial No. 25,501. 2 Claims. (Cl. 299—58.)



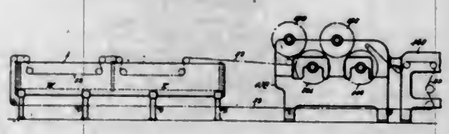
1. A roof water conductor comprising a sheet having a portion rolled and joined to form an elongated liquid conduit and having a portion projecting from said joint to provide a continuous longitudinal attaching flange, said conduit being provided with perforations in the lower sector of its rolled portion.

1,620,143. COLLAPSIBLE CHICKEN COOP. EDWIN S. TRIMBLE, Atchison, Kans. Filed Nov. 6, 1925. Serial No. 67,402. 4 Claims. (Cl. 220—19.)



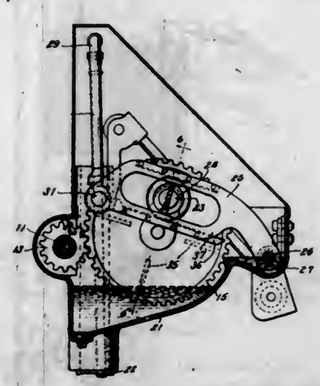
1. A collapsible coop comprising a base, end and side members hingedly secured at their lower portions to the base, and a top, said top being operatively connected with the upper free portions of the end members whereby the same are adapted for simultaneous operation, a central partition hingedly secured at its lower portion on the base, and means for holding the side end members and the partition in their upright position.

1,620,144. LAUNDERING MACHINE. WILLIAM W. TRINKS, Bridgeport, Conn., assignor to Puliclean Manufacturing Corporation, Bridgeport, Conn., a Corporation of Delaware. Filed Apr. 18, 1923. Serial No. 632,854. 25 Claims. (Cl. 68—37.)



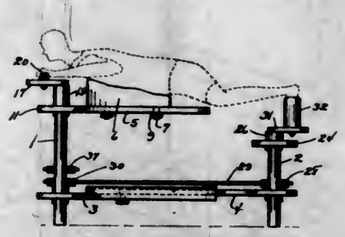
1. In a machine of the class described, the combination with laundering means, of a carrier operative to draw a connected towel through said laundering means and having a latch device movable therewith, a towel attachment, and means, mounted independently of the carrier, operative to actuate said latch device for effecting its connection with the towel attachment.

1,620,145. WINDMILL. CHANNING TURNER, Geneva, Ill., assignor to United States Wind Engine & Pump Company, Batavia, Ill., a Corporation of Illinois. Filed Aug. 4, 1924. Serial No. 730,036. 22 Claims. (Cl. 170—37.)



1. In a windmill, the combination with a wind wheel having a substantially horizontal shaft, of a pinion upon said shaft, a gear wheel in mesh with said pinion, a crank carried by said gear wheel, a rocker arm actuated by said crank, a roller or ring which is free to rotate on the crank and is in rolling contact with rocker arm, and a yoke which connects the free end of rocker arm to the plunger rod or pump rod.

1,620,146. SWIMMING-INSTRUCTING MACHINE. THOMAS A. WALTON, Scranton, Pa. Filed Dec. 6, 1923. Serial No. 679,042. 7 Claims. (Cl. 272—71.)

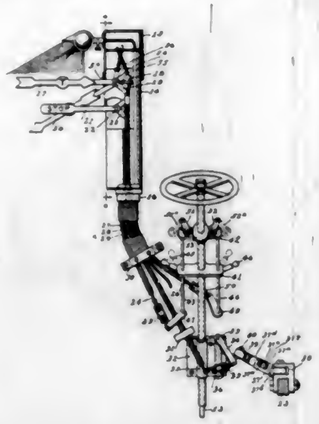


6. An apparatus of the character described including a pair of supporting members connected for longitudinal adjustment, arm exercising cranks mounted in the forward supporting member, leg exercising cranks mounted on the rear supporting member, means for laterally adjusting the said arm and leg exercising cranks including crank supporting brackets arranged for lateral movement on the supporting members, and means for operating the cranks at a uniform rate of speed.

1,620,147. SIGNALING DEVICE. JOSEPH WEECH, Galesburg, Ill. Filed Aug. 4, 1924. Serial No. 729,895. 2 Claims. (Cl. 116—36.)

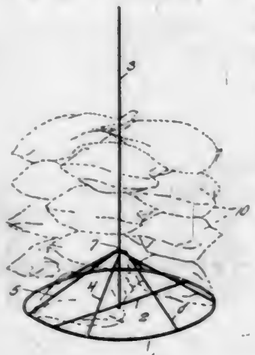
1. A signaling device for vehicles having in combination vertically movable turn arrow members adapted to indicate a change in the direction of the vehicle, a vertically movable stop signal member, a housing for normally enclosing said members when in a lower position and concealing the same from view, means for moving said members into an operative and indicating position, the same means including lever mechanism adjacent the steering post of the vehicle adapted to be manually op-

erated for moving the turn arrow members, mechanism operable through the brake for raising the stop member, and mechanism adapted to return the turn arrow members



to concealing position within the housing automatically by movement of the steering wheel in the direction indicated by the arrow.

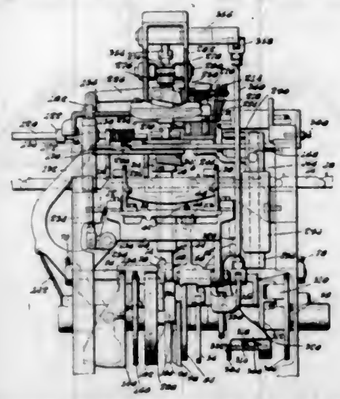
1,620,148. DISPLAY STAND. LEO LEON WILLIAMS, Portland, Oreg. Filed Nov. 24, 1925. Serial No. 71,126. 1 Claim. (Cl. 211—24.)



A display stand comprising a ring-like base, a brace rod extending diametrically across the ring-like base, an article receiving spindle having its lower end secured to the intermediate portion of the brace rod and extending upwardly therefrom, and a series of additional brace rods extending diametrically across the ring-like base, the free ends of the additional brace rods being secured to the ring-like base at diametrically opposite points, the intermediate portions of the additional brace rods being bent and intersecting one another, the intersecting portions of the additional brace rods being secured to the spindle at a point above the lower end thereof.

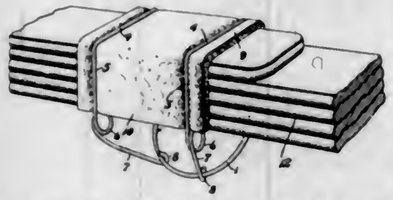
1,620,149. MACHINE FOR USE IN THE MANUFACTURE OF HEELS FOR BOOTS AND SHOES. ERASTUS E. WINKLEY, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Feb. 19, 1920, Serial No. 359,798. Renewed June 21, 1924. 99 Claims. (Cl. 1—33.)

15. A slugging machine adapted to constitute one of a series of automatic machines for operating on heels, comprising means for slugging heels, means for automatically presenting heels to the slugging means, and



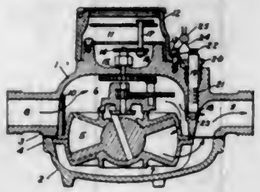
feeding means for automatically carrying the heels from the slugging machine in an orderly series to facilitate their delivery to another machine of the system.

1,620,150. SPRING OILER. FLOYD G. WITHROW, Grand Rapids, Mich. Filed Apr. 26, 1926. Serial No. 104,611. 3 Claims. (Cl. 184—1.)



1. In combination with a leaf spring, a member of fabric located over the top and against the sides of the leaf spring, and a clamping member formed from a single piece of wire located over the fabric and having two sections spaced apart to clamp against said fabric, combined with means for connecting the lower ends of said clamping member together, said means extending underneath the leaf spring.

1,620,151. LIQUID METER. ROBERT S. BASSETT, Buffalo, N. Y. Filed Aug. 28, 1925. Serial No. 53,194 1 Claim. (Cl. 73—98.)

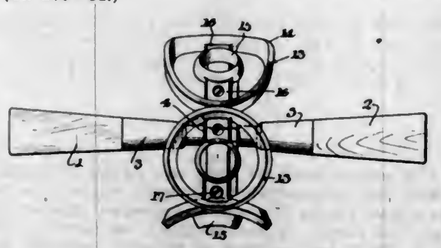


A liquid meter comprising a liquid operated device, an indicating register operated by said device, a casing for said device including a bottom section and a top section separable from the bottom section, said top section having inlet and outlet openings, a compensating by-pass adapted to pass a portion of the liquid to be measured around said device and means to regulate the flow through said by-pass; substantially as and for the purpose described.

1,620,152. METHOD OF PRESERVING WOOD AND SOLUTIONS THEREFOR. LEO P. CURTIN, Freehold, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a Corporation of New York. Filed June 24, 1925. Serial No. 39,391. 13 Claims. (Cl. 134—78.6.)

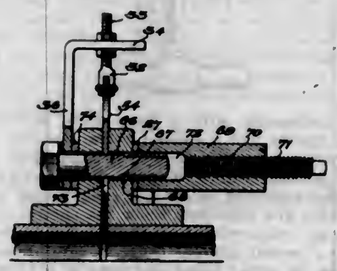
1. Method of preserving wood comprising impregnating it with an aqueous solution containing water-soluble components capable of reacting, on exposure to the atmosphere, with progressive increase in basicity, to deposit within the body of the wood a compound of low solubility and high toxicity.

1,620,153. CUTTER. ROLLAND CURTNER, Marion, Ind. Filed Aug. 26, 1925. Serial No. 52,641. 1 Claim. (Cl. 107—51.)



In a device of the character described, a supporting shaft, a wheel mounted for rotation on the shaft, a band adapted to be positioned on the wheel, means for removably securing the band to the wheel, a plurality of cutting members, each of said cutting members having a bar formed with an opening, the openings in the bars adapted to receive securing screws to removably secure the cutters to the bars, and handles for operating the device.

1,620,154. METHOD AND APPARATUS FOR REPAIRING FLUID CONTAINERS. EUGENE C. FURMAN, Newport News, Va., assignor of forty-nine per cent to Edmund F. Heard, Hampton, Va. Original application filed Mar. 30, 1925, Serial No. 19,452. Divided and this application filed Aug. 6, 1925. Serial No. 48,657. 54 Claims. (Cl. 137—99.)



1. The method of repairing leaks applicable to conventional containers without the necessity of relieving the container of its interior pressure which includes injecting a sealing medium into the leak at a pressure greater than that within the container, and preventing escape of the sealing medium exteriorly of the container.

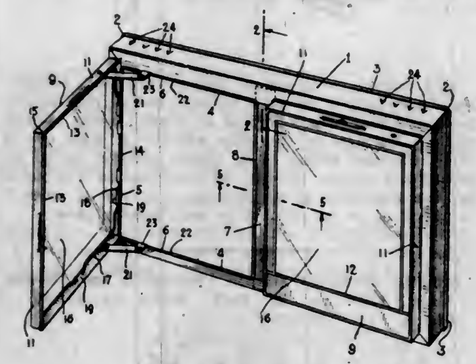
1,620,155. ATTACHMENT FOR OIL SWITCHES. JOHN DE HILLIARD, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 25, 1922. Serial No. 546,880. 3 Claims. (Cl. 183—45.)

1. A device of the character described comprising a container having two openings therein, and baffles in said container extending from opposite sides thereof and forming a tortuous passage between said openings, said baffles having apertures therein arranged to permit liquid in the



container to drain to one of said openings when the container is in one position and to drain to the other of said openings when the container is in an inverted position.

1,620,156. DUPLEX CLOSURE FOR DISPLAY CONTAINERS. HENRY HERMANI, Baltimore, Md., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md., a Corporation of New Jersey. Filed June 10, 1925. Serial No. 36,200. 5 Claims. (Cl. 220—82.)



1. A closure for display containers, including an open frame having a cross bar consisting of a separate strip of material arranged intermediate the ends of the frame to divide the opening into two portions, a cover hinged to each end of the frame, the cross bar and covers cooperating to close the frame, the outer and inner edges of the frame and the side edges of the cross bar having beads or tubular bearings, and reinforcing wires held in the bearings for supporting the cross-bar and connecting it to the frame.

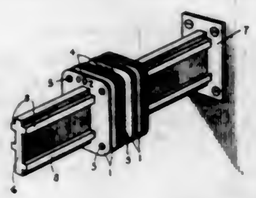
1,620,157. BELT BUCKLE. JOSEPH KNISTROM, Attleboro, Mass., assignor of one-half to Emil L. Johnson and one-half to Olof Lundsten, both of Attleboro, Mass. Filed July 22, 1925. Serial No. 45,246. 2 Claims. (Cl. 24—191.)



1. A buckle comprising a body portion having a front plate with side belt guiding flanges, a bail member to which the end of the belt may be secured pivotally

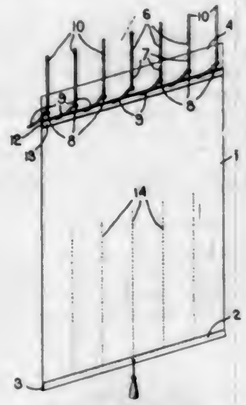
mounted between said flanges, said bail having a portion between the pivotal mounting extending at right angles to the plane of the bail, said portion having a slot formed therein and a sheet metal gripper member folded into tubular cam shape with its ends disposed at each side of said right angularly extending portion and a tongue on said gripper loosely looped through said slot to permit a relative motion of said bail and gripper for the latter to bind the belt against the body, the ends of said gripper member on each side of he slotted portion acting to limit the relative movement of the bail and gripper members.

1,620,158. LAUNDRY CHECK. EDWIN LANE, New York, N. Y., assignor to Carolyn Laundry, New York, N. Y., a Corporation of New York. Original application filed Apr. 24, 1925, Serial No. 25,593. Divided and this application filed Nov. 16, 1925. Serial No. 69,555. 3 Claims. (Cl. 40—20.)



1. A marker check for the purpose described, comprising a substantially flat-plate having a plurality of laundry piece attaching means located at spaced points entirely around the edges of the plate whereby at least one of said attaching means is in proper position to be attached to a laundry piece in the same position it is picked up, and regardless of the position it is held in when it is picked up to be attached to said laundry piece.

1,620,159. WINDOW SHADE. SAMUEL S. LEVY, Boston, Mass. Filed Apr. 23, 1925. Serial No. 25,234. 4 Claims. (Cl. 156—25.)



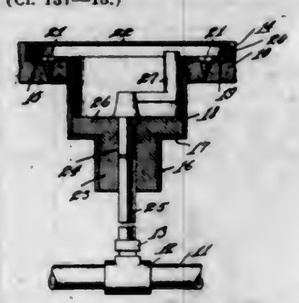
1. A window shade comprising a body member having a plurality of apertures adjacent its upper end, the portion of the shade beyond the apertures being adapted to be wound about a shade roller and a plurality of tape members, one for each aperture secured to the shade between the apertures and the end of the shade, said tape members being adapted to be wrapped around the shade roller and passed through said apertures thereby to detachably secure the shade to the roller.

1,620,160. HOSE OR SOCK. ALEXANDER JAMES MCCALLUM, Little Falls, N. Y. Filed Aug. 5, 1925. Serial No. 48,319. 3 Claims. (Cl. 2—240.)



1. A sock or hose, the upper end portion of which is knitted and composed wholly of elastic woolen yarn and has a seam joining downwardly converging edges of said upper end portion so that the upper end portion of the leg is elastic and decreases in diameter upwardly, said sock being of a length adapting said decreasing upper end portion to snugly fit the lower leg of the wearer above the largest part of the calf and hold the sock or hose up in position on the leg.

1,620,161. WATER KEY. SAMUEL MCDANIEL, Knoxville, Tenn. Filed Apr. 13, 1925. Serial No. 22,890. 1 Claim. (Cl. 137—13.)



The combination with a floor having a counter-sunk opening therein and a conduit below the floor having a valve with an upwardly directed socketed stem, a tubular member disposed within the floor opening and having an upper flange secured within the counter-sunk portion of the opening and depending below the opening, said tubular member being reduced in diameter below the opening to form a second internal flange, a cover removably attached to the upper flange and lying in the plane of the upper face of the floor, a rotatable centrally apertured plug disposed within the reduced portion of the tubular member and having a supporting flange resting on the internal flange, a rod having its lower end disposed in the socketed valve stem and its upper end disposed in the lower portion of the aperture of the plug, and a key in the upper portion of the aperture.

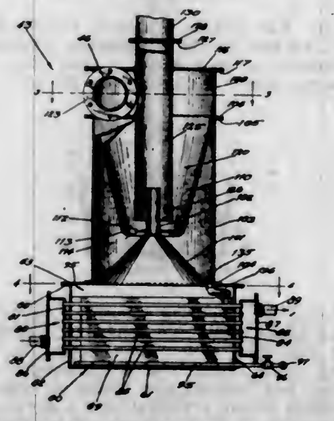
1,620,162. ELASTIC STRAPPING. HORACE J. MARTIN, Brookline, Mass., assignor, by mesne assignments, to Live Leather Products, Inc., Cambridge, Mass., a Corporation of Massachusetts. Filed Mar. 30, 1925. Serial No. 19,303. 1 Claim. (Cl. 154—48.)

An elastic strapping for embodiment in articles of personal wear comprising a body portion of elastic webbing, front and back coverings of fabric and leather secured to opposite sides of the elastic webbing by adhesive and to one another at opposite margins of the elastic webbing by adhesive, the front and back coverings in contact with



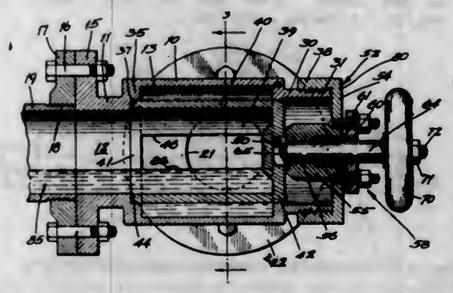
the elastic webbing having relatively fine corrugations or wrinkles due to contraction of the webbing and having relatively deeper and coarser ruffles throughout a substantial width beyond the elastic webbing due to contraction thereof.

1,620,163. PROCESS OF AND APPARATUS FOR REFINING PETROLEUM. FRANK A. MILLIFF and JOHN A. MILLIFF, Los Angeles, Calif. Filed Jan. 11, 1926. Serial No. 80,502. 4 Claims. (Cl. 196—139.)



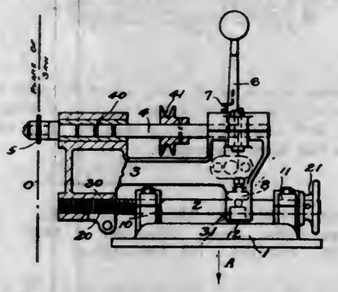
1. A process of refining petroleum comprising: applying heat to the petroleum to drive off hydrocarbon vapors therefrom; cooling the mixture of vapors thus formed to a predetermined temperature; causing said vapor mixture to suddenly expand and rotate at an accelerating speed over a given distance to separate out condensate formed by cooling the vapor mixture; collecting said condensate; and causing said vapor mixture to impose a partial vacuum upon said condensate which communicates with said vapor mixture.

1,620,164. ADJUSTABLE WEIR. FRANK A. MILLIFF and JOHN A. MILLIFF, Los Angeles, Calif. Filed Jan. 11, 1926. Serial No. 80,582. 6 Claims. (Cl. 137—21.)



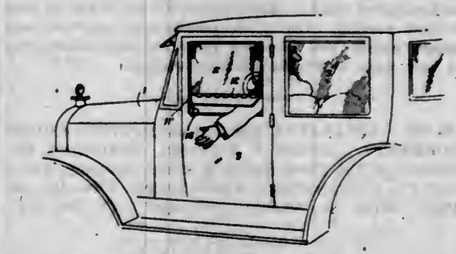
3. In an adjustable weir, the combination of: a body which has a central chamber, intake and outlet openings therefrom, an annular rotor seat formed about said inlet opening, an assembling opening opposite said inlet opening, and an annular rotor guiding seating said assembling opening; a cylindrical rotor adapted to rotatably seat in said rotor seat and be guided by said guiding seat and having a chamber which communicates with said inlet opening and a weir opening which communicates between said rotor chamber and said body chamber; closure means for said assembling opening; and means mounted upon said closure means for manually rotating said rotor, to dispose said weir opening at different levels.

1,620,165. SAW-TOOTH GRINDER. ELIJAH C. OBR, Seattle, Wash. Filed Jan. 13, 1926. Serial No. 80,900. 5 Claims. (Cl. 76—40.)



1. A saw grinding machine comprising a base, an adjusting pivot bar journaled in said base to turn and to permit lengthwise movement thereon, a frame having journaled therein a shaft carrying a grinding disk, said frame being mounted upon the said pivot bar and having threaded engagement therewith whereby the said frame may be adjusted lengthwise of the bar.

1,620,166. VEHICLE SIGNALING WINDOW. RALPH D. PARKER, San Francisco, Calif. Filed Apr. 14, 1925. Serial No. 22,997. 3 Claims. (Cl. 296—44.)

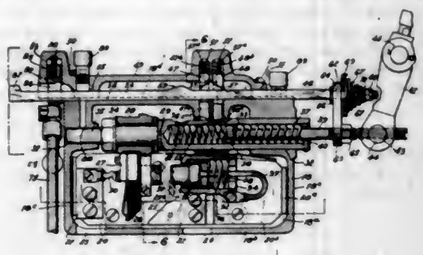


2. In an enclosed road vehicle, a window provided with a vertical sheet of glass, a panel hinged at the lower edge of the glass to open outwardly, and a pivoted plate arranged for sustaining the panel in open position at one end only of the panel and forming a shield against a draught blowing from the direction of said end toward the opposite end, said plate being collapsible under said panel to a position substantially in the plane of the glass.

1,620,167. SWITCH MECHANISM. EDWARD H. REMDE, Cleveland, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a Corporation of Ohio. Original application filed Feb. 13, 1922, Serial No. 536,296. Divided and this application filed May 25, 1925. Serial No. 32,736. 10 Claims. (Cl. 200—78.)

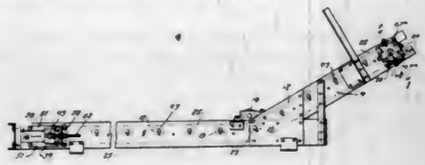
1. A snap switch comprising a pair of contacts, a reciprocable member which carries one of said contacts, means for locking said member against movement in

either direction, a pair of compression springs carried by said member, a thrust element interposed between and engaging one of said springs to compress it when moved in either direction, means for moving said thrust element,



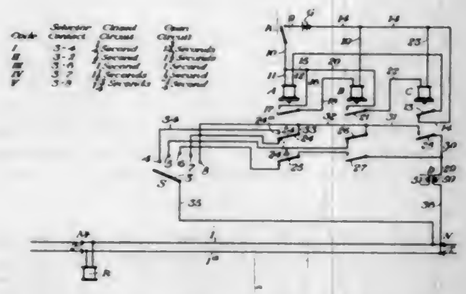
and means connected to and moved by said thrust element moving means for operating said locking means to release said contact carrying member after one of said springs has been compressed.

1,620,168. ENDLESS-BELT CONVEYER. JAMES W. SILVER, Ogden, Utah. Filed Oct. 6, 1925. Serial No. 60,823. 3 Claims. (Cl. 198—195.)



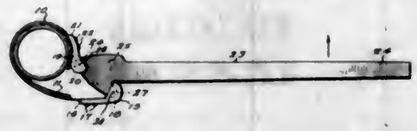
1. In endless conveyers, the combination of paired transversely spaced head and tail sprocket wheels, a head and a tail pulley roller respectively associated with and mounted for slight differential rotation relatively to the same, an endless conveyer belt reeving over said rollers, paired sprocket chains extending along the sides of said belt and reeving over a complementary pair of said sprocket wheels, and laterally projected bars connecting said belt with said side sprocket chains.

1,620,169. APPARATUS FOR TRANSMITTING CODED CURRENTS. ANDREW J. SORENSEN, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Jan. 29, 1926. Serial No. 84,592. 7 Claims. (Cl. 246—34.)



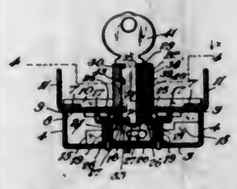
1. In combination with a stretch of railway track, a series of relays operating in cascade, a source of current, and means for connecting said source with at least one rail of said section in series with a contact on at least one of said relays.

1,620,170. PIPE WRENCH. THOMAS E. STEPHENSON, Harrisburg, Pa., assignor of forty one-hundredths to Herman Stephenson, Wyomissing, Pa. Filed Dec. 23, 1925. Serial No. 77,331. 4 Claims. (Cl. 81—64.)



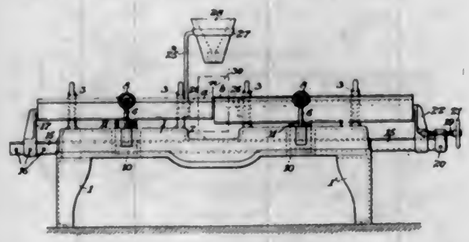
1. A device of the character described comprising a resilient clamping band having an inner end portion formed substantially circular and an outer end portion extending outwardly a substantial distance from the main body of the band, a socket secured to each end of said band, and an integral handle having a transversely enlarged head provided at opposite edges with outwardly extending integral lugs corresponding generally in arrangement to and adapted to be received in said sockets.

1,620,171. BAG LOCK. FRANK T. STUART, Maplewood, N. J., assignor to The R. Neumann Hardware Co., a Corporation of New Jersey. Filed Mar. 24, 1925. Serial No. 17,878. 2 Claims. (Cl. 70—2.)



1. A bag-lock comprising a casing, a depressible hasp-engaging means within said casing, an upwardly and exteriorly projecting push-member secured to said hasp-engaging means, key-actuated means movable to obstruct or release said hasp-engaging means for operation, said push-member having a vertical bore, a key-receiving barrel rotatable in said bore having a longitudinal key-slot open along one side thereof, said barrel having at its lower extremity a reduced axial extension journaled in said hasp-engaging means, said barrel having intermediate its ends a reduced portion providing an annular space between the same and the walls of said bore and a stop-pin fixed in said push-member to project into said annular space in predetermined position to match with a selectively located clearance notch of a proper key inserted in said barrel.

1,620,172. RAIL-CLAMPING APPARATUS. ALPHONSO TAUBMAN, Birmingham, Ala., assignor to Metal & Thermit Corporation, Carteret, N. J., a Corporation of New Jersey. Filed Apr. 28, 1926. Serial No. 105,122. 8 Claims. (Cl. 22—1.)



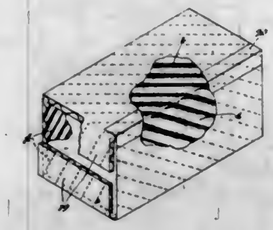
1. Apparatus for clamping rails of various types for welding operations, comprising a supporting frame, spaced standards on said frame having substantially vertical and horizontal aligning faces to engage and align the tread and gauge faces of the rails, means carried by the frame to lift the rails into engagement with the standards, means for forcing the rails laterally against the standards, and means for exerting pressure longitudinally of the rails.

1,620,173. OIL-WELL-TUBING DRAINER. JEROME C. TAYLOR, Huntington Beach, Calif. Filed Apr. 22, 1926. Serial No. 103,813. 2 Claims. (Cl. 103—221.)



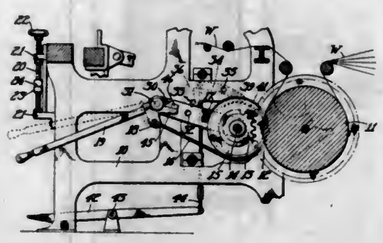
1. The combination with a pump tube, of a normally closed drainage valve mounted in the pump tube, a friction device slidably mounted upon the pump tube and adapted to engage a well casing in which the tube is inserted, means limiting the sliding movement of said friction device relatively upward on the pump tube, a member engaged by said friction device upon a relatively upward movement of the pump tube causing the opening of said valve, and a spring normally engaging said member to resist the movement thereof.

1,620,174. CARTON. JOSHUA WAGNER, Brooklyn, N. Y. Filed May 20, 1920, Serial No. 382,724. Renewed July 31, 1926. 5 Claims. (Cl. 229—3.5.)



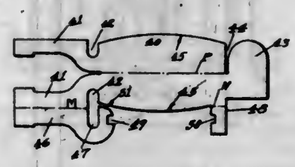
5. A box-like paper container formed of a corrugated filler having a covering or binder, all the corrugations of the filler being parallel, the lines marking the juncture of the walls being scored and the corrugations extending diagonally so that when the box is assembled the corrugations will afford support in a vertical as well as a horizontal direction and the scored lines will not be at right angles to or parallel with the corrugations.

1,620,175. REVERSING MOTION FOR LOOM LET-OFFS. WALTER H. WAKEFIELD, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed July 27, 1925. Serial No. 46,282. 10 Claims. (Cl. 139—113.)



1. In a let-off mechanism for a loom having a warp delivery means and a friction surface operatively connected therewith, a friction band cooperating with the friction surface to retard movement of the warp delivery means, normally stationary means to support said band and hold the same in close contact with the friction surface, and means to move said band as a whole in one direction about the axis of the friction surface to an abnormal position to slacken said band and in the opposite direction to tighten said band while in the abnormal position and to thereafter restore said band to normal position.

1,620,176. DOBBY FINGER FOR LOOMS. WALTER H. WAKEFIELD, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Feb. 19, 1926. Serial No. 89,461. 11 Claims. (Cl. 139—74.)

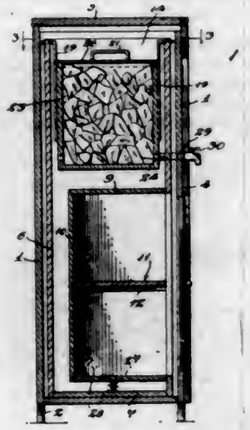


1. A loom dobby finger having a main portion folded on itself and having integral portions projecting therefrom provided with slots, and a peg run section having lugs to lie in the slots to be restrained against vertical movements, said peg run section being engaged on the sides thereof by the folded portions of the finger.

1,620,177. REFRIGERATOR. MARKUS WALINT, Endicott, N. Y. Filed Mar. 18, 1924. Serial No. 699,086. 3 Claims. (Cl. 62—57.)

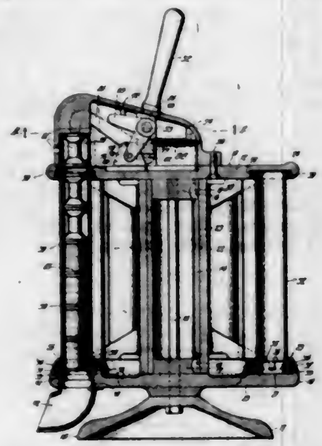
3. A refrigerator comprising outer and inner casings, a receptacle suspended in said inner casing and provided with ice compartments, the walls of said receptacle being

spaced from said inner casing, storage compartments below said receptacle and spaced therefrom, and drain



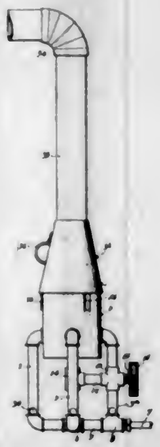
openings in said ice compartments whereby the drip water therefrom flows down over said storage compartments.

1,620,178. DISPENSING DEVICE. ELEANOR O'B. WARWICK and ROGERS M. WARWICK, Eastlake, Fla. Filed July 14, 1921. Serial No. 484,602. 4 Claims. (Cl. 211—8.)



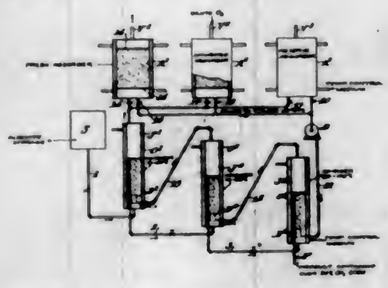
1. A dispensing device comprising a frame, a drum rotatably journaled in the frame, a plurality of containers for spools wound with thread carried by the drum, the containers being disposed parallel with and equidistant from the rotary axis of the drum, each container having discharge and refilling openings, means adjacent each discharge opening for yieldingly preventing the spools from passing out through the discharge opening, the frame having an aperture with which any of the refilling openings may be registered, and means for successively discharging the spools of any one of the containers comprising a housing secured to the frame having an opening through which an empty spool of substantially the same size as those in the container may be passed into the housing, but which will reject a larger spool, a slide mounted in the housing for aligning the spool with the aperture in the frame, a plate slidably mounted in the frame for closing the aperture in the frame, the plate supporting the empty spool when the spool is aligned with that aperture, a latch member for locking the plate against displacement, an arm pivotally journaled in the slide, the arm cooperating with an empty spool positioned by the slide, if the spool is of substantially the same size as the spool in the container, to unlock the latch member from the plate, means for withdrawing the plate from beneath the empty spool, and means for forcing the spool into the container positioned below the aperture in the frame.

1,620,179. DENTIST'S FURNACE. ROY M. WHITE, Riverside, Calif. Filed Aug. 2, 1926. Serial No. 126,461. 13 Claims. (Cl. 263—2.)



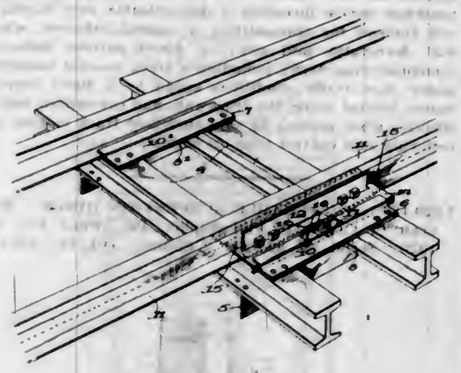
1. In a dentist's furnace, the combination of a shell, a plurality of burners mounted in the shell in a position such that the flames from the burners converge upon a point within the shell, and a platen for supporting a molding flask with means for supporting the platen within the shell.

1,620,180. PROCESS AND APPARATUS FOR CONDUCTING CHEMICAL REACTIONS. CHARLES O. YOUNG, Elmhurst, N. Y., and CLARENCE J. HERRLY, Pittsburgh, Pa., assignors to Carbide and Carbon Chemicals Corporation, a Corporation of New York. Filed June 20, 1923. Serial No. 646,593. 10 Claims. (Cl. 260—116.)



1. Process of conducting chemical reactions, comprising the carrying on of chemical reactions in a reaction zone, alternately passing effluent gases from said reaction zone through activated carbon to absorb materials contained in said gases and removing such materials from said activated carbon by a current of reagent gas passing to said reaction zone.

1,620,181. TWIN STEEL CROSSTIE. JAMES ASHMAN, Central City, Pa. Filed Nov. 16, 1926. Serial No. 148,662. 5 Claims. (Cl. 238—57.)



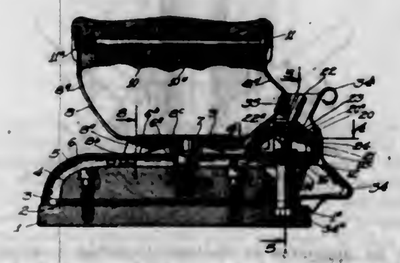
1. A device as set forth, including a rail chair composed of a base plate with superimposed clips, fish plates slidable beneath said clips and engageable with the base plate, and filler plates slidable beneath certain of said clips in overlapping engagement with the fish plates, a portion of one terminal of each plate being extended to limit inward movement of the plate.

1,620,182. GAME TRAP. GEORGE A. BARNARD, near Princeton, Nebr. Filed Nov. 4, 1926. Serial No. 146,098. 4 Claims. (Cl. 43—88.)



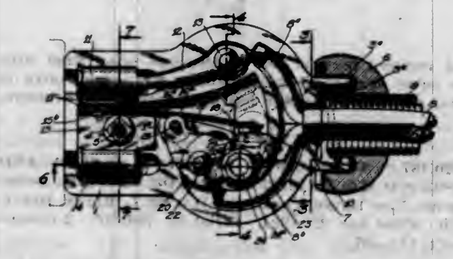
1. In an animal trap, a frame having sides of relatively wide strap iron, a pair of jaws within said frame and positioned immediately beneath the upper edges of said frame, said jaws being spring pressed toward each other, a trigger pivotally secured to said frame in the bottom portion thereof, and an anti-friction device on said trigger.

1,620,183. FLATIRON. MARTIN C. BERSTED, San Diego, Calif. Filed Sept. 28, 1922. Serial No. 591,094. 7 Claims. (Cl. 236—7.)



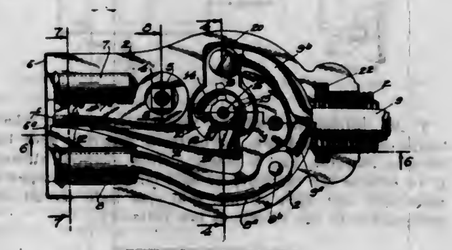
1. In a flat iron, a support, a stationary thermostat member positioned relative to said support, a yieldable thermostat member mounted on said stationary thermostat member, a fluid heat expansible material positioned in said stationary thermostat member adapted to engage and exert a force on said yieldable thermostat member, and a circuit breaking means positioned contiguous to and adapted to be actuated by said yieldable thermostat member.

1,620,184. AUTOMATIC ELECTRIC CONNECTION PLUG FOR ELECTRIC HEATING APPARATUS. MARTIN C. BERSTED, San Diego, Calif. Filed Apr. 18, 1923. Serial No. 632,865. 9 Claims. (Cl. 200—138.)



1. In an automatic electric plug, a casing, a thermostat member adapted to be warped by heat, positioned in said casing and provided with a contact member near one end thereof, a contact member support pivotally mounted in said casing and provided with a contact member adapted to engage the contact member of said thermostat member, an adjusting lever secured to said contact member support and extending through said casing, and a relative-temperature indicating finger positioned on the outside of said casing and shiftable with the end of said adjusting lever.

1,620,185. AUTOMATIC ELECTRIC CONNECTION PLUG. MARTIN C. BERSTED, San Diego, Calif. Filed Aug. 30, 1923. Serial No. 660,151. 4 Claims. (Cl. 200—138.)

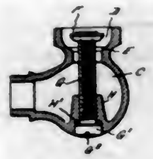


1. In a thermostatically controlled electric connection plug, a casing, a plate thermostat member secured at its one end within and at the one end of said casing and provided at its opposite free end with a contact, and a spirally constructed contact member rotatably mounted within said casing adjacent the free end of said contact and adapted to be engaged thereby, the plane of movement of said plate thermostat member and the plane of the spiral of said spirally shaped contact member being parallel with each other permitting a maximum contact between the contact of said thermostat member and the contact portion of said spirally shaped contact member at all times.

1,620,186. SHUT-OFF VALVE WITHIN BODY OF FIXTURE. LEON BLOCH, Cleveland, Ohio, assignor to The Republic Brass Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 12, 1924. Serial No. 706,136. 1 Claim. (Cl. 277—62.)

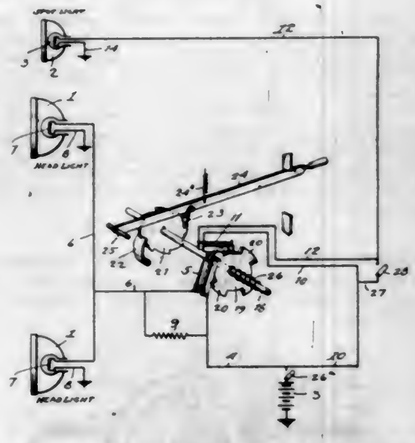
A faucet comprising two valve chambers, one of said chambers having an internally threaded boss formed in-

tegral therewith and a recessed portion adjacent said boss, a threaded stem carrying a valve at its inner end, its outer end being slotted and adapted to fit into



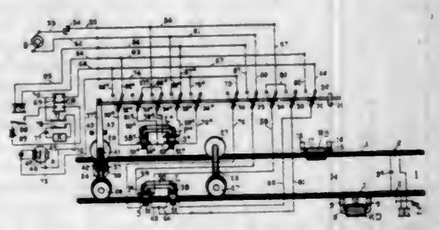
said recessed portion, said slotted end being flush with the outer surface of said chamber when said valve is open, said other chamber having a service valve therein.

1,620,187. AUTOMOBILE LIGHTING SYSTEM AND SWITCH MECHANISM THEREFOR. PAUL H. BURKHART, New Haven, Conn., and WALTER L. BAYNE, Henry, Ill. Filed Apr. 22, 1924. Serial No. 708,276. 2 Claims. (Cl. 171—97.)



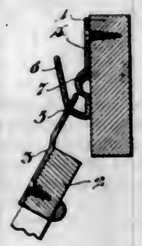
1. An automobile lighting system, embodying electric lamps of high and low intensity, a separate spot light, circuits therefor, and a single switch adapted alternately to reverse the intensity of said lamps and to open and close said spot light circuit, said spot light circuit being energized with the circuit of low intensity.

1,620,188. TRAIN CONTROL. CHARLES S. BUSHNELL, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Filed Oct. 25, 1923. Serial No. 670,701. 26 Claims. (Cl. 246—63.)



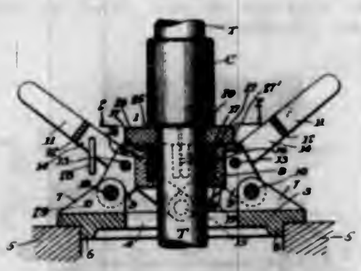
1. In an automatic train control system, the combination of a normally energized control relay on a railway vehicle and means for deenergizing and again restoring said relay from the trackway through an intervening air-gap comprising, an alternating current influence communicating device including a source of alternating current carried on the vehicle and an inert traffic controlled trackway device including a magnetizable core having a coil thereon for transmitting a control influence which will deenergize said relay, a direct current influence communicating device including a track magnet energized under clear traffic conditions ahead by a direct current source located along the trackway, and car-carried means effective when passing by said energized track magnet for restoring said control relay to normal.

1,620,189. DETACHABLE SUSPENSION HINGE. WILLIAM C. CANFIELD, Philadelphia, Pa. Filed Feb. 18, 1926. Serial No. 89,020. 2 Claims. (Cl. 16—172.)



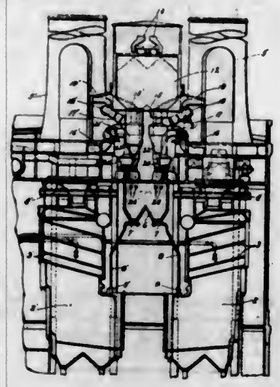
1. A detachable suspension hinge comprising an upper member having a flat body adapted to be secured to a fixed frame, a hook formed on the lower edge of the body, and a hump formed in the body above the heel of the hook and projecting into the space between the body and the upwardly extending part of the hook; and a lower member having a flat body adapted to be secured to the frame to be suspended, an extension on the lower member having an eye near its upper end adapted to register with the hook on the upper member, the portion of the extension above the eye being greater than the distance between the hump and the upwardly extending part of the hook, whereby the hinge cannot be separated until the suspended frame is swung to a certain angle relative to the fixed frame.

1,620,190. APPARATUS FOR ELEVATING AND LOWERING OIL-WELL TUBING. ANTHONY E. CARLSON, Los Angeles, Calif. Filed Feb. 6, 1926. Serial No. 86,627. 9 Claims. (Cl. 24—249.)



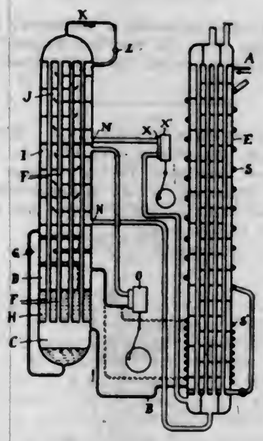
9. An apparatus as disclosed including a spider, said spider comprising a base, a pair of jaws pivotally mounted on said base for engaging the well tubing under a coupling thereof, and a pair of levers pivotally connected together and to said jaws respectively.

1,620,191. PULVERIZED FUEL COMBUSTION SYSTEM. CHARLES W. E. CLARKE, New York, N. Y. Filed Nov. 10, 1923. Serial No. 673,920. 6 Claims. (Cl. 110—101.)



1. In a powdered fuel combustion system, the combination of a furnace, a green coal bunker mounted above said furnace, means for feeding coal to the furnace, and coal treating apparatus located between said feeding means and said bunker, said apparatus including a pulverizer into which the coal is fed by gravity from said bunker.

1,620,192. PROCESS FOR THE SEPARATION OF THE CONSTITUENTS OF GASEOUS MIXTURES SUCH AS THOSE CONTAINING HYDROGEN. GEORGES CLAUDE, Paris, France, assignor, by mesne assignments, to Layote Inc., a Corporation of Delaware. Filed Mar. 12, 1923, Serial No. 624,668, and in France Apr. 4, 1922. 11 Claims. (Cl. 183—115.)



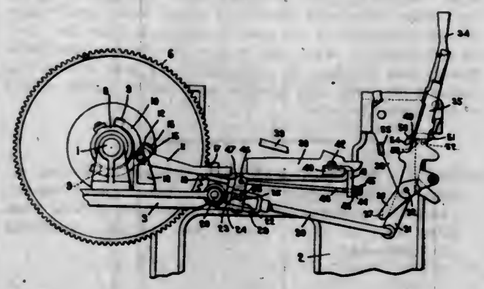
1. A process for the separation of the constituents of gaseous mixtures such as those containing hydrogen by liquefaction of all gases except hydrogen, in which process the vaporization of the liquefied portion or portions separated from the gaseous mixture is carried out under a pressure intermediate between the liquefaction pressure and atmospheric pressure, the gases produced by this or these vaporizations are expanded with production of external work and the cold thus produced is used for the partial liquefaction of the gaseous mixture at a temperature lower than that of the respective vaporizations, the hydrogen obtained being submitted to an expansion.

1,620,193. NAIL. FREDERICK COATES, Cincinnati, Ohio. Filed Nov. 24, 1925. Serial No. 71,137. 5 Claims. (Cl. 85—28.)



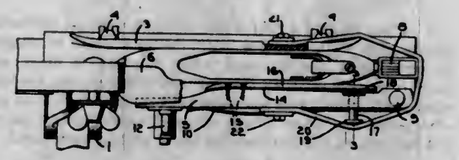
1. In combination, a nail having a shank and a head provided with a concave under surface forming a channel surrounding the shank, and a mass of plastic material surrounding the head and filling said channel.

1,620,194. STOP MECHANISM FOR LOOMS. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed July 22, 1925. Serial No. 45,425. 8 Claims. (Cl. 139—346.)



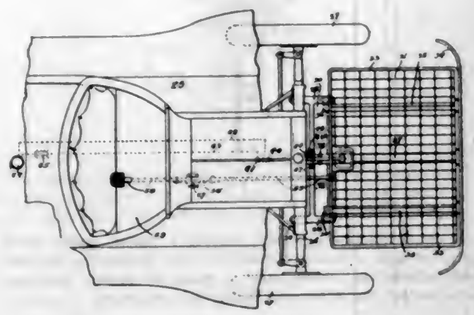
1. Stop mechanism for looms having protector mechanism including a movable frog, a driving clutch, clutch-actuating means, and a tension member connecting said frog and clutch actuating means and acting upon movement of said frog by the dagger of the protector mechanism to release said clutch, a shipper and means connecting said shipper to said clutch actuating means operable thereby upon release of said clutch to move said shipper to stopping position.

1,620,195. SHUTTLE-CHECKING MECHANISM FOR LOOMS. ALBERT E. DEAN, Fall River, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Sept. 2, 1926. Serial No. 133,254. 5 Claims. (Cl. 139—187.)



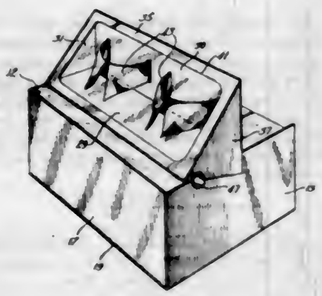
1. In a loom, shuttle checking mechanism comprising a shuttle binder pivoted at one end on the lay, a metal leaf spring swell secured at one end to the shuttle opposing face of the binder, a non-metallic facing on the swell, and means actuated by the shuttle as it is boxed for forcing the free end of the swell toward the shuttle.

1,620,196. VEHICLE FENDER. GEORGE F. EGAN, Jersey City, N. J. Filed July 3, 1923, Serial No. 649,321. Renewed Dec. 11, 1925. 7 Claims. (Cl. 293—37.)



1. In a vehicle fender, a basket member, mounting means for pivotally and slidably holding the basket member on a vehicle, a supporting device for holding the basket member in upright position, an interlocking element carried by said mounting means for receiving the hook when the basket member is raised, and a guide member for operation on the hook to release it from the interlocking element when the basket member is slid backwardly and arranged to guide said hook into interlocking engagement with said element upon a subsequent raising of the basket member.

1,620,197. DISPLAY CARTON. BENJAMIN EVANS, Albany, N. Y., assignor to Fort Orange Paper Company, Castleton-on-Hudson, N. Y., a Corporation of New York. Filed June 2, 1924. Serial No. 717,245. 5 Claims. (Cl. 206—44.)



5. A box having a rear wall provided with an extension, which rear wall, together with the extension, is adapted to serve as a display rack when the box is open, said rack being adapted to display merchandise on the side toward the front wall and said rack being adapted to nest within the box when closed whereby substantially the entire bottom of the box may be filled with merchandise.

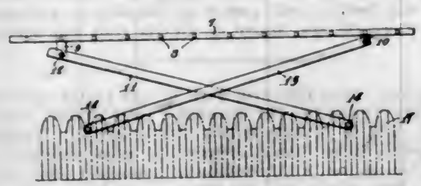
1,620,198. ROAD LIGHT. FAY G. FARWELL, Toledo, Ohio. Filed Mar. 25, 1926. Serial No. 97,161. 4 Claims. (Cl. 240—61.)

1. In a road light, a bracket, a swiveled lamp supported on the bracket, the bracket having a plane surface and a cam surface extending from the plane surface, the lamp having a bearing member for engaging the surfaces and



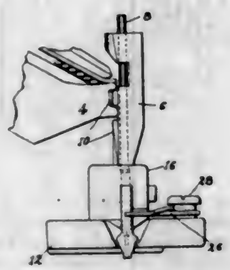
operating to tilt the axis of the lamp at an angle to a horizontal plane according to the position of the bearing member relative to the said surfaces.

1,620,199. CLOTHES RACK. JOHN B. FELICETY, Philadelphia, Pa. Filed Dec. 29, 1926. Serial No. 157,671. 8 Claims. (Cl. 34—26.)



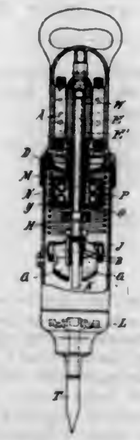
1. A clothes rack including a horizontal bar, a row of pins extending from the bar, legs hinged to the bar, and feet at the bottoms of the legs extending parallel to the pins.

1,620,200. FASTENING-INSERTING MECHANISM. GEORGE GODDU, Winchester, and FRED L. MACKENZIE, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Jan. 11, 1923. Serial No. 612,026. 8 Claims. (Cl. 1—5.)



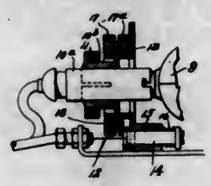
1. A fastening inserting machine having a nozzle comprising a pair of pivoted members for engaging the work and tapering towards their work engaging portion each of said members terminating in a substantially semi-cylindrical projection.

1,620,201. PERCUSSIVE HAND TOOL. RUDOLF GOLDSCHMIDT, Berlin, Germany, assignor to Det Tekniske Forsgsaktiesskab, Ordrup, Charlottenlund, Denmark, a Company of Denmark. Filed Jan. 3, 1924, Serial No. 684,262, and in Germany Jan. 17, 1923. 3 Claims. (Cl. 78—36.)



3. A percussive hand tool of the character described comprising a casing, a tup movable therein, a flyweight rotatably mounted on the tup, an electric motor mounted as a unit axially within said casing, a driving shaft, connections between said motor and said shaft, gearing between said shaft and flyweight such that the number of impacts of the tup becomes a fraction of the number of revolutions of the flyweight and a resilient transmission device interposed between the driving shaft and the flyweight.

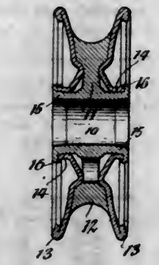
1,620,202. VEHICLE LAMP. ARNOLD GRAVES, Frinton-on-Sea, England. Filed July 19, 1922, Serial No. 575,996, and in Great Britain July 20, 1921. 3 Claims. (Cl. 240—44.)



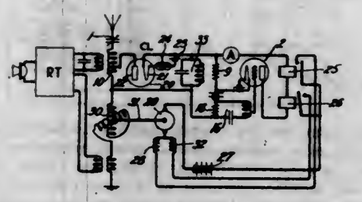
1. A lamp of the class described including an outer shell, a main frame within said shell, a reflector carrying frame pivotally mounted in said main frame, screw means for adjusting the reflector carrying frame with reference to the main frame, a lamp carrying unit including a plate having a spindle, a fixed block on the main frame for receiving the spindle, a spring confined between the spindle and the block, a flexible connection for said spindle whereby the same may be shifted in the block to move the lamp carrier axially of the reflector, and means for moving said lamp radially to the axis of the reflector.

1,620,203. TROLLEY WHEEL. LAWRENCE E. HARMON, Buffalo, N. Y., assignor to Katrina T. Harmon, Buffalo, N. Y. Filed Jan. 28, 1924. Serial No. 688,963. 2 Claims. (Cl. 191—63.)

1. A trolley wheel comprising a tubular hub, a web arranged on the exterior of the hub between the ends thereof, an annular tread arranged on the outer edge of said web, disks engaging with opposite sides of the tread and having their outer edges projecting beyond the tread while their inner edges are provided with longitudinally projecting collars which surround the ends of said hub and which are expanded into outwardly flaring conical form, said collars and hub ends being interlocked by expanding the ends of the hub into outwardly flaring conical form and engaging the peripheries of the same with the bore of said outwardly flaring collars.

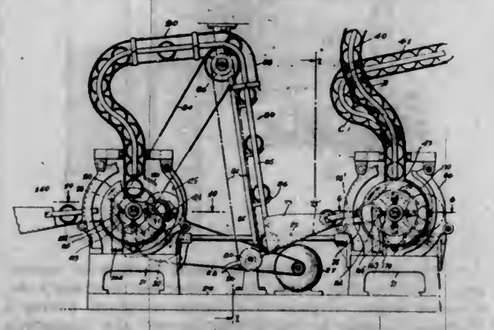


1,620,204. FREQUENCY INDICATION AND CONTROL. RAYMOND A. HEISING, Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 29, 1924. Serial No. 758,549. 15 Claims. (Cl. 250—17.)



1. In combination, a source of alternating current waves of varying frequency, and means responsive to changes in the frequency of said waves comprising a space discharge device having a space current circuit and a grid circuit, said space discharge device being supplied with space current from said source, and means to cause the space current in said device to vary in intensity directly in accordance with changes in the frequency of waves from said source, comprising a resonant circuit associated with said source and with said grid circuit.

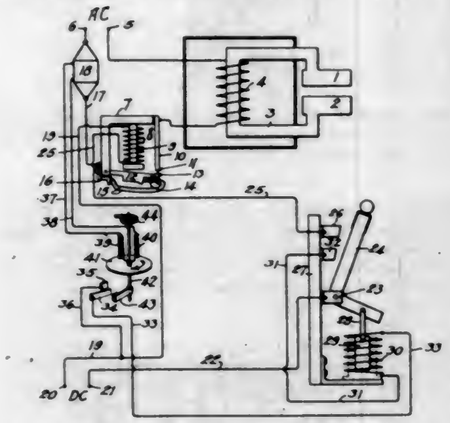
1,620,205. SHEET-METAL ASSEMBLING AND WORKING MACHINE. HENRY HERMANI, Baltimore, Md., assignor to The Tin Decorating Company, Baltimore, Md., a Corporation of New Jersey. Filed May 26, 1926. Serial No. 111,699. 33 Claims. (Cl. 113—26.)



1. A machine for inserting and securing short annular sheet-metal collars in cylindrical sheet-metal can bodies, comprising means for positioning a collar in axial aline-

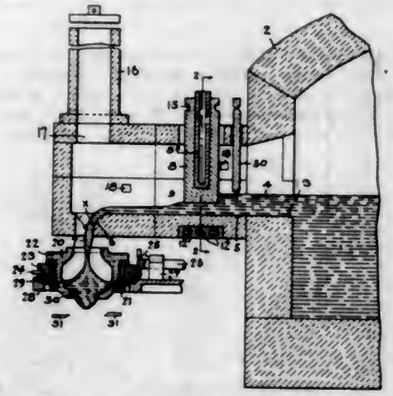
ment with an open end of a body, means then acting to move the collar axially and insert it within the body with the outward edges of the collar and body substantially in alinement, and means then acting to bead crease the inner margin of the collar and simultaneously crease the body wall to lock the collar in the body.

1,620,206. ELECTRIC WELDING AND THE LIKE. LE ROY H. HOFFER, Nyack, N. Y., assignor to Thomas E. Murray, Brooklyn, N. Y. Filed Nov. 21, 1922. Serial No. 602,324. 2 Claims. (Cl. 219—4.)



1. An apparatus for electric welding including in combination a main welding circuit, means controlled by one auxiliary electric circuit for closing the main welding circuit and means controlled by a second electric circuit for opening the main welding circuit by de-energizing the first auxiliary circuit, and a timing device controlling the second auxiliary circuit.

1,620,207. METHOD AND APPARATUS FOR FEEDING MOLTEN GLASS. GEORGE E. HOWARD, Butler, Pa., assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Feb. 20, 1922. Serial No. 537,873. 20 Claims. (Cl. 49—55.)



1. The method of producing mold charges of molten glass by centrifugal force, that comprises receiving a descending stream of glass in a heated receptacle having a discharge opening in the bottom thereof, and controlling the flow of glass from the receptacle by rotating said receptacle at periodically varying speeds to set up centrifugal forces in the glass.

1,620,208. INSECTICIDE. HENRY HOWARD, Cleveland, Ohio, assignor to The Grasselli Chemical Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 15, 1924. Serial No. 737,914. 4 Claims. (Cl. 167—6.)

1. As an insecticide barium silicofluoride.

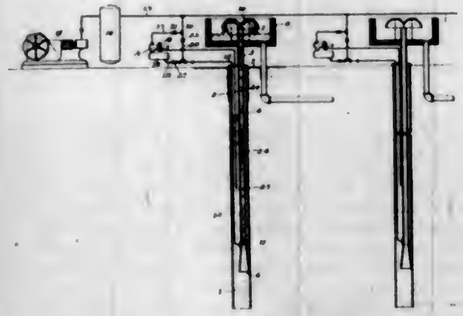
3. Method of protecting plant life against insects which comprises applying thereto barium silicofluoride.

1,620,209. SPRAY NOZZLE. CHARLES IHNE, Baltimore, Md. Filed May 24, 1924. Serial No. 715,744. 1 Claim. (Cl. 299—120.)



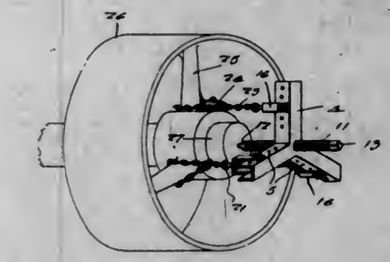
The mixing and spraying device which includes an internally threaded part, an externally threaded disc, and an externally threaded water supply pipe or tube; the internally threaded part having a plane surface which is centrally or axially apertured, this aperture being inwardly and outwardly flared from a definite plane; said disc being in said internally threaded part and having its threads meshing with those of the latter and thereby held spaced from the said plane surface and providing a centrifugal chamber, this disc having an imperforate center and a plurality of inclined ports in position to direct water onto the said plane portion, the inclination of each port being to a plane that passes therethrough and through the center of the disc; the said supply pipe having its threads intermeshing with those of the internally threaded part and having its inner end abutting against said disc, the capacity of said central aperture being greater than the combined capacities of said inclined ports for the purpose specified.

1,620,210. AUTOMATIC CONTROL FOR AIR LIFTS. CONRAD C. JACOBSON, Glen Ridge, N. J., assignor to The Artesian Well Engineering Co., Inc., Newark, N. J., a Corporation of New Jersey. Filed Oct. 6, 1923. Serial No. 667,049. 12 Claims. (Cl. 103—11.)



1. An air-regulator for air wells comprising a casing providing a chamber having an inlet connected with a pressure line and an outlet connected with said well; a valve mechanism for controlling the flow of air into said chamber; a second chamber adjacent said first-mentioned chamber; a diaphragm separating said chambers; and means for maintaining air pressure in said second chamber in proportion to the head of water in the well; said valve being connected with said flexible diaphragm and adapted to be opened and closed thereby to regulate the flow of air into said first-mentioned chamber in proportion to the differential in the pressures in the two chambers.

1,620,211. WHEEL PULLER. BENARD D. JERABEK, Hutchinson, Minn. Filed Mar. 3, 1926. Serial No. 91,979. 1 Claim. (Cl. 29—85.)

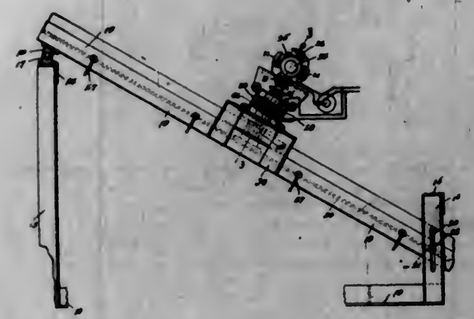


A wheel remover comprising in combination, an internally threaded boss like member, a screw threaded therethrough, a plurality of channeled shaped arms extending radially from the boss like member, a substantially U-shaped member having its arms straddling the sides of each of the channeled arms and attached thereto, an eye bolt carried by the crown portion of each of the U-shaped members, and wheel engaging elements attached to the respective eye bolts.

1,620,212. PROCESS FOR THE TREATMENT OF LEUCITE AND OTHER SODIUM AND POTASSIUM SILICATES WITH LIME FOR THE PURPOSE OF EXTRACTING POTASSIUM OR SODIUM AND ALUMINUM VALUES. FÉLIX JOURDAN, Rome, Italy. Filed Dec. 27, 1924, Serial No. 758,455, and in Italy Dec. 28, 1923. 1 Claim. (Cl. 23—80.)

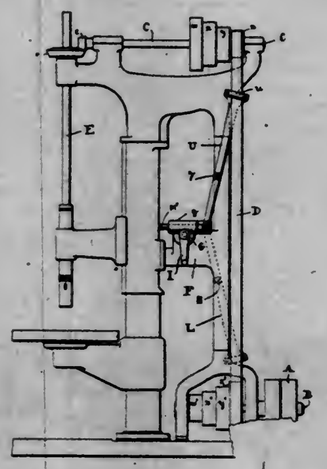
The process of producing potash and alumina from leucite treated with lime at a high temperature, until the mixture is caused to melt, which process consists in so casting the molten product that it will form big lumps, and then cooling these down in such a way as to cause them to disintegrate into a powdery mass.

1,620,213. VIBRATION MECHANISM FOR SCREENS. EDWARD T. KEENAN, Brewster, Fla. Filed Sept. 25, 1924. Serial No. 739,789. 21 Claims. (Cl. 209—368.)



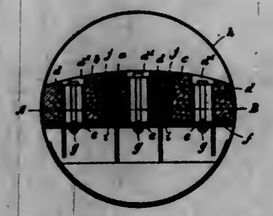
1. In combination, a supporting frame, a screen frame adjustably mounted on the supporting frame, a screen carried from the screen frame, a magnetizable plunger attached to the screen and electromagnetic means for vibrating the plunger, including a rotatable magnet structure bodily carried by the screen frame, said rotatable magnet structure alternately attracting and repelling the plunger.

1,620,214. BELT SHIFTER. DAVID C. KLAUSMEYER, Cincinnati, Ohio, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Nov. 8, 1921. Serial No. 513,637. 18 Claims. (Cl. 64—4.)



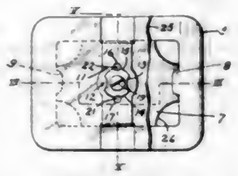
1. A belt-shifter combining a gear-segment; an interrupted rack adapted to be intermittently advanced thereby; a relatively stationary member having a socket; a detent normally engaging said rack and positioned by said socket; and means rotatable with said gear-segment for controlling the retreat of said detent to permit movement of said rack.

1,620,215. FIRE-BRIDGE. JULIUS LANGER, Hamburg, Germany. Filed Mar. 17, 1926, Serial No. 95,374, and in Germany Feb. 5, 1926. 1 Claim. (Cl. 110—82.)



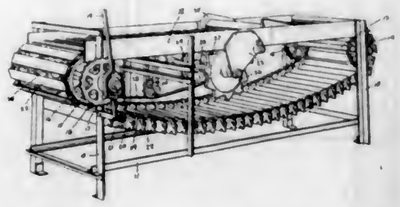
A fire bridge comprising a base having spaced openings, a plurality of pattern stones on said base arranged side by side and provided with coengaging tongues and grooves in their opposing sides, said stones being provided with vertical central openings, the dimensions of which transversely of the stones exceed the diameter of the openings in the base and bolts in said openings in the base and in the stones and having enlarged heads which bear on the upper sides of the stones.

1,620,216. BUCKLE. LOUIS LEHR, Brighton Heights, N. Y., assignor to Simon Bruner, Far Rockaway, N. Y. Filed May 25, 1926. Serial No. 111,500. 7 Claims. (Cl. 2—245.)



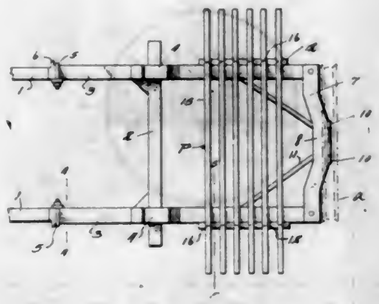
1. An ornamental device comprising a frame, a resilient member, a stem projecting from said member and means for engaging said stem when said member has been flexed to conform to the shape of said frame.

1,620,217. TURNOVER TABLE FOR VEGETABLES AND FRUITS. STACEY R. LINDLEY, Indianapolis, Ind., assignor to Indiana Canning Machinery Company, Indianapolis, Ind., a Corporation. Filed Mar. 13, 1925. Serial No. 15,392. 6 Claims. (Cl. 209—125.)



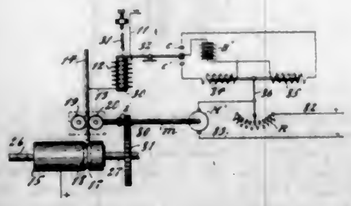
1. An endless conveyor for tomatoes, fruits or the like comprising a plurality of pivotally mounted slats for supporting and carrying the same, an actuating member, and means for operating said actuating member for causing said member to engage each of said slats and tilting the same and causing the articles carried by said conveyor to be turned over from one side to the other.

1,620,218. LUGGAGE CARRIER. EWEN MCPHAIL, Missoula, Mont. Filed June 22, 1926. Serial No. 117,807 3 Claims. (Cl. 224—29.)



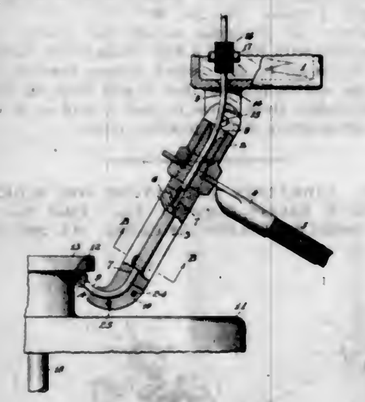
1. In combination with the side members and an end cross member of a vehicle frame, a carrier comprising angle side members, each of said side members of the carrier having a portion resting upon a side member of the frame, each of said side members of the carrier having an upwardly disposed arch to bridge the cross member of the frame, means for securing the side members of the carrier to the side members of the frame, a cross member connecting the outer end portions of the side members of the carrier, the intermediate portion of said cross member of the carrier being outwardly arched, and means carried by the arch of the cross member of the carrier to engage a tire carrier.

1,620,219. ARC-WELDING SYSTEM. HARRY D. MORTON, New York, N. Y., assignor to Automatic Arc-Welding Company, Detroit, Mich., a Corporation of Michigan. Original application filed Dec. 2, 1918, Serial No. 264,930. Divided and this application filed Dec. 24, 1920. Serial No. 432,951. 7 Claims. (Cl. 219—8.)



4. In an electric arc welding apparatus, means for conveying current to the welding strip at a point close to and at a fixed distance from the arc.

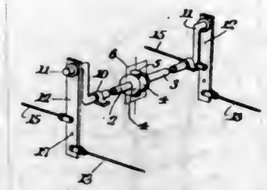
1,620,220. GUIDE AND CONDUCTOR FOR WELDING ELECTRODES. HARRY D. MORTON, New York, N. Y. Filed Feb. 5, 1924. Serial No. 690,701. 6 Claims. (Cl. 219—8.)



1. In a stationary metallic arc welding machine, means constructed and arranged to feed a welding strip downward, means operating at a constant distance from said feeding means for upwardly deflecting the end of the welding strip in order that an arc maintained between the end of said welding strip and work material may bisect the included angle of the seam to be welded.

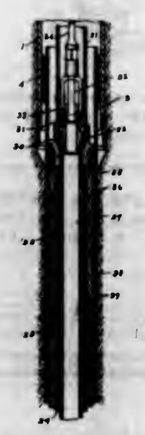
1,620,221. EQUALIZER FOR FOUR-WHEEL BRAKES. FYAN L. NELSON and JAMES A. HARMON, Uvalde, Tex. Filed July 28, 1926. Serial No. 125,428. 3 Claims. (Cl. 188—204.)

1. The combination with the front and rear brakes of a motor vehicle, of a transversely disposed differential including relatively rotatable shafts, means under the control of the driver for rotating the differential, a crank carried by each shaft of the differential, a floating lever suspended from each crank, and connections be-



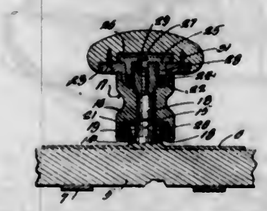
tween each lever and a front brake and a rear brake, the front brake connection being disposed below the rear brake connection.

1,620,222. PUMP. JEDDY D. NIXON and GERALD R. LIVERGOOD, Houston, Tex. Filed Nov. 29, 1924. Serial No. 752,856. 10 Claims. (Cl. 103—179.)



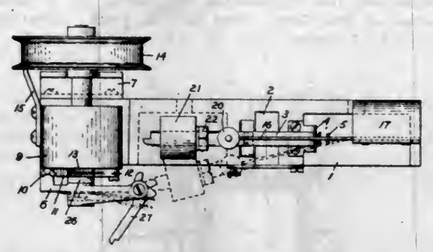
1. A pump including a working barrel, a plunger therein, packing in said barrel around the plunger, means abutting against the upper and lower ends of the packing, rotatable tubing for suspending the pump in a well bore, and operative connections through which the tubing may be employed by rotating the same to rotate the upper abutment and thereby to adjust said packing about the plunger, through said abutting means.

1,620,223. STEERING-WHEEL KNOB. DANIEL E. NORCROSS, Dallas, Tex. Filed July 8, 1926. Serial No. 121,212. 2 Claims. (Cl. 74—33.)



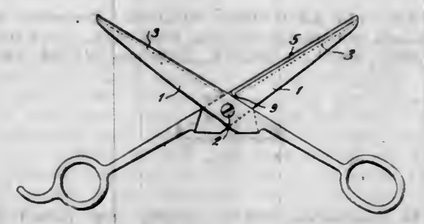
1. A steering knob for vehicle steering wheels, comprising a plate adapted to be attached to the rim of a steering wheel, a standard secured to and projecting upwardly from said plate, a sleeve mounted for rotatable movement on the standard, the said sleeve being recessed in its upper and lower ends, an anti-friction bearing mounted in the lower end of the sleeve, a second anti-friction bearing mounted in the upper sleeve recess, a cap engageable with the standard and bearing on the upper anti-friction bearing means, and a knob detachably mounted on the upper end of the sleeve.

1,620,224. VELOCIMETER. WILLIAM C. PALMER, Davenport, Iowa. Filed Apr. 14, 1923. Serial No. 632,121. 6 Claims. (Cl. 234—1.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



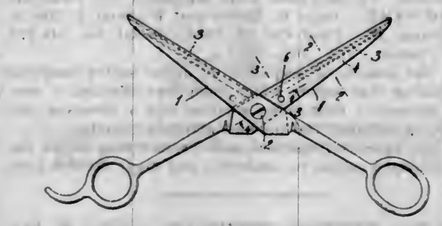
5. A velocimeter embodying a record strip movable at a predetermined velocity ratio with respect to an object, the velocity of whose movement is to be measured and a vibratory member of a predetermined beat whose vibrations are recorded on the strip and means controlled by initial movement of the strip for releasing said vibratory member.

1,620,225. SCISSORS. MORGAN PARKER, New York, N. Y. Filed Aug. 20, 1921. Serial No. 493,934. 27 Claims. (Cl. 30—13.)



1. A blade adapted to be mounted on a scissors shank, having a cross-section of continuous uniform dimensions throughout substantially its entire length, and being universally flexible.

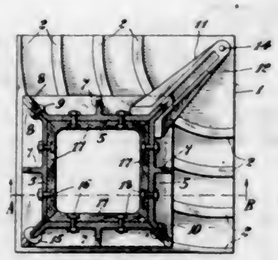
1,620,226. SCISSORS. MORGAN PARKER, New York, N. Y. Filed Aug. 20, 1921. Serial No. 493,935. 4 Claims. (Cl. 30—13.)



1. In removable blade scissors, the combination of a shank and a removable flexible blade, dovetail connection between the two along their outer lengths holding

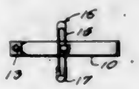
the blade in positive contact with the shank, an upstanding projection near the inner end of the shank, a hole in the inner end of the blade designed to cooperate with the pin to lock the blade against longitudinal displacement, the dovetail connection between the shank and the blade being cut away near their inner ends to permit the blade to flex and ride over the pin to locking position.

1,620,227. CORE BOX FOR INGOT MOLDS OR THE LIKE. JOHN E. PERRY, Sharon, Pa., assignor to Valley Monid and Iron Corporation, Sharpsville, Pa., a Corporation of New York. Filed May 22, 1926. Serial No. 110,884. 7 Claims. (Cl. 22—13.)



1. In a core box for use in sanding core bars to be used in manufacture of ingot molds, the combination of supporting means, and liners supported by said supporting means, said liners having work faces adapted to form matrix side walls which predetermine the side wall faces on the sanded core bar.

1,620,228. LINGERIE-STRAP HOLDER. ELIZABETH M. POLLOCK and MILTON POLLOCK, Flint, Mich. Filed Dec. 1, 1926. Serial No. 151,974. 2 Claims. (Cl. 24—73.)



1. In combination with a metallic strip formed to provide a clasp for receiving and holding the shoulder straps of undergarments, the material of the strip being longitudinally slit at transversely aligned points lying intermediate the ends of the strip, the metal of the strip at opposite sides of said slits being oppositely deformed to thereby provide an eye and a safety pin having an arm thereof directed through said eye whereby the pin is pivotally connected with and extends transversely of the clasp.

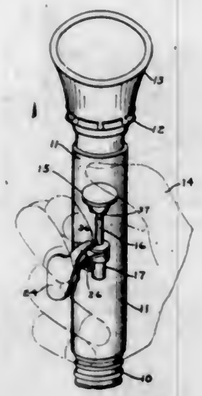
1,620,229. FUNGICIDE AND METHOD OF PREPARING SAME. JOHN H. REEDY and WILLIAM S. BROCK, Urbana, Ill. Filed Oct. 3, 1924. Serial No. 741,478. 5 Claims. (Cl. 167—6.)

2. The process of preparing an active sulfur fungicide containing zinc sulfide which comprises effecting a reaction between a lime-sulfur solution and a dissolved zinc salt, and diluting the product obtained thereby.

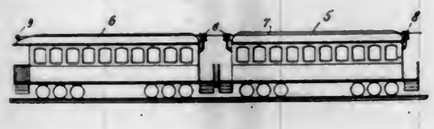
5. An aqueous fungicidal mixture including active sulfur and zinc sulfide in suspended and finely divided form.

1,620,230. CONTROL MECHANISM. JOHN E. RENHOLDT, Stratford, Conn. Filed May 19, 1924. Serial No. 714,355. 4 Claims. (Cl. 74—39.)

1. In a device of the character described, a tubular handle; a manually operable rod movable in said handle; a tube secured to said handle and adapted to guide movement of said rod; a manually operable latch adapted to lock said rod in one of its positions; a bracket for said manually operable latch; and means for securing said bracket to said tube.

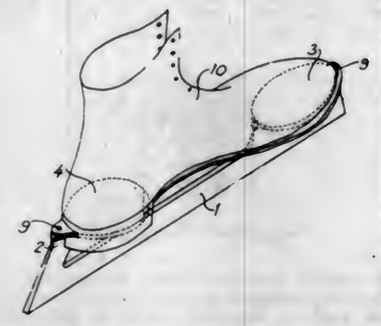


1,620,231. RADIO ANTENNA SYSTEM. DAVID WELLES RICHARDSON, Princeton, N. J. Filed Apr. 26, 1922. Serial No. 556,706. 9 Claims. (Cl. 250—33.)



1. In combination with a train of connected cars, a continuous unit antenna extending over more than one car and secured to said train only at the far ends of said antenna, the central portion of the antenna being loosely supported on intermediate cars.

1,620,232. SKATE. HERMAN RITOW, Chicago, Ill. Filed Aug. 20, 1925. Serial No. 51,407. 6 Claims. (Cl. 208—167.)



1. In combination a skate blade and shoe and means for removably attaching the two to each other, said means including a vertically curved groove permanently formed in said shoe, and a correspondingly curved edge on said skate, the curvature of the two being identical whereby the skate may be removably positioned within the groove.

1,620,233. PROCESS OF MAKING THREAD. FRANK ROSENTHAL, New York, N. Y. Filed Aug. 27, 1925. Serial No. 52,958. 11 Claims. (Cl. 18—54.)

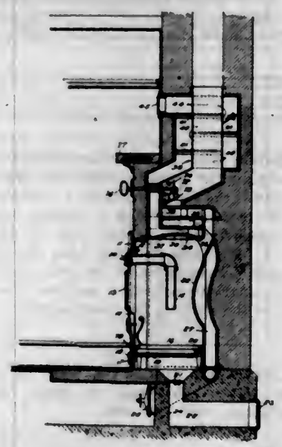
1. The herein described process of making thread for ornamental fabric, which consists in depositing viscose in substantial relief upon a base material in the form of a thread in accordance with a predetermined plan of treatment or relief ornamentation.

1,620,234. SHUTTLE TIP. ELLERY E. ROYAL, Worcester, Mass., assignor to United States Screw & Stamping Co., Worcester, Mass., a Corporation of Massachusetts. Filed July 20, 1925. Serial No. 44,766. 3 Claims. (Cl. 139—196.)



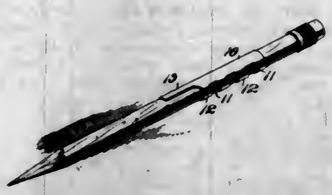
1. As an article of manufacture, a shuttle tip having a case hardened end portion and a superimposed plating of metal on the shank.

1,620,235. CONVERTIBLE BUILT-IN HOT-AIR FURNACE. GROVER C. ROYSE, Ogden, Utah. Filed Jan. 25, 1924. Serial No. 688,474. 9 Claims. (Cl. 126—121.)



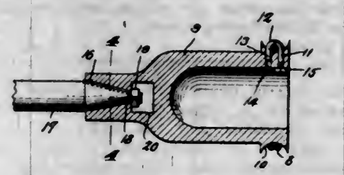
1. A convertible built-in hot air furnace having a fire box, a grate in the bottom of said fire box, a heating chamber at the top of said fire box, a removable front closing the entire front of the fire box, a stationary built-in furnace frame to which said removable front is detachably secured, a tortuous passageway conducting air to said heating chamber, and a second tortuous passageway located in the flue for conveying the heated air from the heating chamber to the space to be heated.

1,620,236. PENCIL KNIFE. JACOB SCHICK, Orange, N. J., assignor to Miller Reese Hutchison, West Orange, N. J. Filed Oct. 10, 1923. Serial No. 667,729. 2 Claims. (Cl. 120—84.)



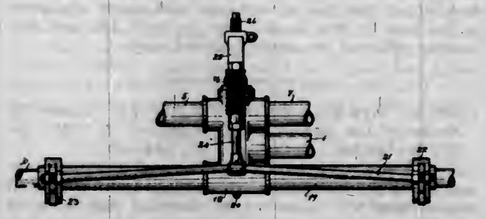
1. A pencil knife comprising a cylindrical barrel portion to fit around a pencil and a blade of the same radius projecting from one end said blade having its edges ground on the inner face and in the same plane to provide a substantially flat bearing for the blade when sharpening a pencil.

1,620,237. STEERING DEVICE. HERMAN SCHRODER, Capron, Okla. Filed Apr. 5, 1926. Serial No. 99,999. 1 Claim. (Cl. 74—79.)



In a device of the character described, a hollow head, said head having a socket formed at one end thereof, said socket being tapered to receive the tapered end of a steering rod, the wall of said socket and tapered end of said steering rod having aligning grooves, a key positioned in the aligning grooves, said steering rod having a threaded portion, said head having an opening disposed transversely therethrough, in which the threaded portion of the steering rod lies, a nut adapted to be positioned in the opening and positioned on the threaded portion of the rod, and said head having a pulley to accommodate a cable.

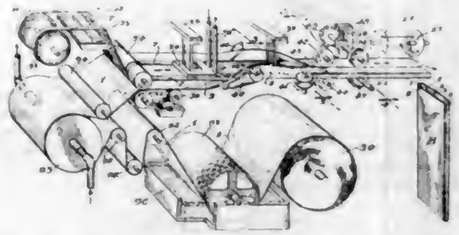
1,620,238. TEMPERATURE-CONTROLLED FLUID-MIXING DEVICE. ALLEN A. SMITH, Great Notch, N. J. Filed Jan. 10, 1925. Serial No. 1,604. 2 Claims. (Cl. 236—12.)



1. In a device of the character described, a fitting having a plurality of inlet passages and a discharge passage and an independently formed tubular passage therethrough, a valve for controlling both inlet passages, an expansible member extending through said tubular pas-

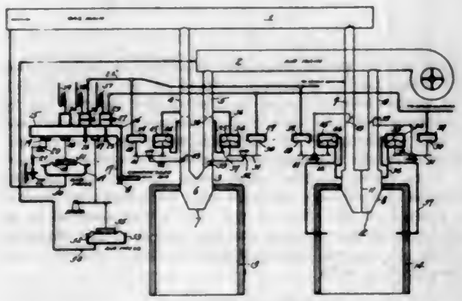
sage and having means connected thereto for controlling said valve, and means for causing the discharge from said fitting to pass through said expansible member.

1,620,239. ART OF PAPER-WARE MANUFACTURE. HARRY BRIDGMAN SMITH, Brooklyn, N. Y., assignor to Lightship Cloth Board Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Apr. 1, 1922, Serial No. 548,625. Renewed July 29, 1926. 44 Claims. (Cl. 93—1.)



1. A method of making tubular articles of sheet material, comprising associating main body forming sheet material of substantial width and relatively narrow, spaced edge reinforcing strips, and shaping and securing the assembly in flattened tubular form.

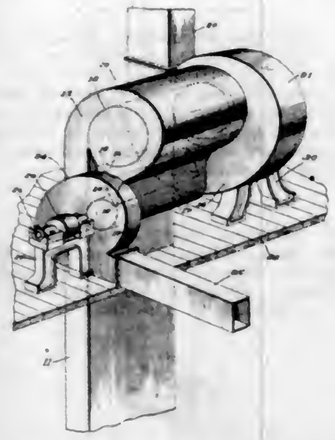
1,620,240. FLOW REGULATOR. CHARLES H. SMOOT, Maplewood, N. J. Filed May 27, 1926. Serial No. 112,188. 15 Claims. (Cl. 158—119.)



1. In a flow regulator for controlling the proportional flow of a plurality of constituents, the combination comprising a plurality of supply pipes one for each constituent, means in each pipe for controlling the flow therein, master control means, means responsive to the master control to vary the flow in each pipe, and means responsive to the rate of flow in each pipe to check the said flow varying effort of the master control means.

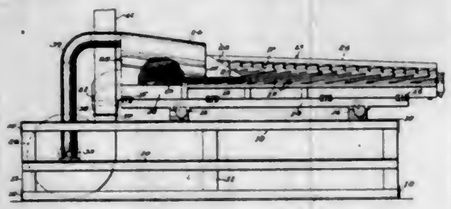
1,620,241. AIR-VOLUME DUST REDUCER. ALBERT H. STEBBINS, Los Angeles, Calif. Filed Oct. 3, 1925. Serial No. 60,209. 6 Claims. (Cl. 183—83.)

1. A device for reducing the volume of dust laden air, comprising in combination, an approximately cylindrical shaped receptacle, a conduit for directing dust laden air into the receptacles so that it whirls therein with a centrifugal force that throws the dust outwardly toward the wall of the receptacle, an outlet pipe mounted approximately centrally within the receptacle to extend longitudinally thereof and having an inlet opening to receive the dust freed air that moves inwardly toward the centre of the receptacle, a second outlet pipe extending lengthwise of the receptacle and having an inlet opening positioned to receive the dust laden air traveling adjacent said wall, and suction means for exhausting air from said



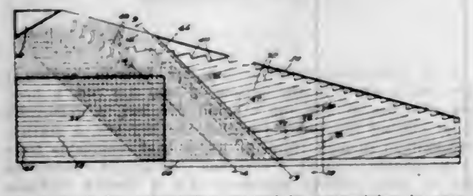
pipes so that the dust freed air travels lengthwise of its pipe in one direction and the dust laden air travels lengthwise of its pipe in the opposite direction.

1,620,242. CONCENTRATOR-TABLE FAN. ALBERT H. STEBBINS, Los Angeles, Calif. Filed Jan. 20, 1926. Serial No. 82,407. 7 Claims. (Cl. 209—502.)



1. In combination with a table concentrator having a deck surface and an air chamber below the deck surface and a hood above the deck surface, a combined blast and exhaust fan unit comprising a casing having two separate fan compartments, a blast fan in one of the compartments, a blast pipe leading from the blast fan compartment to the chamber below the deck, a suction fan in the other compartment, and a suction pipe leading from the hood to the suction fan compartment.

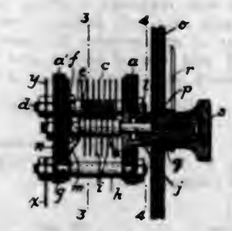
1,620,243. CLASSIFIER DECK. ALBERT H. STEBBINS, Los Angeles, Calif. Filed Jan. 20, 1926. Serial No. 82,408. 19 Claims. (Cl. 209—467.)



1. A deck for separating materials, comprising in combination, a deck casing that is supported at a transverse inclination and has a feed hopper at the juncture of the

upper side and one end of the deck, a deck surface which is provided with apertures in only that portion of the deck disposed near the feed hopper, said apertures being largest in the vicinity of the feed hopper and decreasing in size downwardly across the deck, riffles extending over the deck surface, means for forcing air upwardly through the apertures to effect a classification of the materials in the vicinity of the feed hopper, and means for vibrating the deck to advance the materials over the deck surface and to effect a movement stratification of the materials as they travel over the unapertured portion of the deck surface.

1,620,244. VARIABLE CONDENSER. FREDERICK E. SWOPE, Jr., Philadelphia, Pa. Filed May 18, 1923. Serial No. 639,731. 8 Claims. (Cl. 175—41.5.)



1. A variable consenser comprising oppositely disposed heads, a solid rod provided with a circumferential slot extending between the heads and a condenser plate having a laterally opening slot engaged within the slot in said rod, the material forming the rod being expanded longitudinally adjacent opposite sides of the plate to secure the plate in the slot.

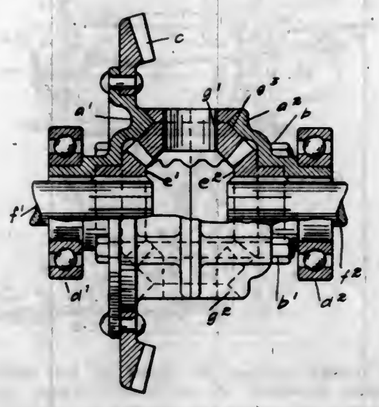
4. A variable condenser comprising oppositely disposed heads of insulating material, a plurality of fixed plates mounted between said heads, a movable plate adapted to be moved between said fixed plates, and a spring secured to one of said heads and acting on said movable plates in a direction away from the opposite head, whereby said movable plates are positioned between said heads.

1,620,245. DEVICE FOR CLOSING THE AIR BLADDERS OF SPORT BALLS OF ANY KIND. ALBERT WILHELM TURNER, Hamburg, Germany. Filed Aug. 2, 1926, Serial No. 126,566, and in Germany Jan. 2, 1926. 7 Claims. (Cl. 273—65.)



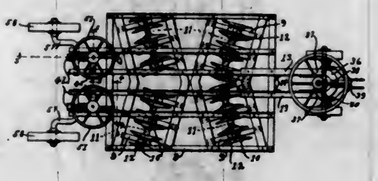
1. A device for closing the air bladder for sport balls or the like, comprising in combination with the air bladder, a projecting tubular extension of said air bladder, an air tube in said extension of the bladder, said extension and air tube adapted to be telescoped from a position outside the air bladder to a position inside the air bladder, a stopper to be inserted into the upper end of said air tube, and an elastic cap on said stopper adapted to be slipped down over upon said air tube so that when the cylindrical extension and air tube are forced into the filled bladder the cap will lie between said air tube and said extension.

1,620,246. DIFFERENTIAL GEARING. MAURICE WALTER, New York, N. Y. Filed Feb. 10, 1923. Serial No. 618,218. 6 Claims. (Cl. 74—99.)



1. In differential gearing, in combination with a rotatable housing, planet pinions each having the hub formed exteriorly with out-board bearing surfaces on which the pinion is journaled in the housing, said bearing surfaces formed to maintain the pinion against axial displacement in both directions within the housing.

1,620,247. ROAD TOOL. DANIEL M. WATTERS, Los Angeles, Calif., assignor to Killefer Manufacturing Company, Los Angeles, Calif., a Corporation of California. Original application filed Feb. 16, 1922, Serial No. 537,111. Divided and this application filed May 4, 1926. Serial No. 106,660. 2 Claims. (Cl. 280—6.)

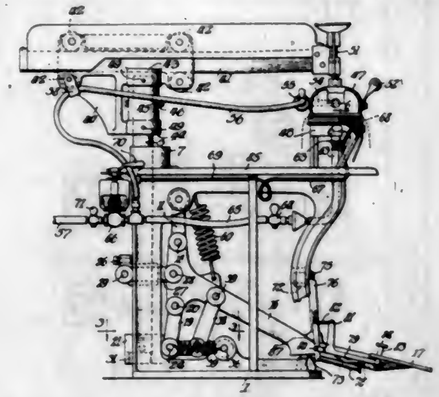


1. An implement of the character described comprising a frame, posts mounted on the frame and each provided with a trunnion nut, screws having upper and lower series of screw threads of reverse construction, said upper screw threads engaging the trunnion nuts, nuts engaging the lower screw threads, means to turn the screws, wheels shiftably connected with the frame, and means operable by movement of the last mentioned nuts along the screws to elevate the frame relative to said wheels.

1,620,248. PRESSING MACHINE. ANTON ZEMAN, Chicago, Ill., assignor to Joseph Saltzman, Chicago, Ill. Filed Jan. 16, 1924. Serial No. 686,479. 17 Claims. (Cl. 68—9.)

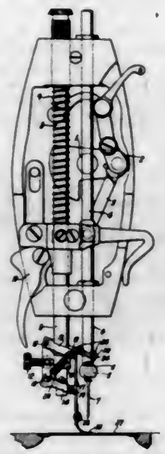
1. In a pressing machine, the combination of a main frame having a pressing table thereon, an upright shaft mounted to swing on the frame and having a pressing element thereon to one side of the shaft for pressing

articles on the pressing table, a treadle and mechanism operated thereby for raising and lowering the shaft, and means operated by the treadle to swing the shaft



and thereby increase the extent of the raising and lowering movement of the presser element which is effected by the raising and lowering of the shaft.

1,620,249. SEWING-MACHINE ATTACHMENT. HERBERT CORRALL, Helensburgh, and JAMES HEGGIE, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Feb. 23, 1924, Serial No. 694,493, and in Great Britain Mar. 5, 1923. 5 Claims. (Cl. 112—239.)



1. In a sewing machine, in combination with a vertically reciprocating needle-bar and a presser-bar, a jointed structure including a part detachably carried by the presser-bar, a foot-supporting member, and spaced links connecting said part and said member, said links being at all times disposed transversely of the presser-bar, spring means tending to depress said member, and means for lifting said member in opposition to said spring means at each ascent of the needle-bar.

1,620,250. DITCHING PLOW. FLOYD E. DUNCAN, Escondido, Calif. Filed June 30, 1925. Serial No. 40,556. 3 Claims. (Cl. 37—98.)

1. In a ditching plow, side wall members secured together at one end and positioned angularly with each other, said side wall members being provided with substantially horizontal lower edges extending from their head ends to a short distance backwardly therefrom and merging into upwardly inclined ditch-side-forming lower edges at their rear portions forming a fulcrum at the point of mergence of said edges, a runner means posi-



tioned at the rear portions of and between said side wall members, a rod pivotally connecting said runner means with said side wall members, a crank means pivotally supported by said side wall members and positioned at the rear portion of and between the same and pivotally connected with said runner means, and means for retaining said crank means in various shifted positions.

1,620,251. VANITY CASE. CHARLES N. CORYELL, Mamaroneck, N. Y. Filed July 30, 1926. Serial No. 125,851. 12 Claims. (Cl. 132—83.)



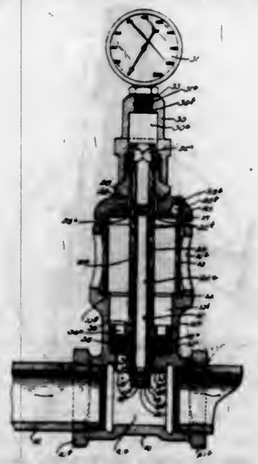
4. A vanity case comprising a pair of duplicate cover members, each cover member having a dished bottom with its rim curled inwardly to form an annular inwardly projecting flange, each flange having a cut-away portion, a bezel ring having an upstanding wall abutting the inturned flange of one cover and a lower inturned annular wall, a toilet article between said lower wall and said cover, an arcuate member having an annular lateral wall with an inner depending portion and sprung under the flange of the second cover member, a hinge connecting said bezel ring and arcuate member, a dish shaped compact holder held in said second cover by said depending portion, said upstanding wall having a catch projection to engage the annular flange of the other cover.

1,620,252. MOUNT FOR FINGER-RING FACINGS. CHARLES FISCHER, New York, N. Y. Filed Mar. 17, 1926. Serial No. 95,268. 1 Claim. (Cl. 63—29.)



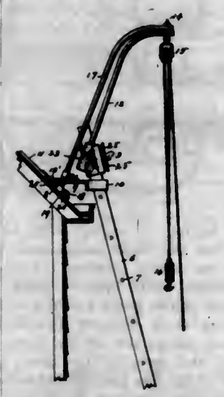
A finger ring facing mount of the character designated, comprising a casing for insertion in a ring mortise, the base plate of said casing being formed with recesses the side walls of which are flanged, shouldered and rotatable nuts fitting in said recesses and against the flanges thereof and formed with rigidly attached retaining collars which also contact with said recess flanges, a perforated cover plate rigidly attached to the flanges of the base plate, and an emblem formed with screw studs for engagement with said nuts, as and for the purpose set forth.

1,620,253. LUBRICATOR. PHILETUS W. GATES, Chicago, Ill., assignor to Hanna Engineering Works, Chicago, Ill., a Corporation of Illinois. Filed Feb. 27, 1922, Serial No. 539,337. 7 Claims. (Cl. 184—76.)



1. In a device of the class described, a lubricator comprising a body portion having a lubricant reservoir therein, a transverse actuating fluid passage, an apertured partition separating said reservoir from said passage, fibrous means located in said reservoir to normally prevent the flow of the lubricant therefrom, means to maintain said fibrous means in compressed condition comprising an apertured disk, a fluid supply tube extending from said passage into said reservoir.

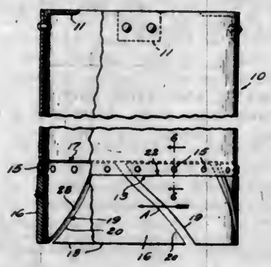
1,620,254. LADDER-PULLEY-BLOCK SUPPORT. PAUL G. GAUSS, Indianapolis, Ind. Filed July 19, 1926. Serial No. 123,518. 3 Claims. (Cl. 228—60.)



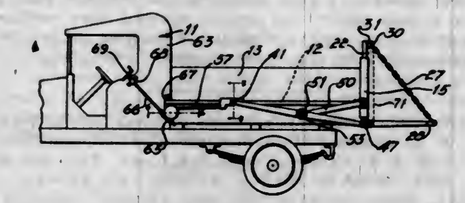
1. The combination, with a ladder adapted to be supported from a house, a clamp on the ladder having a socket extending obliquely of the ladder, a bar seated in the socket and extending on the side of the ladder remote from the house, a block and tackle, and means for supporting the block and tackle from the outer end of the bar.

1,620,255. TUBULAR STONE SAW. JOHN A. HALL, Seattle, Wash. Filed July 11, 1925. Serial No. 42,921. 4 Claims. (Cl. 125—20.)

1. A tooth for a tubular stone-saw, said tooth having parallel upper and lower edges and substantially parallel front and rear edges disposed obliquely with respect to the first named edges, said tooth being curved horizontally to the curvature of the saw's circumference and having a rabbet in the upper portion of its convex side to provide a bearing shoulder and a tongue at the concave side of the tooth and protruding above the plane of said shoulder.

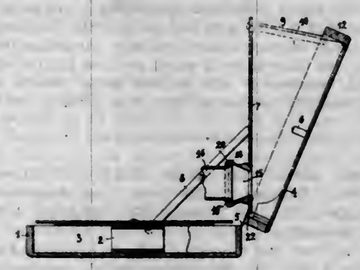


1,620,256. TRUCK ELEVATOR UTILIZING PARALLEL MOTION. WILLIAM H. HEISE, Los Angeles, Calif. Filed Mar. 20, 1926. Serial No. 96,168. 9 Claims. (Cl. 214—75.)



1. In combination: a structure forming part of a vehicle; a horizontal platform; means for attaching said platform to said structure so that said platform may be moved between raised and lowered position; a guide supported by said structure; a block adapted to slide along said guide; means whereby said block may be moved along said guide; and parallel motion mechanism connected to said block and to said platform whereby said platform is moved when said block is moved without swinging it from horizontal position.

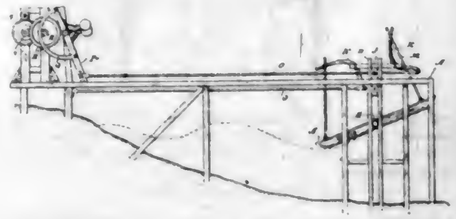
1,620,257. TALKING MACHINE. KARL HOLTZ, Berlin, Germany, assignor to Carl Lindström Aktiengesellschaft, Berlin, Germany. Filed Mar. 10, 1924, Serial No. 698,204, and in Germany Aug. 17, 1923. 2 Claims. (Cl. 274—2.)



2. In a talking machine, the combination with a relatively shallow base member having a bottom panel and sides and containing a turn table and driving means therefor, of a cover member hinged to the base and comprising a top and sides, the sides being approximately of the same depth as the sides of the base, a wall

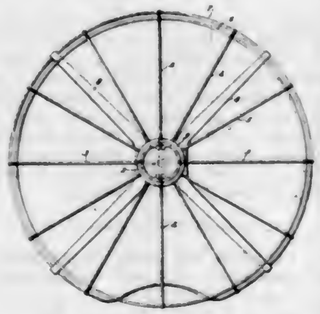
hinged to one side of the cover member at the margin thereof, means carried by said wall for supporting the tone arm of the machine, and two substantially triangular walls hinged to the cover member for movement into position to cooperate therewith to convert the cover member into a sound amplifier.

1,620,258. WAVE AND TIDE MOTOR. NISHAN HOSHAFIAN, Forest Hills, N. Y. Filed May 2, 1924. Serial No. 710,638. 5 Claims. (Cl. 253—11.)



1. Means for guiding a buoyant element in wave and tide motors of the character described, comprising a vertical guideway, a plate slidable in said guideway, having an annular opening and means comprising roller bearings carried by the buoyant element and engaging the annular opening to pivot the buoyant element in the plate.

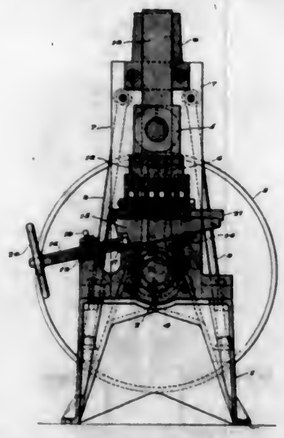
1,620,259. MEDALLION. JOHN D. KARLE, Roselle Park, N. J., assignor to Diehl Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 5, 1924. Serial No. 684,513. 8 Claims. (Cl. 230—1.)



1. A fan-guard medallion comprising a one-piece sheet-metal member formed with flat peripherally disposed hook-shaped tangs having circumferentially extending free end-portions, the inner edges of which portions and the adjacent peripheral portions of said member define throats for embracing radially extending face-wire portions of a fan-guard.

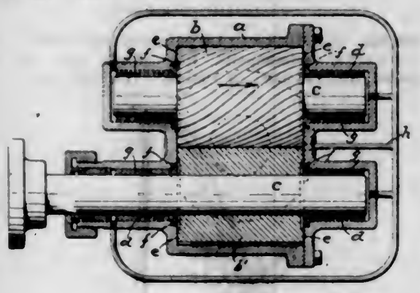
1,620,260. BOLT OR ROD STRAIGHTENING MACHINE. DANIEL P. KELLOGG, Los Angeles, Calif. Filed Dec. 19, 1921. Serial No. 523,407. 4 Claims. (Cl. 153—48.)

1. A machine for reforming rods or cylindrical objects, including a pair of die blocks having correspondingly alined angular intermeshing die elements adapted to receive the objects to be reformed between them, and means for applying pressure to the die blocks to reform the object, each die block having a series of similar recesses of equal width and parallel sides alternating with the recesses in the other die block so that the portions of one die block will be received within the recesses of the other, said recesses extending through the sides of their respective die blocks, the bottoms of the recesses in one block extending as prolongations of the surfaces of the angular



die elements and the other block being formed with the bottoms of the recesses parallel to the apices of the angular die elements thereof.

1,620,261. ROTARY GEAR PUMP. FRANK W. KENNEDY, Trenton, N. J., assignor to De Laval Steam Turbine Company, Trenton, N. J., a Corporation of New Jersey. Filed June 11, 1924. Serial No. 719,237. 3 Claims. (Cl. 103—128.)

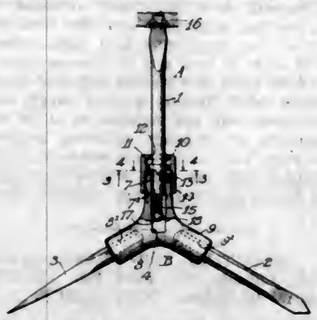


1. A pump having a casing with an inlet and discharge outlet for the fluid to be pumped, intermeshing pump gears in the casing between the inlet and discharge sides of the casing, there being a slight clearance space between the ends of the gears and the walls of the casing, there also being fluid delivery conduits for delivering fluid from the discharge side of the pump to the clearance spaces between the ends of the gears and the casing, whereby a flow of fluid is maintained between the ends of the gears and casing from the discharge side of the pump to counterbalance the end thrust of the gears by the flow of such fluid.

1,620,262. COMBINATION TOOL. RALPH KLABOE, Chicago, Ill. Filed Aug. 12, 1925. Serial No. 49,760. 5 Claims. (Cl. 7—15.)

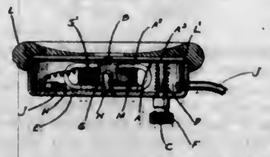
1. A combination tool comprising a body portion provided with a plurality of sockets, and individual tools secured in said sockets, the relation being such that said individual tools will diverge from one another and any two of them with said body portion will form a handle for manipulating another tool, said combination tool comprising an individual tool secured in its socket so as to

be rotatable and endwise movable, a clutch adapted for locking said tool to and releasing it from said body portion, endwise movement of said tool produced by pressure



on said tool in operation effecting engagement of said clutch, and a spring applied to said tool adapted to impart endwise movement thereto to disengage said clutch.

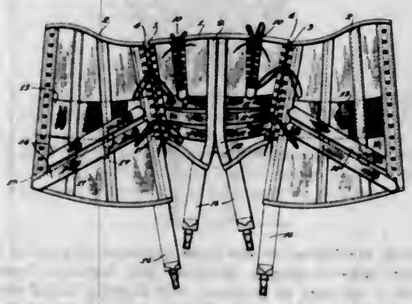
1,620,263. TELEPHONE RECEIVER. JACK KLEINMAN, Bronx, N. Y., assignor to Henry Hyman & Co., Inc., New York, N. Y., a Corporation of New York. Filed Mar. 24, 1923. Serial No. 627,519. 3 Claims. (Cl. 179—114.)



1. In a telephone receiver, a casing, an electro-magnet therein, a non-magnetic diaphragm in the casing and centrally disposed over the magnet, a magnetic ring concentric with the diaphragm and having its periphery held in the casing, said ring having a tongue extending to the center of the diaphragm with its inner end attached to the diaphragm and an adjusting member attached to the tongue and extending through the casing at one side of the magnet and arranged to adjust the tongue and the diaphragm toward and away from the magnet.

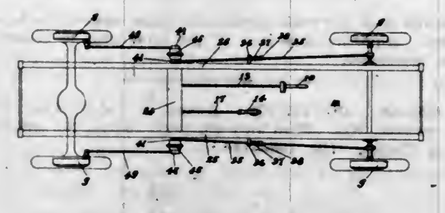
2. In a telephone receiver, a casing, an electro-magnet secured within said casing, and a wire-securing member clamped between the magnet and casing and having arms arranged to hold wires connected to the magnet.

1,620,264. MATERNITY CORSET. ALEATHA H. LOCKWOOD, Hartford, Conn. Filed Aug. 29, 1921. Serial No. 496,205. 14 Claims. (Cl. 2—41.)



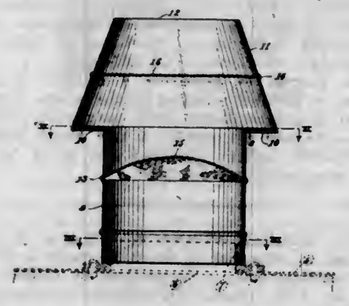
1. A corset embodying a closed front portion and a back portion adapted collectively to encircle the torso of a wearer, a belt section positioned at the waist line and incorporated in the back portion, and weight carrying bands incorporated in and extending across the front portion of the corset over the lower abdomen, said bands extending between the termini of the belt section where they are secured and being fanned out toward the medial line of the front portion whereby a sling is provided which transmits the strain to the belt section above the hips.

1,620,265. BRAKE-APPLYING MECHANISM FOR MOTOR VEHICLES. HERBERT V. LUDWICK, Philadelphia, Pa., assignor to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 24, 1923. Serial No. 641,109. 13 Claims. (Cl. 188—10.)



1. Brake-applying mechanism for motor vehicles comprising four-wheel brakes, a brake lever for simultaneously operating all of said brakes, flexible connections between the brakes on opposite sides of the vehicle, and connections including differential gearing between the brakes on the same side of the vehicle.

1,620,266. MEANS FOR EXTRACTING SOOT AND GREASE FROM FLUE GASES. JOSEPH A. MCCARTHY, Jamaica, N. Y. Filed Mar. 3, 1925. Serial No. 12,987. 3 Claims. (Cl. 183—74.)

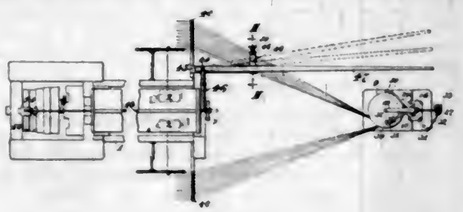


1. A device for extracting soot and grease from the flue gases emitted by a cooking stove, comprising a flue pipe adapted to be fitted at its lower end over the flue outlet flange of the stove and having an outturned continuous flange at its upper end provided with air inlet openings, a foraminous partition in the flue pipe below said inlet openings, a hood attached at its lower end to the outer edge of said flange and open at its upper end, and a foraminous partition for the hood above said inlet openings.

1,620,267. WINDING MACHINE. JOHN O. MCKEAN, Westfield, Mass., assignor to Foster Machine Company, Westfield, Mass., a Corporation of Massachusetts. Original application filed Oct. 1, 1924, Serial No. 740,979. Divided and this application filed June 11, 1925. Serial No. 36,405. 5 Claims. (Cl. 64—4.)

1. In a manually operated belt shifter, a support and a belt shifting lever pivoted thereon, said support being

provided with stops for limiting the movement of the lever and an intermediate adjustable stop mounted on said support in position to engage the lever when the lever is



moved from one limit toward the other limit of its movement, requiring deflection of the lever arm to complete its movement.

1,620,268. CONVEYER. EMERY M. MCVICKER, Milwaukee, Wis. Filed July 29, 1921. Serial No. 488,308. 4 Claims. (Cl. 198—146.)

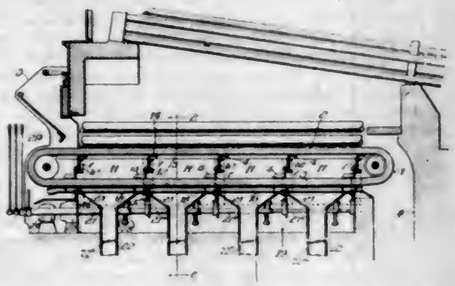


1. In an endless conveyer, the combination of an endless chain, means for driving said chain, a plurality of material sustaining sections pivotally connected with said chain, and latches carried by said chain for releasably supporting said sections in material sustaining position.

1,620,269. COMBINED FACE POWDER AND SKIN BLEACH. FREDERICK A. MARSEK, Milwaukee, Wis., assignor to Kolmar Laboratories, Milwaukee, Wis., a Corporation of Wisconsin. Filed Aug. 12, 1922. Serial No. 581,551. 3 Claims. (Cl. 167—9.)

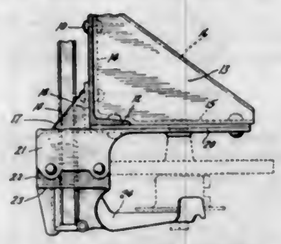
2. The process of preparing a cosmetic compound, consisting in suitably mingling a face powder containing powdered talc, precipitated chalk, magnesium carbonate, zinc stearate and zinc oxide; a skin bleach containing zinc perborate, sodium peroxide; and oil of lemon, in suitable proportions as described.

1,620,270. STOKER FURNACE. THOMAS A. MARSH, Chicago, Ill., assignor to Green Engineering Company, East Chicago, Ind., a Corporation of Illinois. Filed Jan. 29, 1923. Serial No. 615,485. 1 Claim. (Cl. 110—40.)



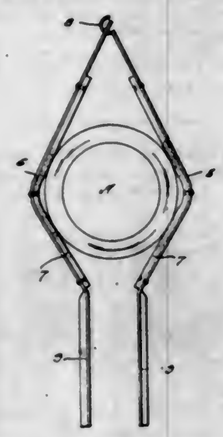
In a stoker, the combination of an endless chain grate having upper and lower leads, an upper set of cross-members dividing the space between said leads into a plurality of transverse compartments open to both leads, skids beneath the lower lead and extending lengthwise thereof for supporting the same, a lower set of cross-members beneath said skids and arranged transverse thereto in vertical alignment with the cross-members of the upper set for supporting said skids, shoes bearing against said leads at both sets of cross-members, ducts at the sides of the grate and opening into said compartments for supplying draft thereto, a main supply conduit beneath said lower lead and common to all of said ducts, and a plurality of droppage collecting hoppers in the spaces between the lower cross-members, said hoppers being arranged one for each compartment and having outlets to discharge the droppage collected thereby.

1,620,271. MOUNTING FOR BRAKE GEARS. FRED MATHEWS, Chicago, Ill. Filed Feb. 11, 1926. Serial No. 87,594. 10 Claims. (Cl. 74—121.)



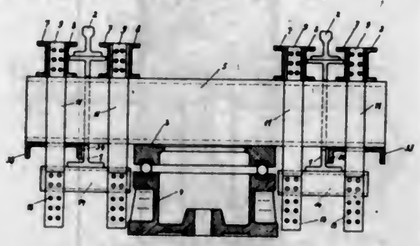
1. In combination with a car end sill of channel section, of a gusset secured to the end-sill and extending inwardly therefrom longitudinally of the car, a top casting consisting of a plate disposed underneath the lower flange of the sill, an extension projecting inwardly from said plate and connected to said gusset, an upstanding member on said plate outside said sill and engaged therewith and a bottom casting connected to said top casting and cooperating therewith to mount a gearing mechanism between the same.

1,620,272. JAR HOLDER. CHARLES J. MAY, Mishawaka, Ind. Filed Dec. 17, 1925. Serial No. 75,989. 1 Claim. (Cl. 81—3.2.)



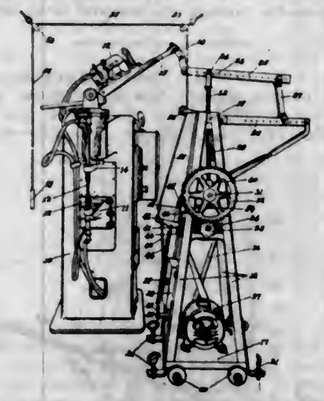
In a jar holder of the class described a pair of relatively wide V-shaped metallic jaw members between which a jar may be disposed, anti-slipping lining secured upon the inner faces of said jaws, means at one end of the jaws whereby the same may be detachably pivoted together, said means comprising a hook formed on one jaw member and adapted for engagement within a slot formed within the end of the other jaw member, the other ends of the jaw terminating in horizontally extending handles, said handles being curved transversely throughout their length.

1,620,273. TURNTABLE. KARL MAYER, Vienna, Austria. Filed July 19, 1926, Serial No. 123,428, and in Austria July 21, 1925. 5 Claims. (Cl. 104—35.)



1. In a turn-table having subdivided main girders, the combination of a central bearing having a rotating plate, cross girders fixed to said rotatable plate, girder pieces removably supported by said cross girders, flexible lamels fixed with their upper ends to said girder pieces, and supporting pieces fixed to the lower ends of said lamels, each of said supporting pieces serving as a support for one of the ends of the main girder parts to be joined, said lamels together with said girder and supporting pieces being removable as a whole when the turn-table is dismounted.

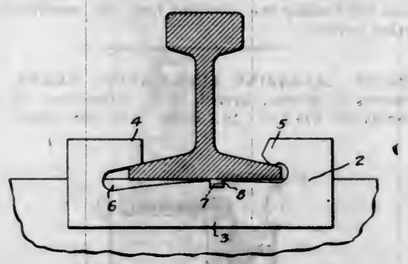
1,620,274. AUTOMATIC ELECTRIC WELDING MACHINE. JOSEPH W. MEADOWCROFT, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 17, 1921, Serial No. 501,274. Renewed Jan. 21, 1927. 22 Claims. (Cl. 219—4.)



1. A machine of the character described comprising a pair of electrodes connected in an electric circuit, motor means for automatically and continuously reciprocating one of said electrodes and means for automatically arresting the moving parts of said motor means only at such time when said electrodes are in separated position.

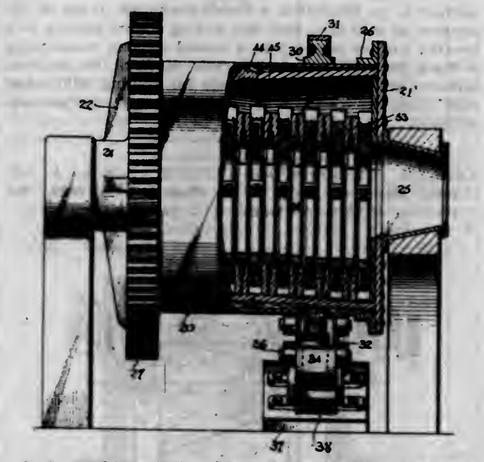
1,620,275. RAIL ANCHOR. GEORGE L. MOORE, Bethlehem, Pa. Filed Feb. 18, 1926. Serial No. 89,004. 4 Claims. (Cl. 238—329.)

1. A rail-anchor comprising an integral member having an under-rail portion and inwardly extending long and short end jaws to bear upon the sloping tops of the two rail-base flanges, and a separate shoe adapted to occupy a definite position on said under-rail portion and bear against the bottom of the rail, the whole being



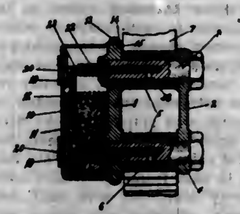
constructed and arranged to be driven transversely of the rail into strong gripping engagement therewith, substantially as set forth.

1,620,276. ORE-GRINDING MACHINE. GEORGE W. MORTHLAND, Lead, S. Dak. Filed May 10, 1921. Serial No. 468,360. 8 Claims. (Cl. 83—9.)



1. A crushing device for mills comprising a master ring, crushing shoes having openings receiving said ring, said shoes being provided with radial openings communicating with said first named openings whereby the material being ground will be packed within said radial openings and engaged with said ring, and fastening devices for securing said shoes to said ring.

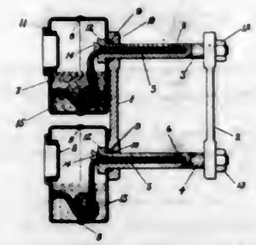
1,620,277. MAGAZINE LUBRICATING MEANS. CORNELIUS T. MYERS, Avenel, N. J. Filed Aug. 8, 1923. Serial No. 656,386. 10 Claims. (Cl. 308—120.)



1. In a magazine lubricating means for automotive vehicles, a shackle member adapted to aid in the support of a bearing having a surface to be lubricated, said shackle

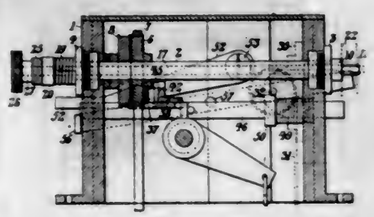
member serving as one part of a lubricant supply reservoir, a second member constructionally separate from the shackle member but adapted to be fastened thereto in a manner to form the remaining part of said reservoir and means for feeding the lubricant from the reservoir to the bearing surface.

1,620,278. MAGAZINE LUBRICATING MEANS. CORNELIUS T. MYERS, Avenel, N. J. Filed Nov. 15, 1923. Serial No. 674,872. 12 Claims. (Cl. 308—120.)



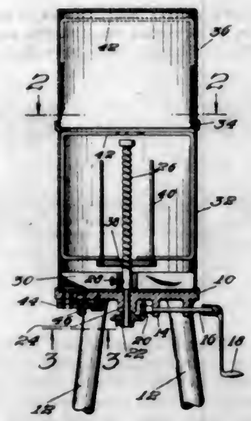
1. In a magazine lubricating means, a bolt having a surface to be lubricated, a member adapted to aid in the support of said bolt, said bolt having a port leading to a bearing surface on the bolt, a second member constituting a fluid lubricant supply reservoir fastened to the first member by said bolt, and means for feeding fluid lubricant from the reservoir to said port for the purpose described.

1,620,279. RIBBON-SPOOL CLUTCH. SAMUEL A. NEIDICH, Edgewater Park, N. J. Filed July 28, 1925. Serial No. 46,580. 5 Claims. (Cl. 242—68.)



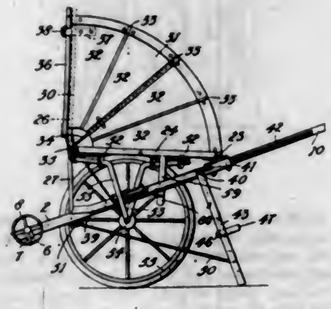
1. In ribbon spool clutch mechanism; the combination with a tubular winding shaft, having an internal screw thread, at one end; of a clutch sheath member having an external screw thread, at one end, detachably fitted in said shaft thread, and having a longitudinal groove for a clutch blade; a clutch blade fitted for longitudinal and radial reciprocation in said groove, and having a cam incline at its inner edge arranged to ride in the bottom of said groove, over the front end of the latter, and having an internally screw threaded socket, in its rear end; a clutch rod mounted to reciprocate in said winding shaft, and having a screw thread, at its front end, arranged to fit said socket, and a screw thread at its rear end, provided with a removable knob; a collar on said rod, in spaced relation with said knob; a spring on said rod, arranged to operate said clutch; a yoke fitted on said rod between said knob and collar; a chain bar rigidly connected with said yoke, parallel with said rod, and mounted to reciprocate in said frame, with said clutch rod; and a chain operatively connected with said chain bar, to release said clutch; whereby said clutch may be operated to detachably rigidly engage the cylindrical wall of an axial opening in a ribbon spool, and thus detachably operatively connect such spool with said winding shaft.

1,620,280. DISPENSER. CHARLES T. NEWTON, Glendale, Calif. Filed Sept. 21, 1925. Serial No. 57,801. 2 Claims. (Cl. 221—67.)



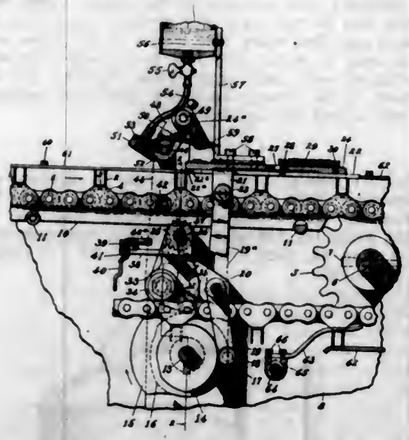
1. A dispenser, including in combination, a dispensing tank having a discharge opening therein, closure means for the opening, and manually operated means for forcing material through the opening, said means comprising a series of paddle blades rotatably positioned in the dispenser, and further means simultaneously operated with the discharge means for maintaining a uniform consistency in the material to be dispensed and for scraping the sides of the container, said means including a vertical screw, a crossbar on the screw, and mixing rods on the crossbar, the rotation of the screw forcing the said prongs upwardly through the material to be dispensed.

1,620,281. COLLAPSIBLE BABY CARRIAGE. WILLIAM ROBERT OYSTON, Sydney, New South Wales, Australia. Filed Nov. 2, 1925, Serial No. 66,376, and in Australia Feb. 26, 1925. 8 Claims. (Cl. 280—40.)



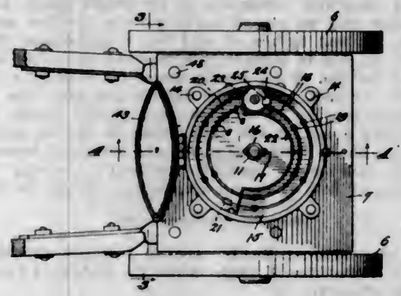
5. A collapsible baby carriage comprising a frame, a seat pivotally connected thereto, a body movably mounted on the seat, a handle slidable in the frame, lever connections intermediate the said seat and body, and means on the frame adapted to be operated by the sliding movement of the handle to collapse the body on the seat and lower the seat on the frame.

1,620,282. MACHINE FOR APPLYING AND GUMMING LABELS, WRAPPERS, AND THE LIKE. HAROLD H. PELZER, New York, N. Y. Filed Aug. 2, 1924. Serial No. 729,724. 8 Claims. (Cl. 93—7.)



1. In label applying or wrapping mechanism, the combination with a conveyer for conveying the articles to be wrapped successively to the labelling or wrapping devices, of a finger for folding a free end of the label or wrapper upon the article, a pad for gumming or moistening the underside of the other end of the label, a slide for folding down such other end, and mechanism for causing the folding finger to retreat as the slide advances, substantially as set forth.

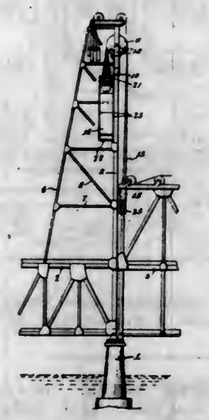
1,620,283. DOUBLE-ROW GINSENG SEED DRILL. JAMES C. PETERS and JAMES BRICE PETERS, Reedsville, Pa. Filed June 13, 1924. Serial No. 719,843. 1 Claim. (Cl. 221—138.)



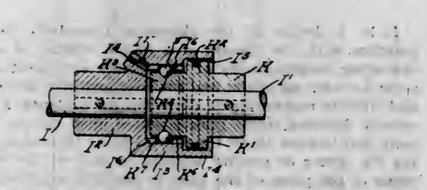
A drill including a wheel supported frame, said frame having a discharge opening, a seed box mounted on the frame, a partitioning member within the seed box and dividing the seed box into a receiving chamber and a curved passageway, a rotary member having spaced openings formed therein and having grooves establishing communication between the openings, means for rotating the rotary member, and a brush at one end of the passageway for sweeping seed resting on the upper surface of the rotary member.

1,620,284. METHOD AND APPARATUS FOR CHANGING MAIN SHEAVES AND CABLES ON LIFT BRIDGES. ERIC A. PEARSON, Portland, Oreg. Filed July 21, 1924. Serial No. 727,240. 6 Claims. (Cl. 14—42.)

5. In a lift bridge of the character described, the method of repairing the suspending means of the counterweights consisting in placing a temporary sheave element adjacent the main sheave element to be repaired, mounting a movable girder at an end of the lift span below a fixed girder thereof, connecting said counterweights with said movable girders by a temporary auxiliary cable element, and then moving said movable girder from said fixed girder by an interposed mechanical power, thereby to suspend said counterweights by said temporary cable element.



1,620,285. FLEXIBLE COUPLING. SOLOMON POLLAK, San Francisco, Calif., assignor to Link-Belt Company, Chicago, Ill., a Corporation of Illinois. Filed July 2, 1925. Serial No. 41,041. 3 Claims. (Cl. 64—91.)

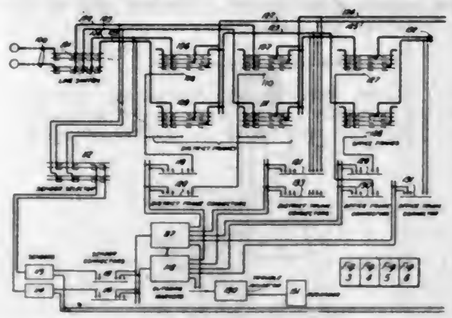


1. In a flexible coupling a pair of opposed, closely abutting shaft ends, coupling sleeves mounted on each of said shafts, one of said coupling sleeves being formed with a generally cylindrical portion adjacent the end of the shaft to which it is secured, an outwardly projecting flange about the intermediate portion of said sleeve, the cylindrical portion being penetrated by a plurality of spherically formed apertures, the other sleeve being provided with a generally cylindrical enclosing sleeve surrounding said first mentioned sleeve and provided with a plurality of axial grooves of generally arcuate cross section, and balls positioned in said cylindrical apertures and seated in said grooves, and a packing ring interpositioned between said outwardly projecting flange and the cylindrical enclosing sleeve.

1,620,286. TROUBLE-INDICATING SYSTEM. LOUIS M. POTTS, Tenafly, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 25, 1924, Serial No. 752,080. Renewed Jan. 3, 1927. 14 Claims. (Cl. 179—175.)

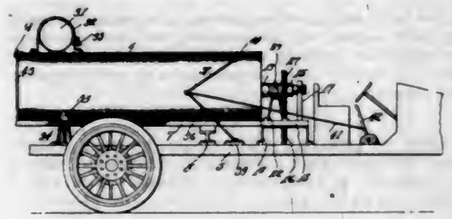
2. The combination in a telephone system of switching apparatus for extending connections, a switch controlling mechanism for governing the operation of said apparatus,

a recording device, and mechanically operated means for associating said device with said mechanism if it should fail to function properly for causing the operation of said



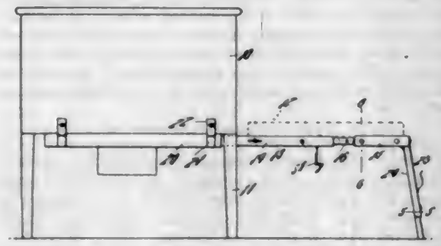
device to produce a permanent record giving information of the different degrees of progress made by such mechanism.

1,620,287. CONCRETE MIXER. HOWARD POWERS, Marietta, Ohio. Filed Feb. 1, 1926. Serial No. 85,147. 3 Claims. (Cl. 83—73.)



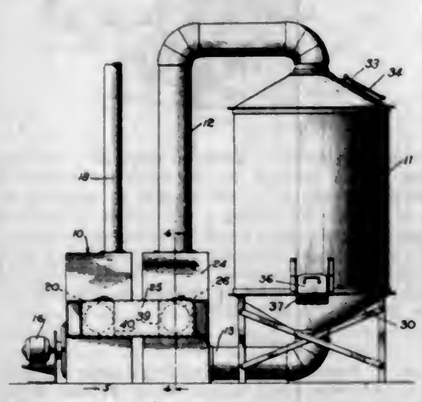
1. In a device of the character described, the combination wtih the chassis of a motor vehicle, of a body extending longitudinally of the chassis and pivoted at a point between its center and the rear and upon the chassis and tiltable rearwardly to discharge its contents, a transversely disposed water tank mounted upon the top of the body and located above the pivotal point thereof and having its center of gravity slightly in rear of the vertical plane of the pivot of the body to partially counterbalance the same and having means for discharging its contents into the said body, and means connected with the body in advance of the pivotal point for swinging the said body on its pivot to dump the body and return the same to its normal position.

1,620,288. SUPPORTING DEVICE. JOHN C. REINKE, Jr., Pulaski, Wis. Filed Mar. 27, 1925. Serial No. 18,876. 2 Claims. (Cl. 248—41.)



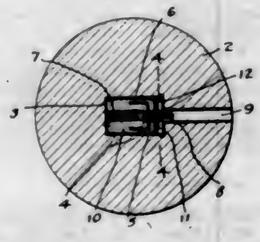
1. A tray supporting device of the character described comprising a frame mounted for sliding movement, and including extensible side and end members, an intermediate extensible member connecting the side members, extensible legs for supporting one end of the frame, oppositely located brackets extending inwardly from the side members near one end of the frame, curved connecting bars having their ends pivotally secured to the brackets and their other ends secured to the upper ends of the legs to permit said legs to be folded inwardly or extended with their upper ends engaging the end members of the frame, and means detachably engaging the legs to hold the legs folded.

1,620,289. DESICCATOR. GRAHAME B. RIDLEY, San Francisco, Calif., assignor to Edward B. Ward, San Francisco, Calif. Original application filed Oct. 22, 1924, Serial No. 745,103. Divided and this application filed July 13, 1925. Serial No. 43,197. 3 Claims. (Cl. 34—34.)



1. A desiccator comprising a bin within which bulk materials may be placed, induction and eduction ports in the top and bottom of said bin, a foraminous floor within the bin to support bulk material above the bottom of the bin, an air heater, means for creating a circulation of said heated air through the bin from an induction port to an eduction port, control means for permitting a mixing and replenishing of the air drawn from the bin by fresh air, and means interposed between the bin and the air heater for optionally reversing the direction of flow of the air circulating through the bin.

1,620,290. SIGNAL BALL. ADOLPH J. RUBIN, Brooklyn, N. Y. Filed Nov. 7, 1925. Serial No. 67,564. 1 Claim. (Cl. 273—62.)



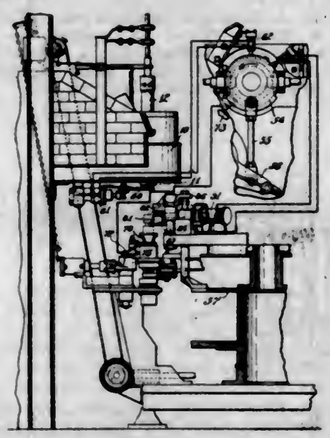
A golf ball containing a signal comprising a spring adapted to be wound, retarding means and sounding means to be actuated by the spring.

1,620,291. SWIVELING HEADLIGHT OF AUTOMOBILES. ESSINGTON ODERNHEIMER RUTTER, Bangaroo, near Canowindra, New South Wales, Australia. Filed Apr. 24, 1925. Serial No. 25,504. 7 Claims. (Cl. 240—62.)



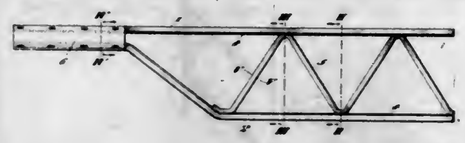
1. A swiveling mount for automobile headlights including a stem for each light pivotally supported, a linkage between said stems to maintain the lights in approximately parallel relationship, an extension on the supporting stem of one light, a crank arm thereon, a shaft mounted parallel to said stem, a crank thereon, a linkage connecting said cranks for simultaneous operation therewith, a second crank on said shaft, a rod fixed on said second crank parallel to said shaft, a slotted bracket carried by a tie-rod associated between the steering mechanism and steering wheels of the automobile, said first rod being positionable between and spaced from the walls of said slot.

1,620,292. GLASS-WORKING MACHINE. ALEXANDER SAMUELSON, Terre Haute, Ind., assignor to Chapman J. Root, Terre Haute, Ind. Original application filed July 27, 1922, Serial No. 577,792. Divided and this application filed Jan. 9, 1924. Serial No. 685,151. 2 Claims. (Cl. 49—18.)



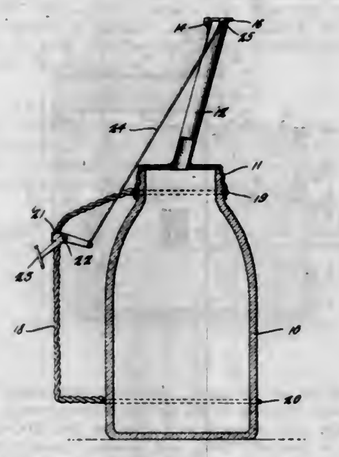
1. In a glass working machine, the combination of a vertical support, a blow-head-support pivoted on said support and vertically movable thereon, a blow-head carried by said blow-head-support, a cylinder-and-piston unit connected to said blow-head-support, to produce vertical movement thereof, a cylinder-and-piston unit connected to said blow-head-support to produce swinging movement thereof, supply pipes leading to said two cylinder-and-piston units, means for controlling flow of motive fluid therethrough, and intermediate connections between the two cylinders and controlled by the relative movement of their pistons whereby successive lateral and vertical movements of the blow-head are obtained.

1,620,293. WELDED BEAM. CHARLES SCHENCK, Bethlehem, Pa., assignor to Bethlehem Steel Company. Filed Apr. 27, 1926. Serial No. 104,871. 6 Claims. (Cl. 189—37.)



1. A structural beam comprising two longitudinal members, the opposing faces of each provided with a plurality of longitudinal ribs, an integral, continuous zig-zag web member welded at its bends alternately to the ribs on the longitudinal members and staggered relative to the general direction of the beam.

1,620,294. OIL HOLDER. JOHN LOUIS SCHNEIDER, Charles City, Iowa. Filed July 27, 1925. Serial No. 46,414. 1 Claim. (Cl. 221—23.)



In a dispensing device for jars, the combination with a jar having an externally threaded mouth and provided with a cap having a threaded engagement with said mouth, of a handle formed of twisted wire to provide a closed ring at one end engaging around the threaded wall of the jar cap and a ring at its other end rotatably engaging around the body of the jar, a spout extending from the jar cap, a spring actuated closure for the outlet end of the spout, a bell crank actuator operatively supported upon the handle remote from the closure and a rod connecting the closure and bell crank actuator, whereby pressure upon the bell crank actuator will open the closure.

1,620,295. TICKET CASE. WALTER J. SCHRAMM, Chicago, Ill. Filed Apr. 20, 1921. Serial No. 462,828. 1 Claim. (Cl. 211—38.)

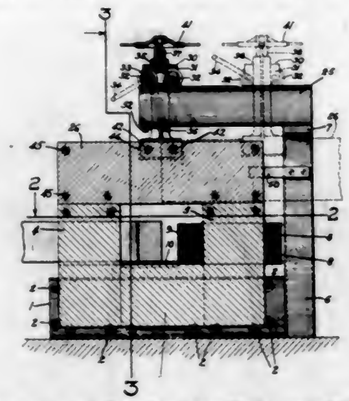
A ticket case including a supporting frame, a plurality of rectangular ticket tubes carried thereby at an angle inclined sufficiently so that a stack of tickets placed in a tube will feed downwardly by gravity without the use of weights or the like, the lower ends of the tubes being provided with bottom flanges to hold the tickets substantially horizontal and with a slot through which the lowermost ticket may be drawn forwardly, and means for holding a designating ticket on the top side of the lower

end inside of each tube by the tickets in the tube whereby the designations are discernible with the tubes mounted closely one above the other, and whereby said designating



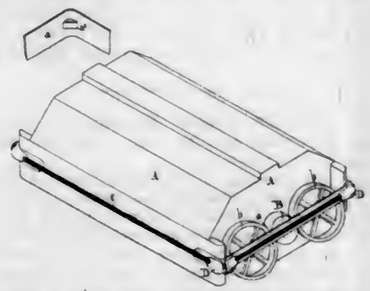
tickets tilt downwardly at the rear end as the stacks decrease sufficiently below the top of the designating ticket to indicate that refilling is required.

1,620,296. ELECTRIC HEATER. JOHN E. SEDERHOLM, St. Paul, Minn., assignor to American Hoist & Derrick Company, a Partnership composed of F. J. Johnson and W. O. Washburn, St. Paul, Minn. Filed July 3, 1926. Serial No. 120,432. 8 Claims. (Cl. 219—47.)



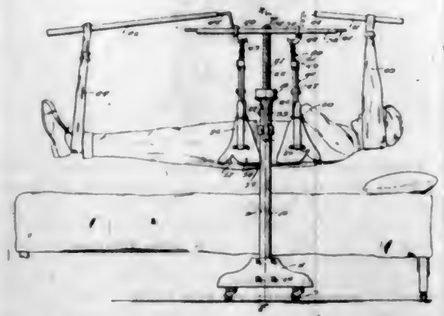
1. A device of the class described, comprising a stationary core, an open frame arranged transversely at one end of said core, a track supported by said frame above the core, a movable core, and means translatably supporting the core upon the track for movement longitudinally of the stationary core and track, through the frame.

1,620,297. CARPET SWEEPER. JAMES LIGHTFOOT SHORROCK, Accrington, England, assignor to Entwisle & Kenyon Limited, Ewbank Works, Accrington, England. Filed June 2, 1925. Serial No. 34,448, and in Great Britain Feb. 18, 1925. 1 Claim. (Cl. 15—45.)



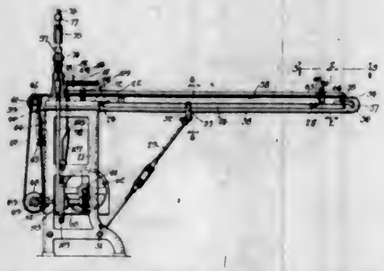
In a carpet sweeper having a case, end irons, and a furniture guard the combination of a corner buffer provided with a longitudinal central bore through which the furniture guard is passed and a transverse groove disposed centrally of its length fitted at each corner and a metal clip within the transverse groove of each buffer and extending around the adjacent end iron substantially as described.

1,620,298. BODY LIFTER AND CARRIER. CHARLES W. SMITH, Banner, Okla. Filed May 6, 1925. Serial No. 28,497. 12 Claims. (Cl. 5—86.)



1. A body lifting device, comprising a base, a standard at one side of the base, a supporting member at the upper end of the standard projecting laterally therefrom in every direction, arms overhanging the base and slidably connected at one end to the said support at one side of the standard and engaging the support at the opposite side of the standard and adjustable laterally towards and from each other and the standard, and suspending means at the free ends of the arms.

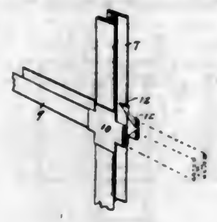
1,620,299. THUMB-HOLE-CUTTING MACHINE. JULIUS A. STOCK, Cicero, Ill., assignor to W. C. Ritchie & Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 15, 1925. Serial No. 2,597. 4 Claims. (Cl. 93—58.)



1. In a thumb-hole cutting appliance of the character described, the combination of a substantially-horizontal conveyor adapted to transport a series of flanged box elements with their flanges projecting upwardly, means to drive said conveyor continuously, means to intermittently arrest the movement of the series of box elements while one of them is being acted upon by the thumb-hole cutting means, and means to cut out thumb-hole sections from the flanges of said elements in succession.

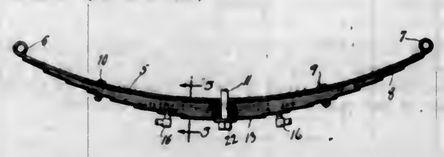
1,620,300. ART-GLASS JOINT. JOHN G. SUSMAN, Indianapolis, Ind. Filed Sept. 7, 1926. Serial No. 133,932. 2 Claims. (Cl. 189—77.)

1. In a corner fastener for window mullions, a substantially rectangular plate slotted from each corner toward the middle of the plate forming a pair of angular ears at each corner, the ears of each corner pair being



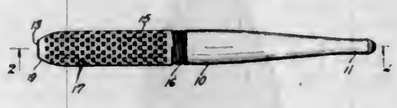
bent on the same side of the plate but in opposite directions from each other to receive the flanges of mullions with a sliding fit.

1,620,301. SELF-LUBRICATING AND INTERNAL-PRESSURE SPRING. CHARLES THIDE, Brooklyn, N. Y. Filed May 11, 1925. Serial No. 29,525. 5 Claims. (Cl. 267—50.)



1. A leaf spring comprising a plurality of superimposed leaves having a central connecting element, each of said leaves, except the top leaf, being slotted longitudinally throughout its length forming a lubricating chamber on each side of the connecting element, the bottom walls of said slots slanting upwardly at the ends of the leaves, and compensating slots in the ends of said leaves.

1,620,302. CIGARETTE HOLDER. PHILO B. TINGLEY, Glen Ridge, N. J. Filed May 26, 1926. Serial No. 111,777. 4 Claims. (Cl. 131—51.)

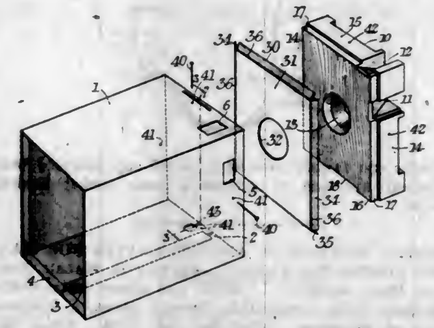


4. In a cigarette holder, a body including a mouth piece at one end and having a recess at the other end to receive the end of a cigarette, and a foraminous guard having threaded engagement with said body, said guard being of a larger diameter than the cigarette so that the walls thereof are spaced from said cigarette and having an outer open end contracted to substantially the size of the cigarette arranged to engage it adjacent its free end to center it in the holder, and said guard having portions of its wall extending inwardly from one side of the openings and inclined over the openings to reduce direct radiation through the openings.

1,620,303. PROCESS FOR PREPARING FEATHERS FOR BEDDING AND THE LIKE. WILLIAM H. UHRIG, St. Louis, Mo. Filed Sept. 8, 1924. Serial No. 736,664. 6 Claims. (Cl. 19—4.)

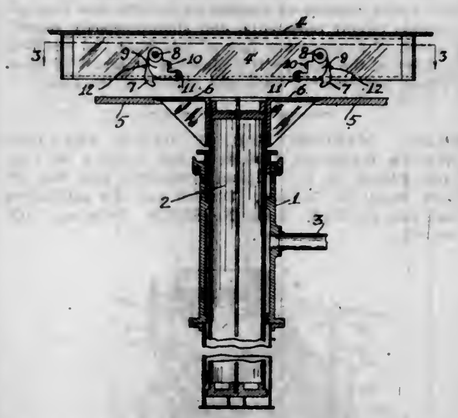
1. The process of preparing feathers for bedding and the like, comprising, treating the feathers so as to render the quills brittle, grinding the feathers so as to detach the barbs from the quills and pulverize the quills and separating the barbs from the quills.

1,620,304. PHOTOGRAPHIC-CAMERA CONSTRUCTION. ERNEST E. UNDERWOOD, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Sept. 24, 1925. Serial No. 58,284. 10 Claims. (Cl. 95—11.)



1. In a camera, the combination with a body tube, of a lens board inserted into the tube, and means for forming a light tight joint between the tube and the lens board including a resilient member adapted to cooperate with the tube and the lens board forming light tight connections therewith.

1,620,305. ELEVATOR. BURTON CHARLES VAN EMON, San Francisco, Calif., assignor to James M. Koford, trustee, Oakland, Calif. Filed Oct. 4, 1926. Serial No. 139,299. 4 Claims. (Cl. 187—1.)

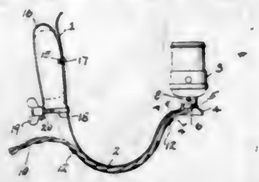


3. In an elevator, the combination of a platform; a ram having a head plate adapted by contact to raise and lower said platform; and means carried by said platform for automatically clamping the head plate upon and during the imposition of the platform's weight thereon, and automatically releasing said head plate when relieved of said weight, said means comprising swinging dogs, and gravity levers actuated by said head plate, for controlling said dogs.

1,620,306. LIGHTING FIXTURE. FREDERICK W. WAKEFIELD, GERALD L. BASIL, and CARL A. SCHROEDER, Vermilion, Ohio, assignors to The F. W. Wakefield Brass Company, Vermilion, Ohio, a Corporation of Ohio. Filed Dec. 6, 1923. Serial No. 679,014. 1 Claim. (Cl. 240—73.)

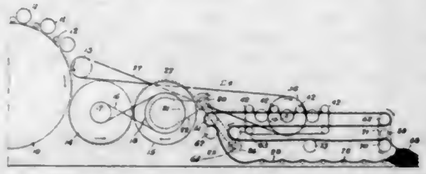
A lighting fixture comprising a single sheet of material formed with an attaching plate at one end and having

an outwardly extending arm bent to form a tubular arm open at the bottom and provided with ears adapted to be bent to hold the wires in said tube, said arm having



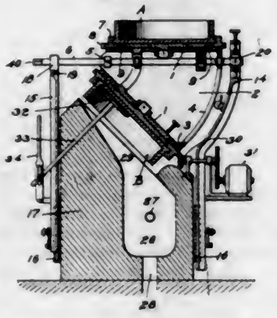
its outer end formed into an inverted cup provided with a central aperture to act as a lamp socket holding member.

1,620,307. METHOD OF AND APPARATUS FOR MAKING COMPOSITE FABRIC. PATRICK H. WALSH, Newton, Mass., assignor, by direct and mesne assignments, to Caro Cloth Corporation, Boston, Mass., a Corporation of Delaware. Filed Jan. 31, 1924. Serial No. 689,714. 8 Claims. (Cl. 28—4.)



1. That improvement in methods of making composite fabric, which consists in feeding an endless base through an endless circuit repeatedly, and simultaneously supplying a web of fleece to one face of said base and needling said fleece to the base until a plurality of layers of fleece have been accumulated upon and needled to the base.

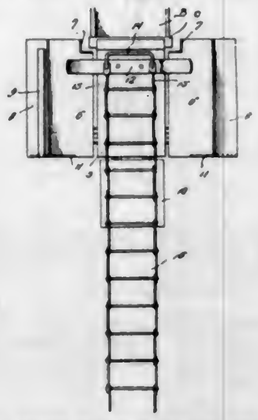
1,620,308. MANUFACTURE OF GLASS ARTICLES. WILLIAM WESTBURY, Canastota, and PATRICK W. COLLINS, Elmira, N. Y. Original application filed May 20, 1924, Serial No. 714,680. Divided and this application filed Jan. 21, 1926. Serial No. 82,879. 5 Claims. (Cl. 49—83.)



1. The method of manufacture of glass articles, which consists in supplying molten glass to a pot, drawing and severing the article therefrom, then reheating and discharging the glass residue, and axially turning the pot during the reheating operation.

1,620,309. FIRE ESCAPE. JOHN W. WETZEL, Allentown, Pa. Filed Apr. 21, 1926. Serial No. 103,535. 2 Claims. (Cl. 228—42.)

1. In a fire escape of the class described, a foldable ladder and a casing therefor, said casing comprising a back wall adapted to be rigidly secured to a part of a building, combined side and front walls hingedly connected to the back wall, a bottom hingedly connected to said back wall, means on the side and front walls for supporting said bottom in casing-forming relation, and a removable cover having a marginal flange adapted to embrace the side and front walls for maintaining all of the walls of the casing in ladder enclosing position.



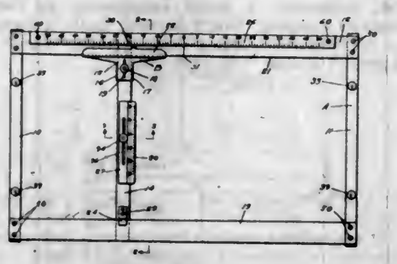
1,620,310. BOWLING PIN. MICHAEL J. WHELAN, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill., a Corporation of Delaware. Filed Mar. 27, 1922. Serial No. 546,965. 13 Claims. (Cl. 273—82.)



2. As a new article of manufacture, a bowling pin having a contact portion normally engageable by a bowling ball, consisting of a plastic compound having pieces of wood thoroughly incorporated therewith substantially all of said pieces being short and straight.

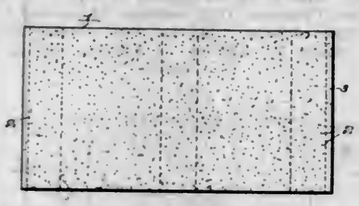
1,620,311. BASE-ATTACHED PLOTTING INSTRUMENT. ALVIN C. WHITE, Austin, Minn. Filed Mar 22, 1923. Serial No. 626,768. 1 Claim. (Cl. 33—80.)

A plotting instrument comprising a pair of spaced parallel vertical frame members, a second pair of spaced horizontal frame members secured to said vertical frame members at right angles thereto to form a rectangle, said horizontal frame members being positioned on and above said vertical frame members, a vertical bar positioned to extend between said horizontal frame members, a rider adjustably secured to said bar adapted to slide along the edge of one of said horizontal frame members and to hold said bar in contact therewith at one end, a clip positioned in the other end of said bar, said clip having a shoulder adapted to ride or engage against the edge of the lower horizontal frame member and a finger extending over and



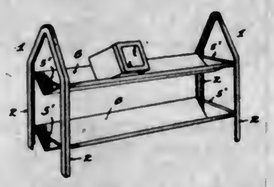
coming in contact with the upper surface of the lower horizontal frame member, a scale detachably secured to one of said horizontal frame members for positioning said bar and a second scale adjustably positioned upon said bar having a groove therein for slidably fitting said bar and means for holding said second scale in adjusted position on said bar.

1,620,312. COMPOSITION OF MATTER ADAPTED TO BE USED FOR BUILDING MATERIAL. HARVEY B. ABBOTT, Glassboro, N. J. Filed Oct. 26, 1925. Serial No. 65,032. 2 Claims. (Cl. 106—24.)



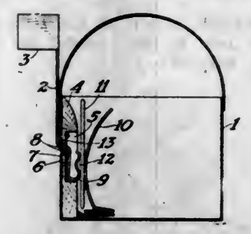
1. The composition of matter for building blocks consisting of proportions by weight of ground soft coal cinders to the quantity of approximately 19 parts, sand to the quantity of approximately 12⅜ parts, cement to the quantity of approximately 8⅛ parts, water to the quantity of approximately 2⅝ parts.

1,620,313. DISPLAY RACK. THEODORE J. ABELE, Peoria, Ill., assignor to Stuber & Kuck Co., Peoria, Ill., a Corporation of Illinois. Filed May 15, 1925. Serial No. 30,462. 2 Claims. (Cl. 211—14.)



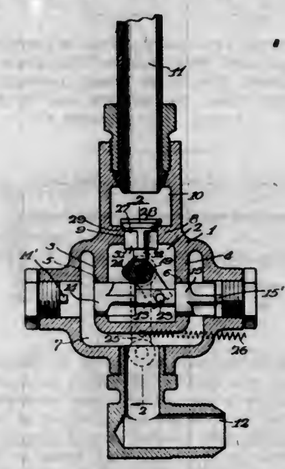
1. A knock-down rack of the character named, including in combination a pair of independent standards forming the supports of the rack, each comprising a substantially U-shaped member of angle iron whose extremities form legs, a bracket extending from the inner surface of one of the limbs of the angle and including an upturned portion spaced from that surface and from the other limb of the angle, and a frame adapted to engage upon the brackets between the upturned portions thereof and said legs snugly fitting between the several limbs of the said legs.

1,620,314. RURAL-MAIL-BOX INDICATOR OR FLAG. IRA D. ALDERMAN, Clinton, N. C. Filed July 19, 1926. Serial No. 123,258. 1 Claim. (Cl. 232—34.)



In a device for indicating the presence or absence of mail matter in a rural mail box, the combination of a plate positioned in said box having provided therein a recess communicating with an aperture therein, said box having an aperture corresponding to said aperture in said plate, a staff rotatably positioned in said recess and extending through said apertures, said staff having at its outer end a suitable flag or marker and at its inner end a cam, springs positioned on the inner side of said plate and acting in conjunction with the said cam to cause the rotation of the said staff, when mail matter is deposited in said box between said springs and the lower end of the signal flag and coincidently forming the means of holding said mail matter within said box.

1,620,315. VALVE. WILLIAM E. BAKER, Cleveland, Ohio, assignor to William Edgar Baker and George Alton Frantz, trustees of The Web Engineering Company, Cleveland, Ohio. Filed Nov. 21, 1925. Serial No. 70,472. 19 Claims. (Cl. 277—26.)

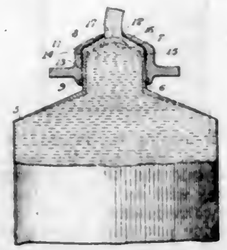


2. In a device of the class described, a valve casing having a chamber therein, said chamber having passages forming an inlet and a double outlet, a substantially balanced valve controlling two of said passages, and an auxiliary valve operated by the first-named valve and controlling the other of said passages.

14. In a device of the class described, a casing having a chamber therein, said chamber being of general rectangular shape, opposite walls of said chamber having aligned apertures therein forming a double outlet from said chamber, an inlet in another of said walls for the

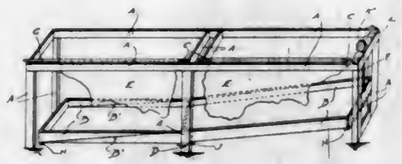
passage of steam into said chamber, a substantially balanced valve controlling the passage of steam through said outlet, a shaft disposed transversely of said chamber, an auxiliary valve disposed in said inlet, means on said shaft to operate both of said valves in unison in one direction, and a spring normally holding said operating means in position wherein both of said valves are closed.

1,620,316. CLOSURE. LOUIS E. BALTZLEY, Glen Ridge, N. J.. Filed June 1, 1926. Serial No. 112,742. 4 Claims. (Cl. 221—60.)



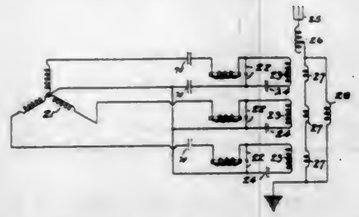
1. In a closure structure, a discharge neck closed in its central portion and open at one side of such central portion, a cap open at the center and closed over the open side portion of the neck, said cap being internally screw threaded and the neck being externally screw threaded to match the threads of the cap, said neck further having a smooth cylindrical portion beyond the screw threads thereon, a seal within the cap above the screw threaded portion therein and engaging over the smooth cylindrical portion of the neck in both the open and closed positions of the cap to prevent material from within the neck reaching said screw threads.

1,620,317. MEANS FOR AGITATING WASHING, LIMING, OR TANNING SOLUTIONS. BENJAMIN RALPH BAXTER, Goulburn, New South Wales, Australia. Filed Sept. 24, 1923, Serial No. 664,613, and in Australia Oct. 6, 1922. 1 Claim. (Cl. 259—101.)



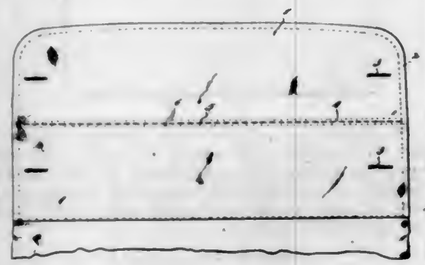
Means for agitating washing, liming or tanning solutions in tanning pits constructed with a horizontal floor surface, comprising a supporting frame arranged to be placed in the bottom of a pit and provided at its upper side with removable hide hanging bars, a rocking member positioned midway in the supporting frame at the base thereof, having a centrally arranged pivot axis and adapted to rock on the floor of the pit and make actual contact therewith, the opposite end portions of said rocking frame being at an angle to each other, said rocking member having a bottom composed of spaced grate bars, the opposite end portions of the bottom being also at an angle to each other so that when one is in horizontal position the other is upwardly inclined, and the said pivot axis of said member being slightly below the angle between the end portions of the bottom so that at each movement of said member one bottom portion thereof contacts with the pit bottom in reaching a horizontal position and said end portions agitate and displace the sediment and lime with a surging wave effect alternately in opposite directions and in the same plane.

1,620,318. HIGH-FREQUENCY ARC CONVERTER. RALPH R. BEAL and HAROLD F. ELLIOTT, Palo Alto, Calif., assignors, by mesne assignments, to Federal Telegraph Company, San Francisco, Calif., a Corporation of California. Filed Jan. 9, 1922. Serial No. 528,070. 7 Claims. (Cl. 250—36.)



7. In an oscillation generator, a source of polyphase alternating current, a plurality of high frequency generator elements energized from said source by currents differing in phase, an oscillation circuit, means whereby all of the generator elements supply the oscillation circuit, and additional means for synchronizing the oscillations of the generators.

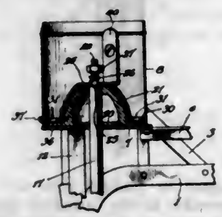
1,620,319. REENFORCED SHIRT CUFF. GUY IRVING BENNETT, Columbus, Ohio, assignor of one-half to William Clyde Frieze, Columbus, Ohio. Filed July 17, 1926. Serial No. 123,164. 3 Claims. (Cl. 2—123.)



3. A shirt cuff comprising the usual plies of material and having the usual fold, a line of relatively long stitches extending through the plies along said fold, the stitches being exposed for the greater portion of their length at the exterior of the fold, and other lines of relatively short stitches at opposite sides of the first mentioned line of stitching and parallel thereto.

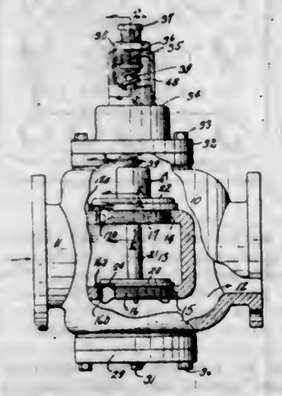
1,620,320. FERTILIZER DISTRIBUTOR. GEORGE LANSDEN BILBREY, Hermitage Springs, Tenn., assignor of one-half to J. B. Freeman, Lafayette, Tenn., and one-fourth to James R. Vaughn, Red Boiling Springs, Tenn. Filed June 3, 1925. Serial No. 34,717. 2 Claims. (Cl. 221—120.)

1. A fertilizer distributor comprising a hopper, a hub member rising centrally within the hopper, a vertically disposed shaft rotatably fitted in said hub member, means carried by the under side of the hopper to rotate said shaft, a stirrer carried by said shaft and extending over and conforming to the hub member, a distributor ring fitted in the hopper between said hub member and the wall of the hopper and engageable by said stirrer whereby to rotate therewith, said distributor ring being provided with arcuate slots whereby to feed fertilizer to discharge



openings in the bottom of the hopper, and a governor ring fitted on the bottom of the hopper under the distributing ring and between the hub member and the wall of the hopper and shiftable to permit or prevent the entrance of fertilizer into said discharge openings.

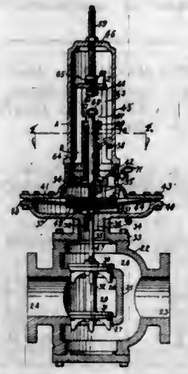
1,620,321. AUTOMATIC RELIEF VALVE. LYLE W. BROWNE, Marshalltown, Iowa, assignor to The Fisher Governor Company, Marshalltown, Iowa. Filed Oct. 26, 1925. Serial No. 64,807. 4 Claims. (Cl. 137—53.)



3. A valve structure comprising a casing, a valve therein, a connecting means comprising a stem on said valve, a valve stem plunger having a groove, a plural part ring in said groove, a shouldered sleeve covering said ring, the shoulder of the sleeve being adjacent the ring and the end of the sleeve engaging the valve stem, a retainer covering said sleeve and adapted to engage the valve stem and maintain the sleeve in engagement therewith whereby slight movement of the valve stem plunger relative to the valve stem is accomplished, a cup covering but spaced from said connecting means, a spring for closing said valve, said spring coacting with said cap.

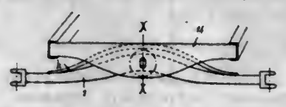
1,620,322. PRESSURE AND VACUUM CONTROL VALVE. LYLE W. BROWNE, Marshalltown, Iowa, assignor to The Fisher Governor Company, Marshalltown, Iowa. Filed Nov. 5, 1926. Serial No. 146,418. 2 Claims. (Cl. 137—153.)

1. In a pressure and vacuum control valve, a valve casing, a partition therein, dividing the casing into inlet and outlet compartments, having a valve port and seat, a valve for cooperating with said seat, a casing having therein a pressure sensitive member connected with the valve and subject on one side to the pressure in one compartment of the valve casing, a spring operatively connected with the pressure sensitive member, and adjustable means for causing the spring to push or pull on such



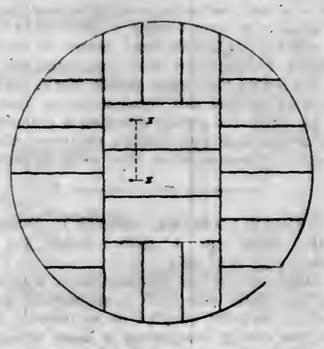
member, according to its adjustment for resisting pressure or suction from the valve casing on said pressure sensitive member.

1,620,323. ELASTIC AXLE FOR MOTOR VEHICLES. ETTORE BUGATTI, Molsheim, France. Original application filed Oct. 5, 1923, Serial No. 666,768, and in France Oct. 13, 1922. Divided and this application filed June 1, 1925. Serial No. 34,244. 3 Claims. (Cl. 280—112.)



1. The combination of an axle for motor vehicles, a cross-piece of the vehicle frame situated at the level of the axle and having the form of an inverted U throughout its whole length and surrounding for a considerable length the axle disposed in the said cross piece, the axle being mounted without play and with easy friction in the interior of the cross-piece.

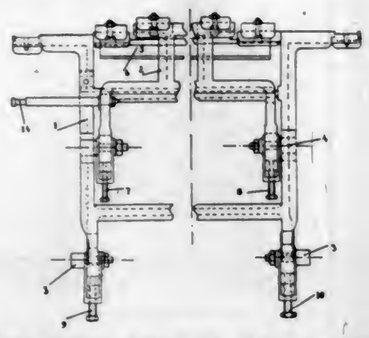
1,620,324. WELDED STRUCTURE AND PROCESS OF MAKING SAME. GLENN OWEN CARTER, New Rochelle, N. Y., assignor to The Linde Air Products Company, a Corporation of Ohio. Filed Apr. 28, 1924. Serial No. 709,690. 3 Claims. (Cl. 113—112.)



1. Process of forming built-up structures comprising steel plates or shapes, consisting in uniting contiguous edges of the same by means of a substantial quantity

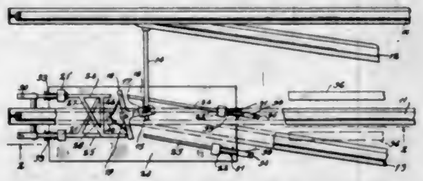
of non-ferrous metal having a lower melting point and higher plasticity than steel, said non-ferrous metal being rapidly fused into place by application of a high-temperature source of heat, whereby distorting stresses in the structure are avoided or minimized.

1,620,325. COMBING MACHINE. JEAN JOSEPH GUSTAVE GODFROID CORMAN, Verviers, Belgium. Filed Aug. 20, 1924, Serial No. 734,349, and in Belgium Sept. 1, 1923. 1 Claim. (Cl. 19—120.)



1. In a combing machine, two frames, a stationary top comb carried by each frame, in such a manner that the spacing between the two top combs may be regulated according to the nature of the material to be combed, the said combs working in parallel planes, and in the same direction and simultaneously, and regulating means provided on each comb frame.

1,620,326. RAILROAD-SWITCH-OPERATING DEVICE. JOZEPH CZERNIAK and CASIMIR CZERNIAK, South Chicago, Ill. Filed Nov. 12, 1926. Serial No. 147,970. 4 Claims. (Cl. 246—278.)



1. In a railroad switch operating device, bell crank-levers having upper arms with bevelled edges fulcrumed to the side of a rail, normally projecting into the path of operating shoes on a train having bevelled edges to engage the bevel edges of said bell-crank levers to depress the upper arms, a rock-lever, a draw rod connected to said rock-lever to operate the switch points, means operated by the other arms of said bell crank-levers to operate said rock-lever to throw the switch allowing a transfer of the train to a siding, and a means for returning the switch into its normally open position after each operation.

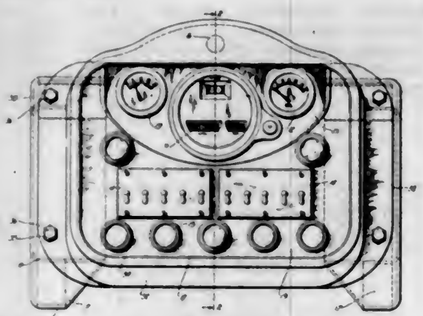
1,620,327. CIGAR LIGHTER. OLIVER C. DENNIS, Wilmette, Ill. Filed Apr. 7, 1926. Serial No. 100,219. 6 Claims. (Cl. 219—32.)

1. In a cigar lighter, the combination of a tubular casing having one of its ends open, a supporting member of non-conducting material adapted to be inserted into and secured in the casing, comprising a head fitting in the open end of the casing, and a reduced shank, a resistance element mounted on the outer end of the head, rivets extending through the shank and to which the terminals of the resistance element are respectively connected, flexible conductors extending through and into the casing, one switch mounted on the shank, connected to the other con-



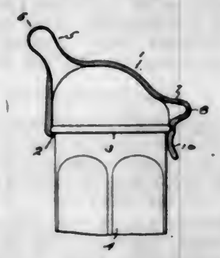
ductor and adapted to contact with one of the rivets, and a button movable in the casing to shift the strip to close the circuit through the resistance element.

1,620,328. INSTRUMENT PANEL. THOMAS C. DINOMAN, Cleveland, Ohio, assignor to The White Motor Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 27, 1926. Serial No. 112,047. 4 Claims. (Cl. 240—8,16.)



2. In an instrument panel of the class described, an instrument supporting member comprising a plate apertured to receive indicating instruments, brackets for supporting the plate and means for securing the plate to said brackets and spacing it therefrom, said plate having a depressed surface in one portion obliquely disposed and rearwardly inclined to the face of the plate, an instrument having an indicating face supported within the said depressed surface, an electric lamp in juxta-position with said instrument, a housing encasing the sides of said plate and a forwardly disposed extension of one of the walls of the housing encasing the said electric lamp.

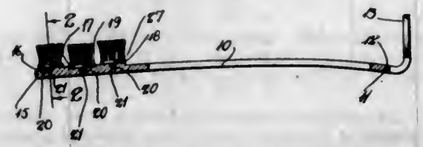
1,620,329. NIPPLE FOR NURSING BOTTLES. GEORGE H. DONALDSON, West Hartford, Conn. Filed July 6, 1926. Serial No. 120,577. 1 Claim. (Cl. 128—252.)



A nipple formed of elastic material and adapted to be applied to the neck of a wide mouth bottle, which nipple comprises a cap-shaped body portion, a perforated feeding

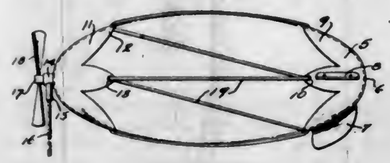
teat extending obliquely with relation to the axis of the cap from the closed top near one edge of the body portion, a protuberance with a perforation in its end extending at right angles with relation to the axis of the cap from the body portion near the rim at the open end on the side opposite from the feeding teat, and means extending from the edge of the body portion near the protuberance for facilitating the application to and removal from a bottle of the nipple.

1,620,330. TOOTHBRUSH. SAMUEL E. DOUGLASS, Raleigh, N. C. Filed Feb. 24, 1926. Serial No. 90,340. 1 Claim. (Cl. 15—147.)



A tooth brush having a head with a recess on the bristle side thereof, the said head having a plurality of threaded seats, anchoring members threaded therein, brush sections rotatable on the anchoring members, each of said brush sections comprising superimposed plates connected together, the outer of said plates being apertured, and bristle holding sockets in the said apertures.

1,620,331. TOY-BALLOON FRAME. EDWARD S. EICHENLAUB, North Fairfield, Ohio. Filed Dec. 20, 1923, Serial No. 681,767. Renewed June 30, 1926. 1 Claim. (Cl. 46—37.)



A balloon frame comprising concaved end members one of which is provided with outstanding fins, blades rotatably mounted upon the other member and a lace flexibly connecting the end members together.

1,620,332. PROCESS OF TREATING LIQUIDS. WILSON EVANS, Chicago, Ill., assignor to Aluminate Sales Corporation, Chicago, Ill., a Corporation of Illinois. Filed May 29, 1925. Serial No. 33,654. 9 Claims. (Cl. 210—23.)

1. The process of treating liquids which consists in mixing in solution lime, soda ash and sodium aluminate and then mixing the resultant product with the liquid to be treated and then separating the resultant precipitates from the liquid.

1,620,333. PROCESS OF TREATING LIQUIDS. WILSON EVANS, Chicago, Ill., assignor to Aluminate Sales Corporation, Chicago, Ill., a Corporation of Illinois. Filed May 29, 1925. Serial No. 33,655. 7 Claims. (Cl. 210—23.)

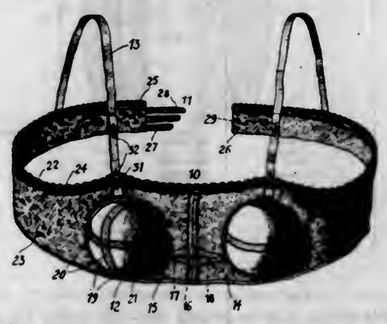
1. The process of treating liquids which consists in mixing in solution lime, soda ash, mixing the resultant product with the liquid to be treated, and then adding sodium aluminate and separating the resultant precipitates from the liquid.

1,620,334. MULTIBAR BUMPER. ROLLIE B. FAGEOL, Los Angeles, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed June 10, 1925. Serial No. 36,097. 4 Claims. (Cl. 293—55.)



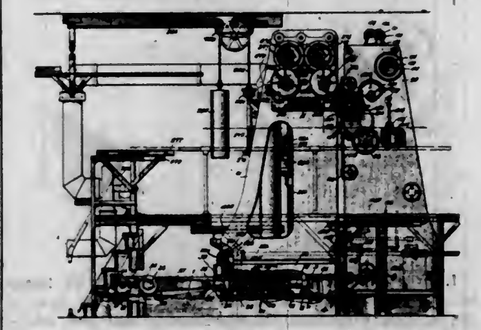
1. An automobile bumper comprising a pair of parallel impact bars formed of flat strip material and arranged in a common vertical plane transversely of an automobile, the ends of said impact bars being free and being twisted to lie in parallel horizontal planes, means spacing covering and connecting said ends, and resilient supporting means for said bumper.

1,620,335. BUST SUPPORTER. LOUIS FARKAS, New York, N. Y. Filed Mar. 26, 1925. Serial No. 18,624. 2 Claims. (Cl. 2—42.)



1. A bust supporter comprising a belt like body having breast pockets, each having crossed reinforcing strips, said body being further reinforced between the breast pockets by an inverted cross-like thickened portion, the horizontal portion of the reinforce being wider toward the center to stiffen the structure at that point.

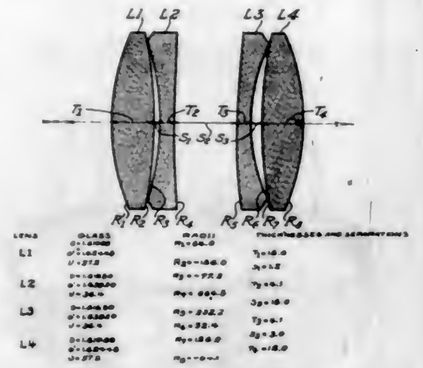
1,620,336. STEP AND REPEAT MACHINE. OSCAR FOURNIER, Symmes Township, Hamilton County, Ohio, assignor to The United States Playing Card Company, Norwood, Ohio, a Corporation of Ohio. Filed Sept. 2, 1924. Serial No. 735,277. 54 Claims. (Cl. 95—73.)



1. In a centering device in combination with means for supporting a negative, a frame supporting on its opposite faces in parallelism respectively translucent plates and n

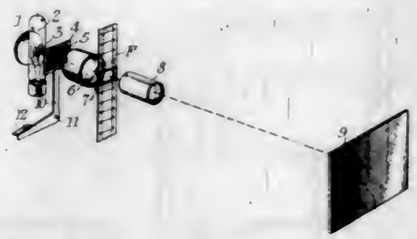
sensitized plate, said frame symmetrically rotatable for alternately opposing said plates to the negative, means for positionally adjusting the negative relative to the plates, mechanism for translating the negative supporting means from a given point toward and away from the frame in predetermined degree, means for connecting and disconnecting the negative supporting means respectively with and from the translating mechanism at the predetermined point, and mechanism for timing periods of movement of said translating mechanism in reverse directions and between movement periods.

1,620,337. OBJECTIVE. CHARLES W. FREDERICK and FRED E. ALTMAN, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Jan. 17, 1923. Serial No. 613,270. 9 Claims. (Cl. 88—57.)



1. An objective comprising four air-spaced lenses, the outer ones being similar and positive and the inner ones being negative, one of the negative lenses being biconcave and the other being of meniscus form and each of the surfaces having a radius of curvature greater than .5 of the focal length of the objective.

1,620,338. PROJECTION SYSTEM. CHARLES W. FREDERICK, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Aug. 4, 1925. Serial No. 48,160. 5 Claims. (Cl. 88—24.)



1. In a projecting system, a gate whereat an image bearing element may be positioned, a source of light of the straight band type, for illuminating said gate, and a heat absorbing screen positioned between the source of light and the gate and comprising a metallic net work, the strands of which are inclined with respect to the straight band formation of the light source.

1,620,339. PROJECTION OBJECTIVE. CHARLES W. FREDERICK and DONALD L. WOOD, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed May 20, 1926. Serial No. 110,533. 6 Claims. (Cl. 88—57.)



Lens	Radii	Thickness & Separation	D Line	V
L^1	R^1 · 825 R^2 · 692	T^1 · 94	1.523	590
L^2	R^3 · 6019 R^4 · 407	T^2 · 38	1.617	364
		S · 967		
L^3	R · 2207	T^3 · 80	1.523	590

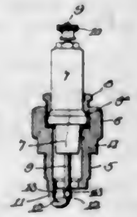
1. An objective comprising a positive front component consisting of a positive lens of crown glass and a negative lens of flint glass cemented together and a rear component consisting of a positive meniscus lens of crown glass with the convex surface facing the front component.

1,620,340. PILE TEXTILE FABRIC. SARAH FREUDENBERG, Brooklyn, N. Y. Filed Oct. 22, 1925. Serial No. 64,176. 3 Claims. (Cl. 139—391.)



1. In the process of making a hair fabric, the steps which comprise securing individual hairs to an extended strand by twining the ends of the respective hairs remote from their points around the component threads of said strand, leaving the points free, and then incorporating said strand with a backing of fabricated material with said hairs extended therefrom in closely associated relation to constitute a pile fabric.

1,620,341. SPARK PLUG. GEORGE W. GARDNER, Flint, Mich. Filed Feb. 1, 1926. Serial No. 85,177. 1 Claim. (Cl. 123—169.)



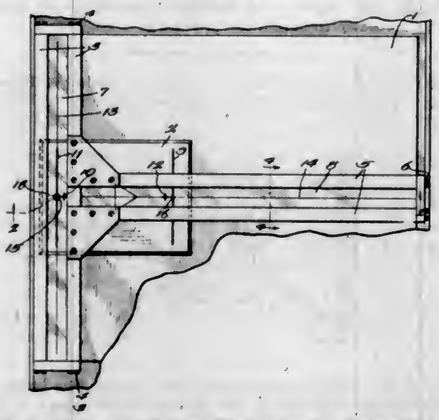
In a spark plug, the combination with a plug having means to secure it to a cylinder of an engine, of primary

and secondary electrodes mounted thereon and having one of their ends in juxtaposition and substantial alignment with each other, each of said adjacent ends of said electrodes having a pair of divergent prongs having their portions adjacent their tips reduced.

1,620,342. COMPOSITION FOR TREATING INNER TUBES. ALONZO L. GIBBS and JOSEPH A. GILL, Tulsa, Okla. Filed Apr. 23, 1925. Serial No. 25,426. 2 Claims. (Cl. 134—175.)

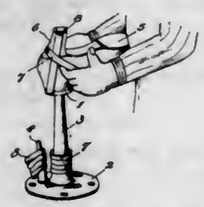
1. A composition for treating inner tubes comprising ground mica, shredded cork, non-frictional graphite, fine sodium of chloride, wood fibre, ground slippery elm bark, and aqua ammonia.

1,620,343. METHOD OF AND APPARATUS FOR MARKING OBJECTS. HORACE W. HACKER, Chicago, Ill. Filed May 9, 1923. Serial No. 637,679. 12 Claims. (Cl. 77—62.)



1. An implement for marking objects including a bed for supporting an object to be marked, a marking element in fixed relation to the bed, a pair of sighting indices at a distance from each other located over and spaced from the upper face of the bed, said upper face having an unobstructed portion permitting an object to be shifted superficially thereon while disposed beneath both of said indices, whereby said object may be positioned with the sighting indices in visible register respectively and simultaneously with correspondingly spaced apart indices on the object, thereby to position said object in predetermined relation to the marking element.

1,620,344. METHOD OF APPLYING HEELS TO SHOES. CHARLES N. HAHN, Binghamton, N. Y. Filed Mar. 17, 1926. Serial No. 95,379. 1 Claim. (Cl. 12—147.)



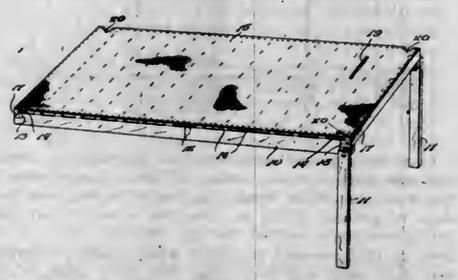
The method of binding a shoe heel to a shoe, during the drying of the uniting adhesive, which comprises stretching an elastic band of substantial width about the heel and a last within the shoe to extend over the tread of the heel and over the end of the cone of the last and along the sides of the shoe counter, and stretching a second band of substantial width to the shoe to extend about the rear side of the heel and the front portion of the upper and diagonally along the sides of the upper in intersecting relation to the first mentioned band at the heel seat of the shoe, and permitting the bands to contract and exert such a binding force that the heel will be held against accidental displacement until the adhesive has set.

1,620,345. FOUNTAIN PEN. CHARLES A. HAIST, Fresno, Calif. Filed May 20, 1926. Serial No. 110,420. 2 Claims. (Cl. 120—47.)



1. A fountain pen having a hollow barrel and a pen point carried at one end thereof and in communication with the interior of the barrel, a plunger mounted in the barrel, actuating means for the plunger comprising an interiorly threaded sleeve connected with the plunger and a screw engaging and telescoping said sleeve, a plug in the barrel at the remote end from the pen and supporting one end of the screw, and means for actuating the screw, said means comprising a key permanently mounted on the screw and axially movable thereof to lock it against angular movement with respect to the screw or to free it from such movement.

1,620,346. AUTOMOBILE BED. OSWALD CHARLES HARPER, Saskatoon, Saskatchewan, Canada. Filed Feb. 14, 1925. Serial No. 9,174. 1 Claim. (Cl. 5—118.)



An automobile bed including side rails having notches in their ends, a fabric strip, cross slats extending transversely beneath said strip and secured against the under face of the strip in spaced relation to each other and resting at their ends upon the upper edge faces of said

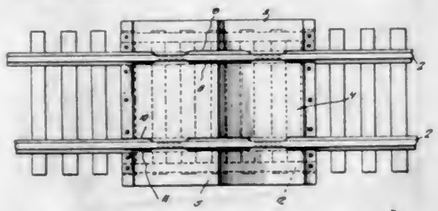
side rails, end bars secured to the ends of the fabric strip transversely thereof and at their ends resting in the notches of the side rails, said bars having their outer strip engaging portions extending above the side rails and their inner portions flush with the upper edges of the side rails, and fasteners carried by said side rails and movable into position to overlie the inner portions of the end bars and releasably secure the end bars, the corner portions of said fabric strip being recessed above the fasteners to permit access to the fasteners.

1,620,347. OIL-WELL PUMP. JEPSON M. HAWKINS and SYLVESTER LOSEY, Covington, Okla. Filed Oct. 27, 1923. Serial No. 671,245. 2 Claims. (Cl. 103—179.)



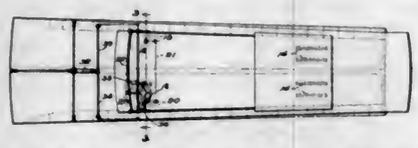
1. The combination with a pump of a standing valve for the same, a gas dissipating attachment connected to said pump below the standing valve and comprising an elongated barrel, a tapered nipple connecting the upper end of said barrel to said pump below said standing valve, the lower end of said elongated barrel being reduced, and automatically operable valve means arranged in said reduced portion of the elongated barrel and controlling the inlet thereof.

1,620,348. CATTLE GUARD. PETE HEARNTON, Hulbert, Ark. Filed Jan. 28, 1926. Serial No. 84,362. 3 Claims. (Cl. 256—14.)



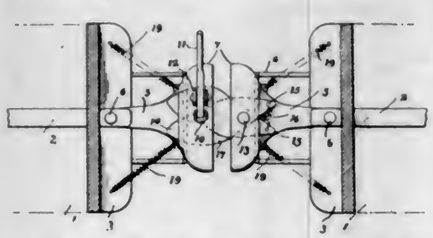
1. A cattle guard comprising an intermediate section and side sections, each section of obtuse angle form in the direction of its length and each having end portions of reduced width to clear the bases of rails and the intermediate section having the side edges of its apex portion recessed to afford wheel flange clearances and each side section having the inner edge of its apex portion recessed for the same purpose, the apices of the sections being arranged substantially flush with the treads of railway rails, transverse members extending below railway rails and to which the intermediate and side sections are connected, and body bars arranged under the side sections and superposed on and connected to sleepers or ties below said side sections and having end portions interposed between the ends of the side sections and the said transverse members.

1,620,349. BOAT. WILLIAM ALBERT HICKMAN, West Mystic, Conn. Filed Jan. 10, 1923. Serial No. 611,888. 20 Claims. (Cl. 114—66.5.)



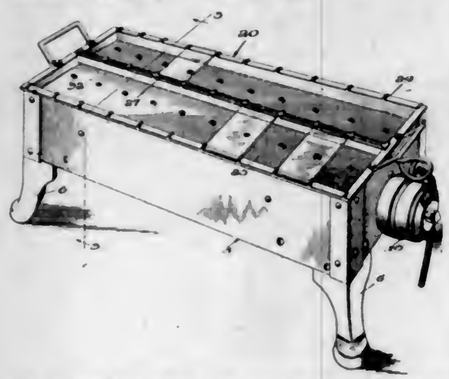
1. A boat having sides and a bottom, said bottom presenting an inverted V section adjacent the longitudinal center line thereof and bottom surfaces adjacent the sides of said V section sloping upwardly and outwardly at angles such that on lateral movement of the boat through the water a substantial component of force in an upward direction is produced.

1,620,350. CAR COUPLING. LEWIS W. HIGGINS, Bulan, Ky. Filed July 21, 1926. Serial No. 124,038. 3 Claims. (Cl. 213—180.)



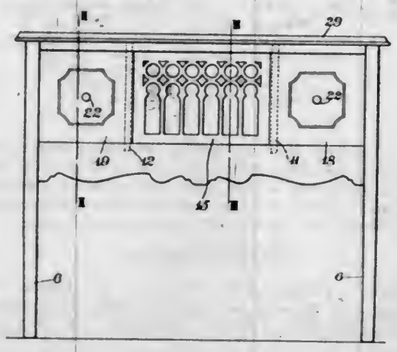
1. A car coupling comprising a pair of coupling heads, a coupling pin mounted in one of said heads, a pair of cooperating grippers pivoted within the other coupling head and extending therefrom to project into the first described coupling head and engage the coupling pin therein, and a contractile spring connecting the opposite ends of the grippers.

1,620,351. MICROSCOPIC-SLIDE STAINING AND DRYING APPARATUS. FRANK HNILO and JOHN SCHULTZ, Cicero, Ill. Filed Oct. 30, 1925. Serial No. 65,901. 14 Claims. (Cl. 34—21.)



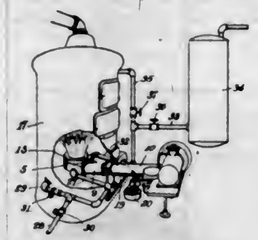
10. A slide staining and drying apparatus comprising a body having a slotted bottom and a lining, said lining terminating below the upper edge of said body to define a ledge, a partition mounted on said ledge and having a plurality of spaced heat passages, the walls of which are extended upwardly, the edge portions of said partitions being extended upwardly to cooperate wtih the upwardly directed walls of said heat passages in defining a shallow receiver for drops which fall from objects above.

1,620,352. RADIOTABLE. MINARD HOLTEMAN, Bexley, Ohio. Filed June 11, 1925. Serial No. 36,360. 3 Claims. (Cl. 45—52.)



1. An article of furniture having parallel grooves for the reception and retention of a sliding door, a portion of one of said grooves being deeper than the rest of the groove to admit the initial insertion of the door and means added to said deeper portion after the insertion of the door to prevent the removal of the door from the grooves at said deeper portion, said doors being slidable beyond said added means to open and close an opening in the article of furniture.

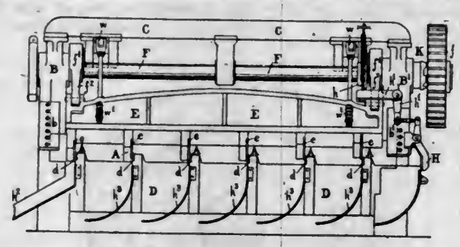
1,620,353. FIREPOT. JOHN R. JOHNSON, Greenwich, Conn. Filed May 22, 1925. Serial No. 32,054. 2 Claims. (Cl. 122—20.)



1. The combination with a burner, of a fire pot positioned to receive the discharge of said burner, a cooling jacket surrounding the bowl of such fire pot, a boiler heated from said fire pot, means for circulating fluid from the boiler through the cooling jacket of the fire pot and back into the boiler, a hot water storage system connected with the cooling jacket and means for selectively controlling connection of the jacket with the boiler and with the hot water storage system.

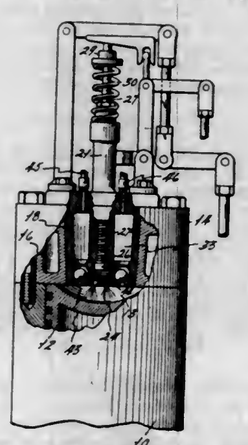
1,620,354. MACHINE FOR SHEARING METAL BARS. EDWARD PETER JONES, Ellesmere Port, and ARTHUR HENRY JACKSON, Manchester, England. Filed June 26, 1925, Serial No. 39,826, and in Great Britain Sept. 3, 1924. 12 Claims. (Cl. 164—47.)

1. Apparatus for shearing metal bars into short lengths constructed with a plurality of shearing cutting heads the blades of which are disposed transversely to the longitudinal axis of the machine, a stationary cross bed upon which all the lower blades are set to the same level to receive a long bar, a reciprocating cross-head to which the upper cutting blades are affixed, each blade in



succession a greater distance from the corresponding lower blade to cut a long bar into a plurality of short lengths by successive cuts at a single stroke of the machine.

1,620,355. VALVE FOR ENGINES AND MOTORS. JOHN U. JONES, Dallas, Tex. Filed June 24, 1925. Serial No. 39,395. 12 Claims. (Cl. 123—33.)

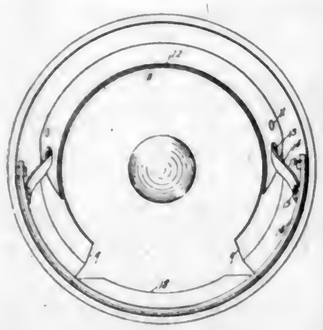


1. In an engine valve mechanism, the combination with a cylinder having an exhaust port, and a piston working in said cylinder, of a valve device operative on the suction stroke of the piston for admitting a fuel charge to the cylinder, said valve device being provided with a fluid storage chamber and means governing the flow of fluid back and forth between said storage chamber and the cylinder, said means coacting with the piston, in the movements of the latter, for establishing communication between the storage chamber and cylinder and supplying fluid independent of the fuel charge to the cylinder on the suction stroke of the piston, for maintaining communication between the storage chamber and cylinder during a portion of the compression stroke of the piston for storing up such fluid under piston pressure in said chamber and then closing communication between the chamber and cylinder, and for releasing said pressure on the working stroke of the piston and when the exhaust port is open to blow out the gases remaining in the cylinder.

1,620,356. AUTOMOBILE HEADLIGHT. WILLIAM E. JORY, Martinez, Calif. Filed Feb. 24, 1926. Serial No. 90,260. 1 Claim. (Cl. 240—45.)

The combination with an automobile headlight having a casing, a reflector and a source of illumination within the reflector, of a circular shell adapted for attachment to the front part and to serve as an extension of the

casing, a lens carried by the shell, a shield in said shell the inner end of which shield is contiguous with the forward edge of the reflector, said shield being reduced towards its forward end to obstruct certain light rays directed from the reflector, a similarly shaped shield pivoted on the first named shield, a pendulum pivoted



within the shell and arranged to swing rearwardly on tilting forward of the forward end of the headlight and a link pivotally connected with the pendulum and second named shield providing for the swinging of the shield forward and downward on rearward movement of the pendulum.

1,620,357. AUTOMOBILE BUMPER. MAX JUBLONSKY, San Francisco, Calif. Filed May 22, 1926. Serial No. 110,914. 13 Claims. (Cl. 293—55.)



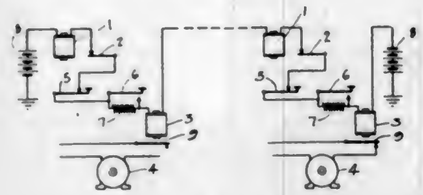
1. An automobile bumper having an impact member extending to the tip of the bumper, a support member, and means interconnecting the impact and support members for causing the impact member to move in the direction of the tip in resisting impacts.

1,620,358. CARPET SWEEPER. WILLIAM HENRY KENYON, Accrington, England, assignor to Entwisle & Kenyon Limited, Accrington, England. Filed Oct. 22, 1923, Serial No. 670,039, and in Great Britain Nov. 7, 1922. 1 Claim. (Cl. 15—48.)



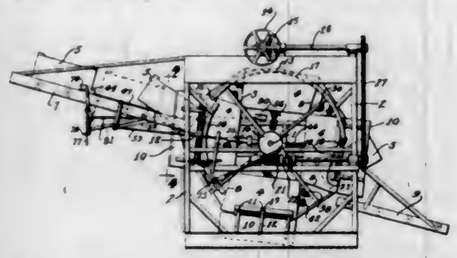
In a carpet sweeper having a case and a horizontal cylindrical brush, a clearer positioned above said brush and provided with blades to engage the periphery of the brush, said blades extending downwardly from the centre of a strip of metal and set at an inclination to the longitudinal axis thereof whereby one edge of each blade will contact with a specific part of the brush periphery when rotating in one direction and the other edge with a different part of the brush periphery when rotating in the reverse direction.

1,620,359. MOTOR-CONTROL SYSTEM. EDWARD E. KLEINSCHMIDT, Long Island City, N. Y., assignor to Morkrum-Kleinschmidt Corporation, Chicago, Ill., a Corporation of Delaware. Filed May 21, 1923. Serial No. 640,630. 9 Claims. (Cl. 178—2.)



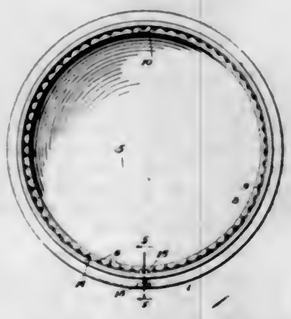
1. A printing telegraph system comprising transmitting apparatus, receiving apparatus controlled by said transmitting apparatus, a motor for said receiving apparatus, a marginal relay controlling said motor and controlled by said transmitter, and control means for said relay.

1,620,360. STERILIZER. THOMAS R. KRAGEN and THOMAS A. EBRETT, Los Angeles, Calif. Filed July 30, 1924. Serial No. 729,015. 18 Claims. (Cl. 167—3.)



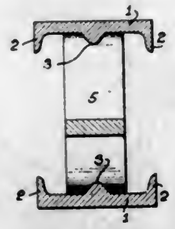
1. A sterilizer comprising a sterilizing receptacle, means for moving said receptacle from a point of supply to a point of discharge, and means for engaging the receptacle so that it is opened by its movement relative to the engaging means as it alines with the point of discharge.

1,620,361. BIRDCAGE. ANTON M. KROCZEK, Chicago, Ill. Filed Sept. 11, 1926. Serial No. 134,793. 3 Claims. (Cl. 119—17.)



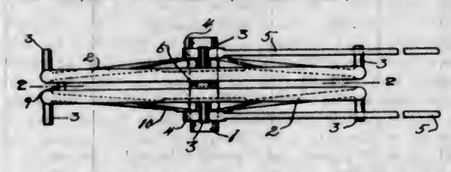
1. A bird cage, comprising a separable cage body and a base, said cage body having a band at its lower extremity, said base being of integral construction and formed with a top providing a floor for the cage, a hollow rim formed on the base, a shoulder between the rim and the top of the base upon which the band is adapted to be seated, and a plurality of catches for engaging the band of the cage body to retain the cage body on the base, said catches having appreciable portions thereof retained and wholly concealed within the hollow rim, and lying below said rim at their points of engagement with the band of the cage body.

1,620,362. GIRDER. MAURICE LACHMAN and LAURENCE S. LACHMAN, New York, N. Y., assignors to Universal Electric Welding Company, a Corporation of New York. Filed June 27, 1924. Serial No. 722,635. 4 Claims. (Cl. 189—37.)



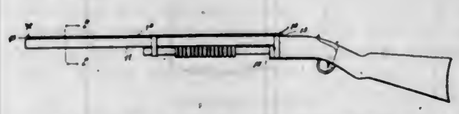
1. In a metallic structural element, the combination of outside members having inner opposed flat surfaces with longitudinal ribs protruding therefrom and toward each other and a middle member disposed between planes of the side edges of the outside members and having angular portions disposed transversely of the ribs and welded thereto at the angles so that said angular portions rest flush against said surfaces.

1,620,363. POWER WHEEL. ARTHUR J. LARKIN, Council Bluffs, Iowa, assignor of one-third to Joseph J. Dodds, Omaha, Nebr. Filed June 22, 1926. Serial No. 117,844. 3 Claims. (Cl. 254—164.)



1. A device of the class described comprising an axle, spaced wheels fixed thereto, a flexible member having an intermediate portion fixed to the axle between the wheels to effect a double winding of the member on the axle when rotated, means for rotating the wheels and axle, an arm pivotally engaged with one of the wheels and normally bridging the space therebetween, and means for maintaining the arm in such position.

1,620,364. GUN SIGHT. CHARLES H. LATOURELL, Heppner, Oreg. Filed July 22, 1924. Serial No. 727,508. 1 Claim. (Cl. 33—52.)

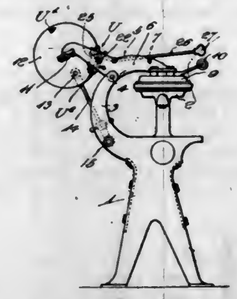


A sight aiding attachment and glare shield for firearms comprising a flat strip consisting of a strand of metal bent back and forth upon itself and having its bends closely related, said strip being flexible and extensible for the purpose stated, and the terminals of said strip provided with means adapted to removably engage securing means on the top side of a gun.

1,620,365. PROCESS FOR THE EVOLUTION OF HYDROCYANIC ACID. HANS LEHRECKE, Frankfort-on-the-Main, Germany, assignor to The Roessler & Hasslacher Chemical Company, New York, N. Y., a Corporation of New York. Filed Oct. 20, 1925, Serial No. 63,790, and in Germany Nov. 6, 1924. 6 Claims. (Cl. 23—151.)

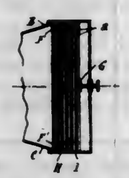
1. Process for the evolution of HCN which consists in exposing an addition product of zinc chloride and HCN to moisture.

1,620,366. GARMENT PRESS. FREDERICK W. LINDEMANN, St. Paul, Minn. Filed Jan. 28, 1926. Serial No. 84,395. 4 Claims. (Cl. 68—9.)



1. In a garment press, the combination with a movable pressing head, a fly wheel, means connecting said fly wheel with said head, and means operating to rotate said fly wheel to effect operation of said head; of means for limiting the rotary movement of said fly-wheel comprising a fly-wheel-carried unit and a stationary unit, one of said units having yieldable means to engage and yieldably hold the other unit.

1,620,367. SOUND-PURIFYING DEVICE. HENRY LION, Paris, France. Filed Apr. 18, 1925, Serial No. 24,078, and in France Apr. 23, 1924. 2 Claims. (Cl. 181—32.)

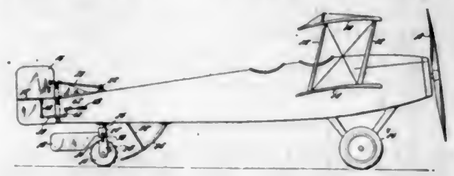


1. A purifier of sounds, adapted to be juxtaposed or combined with an acoustic emitter, comprising a box made of light material which is but little susceptible of vibration and having apertures formed in the lateral faces thereof, a plurality of corrugated diaphragms made of a light and strong substance and disposed within the said box, the directions of the corrugations of each diaphragm making a certain angle with the direction of the corrugations of the adjacent diaphragm.

1,620,368. AEROPLANE. FRANK MCELHANEY, Morgantown, W. Va. Filed June 12, 1926. Serial No. 115,575. 5 Claims. (Cl. 244—2.)

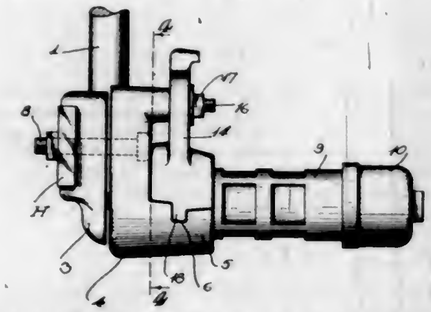
1. In an aeroplane, a body portion, planes mounted thereon, propelling mechanism, a vertical shaft mounted for rotatable and vertical movement, a stem rotatable with the shaft and slidable vertically with relation thereto, a rudder carried by the stem and means for shifting the rudder and shaft simultaneously, a ground engaging wheel carried by said shaft, means for adjusting the shaft vertically independently of said rudder

and holding said shaft in a given vertical position, means disposed in the path of vertical movement of the wheel and cooperating therewith to hold the wheel against



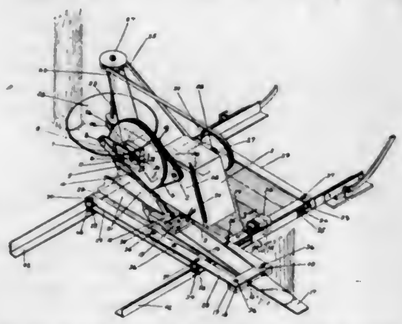
rotation, whereby the latter serves as a brake or skid, a horizontal rudder, and means for controlling the movements of the latter.

1,620,369. LOCK FOR THE WHEELED AXLES OF STALK CUTTERS AND OTHER WHEELED AGRICULTURAL IMPLEMENTS. JOHN A. MCKAY and PATRICK H. LYNCH, Dunn, N. C., assignors to The John A. McKay Manufacturing Company, Inc., Dunn, N. C., a Corporation of North Carolina. Filed Jan. 29, 1926. Serial No. 84,688. 7 Claims. (Cl. 301—122.)



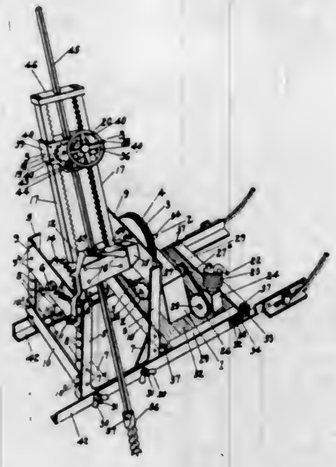
1. A device of the character described including an axle having a portion bent at an angle thereto, castings secured together substantially at the angle, a wheel-box adapted to be mounted on the axle and having a circumferential groove, a lock having a tongue adapted to enter the groove, the lock having a slotted shank, and a bolt extending from at least one of the castings through said slot, and a nut on the bolt for securing the lock in locked position.

1,620,370. ADJUSTABLE SAWING MACHINE. NOTLEY MADDOX, Los Angeles, Calif. Filed Apr. 28, 1924. Serial No. 709,587. 1 Claim. (Cl. 143—1.)



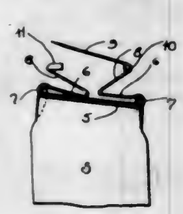
In an adjustable sawing machine the combination of a horizontally reciprocating saw in a horizontal plane, which is adjustable on a sliding table, the said sliding table having a free shifting movement upon a supporting guide frame and a wedge pivotally connected to the sliding table so that it may be forced between the table and guide frame to clamp the same in any desired position.

1,620,371. ADJUSTABLE BORING MACHINE. NOTLEY MADDOX, Los Angeles, Calif. Filed Aug. 6, 1925. Serial No. 48,581. 2 Claims. (Cl. 144—106.)



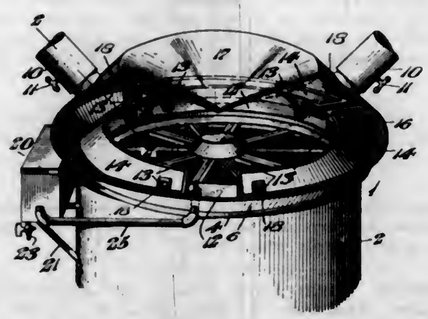
1. An adjustable boring machine comprising a framework consisting of two parallel U-shaped upright members transversely connected by top and bottom side frame members, the top side frame members of said framework supporting the trunnions of a split housing, rotatively supporting two parallel upright racks terminating into an end bearing; a carriage supported by said racks and longitudinally adjustable between aforesaid housing and end bearing; a boring bar and tool, the bar of said boring bar and tool of extendable length being intermediately positioned in a plane between and in parallel relation to aforementioned parallel racks and adapted to be raised and lowered through engagement to aforesaid carriage, substantially as herein set forth.

1,620,372. SHOULDER-STRAP FASTENER. MARTHA M. MAIDER, Akron, Ohio. Filed Nov. 17, 1926. Serial No. 148,851. 5 Claims. (Cl. 24—73.)



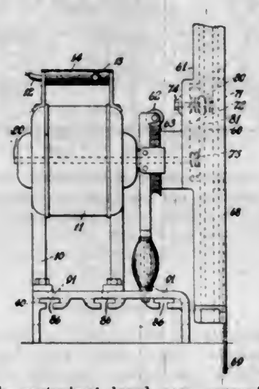
1. A shoulder strap fastener comprising a clasp embodying a strap bar and clasp arms overlying the strap bar and resiliently connected at their outer ends to the ends of said strap bar, the inner ends of said clasp arms normally engaging the intermediate portion of the strap bar and terminating in spaced relation, and a pin fastener carried by said arms.

1,620,373. AUTOMATIC HUMIDIFIER. JOHN S. MAKIN, Philadelphia, Pa. Filed Dec. 11, 1926. Serial No. 154,090. 6 Claims. (Cl. 126—113.)



1. In a device of the character stated, a hot air furnace, a plurality of troughs located in the upper portion thereof, open at their top and closed at their ends, and flexible communicating joints having water passages therethrough connected to the juxtaposed ends of said troughs.

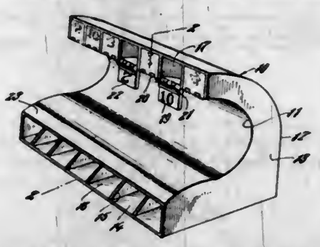
1,620,374. MOTORIZED HANDSAW. EDWARD J. MALONEY, Long Island City, N. Y. Filed Mar. 28, 1925. Serial No. 18,964. 1 Claim. (Cl. 143—68.)



A portable motorized hand saw, comprising a carrying frame with handle for transporting the saw and for steadying the same when in use, a driving motor supported thereby and having a hub projecting axially therefrom, a saw supporting frame mounted on the carrying frame and slide for a saw carried thereby, said frame having a hub fitting over and rotatable on the said motor hub, a worm wheel on the saw frame hub and a worm on the motor hub and meshing with said worm wheel to lock the two hubs to each other and to afford means for effecting an angular adjustment of the saw carrying frame, an internal gear rotatably mounted within the saw supporting frame, the shaft of the driving motor extending within said saw supporting frame, and a pinion thereon meshing with the internal gear, and a wrist pin and block thereon carried by the internal gear and engaging the saw slide to reciprocate the saw.

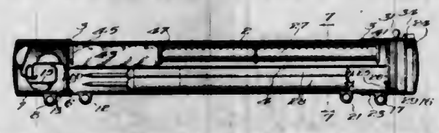
1,620,375. AMUSEMENT DEVICE. GUSTAVE MELING, Flushing, N. Y. Filed Aug. 20, 1926. Serial No. 130,499. 2 Claims. (Cl. 273—126.)

1. An amusement device comprising a housing having transversely aligned curved passages therein, the exits of which are disposed above the entrances, and doors hingedly connected to the lower walls of the respective passages to swing downward therefrom, numbers arranged on one side of said doors and normally concealed when said doors are in a closed position, means for supporting said doors in closed position, and a spherical member adapted to be rolled into either of said passages with sufficient force to carry the same therethrough when
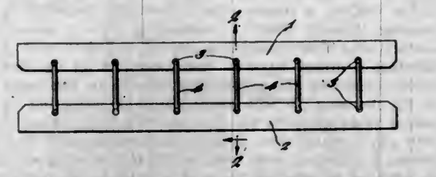


entering said passage through the entrance thereof, whereby to strike the respective door to cause the same to drop to an open position to expose the numeral thereon, said spherical member passing out of the exit and being projected forward in the direction from which it was originally rolled.

1,620,376. ACCESSORY CONTAINER FOR RAILWAY USE. FRANK P. MILLER, Chicago, Ill. Filed July 17, 1925. Serial No. 44,168. 7 Claims. (Cl. 246—488.)



3. In a railway appliance, the combination with an elongated tube internally divided into longitudinal compartments by a longitudinal partition element, said tube having a closed end and an open end, and removable caps adapted to have engagement with both the open and closed ends of the tube, one of said caps being provided with means whereby it serves as an auxiliary compartment for holding small accessories.

1,620,377. AUTOMOBILE LADDER. GEORGE MILLWARD, Marquette, Mich. Filed May 25, 1925. Serial No. 32,773. 3 Claims. (Cl. 238—14.)

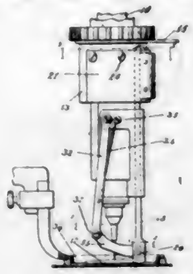


1. A device of the character described, including spaced parallel plate members having openings in their inner edges, links loosely engaged with said openings and adapted to span the distance between the said plates whereby to form an anti-skid trackway for vehicle wheels.

1,620,378. TRIMMING DEVICE FOR EMBROIDERY MACHINES. ANTONIO MISTRETTA, New York, N. Y. Filed Feb. 19, 1926. Serial No. 89,465. 6 Claims. (Cl. 112—127.)

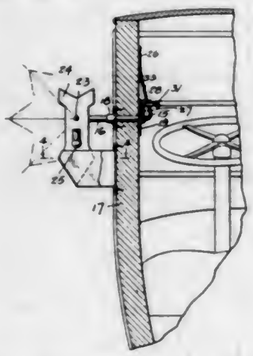
1. In a machine of the character specified, the combination with a needle bar capable of axial reciprocating motion and capable of angular movement about its own axis, an axially stationary member coaxial therewith and adapted to rotate therewith, and a stationary blade mounted on said member, of a movable blade hinged at the

inner side of said stationary blade, means associated with said needle bar adapted to cause motion of said movable blade, and means connecting said movable blade to said



associated means the outer end of said movable blade being positioned so that it will not cross the stationary blade during its movement, permitting said connecting means to project transversely of the stationary blade.

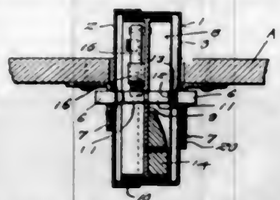
1,620,379. DIRECTION SIGNAL FOR MOTOR VEHICLES. CHARLIE BARRETT MITCHELL, Los Angeles, Calif. Filed Sept. 30, 1924. Serial No. 740,771. 1 Claim. (Cl. 116—51.)



A direction signal comprising a shaft housing, a flanged collar secured to the housing intermediate its ends and adapted to be secured to the body post of a motor vehicle, a tubular shaft rotatably mounted in the housing through which a conducting wire is adapted to extend, said shaft projecting beyond opposite ends of the housing, a pinion fixed to the outer end of the shaft, a casing enclosing the pinion and secured to the outer end of the housing, a stub shaft rotatably mounted in the casing at an angle to the first shaft, a pinion fixed to the stub shaft within the casing and meshing with the first pinion, a signaling arm fixed to the stub shaft and having an opening in which a lamp is adapted to be received so as to be visible from both sides of the arm, means for actuating the first shaft to effect movement of the arm to occupy any one of a plurality of signaling positions and a non-signaling position, and a shield of U shaped cross section adapted to be secured to the body post and in which a portion of the arm is received and concealed when the arm occupies its non-signaling position.

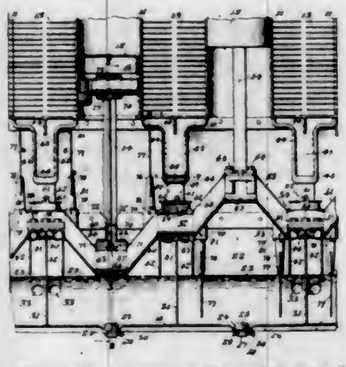
1,620,380. GRADOMETER. SAMUEL E. MORRISON, Lynn, Mass. Filed Feb. 18, 1926. Serial No. 89,117. 3 Claims. (Cl. 33—220.)

3. A gradometer, comprising a casing, brackets adapted to mount the casing on a vehicle, one of said brackets having a semi-circular flange, means on said casing engaging said flange to hold the casing in a fixed position relatively to the brackets, a weighted cylinder in said casing, said casing and cylinder being relatively rotatable, weighted arms pivotally mounted on the cylinder on opposite



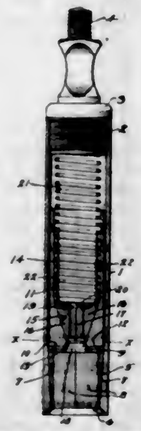
sides of the center of gravity thereof, and a stop on the cylinder and arranged between the arms to limit their movement towards each other.

1,620,381. LUBRICATOR. SWENEY MUNSON, Scammon, Kans. Filed June 26, 1926. Serial No. 118,802. 4 Claims. (Cl. 184—13.)



1. In a lubricating system of the splash type for crank shaft and connecting rod bearings the combination with the crank of a crank shaft, and a pair of spaced interiorly threaded collars carried by said crank, a holder secured in each of said collars and projecting therefrom, and a splasher finger secured to each holder and extended therefrom.

1,620,382. MULTIPLE SUCKER-ROD SOCKET. WALTER A. O'BANNON, Tulsa, Okla. Filed Nov. 13, 1925. Serial No. 68,845. 15 Claims. (Cl. 294—102.)



1. In a socket of the class described, the combination with a barrel having a tapering bore and slips in said bore, of holding means having interlocking connection

with the slips to hold them together free to open and close, said holding means having gripping means for engaging an object passing thereinto.

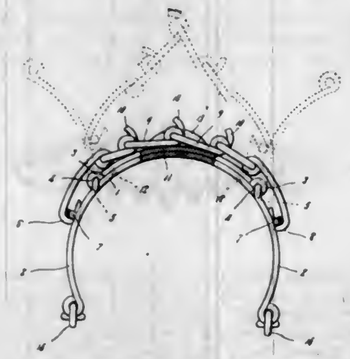
8. A socket comprising a barrel, a set of slips mounted in said barrel, and yieldable means coacting with said slips and adapted to engage the walls of the barrel incident to movement of the slips relative to the yielding means.

1,620,383. SUCKER-ROD SOCKET. WALTER A. O'BANNON, Tulsa, Okla. Filed Dec. 4, 1925. Serial No. 73,169. 13 Claims. (Cl. 294—102.)



1. A slip body or unit composed of superposed sections; and means interlocking the sections together for simultaneous movement in a rod socket.

1,620,384. RESILIENT-TIRE TRACTION DEVICE. DAVID W. OHAVER, Rockville, Ind. Filed May 23, 1925. Serial No. 32,337. 6 Claims. (Cl. 152—14.)



4. In resilient tire armor, the combination of a cross tread plate, side plates hinged to the ends of the cross plate, and a cable pivoted at its ends to the side plates, each of the said side plates having a portion formed from the material of the plate for affording pivotal connection of the cable.

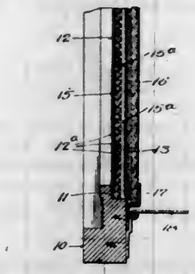
1,620,385. SIGNAL FOR MOTOR CARS. THOMAS J. O'LEARY, St. Paul, Minn. Filed July 29, 1925. Serial No. 46,856. 1 Claim. (Cl. 116—50.)

A device of the class described, comprising a tubular element formed in two aligned sections, a coupling connecting the sections, said coupling having an outlet connection, a second tubular element operating within that first named, a signal carried by the second tubular element, a flexible device extending thru the outlet connection of the coupling and having connection with the sec-



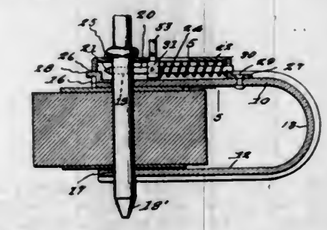
ond tubular element at a point near its inner end, and a spring connected with the inner end of the second tubular element and secured at a point near the inner end of the tubular element first named.

1,620,386. ILLUMINATED SIGN. HAROLD C. OSBORN, Chicago, Ill. Filed Jan. 25, 1926. Serial No. 83,442. 3 Claims. (Cl. 40—140.)



3. An illuminated sign, comprising a frame, oppositely disposed channel shaped metal strips secured to said frame, a multiplicity of parallel, superimposed, round glass rods extending from side to side of said frame with their ends contained in the slots of the channel strips, each rod supporting those above it, character displaying members, each having tabs insertible between contiguous rods, and frictionally held therebetween a lamp and lamp casing supported by said frame behind the rods, and a translucent plate interposed between the lamp and glass rods.

1,620,387. CLEVIS. DAVID PALMER, Sharon, Kans. Filed June 7, 1926. Serial No. 114,333. 3 Claims. (Cl. 278—96.)

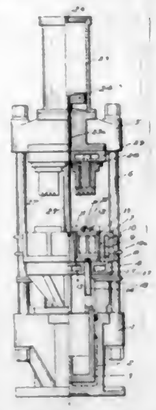


1. In a clevis, a yoke member of channel iron construction, a housing mounted on the upper side of the yoke member and within the channel, said housing and yoke member being apertured, a clevis pin passing thru the apertures, and means operating in the housing for engaging and retaining the pin against displacement.

1,620,388. APPARATUS FOR MOLDING BATTERY BOXES. THEBON R. PALMER, Erie, Pa. Filed Mar. 6, 1925. Serial No. 13,640. 1 Claim. (Cl. 18—17.)

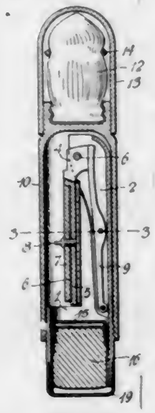
In a battery box molding apparatus, the combination of a mold having separable side and end plates, said end

plates having handle-forming mold pockets and mold walls completing the mold form having portions opening in the mold forming pockets; a core having a closure surface slidably movable over the handle-forming mold pockets; and pressure means forcing the mold and core



together, closing the handle pockets by the sliding movement of the closure surface over the handle-forming pockets and filling the handle-forming pockets from the stock flowing from the wall forming portion of the mold, said core seating on the side plates.

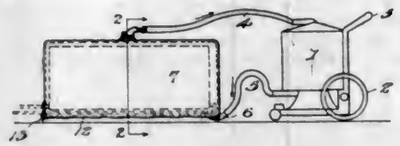
1,620,389. RAZOR COMPACT. VICTOR R. PAYTON, Ardmore, Okla. Filed Feb. 2, 1926. Serial No. 85,556. 2 Claims. (Cl. 30—12.)



1. A razor outfit, comprising a body having an extension at one end thereof, said extension terminating in a pair of prongs, a blade holder having a portion extending between said prongs, a pivot pin passing through the prongs and said portion, a spring lever carried by the extension and having its free end engaging said portion, said portion having flattened side edges engaged by the spring lever for holding the blade holder in either folded position, in an angular position or in a straight position.

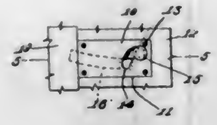
1,620,390. DUST HOOD. HENRY W. PETERS, Columbus, Ohio. Filed Nov. 18, 1925. Serial No. 69,916. 1 Claim. (Cl. 15—14.)

The combination with a vacuum cleaning machine having an air blast pipe and a suction pipe, of a flexible, non-porous hood adapted to enclose a structure to be cleaned, means for closing the free edge of the hood about the



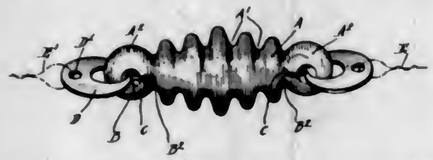
enclosed structure, a detachable connection between the hood and suction pipe, and a nozzle on the air blast pipe for introducing air currents to the interior of the hood.

1,620,391. FASTENING DEVICE. CARL N. RAMSTAD, Valdez, Territory of Alaska. Filed Jan. 31, 1925. Serial No. 6,035. 1 Claim. (Cl. 292—67.)



A fastening device comprising in combination with a member having a recess therein, a plate having an arcuate transversely extending slot therein, a bolt comprising a flat elongated member having a curved edge and having one of its flat faces adapted to engage the inner face of the plate, a chisel-shaped penetrating end at the outer end of the bolt, the bevel of said chisel-shaped end being upon the face of the bolt remote from the plate so as to present a flat wide resisting surface, a headed operating stud carried by and extending outwardly from the bolt through the slot, and the curved edge of the bolt being adapted to ride upon one wall of the recess to project one corner of the chisel-shaped penetrating end in advance of the other corner to facilitate penetration.

1,620,392. INSULATOR. HERBERT E. RIDER, New York, N. Y., assignor to Edward L. Hall, New York, N. Y. Filed Jan. 29, 1925. Serial No. 5,438. 1 Claim. (Cl. 173—28.)

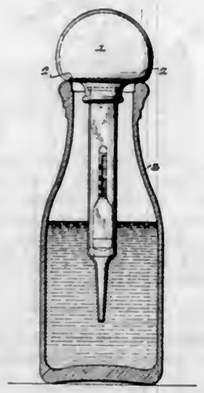


An insulator comprising a body portion having an annular groove near one end thereof and detents located adjacent thereto and disposed diametrically opposite to each other, and having a slot extending from each detent to said groove, and a clasp having its ends spaced apart a distance corresponding to the diameter of said body portion at the bottom of said groove and adapted to pass through said slots and rest in contact with the body portion at the bottom of said detents at a single point, said clasp adapted to serve as a bracket for the purpose set forth, and in swinging relation thereto.

1,620,393. HYDROMETER. WALTER RIPPIEN, Philadelphia, Pa. Filed July 18, 1925. Serial No. 44,515. 1 Claim. (Cl. 265—45.)

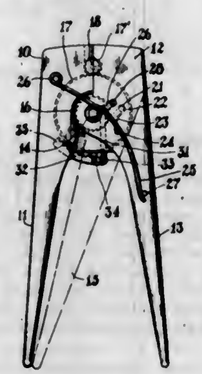
A hydrometer comprising an open-ended tubular body having attached to one end a hollow bulb, the interior

of which communicates directly with the hollow tube, the wall of said bulb where the latter joins the said tube being extended transversely in a plane substantially perpendicular to the longitudinal axis of said tubular body



to thereby form a flat surface adapted to seat squarely upon the top edge of a suitable container to support the tubular body within the container and to effectively seal the latter.

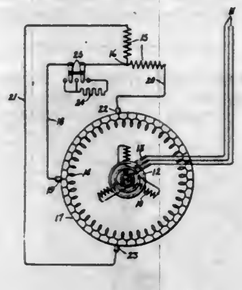
1,620,394. HAND FAN. ALFREDO RODRIGUEZ, Angiola, Calif. Filed Feb. 23, 1926. Serial No. 89,831. 4 Claims. (Cl. 230—33.)



1. A hand operated fan comprising a plurality of radial fan blades, operating mechanism for alternately driving said fan blades in one direction and in an opposite direction thereafter for alternating the direction of a draft of air, and operating mechanism for rotating said fan blades continuously in one direction for providing a continuous draft of air, said driving mechanism being adapted to be disengaged for permitting individual application of either one thereof.

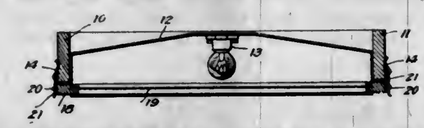
1,620,395. ALTERNATING-CURRENT COMMUTATOR MOTOR. PAUL ROHDE, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed Oct. 17, 1925, Serial No. 62,988, and in Germany Dec. 19, 1924. 3 Claims. (Cl. 172—274.)

1. An alternating current motor comprising relatively rotatable primary and secondary members, the primary member having a polyphase winding connected to a commutator and the secondary having a two phase winding with the neutral points interconnected, a brush on said



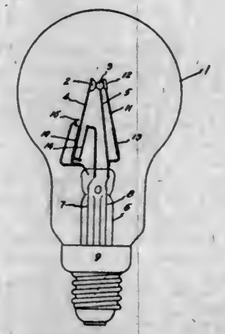
commutator connected to said neutral point, and movable brushes on said commutator individually connected to the outer ends of said two phase winding.

1,620,396. ADVERTISING DEVICE. HERBERT S. SACKETT, Windom, Minn. Filed July 28, 1926. Serial No. 125,479. 2 Claims. (Cl. 40—132.)



1. An advertising device comprising an illuminated lamp box, a frame member, channeled portions provided upon the ends of the box for receiving the edges of the frame member therein, the forward edges of the top and bottom walls of the box protruding outwardly an appreciable distance beyond said channeled portions, the lower wall providing an upstanding flange portion, and a frame member carrying a placard thereon being disposed between the walls behind said flange portion.

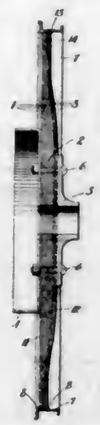
1,620,397. INCANDESCENT ELECTRODE DEVICE. CURT SAMSON, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed Mar. 20, 1925, Serial No. 17,062, and in Germany June 21, 1924. 6 Claims. (Cl. 176—1.)



1. An electric discharge device comprising main cooperating electrodes, an auxiliary electrode which is capable of more readily forming the seat of a discharge than one of said main electrodes, means for supporting said auxiliary electrode in electrical and thermal contact with one of said main electrodes, means for starting an arc between said contacting electrodes and another main

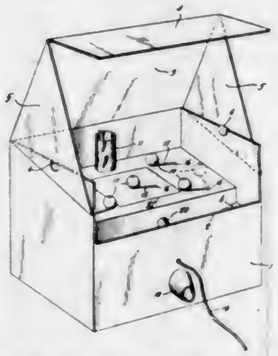
electrode and means for moving said auxiliary electrode away from the contacting electrode after the arc has been operating an appreciable interval, thereby rendering the auxiliary electrode inactive while permitting the arc to continue operating between said main electrodes.

1,620,398. WOOD DISK WHEEL. EDWARD C. SENDELBACH, Philadelphia, Pa. Filed May 28, 1925. Serial No. 33,343. 6 Claims. (Cl. 301—63.)



1. In a laminated wood disk wheel, the combination of a section built up of straight laminations certain of which are of gradually decreasing diameter to provide a a central hub portion of greater thickness than the outer portion, and another section built up of laminations curved to fit snugly over the graduated thickness of said straight laminations whereby to protect the joints and brace the wheel.

1,620,399. GAME. JAMES D. SMITH, Overall, Tenn. Filed June 21, 1926. Serial No. 117,497. 4 Claims. (Cl. 273—103.)



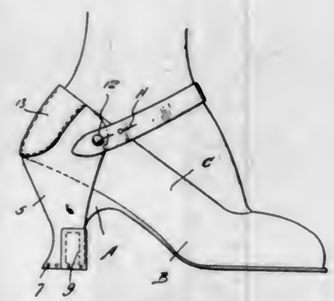
1. A game of the class described comprising a casing, a platform therein, a tubular member at the rear of the casing and passing through the platform, a chute in the casing for receiving objects passing through the tubular member and leading them through the front of the casing, an alarm in the chute adapted to be struck by an object passing through the same, pivoted arms on the platform, spherical members carried by the arms and adapted to be struck by objects thrown at them, which will cause the arms to swing rearwardly and cables attached to the arms for returning them to normal position.

1,620,400. CAP. MYRTLE E. SMITH, Glenwood, Wash. Filed Nov. 11, 1925. Serial No. 68,386. 1 Claim. (Cl. 132—49.)



A head covering comprising a head encircling beaded band having a marginal thread, a plurality of crown threads, beads upon the crown threads and split bendable beads connecting the crown threads to the thread of the band and to one another to provide an ornamental crown, the splits of said beads being substantially V-shaped with their ends abutting.

1,620,401. AUTOMOBILE DRIVER'S HEEL PROTECTOR. ELIZABETH MEARS SMOCK, Asheville, N. C. Filed Dec. 22, 1925. Serial No. 77,005. 1 Claim. (Cl. 36—72.)

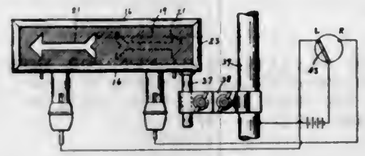


As a new article of manufacture, a ladies' shoe and heel protector of the class described comprising a pocket constructed of flexible material and shaped to conform to the rear portion of the shoe and rear and side portions of a high heel, a reinforcing patch on the upper part of the pocket and on the rear side thereof, a lift constituting the bottom of the pocket, a strip of flexible material extending across the open side of the bottom of the pocket and serving to confine the heel in said pocket and in engagement with said lift, and a retaining strap for the protector adapted to extend across the instep of the wearer.

1,620,402. DIRECTION INDICATOR FOR AUTOMOBILES. HAROLD H. SOPER, Medford, Mass., assignor, by direct and mesne assignments, to Somac Traffic Signal Co., Boston, Mass. Filed May 29, 1925. Serial No. 33,663. 2 Claims. (Cl. 177—329.)

1. A direction indicator comprising a casing composed of an oblong, open-sided frame containing lamps, and indicator plates confined by the frame in position to cooperate with the lamps, the frame being wholly of sheet metal and including a bottom member having integral upwardly opening longitudinal channeled flanges, a top member having integral downwardly opening longitudinal channeled flanges, an end member connecting the top and bottom members at one end of the frame, and having integral vertical channeled flanges closing the longitudinal flanges at said end, the longitudinal flanges being open at the opposite end of the frame, so that the indicator plates are slidable into said flanges until arrested by the vertical flanges, and a reinforced opposite end member including ears integral with the bottom and top

members, oppositely bent therefrom, and abutted together and united to form a web having a horizontal butt joint, the web being entirely between the open ends of the longitudinal flanges, so that it does not interfere with the sliding of the indicator plates, the reinforced end member including also plate retainers, extending across the butt joint and detachably secured



to the web, said retainers reinforcing the web and having vertical channeled flanges which close the open ends of the longitudinal channels and confine the indicator plates therein, the channeled flanges formed on the bottom and top members, the connecting end member, and the plate retainers, stiffening said parts and preventing racking and distortion of the frame.

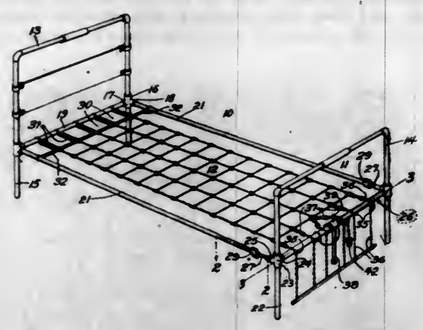
1,620,403. CORRUGATED-WIRE ARTICLE. ROBERT P. SOUTHCOMB, Baltimore, Md. Filed Oct. 7, 1925. Serial No. 60,999. 2 Claims. (Cl. 220—19.)



2. A portable article of the class described comprising a wire fabric composed of crossed relatively movable corrugated wires and two hollow metal housings for the opposite edges of the fabric, one of said housings being tubular and the other U-shaped in cross section, and both of said housings having longitudinally spaced slots, said wires terminating adjacent corresponding crossing points and the adjacent ends of oppositely directed wires being bent in opposite directions and two of said oppositely bent ends being then inserted into each slot in said housings, said ends thereby interlocking with the housings adjacent the ends of the slots, and a strip of non-metallic material clamped between the sides of the U-shaped housing and extending beyond its edges.

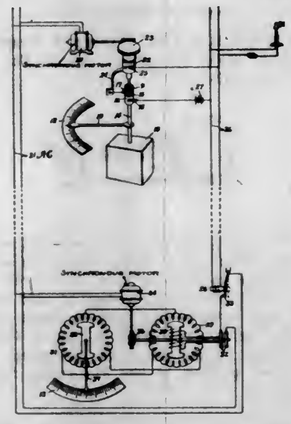
1,620,404. BED AND SPRING THEREFOR. ALONZO B. SPRAGUE, Brooklyn, N. Y., assignor of two-thirds to Relief Society for the Aged, a Corporation of New York. Filed Nov. 30, 1925. Serial No. 72,247. 2 Claims. (Cl. 5—184.)

1. A bed comprising a head frame section having removable tubular side bars, a foot frame section having removable side bars slidable within said tubular side bars, and a brace bar, adjustable stops carried by the side bars of said foot frame section for abutment against the ends of said tubular side bars for limiting the sliding movement of the same in one direction, a spring permanently attached at one end to said head frame section and adapted to be thrown over said section when the same is collapsed, and tension means on the foot frame section for engagement with the other end of said spring for holding said spring in a taut condition between said frame sections, said tension means including a hollow roller journalled for rotation on said brace bar, said roller having an opening therein for register with any one of a plurality of sockets provided in said brace bar,



and a removable locking pin passing through said opening and into the registering socket for locking said roller against the tension of said spring.

1,620,405. TELEMETRIC SYSTEM. GEORGE W. SPRENGER, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed Oct. 6, 1925. Serial No. 60,886. 8 Claims. (Cl. 177—351.)

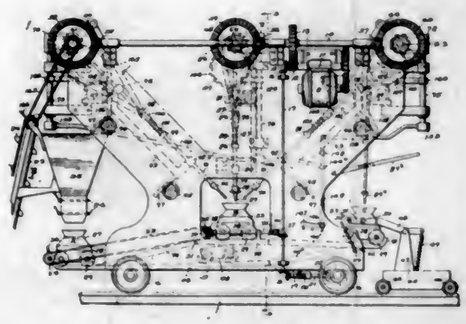


1. A signalling system comprising a transmitter and a receiver, each having a rotating part, means for establishing a synchronous relation between said parts, a signalling circuit between said transmitter and receiver, movable signalling means associated with said transmitter for closing said circuit once in each revolution of said rotating parts at a point in the revolution depending upon the positions of said signalling means, a position signalling generator having stationary and rotary members at the receiving station, one member of which constitutes the aforesaid rotating part of the receiver, means responsive to the closing of said signalling circuit at the receiving station for momentarily energizing said generator, and position signal receiving means energized by said generator for reproducing movements corresponding to the movements of said signalling means.

1,620,406. MOLD-RAMMING MACHINE. JOSEPH STONE, Bessemer, Ala. Filed Oct. 3, 1925. Serial No. 60,228. 12 Claims. (Cl. 22—41.)

1. A molding machine of the character described comprising a main supporting frame, a motor mounted there-

in, means for propelling the frame bodily by said motor, rammers actuated by said motor, pattern frames and flasks, trackways carried by the frame and constituting a passageway through the frame for the pattern frames and flasks, said trackways comprising sand receiving, ramming and take-off stations, a propelling means for causing the



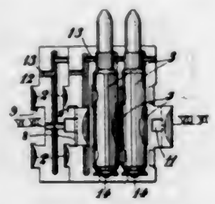
pattern frames to travel along said trackways and a sand conveyor for delivering sand to the pattern frames, said conveyor projecting beyond one end of the machine frame in such manner as to be fed into a pile of sand by the bodily movement of said machine when propelled by said motor.

1,620,407. BOTTLE RACK. HAROLD R. STREIF, St. Paul, Minn. Filed Feb. 13, 1926. Serial No. 88,111. 3 Claims. (Cl. 211—17.)



1. A bottle rack adapted to be engaged with a table or other flat element, said rack comprising an elongated frame of L-shape in cross section, bottle retaining members fixed on the horizontal flange of said main frame, rearwardly and downwardly opening hook members extending from the upper portion of the vertical flange of the main frame, horizontal arms extending rearwardly from the lower portion of the horizontal flange of the main frame.

1,620,408. FEED STRIP FOR FIREARMS. CHARLES SUTTER, Suresnes, France, assignor to Societe Anonyme des Anciens Etablissements Hotchkiss & Cie., St. Denis, France. Filed Feb. 26, 1926, Serial No. 90,850, and in France Mar. 24, 1925. 10 Claims. (Cl. 89—35.)



4. A feed strip comprising a plurality of clips hinged together two by two by a cartridge, each clip having two open claws on one side, and a single open claw on the other and lugs on each clip adapted to abut against the claws of the adjacent clip.

1,620,409. PAINT AND VARNISH REMOVER. OWEN PARKER SWIFT, Halifax, England, assignor to Chadeloid Chemical Company, New York, N. Y., a Corporation of West Virginia. Filed Dec. 24, 1923. Serial No. 682,464. 3 Claims. (Cl. 87—5.)

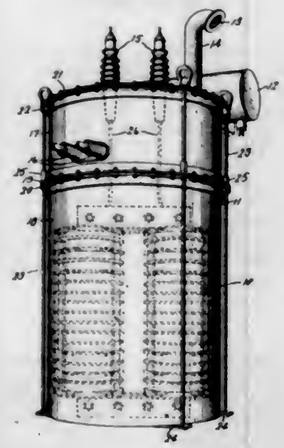
1. A paint and varnish removing composition comprising wax, a relatively small volume of an alcoholic body and a relatively larger volume of wax solvent composed of approximately 4 volumes of benzol to 1 volume of toluol.

1,620,410. GAS-MIXING GASKET FOR INTERNAL-COMBUSTION ENGINES. CHARLES M. TANSILL, White Hall, Md. Filed Apr. 17, 1925. Serial No. 23,911. 1 Claim. (Cl. 48—180.)



A mixing device in the form of a gasket including thin copper side plates, a compressible body between said plates having a central opening with depressions in its sides surrounding the central opening, screens seated in said depressions and having their peripheral edges covered by the side plates, and a tube of fine wire mesh passing centrally through the body, between the screens and having its ends communicating with the atmosphere.

1,620,411. TRANSFORMER. ELMER J. TEMPLE, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Mar. 20, 1925. Serial No. 17,037. 4 Claims. (Cl. 220—85.)



1. A transformer having an enclosing casing extending above the transformer to provide a space between the top of the transformer and the top of the casing, said casing comprising separable upper and lower sections, and a cover formed to fit upon the uper edge of said lower section with the upper section removed, the joint between said separable sections being sufficiently near the top of said casing to permit the transformer to be enclosed in said lower section with said cover assembled thereon.

1,620,412. LINER FOR OIL WELLS. JOHN TWEEDDALE, Torrance, Calif. Filed July 30, 1925. Serial No. 47,079. 6 Claims. (Cl. 166—5.)



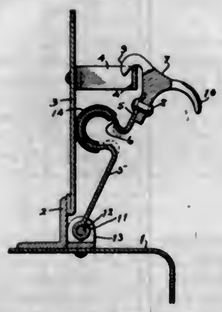
1. An oil well liner unit comprising relatively spaced inner and outer pipes provided with perforations the perforations of one pipe being located in the upper half thereof and the perforations of the other pipe being located in the lower half thereof.

1,620,413. PROTECTOR FOR BOOTS AND SHOES. NORMAN WALTON URWIN, Annfield Plain, England. Filed Aug. 21, 1924, Serial No. 733,393, and in Great Britain Jan. 18, 1924. 1 Claim. (Cl. 36—73.)



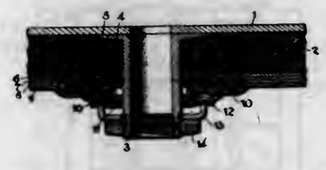
A protector for foot wear comprising a rib having an inwardly projecting flange arranged flush with its inner face and provided with apertured securing lugs lying in the same plane as said flange and adapted to receive fastening elements, and integrally formed outstanding spikes on said lugs adapted to penetrate a top lift when inserted in the protector to hold the same in operative relation.

1,620,414. HOOD LATCH. LOUIS C. VANDERLIP, Elkhart, Ind. Filed May 24, 1926. Serial No. 111,137. 7 Claims. (Cl. 292—101.)



2. In an automobile hood-clamp, a unitary hold-down clamp and a resilient laterally projecting side engaging clamp rigid therewith, said hold-down clamp including a separate element latch member.

1,620,415. LEAKPROOF-TANK COVER. WARD T. VAN ORMAN, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Original application filed Apr. 28, 1921, Serial No. 465,164. Divided and this application filed July 17, 1925. Serial No. 44,246. 6 Claims. (Cl. 285—38.)



1. An outlet connection for a tank having a cover of fabric and rubber composition formed with reinforced openings through the fabric including a reinforcing loop, a member attached to the tank and extending through the openings, tongues formed by a series of radial cuts in said fabric pulled through said loop and a reinforcing washer fitted around the openings adapted to secure the tongues and fabric intermediate the reinforcing washer and the body of the fabric.

1,620,416. VALVED PISTON. VICTOR J. WATERS, Shidler, Okla., assignor of one-third to Henry S. Mercer, Shidler, Okla. Filed Oct. 1, 1925. Serial No. 59,956. 2 Claims. (Cl. 103—225.)

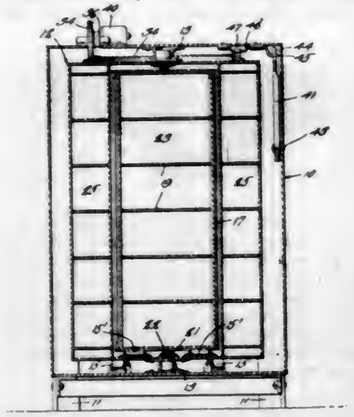


1. In a valved piston comprising a central tube supporting intermediate its ends a series of cup-like piston elements, and a valve at one end only of the tube, a sleeve of fibrous packing surrounding the tube adjacent the piston elements, the said sleeve being held against a fixed abutment at one end, and a sliding abutment at the opposite end which is guided by the central tube and yielding means effective at all times to move the sliding abutment toward the fixed abutment to compress the packing sleeve whereby its effective diameter is increased substantially throughout its length.

1,620,417. CASE. WASHINGTON WATT, Jr., Memphis, Tenn. Filed Dec. 26, 1924. Serial No. 758,247. 1 Claim. (Cl. 211—16.)

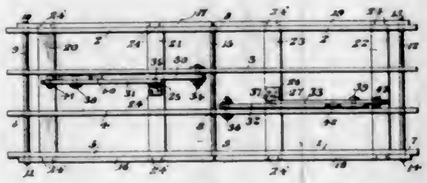
A cabinet comprising a casing open at one side, and including a top, a carrier mounted within the casing for rotation, a ring gear arranged upon the top of said casing, a crank shaft journaled on the underside of said top above said gear, and having an offset angular extremity,

a vertical lever pivoted within the casing and having a bifurcated portion receiving said offset angular extremity of the crank shaft, a pawl carried by the crank shaft and arranged to engage the teeth of said gear, one wall of



the casing being slotted, and a manually operable lever connected with the first mentioned lever and projecting through said slot, whereby the pawl can be actuated to turn said carrier.

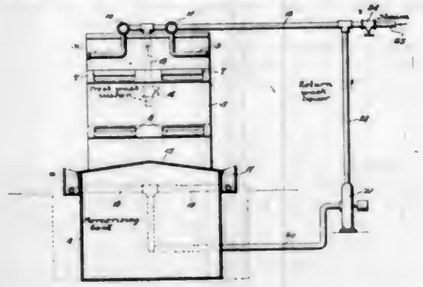
1,620,418. WASHBENCH. JERRY R. WIARDA, Coopersville, Mich. Filed Apr. 7, 1926. Serial No. 100,346. 1 Claim. (Cl. 68—35.)



A foldable bench comprising a series of horizontally disposed spaced parallel supporting bars, a transverse connecting member positioned at the vertical median of said bars, a pair of connecting rods extending through and each positioned adjacent to one end of said bars, each rod projecting laterally from the outer bars of the series to provide a pair of pivots, pairs of normally vertically disposed supporting legs, the legs of each pair mounted at their upper ends upon a pair of pivots, normally inclined oppositely disposed foldable brace elements, means for pivotally connecting the upper end of one of said brace elements to an intermediate bar of said series in proximity to one side of said member and the upper end of the other of said brace elements to another intermediate bar of said series in proximity to the other side of said member, a transversely extending cross bar secured against the outer side edge of each pair of supporting legs near the lower ends thereof for connecting them together, and means for pivotally connecting the lower ends of said brace elements to said cross bars.

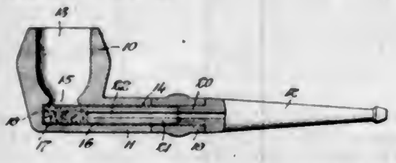
1,620,419. MERCERIZING MACHINE. FRANK SEMPLE WILCOX, Union, S. C. Filed Feb. 6, 1926. Serial No. 86,489. 3 Claims. (Cl. 8—20.)

1. In combination with a mercerizing machine having a tank, skein racks above the tank, spraying pipes above said racks and troughs below the racks to receive wash water draining from the skeins, a pump connected to said troughs for withdrawing partially saturated wash water therefrom, a return pipe leading from the pump to said spraying pipes for redelivering the wash water thereto,



means for supplying fresh wash water to said return pipe, and means for supplying steam to said return pipe for heating the fresh and recovered wash water.

1,620,420. TOBACCO PIPE. JOHN M. WILSON, San Diego, Calif. Filed Apr. 16, 1926. Serial No. 102,501. 3 Claims. (Cl. 131—12.)



1. A tobacco pipe including a bowl provided with a tobacco chamber, a stem provided with a bore in communication with said tobacco chamber, a tube removably engageable in said bore, said tube being open at its inner end and having segmental cut out portions opening through the inner end thereof adapted to underlie said tobacco chamber, said cut out portions extending inwardly of said tube throughout only a portion of the length thereof, and filtering and residue collecting material removably engageable within said tube through the open inner end thereof.

1,620,421. LIFE PRESERVER. WILLIAM WILSON, New York, N. Y. Filed June 19, 1926. Serial No. 117,117. 4 Claims. (Cl. 9—17.)

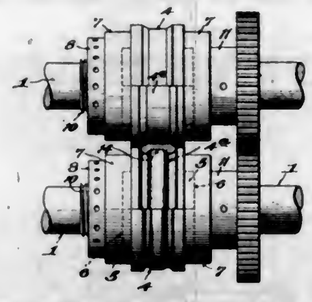


1. A life preserver comprising a pair of inflatable members, nets surrounding said inflatable members for limiting inflation of the same and for confining said members to the shape of said nets, means for allowing said inflatable members to be inflated simultaneously, means for retaining said inflatable members in inflated condition and co-acting means carried by said inflatable members for housing the same in a collapsed condition.

1,620,422. METHOD FOR PREPARING ROLLS FOR ROLLED STEP-JOINT BARS. BENJAMIN WOLHAUPTER, New Rochelle, N. Y., assignor to The Rail Joint Company, New York, N. Y., a Corporation of New York. Filed June 22, 1925. Serial No. 38,815. 3 Claims. (Cl. 29—148.4.)

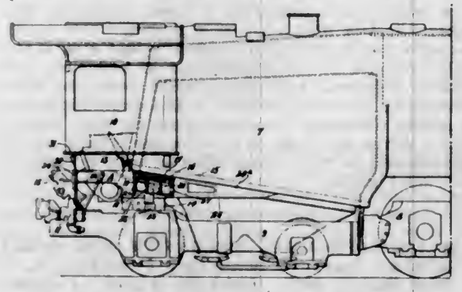
1. A method of preparing rolls for rolling step joint bars which consists first in turning the die grooves in

roll sections for one section and size of joint bar, separately turning die grooves in other roll sections for another section and size of joint bar, and subsequently assembling and mating dissimilar roll sections on the upper



and lower roll shafts of the mill, thereby to provide each roll with die grooves of substantially the same shape but of different dimension with offsets at the points of intersection of the two grooves.

1,620,423. LOCOMOTIVE-REAR-END SUPPORT. WILLIAM E. WOODARD, Forest Hills, N. Y. Filed Apr. 27, 1925. Serial No. 26,012. 7 Claims. (Cl. 105—37.)



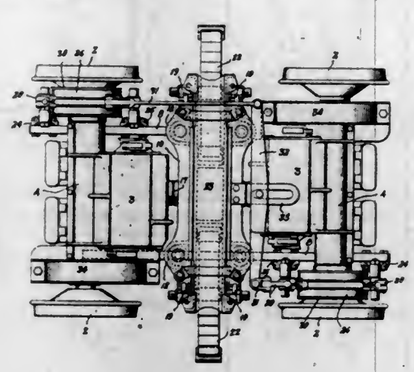
1. In combination in a locomotive, a fire-box having a mud-ring, a cab, ash pan means, and a combined cab and ash pan means support secured to the mud-ring.

1,620,424. VEHICLE SPRING SNUBBER. JAMES W. BARNES, Cleveland, Ohio. Filed Dec. 12, 1925. Serial No. 75,106. 1 Claim. (Cl. 267—10.)



A snubber comprising a housing adapted to be mounted on a vehicle frame, a brake drum secured in said housing, a segmental brake band on said drum, a flexible member secured adjacent one end of said brake band and adapted to engage a vehicle axle, a hub mounted for rotation within said brake drum, a stub shaft mounting said hub projecting from said brake drum, a helical spring connecting said hub and the brake band, the end of the spring engaging the brake band being bent back thereon and provided with a lug seating in a bayonet slot in the brake band, ratchet teeth on the hub, and a pawl pivoted in the brake drum and engaging said ratchet teeth to hold the hub from rotation in one direction.

1,620,425. LOCOMOTIVE OR CAR TRUCK. ASA F. BATCHELDER, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Oct. 12, 1925. Serial No. 61,904. 15 Claims. (Cl. 105—139.)



1. A locomotive or car truck comprising wheels, an axle connecting the wheels, an electric motor supported at one side on the axle, bars pivotally attached to the motor at points below the axles, and means for supporting the motor at the other side on said bars connected to the motor at a point below the center-line of the axle.

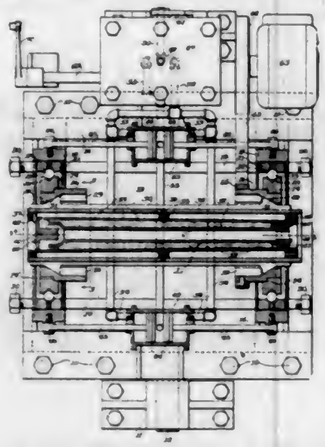
1,620,426. APRON. MABEL BAXTER, Belvidere, Ill. Filed May 26, 1926. Serial No. 111,844. 1 Claim. (Cl. 128—287.)



A sanitary apron comprising front and rear members fastened together at the top and sides to form a pocket, the front member having its top spaced below the top of the rear member, portions of the bottom of the two members being free to form a mouth of the pocket and the free part of the bottom of the front member being cut back to facilitate entrance to the pocket, a sheet of rubber or the like in the pocket, buttons at the upper end of the sheet and the front member having buttonholes at its upper edge for receiving the buttons, a tape extending across the rubber sheet adjacent its lower end, a button at each end thereof, the front member having buttonholes for receiving the last mentioned but-

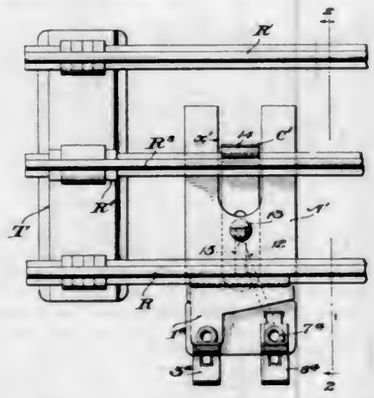
tons, an elastic tape engaging the last mentioned buttons, a waistband connected with the top of the rear member and a tape connecting the waistband with the elastic tape.

1,620,427. CENTRIFUGAL MOLDING MACHINE. WILLIAM H. BEATTY, Birmingham, Ala., assignor to James B. Clow & Sons, a Corporation of Illinois. Filed Oct. 31, 1925. Serial No. 65,920. 12 Claims. (Cl. 22—65.)



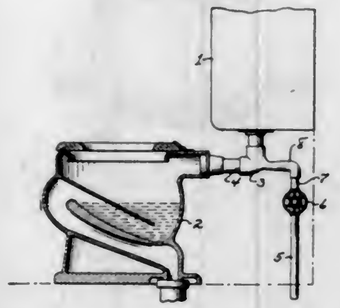
1. In an apparatus for centrifugally casting molten metal bodies, the combination of a mold, a transversely compressible mold carrier embracing said mold, bearings in which said carrier is journaled, means for shifting said bearings toward and from each other, and means for compressing said carrier on said mold actuated by a shifting movement of said bearings in one direction.

1,620,428. WIRE-TERMINAL CLIP FOR TOY TRACKS. HARRY S. BECKER, River Forest, Ill., assignor to American Flyer Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Original application filed Apr. 25, 1925, Serial No. 25,908, Patent No. 1,610,033, dated Dec. 7, 1926. Divided and this application filed July 2, 1926. Serial No. 120,223. 4 Claims. (Cl. 191—29.)



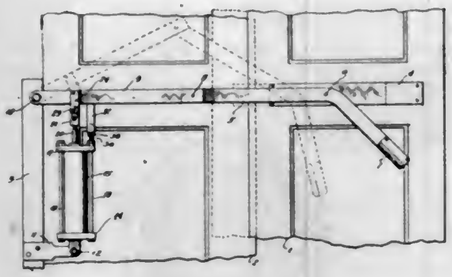
1. A detachable universal wire terminal clip device for toy railway track including an insulating base having a slot open at one edge thereof, a relatively fixed rail engaging contact element, carried by said base at the edge thereof opposite the slot, and a third rail engaging unit having shiftable third rail engaging means lying within the slot, and a terminal member carried by the base and connected with said third rail unit.

1,620,429. WATER-CLOSET. GORDON R. BELL, Englewood, Colo. Filed Dec. 1, 1926. Serial No. 152,001. 1 Claim. (Cl. 4—73.)



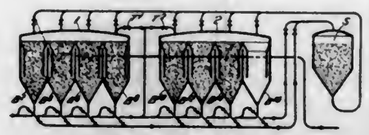
A water closet comprising a bowl, a vertical pipe adapted to lead from a source of flushing water supply, an elbow having one end connected to said pipe, a conduit connected to the opposite end of said elbow and leading therefrom for communication with the water closet bowl, a conduit arranged in said elbow and having a portion extending rearwardly from the head thereof, and a valved pipe connected to the end of said portion and adapted to be in communication with a source of hot water supply.

1,620,430. OPERATING MECHANISM FOR SHAFT DOORS. FRANZ A. BOEDTCHER, Bergenfield, N. J. Filed Mar. 9, 1925. Serial No. 14,344. 4 Claims. (Cl. 268—56.)



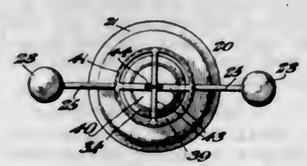
1. In an assembly of the character described, the combination with a door mounted for sliding movement, and a relatively fixed support in proximity to the door, of operative connections between the door and the fixed support for imparting movement to the door, a cushioning device associated with the fixed support and with the operative connections to cushion the operations of the door, and a stop member mounted on the cushioning device and adapted to be engaged by said operative connections for the purpose of arresting movement of the door at a predetermined point.

1,620,431. FILTERING APPARATUS. BALFOUR BRAMWELL, Belfast, Ireland. Filed June 14, 1926, Serial No. 115,900, and in Great Britain Feb. 11, 1925. 11 Claims. (Cl. 210—141.)



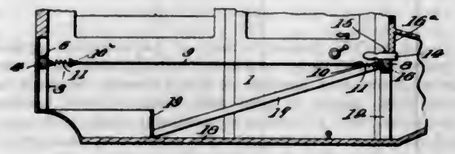
10. Filtering apparatus comprising in combination a filter chamber, a sand and water separator, means for ejecting the filtering material from said filter chamber and discharging it into said sand and water separator and means for maintaining the said separator at a lower pressure than the said filter chamber.

1,620,432. EMERGENCY HEATER. WILLIAM ALLEN BROWN, Philadelphia, Pa. Filed July 23, 1925. Serial No. 45,536. 6 Claims. (Cl. 219—45.)



4. In a device of the character stated, a base having supported thereon a socket, an electric heating element mounted vertically in said socket, an outer cylinder, an inner heat-resisting cone surrounding said heating element, means for securing the upper and lower ends of said cylinder and cone in concentric position, and branches extending from said base on each side of said cylinder and forming supports for electric lights.

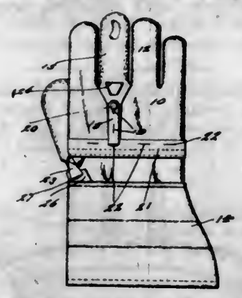
1,620,433. COT FOR AUTOMOBILES. WALTER C. BYRE, Knoxville, Tenn. Filed Aug. 29, 1925. Serial No. 53,312. 3 Claims. (Cl. 5—118.)



1. A cot for automobiles comprising front and rear end frames connected by flexible strips, means for supporting the rear frame, legs carried by the front frame and resting on the floor board of the automobile, and projections carried by said front frame and extending under the lower edge of the instrument board and freely contacting therewith to hold the cot against upward movement.

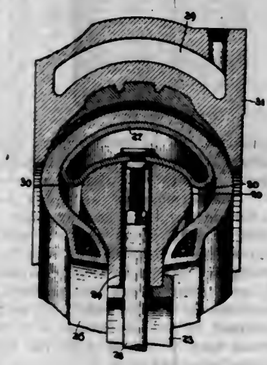
1,620,434. GLOVE. EVERETT BURDEN, East Liverpool, Ohio. Filed Feb. 26, 1924. Serial No. 695,814. 5 Claims. (Cl. 2—163.)

1. The combination with a glove, of removable reinforcing finger members, a reinforcing strip extending transversely across the glove and having spaced slits therein, tabs carried by the reinforcing members for



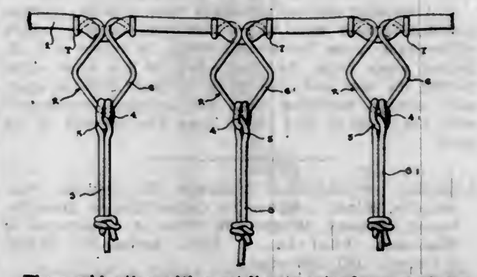
passage through the slits and means to secure the tabs in looped formation after the tabs are passed through the slits.

1,620,435. AIR BAG. RICHARD S. BURDETTE, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed May 23, 1925. Serial No. 32,389. 4 Claims. (Cl. 18—45.)



4. A flexible core for use in vulcanizing tire casings comprising an annular member of crescent shaped cross section having cord fabric reinforcements disposed transversely of a rubber envelope, cross woven fabric disposed on the inner circumference and enclosing the cusps of the envelope, a valve secured to the envelope and fabric reinforcements for the valve disposed diagonally of the annular member, the entire assembly being vulcanized to form a unitary structure expansible in a circumferential direction.

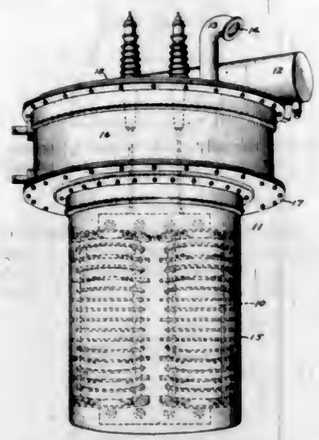
1,620,436. STAGGING HOOK. CHARLES C. BURMEISTER, Davenport, Iowa. Filed Aug. 25, 1925. Serial No. 52,341. 1 Claim. (Cl. 43—28.)



The combination with a set line to extend across stream, of a fishing line having an attached stagging hook, said

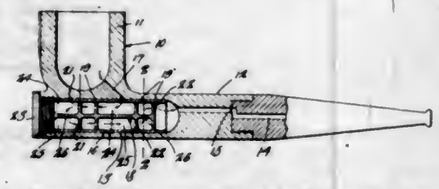
hook consisting of a loop with its arms provided with ram's horns extending spirally in directions away from each other, whereby upon imparting several twists to the hook, first one and then the other of the ram's horns may be connected to the set line.

1,620,437. TRANSFORMER. LOCKE H. BURNHAM, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Apr. 14, 1925. Serial No. 23,118. 3 Claims. (Cl. 175—361.)



1. The combination of a transformer with a casing adapted to contain a body of oil for immersion of the transformer, said casing comprising a lower portion containing said transformer and an upper portion overhanging the lower portion, and cooling pipe coils in the overhanging part of said upper portion, said coils surrounding a central space of sufficient size to permit removal therethrough of said transformer wtihout disturbing said coils, said lower casing section being connected to said upper section by a separable joint and having its upper edge arranged to fit and receive a cover, whereby said lower section may be closed with the upper section and cooling coils removed.

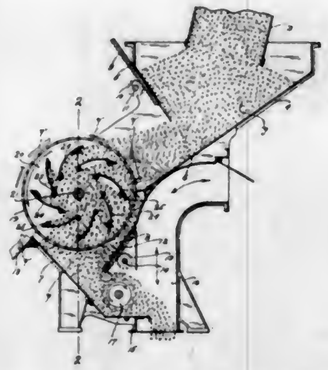
1,620,438. SMOKING PIPE. JOSEPH F. BUSHEE, Jersey City, N. J. Filed June 12, 1925. Serial No. 36,731. 2 Claims. (Cl. 131—12.)



1. A smoking pipe comprising a bowl, a stem, a recess provided in said stem, and a removable member seated within said recess for causing smoke to travel in a direction away from the mouthpiece of the stem after leaving the bowl and prior to its entrance into the stem, said member including disks for scraping engagement with the walls of said recess upon the removal of the same.

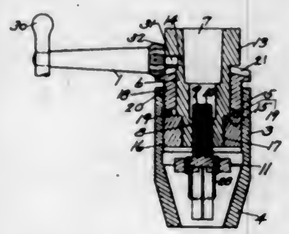
1,620,439. SCALPER. CLARENCE W. CARTER, Minneapolis, Minn., assignor to Carter-Mayhew Manufacturing Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Jan. 8, 1926. Serial No. 79,984. 6 Claims. (Cl. 209—285.)

1. In a scalping machine, an endless travelling screen, means for delivering commingled stock against said screen, flow-restraining baffle plates located within said screen and spaced in the direction of the travel thereof, said baffle plates being obliquely set in respect to the direction of travel, and means for imparting travelling movement



to said screen, whereby said baffle plates will retard the flow of the stock delivered against said screen and said screen will fall over large and long foreign substances while the main stock will pass through said screen and between said baffle plates.

1,620,440. DRILL CHUCK. GEORGE W. CARY, Greenfield, Mass., assignor to Goodell Manufacturing Company, Greenfield, Mass., a Corporation of Massachusetts. Filed Jan. 9, 1926. Serial No. 80,346. 6 Claims. (Cl. 279—60.)

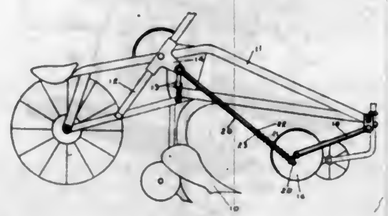


1. In a drill chuck, a body, a jaw-carrying member carried by said body, outwardly spring-pressed jaws supported from said member, a sleeve loosely mounted on said body, means to hold said sleeve against endwise movement, and a shell in engagement with said sleeve and having a conical part with which said jaws are in engagement, said body and jaw-carrying member being provided with means to cause said member to be moved lengthwise of its axis, when said shell with said jaws is rotated in either direction, and the engagement between said jaws and sleeve being by friction only whereby both said jaws and sleeve rotate together to cause the jaws to move in and out of the sleeve.

1,620,441. RIDGE-SPLITTER ATTACHMENT. LEON W. CHASE, Lincoln, Nebr., assignor to Chase Plow Company, Lincoln, Nebr., a Corporation of Nebraska. Filed Nov. 18, 1925. Serial No. 69,921. 3 Claims. (Cl. 97—140.)

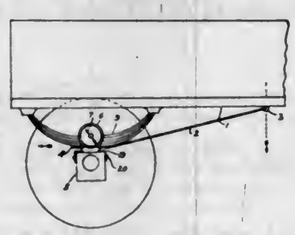
1. An attachment for two rows lister plows, said attachment including a rearwardly and downwardly inclined support, said support being adapted to be detachably se-

cured at its upper extremity to the front transverse beam of the lister plow frame and in pivotal relation therewith, furrow guiding means secured to said support at its lower extremity, a brace slidably secured in said support and extending rearwardly and upwardly therefrom, a coil



spring surrounding said brace and bearing against said support for yieldably holding said furrow guiding means in operative position, and means on said brace for securing said brace to the plow raising and lowering lever of the implement.

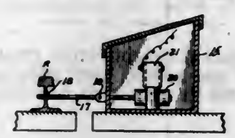
1,620,442. LOAD-INDICATING MECHANISM. WILLIAM JOHN COBB, Mokameh, British India, assignor of one-half to Hugh William McGuire, Bengal, British India. Filed May 17, 1926, Serial No. 109,794, and in British India Apr. 6, 1925. 5 Claims. (Cl. 265—42.)



1. In a weighing mechanism, the combination, with a vertically-movable receiving element, a stationary supporting element disposed beneath the receiving element and at one side of its center, and spring means intermediate said elements and connected with the same; of mechanism for indicating the weight of the material in the receiving element during loading, comprising an indicator and a downwardly-inclined operating rod therefor constituting companion parts, one of which is directly attached to the central portion of the supporting element and the other to the under face of the receiving element at its central portion; the rod having a pivotal mounting at one end and having at its other end a substantially horizontal member, whereby the descent of the receiving element toward the supporting element as loading proceeds will cause said rod to swing in a vertical plane about its pivoted end and its horizontal member to move endwise relatively to the indicating device; and means interposed between said horizontal member and said indicating device for transmitting the endwise movement of the former to the latter.

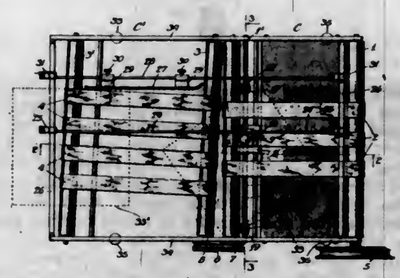
1,620,443. AUTOMATIC SWITCH. JULIUS D. COLLINS, Vineland, N. J. Filed Oct. 28, 1922. Serial No. 597,635. 1 Claim. (Cl. 246—251.)

A switch structure for controlling the operation of railway gates, comprising in combination with a railway rail, a pair of spaced contacts, a lever having one end thereof extending freely thru the web of one of the rails, forming an accident proof and positively operating connection independent of slight lateral movement of the rail, means for pivotally supporting the lever independent of the rail or its mounting means, a bridging member carried by that end of the lever free from engagement



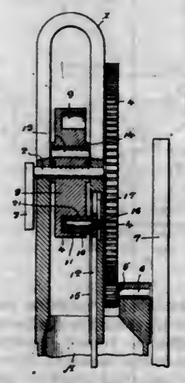
with the rail and movable in an unobstructed path into bridging engagement with said contacts upon depression of the rail by the weight of a train thereon.

1,620,444. FOLDING MACHINE. WILLIAM WARD DAVIDSON, Evanston, Ill., assignor to Davidson Manufacturing Company, Madison, Wis., a Corporation of Wisconsin. Filed Mar. 3, 1926. Serial No. 91,945. 15 Claims. (Cl. 270—81.)



6. A folding machine as specified in claim 1, in which the turning means comprises a rotatable member in association with the conveying means, and supporting means therefor, constructed and arranged to hold the sheet traversing said turning means in contact with said conveying means and to permit turning thereof, and a stud positioned at a distance from said rotatable member which projects into the path of movement of the conveyed sheet.

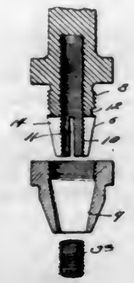
1,620,445. CAM DEVICE. WILLIAM MONROE DENSMORE, Montevideo, Minn., assignor of one-half to William Monthe, Montevideo, Minn. Filed May 19, 1926. Serial No. 110,290. 2 Claims. (Cl. 74—14.)



1. Transmission means comprising a shaft, means for rotating the same, a disk eccentrically mounted on the shaft and having a ring-shaped groove therein, a re-

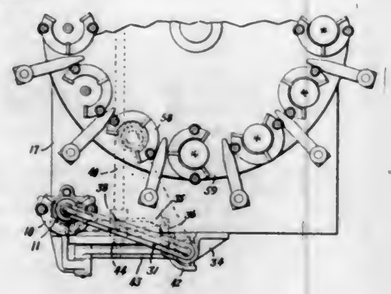
ciprocatory member, a projection thereon engaging the groove, said disk having a plurality of holes therein for receiving the shaft so that the stroke of the reciprocatory member can be adjusted.

1,620,446. INTERNAL-COMBUSTION ENGINE. HARRY E. DICKINSON, San Antonio, Tex. Filed Apr. 29, 1925. Serial No. 26,720. 1 Claim. (Cl. 123—90.)



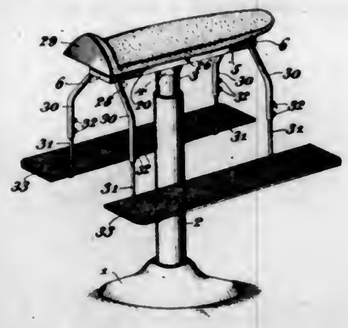
Valve operating mechanism for internal combustion engines including a valve operating element subject to repeated impactive blows, longitudinally delivered, said element comprising a socketed section and a section telescoping therein, said sections being threadedly interengaged for varying the length of said element, said socketed section being formed with a tapered lower end longitudinally slotted at a plurality of points forming yielding jaws substantially surrounding the other section, for exerting resilient pressure laterally thereagainst from different directions, said socketed section being provided with a groove extending circumferentially thereabout adjacent the bases of said slots, and a nut having an internal taper of corresponding pitch to the tapered end of said socketed section, surrounding said other section and threadedly engaging said socketed section for drawing said jaws together in clamped relation to said other section.

1,620,447. APPARATUS FOR MAKING INCANDESCENT LAMPS AND SIMILAR ARTICLES. JOHN F. DONOVAN, East Cleveland, Ohio, assignor to General Electric Company, a Corporation of New York. Filed Apr. 9, 1925. Serial No. 21,952. 7 Claims. (Cl. 176—2.)



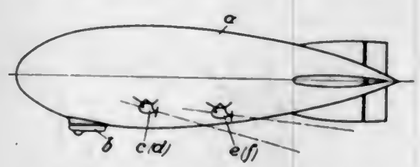
1. The combination of a machine for printing a mark on bulbs, a second machine for performing another operation on said bulbs, a transfer mechanism comprising means for automatically removing bulbs from said printing machine and delivering them to said second machine and means whereby the operation of said transfer mechanism is timed so that a portion thereof contacts with said bulb during the printing operation.

1,620,448. SADDLE SEAT. ALEXANDROS DOURDOUFIS, Philadelphia, Pa. Filed Apr. 10, 1925. Serial No. 22,031. 5 Claims. (Cl. 155—122.)



2. A saddle seat structure comprising, in combination, a base portion, a seat portion, means for slidably interlocking the said portions, and foot-boards adjustably supported upon the opposite sides of the said base portion.

1,620,449. AIRSHIP. LUDWIG DÜRR, Friedrichshafen, Germany, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Filed July 15, 1925, Serial No. 43,833, and in Germany July 31, 1924. 6 Claims. (Cl. 244—6.)



1. An airship comprising a hull; and a power car suspended from said hull in fixed relation thereto; the axis of said power car being vertically inclined so that said axis and the axis of said hull diverge towards the ship's tail.

1,620,450. CHANGEABLE SIGN. HARRY H. EARLY, Oshkosh, Wis. Filed Jan. 20, 1926. Serial No. 82,513. 3 Claims. (Cl. 40—65.)

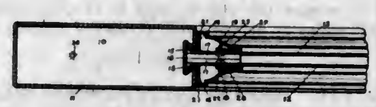


1. A changeable sign comprising a holder, and two slides movable longitudinally therein and each of shorter length than the holder to enable the adjacent ends of the slides to be moved past one another without withdrawing the slides from the holder, the slides having characters on the same sides thereof and being shiftable in the holder to enable either slide to overlap the side of the other slide having the characters, and the holder having an opening to expose one character of either slide.

1,620,451. METAL DOOR. EDWARD H. ELLISON and AUGUST W. BECKSTROM, Jamestown, N. Y., assignors to The Ellison Brass Manufacturing Co., Inc., Falconer, N. Y., a Corporation of New York. Filed Mar. 12, 1925. Serial No. 15,074. 3 Claims. (Cl. 189—46.)

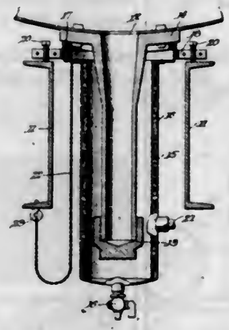
1. A metal door including a one piece stile, the ends of which stile are at the inner edge thereof and are bent

away from each other, separate panels, each provided with blocks which project beyond the edges of the panels into the space between the ends of said stile and a key



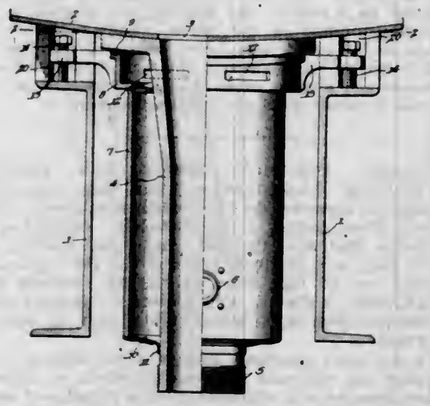
engaging said bent ends and clamping said blocks between the ends of the stile, thus fixing said panels in said stile.

1,620,452. HEATING HOOD FOR TANK-CAR OUTLETS. EDWARD A. FALL, Rutherford, N. J. Filed Aug. 2, 1922. Serial No. 579,230. 12 Claims. (Cl. 137—72.)



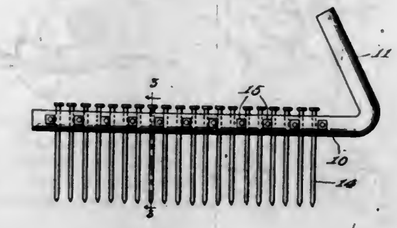
1. The combination with a tank car having an outlet extending downward from its body, and a removable closure for the lower end of said outlet, of a hood surrounding said outlet and forming therewith an annular chamber closed at its lower end, a fluid inlet extending through a wall of the hood, and means independent of the tank body and outlet for supporting the hood.

1,620,453. TANK CAR. EDWARD A. FALL, Rutherford, N. J. Filed June 27, 1923. Serial No. 648,171. 17 Claims. (Cl. 257—207.)



8. The combination with a tank car having an outlet for the contents of the tank depending from the tank body, a sleeve supported about the tank outlet with its upper end forming a fluid tight joint with the tank bottom, means closing the space between the lower end of said sleeve and the adjacent wall of the tank outlet, said sleeve being provided with an inlet for a heating medium and a discharge aperture for such medium, and means for conducting the heating medium from said discharge aperture along the bottom of the tank.

1,620,454. SAW. ROY FARREN, Lake Worth, Fla. Filed June 26, 1925. Serial No. 39,814. 1 Claim. (Cl. 125—18.)



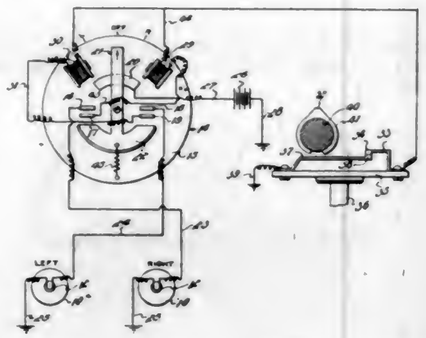
In a saw for cutting cement blocks, bricks, tile and the like the combination with a back constructed from the length of pipe, said pipe having a handle at one end, said pipe being split longitudinally and provided with spaced openings, the split extending centrally across the diameter of the openings, of a plurality of pointed elements positioned within the openings and extending through the pipe and having substantially long resilient portions constituting teeth, and means passing through the pipe at right angles and intervening certain of the openings to connect the split portions of the pipe, the teeth being slightly larger in diameter than the diameter of the openings, whereby upon tightening up the connecting means of the split portions, the teeth may be clamped tightly in place.

1,620,455. REMINDER CLOCK. CHESTER R. GAINS, Muscatine, Iowa. Filed May 27, 1926. Serial No. 112,106. 9 Claims. (Cl. 161—6.)



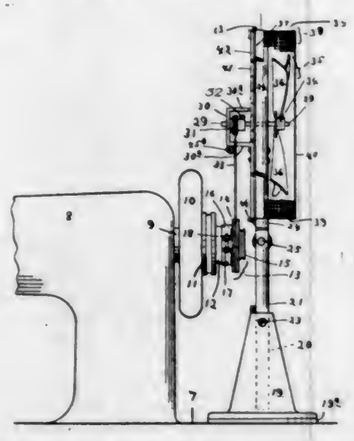
1. In a reminder clock, an enclosing casing having a view opening, alarm tripping means including a clock-driven control member instrumental to trip the alarm when said control member arrives at a predetermined position, an indicating dial rotatable simultaneously with said control member and mounted on an axis offset from said view opening, the peripheral portion of said dial extending behind said view opening and bearing all time interval numbers necessary in setting said control member, said numbers being successively visible through said view opening, a fixed pointer co-operable with said time interval numbers to permit proper setting of the control member, and a setting knob for said control member disposed at the exterior of the casing and offset from said view opening to prevent obscuring said time interval numbers or said pointer when setting the control member.

1,620,456. TRAFFIC-SIGNAL SWITCH. JOSEPH M. GALLUS and JACOB J. SCHEITS, Wrightstown, N. J. Filed Nov. 20, 1922. Serial No. 602,131. 1 Claim. (Cl. 200—87.)



A switch of the character described comprising a dielectric base, a substantially pendulum switch arm of magnetic material pivotally secured midway its ends and centrally on said base, said switch arm being formed with a curved portion at one end, a coil spring having its respective ends secured to the base and the curved portion to hold said switch arm in a normal inactive position, an arcuate shaped contact member secured to said base and adapted to be engaged by said arm, the opposite ends of said curved portion providing contacts, spaced pairs of contact members arranged in the path of the opposite ends of the curved portion and in a manner whereby the ends of the curved portion engage each contact of one pair simultaneously, electromagnets arranged in the path of the end of said arm opposite the curved portion thereof, and means extending laterally from the last mentioned end of said arm for arranging the latter in contact with either pair of contacts and either electromagnet whereby the latter will hold said arm therewith.

1,620,457. MACHINE-OPERATED PORTABLE FAN. HECTOR GATTI, Chicago, Ill. Filed Mar. 31, 1923. Serial No. 629,130. 1 Claim. (Cl. 230—9.)

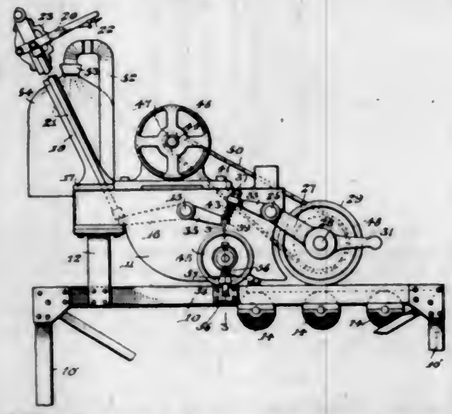


A rotary fan for actuation by a sewing machine motor, comprising a weighted base adapted to be supported on a sewing machine table, a stem engaging the base and adjustable vertically relatively thereto, a fan head arranged for angular adjustment relatively to the stem, a fan shaft journaled in said head and carrying a fan, a pulley on said shaft adapted to be belt geared to a pulley driven by the sewing machine motor, and guide rollers to engage the belt to hold it in gear with the fan shaft pulley at different inclinations of the fan head.

1,620,458. PROCESS OF IMPROVING MILLING PRODUCTS. HENRI C. J. H. GELISSEN, Rijswijk, Netherlands, assignor, by mesne assignments, to Novadel Process Corporation, Buffalo, N. Y., a Corporation of New York. Filed May 3, 1926, Serial No. 106,534, and in the Netherlands Mar. 11, 1925. 10 Claims. (Cl. 99—10.)

1. A method of improving a quality of a milling product of the character used in panification which comprises the step of forming in such milling product, a peroxid compound capable of improving a quality of said milling product.

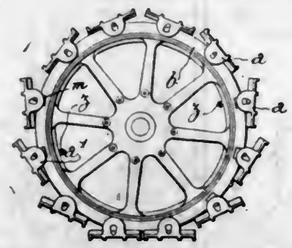
1,620,459. SURFACING MACHINE. LESTER H. GRAY, Portage, Pa. Filed Feb. 28, 1925. Serial No. 12,406. 1 Claim. (Cl. 51—78.)



The combination with a surfacing element having a housing and carrier wheels, of a support comprising a frame having legs, brackets on the top of said frame, clamps on a pair of said brackets and adapted to embrace the treads of the carrier wheels to fasten the same to the top of said frame, a bearing plate on the other bracket for supporting the rear of said surfacing element and a series of idler rollers positioned on said frame to co-act with the surfacing element.

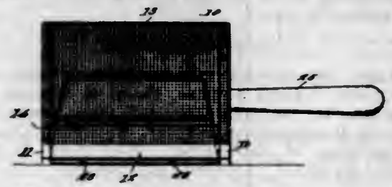
1,620,460. TRACTION DEVICE FOR VEHICLE WHEELS. LUIGI GUERRINI, Milan, Italy, assignor to Société Anonyme des Dispositifs d'Adhérence Guerrini, Paris, France, a French Society. Original application filed Jan. 12, 1921, Serial No. 436,752, and in Italy Apr. 16, 1918. Divided and this application filed Apr. 17, 1922, Serial No. 554,175. Renewed Mar. 29, 1926. 3 Claims. (Cl. 305—13.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)

2. An easily removable tractive device adapted to be applied and tightened upon vehicle wheels of different sizes, comprising a belt made up of a plurality of parts, each of said parts comprising a series of hingedly connected members, and connecting parts of variable lengths carried by the free end members of each of said series of members for connecting the parts of said belt together and serving to vary the length of the belt and also to stretch said belt upon the wheel, a series of traction members mounted, respectively, on said hingedly-connected members, one of said series of members having mixtilinear holes and the other series of members



carrying pins cooperating with said holes for loosely attaching the traction members to the belt and for cogging the wheel with the belt.

1,620,461. FLYTRAP. RAYMOND J. HARRIS, Houston, Tex. Filed Jan. 23, 1926. Serial No. 83,272. 7 Claims. (Cl. 43—134.)



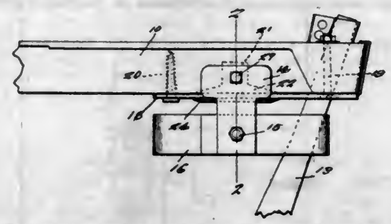
3. A fly trap comprising a receptacle having an opening therein, a member open at its opposite ends and having relatively inclined walls extending inwardly from the receptacle opening and defining an entrance passage, a gravity closed door for the inner end of the passage, means to hingedly connect one edge of said member at one edge of the opening of the receptacle and means to hold said member in position within said opening.

1,620,462. CONTROLLING DEVICE FOR BALLAST CONTAINERS IN AIRSHIPS. ERICH HILLIGARDT, Akron, Ohio, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschraenkter Haftung, Friedrichshafen, Germany. Filed Sept. 30, 1925, Serial No. 59,453, and in Germany Oct. 11, 1924. 3 Claims. (Cl. 244—3.)



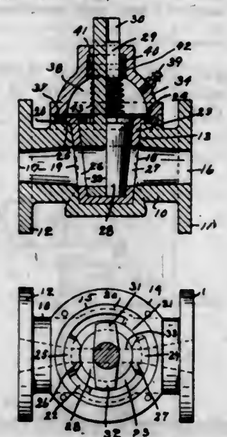
1. In an airship a container for ballast, a control car situated remote from said ballast container; an electric contact arrangement adapted to be operated by pressure resulting from the contents of said container and means for operating an indicator depending on said electric contact.

1,620,463. CHECKSTRAP HOLDER. ALBERT C. HUDGENS, Greenwood, S. C., assignor to Loom Lay Patch Company, Greenwood, S. C., a Corporation of South Carolina. Filed Oct. 26, 1925. Serial No. 64,979. 2 Claims. (Cl. 139—161.)



1. In combination with a loom lay and a check strap holder, a combined attaching and reinforcing plate extending longitudinally of the underside of one end of the lay, a lug extending from the plate into the lay and a fastening device connecting the strap holder and lug.

1,620,464. BLOW-OFF COCK. OMER HUFF, Fresno, Calif. Filed June 22, 1925. Serial No. 38,625. 4 Claims. (Cl. 277—41.)

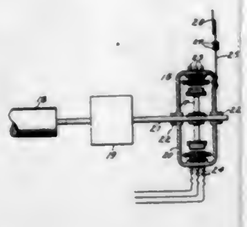


1. A blow-off cock comprising a body member; a vertically extending, downwardly tapering recess in said body member centrally of the length thereof; longitudinally extending recesses in said body member; an annular recess surrounding the upper end of said vertical recess; a hollow cup revolubly mounted in said vertical recess having opposed apertures therein adapted to be brought into registry with said body recesses; a plug revolubly mounted in said cup having an aperture therethrough adapted to be brought into registry with the apertures in said cup; an annular ring mounted in said annular recess provided with oppositely disposed, inwardly projecting stops; outwardly projecting lugs on the upper end of said cup adapted to engage the stops on said ring; radially extending projections on said plug adapted to engage the lugs on said cup, whereby said cup and plug are rotated in unison; and means to rotate said plug.

1,620,465. DISPLACEMENT-RESPONSIVE DEVICE. ERNEST E. JOHNSON, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 5, 1925. Serial No. 67,141. 1 Claim. (Cl. 171—119.)

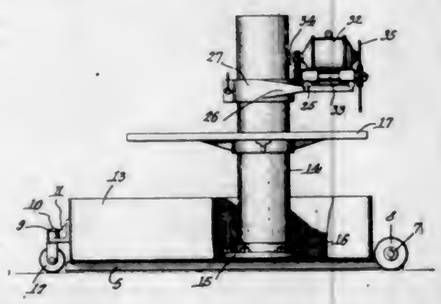
In combination with a main synchronous dynamo electric machine, means responsive to the displacement angle

thereof comprising an auxiliary synchronous dynamo electric machine having freely rotatable cooperating parts, means for driving one of said parts in a synchronous relation with the rotating member of said main machine, circuits for electrically connecting the alternating current terminals of said machines in parallel relation,



the electrical and mechanical connections between said machines being such as to cause the non-driven part of said auxiliary machine to remain stationary when there is no change in the displacement angle of said main machine, but to rotate in a direction and by an amount dependent upon the direction and extent of change in the displacement angle of said main machine.

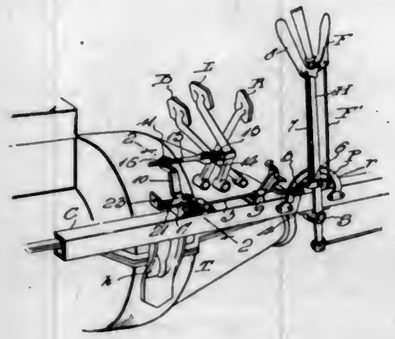
1,620,466. STONE AND MARBLE SAW. WILLIAM JOHN JONES, Carthage, Mo. Filed May 23, 1925. Serial No. 32,468. 1 Claim. (Cl. 125—14.)



In a device of the character described, a wheel supported frame, a tank mounted on the frame, said tank adapted to contain water, a column secured within the tank and rising above the upper edge of the tank, a work supporting table adjustably mounted on the column, a rack on the column, a clamping member, arms extending from the clamping member, a track having connection with the arms, a motor and saw mounted on the track and adapted to move longitudinally of the track, a pinion carried by the clamping member and cooperating with the rack for adjusting the clamping member and track longitudinally of the column, and means for clamping the clamping member into close engagement with the column.

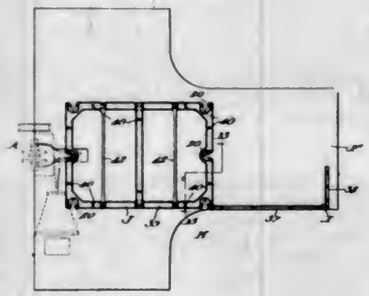
1,620,467. LOW-SPEED-PEDAL ACTUATING AND HOLDING MEANS. WILLIAM J. KIDD, Walnutport, Pa. Filed Dec. 23, 1926. Serial No. 156,640. 3 Claims. (Cl. 74—39.)

1. In an automobile having a low speed pedal, a hand lever behind said pedal for moving the same to neutral and for applying hub brakes, and means for holding said lever in adjusted position; an actuator for said pedal operatively connected therewith and mounted for forward and rearward movement, means for connecting said actuator with said hand lever to utilize rearward move-



ment of the latter for moving the pedal into low, and hand-actuated means on said hand lever for releasing said connecting means.

1,620,468. MECHANISM FOR SETTING CARPET FASTENERS. GEORGE A. KING, FRANK E. WARNER, and EMERSON H. TOMPKINS, Waterbury, Conn., assignors to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Apr. 4, 1925. Serial No. 20,711. 8 Claims. (Cl. 218—6.)

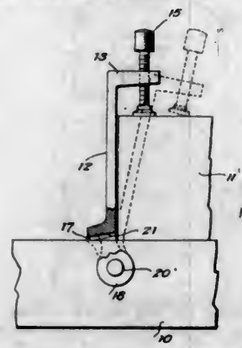


7. Mechanism for setting carpet and the like fasteners, including a setting machine having a fastener setting mechanism provided with an anvil, a fastener supporting surface on said anvil, a table arranged at a predetermined distance below the fastener supporting surface of the anvil, a template adapted to carry an article upon which fasteners are to be set, said template having means for supporting it at a height above said table substantially coincident with the fastener supporting surface of said anvil, and cooperating means on said anvil and template whereby said article may be positioned in predetermined relation to said setting mechanism.

1,620,469. CLAMP. SAMUEL R. KIRKHOFF, Stowe, Pa. Filed Sept. 12, 1925. Serial No. 56,065. 1 Claim. (Cl. 144—297.)

A clamp for use in associating straight edges and spirit levels comprising a relatively flat bar having its upper free end substantially offset and a vertically disposed adjusting screw provided within the free end thereof, the lower end of the bar being substantially enlarged

and bifurcated for straddling the upper surface of the straight edge, fastening elements in the form of adjusting screws arranged within the opposite sides of the bifurcated portion for engagement with the corresponding side of the straight edge, the under side of the bifurcated portion being substantially inverted V-shaped and for-



wardly and upwardly converged providing knife edges for engagement with the upper surface and edges of the straight edge, and a swiveled disk mounted upon the lower free end of the first mentioned adjusting screw for engagement with the spirit level for rigidly holding the latter upon the upper surface of the straight edge.

1,620,470. ACTUATING ATTACHMENT FOR RIMS. LLOYD L. KLINGAMAN, Kelso, Wash. Filed Mar. 17, 1926. Serial No. 95,398. 1 Claim. (Cl. 157—1.)

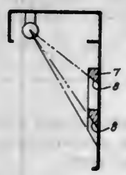
A tire expanding device including an operating lever formed at its intermediate portion with oppositely disposed curved portions, one end of said lever being enlarged and longitudinally notched to form spaced ears, a cross bar connecting said ears, a pair of spaced parallel arranged links having one of their ends pivotally connected to the lever between the oppositely disposed curved portions, a cross bar connecting said links and permanently retaining them in equal spaced relation, a removable pin for insertion into the end of either link opposite its pivoted end and means connecting said pin with the cross bar to prevent accidental loss of same.

1,620,471. TANK. HERMAN F. KOEPPE, Detroit, Mich. Filed Sept. 29, 1926. Serial No. 138,491. 1 Claim. (Cl. 158—46.5.)



The combination with a gasoline supply tank for internal combustion motors, and a curved spring tube having straight ends, one of which is connected to the outlet for the tank and the other end designed to spring into frictional contact with the bottom of the tank and means for raising the last mentioned end, including a headed member having an elongated opening through which the last mentioned end of the tube is freely passed, a threaded shank extension on said headed member, a socket screwed on the stem, said socket having a reduced part that passes through the top of the tank, a dial on the tank surrounding the last mentioned part of the socket member and a head removably secured on the last mentioned part of the socket member and disposed over the dial.

1,620,472. ILLUMINATED SIGN. EDWARD J. KREISS and CHARLES F. KREISS, Buffalo, N. Y., assignors to Kreiss Sign Co., Inc., Buffalo, N. Y. Filed May 1, 1926. Serial No. 106,037. 3 Claims. (Cl. 40—130.)



1. An illuminated sign using raised letters, comprising, in combination with a housed overhead source of light and a display panel having a light background, raised symbols mounted on the background of said panel having their lower side wall areas inclined towards the source of light substantially at the angle of the incident light ray to expose said side wall areas to the source of light and avoid symbol-blurring shadows being cast from said symbols onto said background by said source of light.

1,620,473. ILLUMINATED SIGN. EDWARD J. KREISS and CHARLES F. KREISS, Buffalo, N. Y., assignors to Kreiss Sign Co., Inc., Buffalo, N. Y. Original application filed May 1, 1926, Serial No. 106,037. Divided and this application filed Aug. 4, 1926. Serial No. 127,014. 3 Claims. (Cl. 40—130.)

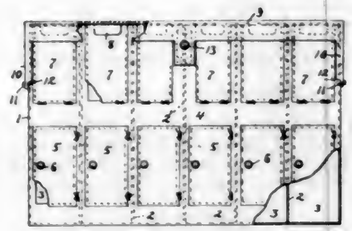


1. An illuminated sign comprising, in combination with an overhead source of light, a panel having a light background onto which the light rays are directed from the source of light, and a plurality of raised letters mounted on the light background to receive the light rays at a shadow-casting angle, the marginal portions of said letters being beveled to reduce the casting of shadows by the light rays, said beveled marginal portions of said letters having a high light surface on which the light rays from said overhead source are directed for sharpening the outlines of the letters against the reduced shadows cast.

1,620,474. GANG MAIL BOX. HOMER KRICK, Fort Wayne, Ind., assignor of one-half to Edward N. Harber, Fort Wayne, Ind. Filed June 30, 1924. Serial No. 723,419. 2 Claims. (Cl. 232—25.)

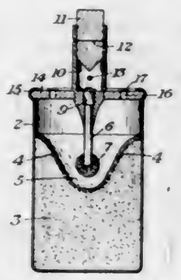
1. A gang mail box comprising a case having a series of compartments; a series of receiving doors hinged to swing outwardly and downwardly, one for each of said compartments and being independently operable; a hinged cover on the case having limited movement, and being

operable to sustain said receiving doors in open position, and to close said doors collectively when said cover is moved to closed position; a lock controlling said cover;



and a series of individually lock controlled removal doors, one for each of said compartments, each being operable independently of said cover.

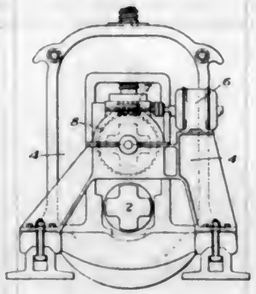
1,620,475. HAND GRENADE. RUBEN B. LAWRENCE, Bellevue, Pa., assignor to Federal Laboratories, Inc., Pittsburgh, Pa., a Corporation of Delaware. Filed Mar. 7, 1924. Serial No. 697,495. 1 Claim. (Cl. 102—29.)



A grenade comprising a container, a solidified mass of ignitible material therein adapted to emit a gas upon ignition, the mass having an exposed surface with a depression therein so as to give a greater exposed area than the cross sectional area of the container, and igniting means supported by the container and operable from outside the same for igniting the material at such surface, the igniting means being spaced away from the surface of the ignitible material.

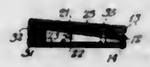
1,620,476. ROLLING MILL. LEIF LEE, Youngstown, Ohio. Filed Aug. 30, 1920. Serial No. 406,946. 14 Claims. (Cl. 80—54.)

14. The combination with a roughing mill of a finishing mill, said mills having their rolls in end to end relationship and having a single throw distance between the respective passes of the mills, a gear reduction intermediate the mills and operatively connected to the top roll of one of the mills, and means offset laterally relatively to the gear reduction and mills for driving the gear reduction, said means comprising an electric motor



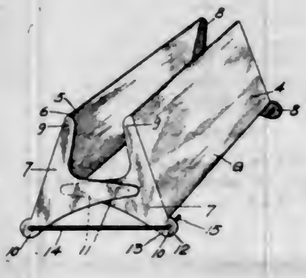
operative for driving the top roll at a lower speed than that at which the bottom roll is driven, substantially as described.

1,620,477. SHIRT NECKBAND AND METHOD OF MAKING THE SAME. PHILIP LEICHTER, New York, N. Y. Filed June 25, 1926. Serial No. 118,408. 10 Claims. (Cl. 2—127.)



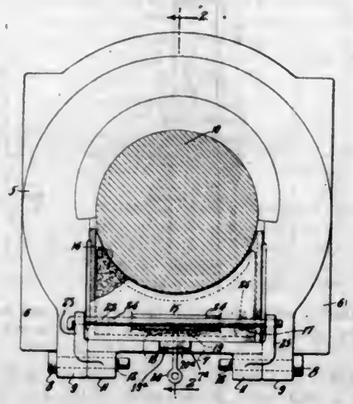
2. The method of making a neckband of a single blank comprising folding the blank to form a straight upper edge and seaming the blank along a line of predetermined shape spaced at varying distances from the upper edge of the blank and then reversing the blank about the seamed edge for giving the upper edge the predetermined shape.

1,620,478. TIRE HOLDER. FREDERICK A. LIND, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Aug. 10, 1923. Serial No. 656,663. 2 Claims. (Cl. 211—24.)



1. A tire holder consisting of two substantially similar units each comprising a side member and two end members disposed substantially normally thereto, each of said end members being provided with a tire clamping portion, a weight supporting portion, and a supporting leg portion at the lower extremity thereof having an arcuate end portion, and means pivotally attached to the centers of the arcs formed by the end portions to connect the two units.

1,620,479. LUBRICATOR. FREDERICK W. MARTIN, Brooklyn, N. Y., assignor to Franklin Railway Supply Company, a Corporation of Delaware. Filed Oct. 12, 1923. Serial No. 668,049. 5 Claims. (Cl. 308—88.)



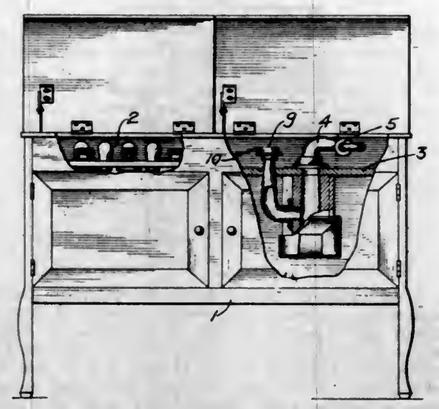
1. The combination with an axle box, its lubricating cellar, and the follower plate of the latter, of means for securing the cellar in the box, and means for removing the follower tension from the axle for insertion of the cellar in the box, said means being adapted to interfere with said securing means, so that the cellar cannot be secured until the tension has been established on the axle.

1,620,480. HANDLE FOR TOOLS. WILLIAM HOWARD MATTHAI, Baltimore, Md., assignor to The Homeland Mfg. Co., Baltimore, Md., a Corporation of Maryland. Filed Aug. 5, 1926. Serial No. 127,316. 2 Claims. (Cl. 294—49.)



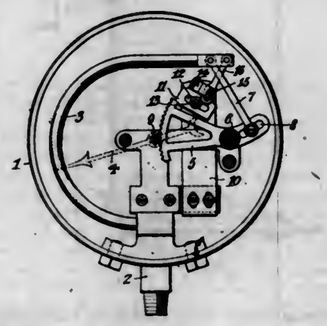
1. A hand tool having a tool-portion with a tubular handle extending laterally therefrom said tubular handle having a longitudinal seam extending to the outer end and at a point diametrically opposite the seam the extreme end of said tubular handle being made longer than the remainder thereof so as to provide material to form an end flap,—said end flap extending over the open end and across the axis of the tubular handle and lying in a crosswise position spaced beyond the outer end of the longitudinal handle-seam and also spaced beyond the rear edge of the shorter end portion of the handle-end.

1,620,481. COMBINED RADIO AND PHONOGRAPH APPARATUS. FRED G. MAYER, Richmond, Ind., assignor to Starr Piano Company, Richmond, Ind., a Corporation of Indiana. Filed June 24, 1924. Serial No. 721,976. 2 Claims. (Cl. 179—100.1.)



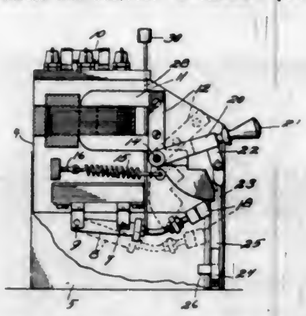
1. In a combined radio and phonograph apparatus, the combination of an amplifying horn, a radio loud speaker unit, a phonograph sound box, a tone arm permanently connecting said sound box with said amplifying horn, a tube permanently connecting said loud speaker unit with said amplifying horn and having substantially the same internal capacity as said tone arm whereby sympathetic vibrations are set up in the confined column of air in either said tone arm or said tube depending upon whether the vibrations originate in the loud speaker unit or in the sound box.

1,620,482. PRESSURE GAUGE. BERT MCCLELLAND, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y., a Corporation of Pennsylvania. Filed Nov. 18, 1921. Serial No. 516,012. 6 Claims. (Cl. 73—109.)



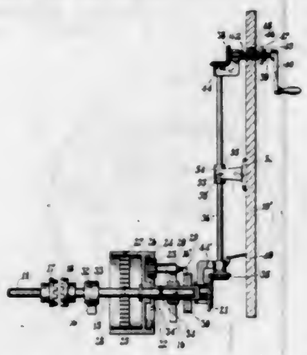
1. In a pressure gauge, the combination with a pointer, a Bourdon tube and intermediate means for imparting to the pointer movements corresponding to all of those of the tube under the influence of varying pressures, of a freely swinging link pivoted to the end of the Bourdon tube, and a fixed stop, said link being constructed for such engagement with said stop as to be capable of having a free movement of limited extent with relation to said stop which arrests the normal movement of the link and the tube at the end of such limited movement, whereby a further increase of pressure imparts to the tube at the pivotal point of the link, a movement in an arc of which the fixed stop is the center.

1,620,483. AUTOMATIC ALTERNATING-CURRENT CUT-OUT DEVICE FOR POLYPHASE CIRCUITS. MILOS N. MIKULIC, Kansas City, Mo. Filed June 3, 1922. Serial No. 565,703. 2 Claims. (Cl. 200—87.)



2. An automatic cut-out device for polyphase circuits comprising a normally open switch operative to close the circuit simultaneously through all its phases, an electromagnetic device included in each phase of the circuit, an independent armature associated with each of said electromagnetic devices, said armatures being each movable from a position some distance away from said switch into engagement with the latter, whereby each armature is operative automatically on release from its corresponding electromagnetic device to strike the switch and actuate the same by impact into open position, manually operable means for simultaneously reengaging said armatures with said electromagnetic devices and simultaneously actuating said switch into closed position, and an independent manually operable device for actuating said switch into either open or closed position.

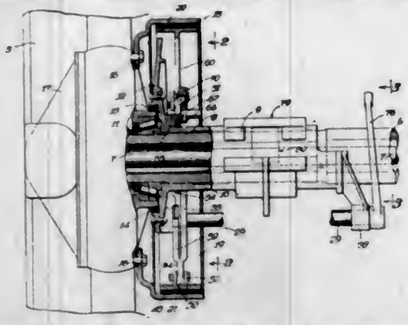
1,620,484. AUXILIARY MOTOR-DRIVE MECHANISM FOR PLAYER PIANOS. FRANCESCO MINUTILLO, New York, N. Y. Filed Nov. 6, 1924. Serial No. 748,044. 5 Claims. (Cl. 185—41.)



1. A spring motor, with associated transmission mechanism, for player pianos, or the like, comprising a shaft, a second shaft arranged to have a driving relation with the first shaft upon longitudinal movement of said second shaft in one direction, a spring motor for driving said second shaft, and a common means for winding said motor and moving the said second shaft longitudinally.

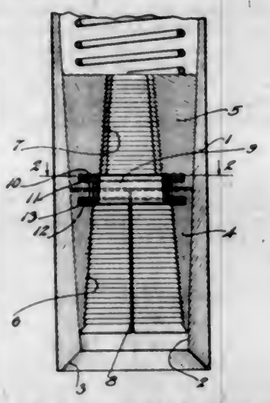
1,620,485. VEHICLE BRAKE. WILLIAM T. NORTON, Jr., Chicago, Ill. Filed Dec. 24, 1921. Serial No. 524,588. 10 Claims. (Cl. 188—78.)

1. In combination, a wheel, an axle for carrying the said wheel, a brake drum on said wheel, brake members selectively operable along substantially the same circumferential path on said drum, means for supporting and operating said brake members, said means permitting removal of the brake members from the wheel and axle without



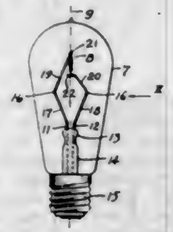
necessitating axial movement of the wheel, and means for applying said members uniformly to the drum.

1,620,486. MULTIPLE SUCKER-ROD SOCKET. WALTER A. O'BANNON, Tulsa, Okla. Filed Apr. 21, 1926. Serial No. 103,601. 8 Claims. (Cl. 294—102.)



1. A slip unit for sucker rod sockets composed of upper and lower sections, and separate annular means surrounding the contiguous ends of the section for connecting one to the other for vertical movement together but permitting relative independent movement laterally.
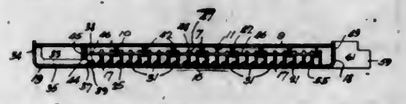
1,620,487. FILAMENT SUPPORT FOR SERIES LAMPS. ARTHUR LESTER POWELL, Bloomfield, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Dec. 19, 1921. Serial No. 523,262. 3 Claims. (Cl. 176—39.)



1. An incandescent electric lamp having leading-in wires, a coiled filament, said leading-in wires being bent to angular form to provide relatively long lever members,

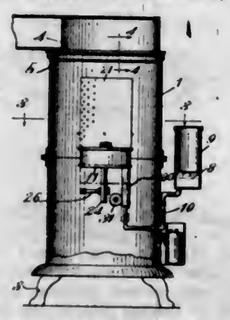
portions at the free ends of said members being positioned at right angles to each other and in spaced relation and having said filament secured to said ends.

1,620,488. STOKER-SIDE-WALL CONSTRUCTION. HERBERT E. PRESTON, Philadelphia, Pa., assignor to American Engineering Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 9, 1924. Serial No. 754,704. 20 Claims. (Cl. 110—75.)



1. An air back comprising a chamber having a plurality of walls, one of which comprises a plurality of sections, another wall having a plurality of recessed portions, a plurality of said sections having recessed portions, and a sectional locking element positioned in said recessed portions.

1,620,489. OIL STOVE AND ELECTRICAL IGNITING MEANS. DAVID R. PRICE, Wellesley, Mass., assignor to Florence Stove Company, Gardner, Mass., a Corporation of Massachusetts. Filed Apr. 15, 1924. Serial No. 706,770. 8 Claims. (Cl. 175—115.)

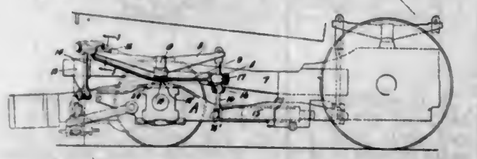


1. A heater comprising a burner bowl having a wick therein, a tank supplying fuel to said wick, an auxiliary wick within said first mentioned wick for isolating a portion of the fuel, and means for vaporizing and igniting said isolating fuel.

1,620,490. COPPER-LIME DUST. GEORGE E. SANDERS, Deloro, Ontario, Canada, assignor to Riches, Piver & Co., a Corporation of New Jersey. Original application filed Dec. 23, 1920, Serial No. 432,692, Patent No. 1,541,753. Divided and this application filed Aug. 9, 1924. Serial No. 731,202. 6 Claims. (Cl. 167—6.)

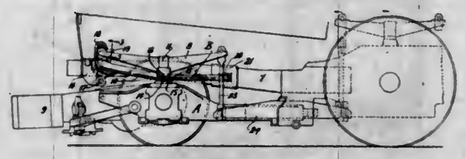
4. A method of producing a fungicide which comprises dehydrating copper salts by adding copper sulphate crystals to slaking lime.

1,620,491. SPRING SUPPORT. EUGENE L. SCHELLENS, Pointe Claire, Quebec, Canada, and JOEL S. COFFIN, Jr., Lisbon, N. H., assignors, by direct and mesne assignments, to C-S Engineering Company, a Corporation of Delaware. Filed Dec. 14, 1923. Serial No. 680,637. 19 Claims. (Cl. 105—82.)



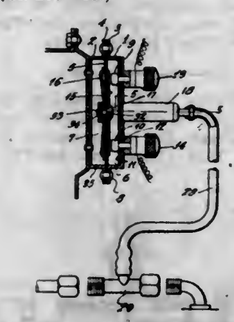
1. In combination, a locomotive having a main frame, a load carrying truck adapted to swing with respect thereto, a weight transmitting spring, a spring supporting member, and connecting means for the spring for the transmission of weight, cooperating with the supporting member and permitting the spring to move with the truck relative to the main frame without distortion of the spring.

1,620,492. SPRING SUPPORT. EUGENE L. SCHELLENS, Pointe Claire, Quebec, Canada, and JOEL S. COFFIN, Jr., Lisbon, N. H., assignors, by direct and mesne assignments, to C-S Engineering Company, a Corporation of Delaware. Filed Feb. 1, 1924, Serial No. 689,931. Renewed Aug. 16, 1926. 6 Claims. (Cl. 105—82.)



1. In a railway vehicle, a main frame, a swinging truck, a spring, and a spring support connected to the main frame to afford lateral support for the spring, said support having capacity for rocking movement in a vertical plane on an axis intermediate its ends.

1,620,493. SUCTION-OPERATED CIRCUIT CLOSER FOR MOTOR VEHICLES. PAUL SCHINDLER, Bayonne, N. J. Filed Apr. 9, 1926. Serial No. 100,807. 7 Claims. (Cl. 200—83.)

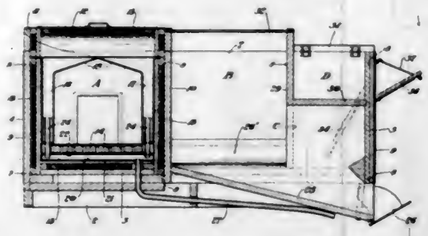


4. A circuit closer embodying a chamber, one side of which is closed by an elastic diaphragm, contacts spaced apart from one another and carried on the opposite side of the chamber, a bridge piece carried by the diaphragm, a suction inlet leading from the chamber, a valve casing forming part of the suction inlet and provided therein with a valve seat, a spring pressed valve normally seated to preclude retrograde passage of air through the valve casing, whereby the chamber may be exhausted to draw the bridge piece into a position to bridge the contacts, the valve thereupon seating to preclude the admission of air into the chamber, and means for slowly venting the chamber to break the vacuum therein after a predetermined interval.

1,620,494. VEHICLE BODY. PAUL R. SCHNABEL, Oakmont, Pa., assignor to The Schnabel Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Apr. 18, 1924. Serial No. 707,377. 1 Claim. (Cl. 62—18.)

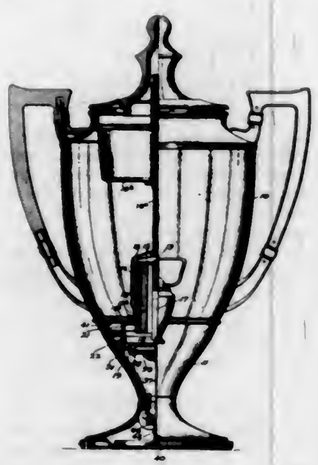
In a vehicle body for the transportation of frozen products, a product compartment having its back, front, side, bottom and top outer walls packed with heat insulating material, ice tanks extending from the bottom of said compartment upwardly along the back and front walls, said tanks being joined by a top wall which extends between the inside walls of said tanks and is inclined un-

wardly from each tank to the center of said compartment, said tanks and the space above said top wall jointing said tanks being adapted to be packed with a mixture of salt and ice, a drainage trough formed below the floor level of said compartment, extending centrally therein and inclined from front to back, a removable solid cover plate secured over said trough, vertically disposed overflow conduits rigidly mounted in said tanks and extending from a point within and approximately one-third the height of



said tanks above the bottoms thereof, downwardly through said tanks and communicating with said drainage trough, said overflow conduits being adapted to permit the accumulation of a body of brine formed by the melting of the ice and salt mixture in said tanks entirely filling said tanks for approximately one-third their height, and a drainage conduit extending from the rear end of said trough to a point adjacent the rear of the body, said drainage conduit being adapted to discharge the excess brine beyond the chassis of the vehicle.

1,620,495. ELECTRIC URN. ALBERT H. SIMMONS, Oak Park, Ill., assignor to Edison Electric Appliance Company, Inc., Chicago, Ill., a Corporation of New York. Filed July 6, 1923. Serial No. 649,777. 8 Claims. (Cl. 53—3.)



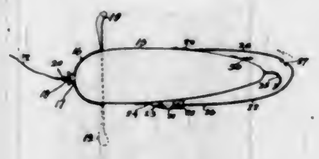
1. The combination in an electrically heated urn, of a vessel forming the upper part of said urn, electric heating means for said vessel, a hollow base member forming the lower part of said urn, a telescopic connection between said vessel and said base member, and means enclosed by said base member for securing said base member to said vessel.

1,620,496. IRON CONTACT RAIL WITH COPPER INSERT. KARL SPIECKERMANN, Dortmund, Germany. Filed Aug. 28, 1926. Serial No. 132,189, and in Germany Aug. 5, 1925. 3 Claims. (Cl. 191—22.)



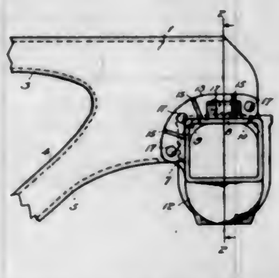
1. A power rail of the character set forth having ribs extending at right angles from its web to afford a longitudinal channel, and a strip of highly conductive metal fitting said channel and forcibly held therein by said ribs.

1,620,497. AUTOMATIC FISHHOOK. HOWARD M. SYKES, Valparaiso, Ind. Filed Dec. 30, 1922. Serial No. 609,826. 3 Claims. (Cl. 43—39.)



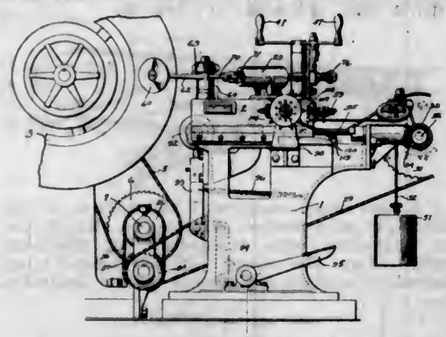
3. In automatic fish hooks, a floatable body, a line attachment at one end of the body, a plurality of hooks, a common shank for said hooks, means for pivoting the shank on the under side of the body, means for returning the hooks to their normal position, and flexible weed guards secured to the top side of the body said guards terminating above and beyond the normal position of the barbed ends of the hooks.

1,620,498. SIDE FRAME AND JOURNAL BOX THEREFOR. THOMAS H. SYMINGTON, Baltimore, Md., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed July 12, 1923. Serial No. 651,078. 16 Claims. (Cl. 105—219.)



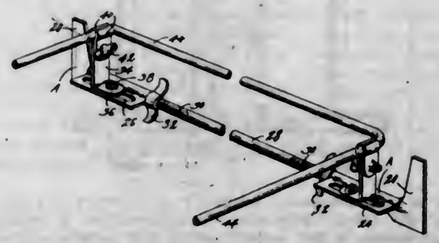
1. In combination, a car truck side frame having inner and outer side walls arranged in spaced relation, each of said walls being provided with portions forming open ended recesses at each end of the side frame, and journal boxes fitted within the open ended recesses and having portions connected to said inner and outer said walls.

1,620,499. TIRE MACHINE. EDWIN G. TEMPLETON, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Apr. 20, 1921. Serial No. 462,969. 20 Claims. (Cl. 154—10.)



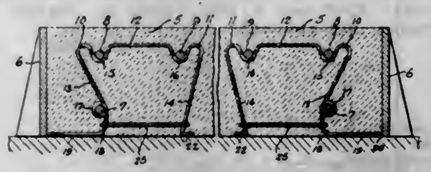
1. The combination with a tire machine having a reversible drive for the tire core, of automatically selected means for driving the stitcher carriage always in the same direction by the driving means of the core.

1,620,500. AWNING STRUCTURE. WILLIAM R. TORBERT, Kansas City, Mo. Filed Nov. 5, 1926. Serial No. 146,407. 7 Claims. (Cl. 156—15.)



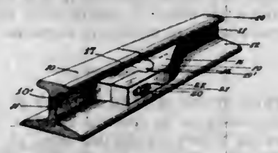
1. An awning structure comprising a pair of fittings adapted to engage the sides of a window frame, tubular portions formed on said fittings, a rod having its ends screw threaded and received in said tubular portions, nuts on said screw threaded portions of the rod for engaging the ends of said tubular portions of the fittings, supporting flanges on said fittings and an awning carried by said supporting flanges.

1,620,501. CONCRETE-REENFORCING-ROD CHAIR. REINHOLD VOGEL, South Wilton, Conn. Filed Sept. 15, 1926. Serial No. 135,525. 7 Claims. (Cl. 94—8.)



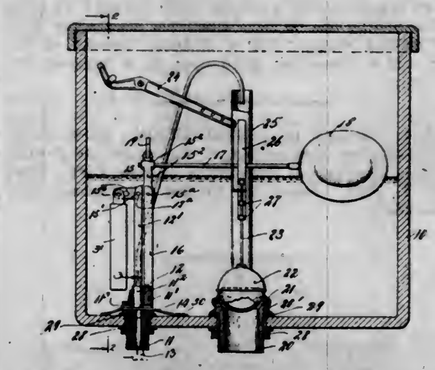
1. A chair for supporting reenforcing rods comprising upright side members one of which is provided with a loop to support a transversely extending reenforcing rod, a top member connecting the side members and provided with spaced downwardly curved portions to form seats for reenforcing rods, and laterally extending feet at the lower ends of the side members.

1,620,502. RAIL JOINT. WACLAW WASKEWICZ, Ludlow, Vt. Filed June 16, 1926. Serial No. 116,282. 3 Claims. (Cl. 238—235.)



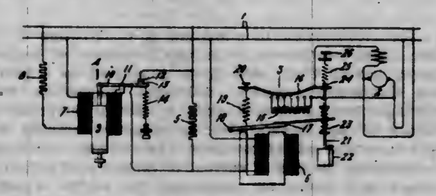
1. A rail joint comprising a tongue formed at the side of the web of a rail, and flush with the extremity of the said rail, said tongue provided with a curved extremity and engaging a recess formed in an engaging member extending from the side of a web of a second rail, said tongue and said engaging member below the edge of the upper flange of the said rail and the said second rail, a bolt with a nut located in an elongated aperture formed in the said tongue and in the said engaging member, as a means of holding the said rail and the said second rail in position.

1,620,503. FLUSH BOX. JOSEPH WERNER, Perth Amboy, N. J. Filed June 26, 1926. Serial No. 118,730. 7 Claims. (Cl. 137—104.)



3. In a flush tank, a stop valve comprising a pipe section fixed in said tank, a tubular glass seat adjustably mounted in said pipe section, a plunger like valve body and a comparatively long flexible strip of water-proof material adjustable and displaceably mounted between said valve body and seat and serving as a washer.

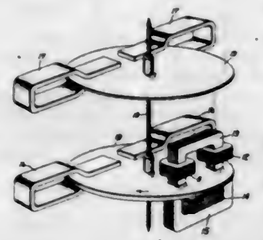
1,620,504. REGULATING APPARATUS. FRED H. WINTER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 15, 1924. Serial No. 737,718. 5 Claims. (Cl. 171—229.)



1. A regulating apparatus comprising a resistor having a plurality of contacts and a contact member adapted to engage said contacts, retarding means having a movable

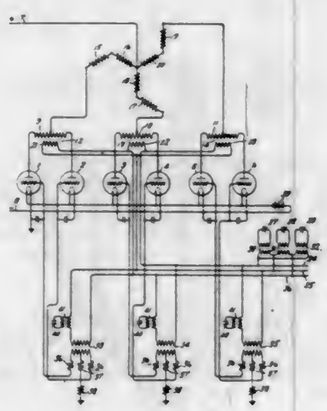
member arranged to cooperate with said contact member, electroresponsive means including an armature pivoted at one end and resiliently connected to said movable member at its other end, and means for biasing said contact member to a position in which it exerts upon said movable member a force tending to move said armature to its open position.

1,620,505. INDUCTION METER. HARRY M. WITHEROW, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed Apr. 11, 1924. Serial No. 705,902. 7 Claims. (Cl. 171—34.)



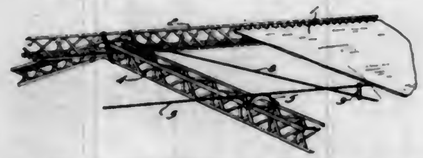
5. An induction disc watthour meter having a rotating part comprising one or more aluminum discs acted upon by a driving element and a damping element of the meter, and a brass disc acted upon by a damping element only.

1,620,506. SYSTEM OF DISTRIBUTION. ERNST F. W. ALEXANDERSON, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 1, 1924. Serial No. 747,394. 3 Claims. (Cl. 175—363.)



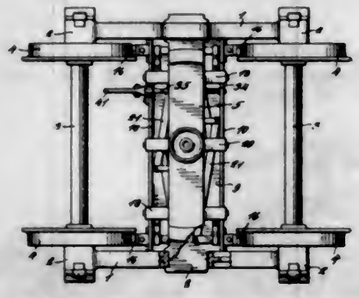
1. The combination in a system of distribution of a source of direct current, a polyphase system of transformers, having their secondaries connected to a polyphase distribution system, individual connections for supplying current from said source to each of the primary windings of said transformers, an inductive winding included in each of said connections, a pair of electric valves for controlling the flow of current to each of said primary windings, and means for controlling the action of said valves in such a way that when current is permitted to start in one of each pair of said valves the potential applied to the other valve of the pair will be momentarily reversed.

1,620,507. HULL CONSTRUCTION OF RIGID AIRSHIPS. KARL ARNSTEIN, Friedrichshafen, Germany, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Filed Sept. 13, 1924, Serial No. 737,595, and in Germany Oct. 4, 1923. 5 Claims. (Cl. 244—3.)



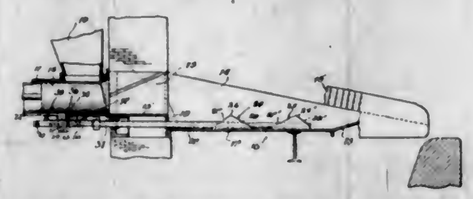
1. A rigid airship comprising a hull made up of longitudinal and cross members connected by diagonal bracing, longitudinal wires intermediate said longitudinal girders and an outer cover to said hull fastened to said longitudinal members and steadied by said longitudinal wires.

1,620,508. RAILROAD-BRAKE MECHANISM. JOSEPH S. BALL, Denver, Colo., assignor of one-half to Joseph N. Miller, Denver, Colo. Filed July 6, 1926. Serial No. 120,610. 3 Claims. (Cl. 188—52.)



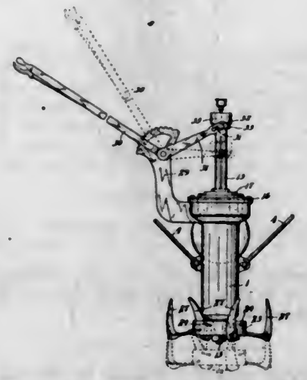
1. A brake mechanism adapted to be attached to a railway car truck, comprising, in combination, a spring plank having a flat central portion and parallel spaced flanges extending perpendicularly to the plane of the central portion, each flange having an opening near each end, a brake bar extending through each opening, a lever having its outer end pivotally connected with the inner end of each brake bar, a stationary pivot which serves as a fulcrum for each lever and means for simultaneously moving said levers about their fulcrums whereby the brake bars will be reciprocated in the openings.

1,620,509. FUEL-DISTRIBUTING MEANS FOR UNDERFEED STOKERS. ROYCE L. BEERS, Detroit, Mich., assignor, by mesne assignments, to Riley Stoker Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed June 3, 1922. Serial No. 565,543. 9 Claims. (Cl. 110—44.)



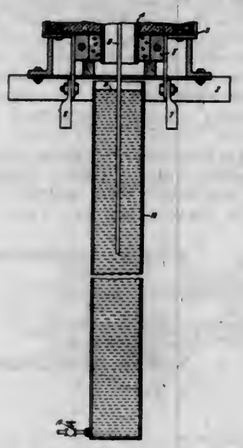
1. In an underfeed stoker, a fuel distributor comprising a plurality of independently movable elements arranged directly in tandem for reciprocation in a common line, respective operating stems for said elements tightly attached thereto and extending parallel with the line of reciprocation, and means for operating all of said stems together in the same directions of reciprocation, said means having provision to vary the relative throw of said stems.

1,620,510. CULTIVATOR FOR ELIMINATING QUACK GRASS. LEONARD L. BEISE and RICHARD J. BEISE, Pine Island, Minn. Filed Oct. 19, 1922. Serial No. 595,556. 3 Claims. (Cl. 97—212.)



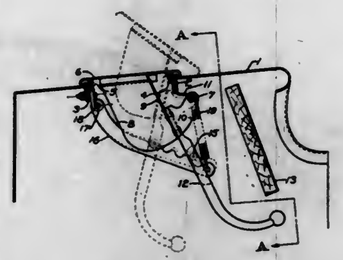
1. A cultivating device for eliminating quack or other grass comprising, a member adapted to rotate about a vertical axis, and a plurality of radially extending blade members projecting therefrom, said members extending outwardly and downwardly from said rotating member and having sharpened portions at their outer ends bent to extend upwardly and slightly inwardly, said first mentioned member terminating above the lowest point of said blade members.

1,620,511. QUARTZ WORKING. EDWARD R. BERRY, Malden, Mass., assignor to General Electric Company, a Corporation of New York. Filed Apr. 18, 1923. Serial No. 633,017. 1 Claim. (Cl. 49—78.1.)



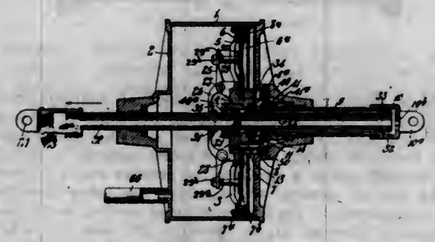
The process of shaping plastic silica which consists in projecting the same in an elongated form into a liquid having approximately the same specific gravity as silica.

1,620,512. VENTILATOR. JOSEPH H. BOURGON, Detroit, Mich., assignor to The Studebaker Corporation, a Corporation of New Jersey. Filed Jan. 20, 1923. Serial No. 613,923. 10 Claims. (Cl. 98—2.)



3. In an automobile, a cowl having an opening therein, a cover for said opening, a member secured to and depending from said cover, a pintle mounted within said cowl, means on said member for pivotally mounting said cover on said pintle, an operating handle rigidly mounted on said member for operating said cover, and means cooperating with said operating handle for holding said cover in closed position and a plurality of open positions.

1,620,513. POWER ACTUATOR. CALEB S. BRAGG, Palm Beach, Fla., and VICTOR W. KLIESRATH, Port Washington, N. Y., assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y., a Corporation of New York. Filed Aug. 14, 1926. Serial No. 129,174. 23 Claims. (Cl. 121—41.)



23. In a power actuator, the combination with a cylinder, a piston movable therein, means for connecting the piston with a part to be actuated, means for establishing differential pressures on opposite faces of the piston including controlling valve mechanism, and means for connecting said valve mechanism with sources of lower and higher pressures, an operator operated part, and operative connections between said part and the valve mechanism, said piston being provided with apertures therein, flexible diaphragm portions closing said apertures, and operative connections between said flexible diaphragm portions of the piston and the operator operated part for transmitting a portion of the pressure exerted on the piston by the higher pressure fluid during a power stroke of the piston to the operator operated part, said operator operated part being movable with respect to the piston, and means for limiting the relative movement of the operator operated part with respect to the piston, to protect the diaphragm portions from injury and to enable the operator by taking up the lost motion so provided, to apply his physical force directly to the piston in addition to that of the actuator, or upon failure of power.

1,620,514. ART OF MOLDING CONCRETE OR CEMENTITIOUS STRUCTURES. CHRISTIAN BRYNOLDT, Pittsburgh, Pa., assignor to Blaw-Knox Company, a Corporation of New Jersey. Filed Jan. 29, 1923. Serial No. 615,480. 11 Claims. (Cl. 25—131.)



1. The herein described method of constructing supporting devices for forms, molding means and the like for concrete structures which consists in utilizing standard structural trusses and detachably uniting the same in edgewise abutment in a knock-down but rigid supporting unit.

1,620,515. SHADE-ROLLER SUPPORT. HENRY FRANK BUCHHEIT, Milwaukee, Wis. Filed Nov. 7, 1924. Serial No. 748,348. 1 Claim. (Cl. 156—23.)



In a shade roller support, a set of brackets each provided on one side with a shade roller socket, one of said brackets having a threaded spreader rod socket and the other having a tapered socket adapted to receive the pointed end of a spreader rod member and a co-operating pair of spreader rod members, one being threaded for engagement in the first mentioned bracket socket and internally threaded at its opposite end, and the other spreader member being tapered at one end and threaded at the other for engagement in the threaded socket of the first mentioned spreader member, said tapered end portion being provided with a poly-sided operating piece and a tube connected therewith and covering its threaded portion, said tube being adapted to telescope over the first mentioned spreader member to conceal the screw threads and the joints, and said spreader members being adapted to be assembled with the bracket having the threaded socket end positioned on a window casing preparatory to expansion of said tapered end into pressure contact in the socket of the other bracket by rotating said poly-sided member after the parts have been placed.

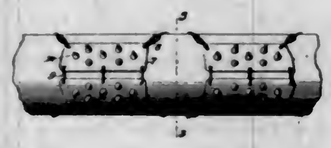
1,620,516. LAMP HANGER. CLIFTON L. BUNDY, Philadelphia, Pa., assignor to Philadelphia Electrical & Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 24, 1922. Serial No. 563,289. 7 Claims. (Cl. 248—25.)

1. The combination in a lamp hanger, of a supporting structure; a lamp carrying member; means for raising and lowering said member; a dog horizontally pivoted to the lamp carrying member and having two similar arms extending in opposite directions from the pivotal axis; and shoulders on said supporting structure for engaging the extremities of said arms when the latter



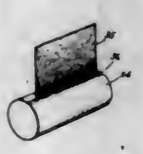
are substantially horizontal, the said shoulders permitting the dog to pass between them when the arms are vertical or approximately so.

1,620,517. TIRE CHAIN. EDWARD W. BUNGER, Cedar Rapids, Iowa. Filed Mar. 24, 1924. Serial No. 701,420. 1 Claim. (Cl. 152—14.)



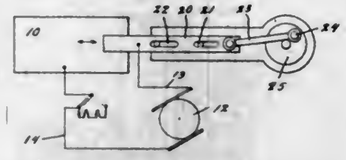
A tire-chain, comprising a pair of side-chains, pairs of circumferentially disposed tread-plates closely linked together crosswise of the tire, and provided with traction spurs progressively increasing in length outwardly from the linked sides with points disposed out of a straight line across the tread, and diagonal chains connecting said plates with the side-chains.

1,620,518. FILM CUT-OUT. HENRY E. BUTLER, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 31, 1926. Serial No. 98,888. 4 Claims. (Cl. 200—118.)



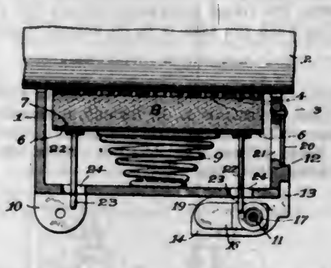
1. An insulating member for use in film cutouts, said member comprising a strip of insulating material having an abrasive substance on its surfaces.

1,620,519. ELECTRICAL ABRASION PROCESS. MONROE S. CLAWSON, Upper Montclair, N. J. Filed Apr. 18, 1922. Serial No. 554,558. 1 Claim. (Cl. 219—1.)



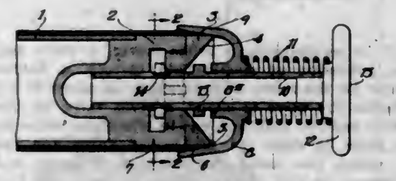
The method of abrading comprising engaging a rapidly reciprocating conductor upon the work, the work being also a conductor, and simultaneously passing an alternating current through the reciprocating conductor and the work, the moving conductor being reciprocated a greater number of times per second than the number of cycles of the current per second.

1,620,520. DEVICE FOR LUBRICATING LOCOMOTIVE-AXLE JOURNALS. WALTER J. COX, Bridgeport, Conn., assignor to Franklin Railway Supply Company, a Corporation of Delaware. Filed Nov. 17, 1923. Serial No. 675,282. 6 Claims. (Cl. 308—83.)



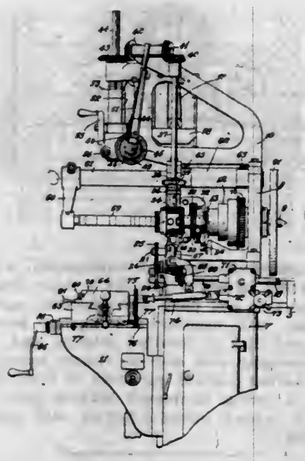
4. The combination with a cellar box of a door having a lug pivotally and slidably connected with the box, said lug engaging the box when the door is in closed position whereby said door is prevented from swinging, and means for locking said lug into engagement with the box.

1,620,521. APPARATUS FOR THE MANUFACTURE OF RUBBER OR THE LIKE TUBES. JOHN DALGLISH, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation of America, Buffalo, N. Y., a Corporation of New York. Filed July 17, 1926, Serial No. 123,215, and in Great Britain July 18, 1925. 5 Claims. (Cl. 18—43.)



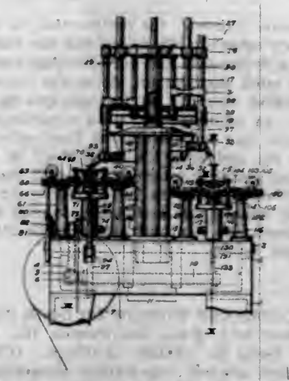
1. An apparatus for use in manufacturing rubber tubes including a mandrel adapted to support the end of the tube, an annular knife having a beveled cutting edge carried by said mandrel, an annular member adapted to coact with said knife, means secured to the mandrel for slidingly supporting said annular member.

1,620,522. COMBINED LATHE, DRILLING AND MILLING MACHINE. HUBERT DALTON, New York, N. Y. Filed June 10, 1921. Serial No. 476,393. 9 Claims. (Cl. 29—27.)



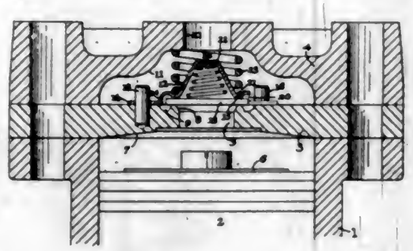
1. In a metal working machine of the character described, a correlated drilling mechanism, a lathe mechanism and milling mechanism, including a spindle, a step driven pulley mounted on said spindle, a driving gear mounted in said spindle for operating the drilling, lathe and milling mechanisms, two gears mounted on said spindle, a shaft adjacent the spindle and speed varying gears keyed on the shaft and adapted to mesh with the gears on the spindle.

1,620,523. HOOK FORMING AND INSERTING MACHINE. HENDRIK DE JONG and WILLEM KONING, Eindhoven, Netherlands, assignors to General Electric Company, a Corporation of New York. Filed Sept. 22, 1924, Serial No. 739,002, and in the Netherlands Dec. 5, 1923. 12 Claims. (Cl. 176—3.)



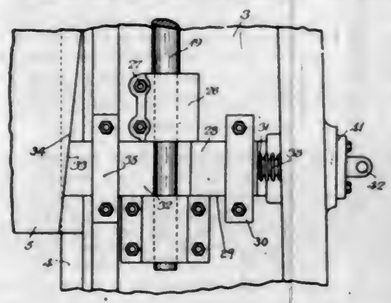
1. In a hook-inserting machine, the combination of a pair of coaxial annular wire cutting and bending dies relatively movable along their axis to make hooks from wires extending between said dies, and means for positioning a glass rod having imbedded in it a plurality of spaced radially extending wires to bring said wires between said dies.

1,620,524. COMPRESSOR VALVE. EDWARD R. DE LUIZ, Flint, Mich., assignor to Copeland Products, Inc., Flint, Mich., a Corporation of Michigan. Filed Apr. 30, 1924. Serial No. 710,135. 5 Claims. Cl. 230—34.)



1. In a gas compressor, the combination, with a fixed member having an outlet port, of a valve disk for closing said port, a one piece pressed-metal cage movably seated upon said member and having portions surrounding said disk in locating relation and other portions overhanging said disk in closely spaced relation, said cage having portions cut away to form lateral outlet ports, a spring interposed between said cage and disk and a second spring pressing said cage against said member.

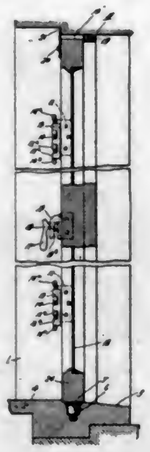
1,620,625. POWER HAMMER. FRANK H. DERBY, Erie, Pa., assignor to Erie Foundry Company, Erie, Pa., a Corporation of Pennsylvania. Filed Oct. 26, 1922. Serial No. 597,087. 2 Claims. (Cl. 78—29.)



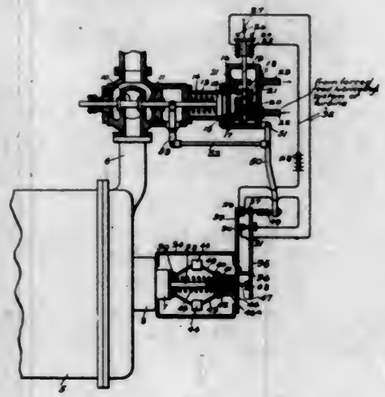
1. In a power hammer, the combination of a hammer head; a power-actuated lift device for the head; means throwing said device into and out of lifting relation with the head; a latch shoulder on the means; a latch comprising a sliding cam bar having one end in the path of the head; an adjusting screw; a connection between the screw and bar maintaining a fixed axial relation between the bar and screw; a latch block on the screw in overlapping latching relation with said shoulder and adjustable relatively thereto by the screw to vary the timing of the means; and a stop maintaining a constant relation between the bar and head as the block is adjusted by the screw.

1,620,526. CASEMENT WINDOW OR DOOR CONSTRUCTION. EDMUND J. EMIG, Des Plaines, Ill. Filed Oct. 21, 1926. Serial No. 143,080. 5 Claims. (Cl. 20—53.)

1. A casement window construction, comprising a frame having its stool extending above its sill, a sash normally disposed above the sill with the rear face of the lower sash portion adjacent to the forward face of the upwardly extending portion of the stool; spring means mounted on the sill and of such a strength as to raise the sash to have the bottom of the sash clear the stool; hinges interposed between a side of the frame and the sash upon which hinges the sash is adapted to swing inwardly, the hinges being constructed to permit vertical movement of the sash with respect to the frame; and releasable means interposed between the sash and the frame for forcing the frame downward against the pressure of the spring when the sash is in its normal position.

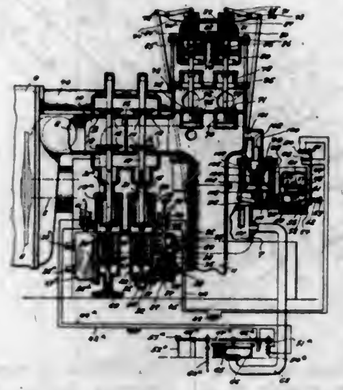


1,620,527. GOVERNING MECHANISM FOR PRIME MOVERS. WILLIAM L. R. EMMET, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 8, 1923. Serial No. 637,563. 16 Claims. (Cl. 121—42.)



6. In combination, a prime mover, a valve controlling the admission of elastic fluid thereto, a fluid-actuated motor for the valve, means biasing the motor to a position wherein the valve is closed, a pivot valve for the motor which has two positions, one in which the motor is caused to move to open the first-named valve and the other in which the motor is permitted to move under the influence of said biasing means to close the first-named valve, electrically-operated means for effecting movement of the pilot valve from one position to the other, an electric circuit in which it is included, separable contacts in said circuit, a lever to which one of said contacts is connected, means responsve to the speed of the prime mover for moving said lever to open and close said contacts, and a holding magnet in said circuit for said lever.

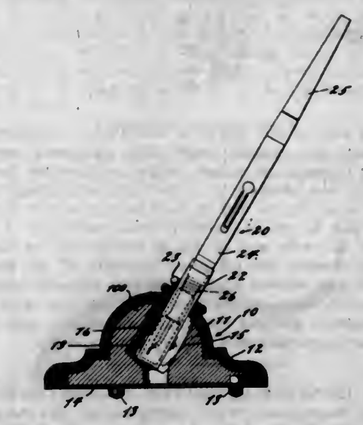
1,620,528. GOVERNING MECHANISM FOR ELASTIC-FLUID TURBINES. WILLIAM L. R. EMMET, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 8, 1923. Serial No. 637,564. 5 Claims. (Cl. 290—52.)



1. In combination, an elastic fluid turbine, a conduit for suplying elastic fluid thereto, a plurality of control valves in said conduit arranged in series with each other, a separate fluid-actuated motor for each valve, and separate speed-responsive means for controlling each motor.

3. In a turbo-generator set, the combination of a turbine, a generator driven thereby, a ventilating impeller for the generator, a valve controlling the admission of elastic fluid to the turbine, a motor for operating said valve, a reversible controlling means for said motor, and means responsive to the pressure created by said ventilating fan for periodically reversing said controlling means.

1,620,529. FOUNTAIN PEN AND STAND THEREFOR. WILLIAM I. FERRIS, Westfield, N. J., assignor to L. E. Waterman Company, New York, N. Y., a Corporation of New York. Filed May 27, 1926. Serial No. 111,961. 8 Claims. (Cl. 120—108.)



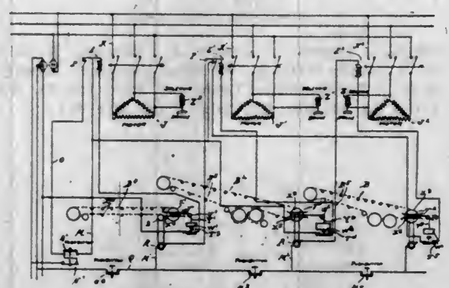
1. A stand for a fountain pen comprising a recess adapted to receive an end of a fountain pen, the wall of said recess being formed with a groove adapted to receive the pen clip.

1,620,530. CONSOLIDATED METALLIC FIBER ARTICLE. CROSBY FIELD, Brooklyn, N. Y., assignor to Gray Products, Inc., a Corporation of New York. Filed June 7, 1924. Serial No. 718,476. 9 Claims. (Cl. 308—242.)



1. As an article of manufacture, a material including as an essential a fibrous mass of springy metal wool composed of resilient fibers retaining their resilience under stress compressed and having its fibers set to maintain solid form.

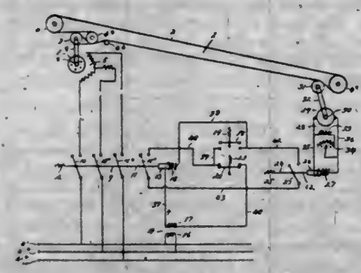
1,620,531. APPARATUS FOR LOADING AND UNLOADING MATERIALS. CHARLES R. FISHER, Rogers City, Mich. Filed Mar. 26, 1920. Serial No. 368,999. 17 Claims. (Cl. 198—92.)



1. The combination of a plurality of endless belt conveyors for progressively advancing a load, means for independently driving said conveyors, and means dependent upon the operation of each conveyor to which a load is delivered for maintaining the operation of the conveyor delivering the load thereto said last mentioned means being independent of the operation of the conveyors at the supply end thereof.

10. The combination with a conveyor and means for driving said conveyor, of a generator driven by said conveyor, and a relay controlled by the voltage produced by said generator.

1,620,532. CONTROL SYSTEM FOR ENDLESS-BELT CONVEYERS. CHARLES R. FISHER, Rogers City, Mich. Filed Feb. 27, 1922. Serial No. 539,558. 9 Claims. (Cl. 198—232.)



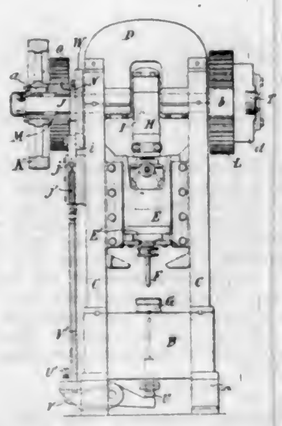
1. The combination with an endless belt conveyer and means for driving the same, of means for producing a voltage dependent upon the speed of said conveyer belt, and means controlled by said voltage for stopping said driving means.

1,620,533. DISPLAY DEVICE. FRANK G. FULLGRAFF, New York, N. Y. Filed Aug. 11, 1923. Serial No. 656,948. 3 Claims. (Cl. 40—147.)



1. A display device, comprising a sign having light transmitting portions forming the matter to be displayed, a reflector hinged at its lower edge to the back of said sign, and flaps of stiff sheet material hinged to the back of said sign at its ends, said reflector and said flaps being provided with cooperating engaging means and being adapted to fold flat against the sign.

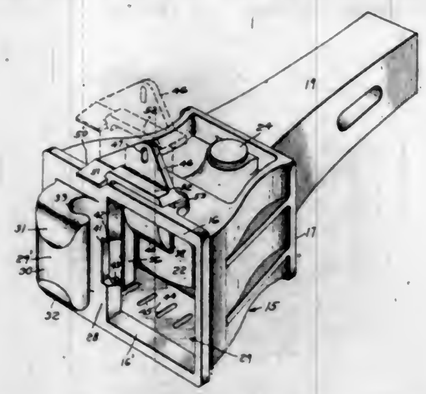
1,620,534. PRESS. CHARLES R. GABRIEL, Brooklyn, N. Y., assignor to E. W. Bliss Company, Brooklyn, N. Y., a Corporation of Delaware. Filed Apr. 14, 1926. Serial No. 102,008. 18 Claims. (Cl. 207—9.)



1. A power press comprising a reciprocating head, and mechanical means for operating it, said means adapted to drive the head at relatively high speed during the idle part of its working stroke, and means for imparting the effective part of its stroke at an increased power ratio.

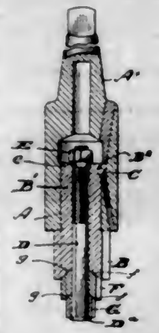
1,620,535. CAR COUPLER. CHARLES H. GAGE, Washington, D. C., assignor to Linn W. Searles and William D. Riter, both of Washington, D. C., and William D. Faison, Chester, Pa., trustees. Filed June 18, 1926. Serial No. 116,900. 9 Claims. (Cl. 213—88.)

1. In a car coupler, a support, a coupler head, means for pivotally mounting the coupler head upon the support in a manner to permit of permanent unrestricted horizontal swinging movement of said coupler head with relation to said support, said coupler head having means to positively limit such relative horizontal swinging movements of said coupler head beyond the coupling limits, the outer end of the coupler head being adapted to contact with the outer end of the coupler head of a companion coupler for automatic adjustment of the two coupler heads, a knuckle secured to the outer end of the coupler head, and a gravity operated pin carried by the



coupler head and having a beveled portion for engagement with the knuckle of the companion coupler, the last named knuckle being adapted to engage behind said pin.

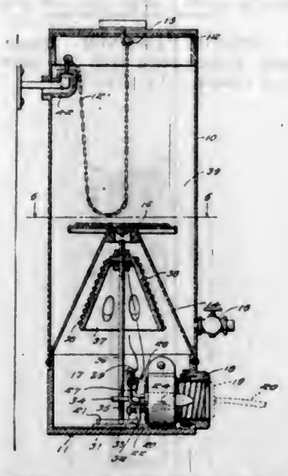
1,620,536. INTERCHANGEABLE BORING AND COUNTERBORING TOOL. EMIL GAIRING, Detroit, Mich., assignor to Gairing Tool Company, Detroit, Mich., a Corporation of Michigan. Filed Mar. 29, 1926. Serial No. 98,107. 2 Claims. (Cl. 77—58.)



1. In a tool of the character described; a plurality of cutters having a central longitudinal polygonal opening extending through the cutters, each of said cutters having a tapering end adapted to project into a corresponding tapering socket in the end of the adjoining cutter, whereby they may be nested together when assembled; a bolt polygonal in cross section for a portion of its length extending through the polygonal openings of the several cutters; a nut screwed upon the end of said bolt adapted when adjusted to draw the several cutters into impinging nested relation, whereby they may operate as a unit; and means for supporting said unitary cutting device.

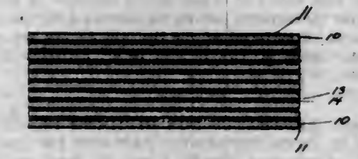
1,620,537. ELECTRICAL HEATER. CHARLES CORNELIOUS GAREY, Bremerton, Wash., assignor of one-third to Thomas L. Smith, Bremerton, Wash. Filed May 15, 1926. Serial No. 109,340. 2 Claims. (Cl. 219—19.)

1. In a heater of the type described, a casing in the form of a cylinder having adjacent its lower end a conical bottom wall providing in the upper end of the cylinder a water chamber, a cap engaged with the lower end of the cylinder, a conical electrical heating element supported from the cap to maintain its heating area in



approximate parallel relation to said conical wall and a perforated disk supported from the upper end of said conical wall.

1,620,538. METHOD OF MAKING COMPOSITION ARTICLES. WILLIAM JOSEPH GAVEN, Wilkes-Barre, Pa., assignor of one-half to Mary Ellen Gaven, Wilkes-Barre, Pa.; Mary E. Gaven administratrix of the said William J. Gaven, deceased. Filed May 18, 1923. Serial No. 639,743. 1 Claim. (Cl. 154—2.)



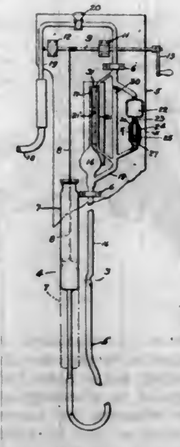
That method of making a composition article which consists in treating a layer of paper with a coating of powdered composition matter possessing ornamental and adhesive qualities, subjecting the layer of paper and the coating of composition matter to heat for uniting the two, superposing a plurality of such coated layers of paper, and subjecting the superposed coated layers to heat and pressure for molding the same to the configuration of the article desired.

1,620,539. DEPILATOR. HUGO GERNSBACK, New York, N. Y. Filed Apr. 1, 1926. Serial No. 98,958. 1 Claim. (Cl. 128—355.)



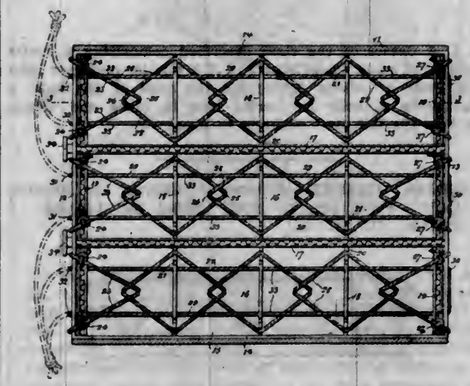
A depilator for removing the hair from either large or small areas of the skin, comprising a bandage in the form of a flat strip of fabric of appreciable length and layers of softenable self-hardening hair extracting material covering both faces of said fabric and penetrating the same so that said layers are interlocked and secured together through the fabric, whereby neither can pull loose from the fabric in the act of removing the hairs, said layers being of sufficient depth to receive and entrap hairs projecting from the skin over which the bandage is applied, the ends of the fabric strip being exposed to serve as finger-holds and the balance of the strip between said finger-holds being covered by the material as described.

1,620,540. REGULATOR FOR MERCURY GAUGES. ARTHUR ANDREW GIBSON, Bloomfield, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Nov. 1, 1923. Serial No. 672,228. 7 Claims. (Cl. 73—31.)



1. A U-tube vacuum gauge one leg of which has a capillary by-pass, a compression chamber, means for moving mercury upwardly in said gauge to a predetermined level, a chamber in communication with said by-pass to receive an over-flow of said mercury for maintaining said mercury at said level for an appreciable time interval.

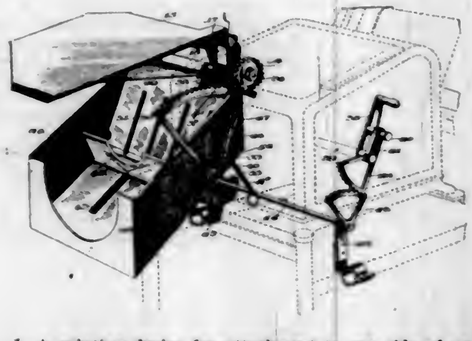
1,620,541. EGG-SHIPPING BOX. MARCUS O. GINSBURG, Corona, N. Y., assignor of one-third to Joseph E. Sloe and one-third to Harry I. Garfunkel, both of New York, N. Y. Filed June 26, 1926. Serial No. 118,806. 2 Claims. (Cl. 217—25.)



1. An egg carrier comprising a tray subdivided into compartments by transverse and longitudinal partitions, and egg holding means formed in each compartment con-

sisting of cords or like flexible elements extending through the ends walls of the tray, extending in slots in the transverse partitions and extending through the bottom of the tray to provide groups of diverging leads, and cords or like flexible elements extending through the opposite end walls of the tray and extending through the transverse partitions to provide spaced parallel portions which coact with the diverging leads aforesaid to hold the eggs.

1,620,542. CHECK-INDORSING ATTACHMENT FOR ADDING MACHINES. RUDOLPH HENRY GLADWILL, Ada, and GEORGE MONROE RAMSEY, Altus, Okla. Filed Oct. 20, 1925. Serial No. 63,622. 5 Claims. (Cl. 101—240.)



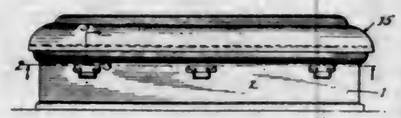
1. A printing device for attachment to one side of an adding machine opposite to the operating lever of such machine and actuating connections for such device including a shaft adapted to extending beneath an adding machine, and gear members for connecting said shaft with the adding machine, one of which gear members has means adapting the same for detachable connection with the operating lever of an adding machine.

1,620,543. HAIR CURLER. SAMUEL GOLDBERG, Dorchester, Mass. Filed Jan. 2, 1926. Serial No. 78,975. 3 Claims. (Cl. 132—41.)



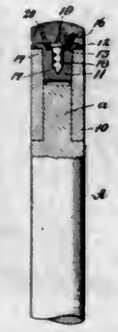
1. A device of the class described comprising a curler formed of a rod whose centre is of a smaller diameter than the ends, a locking device for the ends of the hair, a flat plate to hold the curled hair in place and means to hold the flat plate securely in place.

1,620,544. CASKET. EDMUND J. GREIVE, Los Angeles, Calif. Filed Oct. 5, 1926. Serial No. 139,604. 3 Claims. (Cl. 27—6.)



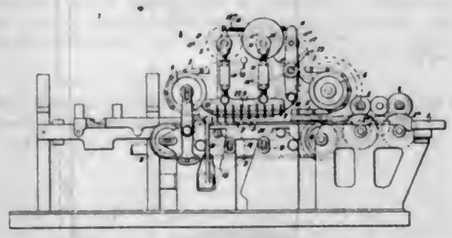
1. A casket having a base with a flat rim, a series of plates having keyhole slots secured to the base adjacent the rim, a cover having a flat lower section, a series of screws secured to the cover through said section, said screws registering with the keyhole slots, and an apron extending downwardly from the cover below the screws.

1,620,545. CUE-TIP FASTENER. HENRY J. GRENIER, Bridgeport, Conn. Filed Mar. 10, 1926. Serial No. 93,686. 2 Claims. (Cl. 273—70.)



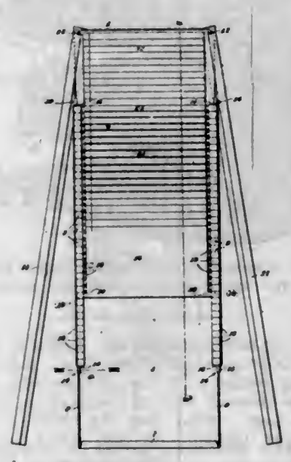
1. A cue tip fastening means including a plug adapted to be driven in the usual ferrule of a cue, a lateral annular flange on said tip adapted to seat on the front end of said ferrule, said plug having a concave countersink, a cue tip fastening element having a hole through the bottom thereof and formed with a flaring series of fingers disposed about the edge thereof, a securing brad passing through said hole and engaging the material of said plug, and a cue tip disposed jointly against said flange and ferrule, in which material of the tip said fingers are entered, the outer ends of the fingers being deflected laterally outward.

1,620,546. APPARATUS FOR DIVIDING PLASTIC MATERIAL INTO SEPARATE TABLETS OF UNIFORM SIZE. FREDERICK GROVER, Leeds, England, assignor to The Forgrove Machinery Company Limited, Leeds, England. Filed Apr. 27, 1926, Serial No. 104,956, and in Great Britain May 2, 1925. 8 Claims. (Cl. 107—21.)



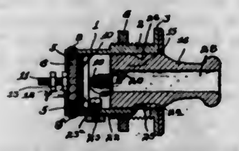
1. Apparatus for dividing plastic material into separate tablets of uniform size, comprising in combination a multiple blade holder, equidistant blades projecting from the blade holder to progressively different depths, means for lowering and raising the blade holder, means for horizontally reciprocating the said blade holder, a bed for supporting and carrying the plastic material below the aforesaid blades, and means for advancing the bed carrying the plastic material while the blades are lowered.

1,620,547. VISIBLE CARD RECORD. HERBERT HAID, Salem, Oreg., assignor, by mesne assignments, to Pressteel Engineering Corporation, a Corporation of New York. Filed Mar. 28, 1924. Serial No. 702,671. 25 Claims. (Cl. 129—16.)



1. In a device of the type described, a portable support, a multiplicity of record cards, a pair of journals formed integrally with each of said cards, and means removably carried by said support for receiving said journals to permit pivoting of said cards.

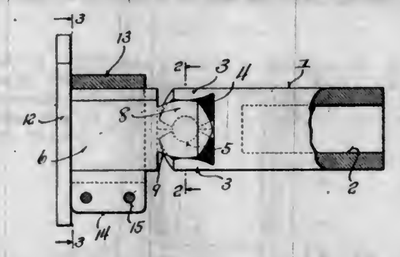
1,620,548. LIGHTER FOR CIGARS AND THE LIKE. ROBERT O. HAMMOND, Rochester, N. Y., assignor, by direct and mesne assignments, of one-half to Charles H. Ogden and one-half to Harold H. Simms, both of Rochester, N. Y. Filed Jan. 12, 1922. Serial No. 528,820. 10 Claims. (Cl. 219—32.)



10. A lighter for cigars and the like comprising, a socket member provided with two terminals, a plug member provided with two terminals and also with an annular groove, an incandescing device connecting the terminals of the plug member, and yielding means cooperating with the walls of the annular groove to hold the plug member so that the terminals thereof are out of contact with the terminals of the socket member, said means yielding to permit such contact and through cooperation with the walls of the groove to move the plug upon the release of the latter, so that the terminals of such plug will lie out of contact with the terminals of the socket member.

1,620,549. UNIVERSAL JOINT. LE ROY HARPER, Kenosha, Wis. Filed Oct. 9, 1925. Serial No. 61,478. 2 Claims. (Cl. 64—91.)

1. A universal joint comprising two main units each having fingers provided with curved surfaces with the surface of one set of fingers contacting with the surface of the other set of fingers, the inner portion of each of the fingers being recessed, a ball positioned within the recess and retaining the units against longitudinal separation, one of said units being split longitudinally, and



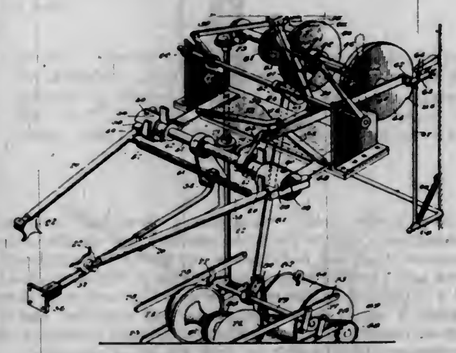
a collar surrounding the split unit and holding its parts in correct position to provide a unitary unit, said collar being slidable from said split unit onto the other unit to permit separation of the units.

1,620,550. NEEDLE. RALPH A. HOWE, Washington, D. C. Filed Apr. 28, 1926. Serial No. 105,247. 11 Claims. (Cl. 66—117.)



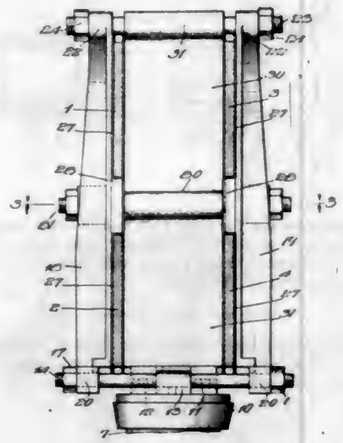
1. A needle for repairing fabrics comprising a hook member, a latch member, and a hump on one of said members projecting toward the other member and engageable by a thread to open the latch before the free end of the latch engages the fabric.

1,620,551. FRUIT-JUICE-EXTRACTING MACHINE. GUY N. HUGHES, Atlanta, Ga. Filed Aug. 3, 1925. Serial No. 47,899. 29 Claims. (Cl. 146—3.)



1. A juice extracting machine comprising a fruit hopper, a juice extractor having grinding heads, means gripping a whole fruit at the hopper and transporting it to said extractor, means for cutting the fruit in half and separating the halves during transportation, means temporarily positioned in front of said grinding heads to receive said halves upon arrival at the juice extractor, and means acting on the transporting means to urge the halves onto the grinding heads upon displacement of said temporarily positioned means thereby to remove the pulp.

1,620,552. ELECTRIC-TRANSMISSION SYSTEM. ERNEST H. JACOBS and CHARLES FREDERIC SCHOONMAKER, Chicago, Ill. Filed July 23, 1920. Serial No. 398,532. 10 Claims. (Cl. 173—13.)



1. In combination an alternating current conductor of high current carrying capacity, comprising a plurality of air cooled, flat, copper bars, disposed in parallel relation, the bars being placed at the corners of a polygon with their flat sides vertical, said bars being of the same phase and being arranged in sections, and transposing connections for connecting the sections.

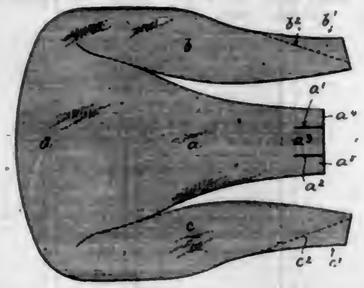
1,620,553. NECKTIE HOLDER. ABE JAFFE, Philadelphia, Pa. Filed Dec. 15, 1926. Serial No. 154,995. 4 Claims. (Cl. 24—57.)



1. A necktie holder comprising a sheet body portion, containing a button receiving aperture, an upright slide mounted upon said body, below and in vertical alignment with said aperture and adapted to engage behind the head of a collar button inserted into said aperture, said body having a spring anchorage above said aperture, and a helical tension spring operatively interposed between said anchorage and said slide to draw the latter upwardly.

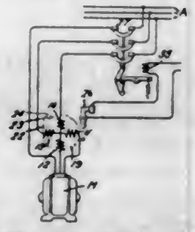
1,620,554. MANUFACTURE OF CYCLE AND LIKE SADDLES. HENRY JELLEY, Birmingham, and JAMES JELLEY, Coventry, England. Filed Sept. 27, 1923, Serial No. 665,127, and in Great Britain Nov. 2, 1922. 3 Claims. (Cl. 18—56.)

1. Method of producing and shaping a carcass or canvas interlayer for saddle tops of the kind referred to, involving the use of a blank which, when in the flat, the weft threads in the cantle, middle and wing portions are parallel or substantially parallel, whereas during the shaping of the carcass, the weft threads of the wing portions for reinforcing the flaps or skirts of



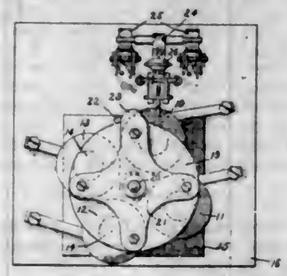
the top are disposed at converging angles to the weft threads of the middle portion, for the purpose herein set forth.

1,620,555. ELECTROMAGNETIC DEVICE FOR ALTERNATING-CURRENT CIRCUITS. BENJAMIN W. JONES and NOBLE A. WOLFE, Schenectady, N. Y., assignors to General Electric Company, a Corporation of New York. Filed Nov. 12, 1921. Serial No. 514,568. 15 Claims. (Cl. 175—338.)



14. An electromagnetic device comprising windings arranged to be energized from a single phase source, a magnetic structure energized by said windings, the said structure having a plurality of definite poles, a rotatable member under the influence of the magnetic field set up by said windings, and a magnetic element cooperating with said member for causing a torque to be set up in the member by said magnetic field, the said element being adjustable with reference to said poles independently of said member to effect rotation of the member in either direction.

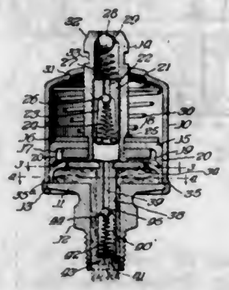
1,620,556. ELECTROMAGNETIC DEVICE. BENJAMIN W. JONES, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 12, 1921. Serial No. 514,569. 10 Claims. (Cl. 175—294.)



2. A device for opening a polyphase circuit upon the opening of one of its phases comprising a plurality of windings energized by said circuit, a member operated

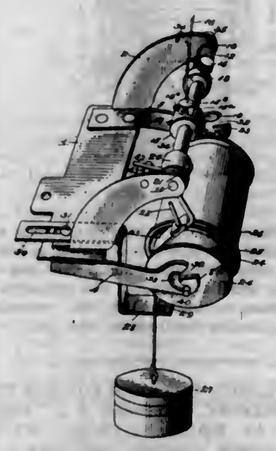
by the rotating field set up by said windings, and a magnetic element movable with reference to said windings and arranged to cause a different operation of said member upon less than normal phase excitation of the windings.

1,620,557. LUBRICANT CUP. PETER J. JORGENSEN and CLARENCE H. JORGENSEN, Chicago, Ill. Filed Nov. 24, 1922. Serial No. 602,940. 8 Claims. (Cl. 184—45.)



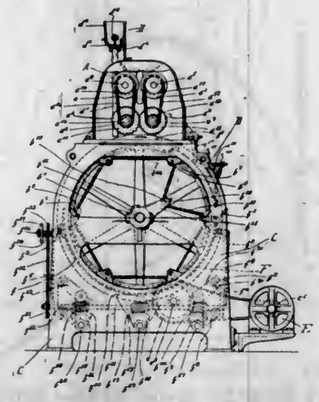
1. A lubricant cup having a discharge conduit leading therefrom, a perforate baffle plate separating the said cup into an upper and lower chamber, an absorbent in the said lower chamber extending into the said discharge conduit, a movable diaphragm in the upper chamber of said cup, a feeding conduit secured to said diaphragm and a spring positioned between said diaphragm and seated against the upper part of said oil cup whereby a constant pressure is maintained on the contents of the said oil cup in the upper chamber thereof.

1,620,558. UNWINDING DEVICE. JAMES DANIEL JOYCE, Philadelphia, Pa. Filed Mar. 22, 1926, Serial No. 96,581. Renewed Jan. 27, 1927. 12 Claims. (Cl. 242—156.)



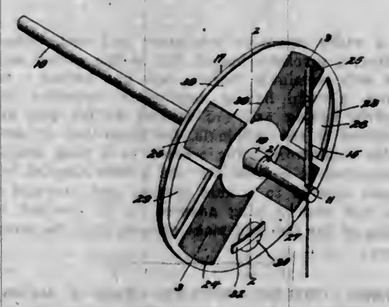
1. In combination, in an unwinding device, a rotatable spool holder, a brake drum on said spool holder and rotatable therewith, a movable compensator arm operated by the draft of the thread being delivered from said spool, a brake band frictionally engaging said brake drum throughout a portion of the length of said band, means for adjusting the effective length of said brake band to be engaged by said brake drum, and means operable by the movement of the compensator arm to vary the extent of engagement of said band with said drum.

1,620,559. DOUGH MOLDER. WILLIAM G. KIRCHHOFF, Cincinnati, Ohio, assignor to The J. H. Day Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Feb. 21, 1922. Serial No. 538,308. 24 Claims. (Cl. 107—9.)



10. A drum of the class described comprising a cylindrical body, slotted lugs disposed in pairs on the ends of the body extending radially centerward of the body, end caps extending over the ends of the body and slidable over the peripheral surface of the body, flanges on the caps extending radially outward from the opposed ends of the caps, screw bars mounted on the caps disposed in substantial parallelism with the axis of the drum and extending reciprocally thru the slots in the lugs, threaded sleeves between the pairs of lugs and engaging the screw bars, and means to revolubly actuate the sleeves, whereby the caps may be reciprocated over the body.

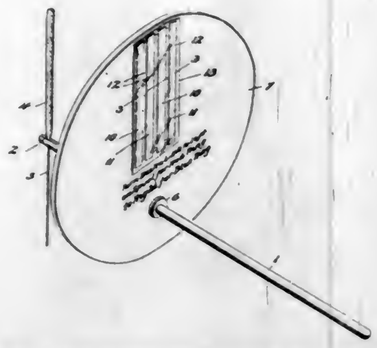
1,620,560. COLOR CHANGER FOR SPARKLERS AND ANALOGOUS LIGHTS. KOBY KOHN, New York, N. Y., assignor to Victory Sparkler & Specialty Co., Elkton, Md., a Corporation of Delaware. Filed Aug. 2, 1923. Serial No. 655,348. 12 Claims. (Cl. 46—14.)



1. A device for rapidly and repeatedly changing the color of light produced by an element carried by said device comprising in combination, a rod, means at one end of said rod for supporting a freely combustible light

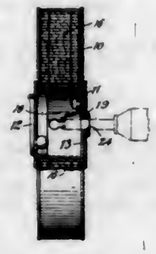
producer in fixed relation thereto and holding it projecting rigidly therefrom, a circular disk concentrically mounted on said rod between its ends having translucent differently colored sections, and means for causing relative rotation of said disk and rod.

1,620,561. AMUSEMENT AND PROTECTIVE DEVICE. KOBY KOHN, New York, N. Y., assignor to Victory Sparkler & Specialty Co., Elkton, Md., a Corporation of Delaware. Filed Dec. 27, 1923. Serial No. 683,065. 14 Claims. (Cl. 102—20.)



12. In a device for viewing sparklers and the like, a rod, means to support a sparkler at one end thereof and an apertured disc intermediate the ends of said rod.

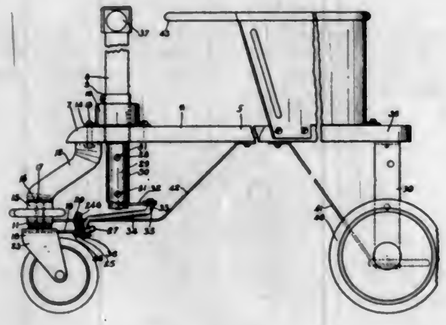
1,620,562. RADIO EXTENSION CONDUCTOR AND REEL. WILLIAM I. LICHT, Brooklyn, N. Y. Filed Aug. 31, 1925. Serial No. 53,707. 2 Claims. (Cl. 173—367.)



1. A radio extension conductor and reel, comprising a casing, a revoluble hollow hub in the casing and provided with terminals therein, said hub having a central opening, a strip having conductors embedded therein, the strip having one end secured to the hub and its conductors to the terminals, the other end of the strip and its conductors being secured to a plug adapted to be connected to a radio set, and a cord adapted to have one end secured to a loud speaker and provided at its other end with a plug adapted to be inserted in the opening of the hub and make contact with the terminals.

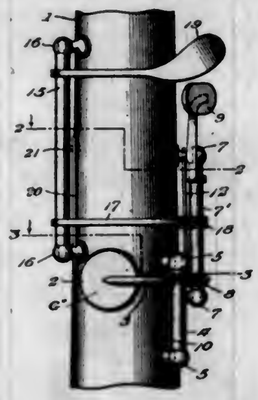
1,620,563. CHILD'S VEHICLE. EMIL M. MAYER, Cincinnati, Ohio. Filed Oct. 3, 1925. Serial No. 60,354. 6 Claims. (Cl. 208—114.)

1. In a child's vehicle the combination with a saddle, of a steering post journaled in the forward end of the saddle, a cross bar carried by said end of the saddle and disposed forwardly thereof, wheel brackets journaled at opposite ends of the cross bar, perforate lugs on the brackets, a tie-rod having its opposite ends ex-



tending through the perforations in the lugs, an arm carried by the steering post, and a link connecting the arm and the tie-rod.

1,620,564. ATTACHMENT FOR SAXOPHONES. CHARLES W. MCELROY, Philadelphia, Pa. Filed Mar. 12, 1925. Serial No. 15,097. 5 Claims. (Cl. 84—385.)

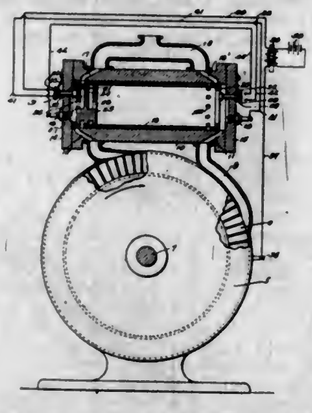


1. In a saxophone having a pivoted G-sharp vent pad, a pivoted actuating key therefor, a spring to hold it normally in engagement with the G-sharp vent pad and hold it closed, and an auxiliary pivoted key arranged opposite the first-mentioned actuating key and communicating therewith for actuating the G-sharp vent pad.

1,620,565. EXPLOSIVE CHAMBER FOR GAS ENGINES. JOSEPH B. MCKEOWN, Grantwood, N. J. Filed Oct. 1, 1923. Serial No. 665,922. 2 Claims. (Cl. 60—41.)

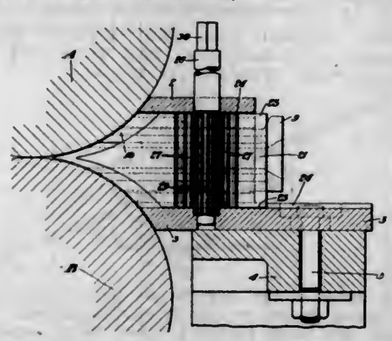
1. A power impulse generator comprising a cylinder having an inlet and an outlet port at each end thereof, a sleeve movable within said cylinder, and said sleeve having a plurality of openings passing through its side wall at a point near each end of the sleeve, a piston freely movable within the sleeve and serving to reciprocate said sleeve in response to the pressure of each fuel charge entering said cylinder, said piston having a plurality of passages adapted to register with the inlet ports of the cylinder

and by virtue of the openings in said sleeve to establish communication between the inlet ports and the interior of the cylinder, and means operating in conjunction with



the inlet and outlet ports, the openings in the sleeve and the passages in the piston for causing successive explosions for the purpose specified.

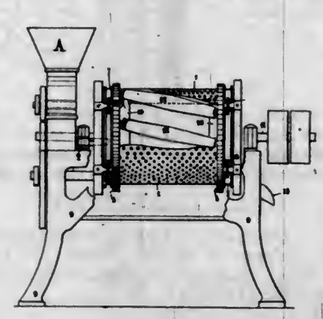
1,620,566. ROLLING-MILL GUIDE. HARRY MERCER, McDonald, Ohio. Filed Aug. 14, 1925. Serial No. 50,212. 1 Claim. (Cl. 80—51.)



A rolling mill guide comprising a casing, a pair of opposing guide members, a guide carrier slidably mounted in said casing for lateral movement, one of said guide members mounted in said carrier and movable therewith toward and away from said other guide member, a floating wedge mounted for longitudinal movement relative to said casing, projections on the top and bottom of said wedge and fitted into grooves in said casing to prevent lateral movement of said wedge, a flanged tongue projecting from the one side face of said wedge and mounted in an undercut groove in said carrier, whereby reciprocatory movement of said wedge longitudinally of said carrier will move said carrier laterally, a rack on the other side face of said weuge, and a toothed member removably mounted in said casing and in mesh with said rack and adapted to be rotated to cause a longitudinal movement of said wedge.

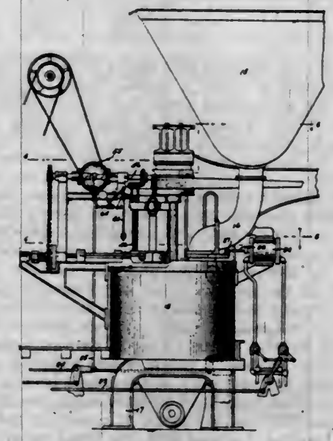
1,620,567. APPARATUS FOR CONTINUOUS EXTRACTION BY PRESSURE. PLACIDE NAVARRE, Paris, France, assignor to Société Fraisse Freres. Cavaillon, France, and Société P. Navarre et Fils, Paris, France. Filed Oct. 21, 1922, Serial No. 596,082, and in France May 26, 1922. 4 Claims. (Cl. 100—47.)

4. A continuous apparatus for extracting by a continuous, variable and adjustable pressure, comprising a rotary cylindrical drum with a perforated wall, within which is discharged the material to be treated, a support mounted in the rotary drum and receiving a rotary movement in the latter, pressure rollers loosely mounted in the rotary to be treated, blades with a smooth edge secured



on the rotary support in an inclined position relative to the pressure rollers for insuring the displacement of the material through the rotary drum, a hollow shaft carrying the support and connected to a source of fluid supply for controlling the temperature of the drum.

1,620,568. CENTRIFUGAL MACHINE. CARROLL THOMAS ORDWAY, Brooklyn, N. Y., assignor of one-half to Charles Ordway, Brooklyn, N. Y. Filed July 9, 1921, Serial No. 483,447. Renewed Jan. 24, 1927. 12 Claims. (Cl. 210—70.)



1. A discharger for a centrifugal machine including a screw threaded shaft, a traveler mounted upon said shaft, a rod carried by said traveler, a blade secured to the end of said rod, and means for turning said rod.

1,620,569. DETACHABLE ANTIGLARE LENS. AARON N. QUICK, Los Angeles, Calif. Filed Oct. 16, 1925. Serial No. 62,778. 2 Claims. (Cl. 88—41.)

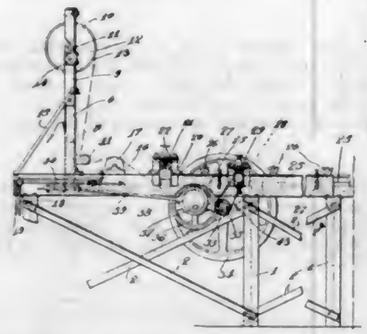
1. An anti-glare lens adapted to be applied to a spectacle lens comprising a lens formed of semi-transparent material, a pair of relatively rigid clips mounted upon the anti-glare lens adjacent the top thereof, and a resilient clip mounted adjacent the bottom thereof, said resilient clip consisting of a small strip of resilient material hav-

ing one end secured to the anti-glare lens and extending downwardly and forwardly therefrom, and then being bent upwardly and backwardly beneath the bottom edge



of the lens, said clips being adapted to engage upon the rim of a spectacle lens so as to mount said anti-glare lens thereon.

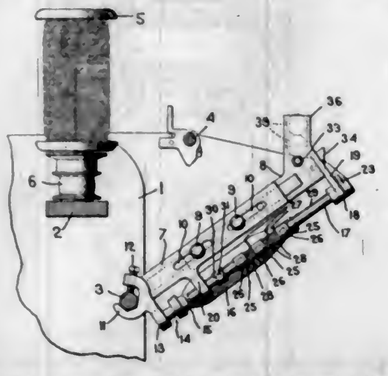
1,620,570. AUTOMATIC GLUING MACHINE FOR APPLYING PAPER TO WOOD. JOSEPH H. REYNOLDS, Bristol, Tenn. Filed Mar. 10, 1923. Serial No. 624,196. 1 Claim. (Cl. 144—279.)



A machine for applying and gluing strips of paper to wood, comprising a frame, a second frame vertically arranged on the first named frame having a feeding chute adapted to receive a plurality of wooden strips, means for holding a paper roll, a removable reciprocating feeding finger for forcing the wooden strips from the chute along the frame, eccentric means for operating the feeding finger, and means for applying glue to the paper comprising a glue pot mounted on a frame and having rotatably mounted therein a roller which functions to rotate in the glue, a suitable resilient pressure roller mounted on the frame in the rear of the glue pot, suitable springs at the ends of the pressure roller and manually operated means for varying the tension on the roller and the paper for gluing to the wooden strips, suitable brushes detachably held in position on the frame, a resilient member for tensioning the brushes, a rotary brush mounted on the frame suitably provided with an adjustable tension means and a heating coil spaced above the frame, thereby providing a machine wherein strips of wood are fed along the frame passing, together with the glued paper, under the brushes and roller, thereby causing the paper to be affixed to the strips, after which the strips are dried by passing under the coils.

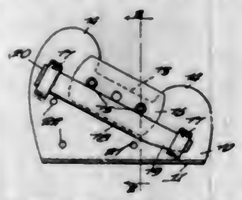
1,620,571. YARN TENSION FOR WINDING MACHINES. ALONZO E. RHOADES and ARTHUR S. JOHNSON, Hopedale, Mass., assignors to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Nov. 2, 1925. Serial No. 66,224. 3 Claims. (Cl. 242—151.)

1. A yarn winding machine comprising a yarn carrier mounted on a fixed support, a rotating yarn receiver to draw yarn from the yarn carrier, a projection from said support over which the yarn passes from the yarn carrier to the yarn receiver, a roll guide above the support, one or more superimposed rolls free to rotate and to rise and fall in said guide with their axes transverse to the yarn path and acting by gravity to produce on the yarn a rolling pressure governed in amount by the number and weight of the rolls, a yarn guide for the yarn as it leaves the yarn carrier movable into and out of position to direct the yarn in its path over the projection and



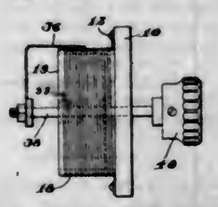
beneath the rolls, a plurality of pivotally mounted fingers resting on the yarn mass on the yarn carrier and acting to prevent ballooning of the yarn and to cause the yarn to be drawn evenly from the yarn carrier, and means operated by the yarn guide when it is moved out of position and acting to swing the fingers clear of the yarn mass.

1,620,572. THREAD AND CORD CUTTER. MORRIS ROSENBLUM, Pittsfield, Mass. Filed Mar. 9, 1926. Serial No. 93,383. 3 Claims. (Cl. 30—14.)



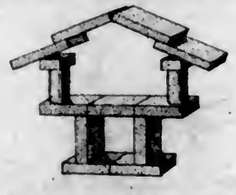
1. A device of the character set forth, comprising a body having means whereby it may be mounted on a support, said body having a cutter blade supporting means, spaced offset straps at the ends of the blade supported by said means, and a holding bar that extends the length of the space between the straps and passes through the straps behind the blade throughout its length.

1,620,573. RHEOSTAT. JOSEPH A. ROSTRON, Cambridge, Mass. Filed Mar. 7, 1922. Serial No. 541,760. 4 Claims. (Cl. 201—56.)



3. A vernier rheostat having a helical resistance coil, a longitudinally movable and rotary shaft arranged concentrically thereto, and a yielding contact carried by the shaft and movable thereby transversely and concentrically with respect to the convolutions of the helical coil for the coarse and fine regulation of the current, respectively.

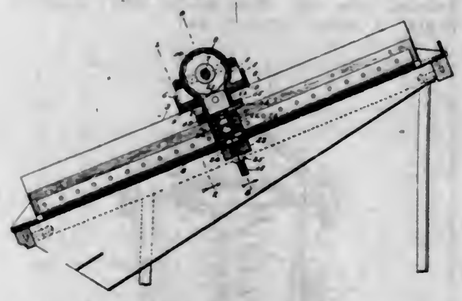
1,620,574. CHANGEABLE ASSEMBLY SET FOR AMUSEMENT AND EDUCATIONAL PURPOSES. EDWARD S. SAVAGE, Rochester, N. Y. Filed Jan. 20, 1925. Serial No. 3,625. 8 Claims. (Cl. 46—35.)



1. A changeable assembly set for amusement and educational purposes formed of a plurality of different elements shaped to be combined to provide a variety of structures and each having a yielding roughened surface coated with an adhesive material which will cause the elements to adhere to each other when placed in contact and which will maintain its adhesive property, at the same time permitting the ready separation of the elements for reassembling to produce other figures.

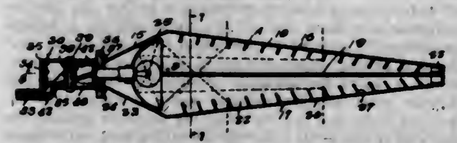
7. A changeable assembly set for amusement and educational purposes, the parts thereof composed of a rigid material, and surfaced with a fibrous material, the outer fibers of the fibrous material being coated with unvulcanized rubber.

1,620,575. VIBRATORY SCREEN. WILLIAM F. SCHADEL, Charleston, W. Va., assignor to Kanawha Manufacturing Company, Charleston, W. Va., a Corporation of West Virginia. Filed May 25, 1926. Serial No. 111,596. 2 Claims. (Cl. 74—14.)



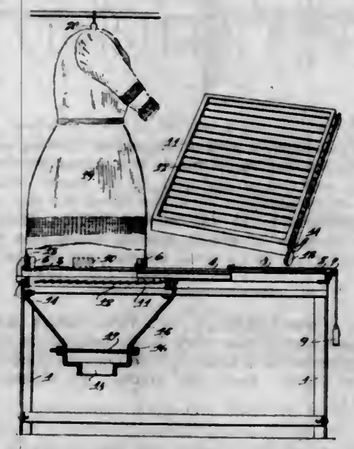
1. An actuating mechanism for vibratory screens, including a support adapted to be positioned above a screen, a housing fixed to said support, a cam in said housing, means for turning the cam, a casing secured to said housing, a rod movable through the casing and adapted to be fixed to the screen, a roller on the rod operated by the cam, a member adapted to be fixed to the lower face of the screen and through which member the said rod projects, and nuts on the rod engaging the member and the screen whereby the screen is firmly secured.

1,620,576. TRAFFIC SIGNAL. LE ROY L. SCHMIDT, South Tacoma, Wash. Filed July 8, 1925. Serial No. 42,266. 6 Claims. (Cl. 116—48.)



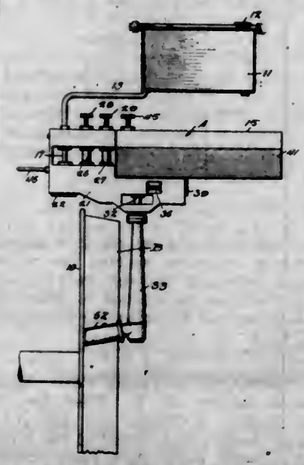
1. The combination with an automobile including a body and a steering post, of a direction signal therefor comprising a bracket secured to the side of the body embodying a hollow arm, a hollow annular bearing cuff formed on the arm, a signaling arm, an incandescent lamp carried by the inner end of the signaling arm, means for deflecting the rays of light emanated from the incandescent lamp outward from the opposite sides of the signaling arm, a bearing cup formed on the inner end of the arm rotatably mounted upon the bearing cuff, a hub formed on the bearing cup, an operating lever associated with the steering post, and a flexible cable secured to the lever extending through the hollow arm into the hollow bearing cuff and connected to said hub.

1,620,577. DRIER. ISADOR SCHUMAN, Kansas City, Mo., and BENJAMIN E. FRANK, Johnson County, Kans. Filed Nov. 10, 1926. Serial No. 147,546. 8 Claims. (Cl. 34—26.)



1. In driers, a stand, a pair of top sections on said stand having relative movement toward and from one another, means tending to separate the top sections, upstanding means carried by said top sections to fit within the bottom of a garment and spread the same, and means for delivering a drying medium upwardly between the top sections into the spread garment.

1,620,578. CAR FLANGE-WHEEL OILER. JOHN L. SCOTT, Harriston, Miss. Filed Jan. 15, 1926. Serial No. 81,498. 7 Claims. (Cl. 184—3.)



1. A locomotive flange oiler, a supply tank, an auxiliary reservoir, a cup normally arranged above the level of the oil within the reservoir when the locomotive is on a

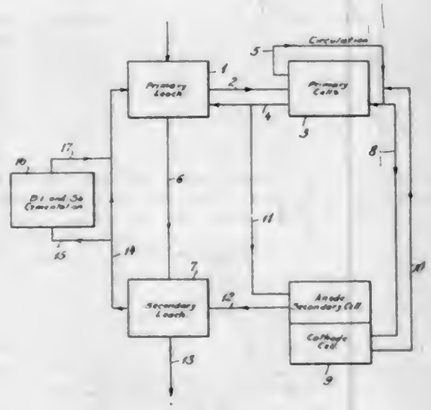
straight track, a depending supply pipe having communication with the cup, and means for controlling the flow of oil through said cup.

1,620,579. CAN GRID. NORMAN M. SMALL and LEON BUEHLER, Jr., Waynesboro, Pa., assignors to Frick Company, Waynesboro, Pa., a Corporation of Pennsylvania. Filed Jan. 21, 1926. Serial No. 82,788. 3 Claims. (Cl. 62—159.)



1. The combination with a can grid for holding a set of ice cans in ice making machines, of a supply pipe extending along each end of said grid, an air header connected to each supply pipe and extending along one side of the grid approximately to the middle thereof, and pipes mounted in pairs in spaced relation along said header for supplying air to ice cans, substantially as set forth.

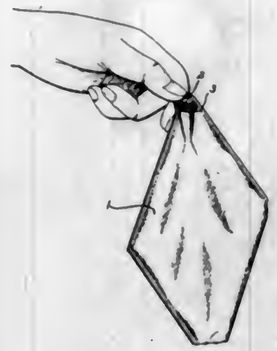
1,620,580. METALLURGY OF TIN. ELIAS ANTHON CAPPELEN SMITH, New York, N. Y., assignor to Guggenheim Brothers, New York, N. Y., a Copartnership. Filed June 27, 1925. Serial No. 40,096. 23 Claims. (Cl. 204—17.)



1. The method of recovering tin from materials containing it, which comprises leaching the material with mixed solvents containing tin and iron compounds and acids, and electrolyzing the solution to deposit a portion of the tin therefrom and to regenerate the solvent.

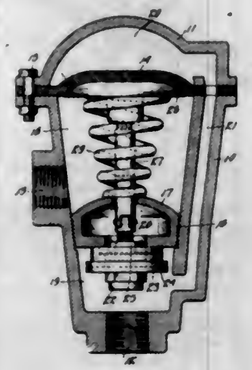
1,620,581. CHEMICAL HEATING PAD. MILDRED AURELIA SMITH, Albany, N. Y. Filed Dec. 17, 1924. Serial No. 756,537. 4 Claims. (Cl. 150—1.)

2. A chemical heating pad formed of two layers of material sewed together along their edges except at one corner, a portion of the material of one layer being cut away to permit the corner of the other layer to extend therebeyond in the form of a flap, whereby the pad can be gripped by this flap, causing a stress on the bias of the pad which forces the two layers to separate at this point, and rows of stitching extending in a converging



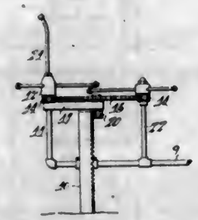
manner inwardly from this corner of the pad to join the layers and form a sort of spout or funnel passage through which water can be poured.

1,620,582. WATER RELIEF VALVE. HOMER A. THRUSH, Peru, Ind. Filed Apr. 9, 1925. Serial No. 21,916. 2 Claims. (Cl. 137—53.)



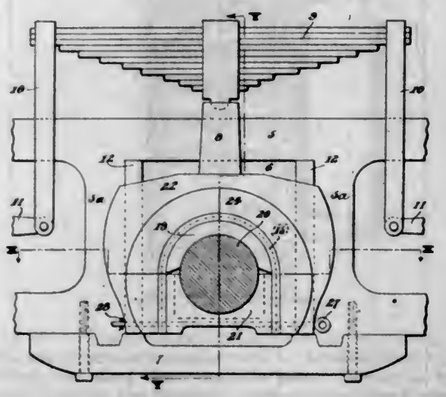
1. A valve comprising a tapered body casting having openings in its small end and tapered side forming respectively inlet and outlet passages, a hollow cap casting for closing the large end of the body casting, a hollow plug removably secured between said inlet and outlet passages and having upper and lower alined openings therethrough, a valve for normally closing the lower opening, a flexible stem attached to said valve, a diaphragm between the body and cap for directing pressure against the upper end of the valve stem for unseating said valve when pressure is directed against the diaphragm, a by-pass formed in said body casting and providing communication between the smaller end of the valve and the remote side of the diaphragm, substantially as set forth.

1,620,583. TRAVELING LAWN SPRINKLER. WILLIAM C. TODD and JAMES W. POMEROY, Victoria, British Columbia, Canada. Original application filed July 11, 1922, Serial No. 574,267. Divided and this application filed Apr. 29, 1925. Serial No. 26,750. 3 Claims. (Cl. 299—50.)



1. A water sprinkler, comprising in combination, a central stand pipe to which a water service is delivered, a pipe one end of which is pivotally connected to the water service of the stand pipe to move radially about it and to the other end of which an upright pipe is connected with a jet tube directed upward and outward therefrom, a support wheel rotatably mounted on the radial pipe adjacent the free end, a reaction sprinkler rotatably mounted on the upright pipe below the jet tube, and means for rotating the supporting wheel from the reaction sprinkler.

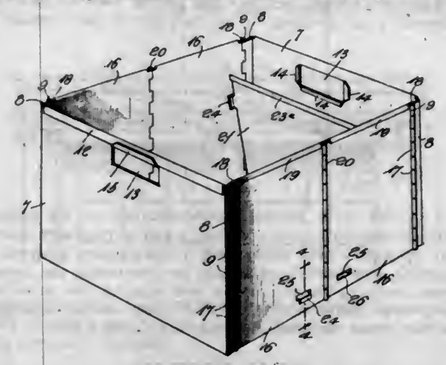
1,620,584. LOCOMOTIVE DRIVING BOX. WALTER H. UTTERBAUGH, Washington, D. C. Filed Dec. 20, 1924. Serial No. 757,238. 2 Claims. (Cl. 308—165.)



2. In a device of the type described, a drive box, an integral flange at one end thereof, the remaining end of the box being of reduced inverted U-shape and having an unbroken groove formed across the top and down both sides thereof, the top of the main portion of the box having a horizontal pocket provided therein with its bottom wall formed as an extension of the bottom wall of the top part of said groove, and a removable flange carried by the reduced end of the box, said removable flange having a continuous rib received in the groove and a horizontal boss received in said pocket, the top of the boss having a spring saddle receiving seat formed therein.

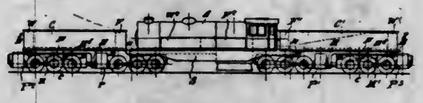
1,620,585. CRATE. FREDERICK WALTHER, Omaha, Nebr. Filed May 7, 1926. Serial No. 107,433. 4 Claims. (Cl. 220—6.)

1. A collapsible box comprising end walls, side walls comprising two members, centrally hinged to each other and to the end walls, said side members having slots therein, flanges formed in the side members adjacent the



slots, bottoms hinged to the end walls, and integral prongs formed in the bottoms and adapted to seat in the slots of the side walls and rest on the integral flanges thereon.

1,620,586. STEAM LOCOMOTIVE. ROBERT HARBEN WHITELEGG, Manchester, England. Filed Oct. 4, 1924, Serial No. 741,567, and in Great Britain Nov. 23, 1923. 33 Claims. (Cl. 105—37.)



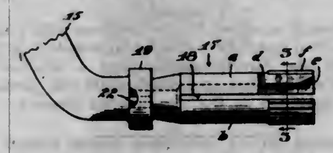
1. An articulated locomotive having a boiler unit consisting of a boiler mounted upon a frame of which the ends extend beyond the ends of the boiler, two power driven units, and a power driven group of wheels, one of the power units being flexibly connected to the power driven group of wheels and supports and is flexibly connected to one extending portion of the boiler frame, while the other power unit supports and is flexibly connected to the other extending portion of the boiler frame.

1,620,587. PLASTER COMPOSITION. AUBREY C. WILLIAMSON, New Orleans, La., assignor of thirty-six per cent to Charles E. Smith and twenty-four per cent to James K. Bagley, both of New Orleans, La. Filed Apr. 25, 1925. Serial No. 25,928. 9 Claims. (Cl. 167—6.)

5. A plastic composition comprising a hard rock-like plastic base, aromatic cedar wood dust incorporated in and evenly distributed through said base whereby to render the same porous, and creosote of wood tar.

9. A new article of manufacture comprising plaster having cedar sawdust incorporated therein to render the same vermin repellent.

1,620,588. ADJUSTABLE GOLF CLUB. RAY O. WILSON, Los Angeles, Calif. Filed Mar. 8, 1926. Serial No. 93,066. 7 Claims. (Cl. 273—79.)



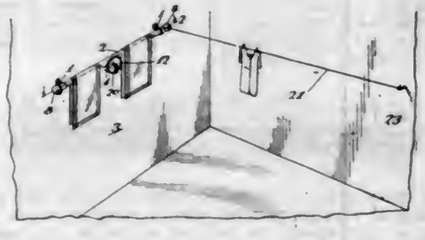
1. In an adjustable golf club, a shank, an expansible arbor thereon, a head carried by said arbor and turnable thereon, an expander for said arbor, and means for operating said expander for effecting interlocking engagement between said head and arbor.

1,620,589. SNAGLESS FISHHOOK. HANNIBAL R. ACKERMAN, Merrill, Wis. Filed June 9, 1926. Serial No. 114,701. 3 Claims. (Cl. 43—40.)



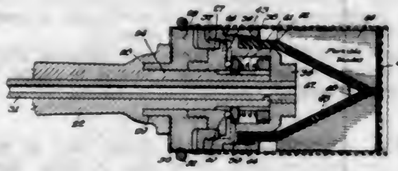
1. A fish hook provided intermediately of its length with an upwardly projecting hook, and in rear with laterally divergent twin hooks, and a downwardly projecting tapering deep blade-form sinker, for preventing the hooks from revolving in the water and causing the same to jump over obstructions, the three hooks having separate shanks joined together and braced by said sinker.

1,620,590. COMBINED TOWEL RACK AND CLOTHESLINE. ORVILLE R. BETTS, San Pedro, Calif. Filed May 25, 1926. Serial No. 111,672. 4 Claims. (Cl. 68—3.)



1. A combined towel rack and clothes line comprising a housing having a reel therein, a tube connected to the reel housing and having communication therewith, a clothes line extending through the tube and wound upon the reel, and means to support the housing and the tube on a wall or the like.

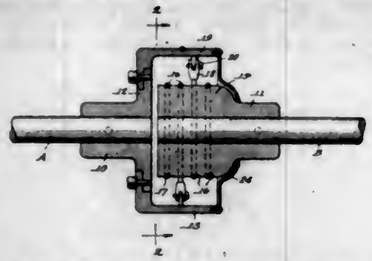
1,620,591. SCRUBBER. NORMAN B. BRALY, Paso Robles, Calif. Filed Feb. 12, 1926. Serial No. 87,929. 16 Claims. (Cl. 15—97.)



4. In a rotary scrubber, the combination with a spindle, of two carrier members rotatable thereabout, a casing mounted on the carrier member, and a scrubber head within the casing that operates against the same, said head being mounted on the other carrier member.

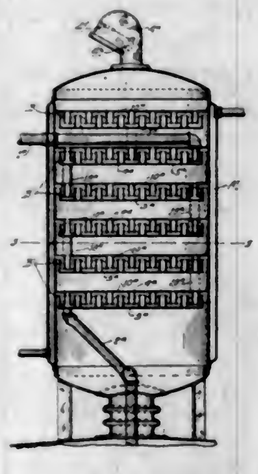
1,620,592. FLEXIBLE COUPLING. WALTER F. BRISCOE, Trenton, N. J. Filed June 22, 1926. Serial No. 117,817. 4 Claims. (Cl. 64—96.)

1. A flexible coupling, comprising concentrically disposed driving and driven members arranged one within the other, and flexible elements anchored to the inner periphery of the outer member and the outer periphery



of the inner member and partially embracing the latter, the inner member having peripheral grooves within which the flexible elements are respectively received.

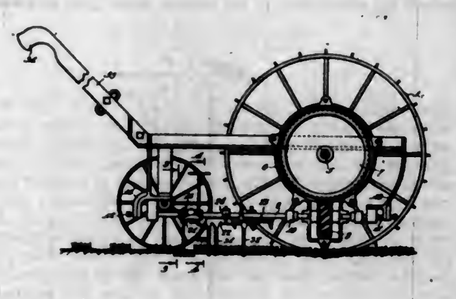
1,620,593. DISTILLING APPARATUS. WALTER E. BROWN, Kansas City, Mo., assignor to United Iron Works, Inc., Kansas City, Mo., a Corporation of Missouri. Filed Aug. 6, 1924. Serial No. 730,525. 4 Claims. (Cl. 261—114.)



1. An apparatus of the character described, comprising an upright casing through which gases circulate, a number of liquid holders arranged in said casing in superimposed relation and each comprising a number of connected trough portions that form a tortuous liquid passageway, said trough portions being separated from each other by openings through which the gases circulate longitudinally of the casing and said liquid holders being so arranged that the liquid supplied to the uppermost holder will pass successively through the other liquid holders in said casing, and means combined with each of said liquid holders and arranged over the gas passageways between the trough portions of same for causing the gases to bubble through the liquid in each holder in traveling longitudinally of the casing past the holder.

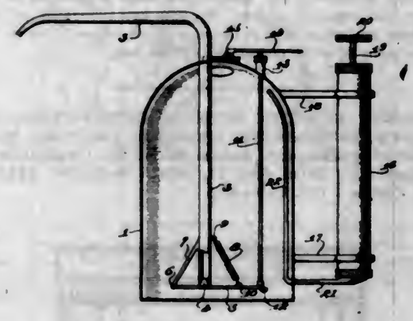
1,620,594. WEEDING MACHINE. ANDERS CHRISTENSEN, Wilson, and AUGUST WERNER WARSEN, Hartford, Conn. Filed Oct. 9, 1925. Serial No. 61,554. 2 Claims. (Cl. 97—38.)

1. In a machine of the character described, a power shaft extending in the same direction in which the machine is adapted to move when in use, a weeding structure connected with said shaft, said weeding structure including a plurality of weeding sections, each section com-



prising a series of weeding arms, a supporting plate for said arms, a clamping block for said plate, and means for adjustably securing said clamping block to said shaft.

1,620,595. PRESSURE OIL CAN. FRED M. DILLEY and CLAY F. HALLBERG, Oelwein, Iowa. Filed Apr. 15, 1925. Serial No. 23,313. 1 Claim. (Cl. 221—52.)



An oil can comprising a closed container, a discharge pipe projecting into the container through the top thereof, to a point adjacent the bottom, an air pump secured vertically and exteriorly upon and in spaced relation to the container and adapted to serve as a handle therefor, an air pipe leading from the bottom of the pump toward the bottom of the container and therefrom to a point adjacent the top thereof, a spring controlled valve on the inner end of said discharge pipe and normally closing said end, a lever pivoted at one end to the top of the container and extending toward the pump, and means operatively connecting said valve to said lever intermediate its said ends to control the operation of said valve.

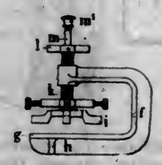
1,620,596. ROLLER-BLIND SUPPORT FOR CASEMENT WINDOWS. ORRIN FRANKLINE CORNWALLIS EWART and ANDREW EWART, Port Huron, Mich. Filed Dec. 22, 1925. Serial No. 77,061. 1 Claim. (Cl. 156—28.)

The combination with a window frame, of a pair of members extensibly connected together at their inner ends, a shade bracket secured to the outer end of one member and hingedly connected to the window frame at one side of the frame opening, a shade bracket formed integral with the outer end of the other extensible member and between which and the first mentioned bracket a shade roller is adapted to be mounted, an extensible



curtain support, and means for detachably connecting said curtain support either to the inner or outer face of the aforesaid brackets.

1,620,597. VULCANIZER. PAUL FRANÇOIS MARC ALBERT FONTANA, Cluses, France, assignor to Societe des Appareils Mephisto Jules Manfredi & Cie., Cluses, France. Filed Nov. 19, 1925, Serial No. 70,143, and in France June 25, 1925. 3 Claims. (Cl. 18—18.)



1. In a vulcanizer lighted and heated automatically, a clamping press, two diametrically arranged spark producing elements and a movable striker between said elements.

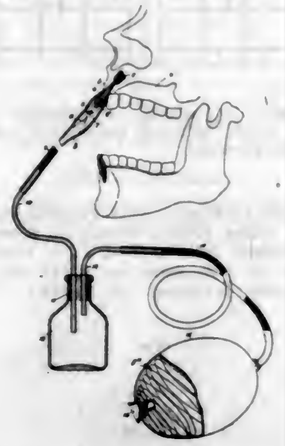
1,620,598. BOXING APPARATUS. EDGAR E. FOSTER, Montgomery, Ala. Filed Apr. 28, 1926. Serial No. 105,290. 3 Claims. (Cl. 272—76.)



1. A boxing device comprising a base having a convexly curved lower face and a substantially flat upper face, said base having a vertical socket opening through said upper face centrally of the latter, a relatively heavy substance disposed in said socket, a hollow supporting body secured at its lower end to said base so that the axis of said supporting body coincides substantially with

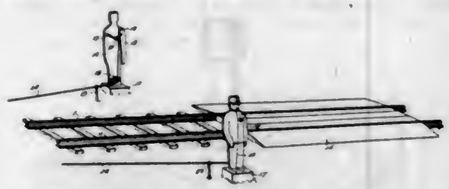
the vertical axis of said base, and a punching head carried at the upper end of said supporting body, said hollow body tapering in cross sectional area from its lower end to said punching head.

1,620,599. ARRANGEMENT FOR REMOVING SECRETIONS FROM DENTAL CANALS BY SUCTION. ROBERT FUST, Glogau, Germany. Filed Aug. 30, 1923, Serial No. 660,214, and in Germany Jan. 31, 1923. 3 Claims. (Cl. 32—7.)



1. In a dental appliance for removing secretions from dental canals by suction through the drilled crown of the tooth, in combination a suction conduit and means to create a vacuum within said suction conduit, a mouthpiece in connection with said suction conduit and in airtight communication with the drill hole in said tooth, and a clamp to guide the said mouthpiece and comprising pivotal jaws adapted to bear with lateral pressure upon the crown.

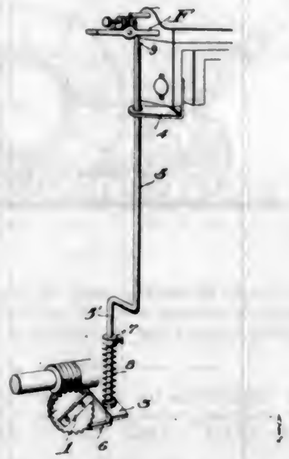
1,620,600. CROSSING SIGNAL. JOHN B. GEBHARD and HENRY ALTHAUS, Dyersville, Iowa. Filed July 1, 1926. Serial No. 119,916. 1 Claim. (Cl. 246—293.)



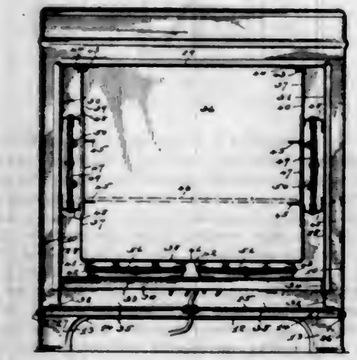
The combination with a track, a crank shaft located under the track, a short crank arm on said shaft, a ramp engaging said short crank arm and adapted to partially turn the shaft when the ramp is depressed by the passage of a wheel over the track, a relatively long crank arm on said shaft, a figure constituting a crossing signal, a pivoted arm on the signal, a pulley on the signal, and a flexible device connecting the long crank arm with the arm of the signal and passed around said pulley.

1,620,601. LOOM ATTACHMENT. ARCHIE GAGNON, Pawtucket, R. I., assignor of one-half to Charles G. Greenhalgh, Pawtucket, R. I. Filed June 3, 1926. Serial No. 113,423. 6 Claims. (Cl. 139—270.)

1. A loom attachment including a feeler having a side notch, a vertically sliding spring pressed rod having a rigid vertically disposed bevelled upper end and an outwardly extending finger at its lower end, the bevelled upper end being formed to engage in said side notch of the feeler, spring means for upwardly tensioning the rod, and a dog formed for securement to the take-up worm gear and having an end engageable with the finger to depress the rod thereby to release the feeler upon each revolution of the gear, the bevelled end of the rod being formed to cam against and move the feeler out of engagement with the yarn upon upward movement of the rod.
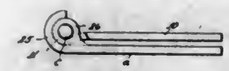


1,620,602. ELECTRIC COOKING DEVICE. BENJAMIN MAYER, Baltimore, Md., assignor to The Pronto Manufacturing Company, Baltimore, Md., a Corporation of Maryland. Filed July 21, 1926. Serial No. 123,877. 3 Claims. (Cl. 219—35.)



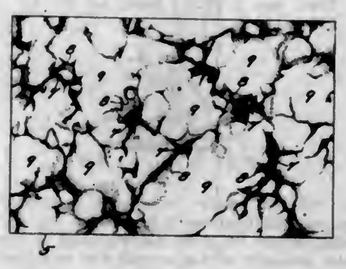
1. In an electric cooking device the combination with an outer body having a detachable bottom, an inner intermediate shell spaced from the sides, top and rear walls of and within the said outer body, said intermediate shell also being spaced from the detachable bottom except at its corners, an inner shell fitting within the said intermediate shell and being spaced from the side and bottom walls of the latter, heating units in the side spaces between the inner and intermediate shells, a switch socket attached to the detachable bottom and a heating unit in the space between the intermediate and the inner shells.

1,620,603. METHOD OF FORMING HINGES. CHARLES A. MUNSON, New Britain, Conn. Filed Apr. 16, 1926. Serial No. 102,530. 4 Claims. (Cl. 29—11.)



3. The herein described method of forming hinge leaves which consists in stamping a blank from sheet metal, reducing in thickness a portion of the blank adjacent to, but spaced slightly from, one end thereof, and thus forming in one face of the blank a depression having at one end an inclined surface merging into the body portion of the blank and at the other end a narrow portion of normal thickness, rolling the portion of reduced thickness back upon itself into cylindrical form and abutting the end edge of the blank against said inclined surface, trimming the ends of the knuckle and making the hole in the knuckle round and true.

1,620,604. METHOD OF PRODUCING RELATIVE COLOR DESIGN. RUDOLF SYKORA, Boston, Mass. Filed Apr. 22, 1922. Serial No. 556,072. 10 Claims. (Cl. 41—26.)



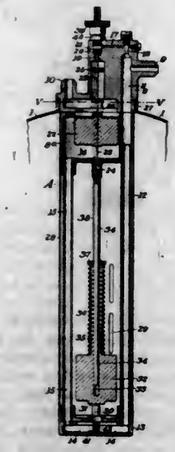
1. The method of producing a color design on an article consisting of combining solutions of dyestuffs of unlike color effects, applying this solution to the article, and then incorporating into the article a substance containing electro-positive and electro-negative ions.

1,620,605. FILM SPOOL. HERMAN A. DE VRY, Chicago, Ill. Filed Sept. 4, 1926. Serial No. 133,536. 4 Claims. (Cl. 242—71.)



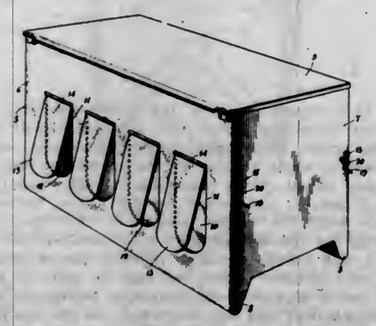
1. A film spool comprising a hub and sides, each of the sides being provided with a shaft opening, one of the openings having a plurality of outwardly extending notches to receive a key on a cylindrical shaft of a predetermined size and shaped to receive the corners of a polygonal shaft of a predetermined size, the margins of the opening between the notches being shaped to fit either the sides of a polygonal or the periphery of the cylindrical shaft with a key, and whereby the spool will be adapted to be driven by either of such shafts and to rotate on a plain cylindrical shaft.

1,620,606. METHOD OF AND APPARATUS FOR INDICATING THE AMOUNT OF LIQUID IN A SUPPLY TANK. JAMES MCELWAIN, Wheeling, W. Va., assignor of one-half to J. E. Wright, sr., Wheeling, W. Va. Filed Apr. 21, 1922. Serial No. 555,823. 8 Claims. (Cl. 116—118.)



3. A liquid gage including a tank, a conduit through which liquid is withdrawn from the tank, the conduit having an opening to the tank through which liquid normally passes from the tank to the conduit, the conduit also having a second opening through which liquid may pass from the tank to the conduit, but offering a greater resistance to flow than the first mentioned opening, means for closing the first mentioned opening when the liquid level in the tank falls to a predetermined point, adjustable means acting on said closing means for changing the predetermined level, and indicating means responsive to the varying resistance to flow substantially as described.

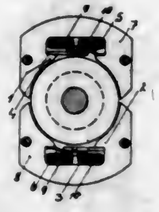
1,620,607. POULTRY FEEDER. GEORGE F. MOYERS, Osceola, Iowa. Filed Sept. 7, 1926. Serial No. 133,934. 4 Claims. (Cl. 119—63.)



1. A poultry-feeder comprising a receptacle having outer vertical straight side with a plurality of openings therein, closures for said openings hinged at their upper

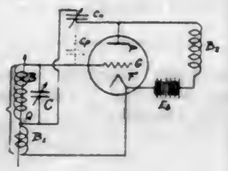
ends and movable outwardly and inwardly at their free ends to vary the size of the clearance of the openings, an operating means engaging all of the closures and provided with cranks to uniformly vary the angle of said closures.

1,620,608. ELECTRIC MACHINE WITH SPLIT POLES. HERMANN PAPST, Vienna, Austria, assignor to Edward D. Feldman, New York, N. Y. Filed May 25, 1926, Serial No. 111,586, and in Austria Mar. 11, 1925. 3 Claims. (Cl. 171—252.)



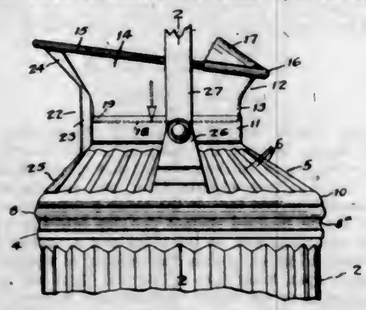
1. In a split pole dynamo electric machine having brushes interposed midway between the pole gaps, means interposed between said poles for shifting the pole clearance to an unsymmetrical position with respect to said pole gaps, whereby the path of the cross magnetizing field of the motor armature during load is shifted to produce a substantially neutral zone in the region of said brushes, said means comprising a single member adapted to be detachably connected to either of the opposite edges of two adjacent poles to shift the position of said pole clearance.

1,620,609. RADIO APPARATUS. GEORGE SOMERSALO, Providence, R. I. Filed Feb. 9, 1926. Serial No. 86,985. 7 Claims. (Cl. 179—171.)



1. In a signaling system, the combination of a three-element thermionic device with an input circuit and an output circuit, said input circuit including a coil, one terminal of which is connected to the grid of said device and said output circuit connecting the plate and filament of said device; and means for preventing feed-back of energy from the output circuit to the input circuit through the inherent capacity between electrodes of the device, said means including a capacity interposed between the other terminal of said coil and the plate of said device, and a separate coil electrically interposed between one terminal of said first-mentioned coil and the filament of said device, said coils being inductively related to each other and the one wound oppositely with respect to the other, the coupling between said two coils being less than unity.

1,620,610. MEASURING BUCKET OR VESSEL. AUGUSTINE DAVIS, Jr., Cincinnati, Ohio. Filed Nov. 16, 1925. Serial No. 69,358. 2 Claims. (Cl. 73—62.)



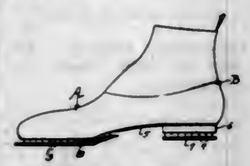
1. In a measuring bucket, a breast having an upstanding neck flange, and a spout member having a neck portion formed with an inwardly bent calibrating flange at the bottom, said member being set telescopically into said flange and welded thereto with said calibrating flange at an ascertained level.

1,620,611. FASTENER. EMANUEL DRESNER, Chicago, Ill. Filed Apr. 2, 1925. Serial No. 20,143. 7 Claims. (Cl. 292—118.)



1. A lock for luggage comprising a housing, an arm pivoted on said housing to lie flat on top of the same or swing up at an angle thereto, and a bolt pivoted about its own axis normal to said arm to project through said housing and fasten an element below the same.

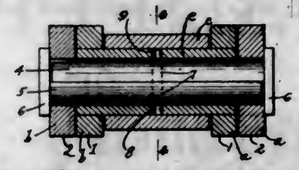
1,620,612. SHOE. ROBERT E. MCKIBBEN, Warrendale, Pa. Filed Nov. 25, 1922. Serial No. 603,277. 1 Claim. (Cl. 36—12.)



In a shoe, an upper having its lower portion turned under, a top sole beneath and secured to the turned under portion of the upper, a frame fitting within the upper and above the turned under portion thereof, pointed members carried by and permanently associated with the frame, said members passing through the turned under portion of the upper and through the top sole and projecting beyond the outer face thereof, and an outer sole driven onto the projecting portions of said pointed members and secured in position thereby.

1,620,613. CHAIN. HERMAN V. SHIRLEY, Long Beach, Calif. Filed Nov. 15, 1923. Serial No. 674,868. 7 Claims. (Cl. 74—32.)

2. In a chain, the combination, of two spaced links, a pin between such links, said pin being formed in cooperative halves, each one of said halves being formed with a transverse bore and means adapted to be received within such transverse bores of the two halves for holding



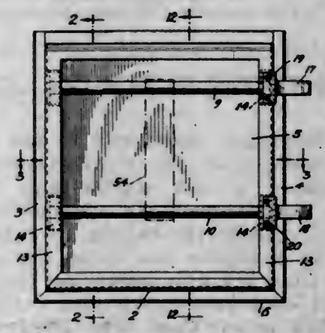
the pin in position of service to such links; each half of the said pin being formed wtih a head, which heads are adapted to engage opposite sides of the links.

1,620,614. VEHICLE DOOR CONSTRUCTION. ALBERT L. LAMBERT, Narberth, Pa., assignor to Heintz Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 15, 1923. Serial No. 662,803. 5 Claims. (Cl. 296—44.)



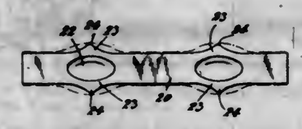
1. In a door of the character described, in combination, a rear panel having along its upper edge an overhanging flange spaced rearwardly of the panel, a front panel member having a portion extending rearwardly over the top of the door and having an overhanging flange fitting over the overhanging flange of said rear panel, an upholstery pad on the rear of the door, the upper edge of said pad being seated behind and overlapped by said overhanging flanges, and an offset formed on the rear panel seating against said pad and locating the top edge of the pad closely against said overhanging flanges.

1,620,615. VEHICLE DOOR CONSTRUCTION. ALBERT L. LAMBERT, Narberth, Pa., assignor to Heintz Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 19, 1923. Serial No. 663,524. 4 Claims. (Cl. 296—44.)



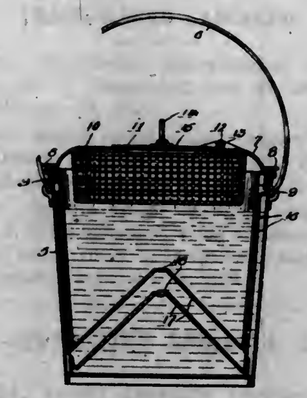
1. In vehicle door construction, the combination with two opposed edge members, of a tubular member extending between said edge members, end plates rigidly secured to said tubular member, one at each end thereof, and each plate being rigidly secured to one of said opposed edge members, and a hinge secured to one of said edge members and to one of said end plates adjacent an end of said tubular member, whereby said end plate and tubular member reenforce the door at the hinge.

1,620,616. METHOD OF MAKING AXLE HOUSINGS. ALBERT L. LAMBERT, Philadelphia, Pa., assignor to Heintz Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 21, 1926. Serial No. 82,670. 3 Claims. (Cl. 29—153.)



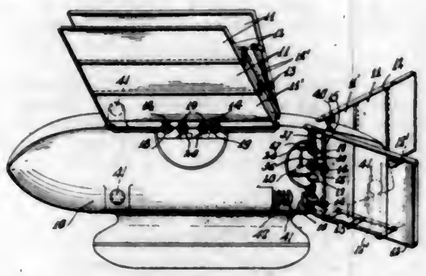
1. The method of making axle housing sections, which consists of widening laterally to the required width predetermined portions of a sheet metal blank which would otherwise be too narrow for the section, leaving metal of the original thickness of the blank at the side edges of the widened portions, the blank being thereby rendered thinner between said side edges, cutting the blank down to predetermined shape, and fashioning the blank to have a bowed portion with oppositely extending arms and to have transverse curvature, with said widened portions located at the juncture between the arms and the bowed portion, so that the side walls at the widened portions will have the original thickness of the blank.

1,620,617. FISHERMAN'S BAIT TRAP AND CARRIER. LOUIS MARSH and OLIVER J. DUFRESNE, St. Paul, Minn.; said Louis Marsh assignor to said Oliver J. Dufresne. Filed Apr. 25, 1925. Serial No. 25,817. 1 Claim. (Cl. 43—56.)



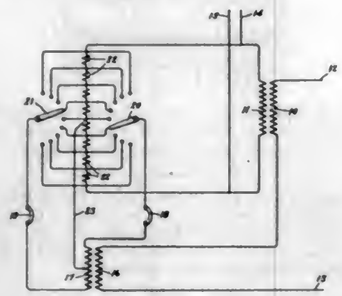
The combination with a container for water, of a minnow trap, formed in sections adapted to be telescoped one within the other within said container, and a cover for said container composed of foraminous material throughout the greater portion of its area, a foraminous basket rigidly attached thereto and positioned above the water in said container, said cover closing the top of said basket and said cover being provided with a spring-actuated door arranged to allow access to the interior of said basket.

1,620,618. PROPELLING, LIFTING, AND STEERING DEVICE FOR AIRSHIPS. ANTONIO CHIARELLI, New York, N. Y. Filed Feb. 4, 1926. Serial No. 85,902. 8 Claims. (Cl. 244—20.)



1. In a device of the class described, having pivotally mounted frame members pivotally supporting wing members, the inner wing members having gears coaxially mounted to its pivot, and a motor having an eccentric on the end of its shaft, the combination of a shaft, gears on said shaft meshing with said gears, a support, a gear sector pivoted to said support, said gear sector being formed with an extended arm, another gear on said shaft meshing with said sector, another support, a dog pivoted to said support, one end of said dog engaging said eccentric, the other end engaging said extended arm, and means for changing the distance between said supports.

1,620,619. TRANSFORMER-VOLTAGE-REGULATING SYSTEM. PHILIP M. CURRIER, Ballston Lake, N. Y., assignor to General Electric Company, a Corporation of New York. Filed June 29, 1926. Serial No. 119,455. 4 Claims. (Cl. 171—119.)



1. The combination with a main transformer of a transformer having a winding provided with taps, a voltage regulating transformer having one winding connected in series with a winding of said main transformer and a second winding having a connection from an intermediate voltage point thereof to an intermediate point of said tapped winding, and means for connecting each end of said second winding of the voltage regulating transformer to selected taps of said tapped winding.

Patents Nos. 1,620,620 to 1,621,485.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 356—No. 3. TUESDAY, MARCH 15, 1927. Price—$5 per year

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.

CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

CONTENTS.

	Page.
ISSUE [OF MARCH 15, 1927	495
DISCLAIMER	495
TRADE-MARKS CANCELED	495
NOTICE—CHANGES IN PATENT OFFICE FEES	495
APPLICATIONS UNDER EXAMINATION	496
DECISIONS OF THE U. S. COURTS—	
Gray v. Greene. Greene v. Gray	497
American Watch Import Company v. Western Clock Company	498
PATENT SUITS	499
ADJUDICATED PATENTS	500
ADVERSE DECISIONS IN INTERFERENCE	500
INTERFERENCE NOTICES	500
TRADE-MARKS PUBLISHED (286 APPLICATIONS)	501
TRADE-MARK REGISTRATIONS GRANTED	540
TRADE-MARK REGISTRATIONS RENEWED	553
LABELS	557
PRINTS	558
REISSUES	559
DESIGNS	560
PATENTS GRANTED	560

Issue of March 15, 1927.

Trade-Marks	228	No. 225,121 to No. 225,448,	inclusive.
T. M. Renewals	120		
Labels	23	No. 31,773 to No. 31,805,	inclusive.
Prints	29	No. 9,809 to No. 9,831,	inclusive.
Reissues	5	No. 16,570 to No. 16,574,	inclusive.
Designs	48	No. 72,202 to No. 72,249,	inclusive.
Patents	286	No. 1,620,620 to No. 1,621,485,	inclusive.
Total	1,433		

Disclaimer.

1,533,616.—*Stanley D. Shipley* and *Guy C. Given*, Stamford, Conn. LACQUER AND LACQUER ENAMEL. Patent dated April 14, 1925. Disclaimer filed February 24, 1927, by the assignee, *Atlas Powder Company*.

Hereby enters this, its disclaimer, to the subject matter of claims 1, 2, 3, 5, 12, 13, 14, 16, 18, 21, and 22 of said patent, said claims being as follows:

"1. A composition comprising nitrocellulose and ethyl-glycol.

"2. A composition comprising nitrocellulose, ethyl-glycol, and a nonsolvent diluent miscible therewith without precipitation of the nitrocellulose.

"3. A composition comprising nitrocellulose, ethyl-glycol and a hydrocarbon diluent miscible with the same without precipitation of the nitrocellulose.

"5. A composition comprising nitrocellulose, ethyl-glycol and a benzene hydrocarbon.

"12. A nitrocellulose solvent mixture, the essential constituent of which is ethyl-glycol ($OHCH_2CH_2OC_2H_5$).

"13. A nitrocellulose solvent comprising a mixture of ethyl-glycol and a nonsolvent of nitrocellulose miscible as a diluent with said mixture.

"14. A nitrocellulose solvent comprising a mixture of ethyl-glycol and a hydrocarbon miscible as a diluent with said mixture.

"16. A nitrocellulose solvent comprising a mixture of ethyl-glycol and a benzene hydrocarbon.

"18. A nitrocellulose solvent comprising a mixture of ethyl-glycol and benzene.

"21. The process of forming a body of nitrocellulose which comprises dissolving nitrocellulose in a solvent consisting essentially of ethyl-glycol ($OHCH_2CH_2OC_2H_5$) and evaporating said mixture.

"22. The process of forming a body of nitrocellulose comprising dissolving nitrocellulose in a mixture of ethyl-glycol and a nonsolvent for nitrocellulose and causing the said mixture to evaporate."

TRADE-MARKS CANCELED.

186,736. Mincemeat. Merrell-Soule Company, Syracuse, N. Y. Registered July 22, 1924. Canceled February 23, 1927.

196,453. Salami sausage and summer sausage. Arnold Busch & Sons, Chicago, Ill. Registered March 17, 1925. Canceled February 23, 1927.

202,815. Certain named medicinal preparations. William J. O'Shaughnessy, doing business as H. O. Company, Brooklyn, N. Y. Registered September 1, 1925. Canceled February 23, 1927.

NOTICE—CHANGES IN PATENT OFFICE FEES—EFFECTIVE APRIL 14, 1927.

The act of Congress approved February 14, 1927, amends section 4934, Revised Statutes, so as to provide (except in design cases) a fee on filing each original application for a patent of $20 and of $1 for each claim in excess of twenty, and on issuing each original patent, of $20 and of $1 for each claim in excess of twenty.

The new rates are effective in connection with all applications filed on or after April 14, 1927, and all final fees paid on or after that date.

In every case which contains more than twenty claims, the payment after April 13, 1927, of a final fee of $20, or less than $20 plus $1 for each claim in excess of twenty, will not save the case from forfeiture.

Condition of Applications Under Examination at Close of Business March 4, 1927.

(Total number of applications awaiting action, excluding Trade-Mark Division, 55,382; Trade-Mark Division, 1,934. Oldest new case, July 17, 1926; oldest amended, July 17, 1926. The dates given are 1926 except where † indicates 1927.)

Room No.	Divisions, Examiners, and Subjects of Inventions.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders	Dec. 20	Dec. 23	451
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Nov. 6	Nov. 6	667
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Oct. 14	Oct. 12	1,471
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Oct. 2	Oct. 6	1,403
106*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters	Sept. 21	Sept. 21	915
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Sugar and Starch.	Aug. 5	Aug. 31	1,979
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Oct. 1	Oct. 1	1,203
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Oct. 23	Nov. 2	1,602
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Dec. 20	Dec. 23	656
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops	Oct. 20	Oct. 22	1,152
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.	Dec. 6	Dec. 4	788
380	12. PIERCE, P. P., Machine Elements	Nov. 1	Nov. 1	1,001
144*	13. OLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Oct. 2	Nov. 1	1,086
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 16	Oct. 6	1,030
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Nov. 4	Nov. 4	1,230
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Nov. 8	Nov. 16	714
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 5	Oct. 4	732
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 21	Aug. 20	973
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Nov. 19	Nov. 15	725
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Oct. 30	Oct. 25	909
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Oct. 5	Oct. 6	915
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 13	Sept. 8	818
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 25	Nov. 12	541
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 7	Sept. 8	955
314	25. LIGHTFOOT, J. H., Agitating, Butchering; Classifying Solids; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Oct. 14	Oct. 19	1,199
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 16	Oct. 1	868
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 13	Nov. 19	799
225	28. BENSON, A. R., Internal-Combustion Engines	Oct. 26	Nov. 15	1,100
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Oct. 5	Oct. 5	1,141
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Nov. 6	Dec. 1	916
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Oct. 12	Oct. 7	1,477
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Nov. 4	Nov. 2	896
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Nov. 29	Dec. 1	1,161
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.	Sept. 21	Oct. 1	763
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Dec. 1	Dec. 8	720
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Dec. 15	Dec. 13	741
224*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	Oct. 3	Oct. 1	1,380
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells	Sept. 1	Aug. 17	993
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Dec. 9	Dec. 1	406
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles	Nov. 2	Nov. 6	1,492
125	41. BROWN, J. L., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Dec. 4	Nov. 30	643
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Sept. 18	Sept. 16	1,440
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 22	Nov. 22	809
258	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Sept. 25	Sept. 10	1,279
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Nov. 19	Nov. 24	777
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Oct. 23	Oct. 14	919
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 10	Nov. 10	1,276
213*	48. ROEPKE O. B., Electricity, General Applications	Sept. 13	Sept. 13	1,032
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.	Sept. 18	Sept. 20	970
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Nov. 11	Nov. 18	1,137
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission	Sept. 13	Sept. 11	1,258
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Oct. 25	Oct. 23	1,101
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Oct. 25	Oct. 21	839
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes	July 17	July 17	1,700
102	Designs: ——— (Acting)	†Feb. 3	†Feb. 18	406
168	Trade-Marks, Labels, and Prints: F. A. RICHMOND {Trade-Marks	†Jan. 26	†Feb. 16	1,742
	{Labels and Prints	†Feb. 12	†Feb. 17	192

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Court of Appeals of the District of Columbia.

GRAY *v.* GREENE. GREENE *v.* GRAY.

No. 1,881. Decided December 6, 1926.

1. INTERFERENCE—ISSUE—COUNTS WHICH ORIGINATED IN A PATENT—CONSTRUCTION OF.

Counts which originated in a patent should be given the meaning plainly intended by the patentee.

2. INTERFERENCE—CLAIMS OF PATENT TAKEN AS ISSUE—CONSTRUCTION OF.

Where certain counts of the interference, which originated in G.'s patent, provide for a reactance to be cut into the primary circuit of an electric furnace, and in G.'s patent this is accomplished by the use of reactance coils which are cut into or out of the primary circuit by means of switches, *Held* that the provision for a reactance introduced or cut into the primary circuit does not mean a reactance element introduced in the secondary circuit and producing a similar result.

APPEAL from the Commissioner of Patents. Affirmed in part.

Mr. D. A. Usina and *Mr. E. W. Shepard* for Gray.

Mr. E. W. Merchant, Mr. Merton W. Sage, Mr. Geo. J. Hesselman, and *Mr. R. K. Stevens* for Greene.

Before MARTIN, Chief Justice, VAN ORSDEL, Justice, and HATFIELD, Judge U. S. Court of Customs Appeals.

MARTIN, *C. J.:*

These are cross appeals from a decision of the Commissioner of Patents in a patent interference proceeding.

Gray filed his application with eight claims on July 20th, 1918; his patent was regularly issued on September 10th, 1918. About a year later, to wit on September 8th, 1919, Greene filed, copying all of Gray's claims. An interference was declared, the eight counts being copies of Gray's claims. Greene is accordingly bound to prove his case beyond a reasonable doubt. Testimony was taken by both parties. The Examiner of Interferences awarded priority as to all of the counts to Gray; this decision was affirmed by the Examiners in Chief; but upon appeal the Commissioner of Patents awarded priority to Greene as to counts 1, 2, 4 and 7, and to Gray as to counts 3 and 6; the appeal was dismissed by consent as to counts 5 and 8. These cross appeals were then taken.

[1, 2] The invention relates to electric furnaces for melting and refining metals, and particularly to the use of high and low voltages during the melting and refining periods respectively, and the method and means for cutting a reactance into the power circuit during the melting period in order to prevent excessive surges of the current and consequent interruption of the arc, and for cutting the reactance out during the refining period in order to secure a good power factor. The apparatus consists in part of a transformer, producing an induced E. M. F. by means of primary and secondary circuits acting in correlation. The entire construction is fully described in the decisions of the Patent Office and need not be repeated here.

The following are the counts in controversy:

1. The method of melting and refining metal in an electric furnace which consists in supplying a current of comparatively high E. M. F. to the electrodes during the melting-down period to produce a comparatively long arc and cutting a reactance into the primary circuit to thereby insure continuity of the arc and prevent surges on the power line.

2. The method of melting and refining metal in an electric furnace which consists in changing the E. M. F. from a higher to a lower voltage when performing respectively the melting-down and refining operations, reactances being introduced into the circuit at the time the charge is being melted down and the higher E. M. F. used.

3. The method of varying the kwh. input into electric furnaces for melting down and refining the charge which consists in introducing a current of high E. M. F. through a reactance in the circuit to prevent surges on the power line and subsequently cutting out said reactance and introducing a comparatively low E. M. F. during the finishing or refining period.

4. In combination with an electric furnace, circuit arrangements whereby a reactance is introduced in the primary circuit and comparatively high voltage utilized during the melting down of the charge and means whereby the E. M. F. may be lowered during the finishing operation to vary the intensity of the heat generated at the electrodes to prevent injury to the said walls and roof of the furnaces.

6. In combination with the electrodes of an electric furnace a transformer and means whereby the E. M. F. and the reactance in the primary circuit may be varied to insure the continuity and vary the intensity of the arc within the furnace.

7. In combination with the electrodes of an electric furnace, a transformer, reactance coils and means whereby the reactance coils may be cut in circuit with windings of the transformer during the melting down of the charge to permit the use of the comparatively high E. M. F. and long arc with a current of great strength without producing excessive current fluctuations or surges on the line, and means whereby a comparatively lower E. M. F. may be impressed on the windings of the transformer to give a shorter arc during the finishing or refining period.

The record discloses that the evidence in the case was first carefully reviewed and considered by the Examiner of Interferences, who found that Greene should be restricted to his filing date for reduction to practice as to all of the counts, and for conception as to counts 1, 4, 5, 6 and 8; that as to counts 2, 3, and 7, Greene had established conception as early as March, 1917, but had failed in diligence between the respective filing dates of the parties. Priority was accordingly awarded to Gray as to all of the counts. The evidence was

again fully considered by the Examiners in Chief with similar results. We think these conclusions are fully supported by the record.

The Commissioner of Patents however has held upon the evidence that Gray was the first to conceive and the first to reduce to practice as to counts 3 and 6; but that Greene was the first to conceive and the first to reduce to practice as to counts 1, 2, 4, and 7.

It will be noted that counts 1 and 4 of the interference provide for a reactance to be cut into the primary circuit during the melting process. In Gray's patent this is accomplished by the use of reactance coils which are cut into or out of the primary circuit by means of switches. Greene's disclosure has no provision for any reactance elements to be cut into or out of the primary circuit. The Commissioner however held that a similar effect was produced in Greene's apparatus by means of reactance coils in the secondary circuit, saying that it is well understood that when a reactance coil is introduced into a secondary circuit its reactance is simultaneously introduced into the primary circuit, and that the lag produced by the reactance coil appears in both circuits. In our opinion, however, these counts, which originated in Gray's patent, should be given the meaning plainly intended by the patentee, and we see no escape from the interpretation that the provision for a reactance introduced or cut into the primary circuit, means a reactance element actually serving in the primary circuit, and not an element used in the secondary circuit producing a similar result. We are unable therefore to agree with the Commissioner's conclusion respecting counts 1 and 4. In respect to counts 2 and 7 it will be observed that both counts provide for the melting and refining of metal in the electric furnace by changing the E. M. F. from a higher to a lower voltage when performing respectively the melting-down and refining operations, reactances being introduced into the circuit at the time the charge is being melted down and the higher E. M. F. used. The Commissioner held upon the evidence that Greene in the year 1917 must have contemplated operating a system with reactance coils in circuit at some time, and accordingly his system would support these counts which say nothing about cutting the coils out during the low-voltage period. We think this conclusion is erroneous. Counts 2 and 7 provide for the cutting in of the reactance coils during a specific period, to wit the melting-down period, whereas Greene's prior device fails to show or describe the relation between the cutting in and out of the reactance and the change of voltage called for by these counts. It is not apparent that Green had in mind in 1917 that it was especially desirable to introduce reactance into the circuit during the melting-down period in the process of melting and refining metal.

We are therefore of the opinion that the Commissioner of Patents erred in awarding priority to Greene as to counts 1, 2, 4, and 7, and his decision to that effect is accordingly reversed, with directions to award priority as to these counts to Gray. The decision awarding priority to Gray as to counts 3 and 6 is affirmed.

Court of Appeals of the District of Columbia.

AMERICAN WATCH IMPORT COMPANY v. WESTERN CLOCK COMPANY.

No. 1,867. Decided December 6, 1926.

1. TRADE-MARKS—GEOGRAPHICAL NAMES—ACT OF 1905—10-YEAR PROVISO.

   A geographical name which is not capable of exclusive appropriation as a trade-mark at common law may be registered under the 10-year proviso of the act of February 20, 1905.

2. SAME—"AMERICUS"—"AMERICA"—DECEPTIVE SIMILARITY—WATCHES—CLOCKS—SAME DESCRIPTIVE PROPERTIES.

   The names "Americus" and "America" are obviously so similar as to be likely to cause confusion in the trade if used upon goods having the same descriptive properties, such as watches and clocks.

APPEAL from the Commissioner of Patents. Affirmed.

Mr. O. F. Barthel for American Watch Import Company.

Mr. E. S. Rogers for Western Clock Company.

Before MARTIN, Chief Justice, VAN ORSDEL, Justice, and HATFIELD, Judge U. S. Court of Customs Appeals.

MARTIN, *C. J.:*

This is an appeal from a decision of the Commissioner of Patents sustaining an opposition to the registration of a trade-mark.

The record discloses that on December 4, 1906, the appellee, the Western Clock Company, regularly obtained a registration in the Patent Office of its trade-mark consisting of the name "America", for use upon clocks. The registration was allowed under the proviso in section 5 of the act of February 20, 1905, permitting the registration of marks which had been in the actual and exclusive use of the applicant or his predecessors for 10 years next preceding the passage of the act. The appellee has continued in the use of the registered mark, having sold more than 12,000,000 clocks bearing it, and having spent more than $700,000 in advertising its America clocks.

On May 20, 1923, the appellant, the American Watch Import Company, filed an application in the Patent Office for registration of its trade-mark consisting of the word "Americus", for use upon watches, claiming use of the mark in its business since June 1, 1922.

This application was opposed by the appellee as an attempted infringement of its prior mark, the appellee claiming that the goods in question, to wit clocks and watches, were of the same descriptive properties, and that the substantial identity of the two marks would be likely to lead to confusion in the trade, to its damage.

The opposition was heard upon testimony, and was sustained by concurring decisions in the Patent Office, whereupon this appeal was taken.

[1] We think this decision was correct. It is true the name "America" is a geographical name which is not capable of exclusive appropriation as a trade-mark at common law. But it has been held that such a mark may be registered under the 10-year proviso of the act of February 20, 1905. *Scandinavian Belting Co.* v. *Asbestos & Rubber Works*, 257 Fed. 937. See also *Thaddeus Davids Co.* v. *Davids Mfg. Co.*, 202 O. G. 952, 233 U. S. 461.

[2] The names "Americus" and "America" are obviously so similar as to be likely to cause confusion in the trade if used upon goods having the same descriptive properties, such as watches and clocks. This would probably lead to the appropriation by the later registrant of the goodwill built up by the opposer, to the injury and damage of the latter. In *N. Wolf & Sons* v. *Lord & Taylor*, 202 O G. 632, 41 App. D. C. 514, this court held that the registration, for knitted and textile underwear, of a trade-mark which is identical with a registered mark in use by the opposer for hosiery, will be denied as tending to mislead or confuse the purchasing public; and damage to the opposer need not be shown, since such a conflict implies damage, both to the opposer and to the public. See also *Oppenheim, Oberndorf & Co. Inc.* v. *President Suspender Co.*, 332 O. G. 5, 3 Fed. (2d) 88.

The record does not disclose any actual abandonment by appellee of its mark; nor do we find that appellee's mark was used as a "grade-mark" only; nor that appellee is estopped from maintaining its present opposition.

This court has adopted a strict rule in refusing registration in all cases where the apparent similarity would probably lead to confusion in trade, holding that the field of selection for marks is so broad that no necessity exists for the invasion of one trader upon even the apparent rights of another, and that the broadest protection will be afforded the purchasing, consuming public by the courts. *Summit City Soap Works* v. *Standard Soap Company*, 174 O. G. 587, 37 App. D. C. 604.

Upon a consideration of the entire record we affirm the decision of the Commissioner of Patents.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

801,155, Raphael & Toops, Folding automobile hood, suit filed Jan. 31, 1927, D. C., W. D. Mich. (S. Div.), Doc. 3230, *H. Raphael et al* v. *Hayes-Ionia Co.*

1,018,502 (*a*), Just & Hanaman, Incandescent body for electric lamps; 1,180,159, I. Langmuir, Incandescent electric lamp, suit filed Jan. 28, 1927, D. D., S. D. N. Y., Doc. E 40/152, *General Electric Co.* v. *F. & S. Gas & Electric Supply Co., Inc., et al.* Same, suit filed Jan. 27, 1927, D. C. N. J., Doc. E 2303, *General Electric Co.* v. *Continental Lamp Co. et al.*

1,018,502 (*b*), Just & Hanaman, Incandescent body for electric lamps; 1,423,956, Mitchell & White, Tipless incandescent electric lamp; 1,423,957, same, Stem-making machine, suit filed June 29, 1926, D. C. N. J., Doc. E 2060, *General Electric Co.* v. *Electrical Industrial Laboratories et al.* Decree pro confesso Jan. 22, 1927.

1,018,502 (*c*), Just & Hanaman, Incandescent body for electric lamps; 1,180,159, I. Langmuir, Incandescent electric lamp; 1,423,956, Mitchell & White, Tipless incandescent electric lamp; 1,423,957, same, Stem-making machine, suit filed June 30, 1926, D. C. N. J., Doc. E 2063, *General Electric Co.* v. *H. & D. Radio Co. et al.* Decree pro confesso Jan. 22, 1927.

1,022,866, H. M. Norris, Automatic spindle stop; Re. 14,755, same, Friction clutch; 1,058,254, same, Radical drill; 1,140,906, D. C. Klausmeyer, Combined locking and clamping device, suit filed Jan. 31, 1927, D. C., S. D. N. Y., Doc. E 40/180, *The Cincinnati Bickford Tool Co.* v. *Morey & Co.*

1,056,498, C. C. Buckels, Outlet-box support, suit filed Oct. 11, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K 109–H, *Roach-Appleton Mfg. Co.* v. *Safety Electric Products Co.*

1,058,254. (See 1,022,866.)

1,093,251, Brosch & Aufschnaiter, Apparatus for effecting subaqueous irrigation of the bowels, suit filed Mar. 5, 1925, D. C., S. D. N. Y., Doc. E 31/239, *A. Klaiber* v. *Physicians Hygienic Institute, Inc., et al.* Decree sustaining patent as to claims 1, 2 and 3 and granting injunction Jan. 28, 1927.

1,140,906. (See 1,022,866.)

1,148,328, Kohman, Hoffman & Godfrey, Manufacture of bread; 1,151,526, same Yeast-saving composition in bread making, suit filed Nov. 28, 1923, D. C., N. D. Ohio (E. Div.), Doc. 1011, *The Fleischman Co.* v. *The Beyer Co. et al.* Decree adjudging infringement, and granting injunction (notice dated Jan. 28, 1927).

1,151,526. (See 1,148,328.)

1,180,159. (See 1,018,502 (*a*) and (*c*).)

1,247,335. H. W. Russ, Wood-heel-turning machine, suit filed Nov. 5, 1923, D. C., S. D. N. Y., Doc. E 27/309, *United Shoe Machinery Corp.* v. *M. Stern.* Decree sustaining patent as to claims 1 and 2 and granting injunction Feb. 2, 1927.

1,263,138, S. B. Smith, Incubator, suit filed Oct. 4, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–100–H, *The Buckeye Incubator Co. et al* v. *A. O. Eckman et al.*

1,271,527, M. C. Hopkins, Sound-regenerating machine; 1,271,529, same, Acoustic device, suit filed July 13, 1926, D. C. N. J., Doc. E 2079, *Lektophone Corp.* v. *Brandes Products Co.* Decree dismissing bill Jan. 27, 1927.

1,271,529. (See 1,271,527.)

1,281,366, L. R. Heim, Method of grinding hardened rolls, suit filed Jan. 28, 1927 D. C. E. D. Mich. (S. Div.), Doc. 1866, *The Heim Grinder Co.* v. *Detroit Machine Tool Co.*

1,281,690, L. J. Stern, Method of stopping leaks in automobile radiators and other receptacles, suit

filed June 30, 1926, D. C. N. J., Doc. E 2077, *E. R. Tolfree* (*X Laboratories*) v. *S. G. Kentzler et al.* Bill dismissed Jan. 25, 1927.

1,305,198 and 1,305,199, W. H. Deubener, Bag, appeal filed Jan. 28, 1927, C. C. A. (8th Cir.), Doc. 7585, *R. Brownson & Co.* v. *W. H. Deubener.* Appeal dismissed Jan. 28, 1927.

1,305,199. (See 1,305,198.)

1,377,405, L. de Forest, Audion circuit, suit filed Jan. 3, 1927, D. C. N. J., Doc. E 2286, *De Forest Radio Co. et al.* v. *North Ward Radio Co., Inc.*

1,379,583, S. T. Walkup, Car door, appeal filed Jan. 26, 1927, C. C. A. (2d Cir.), Doc. 9510, *S. T. Walkup* v. *Interborough Rapid Transit Co.*

1,380,601, T. E. Shafer, Dumping truck, suit filed Nov. 3, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–117–J, *T. E. Shafer* v. *G. R. Curtes Co., Inc., et al.*

1,423,956. (See 1,018,502 (*b*) and (*c*).)

1,423,957. (See 1,018,502 (*b*) and (*c*).)

1,486,779, C. Mayer, Girdle brassière, suit filed Jan. 31, 1927, D. C., E. D. Mich. (S. Div.), Doc. 1876, *Nature's Rival Co.* v. *Jackson Corset Co.*

1,508,569, W. B. Newkirk, Grape sugar, suit filed Nov. 30, 1925, D. C., S. D. N. Y., Doc. E 34/331, *International Patents Development Co. et al.* v. *American Maize Products Co. et al.* Decree sustaining patent and granting injunction Feb. 3, 1927.

1,539,309, I. S. Goldman, Treating fruit, suit filed Nov. 16, 1926, D. C., S. D. Calif. (N. Div.), Doc. C–37–M, *I. S. Goldman & Co.* v. *W. C. Cook & Co.*

1,546,014, C. L. Downey, Coin-counting machine, suit filed Oct. 12, 1926, D. C., S. D. Ohio (W. Div.), Doc. E 437, *C. L. Downey* v. *The Washington Bank & Savings Co.* Dismissed without prejudice Feb. 4, 1927.

1,560,468, J. C. Dodson, Wooden sucker-rod guide, appeal filed Jan. 27, 1927, C. C. A. (8th Cir.), Doc. 7730, *Mexia Planing Mill Co.* v. *H. Richman et al.*

1,571,501, H. R. Van Deventer, Electrical condenser, appeal filed Aug. 20, 1926, C. C. A. (2d Cir.), *Dubilier Condenser & Radio Corp.* v. *New York Coil Co.* Decree of district court affirmed (notice dated Jan. 27, 1927).

1,573,788, O. C. Wiese, Cloth, suit filed Feb. 1, 1927, D. C., S. D. N. Y., Doc. E 40/198, *S. Fromm* v. *M. Maxik, Inc., et al.*

1,579,753, M. P. Burke, Driving mechanism for oil-well rigs, suit filed Oct. 9, 1926, D. C., S. D. Calif. (N. Div.), Doc. C–34–M, *M. P. Burke et al.* v. *Midway Iron Works, Inc.*

1,587,723, H. C. Hamer, Nail stripper, suit filed Nov. 18, 1926, D. C., S. D. Calif. (Los Angeles), Doc. L–4–M, *H. C. Hamer* v. *C. F. Smith.*

1,590,409, H. Bender, Sport cap, suit filed Jan. 31, 1927, D. C. Nebr. (Omaha), Doc. E 849, *Omaha Cap Mfg. Co.* v. *Omaha Hat Factory.*

1,600,900, H. E. Marsh, Quarry-block-sawing machine, suit filed Oct. 5, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–104–M, *H. E. Marsh* v. *The Celite Co.*

Des. 65,813, J. K. Kabalan, Shawl, suit filed Dec. 3, 1924, D. C., S. D. N. Y., Doc. E 30/312, *J. K. Kabalan* v. *F. Engelman.* Decree sustaining patent and granting injunction Feb. 2, 1927.

Des. 68,770, W. H. Dewar, Radiocabinet, suit filed Sept. 27, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–98–M, *The Pooley Co.* v. *Blue Bird Furniture Mfg. Co.*

Des. 71,117, F. J. Peters, Plate, suit filed Nov. 15, 1926, D. C., S. D. N. Y., Doc. E 39/91, *F. J. Peters* (*B. Tomby & Co.*) v. *Heinrich & Winterling, Inc.* Decree sustaining patent and granting injunction Jan. 26, 1927.

Re. 14,755. (See 1,022,866.)

ADJUDICATED PATENTS.

(C. C. A. Mo.) The Schulde patent, No. 1,225,682, for counter refrigerator, claims 1 and 2 *Held* not infringed and claim 3 *Held* valid and infringed. *Gustav J. Gruendler Mfg. Co.* v. *Harry L. Hussmann Refrigerator & Supply Co.*, 16 F. (2d) 571.

(C. C. A. Calif.) The Tomlinson patent, No. 1,320,662, for doughnut machine, claim 1 *Held* valid and infringed. *Bake-Rite Mfg. Co.* v. *Tomlinson*, 16 F. (2d) 556.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,537,682, G. Krause, Telegraphic receiving system, decided February 26, 1927, claim 2.

Pat. 1,555,143, A. J. Mitkos, Automatic automobile alarm, decided February 24, 1927, claims 1 and 2.

Interference Notices.

U. S. PATENT OFFICE, *Washington, Feb. 23, 1927.*

Beyer Bros. Commission Co., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Corbin & Wiesmer, 17 Ferry Street, Binghamton, N. Y., for registration of a trade-mark and trade-mark registered February 6, 1917, No. 115,285, to Beyer Bros. Commission Co., 182 Duane Street, New York, N. Y., and a notice of such declaration sent by registered mail to said Beyer Bros. Commission Co. at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Beyer Bros. Commission Co., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Feb. 17, 1927.*

Deane's Coffee Shoppe, Inc., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Albert F. Multer, sr., 611 Chillicothe Street, Portsmouth, Ohio, for registration of a trade-mark and trade-mark registered February 10, 1925, No. 194,787, to Deane's Coffee Shoppe, Inc., 701 Smithfield Street, Pittsburgh, Pa., and a notice of such declaration sent by registered mail to said Deane's Coffee Shoppe, Inc., at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Deane's Coffee Shoppe, Inc., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 15, 1927.

[VOL. 356. NO. 3.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 166,270. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WM. SCHLUDEBERG-T. J. KURDLE CO., Baltimore, Md. Filed June 29, 1922.



The diagonal lines represent blue, the hatched lines on the letters and inside border lines are orange, and the blank letters are white. The word "Quality" is disclaimed apart from the mark other than as shown on the drawing.

Particular description of goods.—Lards, Creamery Butter, Fresh and Smoked Hams, Fresh and Smoked Bacon, Fresh and Smoked Shoulders, Fresh and Smoked Sausage, Pork Roll, Dried Beef, Cheese, and Lard Compound Made from Cottonseed and Other Oils.

Claims use since Nov. 1, 1919.

Ser. No. 175,236. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CHOPAK TEXTILE CO., INC., New York, N. Y. Filed Jan. 29, 1923.



Particular description of goods.—Artificial-Silk, Silk, and Cotton Piece Goods and Combinations Thereof and Knitted Artificial-Silk, Silk, Cotton, and Woolen Piece Goods and Combinations Thereof, Not Including Corduroys, Velveteens, and Warp Sateens.

Claims use since September, 1919.

Ser. No. 200,829. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) PREMIER APPLIANCE CO., INC., Philadelphia, Pa. Filed Aug. 1, 1924.



Particular description of goods.—Cream Toilet and Shaving Soap for Use in Soap Dispensers.

Claims use since July 1, 1924.

Ser. No. 203,551. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WEST SIDE WHOLESALE GROCERY CO., Chicago, Ill. Filed Oct. 7, 1924.

LAWNDALE

Particular description of goods.—Coffee, Bouillon Cubes, Canned Pork and Beans, Catchup, Olives, Pickles, Peanut Butter, Salad Dressing, Chili Sauce, Vinegar, Chile Con Carne, Spices, Breakfast Cereals, Honey, Cottonseed Oil, Preserved Fruits, Flavoring Extracts for Food Purposes, Canned Sauerkraut, Canned Fish, Canned Fruits, Canned Vegetables, Evaporated Milk, Canned Berries, Canned Shellfish, Canned Fruits for Salad, Malt Extract for Food Purposes.

Claims use since September, 1922.

Ser. No. 206,671. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KELLOGG COMPANY, Battle Creek, Mich. Filed Dec. 13, 1924.

PEP

Particular description of goods.—Cereal Breakfast Food Composed Principally of Bran.

Claims use since Sept. 1, 1914.

Ser. No. 207,083. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) KING OF ALL CLEANER COMPANY, Atlantic, Iowa. Filed Dec. 22, 1924.

KING OF ALL CLEANER

No claim is made to the word "Cleaner" apart from the mark shown.

Particular description of goods.—Liquid Preparation for Cleaning the Hands, Fabrics, Etc.

Claims use since Oct. 5, 1923.

filed June 30, 1926, D. C. N. J., Doc. E 2077, *E. R. Tolfree* (*X Laboratories*) v. *S. G. Kentzler et al.* Bill dismissed Jan. 25, 1927.

1,305,198 and 1,305,199, W. H. Deubener, Bag, appeal filed Jan. 28, 1927, C. C. A. (8th Cir.), Doc. 7585, *R. Brownson & Co.* v. *W. H. Deubener.* Appeal dismissed Jan. 28, 1927.

1,305,199. (See 1,305,198.)

1,377,405, L. de Forest, Audion circuit, suit filed Jan. 3, 1927, D. C. N. J., Doc. E 2286, *De Forest Radio Co. et al.* v. *North Ward Radio Co., Inc.*

1,379,583, S. T. Walkup, Car door, appeal filed Jan. 26, 1927, C. C. A. (2d Cir.), Doc. 9510, *S. T. Walkup* v. *Interborough Rapid Transit Co.*

1,380,601, T. E. Shafer, Dumping truck, suit filed Nov. 3, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–117–J, *T. E. Shafer* v. *G. R. Curtiss Co., Inc., et al.*

1,423,956. (See 1,018,502 (*b*) and (*c*).)

1,423,957. (See 1,018,502 (*b*) and (*c*).)

1,486,779, C. Mayer, Girdle brassière, suit filed Jan. 31, 1927, D. C., E. D. Mich. (S. Div.), Doc. 1876, *Nature's Rival Co.* v. *Jackson Corset Co.*

1,508,569, W. B. Newkirk, Grape sugar, suit filed Nov. 30, 1925, D. C., S. D. N. Y., Doc. E 34/331, *International Patents Development Co. et al.* v. *American Maize Products Co. et al.* Decree sustaining patent and granting injunction Feb. 3, 1927.

1,539,309, I. S. Goldman, Treating fruit, suit filed Nov. 16, 1926, D. C., S. D. Calif. (N. Div.), Doc. C–37–M, *I. S. Goldman & Co.* v. *W. C. Cook & Co.*

1,546,014, C. L. Downey, Coin-counting machine, suit filed Oct. 12, 1926, D. C., S. D. Ohio (W. Div.), Doc. E 437, *C. L. Downey* v. *The Washington Bank & Savings Co.* Dismissed without prejudice Feb. 4, 1927.

1,560,468, J. C. Dodson, Wooden sucker-rod guide, appeal filed Jan. 27, 1927, C. C. A. (8th Cir.), Doc. 7730, *Mexia Planing Mill Co.* v. *H. Richman et al.*

1,571,501, H. R. Van Deventer, Electrical condenser, appeal filed Aug. 20, 1926, C. C. A. (2d Cir.), *Dubilier Condenser & Radio Corp.* v. *New York Coil Co.* Decree of district court affirmed (notice dated Jan. 27, 1927).

1,573,788, O. C. Wiese, Cloth, suit filed Feb. 1, 1927, D. C., S. D. N. Y., Doc. E 40/198, *S. Fromm* v. *M. Mazik, Inc., et al.*

1,579,753, M. P. Burke, Driving mechanism for oil-well rigs, suit filed Oct. 9, 1926, D. C., S. D. Calif. (N. Div.), Doc. C–34–M, *M. P. Burke et al.* v. *Midway Iron Works, Inc.*

1,587,723, H. C. Hamer, Nail stripper, suit filed Nov. 18, 1926, D. C., S. D. Calif. (Los Angeles), Doc. L–4–M, *H. C. Hamer* v. *C. F. Smith.*

1,590,409, H. Bender, Sport cap, suit filed Jan. 31, 1927, D. C. Nebr. (Omaha), Doc. E 849, *Omaha Cap Mfg. Co.* v. *Omaha Hat Factory.*

1,600,900, H. E. Marsh, Quarry-block-sawing machine, suit filed Oct. 5, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–104–M, *H. E. Marsh* v. *The Celite Co.*

Des. 65,813, J. K. Kabalan, Shawl, suit filed Dec. 3, 1924, D. C., S. D. N. Y., Doc. E 30/312, *J. K. Kabalan* v. *F. Engelman.* Decree sustaining patent and granting injunction Feb. 2, 1927.

Des. 68,770, W. H. Dewar, Radiocabinet, suit filed Sept. 27, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–98–M, *The Pooley Co.* v. *Blue Bird Furniture Mfg. Co.*

Des. 71,117, F. J. Peters, Plate, suit filed Nov. 15, 1926, D. C., S. D. N. Y., Doc. E 39/91, *F. J. Peters* (*B. Tomby & Co.*) v. *Heinrich & Winterling, Inc.* Decree sustaining patent and granting injunction Jan. 26, 1927.

Re. 14,755. (See 1,022,866.)

ADJUDICATED PATENTS.

(C. C. A. Mo.) The Schulde patent, No. 1,225,682, for counter refrigerator, claims 1 and 2 *Held* not infringed and claim 3 *Held* valid and infringed. *Gustav J. Gruendler Mfg. Co.* v. *Harry L. Hussmann Refrigerator & Supply Co.*, 16 F. (2d) 571.

(C. C. A. Calif.) The Tomlinson patent, No. 1,320,662, for doughnut machine, claim 1 *Held* valid and infringed. *Bake-Rite Mfg. Co.* v. *Tomlinson*, 16 F. (2d) 556.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,537,682, G. Krause, Telegraphic receiving system, decided February 26, 1927, claim 2.

Pat. 1,555,143, A. J. Mitkos, Automatic automobile alarm, decided February 24, 1927, claims 1 and 2.

Interference Notices.

U. S. PATENT OFFICE, *Washington, Feb. 23, 1927.*

Beyer Bros. Commission Co., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Corbin & Wiesmer, 17 Ferry Street, Binghamton, N. Y., for registration of a trade-mark and trade-mark registered February 6, 1917, No. 115,285, to Beyer Bros. Commission Co., 182 Duane Street, New York, N. Y., and a notice of such declaration sent by registered mail to said Beyer Bros. Commission Co. at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Beyer Bros. Commission Co., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Feb. 17, 1927.*

Deane's Coffee Shoppe, Inc., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Albert F. Multer, sr., 611 Chillicothe Street, Portsmouth, Ohio, for registration of a trade-mark and trade-mark registered February 10, 1925, No. 194,787, to Deane's Coffee Shoppe, Inc., 701 Smithfield Street, Pittsburgh, Pa., and a notice of such declaration sent by registered mail to said Deane's Coffee Shoppe, Inc., at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Deane's Coffee Shoppe, Inc., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 15, 1927.

[VOL. 356. NO. 3.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 166,270. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WM. SCHLUDERBERG-T. J. KURDLE CO., Baltimore, Md. Filed June 29, 1922.



The diagonal lines represent blue, the hatched lines on the letters and inside border lines are orange, and the blank letters are white. The word "Quality" is disclaimed apart from the mark other than as shown on the drawing.

Particular description of goods.—Lards, Creamery Butter, Fresh and Smoked Hams, Fresh and Smoked Bacon, Fresh and Smoked Shoulders, Fresh and Smoked Sausage, Pork Roll, Dried Beef, Cheese, and Lard Compound Made from Cottonseed and Other Oils.

Claims use since Nov. 1, 1919.

Ser. No. 175,236. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CHOPAK TEXTILE CO., INC., New York, N. Y. Filed Jan. 29, 1923.



Particular description of goods.—Artificial-Silk, Silk, and Cotton Piece Goods and Combinations Thereof and Knitted Artificial-Silk, Silk, Cotton, and Woolen Piece Goods and Combinations Thereof, Not Including Corduroys, Velveteens, and Warp Sateens.

Claims use since September, 1919.

Ser. No. 200,829. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) PREMIER APPLIANCE CO., INC., Philadelphia, Pa. Filed Aug. 1, 1924.



Particular description of goods.—Cream Toilet and Shaving Soap for Use in Soap Dispensers.

Claims use since July 1, 1924.

Ser. No. 203,551. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WEST SIDE WHOLESALE GROCERY CO., Chicago, Ill. Filed Oct. 7, 1924.

LAWNDALE

Particular description of goods.—Coffee, Bouillon Cubes, Canned Pork and Beans, Catchup, Olives, Pickles, Peanut Butter, Salad Dressing, Chili Sauce, Vinegar, Chile Con Carne, Spices, Breakfast Cereals, Honey, Cottonseed Oil, Preserved Fruits, Flavoring Extracts for Food Purposes, Canned Sauerkraut, Canned Fish, Canned Fruits, Canned Vegetables, Evaporated Milk, Canned Berries, Canned Shellfish, Canned Fruits for Salad, Malt Extract for Food Purposes.

Claims use since September, 1922.

Ser. No. 206,671. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KELLOGG COMPANY, Battle Creek, Mich. Filed Dec. 18, 1924.

PEP

Particular description of goods.—Cereal Breakfast Food Composed Principally of Bran.

Claims use since Sept. 1, 1914.

Ser. No. 207,083. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) KING OF ALL CLEANER COMPANY, Atlantic, Iowa. Filed Dec. 22, 1924.

KING OF ALL CLEANER

No claim is made to the word "Cleaner" apart from the mark shown.

Particular description of goods.—Liquid Preparation for Cleaning the Hands, Fabrics, Etc.

Claims use since Oct. 5, 1923.

Ser. No. 216,149. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH B. COHEN, doing business as Kosher Dog Company, Chicago, Ill. Filed June 22, 1925.



The word "Kosher" is disclaimed apart from the mark shown.

Particular description of goods.—Meat Sausage.

Claims use since Jan. 1, 1914.

Ser. No. 221,778. (CLASS 43. THREAD AND YARN.) CLARENCE C. SELDEN & CO., Los Angeles, Calif. Filed Oct. 15, 1925.



Particular description of goods.—Plant Fibers, Thread, and Yarn.

Claims use since Aug. 5, 1925.

Ser. No. 222,516. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) MARLBORO WIRE GOODS COMPANY, Marlboro, Mass. Filed Oct. 29, 1925.

LOOPWELD

Particular description of goods.—Dish Drainers, Sponge Holders, Soap Dishes, Toothbrush Holders, Wall Brackets, Broilers, Plate Racks and Holders, Tumbler Holders, Towel Racks, Flatiron Rests, Strainers, Soap Shakers, Toilet-Paper Brackets, Pipe Hangers, Cake Coolers, Shelving, Pot Rack Holders, Kettle Bottoms, and Pot Stands.

Claims use since May or June, 1921.

Ser. No. 223,651. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. J. MOELLER PICKLE CO., San Francisco, Calif. Filed Nov. 21, 1925.

DOLORES VALLEY

Particular description of goods.—Pickles, Chowchow, Mexican Hot (Tomato Sauce with Chopped Pickles), Sweet Indian Relish, Piccalilli, Sweet Pickled Green Tomatoes, Pickled Onions, Gherkins, Prepared Mustard, Distilled Vinegar, Apple-Cider Vinegar, Horse-Radish with Vinegar.

Claims use since Sept. 1, 1912.

Ser. No. 224,226. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WOODE J. BATSON, doing business as Spencer Popcorn Company, Spencer, Iowa. Filed Dec. 4, 1925.

"OH BOY"

"Oh Boy."

Particular description of goods.—Raw Pop Corn.

Claims use since Sept. 1, 1925.

Ser. No. 224,802. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BLISS, FABYAN & COMPANY, New York, N. Y. Filed Dec. 17, 1925.

RIPPLETTE

Particular description of goods.—Bedspreads.

Claims use since Jan. 1, 1910.

Ser. No. 225,360. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HICKMAN & COWARD, Buffalo, N. Y. Filed Dec. 31, 1925.



Particular description of goods.—Butter and Eggs.

Claims use since about January, 1890, as to butter; since August, 1925, as to eggs.

Ser. No. 225,577. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RING-TING CANDY SHOP, Evanston, Ill. Filed Jan. 6, 1926.



Particular description of goods.—Candy and Salted Nuts.

Claims use since about Nov. 30, 1920.

Ser. No. 225,922. (CLASS 32. FURNITURE AND UPHOLSTERY.) HOLLAND BRASS WORKS, INC., Chicago, Ill. Filed Jan. 14, 1926.

SAINT MARY

Particular description of goods.—Prie-Dieus.

Claims use since Apr. 1, 1921.

Ser. No. 226,707. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BEACON MANUFACTURING COMPANY, New Bedford, Mass., and Providence, R. I. Filed Feb. 1, 1926.

Signet

"Signet."

Particular description of goods.—Cotton Blankets.

Claims use since Dec. 22, 1925.

Ser. No. 226,708. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BEACON MANUFACTURING COMPANY, New Bedford, Mass., and Providence, R. I. Filed Feb. 1, 1926.

Mistral

The mark consists of the word "Mistral."

Particular description of goods.—Cotton Blankets.

Claims use since Dec. 22, 1925.

Ser. No. 227,233. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HUTTO ENGINEERING CO., Detroit, Mich. Filed Feb. 12, 1926.



The letter "O" is lined to indicate shading only.

Particular description of goods.—Cylinder Grinders and Devices for Grinding Cylindrical Apertures and Parts Thereof.

Claims use since Nov. 10, 1925.

Ser. No. 228,356. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHEMISCHE FABRIK AUF ACTIEN (VORM. E. SCHERING), Berlin, Germany. Filed Mar. 9, 1926.



Particular description of goods.—Extirpating Preparations for Insects and Plants, Disinfectants, Chemical Fire-Extinguishing Preparations, Chemical Dyestuffs, Preparations for Preserving and Coloring Leather, Tanning Compositions, Spring Salts, Bathing Salts, Perfumeries, Volatile Oils, Bleaching Preparations, Antirusting Preparations; Remedies and Preparations for the Treatment of Affections Caused by Chill, Tuberculosis, and Other Diseases of the Respiratory System, Leprosy, Rheumatism, Gout, Seasickness, Anæmia, Low Blood Pressure, Diseases of the Urinary Tract, Gonorrhea and Other Venereal Diseases; Remedies and Preparations for the Treatment of Disorders of the Larynx, Heart, Liver, Bile, Stomach, Bowels, Skin, Eyes, and Wounds; Preparations for the Diagnosis of Pregnancy, Sedatives, Analgesics, Antiphlogistics, Anæsthetics, Hypnotics, Antistreptococcal and Diphtheria Serums, Preparations for Diabetics, Organo-Therapeutic Preparations, Nerve Tonics, Disinfecting Preparations, Acetylosalicylic Acid, Boric Acid, Camphoric Acid, Carbolic Acid, Gallic Acid, Lactic Acid, Oxalic Acid, Phosphoric Acid, Pyrogallic Acid, Salicylic Acid, Tannic Acid, Ammonia Water, Ammonium Salts, Amyl Nitrite, Antimony Lactate, Antimony Sulphide, Bismuth Salts, Borax, Bromoform, Cadmium and Its Salts, Calcium Salts, Camphor, Monobromated Camphor, Caustic Soda, Collodion Preparations and Chemicals for Making the Same, Chloral Hydrate, Chloral Chloroform, Cyanide Salts, Ether Bromide, Ether Chloride, Ethyl Chloride, Sulphuric Ether, Formalin, Glycerophosphates, Hydroquinone, Iodine, Iodoform, Iron Salts, Lead Salts, Lithium Salts, Metallic Magnesium and Its Salts, Mercury and Its Salts, Methyl Salicylate, Naphthalene, Paraldehyde, Potassium and Its Salts, Resorcin, Rubidium Bromide, Rubidium Iodide, Carlsbad Salts, Rochelle Salts, Silver Salts, Sodium and Its Salts, Strontium Salts, Sulphur, Sulphur Iodide, Cream of Tartar, Tin Chloride, Metallic Salts for Electroplating, and Zinc Salts.

Claims use since about May, 1924.

Ser. No. 228,357. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHEMISCHE FABRIK AUF ACTIEN (VORM. E. SCHERING), Berlin, Germany. Filed Mar. 9, 1926.



Particular description of goods.—Extirpating Preparations for Insects and Plants, Disinfectants, Chemical Fire-Extinguishing Preparations, Chemical Dyestuffs, Prepara-

tions for Preserving and Coloring Leather, Tanning Compositions, Spring Salts, Bathing Salts, Perfumeries, Volatile Oils, Bleaching Preparations, Antirusting Preparations; Remedies and Preparations for the Treatment of Affections Caused by Chill, Tuberculosis, and Other Diseases of the Respiratory System, Leprosy, Rheumatism, Gout, Seasickness, Anæmia, Low Blood Pressure, Diseases of the Urinary Tract, Gonorrhea and Other Venereal Diseases; Remedies and Preparations for the Treatment of Disorders of the Larynx, Heart, Liver, Bile, Stomach, Bowels, Skin, Eyes, and Wounds; Preparations for the Diagnosis of Pregnancy, Sedatives, Analgesics, Antiphlogistics, Anæsthetics, Hypnotics, Antistreptococcal and Diphtheria Serums, Preparations for Diabetics, Organo-Therapeutic Preparations, Nerve Tonics, Disinfecting Preparations, Acetylosalicylic Acid, Boric Acid, Camphoric Acid, Carbolic Acid, Gallic Acid, Lactic Acid, Oxalic Acid, Phosphoric Acid, Pyrogallic Acid, Salicylic Acid, Tannic Acid, Ammonia Water, Ammonium Salts, Amyl Nitrite, Antimony Lactate, Antimony Sulphide, Bismuth Salts, Borax, Bromoform, Cadmium and Its Salts, Calcium Salts, Camphor, Monobromated Camphor, Caustic Soda, Collodion Preparations and Chemicals for Making the Same, Chloral Hydrate, Chloral Chloroform, Cyanide Salts, Ether Bromide, Ether Chloride, Ethyl Chloride, Sulphuric Ether, Formalin, Glycerophosphates, Hydroquinone, Iodine, Iodoform, Iron Salts, Lead Salts, Lithium Salts, Metallic Magnesium and Its Salts, Mercury and Its Salts, Methyl Salicylate, Naphthalene, Paraldehyde, Potassium and Its Salts, Resorcin, Rubidium Bromide, Rubidium Iodide, Carlsbad Salts, Rochelle Salts, Silver Salts, Sodium and Its Salts, Strontium Salts, Sulphur, Sulphur Iodide, Cream of Tartar, Tin Chloride, Metallic Salts for Electroplating, and Zinc Salts.

Claims use since about May, 1924.

Ser. No. 228,795. (CLASS 38. PRINTS AND PUBLICATIONS.) BEE JAY PRODUCTS CO. INC., Long Island City, N. Y. Filed Mar. 18, 1926.

JAZZITHA

Particular description of goods.—Music in Sheet and Book Form.

Claims use since Dec. 21, 1925.

Ser. No. 228,916. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LARSEN COMPANY, doing business as The Wm. Larsen Canning Co., Green Bay, Wis. Filed Mar. 20, 1926.

LARSEN'S



No claim is made to the exclusive use of the surname "Larsen's" apart from the mark as shown in the drawing.

Particular description of goods.—Canned Vegetables—Namely, Mixed Vegetables, Peas, Carrots, Beets, and Sauerkraut.

Claims use since January, 1919.

Ser. No. 229,586. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) J. E. RHOADS & SONS, Philadelphia, Pa. Filed Apr. 2, 1926.



Particular description of goods.—Valve Leathers, Leather Valve Washers, and Leather Valve Disks of the Washer Type for Packing Purposes.

Claims use since July 23, 1925, on valve leathers; since Aug. 7, 1925, on washers, and since Dec. 4, 1925, on disks of the washer type.

Ser. No. 229,672. (CLASS 15. OILS AND GREASES.) CLARENCE W. EPLEY, doing business as C. W. Epley Oil Company, Gettysburg, Pa. Filed Apr. 5, 1926.



The word "Gas" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Gasoline.

Claims use since July, 1925.

Ser. No. 230,061. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) DR. HEINR. TRAUN & SÖHNE, VORMALS HARBURGER GUMMI-KAMM-COMPAGNIE, Hamburg, Germany. Filed Apr. 12, 1926. Under 10-year proviso.

TRAUN

Particular description of goods.—Hard Rubber Material in Sheet or Tubular Form.

Claims use since about 1894.

Ser. No. 230,887. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HOPEWELL BROTHERS, Watertown, Mass. Filed Apr. 29, 1926.

Casgard

Particular description of goods.—Devices for Controlling the Supply of Ignitible Hydrocarbon Mixtures to Internal-Combustion Engines.

Claims use since June, 1924.

Ser. No. 231,170. (CLASS 10. FERTILIZERS.) SWIFT AND COMPANY, Chicago, Ill. Filed May 5, 1926.



FERTILIZERS
"IT PAYS TO USE THEM"

The words "Brand," "Trade-Mark Registered," "Fertilizers," and "It Pays to Use Them" are disclaimed except in association with the other features of the mark.

Particular description of goods.—Fertilizer.

Claims use since January, 1901.

Ser. No. 231,424. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE J. W. WOOLFOLK COMPANY, INC., Fort Valley, Ga. Filed May 10, 1926.



Particular description of goods.—Insecticides and Fungicides—Namely, Lime-Sulphur Solution, Lead Arsenate, Calcium Arsenate, Oil Emulsion, Sulphur-Lime Dust Mixtures, Bordeaux Mixture, and Cattle Dip.

Claims use since July, 1925.

Ser. No. 232,503. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN F. MACK, doing business as John F. Mack Co., Springfield, Ohio. Filed May 29, 1926.



Particular description of goods.—Malt Sirups for Food Purposes.

Claims use since Apr. 1, 1926.

Ser. No. 232,663. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CORINNA CHEMICAL CORPORATION, now, by change of name, Corinna Products Corporation, New York, N. Y. Filed June 3, 1926.

Corinna

Particular description of goods.—Face Creams, Hand Creams, Face Lotions, Liquid Face Powder, Skin Tonics, Skin Astringents, Hair Tonics, Hair Lotions, Face Powder, Shampoos, Eyebrow and Eyelash Cosmetics, Compact Rouge Powders, Cream Rouges, Lip Sticks, Bath Salts, and Depilatories.

Claims use since Feb. 1, 1925.

Ser. No. 232,697. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARTHUR D. ROSS, Boston, Mass. Filed June 3, 1926.



Particular description of goods.—Medicinal Tablets for Biliousness, Constipation, Dyspepsia, Heartburn, Liver Trouble, Offensive Breath, Stomach Disorders, Torpid Liver, Vertigo, or Dizziness.

Claims use since July 1, 1925.

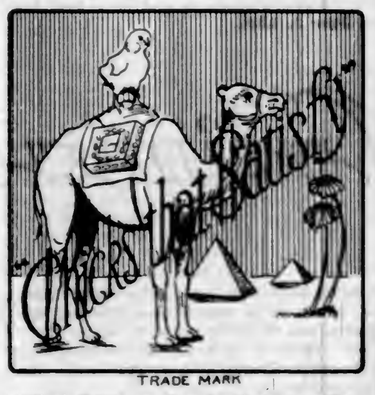
Ser. No. 233,051. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAMUEL ALPERT, doing business as United Tea Stores, Chicago, Ill. Filed June 11, 1926.



Particular description of goods.—Tea, Coffee, and Spices.

Claims use since October, 1922.

Ser. No. 233,102. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HORACE L. CAMPBELL, Petersburg, Ill. Filed June 12, 1926.



TRADE MARK

The vertical lining on the drawing is neither meant for or claimed as representation of colors and is disclaimed except as shown on the drawing and as a part of the mark. All words on drawing and also the picture of the chick are disclaimed except as shown in connection with the trade-mark.

Particular description of goods.—Live Chicks.
Claims use since November, 1925.

Ser. No. 233,109. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) COLUMBUS MANUFACTURING COMPANY, Columbus, Ga. Filed June 12, 1926.

ISABELLA



The trade-mark consists of the name "Isabella" and a fanciful picture representing Christopher Columbus appealing to King Ferdinand and Queen Isabella of Spain to aid him in his contemplated voyage of discovery.

Particular description of goods.—Cotton Sheetings.
Claims use since Feb. 5, 1926.

Ser. No. 233,518. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ISAAC GILBERT ADAMSON, doing business as I. G. Adamson Company, San Benito, Tex. Filed June 21, 1926.

FRONTIER

Particular description of goods.—Fresh Vegetables—Namely, Tomatoes.
Claims use since June 1, 1925.

Ser. No. 234,199. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MICHAEL E. DOWNEY, Chicago, Ill. Filed July 6, 1926.

BUG BOY

Particular description of goods.—Insect Exterminator to Exterminate Flies, Ants, Bugs, Bedbugs, Roaches, Moths, and Other Household Pests.
Claims use since February, 1920.

Ser. No. 234,220. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM E. MCDAVITT, doing business as McDavitt Brothers, Brownsville, Tex. Filed July 6, 1926.

Texas Ranger

The geographical word "Texas" is disclaimed apart from the other features of the mark as shown in the drawing.

Particular description of goods.—Fresh Vegetables—Namely, Beans, Tomatoes, Squash, Cucumbers, and Potatoes.
Claims use since January, 1915.

Ser. No. 234,437. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARTHUR J. GRAM, Winnetka, Ill. Filed July 12, 1926.

CREOPHALT

Particular description of goods.—Wood Preservative in the Nature of a Chemical.
Claims use since Mar. 26, 1926.

Ser. No. 234,558. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BYK-GULDENWERKE CHEMISCHE FABRIK, Berlin, Germany. Filed July 15, 1926.



Particular description of goods.—Rennet Preparations of Every Kind—That is, Powder, Extract, and Tablets; Cheese Color, Butter Color, and Oleomargarine Color.
Claims use since 1890.

Ser. No. 234,773. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DOUGLAS PECTIN CORPORATION, Rochester, N. Y. Filed July 20, 1926.

CERTO
FOR MAKING
JAMS & JELLIES

The words "For Making Jams and Jellies" are disclaimed apart from the other features of the mark.

Particular description of goods.—Pectin.
Claims use since Apr. 1, 1926.

Ser. No. 235,069. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) F. PROCHÁSKA LTD., Prague, Czechoslovakia. Filed July 24, 1926. Under 10-year proviso.

F. PROCHÁSKA

Particular description of goods.—Soaps.
Claims use since 1847.

Ser. No. 235,142. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JONES & HENSLEY, Los Angeles, Calif. Filed July 26, 1926.

Spare Tire

Particular description of goods.—Candy.
Claims use since Mar. 1, 1926.

Ser. No. 235,152. (CLASS 31. FILTERS AND REFRIGERATORS.) LEONARD REFRIGERATOR COMPANY, Grand Rapids, Mich., assignor to Electric Refrigeration Corporation, Detroit, Mich., a Corporation of Michigan. Filed July 26, 1926.

Leonard
Cleanable
Refrigerator

The word "Refrigerator," the pictorial representation of a refrigerator, and the phrase "Like a Clean China Dish" are disclaimed apart from the mark as shown in the drawing. Applicant is the owner of registration 69,924, effected under the 10-year proviso.

Particular description of goods.—Refrigerators and Refrigerator Parts.
Claims use since about July 1, 1914.

Ser. No. 235,232. (CLASS 39. CLOTHING.) RICHARDSON DRY GOODS CO., St. Joseph, Mo. Filed July 27, 1926.

Hunter

Particular description of goods.—Dress Shirts, Work Shirts, Pants, Overalls, Sheep-Lined Coats, Duck Coats, Leather Coats, Leather Vests, and Overcoats Made of Cotton and Wool Cloth.
Claims use since Feb. 1, 1903.

Ser. No. 235,241. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WHITE SEWING MACHINE CORPORATION, Cleveland, Ohio. Filed July 27, 1926.

Domestic

Applicant is the owner of registration No. 124,298.
Particular description of goods.—Sewing Machines.
Claims use since 1860.

Ser. No. 235,316. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PLANATOR GEAR SHIFT COMPANY, Los Angeles, Calif. Filed July 29, 1926.

VAKAIR

Particular description of goods.—Vacuum Gear-Shifting Device.
Claims use since about June 25, 1926.

Ser. No. 235,434. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) SOCIETÀ ANONIMA ITALIANA ING. NICOLA ROMEO & C., Milan, Italy. Filed July 31, 1926.

ALFA-ROMEO
MILANO

No claim is made to the exclusive use of the geographical term "Milano" apart from the mark shown in the drawing. No claim is made to a red cross or to a cross of any particular color.

Particular description of goods.—Motor Cars.
Claims use since October, 1919.

Ser. No. 235,519. (CLASS 39. CLOTHING.) MENDELSON SPORTSWEAR, INC., New York, N. Y. Filed Aug. 3, 1926.

Sportchic NEW YORK

Applicant disclaims the right to the exclusive use of the words "New York" except in connection with the trade-mark.

Particular description of goods.—Women's Coats, Suits, Dresses, Sweaters, Knickers, Hosiery, Bathing Suits, Scarfs, Ties, Raincoats.

Claims use since February, 1926.

Ser. No. 235,649. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KAKAO-KOMPAGNIE THEODOR REICHARDT, G. M. B. H., Wandsbek, Hamburg, Germany. Filed Aug. 6, 1926. Under 10-year proviso.



Particular description of goods.—Cocoa Powder and Cocoa Products—Namely, Chocolate and Sirup of Chocolate.

Claims use since 1893.

Ser. No. 235,781. (CLASS 39. CLOTHING.) KUNTZ-SIMONS, INC., New York, N. Y. Filed Aug. 10, 1926.

ALADDIN

Particular description of goods.—Men's Straw Hats.

Claims use since July 1, 1926.

Ser. No. 236,359. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) B. T. BABBITT INC., New York, N. Y. Filed Aug. 24, 1926.



The shading in the drawing indicating the colors blue and red. No claim is made to the exclusive use of the words "Boiler Liquid Concentrate—This Can Makes 5 Gallons—Mix Your Own, Made and Guaranteed by B. T. Babbitt Inc., New York, N. Y. Est. 1836—a Product" apart from the mark as shown in the drawing.

Particular description of goods.—Boiler Liquid Concentrate Comprising a Compound for Repairing Leaks in Hot-Water and Steam Boilers.

Claims use since July 1, 1926.

Ser. No. 236,436. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BERTRAND M. PINKHAM, Scituate, Mass. Filed Aug. 25, 1926.



No claim is made to the word "Snyffit" apart from the mark shown in the drawing.

Particular description of goods.—Liquid Inhalant.

Claims use since June 1, 1925.

Ser. No. 236,765. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) MIDLAND CHEMICAL LABORATORIES, INC., Dubuque, Iowa. Filed Sept. 1, 1926.



All wording appearing in the drawing except the word "Midland" is disclaimed apart from the mark shown.

Particular description of goods.—General Household Cleaning Preparations, Dry Cleaners, Blackboard Cleaners, Sweeping Compounds, Metal Polish, and Toilet, Laundry, and Automobile Soaps in Liquid, Paste, Jelly, Cake, Crystal, and Powder Form.

Claims use since Aug. 1, 1925.

Ser. No. 236,852. (CLASS 37. PAPER AND STATIONERY.) RELIANCE PAPER & TWINE MILLS, New York, N. Y. Filed Sept. 3, 1926.



The words "The Quality Attracts" and "Kraft" are disclaimed apart from the mark shown.

Particular description of goods.—Wrapping Paper, Marking and Pattern Paper, and Tissue Paper.

Claims use since May 17, 1926.

Ser. No. 237,128. (CLASS 38, PRINTS AND PUBLICATIONS.) NEWS PUBLISHING COMPANY, Atlantic City, N. J. Filed Sept. 11, 1926.

Atlantic City Times
and VENTNOR NEWS

Particular description of goods.—Daily Newspaper.

Claims use since Apr. 11, 1926.

Ser. No. 237,268. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE R. M. HOLLINGSHEAD CO., Camden, N. J. Filed Sept. 15, 1926.

SOILOFF

Particular description of goods.—Hand Soap.

Claims use since June, 1905.

Ser. No. 237,387. (CLASS 39. CLOTHING.) RICE-STIX DRY GOODS COMPANY, St. Louis, Mo. Filed Sept. 17, 1926.

Morning Glory

Particular description of goods.—Women's Textile-Fabric Underwear.

Claims use since Sept. 9, 1926.

Ser. No. 237,575. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SWEETWATER FRUIT COMPANY, Bonita, Calif. Filed Sept. 22, 1926.

MONTICELLO

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit.

Claims use since Jan. 1, 1899.

Ser. No. 237,693. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DOM PROTO PISANI, Los Angeles, Calif. Filed Sept. 24, 1926.

ITALIAN CROSS

The geographical word "Italian" is disclaimed apart from the mark shown.

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit; Fresh Deciduous Fruits—Namely, Apples, Peaches, and Fresh Grapes.

Claims use since Jan. 2, 1926.

Ser. No. 238,003. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. W. BEAR COMMISSION COMPANY, Kansas City, Mo. Filed Oct. 1, 1926.



Particular description of goods.—Dressed Poultry and Eggs.
Claims use since Oct. 1, 1925.

Ser. No. 238,115. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) EHLE & HAGEMANN, Brooklyn, N. Y. Filed Oct. 4, 1926.

BLUE STEEL

No exclusive claim is made to the words "Blue Steel" except as shown in the mark.
Particular description of goods.—Razors and Barbers' Shears.
Claims use since on or about Jan. 15, 1926.

Ser. No. 238,389. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. ORLAND'S HEALTH PROD. CO., Philadelphia, Pa. Filed Oct. 9, 1926.

COLDROPS

No claim is made to the exclusive use of the word "Coldrops" apart from the mark shown.
Particular description of goods.—Lozenges or Tablets for Sore Throat, Coughs, Colds, Bronchitis, Tonsilitis, and Hoarseness.
Claims use since Sept. 29, 1926.

Ser. No. 238,732. (CLASS 39. CLOTHING.) VAN. B. MOLER CO. INC., New York, N. Y. Filed Oct. 16, 1926.

"HYPOINT"

"Hypoint."
Particular description of goods.—Hosiery.
Claims use since Oct. 6, 1926.

Ser. No. 238,773. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CAUCHOIS COFFEE COMPANY, New York, N. Y. Filed Oct. 18, 1926.

"CocolatCauchois"

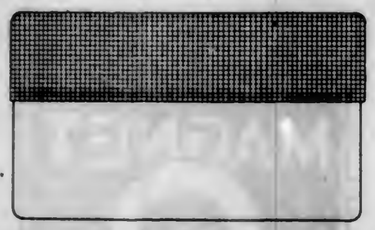
No claim is made herein to the word "Cauchois" apart from the mark shown in the drawing.
Particular description of goods.—Instantaneous Cocoa Combined With Skimmed Milk and Sugar.
Claims use since Nov. 18, 1919.

Ser. No. 238,865. (CLASS 38. PRINTS AND PUBLICATIONS.) MIDCONTINENT MAP COMPANY, Tulsa, Okla. Filed Oct. 19, 1926.



No claim is made to the outline representations of the States of Kansas and Oklahoma apart from the mark as shown.
Particular description of goods.—Maps.
Claims use since Sept. 29, 1926.

Ser. No. 238,918. (CLASS 2. RECEPTACLES.) THE PURITY PAPER VESSELS COMPANY, Baltimore, Md. Filed Oct. 20, 1926.



The crosshatching on the drawing represents gray color. Trade-mark consists of a band of gray carried by the flange of the cover of the can.
Particular description of goods.—Cylindrical Paper Cans.
Claims use since Oct. 1, 1925.

Ser. No. 239,118. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HARRY EDWIN KNOTZSCH, Toledo, Ohio. Filed Oct. 23, 1926.

NATURESPATH

Particular description of goods.—Compound for the Blood and Stomach; a Medicinal Tea Used in the Treatment of Asthma, Bronchitis, Pleurisy, Pneumonia, and Lung Affections Where a Mild Emollient and Expectorant Are Indicated; Balsam Tablets for the Breath and to Counteract Acidity of the Stomach, Liniment, Salve, a Preparation Used in the Treatment of Scrofula, Cold Cream, and Perfume.
Claims use since May 15, 1926.

Ser. No. 239,284. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) ARMSTRONG CORK COMPANY, Pittsburgh, Pa. Filed Oct. 27, 1926.

KORXOLE

Particular description of goods.—Fabric-Faced Sheets of Cork Composition, From Which May be Cut Various Articles, Such as Inner Soles for Shoes, Stiffeners for Cap Visors and Clothing, Body Shims for Automobiles, Gaskets, Etc.
Claims use since Nov. 15, 1916.

Ser. No. 239,317. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. L. ROSENFIELD, doing business as Rose Field Packing Co., Alameda, Calif. Filed Oct. 27, 1926.

Cash & Carry

Particular description of goods.—Honey, Peanut Butter, Tea, Coffee, Coffee Substitutes, Cocoa, Chocolate, Spices, Tapioca, Crushed Fruits, Jams, Jellies, Marmalades, Canned Fruits, Canned Vegetables, Orange Peel, Cereal Breakfast Foods, Pancake Flour, White Flour, Rice, Spaghetti, Macaroni, Bread, Crackers, Cakes, Canned Fish, Ham, Bacon; Canned Meats—Namely, Chipped Beef in Glass and Tin, Sliced Bacon in Glass, Pigs' Feet in Glass, Sliced Chicken in Glass; Lard, Mincemeat; Shortening Made from Vegetable Oils Such as Coconut Oil, Cottonseed Oil, and Peanut Oil, Pork and Beans, Cheese, Evaporated Milk, Butter, Eggs, Shredded Coconut, Oleomargerine, Gelatin, Plum Pudding, Catchup, Vinegar, Pickles, Canned Sauerkraut, Olive Oil, Peanut Salad Oil, Ripe Olives, Salted Almonds, Salad Dressing, Chili Sauce, Jelly Powder, Maple Sirup, Dry Mustard, Prepared Mustard, and Food-Flavoring Extracts.
Claims use since Aug. 30, 1926.

Ser. No. 239,395. (CLASS 45. BEVERAGES, NONALCOHOLIC.) BALDUR A. G. FÜR GÄRUNGSLOSE FRÜCHTEVERWERTUNG, Berlin/Schoneberg, Germany. Filed Oct. 29, 1926.

„Baldur's Liquid Fruit"

No claim is made to the words "Liquid Fruit" apart from the mark as shown in the drawing.
Particular description of goods.—Nonalcoholic, Maltless Beverages to be Sold as Soft Drinks and Sirups for Making the Same and Mineral Water.
Claims use since January, 1926.

Ser. No. 239,402. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FLEETWOOD LABORATORIES, INC., New York, N. Y. Filed Oct. 29, 1926.



No claim is made to the exclusive use of the words "Finest Radio Products" apart from the mark as shown in the drawing.
Particular description of goods.—Radio Receiving Sets, Radio Transmitting and Receiving Vacuum Tubes, Radio Storage Batteries, A, B, and C Dry Batteries, Aerial Kits, Aerial Insulators, Ground Clamps, Lightning Arresters, A and B Battery Eliminators, A and B Battery Chargers, A Batteries in Connection with Trickle or Other Type Chargers, B Batteries in Connection With Trickle or Other Type Chargers, Radio Variable Condensers, Fixed Condensers, Inductance Coils, Rheostats, Sockets, Plugs and Jacks, Assembled Radio Power Amplifying Units; Resistance-Coupled Amplifiers, Transformer-Coupled Amplifiers, Phone Units, Radio Receiving Sets Adopted for Combination With Phonographs, Head Telephones, Loop Aerials, Material for Radio Panels and Subpanels, Dials, Grid Leaks, Molded Insulators.
Claims use since June, 1926.

Ser. No. 239,531. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LESLIE RESEARCH COMPANY, INC., New York, N. Y. Filed Nov. 1, 1926.

NO-SEPTIC

Particular description of goods.—Nasal Cream.
Claims use since Oct. 22, 1926.

Ser. No. 239,576. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) DORER & REINHART, Worms, Germany. Filed Nov. 2, 1926.



No claim is made to the word "Worms" apart from the mark shown.
Particular description of goods.—Leather.
Claims use since Mar. 19, 1926.

Ser. No. 239,625. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PAUL E. POIRIER, doing business as Julienne de Leamont, Detroit, Mich. Filed Nov. 3, 1926.



No claim is made to the exclusive use of the words "de Paris," "Trade-mark," or the phrase "For the Complexion, One Application Makes the Transformation" except as used in connection with the other features of the mark. The picture shown is fanciful and not of any person.

Particular description of goods.—Preparation for the Complexion.

Claims use since 1902.

Ser. No. 239,629. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) SOCIÉTÉ ANONYME ETABLISSEMENTS REYNIER, Grenoble, France. Filed Nov. 3, 1926.



Trade-mark is composed of the word "Casoar" in thick letters detaching themselves from the word "Reynier" inscribed in thin and bigger letters, the whole surrounded by a snake forming an oval line, the head and the tail of the snake rejoining each other at the lower part of the mark. The trade-mark is affixed in all colors.

Particular description of goods.—Leathers and Hides Prepared of All Kinds.

Claims use since June, 1924.

Ser. No. 239,665. (CLASS 39. CLOTHING.) MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind. Filed Nov. 4, 1926.

LITEX

Particular description of goods.—Composition Soles for Shoes.

Claims use since Oct. 5, 1926.

Ser. No. 239,673. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PERCO CEREAL CO., INC., Fort Worth, Tex. Filed Nov. 4, 1926.

PERCOFEE

Particular description of goods.—Cereal Beverage Compounds—Namely, Coffee Substitute.

Claims use since about Nov. 4, 1926.

Ser. No. 239,675. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PERCO CEREAL CO., INC., Fort Worth, Tex. Filed Nov. 4, 1926.

PERKUP

Particular description of goods.—Cereal Beverage Compounds—Namely, Coffee Substitute.

Claims use since about Nov. 4, 1926.

Ser. No. 239,684. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) STEMOR COMPANY, INC., New York, N. Y. Filed Nov. 4, 1926.

Colortran

Particular description of goods.—Transfer Patterns for Embroidery.

Claims use since Oct. 9, 1926.

Ser. No. 239,791. (CLASS 37. PAPER AND STATIONERY.) BIRMINGHAM PAPER COMPANY, Birmingham, Ala. Filed Nov. 8, 1926.

BIRMINGHAM SCHOOL



No claim is made to the words "Birmingham School" or "City of Birmingham, Ala." apart from the mark illustrated.

Particular description of goods.—Writing Paper, Drawing Paper, Tablets, and Composition Books.

Claims use since 1909.

Ser. No. 239,875. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES BAUER, doing business as Vet Products Laboratory, Westbury, N. Y. Filed Nov. 10, 1926.



Particular description of goods.—Veterinary Remedies—Namely, a Liniment and Body Wash, Cough Mixture, Physic Balls, Wound Lotion, Electuary, Red Blister, Red Iodide of Mercury Ointment, Fly Blister (Compound Spanish Fly Ointment), Liquid Blister, Preparation Used as a Counterirritant and Vesicant, Surgical Dressing (Antiseptic Ointment for Treating Wounds and Infected Surfaces of the Skin), Colic Drink, Condition Powder, Shampoo; Coat and Whisker Grower, Preparation for Treatment of Eczema, Red Range, and Itching, Worm Capsules.

Claims use since Sept. 7, 1922.

Ser. No. 240,074. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GOLDEN MERMAID PRODUCTS CO., Atlantic City, N. J. Filed Nov. 15, 1926.



Particular description of goods.—Face Creams, Skin Creams, Face Powders, Skin Lotions, Rouges, Lip Sticks, Perfumes, Toilet Waters, Bath Salts, Talcum Powders, Pomades, Brilliantines, and Deodorants.

Claims use since Sept. 1, 1926.

Ser. No. 240,175. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ESCONDIDO CITRUS UNION, Escondido, Calif. Filed Nov. 17, 1926.

WONDERLAND

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.

Claims use since Jan. 2, 1910.

Ser. No. 240,214. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) POLK MILLER PRODUCTS CORPORATION, Richmond, Va. Filed Nov. 17, 1926.



The drawing is lined for color, the background being lined to indicate yellow and the parallel panels being lined to indicate red.

Particular description of goods.—Animal Medicines—Namely, Flea Soap for Dogs, Worm Medicine for Dogs; a Preparation for Treating Sore Mouth, Inflamed Gums, and Black Tongue in Dogs; Medicine for Distemper and Severe Colds in Dogs; a Preparation for Treating Mange, Eczema, Skin Diseases, Scratches, Sores, Eruption, Loss of Hair, Dull Dry Hair, and Shaggy Rough Coats on Dogs, Cattle, and Horses, Medicine for Coughs, Colds, and Bronchial Troubles in Dogs; a Preparation for Treating Internal and External Canker of the Ear of Dogs; a Preparation for Treating Granulated Lids, Bloodshot Eyes, Irritations, and Bruises on Dogs; Diarrhea and Dysentery Medicine for Dogs; Rubbing Oil for Sprains, Lameness, Stiff Joints, Strains, Sore Muscles, and Rheumatism in Dogs, Horses, and Cattle; a Vermin Powder for Cats, Dogs, Poultry, and Other Animals; Tonic and Alterative Pills for Treating Fevers, Loss of Appetite, General Debility, and Run-Down Condition in Dogs; Medicine for Running Barking Fits in Dogs, Laxative Capsules for Dogs, Pills for Treating Rheumatism in Dogs, and Pepsin Tablets for Treating Diarrhea, Vomiting, Indigestion, and Cramps in Dogs.

Claims use since May, 1919.

Ser. No. 240,226. (CLASS 12. CONSTRUCTION MATERIALS.) TREMAN, KING & Co., Ithaca, N. Y. Filed Nov. 17, 1926.

TEE KAY

Particular description of goods.—Prepared Roofing, Prepared Asphalt Roofing, Cut-Out Shingles, Strip Shingles, Individual Shingles, Tarred Felt, Deadening Felt, Black Rope Sheathing, Red Rosin Sheathing, and Asbestos-Fibred Elastic Roofing Cement.
Claims use since January, 1926.

Ser. No. 240,242. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE CLEVELAND OAK BELTING CO., Cleveland, Ohio. Filed Nov. 18, 1926.

CLEVE-OAK
BELTING

No claim is made to the word "Belting" apart from the mark shown in the drawing.
Particular description of goods.—Leather Belting.
Claims use since Aug. 10, 1925.

Ser. No. 240,268. (CLASS 33. GLASSWARE.) THE LIBBEY GLASS MANUFACTURING COMPANY, Toledo, Ohio. Filed Nov. 18, 1926.

No-nik

Applicant is owner by assignment of registration No. 135,883.
Particular description of goods.—Articles of Glassware.
Claims use since April, 1926.

Ser. No. 240,285. (CLASS 39. CLOTHING.) JOSEPH J. AARONS & Co., New York, N. Y. Filed Nov. 19, 1926.

IVORYTONE

No registration rights are claimed in the words "Ivory Tone" except in association with the other features of the mark.
Particular description of goods.—Hats for Men, Women, and Children.
Claims use since Nov. 2, 1926.

Ser. No. 240,324. (CLASS 10. FERTILIZERS.) THE SOILIFE HUMUS COMPANY, INC., Buffalo, N. Y. Filed Nov. 19, 1926.

Soilife

Particular description of goods.—Fertilizers.
Claims use since about May, 1924.

Ser. No. 240,376. (CLASS 38. PRINTS AND PUBLICATIONS.) JAMES E. VAN DYKE, New York, N. Y. Filed Nov. 20, 1926.

THE INVESTOR'S
Pocket Manual

Particular description of goods.—Periodical Published Monthly and Containing Current Statistical Information on Various Companies and Corporations and Prices of Various Securities and Commodities.
Claims use since Apr. 10, 1909.

Ser. No. 240,381. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE WOOLEN CORPORATION OF AMERICA, New York, N. Y. Filed Nov. 20, 1926.

Roycroft

FABRICS

The line spaces in the drawing merely indicate shading. No claim is made to the exclusive use of the words "Style," "Quality," and "Fabrics" apart from the mark as shown in the drawing.
Particular description of goods.—Fabrics of Wool, Worsted, Cotton, Silk, or Rayon Fiber or Combinations Thereof.
Claims use since Nov. 10, 1926.

Ser. No. 240,392. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) AMERICAN DISINFECTING COMPANY, Sedalia, Mo. Filed Nov. 22, 1926.

ZIP SCRUB

Trade-mark consists merely in the words "Zip Scrub."
Particular description of goods.—Liquid Compound for Scrubbing Inanimate Hard Surfaces.
Claims use since 1923.

Ser. No. 240,461. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MANUEL S. VALLDEJULI, doing business as the Picot Company and The Picot Co., Buffalo, N. Y. Filed Nov. 22, 1926.



Particular description of goods.—Diuretic Stimulant with Vitamines.
Claims use since October, 1920.

Ser. No. 240,579. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN SOLVENTS & CHEMICAL CORPORATION, New York, N. Y. Filed Nov. 26, 1926.

AMERSOL

Particular description of goods.—Denatured Alcohol, Solvents, Esters, Ethers, Fusel Oil, Acetates, Propionates, Stearates, Phthalates, Iodides, Tincture of Iodine, Carbon Dioxide, Collodion, Cotton or Nitrocellulose Solutions, and Magnesia Compounds.
Claims use since about Sept. 1, 1926.

Ser. No. 240,580. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN SOLVENTS & CHEMICAL CORPORATION, New York, N. Y. Filed Nov. 26, 1926.



Particular description of goods.—Denatured Alcohol, Solvents, Esters, Ethers, Fusel Oil, Acetates, Propionates, Stearates, Phthalates, Iodides, Tincture of Iodine, Carbon Dioxide, Collodion, Cotton or Nitrocellulose Solutions, and Magnesia Compounds.
Claims use since about Sept. 1, 1926.

Ser. No. 240,635. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VAN VLEET-MANSFIELD DRUG CO., Memphis, Tenn. Filed Nov. 26, 1926.



No claim is made to the use of the words "We Sell the Best," "North America," and "South America" apart from the mark shown on the drawing.
Particular description of goods.—Medicinal Tonic and Liver Invigorator Recommended for Treatment of Chills and Fever.
Claims use since Feb. 18, 1919.

Ser. No. 240,700. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CORN PRODUCTS REFINING COMPANY, New York, N. Y. Filed Nov. 29, 1926.

LIBERTY



No claim is made to the exclusive use of the words "Reg. U. S. Pat. Off." apart from the mark shown on the drawing.

Particular description of goods.—Starch for Laundry and Manufacturing Purposes.

Claims use since about Sept. 1, 1900.

Ser. No. 240,783. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) H & P COMPANY, Carlisle, Pa. Filed Nov. 30, 1926.



Particular description of goods.—Toy Furniture.

Claims use since Oct. 15, 1926.

Ser. No. 240,809. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) DETROIT RANGE BOILER & STEEL BARREL COMPANY, Detroit, Mich. Filed Dec. 1, 1926.

STAR D DEE

Particular description of goods.—Gas Water Heaters.

Claims use since May, 1926.

Ser. No. 240,922. (CLASS 39. CLOTHING.) D. M. OBERMAN MFG. CO., Jefferson City, Mo., and New York, N. Y. Filed Dec. 3, 1926.

Prestojack

Particular description of goods.—Men's Lumberjack Shirts and Trousers, Work Shirts, and Trousers.

Claims use since Nov. 6, 1926.

Ser. No. 240,982. (CLASS 39. CLOTHING.) KNOX HOSIERY MILLS, Cleveland, Tenn. Filed Dec. 4, 1926.



The name and picture is that of David Crockett, American pioneer, hunter, and politician, killed at the Alamo, San Antonio, Tex., 1836.

Particular description of goods.—Hosiery.

Claims use since Aug. 12, 1926.

Ser. No. 240,986. (CLASS 37. PAPER AND STATIONERY.) LION TYPEWRITER SUPPLIES COMPANY LIMITED, London, England. Filed Dec. 4, 1926.

RUBBASTEEL

No rights are asserted to the exclusive use of the term "Rubba" apart from the mark as shown in the drawing. The lining shown in the drawing indicates shading and not any particular color scheme.

Particular description of goods.—Stencil Paper.

Claims use since June 30, 1926.

Ser. No. 241,103. (CLASS 39. CLOTHING.) JOSHUA HOYLE & SONS, LTD. INC., New York, N. Y. Filed Dec. 7, 1926.



No claim is asserted to the exclusive use of the word "Fabrics" apart from the mark shown in the drawing.

Particular description of goods.—Beach Robes, Bath Gowns, and Bath Robes.

Claims use since Nov. 5, 1926.

Ser. No. 241,105. (CLASS 39. CLOTHING.) JOSHUA HOYLE & SONS, LTD. INC., New York, N. Y. Filed Dec. 7, 1926.



No claim is made to the word "Fabrics."

Particular description of goods.—Beach Robes, Bath Gowns, and Bath Robes.

Claims use since Nov. 5, 1926.

Ser. No. 241,185. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GUSTAV A. RUMPF, doing business as Da-Z Mfg. Co., Jenkintown, Pa. Filed Dec. 8, 1926.

Da-Z

Particular description of goods.—Liquid Polish for Cleaning and Polishing Woodwork, Floors, Linoleum, Automobiles, or Other Finished Surfaces.

Claims use since on or about Oct. 10, 1926.

Ser. No. 241,196. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) NOBLE A. ALEXANDER, Denver, Colo. Filed Dec. 9, 1926.



Applicant disclaims the use of all wording appearing on the drawing except the words "Gold Bond" apart from the mark shown.

Particular description of goods.—Cleansing and Washing Compound.

Claims use since about Jan. 15, 1923.

Ser. No. 241,282. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HOPKINSVILLE MILLING CO., Hopkinsville, Ky. Filed Dec. 10, 1926.



Applicant disclaims any right to the exclusive use of the word "Flour" except in the precise relation and association in which the same appears herein. The lining does not denote color.

Particular description of goods.—Wheat Flour.

Claims use since September, 1907.

Ser. No. 241,309. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) C. C. WINCHESTER, doing business as The Sani-Vapor Co., Atlanta, Ga. Filed Dec. 10, 1926.

CEDAR FUME

Sani-Vapor

No claim is made to the words "Cedar Fume" apart from the mark as shown in the drawing.

Particular description of goods.—Disinfectant.

Claims use since September, 1926.

Ser. No. 241,350. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. F. REDNALL, Marysville, Calif. Filed Dec. 11, 1926.



The lining of drawing indicates the color red.

Particular description of goods.—Dried Fruits, Canned Fruits, Fresh Deciduous Fruits, and Fresh Citrous Fruits.

Claims use since Apr. 1, 1923.

Ser. No. 241,429. (CLASS 39. CLOTHING.) NEELY, HARWELL & CO., Nashville, Tenn. Filed Dec. 13, 1926.

PAN-AMERICAN

Particular description of goods.—Overalls and Work Shirts.

Claims use since July 1, 1926.

Ser. No. 241,489. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) H. W. MCDERMOTT, doing business as H. W. McDermott & Co., Seattle, Wash. Filed Dec. 14, 1926.



Particular description of goods.—Candy Packed in Boxes Wrapped in Paper or Other Suitable Containers.

Claims use since Dec. 8, 1926.

Ser. No. 241,504. (CLASS 12. CONSTRUCTION MATERIALS.) THE UNITED STATES QUARRY TILE COMPANY, Parkersburg, W. Va. Filed Dec. 14, 1926.

ROMANY

Particular description of goods.—Quarry Tile.

Claims use since Apr. 1, 1926.

Ser. No. 241,519. (CLASS 38. PRINTS AND PUBLICATIONS.) CHILD STUDY ASSOCIATION OF AMERICA, INC., New York, N. Y. Filed Dec. 15, 1926.

CHILD STUDY

"Child Study."

Particular description of goods.—Publications Which Include All Magazines Published Monthly from October to May, Inclusive.

Claims use since February, 1925.

Ser. No. 241,586. (CLASS 39. CLOTHING.) THE SIMONS & STRUVE HOSIERY COMPANY, Philadelphia, Pa. Filed Dec. 16, 1926.



Particular description of goods.—Children's Stockings.

Claims use since Dec. 8, 1926.

Ser. No. 241,660. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-Main and Ludwigshafen-on-Rhine, Germany. Filed Dec. 18, 1926.



Particular description of goods.—Dyestuffs.

Claims use since October, 1926.

Ser. No. 241,691. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BRENNAN PACKING CO., Chicago, Ill. Filed Dec. 20, 1926.

Custom

Particular description of goods.—Meat Products, as Follows: Hams, Shoulders, Bellies, Fatbacks, Lard, and Sausages.

Claims use since Sept. 11, 1926.

Ser. No. 241,711. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FITZPATRICK BROS., Chicago, Ill. Filed Dec. 20, 1926.

BLUE BIRD

Particular description of goods.—Cleaning and Scouring Compound in Finely-Divided Form for Household Use

Claims use since about June, 1918

Ser. No. 241,731. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) J. F. KURFEES PAINT COMPANY, INCORPORATED, Louisville, Ky. Filed Dec. 20, 1926.

SEAL SPAR

No claim is made to the exclusive use of the word "Spar" apart from the mark shown.

Particular description of goods.—Varnish, Japan, Filler, and Prepared Shellac.

Claims use since Apr. 2, 1926.

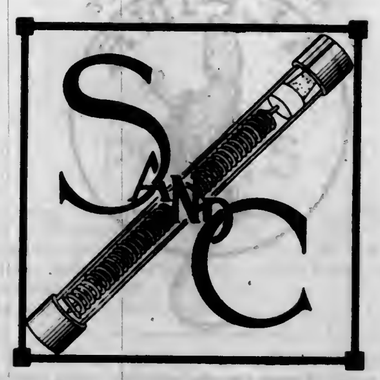
Ser. No. 241,745. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RAVOL COMPANY, Chicago, Ill. Filed Dec. 20, 1926.

RAVOL

Particular description of goods.—Soapless Shampoo Preparation.

Claims use since Sept. 23, 1926.

Ser. No. 241,748. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SCHWEITZER and CONRAD, Chicago, Ill. Filed Dec. 20, 1926.



No claim is made herein to the pictorial representation of a fuse.

Particular description of goods.—Fuse Mountings, Relays, Bus Supports, Switches, Choke Coils, Voltage Detectors, Lightning Arresters, and Fusible Cut-Outs.

Claims use since Apr. 21, 1910.

Ser. No. 241,752. (CLASS 39. CLOTHING.) TWINKIES SPECIALTY COMPANY, St. Louis, Mo. Filed Dec. 20, 1926.



Children's Hosiery

The words "Children's Hosiery" are disclaimed apart from the mark as shown on drawing.

Particular description of goods.—Hosiery.

Claims use since Apr. 29, 1926.

Ser. No. 241,764. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) ALPINA A. G., Gumligen, near Berne, Switzerland. Filed Dec. 21, 1926.



The word "Marque Déposée" are disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Leathers.
Claims use since June 1, 1926.

Ser. No. 241,787. (CLASS 12. CONSTRUCTION MATERIALS.) A. T. PATTISON & Co., New Orleans, La. Filed Dec. 21, 1926.

ASTRALITE

"Astralite."
Particular description of goods.—Shingles, Ridge Tiles, and Sheets Composed of Asbestos Fiber and Cement.
Claims use since Dec. 4, 1926.

Ser. No. 241,845. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) F. L. SMIDTH & Co., New York, N. Y. Filed Dec. 22, 1926.

SKIPULTER

Particular description of goods.—Conveyers for Cement Clinker and the Like.
Claims use since Oct. 30, 1926.

Ser. No. 241,874. (CLASS 37. PAPER AND STATIONERY.) CONTINENTAL PAPER & BAG MILLS CORPORATION, New York, N. Y. Filed Dec. 23, 1926.

Sponqee

Particular description of goods.—Paper Towels.
Claims use since Dec. 9, 1926.

Ser. No. 241,882. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EZRA FOWLER, doing business as Fowler & Company, Dallas, Tex. Filed Dec. 23, 1926.

"A meal within itself"
RIWHEATO

The slogan "A Meal Within Itself" is disclaimed apart from the other features of the mark shown.
Particular description of goods.—Cereal Breakfast Foods.
Claims use since Dec. 11, 1926.

Ser. No. 241,889. (CLASS 39. CLOTHING.) JAMES MCCREERY & COMPANY, New York, N. Y. Filed Dec. 23, 1926. Under 10-year proviso.

JAMES McCREERY & Co.

Particular description of goods.—Hosiery, Shawls, Ruffs, Collars, Underwear of Knitted or Textile Fabric of Cotton, Silk, and Wool and Combinations Thereof for Men, Women, and Children, Gloves of Leather, Trousers, Vests, Overcoats, Neckties; Dress, Negligee, Work, and Under Shirts of Linen, Cotton, and Silk; Dresses, Capes, Blouses, Outer and Under Skirts, Tunics, Jackets, Neckwear Consisting of Fichus, Guimpes, Jabots, Stoles; Shirt Waists, Corsets and Corset Covers, Nightshirts, Pyjamas; Men's, Women's, and Children's Suits, Coats, Cloaks, Sweaters, Hats, Caps, and Coats of Fur or Trimmed With Fur, and Fur Muffs.
Claims use since 1869.

Ser. No. 241,902. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) THE PITTSBURG AND MIDWAY COAL MINING COMPANY, Kansas City, Mo. Filed Dec. 23, 1926.



The exclusive use of the word "Oklahoma" is disclaimed except in connection with the trade-mark as shown.
Particular description of goods.—Coal.
Claims use since Nov. 30, 1924.

Ser. No. 241,916. (CLASS 39. CLOTHING.) WILLIAM B. WREFORD, Detroit, Mich. Filed Dec. 23, 1926.

SPORT DOGS
FOR COLD FEET
THEY ARE HOT

No claim is made to the words "For Cold Feet They Are Hot" aside from the mark as shown.
Particular description of goods.—Overshoes.
Claims use since Dec. 3, 1926.

Ser. No. 241,929. (CLASS 39. CLOTHING.) COOPER UNDERWEAR COMPANY, Kenosha, Wis. Filed Dec. 24, 1926.

Shock Absorber

Particular description of goods.—Union Suits of Underwear of Woven Textile Fabric for Men and Boys.
Claims use since Dec. 15, 1926.

Ser. No. 241,935. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DEBOW & Co., Newark, N. J. Filed Dec. 24, 1926.

PRIDE [illegible] JERSEY

No exclusive right to the word "Jersey" is claimed apart from the mark shown.
Particular description of goods.—Fresh Eggs.
Claims use since Oct. 22, 1926.

Ser. No. 241,959. (CLASS 23. CUTLERY, MACHINERY, AND PARTS THEREOF.) RITEALL CHECK-WRITER CORPORATION, New York, N. Y. Filed Dec. 24, 1926.

Riteall

Particular description of goods.—Check-Printing Machines.
Claims use since July 24, 1925.

Ser. No. 241,964. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) SOCIETY MAID NEEDLECRAFT Co., Brooklyn, N. Y. Filed Dec. 24, 1926.

SOCIETY MAID
NEEDLECRAFT
CO.

Particular description of goods.—Unfinished Art Embroideries and Stamped Fabrics—Namely, Fabrics of Linen, Silk, Cotton, and Wool Having Designs Thereon for Embroidery.
Claims use since July 8, 1925.

Ser. No. 241,975. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) YORK MANUFACTURING Co. INC., New York, N. Y. Filed Dec. 24, 1926.

AIR BRUSH

PRINTS

The word "Prints" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Cloth in the Piece Comprised Entirely of Cotton, Cotton and Rayon, or Cotton and Silk Mixtures.
Claims use since June, 1926.

Ser. No. 242,000. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) GREAT NORTHERN CHEMICAL COMPANY, San Francisco, Calif. Filed Dec. 27, 1926.

Hy.G

Particular description of goods.—Cleaning Fluid for Closet Bowls and Urinals.
Claims use since Oct. 4, 1926.

Ser. No. 242,001. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) HAMILTON SEED & COAL Co., Cedar Rapids, Iowa. Filed Dec. 27, 1926.



The word "Brand" is disclaimed.
Particular description of goods.—Farm and Garden Seeds.
Claims use since Oct. 1, 1926.

Ser. No. 242,006. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) K-K SOLDER COMPANY, Seattle, Wash. Filed Dec. 27, 1926.

K-K

Particular description of goods.—Cold Solder.
Claims use since Aug. 1, 1926.

Ser. No. 242,015. (CLASS 12. CONSTRUCTION MATERIALS.) LOCKPORT PAPER COMPANY, Lockport, N. Y. Filed Dec. 27, 1926.



Particular description of goods.—Building Felts Such as Sound-Deadening Felts, Shock-Absorbing Felts, Heat-Insulating Felts, and Other Felts Constituting Building Materials.
Claims use since August, 1925.

Ser. No. 242,019. (CLASS 39. CLOTHING.) MORRIS AND COMPANY, INCORPORATED, Baltimore, Md. Filed Dec. 27, 1926.

Parisundé

Particular description of goods.—Underwear for Men, Women, and Children, Knitted and Textile.
Claims use since June 21, 1926.

Ser. No. 242,033. (CLASS 37. PAPER AND STATIONERY.) WALTHER & COMPANY, INC., New York, N. Y. Filed Dec. 27, 1926.

SURETY SAFETY

No claim is made to the words "Safety" apart from the mark shown in the drawing.
Particular description of goods.—Safety Paper Such as is Used for Bank Checks, Bank Drafts, Bills of Exchange, Promissory Notes, Tickets, and All Vouchers of Value.
Claims use since Dec. 15, 1926.

Ser. No. 242,038. (CLASS 39. CLOTHING.) THE ASBURY MILLS, New York, N. Y. Filed Dec. 28, 1926.

Violet Ray

Particular description of goods.—Bathing Suits for Children, Misses, Women; Bathing Shoes, Bathing Caps, Bathing Tights, and Bathing Scarfs and Capes.
Claims use since Nov. 1, 1926.

Ser. No. 242,074. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FERROXANTI WORLD SYNDICATE INC., New York, N. Y. Filed Dec. 28, 1926.

FERROXANTI

Particular description of goods.—Boiler and Metal Treatment Against Corrosion, Pitting, Formation, and Adhering of Scale.
Claims use since Oct. 1, 1925.

Ser. No. 242,157. (CLASS 12. CONSTRUCTION MATERIALS.) TRIANGLE BUILDING MATERIAL CO., INC., New York and Woodhaven, N. Y. Filed Dec. 29, 1926.



Applicant makes no claim for registration to the words "Endures Thru the Ages" by itself, but merely to the association with the rest of the composite mark.
Particular description of goods.—Asbestos Shingle Roofing.
Claims use since Dec. 1, 1926.

Ser. No. 242,168. (CLASS 12. CONSTRUCTION MATERIALS.) CHAMBERLIN METAL WEATHERSTRIP COMPANY, Detroit, Mich. Filed Dec. 30, 1926.

CHAMBERLIN WEATHER STRIPS
"SINCE 1893 THE STANDARD"

No claim is made to the words "Weather Strips, Since 1893 the Standard" apart from the mark shown. Applicant is the owner of registration No. 86,784, effected under the 10-year proviso.
Particular description of goods.—Weather Strips.
Claims use since on or about Nov. 15, 1926.

Ser No. 242,183. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926.

Erico

Particular description of goods.—Compression Bibs or Faucets.
Claims use since May 12, 1925.

Ser. No. 242,185. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926.

Haysco

Particular description of goods.—Compression Bibs or Faucets, Compression Stopcocks, Compression Stop and Waste Cocks, Ground Key Plug Stopcocks, Ground Key Plug Stop and Waste Cocks, Shut-Off Waste Tubes, and Bath Cocks or Faucets.
Claims use since 1913.

Ser. No. 242,186. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926.

HAYS

"Hays."
Particular description of goods.—Compression Bibs, Compression Faucets, Ground Key Plug Cocks, Service Boxes, Gate-Valve Attachments, Service-Box Keys, and Extension Service-Box Parts.
Claims use since 1905.

Ser. No. 242,187. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926.

MOVA

Particular description of goods.—Compression Sink Fixtures or Faucets, Compression Basin Cocks or Faucets, Compression Bath Cocks or Faucets, and Compression Laundry-Tray Fixtures or Faucets.
Claims use since Feb. 7, 1923.

Ser. No. 242,188. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926.

Aristo

Particular description of goods.—Compression Basin Cocks or Faucets.
Claims use since 1913.

Ser. No. 242,189. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926.

Excel

Particular description of goods.—Compression Basin Cocks and Faucets.
Claims use since 1913.

Ser. No. 242,190. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926.

Signet

Particular description of goods.—Compression Stop and Waste Cocks and Compression Stopcocks.
Claims use since Oct. 27, 1923.

Ser. No. 242,191. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926.

Opewaste

Particular description of goods.—Compression Stop and Waste Cocks.
Claims use since Nov. 29, 1921.

Ser. No. 242,228. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE C. B. DOLGE CO., Westport, Conn. Filed Dec. 31, 1926.



Particular description of goods.—Pine Deodorizer; Disinfectant, Deodorizer, and Germicide; Chemical Weed Killer, Chemical Theater Spray, Chemical Oil

Spray, Liquid Moth Destroyer and Preventive, Chemical Roach and Bedbug Destroyer, Chemical Drip Liquid Odor Destroyer, Chemical Coal-Tar Disinfectant.
Claims use since 1907.

Ser. No. 242,232. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HOYLAND FLOUR MILLS COMPANY, Kansas City, Mo. Filed Dec. 31, 1926.

SMAX

"Smax."
Particular description of goods.—Cereal Breakfast Food.
Claims use since Sept. 30, 1926.

Ser. No. 242,234. (CLASS 37. PAPER AND STATIONERY.) D. LEONARDT AND COMPANY, Birmingham, England. Filed Dec. 31, 1926.

516

Particular description of goods.—Metallic Pens.
Claims use since June 1, 1884.

Ser. No. 242,244. (CLASS 39. CLOTHING.) O'HERN, STRACK & O'HERN, Indianapolis, Ind. Filed Dec. 31, 1926.

Sunningdale

Particular description of goods.—Women's Hats.
Claims use since Dec. 11, 1926.

Ser. No. 242,278. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CALIFORNIA PEACH & FIG GROWERS ASSOCIATION, Fresno, Calif. Filed Jan. 3, 1927.

MUFFIN FIGS

The use of the word "Figs" apart from the other features of the mark is disclaimed.
Particular description of goods.—Dried Figs.
Claims use since Nov. 13, 1926.

Ser. No. 242,284. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) ALBERT M. DIEHL, doing business as The Diehl Steel Co., Cincinnati, Ohio. Filed Jan. 3, 1927.

"VTEX"

Particular description of goods.—Tool Steel.
Claims use since May 3, 1926.

Ser. No. 242,321. (CLASS 37. PAPER AND STATIONERY.) WALLACE ADDRESSING MACHINE COMPANY, INC., New York, N. Y. Filed Jan. 3, 1927.

Writex

Particular description of goods.—Stencils.
Claims use since Dec. 24, 1926.

Ser. No. 242,338. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RICHARD HUDNUT, New York, N. Y. Filed Jan. 4, 1927.

NARCISSE
PERFUME PATS

No registration rights are claimed for the words "Narcisse Perfume" apart from the mark shown in the drawing.
Particular description of goods.—Perfume in Concentrated or Solid Form Having a Higher Percentage of Essential Oils Than is Found in Liquid Perfume.
Claims use since Nov. 26, 1926.

Ser. No. 242,339. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RICHARD HUDNUT, New York, N. Y. Filed Jan. 4, 1927.

DuBARRY
PERFUME PATS

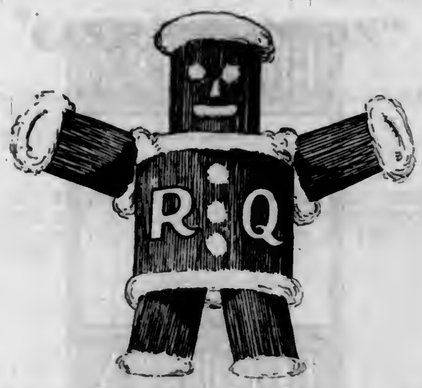
No registration rights are claimed for the word "Perfume" apart from the mark shown in the drawing. Applicant is the owner of registration No. 56,855.
Particular description of goods.—Perfume in Concentrated or Solid Form Having a Higher Percentage of Essential Oils Than is Found in Liquid Perfume.
Claims use since Nov. 26, 1926.

Ser. No. 242,343. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) LOCKPORT COTTON BATTING CO., Lockport, N. Y. Filed Jan. 4, 1927.

The R-Q Batt Man

No claim is made for the word "Batt" apart from the mark shown.
Particular description of goods.—Cotton or Wool Batting.
Claims use since Mar. 23, 1926.

Ser. No. 242,344. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) LOCKPORT COTTON BATTING CO., Lockport, N. Y. Filed Jan. 4, 1927.



Particular description of goods.—Cotton or Wool Batting.
Claims use since Mar. 23, 1926.

Ser. No. 242,346. (CLASS 32. FURNITURE AND UPHOLSTERY.) MICHIGAN SEATING COMPANY, Jackson, Mich. Filed Jan. 4, 1927.

Artex

Particular description of goods.—Upholstered Furniture—Namely, Bed Davenports, Davenports, Sofas, Chairs, Rockers, Stools, Benches, and Chaise Longues.
Claims use since November, 1926.

Ser. No. 242,370. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed Jan. 5, 1927.

SERIKOSE

Particular description of goods.—Coal-Tar Dyes, Disinfectants, Preservatives for Food, Photographic Developers, and Chemicals Used in Printing, Dyeing, and Finishing.
Claims use since Nov. 1, 1906.

Ser. No. 242,389. (CLASS 12. CONSTRUCTION MATERIALS.) NATIONAL GYPSUM COMPANY, Buffalo, N. Y. Filed Jan. 5, 1927.



The drawing is lined to indicate that the edge of the piece of wall board shown on the drawing is colored a golden color. The trade-mark consists in making the edges of the wall board of a golden color. No claim is made to the representation of a piece of wall board.
Particular description of goods.—Wall Board.
Claims use since Dec. 8, 1926.

Ser. No. 242,437. (CLASS 38. PRINTS AND PUBLICATIONS.) NATIONAL LIFE AND ACCIDENT INSURANCE COMPANY, Nashville, Tenn. Filed Jan. 6, 1927.

Our Shield

The lining on drawing indicates shading only.
Particular description of goods.—House Organ.
Claims use since Dec. 7, 1926.

Ser. No. 242,450. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE TRANSPORT SUPPLY CO. LD., Dallam, Warrington, England. Filed JAN. 6, 1927.

FLUSOLDA

Particular description of goods.—Solder in Combination With a Flux.
Claims use since about Apr. 16, 1926.

Ser. No. 242,455. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VIKING LABORATORIES, INCORPORATED, Charleston, W. Va. Filed Jan. 6, 1927.



Particular description of goods.—Chemicals and Chemical Preparations for Cleaning the Outlet Pipes of Sinks, Bathtubs, and Washbowls.
Claims use since on or about Dec. 1, 1926.

Ser. No. 242,471. (CLASS 45. BEVERAGES, NONALCOHOLIC.) BOTTLERS SUPPLY COMPANY, Milwaukee, Wis. Filed Jan. 7, 1927.



The drawing is lined for red. Applicant disclaims exclusive use of the words "Pale Dry," "Ginger Ale," and "Tickles Your Taste" except as they appear in connection with the mark.

Particular description of goods.—Ginger Ale and Sirups and Extracts for Making the Same.

Claims use since Oct. 1, 1925.

Ser. No. 242,478. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) GEORGE BROS. MFG. CO., New York, N. Y. Filed Jan. 7, 1927.



The words "Shoe Polish" and "New York, N. Y., U. S. A." appearing on the drawing are disclaimed apart from the mark shown.

Particular description of goods.—Shoe Polishes and Shoe Creams.

Claims use since December, 1925.

Ser. No. 242,480. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HELPA PRODUCTS CORPORATION, Hoboken, N. J. Filed Jan. 7, 1927.



The drawing is lined to indicate the color blue. The crosshatching is intended to show orange.

Particular description of goods.—Solvent Cleanser, Water Softener, and Boiler Compound.

Claims use since Dec. 1, 1923.

Ser. No. 242,489. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) JAKOB NEURATH, Vienna, Austria. Filed Jan. 7, 1927.

BONDRAT

Particular description of goods.—Bearing Metals.

Claims use since Oct. 6, 1924.

Ser. No. 242,491. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE NORTH AMERICAN COAL CORPORATION, Cleveland, Ohio. Filed Jan. 7, 1927.

"NACCO"

Particular description of goods.—Coal, Carbonized Fuel, and Coke.

Claims use since Dec. 28, 1926.

Ser. No. 242,492. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE NORTH AMERICAN COAL CORPORATION, Cleveland, Ohio. Filed Jan. 7, 1927.

"SAW MILL RUN"

Particular description of goods.—Coal, Carbonized Fuel, and Coke.

Claims use since Dec. 28, 1926.

Ser. No. 242,493. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE NORTH AMERICAN COAL CORPORATION, Cleveland, Ohio. Filed Jan. 7, 1927.

"CASTLE SHANNON"

Particular description of goods.—Coal, Carbonized Fuel, and Coke.

Claims use since Dec. 28, 1926.

Ser. No. 242,494. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ODELL COMPANY, INC., Newark, N. J. Filed Jan. 7, 1927.



No registration rights are claimed for the words "The Odell Company, Newark, N. J."

Particular description of goods.—Hair-Color Restorer.

Claims use since July 31, 1926.

Ser. No. 242,513. (CLASS 39. CLOTHING.) STERN & SAYER, New York, N. Y. Filed Jan. 7, 1927.



No claim is made to the exclusive use of the words "Never Fade," "Sternwear," and "Shirts."

Particular description of goods.—Cloth Garments—Namely, Dress, Sport-Wear, and Work Shirts and Blouses for Men, Women, and Children.

Claims use since July, 1925.

Ser. No. 242,539. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) INDUSTRIAL SPECIALTY CORPORATION, West Springfield, Mass. Filed Jan. 8, 1927.

RUBWOOL

Particular description of goods.—Combination of Steel Wool, and Holders Therefor.

Claims use since Nov. 9, 1925.

Ser. No. 242,541. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEE-STRAUSS COMPANY, Johnstown, Pa. Filed Jan. 8, 1927.



The word "Magnesia" is disclaimed separate and apart from the mark shown in the drawing. The lining in the diamond-shaped figure is to indicate orange color. The lining in the scroll is for shading only.

Particular description of goods.—Citrate of Magnesia.

Claims use since Oct. 25, 1926.

Ser. No. 242,550. (CLASS 38. PRINTS AND PUBLICATIONS.) THE SANTA MARIA ITALIAN EDUCATIONAL AND INDUSTRIAL HOME, Cincinnati, Ohio. Filed Jan. 8, 1927.

VERITAS

"Veritas."

Particular description of goods.—A Periodical Publication.

Claims use since Feb. 1, 1926.

Ser. No. 242,561. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ALFRED ANDERSON, doing business as Anderson Chemical Co., Litchfield, Minn. Filed Jan. 10, 1927.



The words "Washing Powder" do not form a part of the registration sought apart from the mark shown in the drawing.

Particular description of goods.—Washing Powder.

Claims use since January, 1924.

Ser. No. 242,587. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WILLIAM J. HAYNES, Kansas City, Mo. Filed Jan. 10, 1927.

AUTORAF

Particular description of goods.—Swimming Floats for Bathers.
Claims use since July 1, 1926.

Ser. No. 242,591. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ILLINOIS FRUIT GROWERS EXCHANGE, Centralia, Ill. Filed Jan. 10, 1927.

OKAW

Particular description of goods.—Fruits—Namely, Peaches, Apples, Pears, Strawberries; and Fresh Vegetables—Namely, Asparagus, Potatoes, Cabbage, and Tomatoes.
Claims use since Aug. 1, 1926.

Ser. No. 242,611. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) PERKINS & WILLMOTT, INC., Upton, Mass. Filed Jan. 10, 1927.

NIM-BEL-TOTS

Particular description of goods.—Toy Figures Made of Wood.
Claims use since Nov. 26, 1926.

Ser. No. 242,615. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PORTLAND SUPPLY CO., Portland, Oreg. Filed Jan. 10, 1927.

MAPLE GARDEN

The word "Maple" does not form a part of the registration sought apart from the mark shown in the drawing.
Particular description of goods.—Cane and Maple Sirup
Claims use since Nov. 1, 1920.

Ser. No. 242,618. (CLASS 37. PAPER AND STATIONERY.) RAND KARDEX BUREAU, INC., Tonawanda, N. Y. Filed Jan. 10, 1927.

Chaindex

The lining on the drawing is merely for the purpose of shading and is not intended to limit the mark to any particular color.
Particular description of goods.—Blank and Partially-Printed Cards and Forms for Indexes, Indexes Consisting of Blank or Partially-Printed Forms or Cards, Index Cards of the Articulated Type, and Case Frames and Holders for Index Cards.
Claims use since Aug. 5, 1924.

Ser. No. 242,628. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOS. SOCOLOF CO., INC., Brooklyn, N. Y. Filed Jan. 10, 1927.

JES-SO!

Particular description of goods.—Canned Vegetables and Fruits.
Claims use since July 16, 1926.

Ser. No. 242,636. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) VESTAL CHEMICAL CO., St. Louis, Mo. Filed Jan. 10, 1927.

Wax-rite

No exclusive claim is made to the word "Wax" apart from the mark shown.
Particular description of goods.—Floor-Waxing Product.
Claims use since October, 1925.

Ser. No. 242,641. (CLASS 12. CONSTRUCTION MATERIALS.) WELLSVILLE FIRE BRICK COMPANY, Wellsville, Mo. Filed Jan. 10, 1927.

FORM-O-FRAX

Particular description of goods.—Refractory Fire Brick Material in Plastic Form.
Claims use since Dec. 15, 1926.

Ser. No. 242,647. (CLASS 45. BEVERAGES, NONALCOHOLIC.) YANKEE DRY CORPORATION, Brooklyn, N. Y. Filed Jan. 10, 1927.



All words appearing on the drawing with the exception of the corporate name are disclaimed.
Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks.
Claims use since Dec. 1, 1926.

Ser. No. 242,688. (CLASS 12. CONSTRUCTION MATERIALS.) NATIONAL ASBESTOS SHINGLE CORPORATION, New York, N. Y. Filed Jan. 11, 1927.

METALTONE

Particular description of goods.—Shingles.
Claims use since Sept. 1, 1925.

Ser. No. 242,689. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) NORTHRUP, KING & CO., Minneapolis, Minn. Filed Jan. 11, 1927.

PARKVIEW

Particular description of goods.—Lawn-Grass Seed.
Claims use since July 1, 1926.

Ser. No. 242,694. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SPARTAN MILLS, Spartanburg, S. C. Filed Jan. 11, 1927. Under 10-year proviso.



Particular description of goods.—Cotton Piece Goods for Shirting.
Claims use since 1888.

Ser. No. 242,698. (CLASS 39. CLOTHING.) THE WEISBAUM BROS.-BROWER CO., Cincinnati, Ohio. Filed Jan. 11, 1927.

"Beau Brummell"

Particular description of goods.—Neckties.
Claims use since Aug. 1, 1926.

Ser. No. 242,710. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CRO-ZO MANUFACTURING CO., Los Angeles, Calif. Filed Jan. 12, 1927.

CRO-ZO

Particular description of goods.—Preparation for Preventing and Destroying Corrosion on the Terminals of Storage Batteries in the Form of a Liquid.
Claims use since Nov. 29, 1926.

Ser. No. 242,719. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GUY T. GIBSON, INCORPORATED, New York, N. Y. Filed Jan. 12, 1927.

Ciro

"Ciro."

Particular description of goods.—Toilet Lotions; Face, Talcum, and Sachet Powders; Face Creams, Toilet Waters, Sachets, Rouges, Eyebrow Pencils, Face Rouge and Lip Rouge, Perfumes, Depilatories, Aromatic Vinaigres, and Liquid Face Powders.

Claims use since about July 1, 1923.

Ser. No. 242,722. (CLASS 39. CLOTHING.) HENRY BROS. & Co., San Francisco, Calif. Filed Jan. 12, 1927.

SURETOLAST

No claim is made to the word "Suretolast" appearing in the drawing apart from the mark as shown.

Particular description of goods.—Pants, Overalls, Jumperalls, and Play Suits.

Claims use since July 1, 1926.

Ser. No. 242,758. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOUTHERN PINE REMEDIES, INCORPORATED, Dover, Del. Filed Jan. 12, 1927.

Balm of Southern Pines



The wording appearing in the drawing is disclaimed apart from the mark shown.

Particular description of goods.—Healing Oil for the Treatment of Cuts, Burns, Bruises, Stings, Chaps, Whooping Cough, Bronchitis, Tonsillitis, Asthma, Head Colds, Sunburn, Prickly Heat, Skin Eruptions, Sore Feet, Sore Muscles, and Ordinary Sore Throat.

Claims use since Dec. 7, 1926.

Ser. No. 242,767. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) GEORGE B. ALLEN, doing business as American Pingolf Company, Atlanta, Ga. Filed Jan. 13, 1927.

PINGOLF

Particular description of goods.—Outdoor or Indoor Game Played With Tenpins, Balls, and a Club.

Claims use since Dec. 21, 1926.

Ser. No. 242,780. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) DAVIES PRODUCTS, INCORPORATED, St. Paul, Minn. Filed Jan. 13, 1927.



Particular description of goods.—Varnishlike Finish for Wood and Other Surfaces.

Claims use since Nov. 20, 1926.

Ser. No. 242,781. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) DAVIES PRODUCTS, INCORPORATED, St. Paul, Minn. Filed Jan. 13, 1927.

DAYDUC

Particular description of goods.—Varnishlike Finish for Wood and Other Surfaces.

Claims use since Nov. 20, 1926.

Ser. No. 242,794. (CLASS 45. BEVERAGES, NONALCOHOLIC.) ERNEST W. PAYNE, Racine, Wis. Filed Jan. 13, 1927.

BUBBLES

Particular description of goods.—Nonalcoholic, Maltless Sirup for Making Soft Drinks.

Claims use since June 1, 1921.

Ser. No. 242,800. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RED SUN PRODUCTS CO., Chicago, Ill. Filed Jan. 13, 1927.

SUN SET

Particular description of goods.—Hop-Flavored Malt Sirup for Food Purposes.

Claims use since May 5, 1925.

Ser. No. 242,836. (CLASS 2. RECEPTACLES.) THE KEAPSIT BOTTLE COMPANY, Cincinnati, Ohio. Filed Jan. 14, 1927.

COLD KEAPSIT HOT

The words "Cold" and "Hot" are disclaimed apart from the mark as shown.

Particular description of goods.—Vacuum Bottles and Containers.

Claims use since Sept. 15, 1926.

Ser. No. 242,842. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) A. R. MUNN, INC., Atlanta, Ga. Filed Jan. 14, 1927.

ciazol

Particular description of goods.—Toothbrushes.

Claims use since Jan. 1, 1906.

Ser. No. 242,866. (CLASS 37. PAPER AND STATIONERY.) TOMAHAWK KRAFT PAPER CO., Tomahawk, Wis. Filed Jan. 14, 1927.



Particular description of goods.—Wrapping Paper.

Claims use since Dec. 16, 1926.

Ser. No. 242,876. (CLASS 39. CLOTHING.) HARRY BERGER, doing business as Harry Berger Shirt Company, New York, N. Y. Filed Jan. 15, 1927.

White Rose

Particular description of goods.—Men's and Boys' Collars, Pyjamas, Night Robes, Underwear of Textile Fabrics, and Shirts—Namely, Dress, Negligee, and Work Shirts.

Claims use since July, 1926.

Ser. No. 242,880. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) CHARLES C. COUSINS JR., Brooklin, Me. Filed Jan. 15, 1927.

CAPE RACER

Particular description of goods.—Sleds.

Claims use since on or about Nov. 27, 1926.

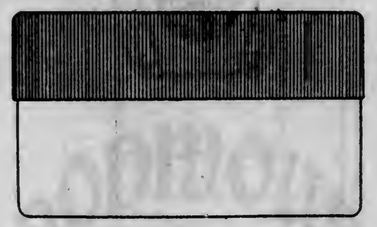
Ser. No. 242,898. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LA FRANCE LABORATORIES, INC., New York, N. Y. Filed Jan. 15, 1927.

La Mere's

Particular description of goods.—Cough Medicine.

Claims use since December, 1924.

Ser. No. 242,906. (CLASS 2. RECEPTACLES.) THE PURITY PAPER VESSELS COMPANY, Baltimore, Md. Filed Jan. 15, 1927.



The drawing is lined for red. The mark consists of a band of red carried by the flange of the cover of the can.

Particular description of goods.—Cylindrical Paper Cans.

Claims use since Oct. 1, 1925.

Ser. No. 242,907. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) QUALITY HARDWARE AND MACHINE CO., Chicago, Ill. Filed Jan. 15, 1927.



No claim is made to the particular words "Vacuum Cleaner" and "No." except as specifically shown in the drawing.

Particular description of goods.—Vacuum Cleaners.

Claims use since May 13, 1926.

Ser. No. 242,928. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TRIPOLI BARBER'S SUPPLY CO. INC., Philadelphia, Pa. Filed Jan. 15, 1927.



The Keystone appears in red with a narrow white border superimposed upon a green background, and the countries on the globe appear in red.

Particular description of goods.—Hair Tonic.

Claims use since Jan. 5, 1927.

Ser. No. 242,954. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THEODORE KAY, Kirkland, Wash. Filed Jan. 17, 1927.



Particular description of goods.—Automobile Robes Manufactured from Woven Fabrics Such as are Suitable for Blankets in Bed Clothing.

Claims use since Dec. 1, 1926.

Ser. No. 242,975. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE H. G. WARLAND CORP., New York, N. Y. Filed Jan. 17, 1927.

CREPE
"BEL-SOIE"



No claim is made to the exclusive use of the words "Bel, Finish Quality Crepes, Crepe Soie" apart from the mark as shown in the drawing.

Particular description of goods.—Silk Piece Goods.

Claims use since August, 1925.

Ser. No. 243,011. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ORIENTAL SILK PRINTING COMPANY, Haledon, N. J., and New York, N. Y. Filed Jan. 18, 1927.



Exclusive use of the words "Mosaic Prints" is not claimed apart from the mark shown.

Particular description of goods.—Textile Fabrics—Namely, Silk, Artificial Silk, Wool, and Cotton and Combinations Thereof.

Claims use since Nov. 1, 1926.

Ser. No. 243,047. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM H. FREDERICK, doing business as Colwell Mfg. Co., St. Paul, Minn. Filed Jan. 19, 1927.

"CHIPPEWA"
THE GREAT HEALER



No claim is made to the words "The Great Healer" apart from the mark as shown in the drawing.

Particular description of goods.—Ointment for Poison Ivy, Infection from Oak and Other Poisonous Plants, Mosquito Stings, Insect Bites, Itching Piles, Burns, Inflammation, and All Skin Infections.

Claims use since on or about Nov. 1, 1926.

Ser. No. 243,048. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HAGER, CLARK & CO., New York, N. Y. Filed Jan. 19, 1927.

SUPER-FOURS

"Super-Fours."

Particular description of goods.—Woolen and Worsted Piece Goods.

Claims use since October, 1926.

Ser. No. 243,050. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HAGER, CLARK & CO., New York, N. Y. Filed Jan. 19, 1927.

AIR-WEAR

No claim is made to the exclusive use of the word "Wear" apart from the mark as shown in the drawing. Trade-mark consists of the word "Air-Wear."

Particular description of goods.—Woolen and Worsted Piece Goods.

Claims use since October, 1925.

Ser. No. 243,055. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HAGER, CLARK & CO., New York, N. Y. Filed Jan. 19, 1927.

MISSION SUITINGS

No claim is made to the exclusive use of the word "Suitings" apart from the mark as shown in the drawing. The mark consists in the words "Mission Suitings."

Particular description of goods.—Woolen and Worsted Piece Goods.

Claims use since April, 1925.

Ser. No. 243,082. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) COHN HALL MARX CO., New York, N. Y. Filed Jan. 20, 1927.

BLOOM OF THE ORIENT

Particular description of goods.—Silk Goods in the Piece.

Claims use since Dec. 1, 1926.

Ser. No. 243,084. (CLASS 39. CLOTHING.) DODGE & SEYMOUR, LTD., New York, N. Y. Filed Jan. 20, 1927.

DODMOUR

Particular description of goods.—Men's and Women's Hosiery.

Claims use since November, 1926.

Ser. No. 243,102. (CLASS 38. PRINTS AND PUBLICATIONS.) JOS. A. MORRIS & CO., New York, N. Y. Filed Jan. 20, 1927.

Whats What by Watts

Particular description of goods.—A Heading for a Newspaper Section Published Monthly.
Claims use since Apr. 5, 1926.

Ser. No. 243,105. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MAX NEYMAN, Brooklyn, N. Y. Filed Jan. 20, 1927.

Nyma

"Nyma."
Particular description of goods.—Knitted Woolen Cloths in the Piece.
Claims use since Nov. 20, 1926.

Ser. No. 243,113. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE REA-PATTERSON MILLING COMPANY, Coffeyville, Kans. Filed Jan. 20, 1927.

PRIDE OF THE OZARKS

Particular description of goods.—Wheat Flour.
Claims use since February, 1913.

Ser. No. 243,145. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Jan. 21, 1927.



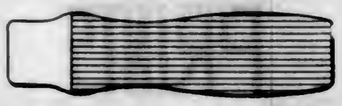
Particular description of goods.—Rubber Tires, Rubber Inner Tubes, Tire and Tube Patches, and Tire and Tube Repair Kits.
Claims use since January, 1924.

Ser. No. 243,147. (CLASS 5. ADHESIVES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Jan. 21, 1927.

Time to Re-tire?

Particular description of goods.—Rubber Cement.
Claims use since 1914.

Ser. No. 243,151. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAMBLIN & RUSSELL MANUFACTURING COMPANY, INC., Worcester, Mass. Filed Jan. 21, 1927.



The mark consists in painting or enameling the handles in the manner shown with a white band around the handle in the location and approximately of the width of a ferrule end. No claim is made to the representation of a handle shown, apart from the mark shown and described, or to the lining, which is for shading only.
Particular description of goods.—Kitchen Strainers and Fry Baskets.
Claims use since Sept. 17, 1926.

Ser. No. 243,198. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JACOB COHN, doing business as Hay-Kold Chemical Company, Cincinnati, Ohio. Filed Jan. 22, 1927.

Hay-Kold

Particular description of goods.—Medicinal Preparation for the Treatment of Hay Fever and Colds.
Claims use since Aug. 2, 1926.

Ser. No. 243,199. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HENRY JACOB CRULL, doing business as Bee Sweet Products Company, Huntington, Ind. Filed Jan. 22, 1927.



Exclusive right to the word "Sweet" is disclaimed apart from the mark shown.
Particular description of goods.—Candy.
Claims use since Feb. 1, 1926.

Ser. No. 243,202. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE DUBOREL CORPORATION, Jersey City, N. J. Filed Jan. 22, 1927.

Dubor-el

Particular description of goods.—Tooth Paste, Mouth Wash, Tooth Powder, and Dental Massage Paste.
Claims use since Mar. 1, 1926.

Ser. No. 243,217. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE KANSAS MILLING COMPANY, Wichita, Kans. Filed Jan. 22, 1927.



Particular description of goods.—Wheat Flour.
Claims use since Jan. 1, 1911.

Ser. No. 243,224. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LOFT, INC., New York, N. Y. Filed Jan. 22, 1927.

CHERISH

Particular description of goods.—Candies.
Claims use since Jan. 7, 1927.

Ser. No. 243,236. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) IRVING SILVERMAN, doing business as Palami Products Co., Brooklyn, N. Y. Filed Jan. 22, 1927.

Palämi

Particular description of goods.—Cleansing and Scouring Preparation in Jelly, Fluid, Paste, and Powder Form.
Claims use since October, 1926.

Ser. No. 243,263. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK FURIA, Joliet, Ill. Filed Jan. 24, 1927.

Furia

The mark is a facsimile of the signature of the applicant as appearing in the drawing.
Particular description of goods.—Liniment for the Treatment of Rheumatism.
Claims use since Jan. 18, 1927.

Ser. No. 243,277. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KATHERINE O'CONNELL, Denver, Colo. Filed Jan. 24, 1927.



Applicant disclaims exclusive right to the use of the words "Best in the West" apart from the particular relationship shown.
Particular description of goods.—Candies and Salted Nuts.
Claims use since September, 1926.

Ser. No. 243,289. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ISADORE SILVERMAN, doing business as Pro-Tex-All Sanitary Products Co., Evansville, Ind. Filed Jan. 24, 1927.

ROACH-NOK-ER

Particular description of goods.—Roach Insecticide or Powder.
Claims use since Apr. 1, 1926.

Ser. No. 243,290. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROSS L. SKILES, McClure, Ill. Filed Jan. 24, 1927.

PILE-O-INT

PILE-O-INT

Particular description of goods.—Healing Salve.
Claims use since Nov. 14, 1926.

Ser. No. 243,304. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BLODGETT, WARREN CO., Boston, Mass. Filed Jan. 25, 1927.

BELL IN HAND

Particular description of goods.—Toweling.
Claims use since January, 1926.

Ser. No. 243,308. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EX LAX MANUFACTURING CO., New York and Brooklyn, N. Y. Filed Jan. 25, 1927.

Chuform

Particular description of goods.—Pharmaceutical Preparation—Namely, a Laxative.
Claims use since November, 1926.

Ser. No. 243,322. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE PAPER NOVELTY COMPANY, Green Bay, Wis. Filed Jan. 25, 1927.

De Luxe

Particular description of goods.—Sanitary Napkins.
Claims use since Sept. 1, 1926.

Ser. No. 243,363. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HORROCKSES, CREWDSON & CO., LIMITED, Preston and Manchester, England. Filed Jan. 26, 1927. Under section 5b of the act of 1905 as amended in 1920.

HORROCKSES

Particular description of goods.—Sheets and Pillowcases.
Claims use since Mar. 2, 1899.

Ser. No. 243,365. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) IRVING AIRCHUTE COMPANY, INC., Buffalo, N. Y. Filed Jan. 26, 1927.

AIR CHUTES

Particular description of goods.—Parachutes, Parachute Packs, and Parachute Harness.
Claims use since October, 1918.

Ser. No. 243,366. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) IRVING AIRCHUTE COMPANY, INC., Buffalo, N. Y. Filed Jan. 26, 1927.

IRVIN

No claim is made to the use of the representation of a parachute apart from the mark shown in the drawing.
Particular description of goods.—Parachutes, Parachute Packs, and Parachute Harness.
Claims use since March, 1926.

Ser. No. 243,367. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) IRVING AIRCHUTE COMPANY, INC., Buffalo, N. Y. Filed Jan. 26, 1927.

AIR CHUTES IRVIN

No claim is made to the use of the representation of a parachute apart from the mark shown in the drawing.
Particular description of goods.—Parachutes, Parachute Packs, and Parachute Harness.
Claims use since March, 1926.

Ser. No. 243,411. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEO B. BARLETT, Dormont, Pa. Filed Jan. 27, 1927.

BANBAR

Particular description of goods.—Preparation for the Treatment of Diabetes.
Claims use since Jan. 18, 1927.

Ser. No. 243,422. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) THE CURTISS CANDY COMPANY, Chicago, Ill. Filed Jan. 27, 1927.

BABY RUTH

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverages and Compounds for Making the Same.
Claims use since July 1, 1926.

Ser. No. 243,425. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CURTISS CANDY COMPANY, Chicago, Ill. Filed Jan. 27, 1927.

BABY RUTH

Particular description of goods.—Chewing Gum.
Claims use since about 1923.

Ser. No. 243,462. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) FANNY H. STOCKING, Washington, D. C. Filed Jan. 27, 1927.

THE GET-THERE

No claim is made to the words "E. B. Stocking Model" apart from the mark shown.
Particular description of goods.—Invalids' Tricycles or Wheel Chairs.
Claims use since Jan. 16, 1927.

Ser. No. 243,470. (CLASS 11. INKS, AND INKING MATERIALS.) AMERICAN LEAD PENCIL COMPANY, New York, N. Y. Filed Jan. 28, 1927.

HYPO

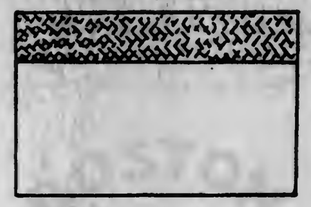
Particular description of goods.—Carbon Paper.
Claims use since Nov. 15, 1925.

Ser. No. 243,471. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) ANSCO PHOTOPRODUCTS, INC., Binghamton, N. Y. Filed Jan. 28, 1927.

MEMO

Particular description of goods.—Photographic Goods, Particularly Cameras and Films.
Claims use since Dec. 1, 1926.

Ser. No. 243,473. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CHARLES F. BAKER & CO. INC., Boston, Mass. Filed Jan. 28, 1927.



The drawing is lined for yellowish orange.
Particular description of goods.—Shoe Nails.
Claims use since Oct. 15, 1926.

Ser. No. 243,483. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EPICOL PRODUCTS COMPANY, Minneapolis, Minn. Filed Jan. 28, 1927.

EPICOL

Particular description of goods.—Mouth Wash.
Claims use since Sept. 30, 1919.

Ser. No. 243,489. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) D. H. GRANT & CO., New York, N. Y. Filed Jan. 28, 1927.

BARDEN LANE

Particular description of goods.—Cotton Goods in the Piece.
Claims use since about July, 1925.

Ser. No. 243,501. (CLASS 2. RECEPTACLES.) EDWIN J. SCHOETTLE COMPANY, Philadelphia, Pa. Filed Jan. 28, 1927.

"Aristokrat"

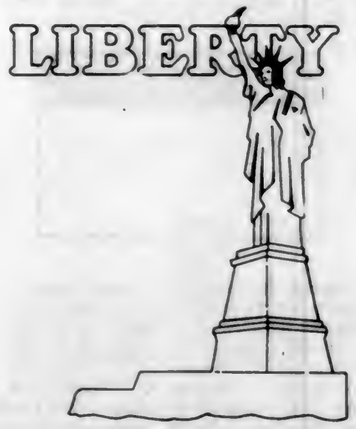
Particular description of goods.—Cardboard Boxes.
Claims use since Jan. 18, 1927.

Ser. No. 243,624. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE RAT BISCUIT COMPANY, doing business as K-R-O Company, Springfield, Ohio. Filed Jan. 31, 1927.

K-R-O

Particular description of goods.—Exterminator for Rats.
Claims use since Oct. 2, 1926.

Ser. No. 243,637. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) AMES SHOVEL AND TOOL COMPANY, Boston, Mass. Filed Feb. 1, 1927.



Particular description of goods.—Shovels, Spades, and Scoops.
Claims use since Jan. 10, 1927.

Ser. No. 243,647. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ERDLE AND PRANGE, New York, N. Y. Filed Feb. 1, 1927.

AUSTENAL

Particular description of goods.—Dentures and Denture Parts, Particularly Those Made of Stainless Steel.
Claims use since Dec. 18, 1926.

Ser. No. 243,660. (CLASS 5. ADHESIVES.) NOKRODE COMPANY, Galveston, Tex. Filed Feb. 1, 1927.

NOKRODE

Particular description of goods.—Adhesive Coating for Metal.
Claims use since Jan. 25, 1927.

Ser. No. 243,665. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE C. O. PORTER MACHINERY COMPANY, Grand Rapids, Mich. Filed Feb. 1, 1927.



Particular description of goods.—Power Feed Facing Planers, Hand Jointers, Shapers, Single-Surface Planers, Cut-Off Saws, Routers, Hand Turning Lathes, and Portable Band Saws.
Claims use since June 1, 1922.

Ser. No. 243,669. (CLASS 32. FURNITURE AND UPHOLSTERY.) STANDARD MATTRESS AND FURNITURE, INC., San Diego, Calif. Filed Feb. 1, 1927.

"MAGIC"

Particular description of goods.—Mattresses.
Claims use since Dec. 2, 1926.

Ser. No. 243,688. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE CAPEWELL HORSE NAIL COMPANY, Hartford, Conn. Filed Feb. 2, 1927.



Particular description of goods.—Horse Nails.
Claims use since Jan. 26, 1927.

Ser. No. 243,760. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) JOHN G. HOMAN, doing business as The New Science Institute, Steubenville, Ohio. Filed Feb. 3, 1927.

Magic Dots

Particular description of goods.—Appliances for Retaining Supporting Pads and Trusses in Position.
Claims use since July 10, 1924.

Ser. No. 243,764. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) KOTEX COMPANY, Chicago, Ill. Filed Feb. 3, 1927.



The picture is a portrait of Miss Ethel MacFarland, whose consent to the use of the same has been obtained.
Particular description of goods.—Sanitary Napkins.
Claims use since June 1, 1924.

Ser. No. 243,836. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE WILLYS-OVERLAND COMPANY, Toledo, Ohio. Filed Feb. 4, 1927.

OVERLAND
Whippet

Particular description of goods.—Passenger-Carrying Automobiles.
Claims use since on or about Jan. 7, 1927.

Ser. No. 243,863. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LOMA RICA RANCH, Grass Valley, Calif. Filed Feb. 5, 1927.

L-R

Particular description of goods.—Fresh Pears, Fresh Apples, Fresh Plums, Fresh Cherries, and Fresh Potatoes.
Claims use since Aug. 10, 1926.

Ser. No. 243,864. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) LOUIS SACKS INC., doing business as Louis Sacks Iron Foundry, Newark, N. J. Filed Feb. 5, 1927. Under 10-year proviso.

BOSTON

"Boston."
Particular description of goods.—Metal Heel Plates for Boots and Shoes.
Claims use since Aug. 15, 1891.

Ser. No. 243,901. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) WEILL & CALLMAN, New York, N. Y. Filed Feb. 5, 1927.

VIXENETTE

Particular description of goods.—Silk Piece Goods.
Claims use since Jan. 15, 1927.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

MARCH 15, 1927.

225,121. FUEL-OIL BURNERS. S. T. JOHNSON CO., Oakland, Calif.
Filed November 18, 1926. Serial No. 240,261. PUBLISHED DECEMBER 28, 1926.

225,122. PERIODICAL PUBLICATION. WESTERN WHOLESALE DRUG CO., Los Angeles, Calif.
Filed November 17, 1926. Serial No. 240,236. PUBLISHED DECEMBER 28, 1926.

225,123. SALT. WESTERN SALT CO., San Diego, Calif.
Filed November 17, 1926. Serial No. 240,234. PUBLISHED JANUARY 4, 1927.

225,124. TOOLS—NAMELY, AXES, HATCHETS, AND HAMMERS. TREMAN, KING & CO., Ithaca, N. Y.
Filed November 17, 1926. Serial No. 240,225. PUBLISHED DECEMBER 28, 1926.

225,125. PHARMACEUTICAL PREPARATIONS—VIZ, PERFUMES, TOILET POWDERS, ROUGE, AND LIP ROUGE. SUPERIOR PRODUCTS CORPORATION, Elizabeth, N. J., and New York, N. Y.
Filed November 17, 1926. Serial No. 240,224. PUBLISHED JANUARY 4, 1927.

225,126. MONTHLY MEDICAL JOURNAL. W. F. PRIOR COMPANY, INC., Hagerstown, Md.
Filed November 17, 1926. Serial No. 240,215. PUBLISHED DECEMBER 28, 1926.

225,127. CERTAIN NAMED PIECE GOODS. JACOB MILLER'S SONS CO., Philadelphia, Pa.
Filed November 17, 1926. Serial No. 240,201. PUBLISHED DECEMBER 28, 1926.

225,128. SERIES OF NEWSPAPER ARTICLES. MERIT NEWSPAPER SERVICE CORPORATION, New York, N. Y.
Filed November 17, 1926. Serial No. 240,199. PUBLISHED DECEMBER 28, 1926.

225,129. MEDICINAL PREPARATIONS USED IN THE TREATMENT OF LUNG COMPLAINTS, RUN-DOWN NERVES, ASTHMA, FEMALE TROUBLE, AND RHEUMATISM. J. M. E. M. C. W. DRUG CO., Deleon Springs, Fla.
Filed November 17, 1926. Serial No. 240,189. PUBLISHED JANUARY 4, 1927.

225,130. COMPOUND FOR SUSTAINED ORAL (MOUTH) MEDICATION. ALFRED D. GOLDSTEIN, doing business as The Stomatape Products Co., New York, N. Y.
Filed November 17, 1926. Serial No. 240,187. PUBLISHED JANUARY 4, 1927.

225,131. PEANUT BUTTER. VEGETARIAN FOOD AND NUT CO. INC., Washington, D. C.
Filed November 16, 1926. Serial No. 240,154. PUBLISHED DECEMBER 28, 1926.

225,132. DISINFECTANTS, DEODORANTS, AND INSECTICIDES. WYLIE R. POWELL, doing business as Fenole Chemical Company, Jacksonville, Fla.
Filed November 16, 1926. Serial No. 240,152. PUBLISHED JANUARY 4, 1927.

225,133. SALAD DRESSING. CHARLES F. MATTLAGE & SONS, INC., New York, N. Y.
Filed November 16, 1926. Serial No. 240,145. PUBLISHED DECEMBER 28, 1926.

225,134. SALAD DRESSING. CHARLES F. MATTLAGE & SONS, INC., New York, N. Y.
Filed November 16, 1926. Serial No. 240,144. PUBLISHED DECEMBER 28, 1926.

225,135. LUBRICATING OIL. THE TEXAS COMPANY, Houston, Tex., and New York, N. Y.
Filed November 15, 1926. Serial No. 240,104. PUBLISHED DECEMBER 28, 1926.

225,136. PETROLEUM PRODUCTS—VIZ, TRANSFORMER OIL. THE TEXAS COMPANY, Houston, Tex., and New York, N. Y.
Filed November 15, 1926. Serial No. 240,103. PUBLISHED DECEMBER 28, 1926.

225,137. PUBLICATIONS OR SCIENTIFIC NEWS BULLETINS PUBLISHED OR ISSUED PERIODICALLY. SCIENCE SERVICE, INC., Washington, D. C.
Filed November 15, 1926. Serial No. 240,090. PUBLISHED DECEMBER 28, 1926.

225,138. MONTHLY DEALER HOUSE ORGAN. RETAIL LUMBERMAN PUBLISHING CO., Kansas City, Mo.
Filed November 15, 1926. Serial No. 240,093. PUBLISHED DECEMBER 28, 1926.

225,139. MAGAZINE ISSUED QUARTERLY. CHRISTMAS CLUB, a Corporation, New York, N. Y.
Filed November 15, 1926. Serial No. 240,066. PUBLISHED DECEMBER 28, 1926.

225,140. GOLF BALLS AND GOLF CLUBS. THE BURKE GOLF COMPANY, Newark, Ohio.
Filed November 15, 1926. Serial No. 240,061. PUBLISHED JANUARY 4, 1927.

225,141. LUBRICATING OILS AND GREASES. HAROLD S. BANCROFT CO. INC., Orange, N. J.
Filed November 15, 1926. Serial No. 240,056. PUBLISHED DECEMBER 28, 1926.

225,142. OILY MEDICATION FOR THE TREATMENT OF THE VARIOUS NASAL, PHARYNGEAL, AND LARYNGEAL AFFECTIONS. MUNSCH & CO., New York, N. Y.
Filed November 13, 1926. Serial No. 240,038. PUBLISHED DECEMBER 28, 1926.

225,143. HAIR-TREATING SUBSTANCES—NAMELY, HAIRDRESSING LOTIONS. THE S. LEMUR COMPANY, Cleveland, Ohio.
Filed November 13, 1926. Serial No. 240,036. PUBLISHED DECEMBER 28, 1926.

225,144. A MEDICINAL PREPARATION USED IN THE TREATMENT OF TUBERCULOSIS, CHRONIC STOMACH AND BOWEL COMPLAINT, AND FOR PURIFYING THE BLOOD, PREVENTING TYPHOID AND PNEUMONIA. CARROLL R. JOHNSON, Vincennes, Ind.
Filed November 13, 1926. Serial No. 240,027. PUBLISHED DECEMBER 28, 1926.

225,145. MALT COMPOUND AND EXTRACT. THEODORE L. STRAUS, Baltimore, Md.
Filed November 12, 1926. Serial No. 240,009. PUBLISHED DECEMBER 28, 1926.

225,146. PUBLICATION ISSUED WEEKLY. AMERICAN BAKERS' PUBLISHING COMPANY, New York, N. Y.
Filed November 12, 1926. Serial No. 239,957. PUBLISHED DECEMBER 28, 1926.

225,147. MONTHLY MAGAZINE. AMERICAN FRUITS PUBLISHING CO., INC., Rochester, N. Y.
Filed November 11, 1926. Serial No. 239,913. PUBLISHED DECEMBER 28, 1926.

225,148. MONTHLY MAGAZINE. THE STATE TROOPER PUBLISHING CO., Detroit, Mich.
Filed November 10, 1926. Serial No. 239,901. PUBLISHED DECEMBER 28, 1926.

225,149. MEDICINAL COMPOUNDS FOR TREATING GALLSTONES, LIVER DISEASES, AND DIGESTIVE DISORDERS. PATRIK SILFVERBERG, Philadelphia, Pa.
Filed November 10, 1926. Serial No. 239,900. PUBLISHED DECEMBER 28, 1926.

225,150. MONTHLY MEDICAL JOURNAL. W. F. PRIOR COMPANY, INC., Hagerstown, Md.
Filed November 10, 1926. Serial No. 239,894. PUBLISHED DECEMBER 28, 1926.

225,151. WASHING SODA. THE BUCKEYE SODA COMPANY, Painesville, Ohio.
Filed November 10, 1926. Serial No. 239,878. PUBLISHED DECEMBER 28, 1926.

225,152. MEDICINAL PREPARATION FOR ANTISEPTIC AND GERMICIDAL APPLICATION. AMERICAN BESLIN CORPORATION, New York, N. Y.
Filed November 10, 1926. Serial No. 239,873. PUBLISHED DECEMBER 28, 1926.

225,153. CANNED BEEF STEW. MICHAEL KRAINE, Gowanda, N. Y.
Filed November 9, 1926. Serial No. 239,861. PUBLISHED JANUARY 4, 1927.

225,154. GAUGE GLASSES. MEADE GOODLOE, Los Angeles, Calif.
Filed November 9, 1926. Serial No. 239,851. PUBLISHED DECEMBER 28, 1926.

225,155. FUMIGANT BRIQUETTES. SAFETY FUMIGANT COMPANY, Boston, Mass.
Filed November 8, 1926. Serial No. 239,825. PUBLISHED JANUARY 4, 1927.

225,156. CANNED PINEAPPLE. KAUAI FRUIT & LAND CO. LTD., Kalaheo, Kauai, Territory of Hawaii.
Filed November 8, 1926. Serial No. 239,811. PUBLISHED JANUARY 4, 1927.

225,157. CANNED PINEAPPLE. KAUAI FRUIT & LAND CO. LTD., Kalaheo, Kauai, Territory of Hawaii.
Filed November 8, 1926. Serial No. 239,810. PUBLISHED JANUARY 4, 1927.

225,158. HAIR NETS. S. GLEMBY'S SONS CO., INC., New York, N. Y.
Filed November 8, 1926. Serial No. 239,804. PUBLISHED DECEMBER 28, 1926.

225,159. MEDICINAL PREPARATION FOR USE IN THE TREATMENT OF INDIGESTION, SOUR STOMACH, HEARTBURN, FLATULENCE, NAUSEA, AND VOMITING. CHARLES O. PICKARD, doing business as Bosodo Laboratories, Mebane, N. C.
Filed November 6, 1926. Serial No. 239,766. PUBLISHED DECEMBER 28, 1926.

225,160. A LAXATIVE. CUMBERLAND CHEMICAL COMPANY, Nashville, Tenn.
Filed November 6, 1926. Serial No. 239,744. PUBLISHED DECEMBER 28, 1926.

225,161. OVERALLS, TROUSERS, AND WORK COATS. STANDARD STORES COMPANY, St. Louis, Mo.
Filed November 1, 1926. Serial No. 239,546. PUBLISHED DECEMBER 28, 1926.

225,162. COTTON PIECE GOODS, BOTH BLEACHED AND UNBLEACHED. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed December 1, 1926. Serial No. 240,829. PUBLISHED JANUARY 4, 1927.

225,163. NONALCOHOLIC BEVERAGES SOLD AS SOFT DRINKS AND INGREDIENTS FOR MAKING THE SAME. JOHN MULHERN COMPANY, San Francisco, Calif.
Filed November 24, 1926. Serial No. 240,562. PUBLISHED JANUARY 4, 1927.

225,164. HOSIERY. BROWNHILL & KRAMER, Philadelphia, Pa.
Filed November 22, 1926. Serial No. 240,399. PUBLISHED DECEMBER 28, 1926.

225,165. HOSIERY. NICHOLSON-FEINBERG INC., New York, N. Y.
Filed November 19, 1926. Serial No. 240,316. PUBLISHED DECEMBER 28, 1926.

225,166. HOSIERY. NICHOLSON-FEINBERG INC., New York, N. Y.
Filed November 19, 1926. Serial No. 240,315. PUBLISHED DECEMBER 28, 1926.

225,167. ENAMEL BOOK PAPERS, BOND WRITING PAPERS, AND ENVELOPES. THE CENTRAL OHIO PAPER CO., Columbus, Ohio.
Filed November 17, 1926. Serial No. 240,169. PUBLISHED DECEMBER 28, 1926.

225,168. ENAMELED BOOK PAPER AND BOND WRITING PAPERS. THE CENTRAL OHIO PAPER CO., Columbus, Ohio.
Filed Nov. 17, 1926. Serial No. 240,168. PUBLISHED DECEMBER 28, 1926.

225,169. APRONS. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed November 17, 1926. Serial No. 240,165. PUBLISHED DECEMBER 28, 1926.

225,170. CHILDREN'S UNDERGARMENTS OF KNITTED, NETTED, AND TEXTILE FABRICS. AILIN O'HEA CROSBY, Yonkers, N. Y.
Filed November 16, 1926. Serial No. 240,133. PUBLISHED DECEMBER 28, 1926.

225,171. LOOSE-LEAF STRUCTURES, AS RING BOOKS, POST BINDERS, AND LEDGERS. NATIONAL BLANK BOOK CO., Holyoke, Mass.
Filed November 12, 1926. Serial No. 239,997. PUBLISHED DECEMBER 28, 1926.

225,172. LADIES' DRESSES. MARY LEE INC., New York, N. Y.
Filed November 12, 1926. Serial No. 239,993. PUBLISHED DECEMBER 28, 1926.

225,173. RUBBER HEELS. UNITED SHOE MACHINERY CORPORATION, Paterson, N. J., and Boston, Mass.
Filed November 11, 1926. Serial No. 239,952. PUBLISHED DECEMBER 28, 1926.

225,174. ADULT AND JUVENILE UNDERGARMENTS; BLOOMERS, STEP-INS, VESTS, PYJAMAS, AND GOWNS. LA MODE GARMENT COMPANY, Chicago, Ill.
Filed November 11, 1926. Serial No. 239,939. PUBLISHED DECEMBER 28, 1926.

225,175. HOSIERY. HARVEY CONOVER, Chicago, Ill.
Filed November 11, 1926. Serial No. 239,921. PUBLISHED DECEMBER 28, 1926.

225,176. MEN'S OUTER WEARING APPAREL—NAMELY, COATS, VESTS, TROUSERS, SUITS, OVERCOATS, AND TOPCOATS. KORRekt KLOTHES, INC., St. Louis, Mo.
Filed November 10, 1926. Serial No. 239,887. PUBLISHED DECEMBER 28, 1926.

225,177. LEAD PENCILS. SCHWAN-BLEISTIFT-FABRIK A.-G., Nuremberg, Germany.
Filed November 5, 1926. Serial No. 239,723. PUBLISHED DECEMBER 28, 1926.

225,178. COATS, RIDING BREECHES, AND KNICKERBOCKERS FOR MEN AND WOMEN; DRESS AND NEGLIGEE SHIRTS, LONG TROUSERS, VESTS, AND SUITS FOR MEN AND WOMEN. REAL SPORT CLOTHING COMPANY, Philadelphia, Pa.
Filed November 2, 1926. Serial No. 239,592. PUBLISHED DECEMBER 28, 1926.

225,179. CANDY. ALBERTA CANDY CO. INC., San Francisco, Calif.
Filed September 7, 1926. Serial No. 236,901. PUBLISHED JANUARY 4, 1927.

225,180. DRY SWEETMEATS, CHOCOLATE, COCOA, CANDY, AND SUGAR PLUMS. ALF BERGENE, doing business as A. Bergene, Oslo, Norway.
Filed September 4, 1926. Serial No. 236,864. PUBLISHED DECEMBER 28, 1926.

225,181. SHEET GLASS, OPTICAL GLASS IN BULK, AND PRESSED GLASSWARE. L. J. HOUZE CONVEX GLASS COMPANY, Point Marion, Pa.
Filed September 1, 1926. Serial No. 236,751. PUBLISHED DECEMBER 28, 1926.

225,182. BARLEY-MALT EXTRACT FOR FOOD PURPOSES. HELLER & PERRIN, Pittsburgh, Pa.
Filed August 31, 1926. Serial No. 236,693. PUBLISHED NOVEMBER 23, 1926.

225,183. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed August 31, 1926. Serial No. 236,681. PUBLISHED DECEMBER 28, 1926.

225,184. PAINTERS' BRUSHES. PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa.
Filed August 26, 1926. Serial No. 236,499. PUBLISHED JANUARY 4, 1927.

225,185. BOXES FOR CANDY. THE FACE CORPORATION, Philadelphia, Pa.
Filed August 24, 1926. Serial No. 236,367. PUBLISHED DECEMBER 28, 1926.

225,186. BAKING POWDER, BLUING, GLOSS STARCH, AND SALT FOR FOOD PURPOSES. KANSAS CITY WHOLESALE GROCERY CO., Kansas City, Mo.
Filed August 21, 1926. Serial No. 236,272. PUBLISHED JANUARY 4, 1927.

225,187. PERIODICAL RELATING TO THE BUSINESS OF RAILROADS AND CONTAINING INFORMATION WITH RESPECT THERETO. THE RAILWAY EQUIPMENT AND PUBLICATION COMPANY, New York, N. Y.
Filed August 20, 1926. Serial No. 236,228. PUBLISHED JANUARY 4, 1927.

225,188. LIQUID FACE POWDER (TOILET LOTION). JOSEPH SUDBEAZ, Mount Vernon, N. Y.
Filed August 19, 1926. Serial No. 236,183. PUBLISHED DECEMBER 28, 1926.

225,189. A STANDARIZED HORMONE FROM OVARIES, BEING SOLUBLE IN WATER. N. V. ORGANON TOT BEREIDING VAN ORGAAN-PREPARATEN OP WETENSCHAPPELIJKEN GRONDSLAG, Oss, Netherlands.
Filed August 19, 1926. Serial No. 236,173. PUBLISHED JANUARY 4, 1927.

225,190. TOOTH PASTE, TOOTH POWDER, (TOOTH) STAIN REMOVER, AND GUM TONICS. JOSEPH A. GARDNER, doing business as Sa-So Chemical Company, Memphis, Tenn.
Filed August 19, 1926. Serial No. 236,164. PUBLISHED DECEMBER 28, 1926.

225,191. PREPARATION FOR COUGHS OR COLDS, IN THE FORM OF SIRUPS AND CAPSULES. JOSEPH W. EISENBERG, doing business as Noxall Pharmacal Co., New York, N. Y.
Filed August 17, 1926. Serial No. 236,083. PUBLISHED DECEMBER 28, 1926.

225,192. STRAINERS, FRY BASKETS, SOAP SAVERS, AND DUSTPANS, SOAP DISHES, DISH DRAINERS, BROILERS, HAT AND COAT HOOKS, SHAKE SIFTERS, METAL TOWEL RACKS, TUMBLER HOLDERS. THE WASHBURN COMPANY, Worcester, Mass.
Filed August 14, 1926. Serial No. 235,989. PUBLISHED JANUARY 4, 1927.

225,193. PEWTER WARE. G. H. LYNEN & CO., INC., New York, N. Y.
Filed August 14, 1926. Serial No. 235,966. PUBLISHED JANUARY 4, 1927.

225,194. EMBROIDERIES, COTTON, SILK, LACES, AND RAYON, ALL IN THE PIECE; AND CURTAINS, PORTIÈRES, AND DRAPERIES MADE THEREFROM. ROBERT ALDER COMPANY, INC., New York, N. Y.
Filed August 13, 1926. Serial No. 235,907. PUBLISHED DECEMBER 28, 1926.

225,195. CANDY SUCKERS. THE STRASER CANDY COMPANY, Denver, Colo.
Filed August 9, 1926. Serial No. 235,760. PUBLISHED JANUARY 4, 1927.

225,196. COUGH MEDICINE. ISADORE H. BOCK, Long Island City, N. Y.
Filed August 7, 1926. Serial No. 235,681. PUBLISHED DECEMBER 28, 1926.

225,197. DAIRY PRODUCTS SUCH AS COW'S MILK, BUTTERMILK, CREAM, EGG MILK, CHOCOLATE MILK, AND MILK COMPOUNDS IN BOTTLES, AND CANS AND SIMILAR CONTAINERS, BUTTER, BUTTER COMPOUNDS, ALL CHEESES, COTTAGE CHEESE, ICE CREAM, AND EGGS. DETWEILER & RAAB, doing business as Hamilton Dairy, Washington, D. C.
Filed August 31, 1926. Serial No. 236,675. PUBLISHED NOVEMBER 9, 1926.

225,198. PERFUMES, TOILET WATER, TOILET POWDERS, FACE AND TALCUM, COSMETIC CREAMS, BATH SALTS, SACHETS, HAIR TONIC, MENTHOLENE BALM, DEPILATORY, SHAMPOO, SCALP SALVE, FACE AND LIP ROUGES, LIQUID AND PASTE FORM. RAQUEL INCORPORATED, New York, N. Y.
Filed August 5, 1926. Serial No. 235,615. PUBLISHED JANUARY 4, 1927.

225,199. OVERALLS, TROUSERS, AND WORK COATS. STANDARD STORES COMPANY, St. Louis, Mo.
Filed November 1, 1926. Serial No. 239,545. PUBLISHED DECEMBER 28, 1926.

225,200. TOILET TISSUE. JORDAN MARSH COMPANY, Boston, Mass.
Filed November 1, 1926. Serial No. 239,523. PUBLISHED DECEMBER 28, 1926.

225,201. PORTABLE WARDROBES FOR USE IN HOMES, APARTMENTS, HOTELS, OFFICES, AND THE LIKE. PORTABLE WARDROBE CO., Manson, Iowa.
Filed October 29, 1926. Serial No. 239,426. PUBLISHED DECEMBER 28, 1926.

225,202. DRESSES. MAX LEVINE & CO., New York, N. Y.
Filed October 29, 1926. Serial No. 239,418. PUBLISHED DECEMBER 28, 1926.

225,203. MEN'S, YOUTHS', AND BOYS' SUITS, OVERCOATS, COATS, VESTS, TROUSERS, AND RAINCOATS. S. TEPPER & SONS, New York, N. Y.
Filed October 27, 1926. Serial No. 239,333. PUBLISHED DECEMBER 28, 1926.

225,204. LADIES' HATS. INTERNATIONAL MILLINERY CO., INC., New York, N. Y.
Filed October 27, 1926. Serial No. 239,307. PUBLISHED DECEMBER 28, 1926.

225,205. MEN'S AND BOYS' WOVEN AND KNITTED UNDERWEAR. CARSON PIRIE SCOTT & CO., Chicago, Ill.
Filed October 26, 1926. Serial No. 239,232. PUBLISHED DECEMBER 28, 1926.

225,206. MILK, CREAM, BUTTERMILK, AND CONDENSED MILK. SOUTHERN CREAM AND MILK COMPANY, INC., Atlanta, Ga.
Filed October 25, 1926. Serial No. 239,208. PUBLISHED DECEMBER 28, 1926.

225,207. SHOES MADE FROM LEATHER, FABRIC, OR COMBINATIONS THEREOF, AND HOSIERY FOR MEN, WOMEN, AND CHILDREN. THE PEOPLE'S SHOE STORES COMPANY, INC., St. Louis, Mo.
Filed October 25, 1926. Serial No. 239,196. PUBLISHED DECEMBER 28, 1926.

225,208. BOYS', YOUTHS', AND MEN'S OVERALLS AND PANTS; CHILDREN'S PLAY SUITS FOR ALL AGES, BOYS' AND JUVENILE SUITS; BOYS' DRESS, NEGLIGEE, AND WORK SHIRTS AND BLOUSES; BOYS' AND GIRLS' NIGHTGOWNS AND PYJAMAS, AND MEN'S, BOYS', AND CHILDREN'S KNICKERS. RELIABLE GARMENT MFG. CO., INC., Chicago, Ill.
Filed October 21, 1926. Serial No. 238,995. PUBLISHED DECEMBER 28, 1926.

225,209. BUTTER, EGGS, CHEESE, AND HORSERADISH. JUNE DAIRY PRODUCTS CO., INC., Newark, N. J.
Filed October 21, 1926. Serial No. 238,978. PUBLISHED DECEMBER 28, 1926.

225,210. LEATHER GLOVES. PERRIN GLOVE COMPANY, INC., New York, N. Y.
Filed October 19, 1926. Serial No. 238,866. PUBLISHED DECEMBER 28, 1926.

225,211. MANILA TAG BOARD. RIVERSIDE FIBRE & PAPER COMPANY, Appleton, Wis.
Filed October 18, 1926. Serial No. 238,813. PUBLISHED DECEMBER 28, 1926.

225,212. CHILDREN'S NAINSOOK UNDERWEAR OF TEXTILE FABRICS. ELY & WALKER DRY GOODS COMPANY, St. Louis, Mo.
Filed October 5, 1926. Serial No. 238,170. PUBLISHED DECEMBER 28, 1926.

225,213. READY-MIXED PAINT. CAPITOL PAINT & VARNISH WORKS, INC., Brooklyn, N. Y.
Filed October 2, 1926. Serial No. 238,044. PUBLISHED DECEMBER 28, 1926.

225,214. READY-MIXED PAINT. CAPITOL PAINT & VARNISH WORKS, INC., Brooklyn, N. Y.
Filed October 2, 1926. Serial No. 238,042. PUBLISHED DECEMBER 28, 1926.

225,215. ATHLETIC UNION SUITS OF KNITTED FABRIC. LEWIS KNITTING COMPANY, Janesville, Wis.
Filed September 29, 1926. Serial No. 237,914. PUBLISHED DECEMBER 28, 1926.

225,216. KNITTING-MACHINE NEEDLES. THE TORRINGTON COMPANY, Torrington, Conn.
Filed September 27, 1926. Serial No. 237,835. PUBLISHED DECEMBER 28, 1926.

225,217. PREPARATION FOR TREATING SILK STOCKINGS TO ADD LUSTER, TO REDUCE RUNS, AND TO OTHERWISE PRESERVE AND PROLONG THE LIFE OF THE STOCKING. RUNTEX COMPANY, INC., Lincoln, Nebr.
Filed September 15, 1926. Serial No. 237,286. PUBLISHED NOVEMBER 23, 1926.

225,218. CANDY. ELINE'S INCORPORATED, Milwaukee, Wis.
Filed October 12, 1926. Serial No. 238,496. PUBLISHED JANUARY 4, 1927.

225,219. CANDY. ELINE'S INCORPORATED, Milwaukee, Wis.
Filed October 12, 1926. Serial No. 238,498. PUBLISHED JANUARY 4, 1927.

225,220. PERFUME, TOILET WATER, COMPACTS, ROUGE, FACE POWDER, TALCUM POWDER, LIP STICKS, SACHET, VEGETAL, BATH CRYSTALS, BRILLIANTINE, HAIR COLORING FOR EYELASHES AND EYEBROWS, CREAMS, SHAMPOOS, DUSTING POWDERS, AND TOILET POWDERS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed October 14, 1926. Serial No. 238,579. PUBLISHED DECEMBER 28, 1926.

225,221. SILVER-PLATING COMPOUND, BUT WHICH ALSO POLISHES AND CLEANS. FRANK JONES, doing business as Frank Jones Chemical Works, Brooklyn, N. Y.
Filed October 14, 1926. Serial No. 238,585. PUBLISHED JANUARY 4, 1927.

225,222. WELDLESS ROLLED PIPE FLANGES, NOZZLES, AND NECKS, CONDENSER FLANGES, TURBINE FLANGES; FLEXIBLE PIPE COUPLING RINGS, COLLARS, AND SIMILAR ROLLED WELDLESS RINGS AND BANDS. RAILWAY STEEL-SPRING COMPANY, New York, N. Y.
Filed October 14, 1926. Serial No. 238,613. PUBLISHED DECEMBER 28, 1926.

225,223. STEEL TIRES FOR LOCOMOTIVE, LOCOMOTIVE-TENDER, AND ALL RAILWAY-ROLLING-STOCK WHEELS; WHEELS, WHEEL CENTERS, GEAR BLANKS, GEAR RIMS, AND SIMILAR RINGS AND BANDS USED AS PARTS OF RAILWAY ROLLING STOCK. RAILWAY STEEL-SPRING COMPANY, New York, N. Y.
Filed October 14, 1926. Serial No. 238,614. PUBLISHED DECEMBER 28, 1926.

225,224. WATCHES. S. WEISSMAN COMPANY, INC., New York, N. Y.
Filed October 14, 1926. Serial No. 238,630. PUBLISHED DECEMBER 28, 1926.

225,225. VOILE, BEING COTTON PIECE GOODS. CHARLES BROWN & COMPANY, INC., New York, N. Y.
Filed October 15, 1926. Serial No. 238,635. PUBLISHED DECEMBER 28, 1926.

225,226. A MONTHLY MAGAZINE. THE MERIT PUBLISHING COMPANY, Cleveland, Ohio.
Filed October 15, 1926. Serial No. 238,662. PUBLISHED DECEMBER 28, 1926.

225,227. CLOTH WRAPPER IMPREGNATED WITH CHEMICALLY-COMPOUNDED RUST INHIBITORS FOR WRAPPING AND INCLOSING METAL PIPES AND METALLIC PRODUCTS IN GENERAL TO PROTECT AGAINST RUST. DEARBORN CHEMICAL COMPANY, Chicago, Ill.
Filed October 16, 1926. Serial No. 238,709. PUBLISHED DECEMBER 28, 1926.

225,228. MEDICINAL PREPARATION USED AS A LAXATIVE. WILLIAM R. WARNER & CO. INC., New York, N. Y.
Filed October 16, 1926. Serial No. 238,760. PUBLISHED DECEMBER 28, 1926.

225,229. CANNED SALMON. CARLISLE PACKING COMPANY, Seattle, Wash.
Filed October 18, 1926. Serial No. 238,772. PUBLISHED DECEMBER 28, 1926.

225,230. MONTHLY MAGAZINE. W. H. GANNETT, INCORPORATED, Augusta, Me.
Filed October 18, 1926. Serial No. 238,782. PUBLISHED DECEMBER 28, 1926.

225,231. MOTOR OIL. WADHAMS OIL COMPANY, Milwaukee, Wis.
Filed October 18, 1926. Serial No. 238,810. PUBLISHED DECEMBER 21, 1926.

225,232. MODIFIED OR DEHYDRATED MILK IN POWDER FORM. ABBOTTS ALDERNEY DAIRIES, INC., doing business as Milter Laboratories Inc., Philadelphia, Pa.
Filed October 19, 1926. Serial No. 238,828. PUBLISHED DECEMBER 28, 1926.

225,233. INSECTICIDE AND PREPARATION FOR USE IN THE TREATMENT OF INSECT BITES. I. HARRIS HALL, doing business as Harris Hall Laboratories, Lakeland, Fla.
Filed October 19, 1926. Serial No. 238,852. PUBLSHED JANUARY 4, 1927.

225,234. PAIN-RELIEVING BALM. FRANK T. SHEEHAN, doing business as F. T. Sheehan & Co., Ithaca, N. Y.
Filed October 20, 1926. Serial No. 238,923. PUBLISHED JANUARY 4, 1927.

225,235. COFFEE. PAUL DE LIMA CO., INC., Syracuse, N. Y.
Filed October 21, 1926. Serial No. 238,953. PUBLISHED JANUARY 4, 1927.

225,236. SALVE FOR THE TREATMENT OF SORES AND BOILS, A SPECIAL SALVE FOR TREATMENT OF IRRITATED SKIN AND WOUNDS, AND COLDS, A HAIRDRESSING, LIQUID SHAMPOO, AND CREAM FOR TREATMENT OF BURNS. GEORGE H. FURGUSON, doing business as J. S. Company, East Durham, N. C.
Filed October 21, 1926. Serial No. 238,963. PUBLISHED JANUARY 4, 1927.

225,237. PERFUMES, COLD CREAM, VANISHING CREAM, ASTRINGENT CREAM, CREAM DEPILATORY, FACE POWDERS BOTH LOOSE AND COMPACT, SHAMPOOS, HAIR TONICS, AND TOILET WATERS. IRVIN MORDELL, doing business as Jordell Manufacturing Company, Philadelphia, Pa.
Filed October 21, 1926. Serial No. 238,991. PUBLISHED DECEMBER 28, 1926.

225,238. CHOCOLATE-COVERED CANDY BARS. FEDERAL SWEETS & WAFER CO., INC., New York, N. Y.
Filed November 27, 1926. Serial No. 240,649. PUBLISHED JANUARY 4, 1927.

225,239. ARTIFICIAL FISHING BAIT. THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio.
Filed November 26, 1926. Serial No. 240,601. PUBLISHED JANUARY 4, 1927.

225,240. METAL CURTAIN RODS, DRAPERY HARDWARE, AND WINDOW-SHADE HARDWARE. KENNEY MANUFACTURING COMPANY, Cranston, R. I.
Filed November 24, 1926. Serial No. 240,553. PUBLISHED JANUARY 4, 1927.

225,241. DOLLS. GEO. BORGFELDT & CO., New York, N. Y.
Filed November 24, 1926. Serial No. 240,524. PUBLISHED JANUARY 4, 1927.

225,242. DOLLS. GEO. BORGFELDT & CO., New York, N. Y.
Filed November 24, 1926. Serial No. 240,523. PUBLISHED JANUARY 4, 1927.

225,243. CARDBOARD BOXES. EDWIN J. SCHOETTLE COMPANY, Philadelphia, Pa.
Filed November 23, 1926. Serial No. 240,505. PUBLISHED JANUARY 4, 1927.

225,244. WALNUTS IN THE SHELL PACKED IN BAGS OR BOXES OR SHELLED WALNUTS PACKED IN TIN CANS OR BOXES. CALIFORNIA WALNUT GROWERS ASSOCIATION, Los Angeles, Calif.
Filed November 23, 1926. Serial No. 240,484. PUBLISHED JANUARY 4, 1927.

225,245. CENTRIFUGAL PUMPS. M. T. DAVIDSON COMPANY, Brooklyn, N. Y.
Filed November 22, 1926. Under section 5b of the act of 1905 as amended in 1920. Serial No. 240,404. PUBLISHED DECEMBER 28, 1926.

225,246. INK AND INKING PADS. THE BATES MANUFACTURING COMPANY, Orange, N. J.
Filed November 22, 1926. Under section 5b of the act of 1905 as amended in 1920. Serial No. 240,396. PUBLISHED JANUARY 4, 1927.

225,247. SHEARS. THE VILLAGE BLACKSMITH FOLKS, Watertown, Wis.
Filed November 20, 1926. Serial No. 240,377. PUBLISHED DECEMBER 28, 1926.

225,248. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. CHENEY BROTHERS, South Manchester, Conn.
Filed November 20, 1926. Serial No. 240,342. PUBLISHED DECEMBER 28, 1926.

225,249. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. CHENEY BROTHERS, South Manchester, Conn.
Filed November 20, 1926. Serial No. 240,341. PUBLISHED DECEMBER 28, 1926.

225,250. LAWN MOWERS. WORCESTER LAWN MOWER COMPANY, Worcester, Mass.
Filed November 19, 1926. Serial No. 240,330. PUBLISHED DECEMBER 28, 1926.

225,251. LAWN MOWERS. WORCESTER LAWN MOWER COMPANY, Worcester, Mass.
Filed November 19, 1926. Serial No. 240,328. PUBLISHED DECEMBER 28, 1926.

225,252. SEMIMONTHLY MAGAZINE. WOMEN'S WEAR MAGAZINES, INC., New York, N. Y.
Filed November 18, 1926. Serial No. 240,283. PUBLISHED JANUARY 4, 1927.

225,253. SMOKELESS SHOTGUN POWDER. HERCULES POWDER COMPANY, Wilmington, Del.
Filed October 15, 1926. Serial No. 238,655. PUBLISHED JANUARY 4, 1927.

225,254. WATER AND FIRE PROOF PAINT IN PASTE AND POWDER FORM, WOOD FILLER. MAGNO PRODUCTS CORP., New York, N. Y.
Filed September 3, 1926. Serial No. 236,843. PUBLISHED DECEMBER 28, 1926.

225,255. LEATHER GLOVES. STEINBERGER BROS. CO., San Francisco, Calif.
Filed August 16, 1926. Serial No. 236,070. PUBLISHED DECEMBER 28, 1926.

225,256. PUMPS. THE DAYTON PUMP & MANUFACTURING COMPANY, Dayton, Ohio.
Filed August 12, 1926. Serial No. 235,884. PUBLISHED DECEMBER 28, 1926.

225,257. PIPES. SUPERIOR HARD RUBBER COMPANY, Butler, N. J.
Filed August 3, 1926. Serial No. 235,534. PUBLISHED JANUARY 4, 1927.

225,258. HOSIERY AND LINGERIE. RELDA SHOPS, INCORPORATED, Cleveland, Ohio.
Filed July 24, 1926. Serial No. 235,072. PUBLISHED DECEMBER 28, 1926.

225,259. TOILET PAPER. WESTERN GROCER COMPANY, Marshalltown, Iowa.
Filed July 23, 1926. Serial No. 235,009. PUBLISHED DECEMBER 28, 1926.

225,260. CIGARS, CIGARETTES, SMOKING TOBACCO, CHEWING TOBACCO, AND SNUFF. GENERALDIREKTION DER OSTERR. TABAK-REGIE, Vienna, Austria.
Filed July 20, 1926. Serial No. 234,777. PUBLISHED JANUARY 4, 1927.

225,261. TAGS CONSTRUCTED OF METAL OR FIBROUS MATERIAL FOR GARMENT SUPPORTS. HENRY HIRSCH, New York, N. Y.
Filed July 14, 1926. Serial No. 234,514. PUBLISHED DECEMBER 28, 1926.

225,262. SMOKING TOBACCO, CIGARETTES, AND CIGARS. J. WIX & SONS, LTD., London, England.
Filed July 2, 1926. Serial No. 234,067. PUBLISHED JANUARY 4, 1927.

225,263. TOOTHED OR GEAR WHEELS, SPROCKETS, PULLEYS, AND CAMS. STEWART R. BROWNE MFG. CO., INC., New York, N. Y.
Filed June 19, 1926. Serial No. 233,478. PUBLISHED DECEMBER 28, 1926.

225,264. HANDLES FOR REVOLVERS AND PISTOLS. EDWARD HARMS, doing business as Consumers Company, New York, N. Y.
Filed June 1, 1926. Serial No. 232,562. PUBLISHED JANUARY 4, 1927.

225,265. OIL OF LEMON AND OIL OF ORANGE. WANGLER-BUDD CO. INC., New York, N. Y.
Filed May 10, 1926. Serial No. 231,422. PUBLISHED DECEMBER 28, 1926.

225,266. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, ROUGE, BRILLIANTINE, COLD CREAM, CLEANSING CREAM, VANISHING CREAM, LEMON CREAM, TISSUE CREAM, NAIL POLISH, LOTION FOR THE SKIN AND HAIR. REICHMAN & FAUST, New York, N. Y.
Filed May 8, 1926. Serial No. 231,344. PUBLISHED JUNE 15, 1926.

225,267. COMBS EXCEPT COMBS MADE OF PRECIOUS METAL. DR. HEINR. TRAUN & SÖHNE, VORMALS HARBURGER GUMMI-KAMM-COMPAGNIE, Hamburg, Germany.
Filed April 13, 1926. Serial No. 230,135. PUBLISHED AUGUST 31, 1926.

225,268. COMBS EXCEPT COMBS MADE OF PRECIOUS METAL. DR. HEINR. TRAUN & SÖHNE, VORMALS HARBURGER GUMMI-KAMM-COMPAGNIE, Hamburg, Germany.
Filed April 13, 1926. Serial No. 230,134. PUBLISHED JUNE 29, 1926.

225,269. SYNTHETIC AND OTHER ARTIFICIAL RESINS SOLD IN BLOCK FORM, SHEET FORM, AND IN PARTLY-PREPARED MOLDED FORMS, USEFUL FOR PURPOSES SIMILAR TO THOSE FOR WHICH AMBER IS USED, ALSO FOR USE AS AN INSULATING MATERIAL. DR. HEINR. TRAUN & SÖHNE, VORMALS HARBURGER GUMMI-KAMM-COMPAGNIE, Hamburg, Germany.
Filed April 12, 1926. Serial No. 230,063. PUBLISHED JUNE 22, 1926.

225,270. COMBS EXCEPT COMBS MADE OF PRECIOUS METAL. DR. HEINR. TRAUN & SÖHNE, VORMALS HARBURGER GUMMI-KAMM-COMPAGNIE, Hamburg, Germany.
Filed April 12, 1926. Serial No. 230,062. PUBLISHED JUNE 29, 1926.

225,271. LIQUID DENTIFRICE FOR USE FOR REMOVAL OF TARTAR AND WHITENING OF THE TEETH. JOSEPH G. HINDY, doing business as Hindy Laboratories, New York, N. Y.
Filed March 31, 1926. Serial No. 229,442. PUBLISHED JUNE 1, 1926.

225,272. ARCH SUPPORTS AND SIMILAR FOOT CORRECTIVE APPLIANCES. THE SCHOLL MFG. CO. INC., Chicago, Ill.
Filed March 19, 1926. Serial No. 228,874. PUBLISHED APRIL 27, 1926.

225,273. COLD CREAM. PAUL PETER MÜLHENS, doing business as Eau de Cologne- & Parfümerie-Fabrik, Cologne, Germany.
Filed February 10, 1926. Serial No. 227,134. PUBLISHED OCTOBER 5, 1926.

225,274. VANISHING CREAM. PAUL PETER MÜLHENS, business as Eau de Cologne- & Parfümerie-Fabrik, Cologne, Germany.
Filed February 10, 1926. Serial No. 227,133. PUBLISHED OCTOBER 5, 1926.

225,275. PHARMACEUTICAL PREPARATIONS, PARTICULARLY LAXATIVE LOZENGES AND COLD TABLETS. RONALD CORBETT, doing business as Fresby-Corbett Co., Clarion, Pa.
Filed January 11, 1926. Serial No. 225,772. PUBLISHED MARCH 9, 1926.

225,276. TEXTILE RUGS, CARPETS, AND UPHOLSTERY FABRICS. DURATEX CORPORATION, Newark, N. J.
Filed December 16, 1925. Serial No. 224,751. PUBLISHED JANUARY 4, 1927.

225,277. COTTON CLOTH IN THE PIECE. THE SPRINGDALE FINISHING COMPANY, INC., Canton, Mass.
Filed November 16, 1925. Serial No. 223,419. PUBLISHED JANUARY 4, 1927.

225,278. WORK SHIRTS. THE BROAD GAUGE MANUFACTURING CO., Memphis, Tenn., assignor to Washington Manufacturing Co., Nashville, Tenn.
Filed November 9, 1925. Serial No. 223,018. PUBLISHED DECEMBER 28, 1926.

225,279. MEN'S AND BOYS' COLLARS, PYJAMAS, NIGHTROBES, UNDERWEAR OF TEXTILE FABRIC AND SHIRTS—NAMELY, DRESS, NEGLIGEE, AND WORK SHIRTS. CARLTON MILLS, INC., New York, N. Y.
Filed October 8, 1925. Serial No. 221,407. PUBLISHED JANUARY 5, 1926.

225,280. LEAD PENCILS. EAGLE PENCIL COMPANY, New York, N. Y.
Filed September 30, 1925. Serial No. 221,002. PUBLISHED NOVEMBER 30, 1926.

225,281. DAILY PUBLICATION CONTAINING RACING SELECTIONS, HANDICAP, ONE BEST, BEST BET, PARLAY METHOD OR SYSTEM OF PLAY. THADDEE E. LETENDRE, New York, N. Y.
Filed July 23, 1925. Serial No. 217,790. PUBLISHED MARCH 23, 1926.

225,282. WRITING PAPERS, ANNOUNCEMENT PAPERS, PASTED BRISTOLS, AND COVER PAPERS. B. D. RISING PAPER COMPANY, Housatonic, Mass.
Filed July 15, 1925. Serial No. 217,387. PUBLISHED DECEMBER 28, 1926.

225,283. REED AND WILLOW FURNITURE. UNIVERSAL WILLOW & REED WARE COMPANY, INCORPORATED, Long Island City, N. Y.
Filed June 30, 1925. Serial No. 216,702. PUBLISHED DECEMBER 28, 1926.

225,284. WATERPROOF PAPER USED IN PACKAGING AND SHIPPING. KEYSTONE ROOFING MANUFACTURING COMPANY, York, Pa.
Filed August 18, 1924. Serial No. 201,564. PUBLISHED DECEMBER 28, 1926.

225,285. KNITTED, NETTED, AND TEXTILE FABRICS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. THE AMERICAN CELLULOSE & CHEMICAL MANUFACTURING COMPANY, LTD., New York, N. Y.
Filed October 28, 1926. Serial No. 239,350. PUBLISHED DECEMBER 28, 1926.

225,286. KNITTED, NETTED, AND TEXTILE FABRICS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. THE AMERICAN CELLULOSE & CHEMICAL MANUFACTURING COMPANY, LTD., New York, N. Y.
Filed October 28, 1926. Serial No. 239,348. PUBLISHED DECEMBER 28, 1926.

225,287. DENTAL GOLDS—VIZ, BANDS, ORTHODONTIA BAND, WIRE, AND TUBING MATERIALS, LINGUAL BARS, CASTING GOLDS, CLASPS, DISKS, FILLING GOLD, FOIL, PLATE, SHELLS, SOLDER, TUBING, AND WIRE. THE WILLIAMS GOLD REFINING CO., Buffalo, N. Y.
Filed October 27, 1926. Serial No. 239,343. PUBLISHED DECEMBER 28, 1926.

225,288. DENTAL GOLDS—VIZ, BANDS, ORTHODONTIA BAND, WIRE, AND TUBING MATERIALS, LINGUAL BARS, CASTING GOLDS, CLASPS, DISKS, FILLING GOLD, FOIL, PLATE, SHELLS, SOLDER, TUBING, AND WIRE. THE WILLIAMS GOLD REFINING CO., Buffalo, N. Y.
Filed October 27, 1926. Serial No. 239,342. PUBLISHED DECEMBER 28, 1926.

225,289. SILK RIBBONS IN THE PIECE AND BY THE BOLT. WILLARD, COLBERT & GILES, New York, N. Y.
Filed October 27, 1926. Serial No. 239,341. PUBLISHED DECEMBER 28, 1926.

225,290. SILK RIBBONS IN THE PIECE AND BY THE BOLT. WILLARD, COLBERT & GILES, New York, N. Y.
Filed October 27, 1926. Serial No. 239,340. PUBLISHED DECEMBER 28, 1926.

225,291. REMEDY FOR THE TREATMENT OF ALL FORMS OF PILES. HENRY T. OWEN, doing business as The H. T. Owen Co., Chicago, Ill.
Filed October 27, 1926. Serial No. 239,313. PUBLISHED JANUARY 4, 1927.

225,292. COMPOUND FOR TREATING MOTOR FUELS TO IMPROVE THEM AND PREVENT THE FORMATION OF CARBON. DYESTUFFS & CHEMICALS, INC., doing business as The Smep Company, St. Louis, Mo.
Filed October 27, 1926. Serial No. 239,296. PUBLISHED DECEMBER 28, 1926.

225,293. INCINERATORS. KERNER INCINERATOR CO., Milwaukee, Wis.
Filed October 26, 1926. Serial No. 239,254. PUBLISHED DECEMBER 28, 1926.

225,294. MEDICATED ADHESIVE TAPE FOR USE IN THE TREATMENT OF CORNS, BUNIONS, AND CALLI. COMPI-TAPE LABORATORY, Burlington, Vt.
Filed October 26, 1926. Serial No. 239,236. PUBLISHED JANUARY 4, 1927.

225,295. SHAMPOO. MARGARET U. OSBORN, Houston, Tex.
Filed October 25, 1926. Serial No. 239,194. PUBLISHED JANUARY 4, 1927.

225,296. TOILET CREAMS, FACIAL CREAM, ALMOND CREAM, TOILET LOTIONS, TOILET POWDER, TALCUM POWDER, SHAVING LOTION, HAIR TONIC, HAIR-DRESSINGS, HAIR POMADE, HAIR OIL, BATH SALTS, BATH CRYSTALS, CAMPHOR BALM, BAY RUM, COLOGNE, LILAC VEGETAL, TOILET WATERS, AND PERFUMES. IRVING MCEWEN, Omaha, Nebr.
Filed October 25, 1926. Serial No. 239,185. PUBLISHED JANUARY 4, 1927.

225,297. PREPARED MUSTARD, HORSE-RADISH, CHOWCHOW, PREPARED MEXICAN HOT MUSTARD, PICKLES, SWEET MIXED PICKLES, PREPARED SALAD MUSTARD, PREPARED FRENCH-STYLE MUSTARD, AND PREPARED PEPPERS. MORRHOUSE MUSTARD MILLS, Los Angeles, Calif.
Filed October 23, 1926. Serial No. 239,131. PUBLISHED DECEMBER 28, 1926.

225,298. PREPARATION FOR THE TREATMENT OF THE SCALP. WALTER L. MILLS, Delmar, Md.
Filed October 23, 1926. Serial No. 239,129. PUBLISHED JANUARY 4, 1927.

225,299. OILS FOR TREATING TEXTILE FIBERS. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed October 23, 1926. Serial No. 239,113. PUBLISHED DECEMBER 28, 1926.

225,300. HYDRAULIC APPARATUS FOR DISPENSING GASOLINE AND OILS. AQUA OIL SERVICE, INC., New York, N. Y.
Filed October 23, 1926. Serial No. 239,078. PUBLISHED DECEMBER 28, 1926.

225,301. WEEKLY PUBLICATION. THE SHOE RETAILER COMPANY, Boston, Mass.
Filed October 22, 1926. Serial No. 239,064. PUBLISHED DECEMBER 28, 1926.

225,302. ANTISEPTIC POWDER. EARNEST E. RHOADS, doing business as Cosmic Laboratories, Washington Court House, Ohio.
Filed October 22, 1926. Serial No. 239,063. PUBLISHED JANUARY 4, 1927.

225,303. SHOE CLEANER. THE F. A. BLICHERT MFG. CO., Chicago, Ill.
Filed October 22, 1926. Serial No. 239,019. PUBLISHED DECEMBER 28, 1926.

225,304. GASOLINE. BEACON OIL COMPANY, Boston, Mass.
Filed October 22, 1926. Serial No. 239,013. PUBLISHED DECEMBER 28, 1926.

225,305. PERFUMES, TOILET WATER, AND TOILET POWDER. PARFUMS EDOUARDO, A CORPORATION, New York, N. Y.
Filed November 23, 1926. Serial No. 240,503. PUBLISHED JANUARY 11, 1927.

225,306. CHEWING GUM RECOMMENDED FOR USE IN THE TREATMENT OF OBESITY. SLENDS, INC., New York, N. Y.
Filed July 9, 1926. Serial No. 234,349. PUBLISHED JANUARY 4, 1927.

225,307. BLADES AND HUBS FOR AEROPLANE PROPELLERS. STANDARD STEEL PROPELLER COMPANY, Pittsburgh, Pa.
Filed July 6, 1926. Serial No. 234,234. PUBLISHED DECEMBER 28, 1926.

225,308. MEDICINAL LIQUOR FOR EXCITING THE APPETITE AND AIDING DIGESTION. UMBERTO BRIGANTI, Recco and Genoa, Italy.
Filed July 6, 1926. Serial No. 234,190. PUBLISHED DECEMBER 28, 1926.

225,309. A COMPOSITION FOR INTERNALLY STOPPING LEAKS IN RADIATORS, BOILERS, ETC., FOR ELIMINATING RUST, FOR PREVENTING CORROSION OF SUBSTANTIALLY ALL METALS, AND FOR PREVENTING FORMATION OF SCALE IN BOILERS. EDWARD R. TOLFREE, doing business as "X" Laboratories, New York, N. Y.
Filed July 1, 1926. Serial No. 234,011. PUBLISHED DECEMBER 28, 1926.

225,310. MEDICINAL PREPARATION FOR THE TREATMENT OF RHEUMATISM, NEURITIS, ARTHRITIS, SCIATICA, AND LUMBAGO. CHARLES EDWARD STONER, doing business as Stoner's Medicine Co., Columbus, Ohio.
Filed June 22, 1926. Serial No. 233,627. PUBLISHED DECEMBER 28, 1926.

225,311. LAXATIVE TABLET. ORLANDO R. VON BONNEWITZ, doing business as The Hemroidol Co., New York, N. Y.
Filed May 15, 1926. Serial No. 231,707. PUBLISHED SEPTEMBER 28, 1926.

225,312. INSECTICIDES. BINO MFG. CO., INC., New Orleans, La.
Filed May 5, 1926. Serial No. 231,137. PUBLISHED JANUARY 4, 1927.

225,313. SOAP AND SHAVING CREAMS USED PREPARATORY TO SHAVING. THE MEDIFOAM COMPANY, Cleveland, Ohio.
Filed April 26, 1926. Serial No. 230,754. PUBLISHED JANUARY 4, 1927.

225,314. BABY CHICKS. THE MILLER HATCHERIES, Lancaster, Mo.
Filed April 23, 1926. Serial No. 230,638. PUBLISHED JANUARY 4, 1927.

225,315. CANNED PEAS. WATERLOO CANNING ASSOCIATION, Waterloo, Wis.
Filed April 22, 1926. Serial No. 230,600. PUBLISHED JUNE 15, 1926.

225,316. CANNED PEAS. WATERLOO CANNING ASSOCIATION, Waterloo, Wis.
Filed April 22, 1926. Serial No. 230,599. PUBLISHED JANUARY 4, 1927.

225,317. FLOUR-MILL PRODUCTS—NAMELY, PATENT WHEAT FLOUR, ROLLED OATS, EXTRA-FINE GRANULAR (SEMOLINA) MADE FROM DURUM WHEAT; AND PACKING-HOUSE PRODUCTS OF BEEF AND PORK, PARTICULARLY SHORT FAT-BACKS OF PORK, SHORT MIDDLES OF PORK, SHORT CLEAR BACKS OF PORK, AND FAMILY BEEF AND LARD. NORTHERN MERCANTILE CO., INC., New York, N. Y.
Filed May 15, 1926. Serial No. 231,690. PUBLISHED DECEMBER 28, 1926.

225,318. HAIR DYES AND COLORINGS, LOTIONS FOR THE SKIN, LOTIONS FOR THE HAIR, DENTIFRICES, PERFUMES, ROUGES, LIP STICKS, TOILET POWDERS (BOTH LOOSE AND IN COMPACTS), AND TOILET CREAMS. L'OREAL, INC., New York, N. Y.
Filed May 26, 1926. Serial No. 232,276. PUBLISHED JANUARY 4, 1927.

225,319. SANITARY NAPKINS. R. H. MACY & CO., INC., New York, N. Y.
Filed May 27, 1926. Serial No. 232,335. PUBLISHED DECEMBER 28, 1926.

225,320. GREEN COFFEE. EPPENS, SMITH COMPANY, New York, N. Y.
Filed June 1, 1926. Serial No. 232,552. PUBLISHED JANUARY 4, 1927.

225,321. AMMONIUM CARBONATE, AMMONIUM CHLORIDE, ETC. CHEM. FABRIKEN KUNHEIM & CO. A. G., Berlin, Germany.
Filed June 8, 1926. Serial No. 232,869. PUBLISHED JANUARY 4, 1927.

225,322. COTTON SHEETINGS. COLUMBUS MANUFACTURING COMPANY, Columbus, Ga.
Filed June 12, 1926. Serial No. 233,113. PUBLISHED DECEMBER 21, 1926.

225,323. COFFEE. MATTSON COFFEE CO., Philadelphia, Pa.
Filed November 27, 1926. Serial No. 240,669. PUBLISHED JANUARY 4, 1927.

225,324. PHONOGRAPHS. THE PRIME MANUFACTURING CO., doing business as Carryola Company of America, Milwaukee, Wis.
Filed August 9, 1924. Serial No. 201,206. PUBLISHED NOVEMBER 23, 1926.

225,325. POPLIN IN THE PIECE. CARSON PIRIE SCOTT & CO., Chicago, Ill.
Filed August 26, 1924. Serial No. 201,889. PUBLISHED DECEMBER 28, 1926.

225,326. PHONOGRAPHS. FREDERICK FERRIS, London, England.
Filed October 18, 1924. Serial No. 204,092. PUBLISHED DECEMBER 28, 1926.

225,327. SENSITIZED BLUE-PRINT CLOTH, SENSITIZED SEPIA SOLAR CLOTH, SENSITIZED SEPIA SOLAR PAPERS, SENSTIZED BLUE-PRINT PAPERS, AND SENSITIZED BLUE-LINE PAPERS. MCKINNEY BLUEPRINT CORPORATION, Los Angeles, Calif.
Filed March 23, 1925. Serial No. 211,485. PUBLISHED DECEMBER 28, 1926.

225,328. WIRE ROPE. JOHN A. ROEBLING'S SONS CO., Trenton, N. J.
Filed April 8, 1925. Serial No. 212,401. PUBLISHED DECEMBER 28, 1926.

225,329. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. THE GRAND POP BOTTLING COMPANY, Cincinnati, Ohio.
Filed June 17, 1925. Serial No. 215,913. PUBLISHED DECEMBER 28, 1926.

225,330. PETROLEUM JELLY AND BICARBONATE OF SODA. ANDREW HAJDU, New York, N. Y.
Filed July 2, 1925. Serial No. 216,780. PUBLISHED JANUARY 4, 1927.

225,331. FIRE-EXTINGUISHING DEVICES AND SUPPLIES—VIZ, HAND AND PORTABLE FIRE EXTINGUISHERS, WHISTLES, SIRENS, DOOR-OPENING AND LOCK-BREAKING TOOLS. NEW ENGLAND FIRE APPLIANCE CO., Boston, Mass.
Filed August 4, 1924. Serial No. 200,957. PUBLISHED DECEMBER 28, 1926.

225,332. MALT BEVERAGE CONTAINING LESS THAN ONE-HALF OF ONE PER CENT OF ALCOHOL, BY VOLUME. LIEBMANN BREWERIES, INC., Brooklyn, N. Y.
Filed September 30, 1926. Serial No. 237,969. PUBLISHED DECEMBER 28, 1926.

225,333. AUTOMOBILE BODIES. CHRYSLER SALES CORPORATION, Detroit, Mich.
Filed September 30, 1926. Serial No. 237,950. PUBLISHED DECEMBER 28, 1926.

225,334. MALT SIRUP HOP FLAVORED FOR FOOD PURPOSES. UNIVERSAL FOOD PRODUCTS CO., doing business as Consumers Supply Co., Chicago, Ill.
Filed September 29, 1926. Serial No. 237,933. PUBLISHED DECEMBER 28, 1926.

225,335. MEDICAL PHARMACEUTICAL PREPARATIONS—NAMELY, ANTISEPTIC VEGETABLE JELLIES. PETER S. GEHRIS, Brooklyn, N. Y.
Filed October 1, 1926. Serial No. 238,016. PUBLISHED DECEMBER 28, 1926.

225,336. SOAP. VINCENT DE MESSIMY, Chicago, Ill.
Filed October 2, 1926. Serial No. 238,052. PUBLISHED DECEMBER 28, 1926.

225,337. ARCHITECTS' BUILDING PLANS AND SPECIFICATIONS. THE ARCHITECTS' SMALL HOUSE SERVICE BUREAU OF THE UNITED STATES, INC., Minneapolis, Minn.; New York, N. Y.; Indianapolis, Ind.; Denver, Colo.; Milwaukee, Wis.; Seattle, Wash.; Pittsburgh, Pa., and St. Louis, Mo.
Filed October 4, 1926. Serial No. 238,100. PUBLISHED JANUARY 4, 1927.

225,338. AN ANTISEPTIC SOLUTION, A PHARMACEUTICAL PREPARATION. ORTON A. JOHNSON, doing business as The Ortono Co., Washington, D. C.
Filed October 4, 1926. Serial No. 238,120. PUBLISHED DECEMBER 28, 1926.

225,339. STOMACH POWDERS. H. P. NIELSON, doing business as The Gasnil Co., San Francisco, Calif.
Filed October 4, 1926. Serial No. 238,130. PUBLISHED JANUARY 4, 1927.

225,340. ELECTRICALLY-OPERATED ELEVATORS, LIFTS, AND PLATFORMS; ELECTROMAGNETIC CONTROL MACHINES, ELECTRICAL SIGNAL SYSTEMS FOR ELEVATORS, ELECTRICALLY-CONTROLLED MACHINES AND MOTORS FOR OPENING OR CLOSING DOORS OR GATES, ELECTRIC AND ELECTROMECHANICAL INTERLOCKS FOR ELEVATORS, ELECTRICAL RECORDING MACHINES FOR ELEVATORS; ELECTRICAL INDICATORS FOR ELEVATORS, BELLS, BUZZERS, ANNUNCIATORS, AND TELEPHONES; ELECTRICAL LIGHTING FIXTURES. ELEVATOR SUPPLIES COMPANY, INC., Hoboken, N. J.
Filed October 6, 1926. Serial No. 238,209. PUBLISHED DECEMBER 28, 1926.

225,341. CERTAIN PIECE GOODS. LEE BEHRENS & CO., INC., New York, N. Y.
Filed September 29, 1926. Serial No. 237,913. PUBLISHED DECEMBER 28, 1926.

225,342. GOLD PRILLS OR MASSES FOR CASTING FOR DENTAL USES AND THE LIKE. VERNON BROTHERS AND COMPANY, Pittsburgh, Pa.
Filed November 5, 1925. Serial No. 222,892. PUBLISHED DECEMBER 28, 1926.

225,343. QUARTZ APPLICATORS AND HOLDERS, X-RAY PROTECTIVE APRONS, X-RAY STANDS, ETC. VICTOR X-RAY CORPORATION, Chicago, Ill.
Filed October 31, 1925. Serial No. 222,646. PUBLISHED DECEMBER 28, 1926.

225,344. MEDICINAL PREPARATION—NAMELY, A PARATHYROID EXTRACT WHICH IS USED TO RELIEVE ACUTE AND CHRONIC TETANY FOLLOWING THYROIDECTOMY, AND IS A TRUE SPECIFIC IN CASES OF TETANIA PARATHYROEPRIVA. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed November 5, 1925. Serial No. 222,852. PUBLISHED DECEMBER 28, 1926.

225,345. LIGHT-WEIGHT GROUND-JOINT MALLEABLE-IRON BRONZE SEAT UNIONS. STAR MANUFACTURING COMPANY, INC., Providence, R. I.
Filed October 26, 1925. Serial No. 222,349. PUBLISHED DECEMBER 28, 1926.

225,346. BREAD IMPROVER, AN INGREDIENT WHICH IS USED IN ASSOCIATION WITH YEAST FOR MAKING BREAD, IT SERVES IN IMPROVING THE ACTION OF THE YEAST BY MAKING A LARGER LOAF AND ONE THAT RETAINS ITS FRESHNESS FOR A PERIOD OF TIME LONGER THAN THE COMMONLY-MARKETED LOAF. WHITESIDE-PLOCK PRODUCTS COMPANY, Louisville, Ky.
Filed October 6, 1925. Serial No. 221,342. PUBLISHED DECEMBER 28, 1926.

225,347. A GRITTY HAND SOAP. TRYIT PRODUCTS COMPANY, Bellevue, Ohio.
Filed March 19, 1926. Serial No. 228,876. PUBLISHED JANUARY 4, 1927.

225,348. ELECTRIC VACUUM CLEANERS AND ATTACHMENTS THEREFOR COMPRISING SUCTION AND BLOWER NOZZLES, BRUSHES, AND HOSE. SWORDS ELECTRIC COMPANY, Rockford, Ill.
Filed September 28, 1925. Serial No. 220,927. PUBLISHED MARCH 30, 1926.

225,349. DRIED PRUNES, FIGS, RAISINS, PEACHES, PEARS, APRICOTS, APPLES; CANNED PEACHES, APRICOTS, PLUMS, GRAPES, FIGS, OLIVES, PEAS, ASPARAGUS, TOMATOES, SPINACH; FRESH GRAPES, PEACHES, PLUMS, FIGS, APRICOTS, APPLES; MINCEMEAT, CANNED FRUITS FOR PIES, RAISIN SIRUP FOR FOOD PURPOSES, JAM, JELLY, RICE, AND NUTS IN THEIR NATURAL STATE. SUNLAND SALES COOPERATIVE ASSOCIATION, Fresno, Calif.
Filed September 9, 1925. Serial No. 220,047. PUBLISHED DECEMBER 28, 1926.

225,350. CANNED FISH, SPECIFICALLY CANNED SARDINES. SEACOAST CANNING COMPANY, Eastport, Me.
Filed September 3, 1925. Serial No. 219,780. PUBLISHED JANUARY 4, 1927.

225,351. CANNED FISH, SPECIFICALLY CANNED SARDINES. SEACOAST CANNING COMPANY, Eastport, Me.
Filed September 3, 1925. Serial No. 219,774. PUBLISHED JANUARY 4, 1927.

225,352. FRESH GRAPES. PINKHAM HOLDINGS CO., Los Angeles, Calif.
Filed August 3, 1925. Serial No. 218,329. PUBLISHED JANUARY 4, 1927.

225,353. HAND TRUCKS FOR LIFTING AND TRANSPORTING COMMODITIES. AJAX TRUCKS LTD., Manchester, England.
Filed November 5, 1926. Serial No. 239,690. PUBLISHED DECEMBER 28, 1926.

225,354. CHICKENS FOR BREEDING PURPOSES AND EGGS FOR HATCHING. W. W. LEMMERMAN, doing business as Lemmerman Orpington Farms, Palmer, Nebr.
Filed November 4, 1926. Serial No. 239,662. PUBLISHED DECEMBER 21, 1926.

225,355. REMEDY FOR THE TREATMENT OF CORNS, BUNIONS, WARTS, AND CALLI. FRANCIS V. HIGH, doing business as Kornlift Manufacturing Company, Fort Payne, Ala.
Filed November 4, 1926. Serial No. 239,654. PUBLISHED DECEMBER 28, 1926.

225,356. ANTISEPTIC VAGINAL SUPPOSITORIES. HANCE BROTHERS & WHITE INC., Philadelphia, Pa.
Filed November 4, 1926. Serial No. 239,652. PUBLISHED DECEMBER 28, 1926.

225,357. REFRIGERATING MACHINERY AND REFRIGERATORS. SANAT REFRIGERATING COMPANY, New York, N. Y.
Filed November 3, 1926. Serial No. 239,628. PUBLISHED JANUARY 4, 1927.

225,358. CHEMICAL AND MEDICINAL PREPARATIONS. PRE-TEST PRODUCTS COMPANY, Sedalia, Mo.
Filed November 3, 1926. Serial No. 239,626. PUBLISHED JANUARY 4, 1927.

225,359. ALUMINUM WARE. ALUMINUM GOODS MANUFACTURING CO., Manitowoc, Wis.
Filed November 2, 1926. Serial No. 239,556. PUBLISHED JANUARY 4, 1927.

225,360. MACHINES FOR ELECTRICALLY RECORDING SOUND ON METAL AND ELECTRICALLY REPRODUCING SUCH SOUND. RECORD-O-PHONE COMPANY, Washington, D. C.
Filed December 21, 1925. Serial No. 224,987. PUBLISHED DECEMBER 28, 1926.

225,361. HANDKERCHIEFS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed December 16, 1925. Serial No. 224,753. PUBLISHED DECEMBER 28, 1926.

225,362. CANDY. THE FLOYD-PARAMOUNT, INC., Newark, N. J.
Filed December 5, 1925. Serial No. 224,282. PUBLISHED JANUARY 4, 1927.

225,363. COLD AND LA GRIPPE MEDICINE, RHEUMATIC MEDICINE, AND COUGH BALSAM. SAMUEL DAVIS, doing business as Krekol Pharmacal Company, Philadelphia, Pa.
Filed November 30, 1925. Serial No. 224,003. PUBLISHED JANUARY 4, 1927.

225,364. NONALCOHOLIC, MALT BEVERAGE. THEO. HAMM BREWING COMPANY, St. Paul, Minn.
Filed November 27, 1925. Serial No. 223,914. PUBLISHED DECEMBER 28, 1926.

225,365. TOYS MADE CHIEFLY OF TEXTILE MATERIALS—NAMELY, DOLLS, ANIMALS, AND PUPPETS. J. K. FARNELL AND COMPANY, LIMITED, Acton, London, and Acton Hill, London, England.
Filed November 17, 1925. Serial No. 223,433. PUBLISHED JANUARY 4, 1927.

225,366. BREAD. THE ZIMMERMAN BAKING COMPANY, now by change of name The Zim Bread Company, Colorado Springs, Colo.
Filed November 16, 1925. Serial No. 223,425. PUBLISHED MAY 11, 1926.

225,367. ENAMEL STEEL BASTING SPOONS. THE VOLLRATH CO., Sheboygan, Wis.
Filed November 6, 1925. Serial No. 222,969. PUBLISHED DECEMBER 28, 1926.

225,368. A COMPOUND METAL OR ALLOY IN INGOTS (NOT BEING OF IRON OR STEEL). CAPPER PASS & SON, LTD., Bristol, England.
Filed October 12, 1926. Serial No. 238,482. PUBLISHED DECEMBER 28, 1926.

225,369. CHEMICAL CLEANER FOR LAVATORY, SINK, OR OTHER DRAINS. THE SCALE SOLVENT & PRODUCTS CO., Kansas City, Mo.
Filed October 11, 1926. Serial No. 238,461. PUBLISHED JANUARY 4, 1927.

225,370. MALT BEVERAGES. JACOB SCHMIDT BREWING COMPANY, St. Paul, Minn.
Filed October 9, 1926. Serial No. 238,397. PUBLISHED DECEMBER 28, 1926.

225,371. MALT BEVERAGES. JACOB SCHMIDT BREWING COMPANY, St. Paul, Minn.
Filed October 9, 1926. Serial No. 238,396. PUBLISHED DECEMBER 28, 1926.

225,372. CANDY. SAMOSET CHOCOLATES COMPANY, Boston, Mass.
Filed October 9, 1926. Serial No. 238,392. PUBLISHED DECEMBER 28, 1926.

225,373. CANDY. SAMOSET CHOCOLATES COMPANY, Boston, Mass.
Filed October 9, 1926. Serial No. 238,391. PUBLISHED DECEMBER 28, 1926.

225,374. A MEDICINE FOR THE TREATMENT OF PARALYSIS IN HORSES AND MULES. DR. W. G. SHIVELY, D. V. S., & COMPANY, Lamartine, Pa.
Filed October 8, 1926. Serial No. 238,345. PUBLISHED DECEMBER 28, 1926.

225,375. LIQUID BLEACH FOR WASHING CLOTHES, USED WITH HOT OR COLD WATER. ALFREDO LUCATI, New York, N. Y.
Filed October 8, 1926. Serial No. 238,324. PUBLISHED JANUARY 4, 1927.

225,376. COUGH DROPS. JOSEPH WEISBERGER, doing business as Chea-Nut Research Chemists, Jersey City, N. J.
Filed October 7, 1926. Serial No. 238,295. PUBLISHED DECEMBER 28, 1926.

225,377. RADIO REPRODUCING CONES. ROBERT B. WHEELAN, doing business as Radiolamp Company, New York, N. Y.
Filed October 6, 1926. Serial No. 238,239. PUBLISHED DECEMBER 28, 1926.

225,378. BICYCLES, VELOCIPEDES, TRICYCLES, ROW CYCLES, AUTO COASTERS, AND SCOOTERS FOR CHILDREN. THE COLSON COMPANY, Elyria, Ohio.
Filed March 8, 1926. Serial No. 228,302. PUBLISHED JANUARY 4, 1927.

225,379. GINGER ALE. CREAM CITY PRODUCTS CO., Milwaukee, Wis.
Filed July 1, 1925. Serial No. 216,755. PUBLISHED JUNE 29, 1926.

225,380. SALAD DRESSING. CHARLES F. MATTLAGE & SONS, INC., New York, N. Y.
Filed November 1, 1926. Serial No. 239,535. PUBLISHED DECEMBER 21, 1926.

225,381. MALT SIRUP. JACKSON BREWING COMPANY, New Orleans, La.
Filed October 30, 1926. Serial No. 239,479. PUBLISHED DECEMBER 28, 1926.

225,382. WINDOW SHADES. WOODWEB SHADE MANUFACTURERS, INC., Washington, N. J., and New York, N. Y.
Filed October 29, 1926. Serial No. 239,451. PUBLISHED DECEMBER 28, 1926.

225,383. LIQUID COMPOUND FOR SCALE PREVENTING AND REMOVING FROM BOILERS. THE NORTH AMERICAN FIBRE PRODUCTS COMPANY, Cleveland, Ohio.
Filed October 29, 1926. Serial No. 239,422. PUBLISHED DECEMBER 28, 1926.

225,384. PHARMACEUTICAL PREPARATION—NAMELY, A SOOTHING LOTION FOR DOUCHE PURPOSES. LEO GANBARG, doing business as Arcadia Pharmacal Company, New York, N. Y.
Filed October 29, 1926. Serial No. 239,406. PUBLISHED DECEMBER 28, 1926.

225,385. GENERAL BLOOD TONIC, MEDICINES FOR COUGHS, CONSTIPATION, RHEUMATISM, NEPHRITIS, BLADDER TROUBLE, NERVE TONIC, AND HEALING PREPARATIONS FOR BURNS, WOUNDS, LACERATIONS, AND BOILS. HENRY PRIOR, doing business as Dr. H. Meyer, Henry Prior, Successor, Union City, N. J.
Filed October 28, 1926. Serial No. 239,383. PUBLISHED JANUARY 4, 1927.

225,386. A HIGH-TEST GASOLINE. PEERLESS OIL & REFINING COMPANY, Chanute, Kans.
Filed October 28, 1926. Serial No. 239,377. PUBLISHED DECEMBER 28, 1926.

225,387. PERFUMES. LIONEL TRADING CO. INC., New York, N. Y.
Filed October 28, 1926. Serial No. 239,374. PUBLISHED JANUARY 4, 1927.

225,388. CASING FLUSHERS USED IN THE FLUSHING OF CASINGS IN PREPARING THEM FOR USE IN THE MANUFACTURE OF SAUSAGE AND OTHER PRODUCTS CUSTOMARILY PACKED IN CASINGS. OSCAR G. MAYER, doing business as Packers Utility Co., Chicago, Ill.
Filed October 20, 1926. Serial No. 238,911. PUBLISHED DECEMBER 28, 1926.

225,389. PERFUME DISPENSERS AND ATOMIZERS. CONNER NOVELTY COMPANY, Ottumwa, Iowa.
Filed July 31, 1926. Serial No. 235,381. PUBLISHED DECEMBER 28, 1926.

225,390. NONALCOHOLIC, MALTLESS FLAVORING EXTRACTS FOR MAKING SOFT DRINKS. L. E. JUNG, New Orleans, La.
Filed July 29, 1926. Serial No. 235,306. PUBLISHED JANUARY 4, 1927.

225,391. SALICYLIC ACID, ETHYL CHLORIDE, CHLOROFORM, ETC. SOCIÉTÉ CHIMIQUE DES USINES DU RHÔNE, Paris, France.
Filed July 24, 1926. Serial No. 235,082. PUBLISHED JANUARY 4, 1927.

225,392. BAKING POWDER. THE WOOLSON SPICE COMPANY, Toledo, Ohio.
Filed November 1, 1926. Serial No. 239,553. PUBLISHED DECEMBER 28, 1926.

225,393. SUITCASE AND TRUNK HARDWARE, NOT INCLUDING LOCKS. THE BABBETT METAL GOODS COMPANY, INC., Shelton, Conn.
Filed September 11, 1926. Serial No. 237,108. PUBLISHED JANUARY 4, 1927.

225,394. A METAL ALLOY. ANDRÉ GEYER, Paris, France.
Filed September 13, 1926. Serial No. 237,163. PUBLISHED DECEMBER 28, 1926.

225,395. FRESH GRAPEFRUIT. EMIL STEINER, Brawley, Calif.
Filed September 13, 1926. Serial No. 237,204. PUBLISHED JANUARY 4, 1927.

225,396. OIL-TANK FITTINGS AND ACCESSORIES—NAMELY, FLAME ARRESTERS, VENT VALVES, GAUGE AND THIEF HOLE COVERS, MANHOLE COVERS, REGULATOR VALVES, CABLE-SHEAVE BRACKETS, SWING PIPES, AND STEEL TANK NOZZLES. BROOKS ENGINEERING CORPORATION, Los Angeles, Calif.
Filed September 16, 1926. Serial No. 237,310. PUBLISHED DECEMBER 28, 1926.

225,397. PILE REMEDY. THE CAPO COMPANY, Ambridge, Pa.
Filed September 18, 1926. Serial No. 237,403. PUBLISHED JANUARY 4, 1927.

225,398. HAIR RESTORER AND STRAIGHTENER. IDA DOUGLAS, Covington, Tenn.
Filed September 20, 1926. Serial No. 237,446. PUBLISHED DECEMBER 28, 1926.

225,399. CHEESES. SOCIETA ANONIMA EGIDIO GALBANI, Melzo, Italy.
Filed September 22, 1926. Serial No. 237,571. PUBLISHED NOVEMBER 16, 1926.

225,400. GOLF BAGS. ALLIED GOLF COMPANY, Chicago, Ill.
Filed September 23, 1926. Serial No. 237,582. PUBLISHED JANUARY 4, 1927.

225,401. GOLF BAGS. ALLIED GOLF COMPANY, Chicago, Ill.
Filed September 23, 1926. Serial No. 237,583. PUBLISHED JANUARY 4, 1927.

225,402. CANDIES; SALTED, SHELLED, UNSHELLED, AND GLACÉ NUTS; FRESH, CANNED, AND DRIED FRUITS; STUFFED FRUITS, GLACÉ FRUITS; POP CORN CANDIED, SALTED, OR IN ITS NATURAL STATE; POPPING CORN, POP-CORN CONFECTIONS; RAISINS WHICH ARE DRIED, CHOCOLATE COATED; FIGS, AND DATES. MINOA J. NICHOLAS, New York, N. Y.
Filed September 24, 1926. Serial No. 237,685. PUBLISHED JANUARY 4, 1927.

225,403. CANDIES; SALTED, SHELLED, UNSHELLED, AND GLACÉ NUTS; FRESH, CANNED, AND DRIED FRUITS; STUFFED FRUITS, GLACÉ FRUITS; POP CORN CANDIED, SALTED, OR IN ITS NATURAL STATE; POPPING CORN, POP-CORN CONFECTIONS; RAISINS WHICH ARE DRIED, CHOCOLATE COATED; FIGS, AND DATES. MINOA J. NICHOLAS, New York, N. Y.
Filed September 24, 1926. Serial No. 237,686. PUBLISHED JANUARY 4, 1927.

225,404. CANDIES; SALTED, SHELLED, UNSHELLED, AND GLACÉ NUTS; FRESH, CANNED, AND DRIED FRUITS; STUFFED FRUITS, GLACÉ FRUITS; POP CORN CANDIED, SALTED, OR IN ITS NATURAL STATE; POPPING CORN, POP-CORN CONFECTIONS; RAISINS WHICH ARE DRIED, CHOCOLATE COATED; FIGS, AND DATES. MINOA J. NICHOLAS, New York, N. Y.
Filed September 24, 1926. Serial No. 237,687. PUBLISHED JANUARY 4, 1927.

225,405. SHOE POLISHES, SHOE DRESSINGS, AND FINISHING PASTES FOR SHOES. SALAMANDER SCHUHGESELLSCHAFT M. B. H., Berlin, Germany.
Filed September 24, 1926. Serial No. 237,701. PUBLISHED DECEMBER 28, 1926.

225,406. FRESH APPLES. DAN WUILLE & COMPANY, INCORPORATED, New York, N. Y.
Filed September 27, 1926. Serial No. 237,790. PUBLISHED JANUARY 4, 1927.

225,407. FRESH APPLES. DAN WUILLE & COMPANY, INCORPORATED, doing business as D. W. & C. L., New York, N. Y.
Filed September 27, 1926. Serial No. 237,792. PUBLISHED JANUARY 4, 1927.

225,408. CANNED FRUITS, CANNED CRAB MEAT, CANNED SALMON, CANNED EVAPORATED MILK, CANNED BEANS, CANNED RASPBERRIES, AND DRIED PRUNES. THE WILCOX-HAYES COMPANY, Portland, Oreg.
Filed September 27, 1926. Serial No. 237,837. PUBLISHED DECEMBER 28, 1926.

225,409. CANNED FRUITS, CANNED CRAB MEAT, CANNED SALMON, CANNED EVAPORATED MILK, CANNED BEANS, CANNED RASPBERRIES, AND DRIED PRUNES. THE WILCOX-HAYES COMPANY, Portland, Oreg.
Filed September 27, 1926. Serial No. 237,841. PUBLISHED DECEMBER 28, 1926.

225,410. CELL FOR RECTIFYING ELECTRIC CURRENTS FOR USE IN RADIO B-POWER SUPPLY. JOHN CLYDE DAVIDSON, doing business as Davidson Laboratories, New York, N. Y.
Filed September 28, 1926. Serial No. 237,854. PUBLISHED DECEMBER 28, 1926.

225,411. THROAT AND NASAL CREAM. JAMES W. FLEMING, doing business as Haro-Kold Chemical Co., New Haven, Conn.
Filed September 28, 1926. Serial No. 237,856. PUBLISHED DECEMBER 28, 1926.

225,412. SINKS, PARTICULARLY FOR SINKS TO BE USED IN CONNECTION WITH DISHWASHERS. WALKER DISHWASHER CORPORATION, Syracuse, N. Y.
Filed September 28, 1926. Serial No. 237,883. PUBLISHED DECEMBER 28, 1926.

225,413. BICYCLES, VELOCIPEDES, TRICYCLES, ROW CYCLES, AUTO COASTERS, AND SCOOTERS FOR CHILDREN. THE COLSON COMPANY, Elyria, Ohio.
Filed March 8, 1926. Serial No. 228,303. PUBLISHED JANUARY 4, 1927.

225,414. CHEWING GUM. MILES A. WHITE, Glendale, Calif.
Filed March 15, 1926. Serial No. 228,677. PUBLISHED NOVEMBER 2, 1926.

225,415. CANNED FISH. PYRAMID PACKING COMPANY, Sitka, Territory of Alaska.
Filed March 17, 1926. Serial No. 228,776. PUBLISHED APRIL 27, 1926.

225,416. BALSAMS FOR BURNS, WOUNDS, CHAPPED HANDS, SUNBURN, AND INSECT STINGS. ALBERT B. YOUNG, Buffalo, N. Y., assignor to Cling-Surface Company, Buffalo, N. Y., a Corporation of New York.
Filed February 27, 1926. Serial No. 227,929. PUBLISHED JANUARY 4, 1927.

225,417. SHOE POLISH AND DRESSINGS. LOUIS C. MARKATOS, doing business as Union Mfg. Co., New York, N. Y.
Filed February 18, 1926. Serial No. 227,460. PUBLISHED NOVEMBER 2, 1926.

225,418. OLIVE OIL. SALVATORE MONTAPERTO, Brooklyn, N. Y.
Filed February 13, 1926. Serial No. 227,276. PUBLISHED DECEMBER 28, 1926.

225,419. SPECTACLES. RIGGS OPTICAL COMPANY-CONSOLIDATED, Omaha, Nebr.
Filed February 11, 1926. Serial No. 227,190. PUBLISHED DECEMBER 28, 1926.

225,420. BRUSHES FOR PAINTING, VARNISHING, OR APPLYING VARIOUS LIQUIDS AND FOR CLEANING, POLISHING, AND SWEEPING. JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass.
Filed January 25, 1926. Serial No. 226,407. PUBLISHED JANUARY 4, 1927.

225,421. MAGAZINE ISSUED TWICE A MONTH. DOUBLEDAY PAGE & CO., Garden City, N. Y.
Filed January 20, 1926. Serial No. 226,132. PUBLISHED DECEMBER 28, 1926.

225,422. ELECTRIC-ARC LAMPS. ATLAS ELECTRIC DEVICES CO., Chicago, Ill.
Filed January 19, 1926. Serial No. 226,089. PUBLISHED DECEMBER 28, 1926.

225,423. PAPER, FIBER, AND COTTON BAGS FOR PACKING, SHIPPING, AND STORING MERCHANDISE. JOHN M. DRIVER COMPANY, Philadelphia, Pa.
Filed January 14, 1926. Serial No. 225,914. PUBLISHED JANUARY 4, 1927.

225,424. CANDY. PALMER CANDY CO., Sioux City, Iowa.
Filed January 12, 1926. Serial No. 225,843. PUBLISHED JANUARY 4, 1927.

225,425. NONALCOHOLIC, MALTLESS BEVERAGES AND FLAVORS THEREFOR. THE ORANGE SMILE SIRUP COMPANY, St. Louis, Mo.
Filed November 5, 1926. Serial No. 239,715. PUBLISHED JANUARY 4, 1927.

225,426. VEGETABLE OIL. CORN PRODUCTS REFINING COMPANY, New York, N. Y.
Filed November 5, 1926. Serial No. 239,700. PUBLISHED DECEMBER 28, 1926.

225,427. INSECTICIDES, FUNGICIDES, RODENTICIDES, ECONOMIC POISONS, AND DISINFECTANTS. THE BAYER COMPANY, INC., New York, N. Y.
Filed November 5, 1926. Serial No. 239,695. PUBLISHED DECEMBER 28, 1926.

225,428. DIE HEADS, TAPS, AND THREADING MACHINES. THE EASTERN MACHINE SCREW CORPORATION, New Haven, Conn.
Filed November 12, 1926. Serial No. 239,976. PUBLISHED JANUARY 18, 1927.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

225,429. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VIRGINIA DARE EXTRACT CO., Brooklyn, N. Y. Filed June 18, 1925. Serial No. 216,001.

WINE-CUP

Particular description of goods.—Iodized Medicinal Sirup for Use in the Preparation of Soft Drinks.
Claims use since Apr. 8, 1924.

225,430. (CLASS 12. CONSTRUCTION MATERIALS.) UNITED STATES GYPSUM COMPANY, Chicago, Ill. Filed Dec. 26, 1925. Serial No. 225,210.

STERLING

Particular description of goods.—Plaster Boards and Plaster Wall Boards.
Claims use since Oct. 14, 1925.

225,431. (CLASS 12. CONSTRUCTION MATERIALS.) THE COMBINATION DOOR CO., Fond du Lac, Wis. Filed Jan. 2, 1926. Serial No. 225,401.

EASY CHANGE

Particular description of goods.—Combination Storm and Screen Doors.
Claims use since May 1, 1913.

225,432. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE SETHNESS COMPANY, Chicago, Ill. Filed Feb. 10, 1926. Serial No. 227,141.

NASSAU

Particular description of goods.—Ginger Ale and Extract for Making Ginger Ale.
Claims use since Dec. 1, 1925.

225,433. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NANCY KEITH CANDY CO., Chicago, Ill. Filed Apr. 8, 1926. Serial No. 229,870.

Nancy Keith

Particular description of goods.—Homemade Candies.
Claims use since May, 1923.

225,434. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) SIGMUND S. LOEB, Boston, Mass. Filed Apr. 16, 1926. Serial No. 230,299.

TIE TREE

Particular description of goods.—Neckwear Linings.
Claims use since Aug. 8, 1925.

225,435. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GILBERT BRAN-O-LAX CO. INC., Lynchburg, Va. Filed Apr. 19, 1926. Serial No. 230,391.

GILBERT'S LAXATIVE TABLETS

Particular description of goods.—Laxative Tablets.
Claims use since Feb. 3, 1926.

225,436. (CLASS 39. CLOTHING.) THE HARPER & KIRSCHTEN SHOE CO., Chicago, Ill. Filed July 19, 1926. Serial No. 234,707.

JANE MONROE

Particular description of goods.—Shoes Made of Leather, Rubber, and Fabric and Combinations of the Same.
Claims use since Jan. 2, 1926.

225,437. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GORDON CANDY COMPANY, Omaha, Nebr. Filed July 27, 1926. Serial No. 235,206.

"Candidly the Best"

Particular description of goods.—Candy.
Claims use since January, 1917.

225,438. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) METROPOLITAN IMPORTING & MFG. CO., New York, N. Y. Filed Aug. 27, 1926. Serial No. 236,558.

Tiny Toys

Particular description of goods.—Cardboard Toy Animals, Dolls, and Other Figures for Children's Amusement.
Claims use since Feb. 1, 1926.

225,439. (CLASS 39. CLOTHING.) RED RAVEN RUBBER COMPANY, Newark, N. J. Filed Oct. 14, 1926. Serial No. 238,615.

"Health and Wear in every pair"

Particular description of goods.—Rubber Baby Pants.
Claims use since April, 1923.

225,440. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) DENVER ICE & COLD STORAGE CO., Denver, Colo. Filed Nov. 2, 1926. Serial No. 239,575.

"SERV—ICE"

Particular description of goods.—Ice.
Claims use since July 1, 1918.

225,441. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. R. MARTIN, doing business as J. R. Martin & Co., San Francisco, Calif. Filed Dec. 8, 1926. Serial No. 241,171.

GOLDEN STATE

Particular description of goods.—Port Tonic and Sherry Tonic Used in the Treatment of Impaired Nutrition and in the Various Forms of General Debility.
Claims use since July 10, 1925.

225,442. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ALBERT GODDE, BEDIN, INC., New York, N. Y. Filed Dec. 13, 1926. Serial No. 241,371.

SLIPPROOF

Particular description of goods.—Silk Piece Goods.
Claims use since July 8, 1922.

225,443. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) GENERAL STAMPING COMPANY, Springfield, Mass. Filed Dec. 16, 1926. Serial No. 241,570.

Kant-Freez

Particular description of goods.—Automobile Radiator Shields.
Claims use since Dec. 1, 1924.

225,444. (CLASS 39. CLOTHING.) HOOD RUBBER COMPANY, Watertown, Mass. Filed Dec. 17, 1926. Serial No. 241,620.

LENOX

Particular description of goods.—Rubber Boots and Shoes, Rubber Overshoes, and Rubber-Soled Canvas Shoes.
Claims use since Aug. 23, 1913.

225,445. (CLASS 39. CLOTHING.) HOOD RUBBER COMPANY, Watertown, Mass. Filed Dec. 17, 1926. Serial No. 241,621.

LUZON

Particular description of goods.—Rubber Boots and Shoes, Rubber Overshoes, and Rubber-Soled Canvas Shoes.
Claims use since Feb. 20, 1922.

225,446. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HYMAN LUBOW, New York, N. Y. Filed Jan. 18, 1927. Serial No. 243,006.

LINETTE

Particular description of goods.—Dark-Tan Canvas Piece Goods.
Claims use since Jan. 4, 1925.

225,447. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAYER CREAMERY & COLD STORAGE CO., Philadelphia, Pa. Filed Jan. 18, 1927. Serial No. 243,021.

SMITHFIELD

Particular description of goods.—Butter.
Claims use since June 1, 1920.

225,448. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HAGER, CLARK & CO., New York, N. Y. Filed Jan. 19, 1927. Serial No. 243,053.

WARM WEATHER

Particular description of goods.—Woolen and Worsted Piece Goods.
Claims use since December, 1923.

TRADE-MARK REGISTRATIONS RENEWED

51,671. COMBS. Registered April 17, 1906. DR. HEINRICH TRAUN & SÖHNE. Renewed April 17, 1926, to Dr. Heinr. Traun & Sohne, Vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany, a Special Partnership of Germany, successor.

51,911. COMBS. Registered April 24, 1906. DR. HEINRICH TRAUN & SÖHNE. Renewed April 24, 1926, to Dr. Heinr. Traun & Sohne, Vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany, a Special Partnership of Germany, successor.

52,192. COMBS. Registered May 1, 1906. DR. HEINRICH TRAUN & SÖHNE. Renewed May 1, 1926, to Dr. Heinr. Traun & Sohne, Vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany, a Special Partnership of Germany, successor.

53,211. COMBS. Registered May 29, 1906. DR. HEINRICH TRAUN & SÖHNE. Renewed May 29, 1926, to Dr. Heinr. Traun & Sohne, Vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany, a Special Partnership of Germany, successor.

54,363. LEATHER BOOTS, SHOES, SLIPPERS, AND INSOLES. Registered June 26, 1906. HERBERT H. ROORA, Lincoln, Nebr. Renewed June 26, 1926.

57,909. CAR SEATS. Registered December 4, 1906. THE HALE AND KILBURN MANUFACTURING COMPANY. Renewed December 4, 1926, to American Motor Body Company, Philadelphia, Pa., a Corporation of Delaware, assignee.

58,935. COTTON PIECE GOODS. Registered December 25, 1906. GRINNELL WILLIS & Co. Renewed December 25, 1926, to Ridley Watts & Co., New York, N. Y., assignee by mesne assignments.

59,143. ROOFING MATERIAL OF COMPOSITION OR CEMENT. Registered January 1, 1907. THE SPARHAM FIREPROOF ROOFING CEMENT COMP'Y, Montreal, Canada. Renewed January 1, 1927, to Edwin John Wayte, executor under the will of William Lassey Maltby, Montreal, Canada, and New York, N. Y., successor.

59,229. CACAOS, CHOCOLATE, AND PREPARATIONS THEREOF. Registered January 1, 1907. A. & W. LINDT, Berne, Switzerland. Renewed January 1, 1927

59,300. COTTON PIECE GOODS. Registered January 1, 1907. GRINNELL WILLIS & Co. Renewed January 1, 1927, to Ridley Watts & Co., New York, N. Y., assignee by mesne assignments.

59,341. COTTON PIECE GOODS. Registered January 8, 1907. GRINNELL WILLIS & Co. Renewed January 8, 1927, to Ridley Watts & Co., New York, N. Y., assignee by mesne assignments.

59,652. COTTON PIECE GOODS. Registered January 15, 1907. GRINNELL WILLIS & Co. Renewed January 15, 1927, to Ridley Watts & Co., New York, N. Y., assignee by mesne assignments.

59,672. CERTAIN NAMED CUTLERY. Registered January 15, 1907. JOSEPH ALLEN & SONS LIMITED, Sheffield, England, a Corporation of Great Britain. Renewed January 15, 1927.

59,804. CERTAIN NAMED COOKING OIL. Registered January 15, 1907. UNION OIL COMPANY, Providence, R. I. Renewed January 15, 1927, to Lever Brothers Company, Portland, Me., and Cambridge, Mass., a Corporation of Maine, assignee by mesne assignments.

59,828. WRITING PAPER. Registered January 22, 1907. HENRY LINDENMEYR & SONS. Renewed January 22, 1927, to Henry Lindenmeyr & Sons, New York, N. Y., a Corporation of New York, successor.

59,853. CERTAIN PAPER MANUFACTURES. Registered January 22, 1907. LEVEY BROTHERS COMPANY. Renewed January 22, 1927, to Levey Printing Co., Indianapolis, Ind., a Corporation of Indiana, assignee.

59,906. CANDIES. Registered January 22, 1907. NATIONAL CANDY COMPANY, Jersey City, N. J., and St. Louis, Mo. Renewed January 22, 1927, to National Candy Company, St. Louis, Mo., a Corporation of New Jersey.

59,912. BUTTER. Registered January 22, 1907. THE A. R. DUNCAN JR. CO., Cleveland, Ohio, a Corporation of Ohio. Renewed January 22, 1927.

59,932. CHEESE OF THE LIMBURGER TYPE. Registered January 22, 1907. M. UHLMANN, Chicago, Ill. Renewed January 22, 1927.

60,038. REMEDIES FOR CERTAIN NAMED DISEASES. Registered January 22, 1907. LOUISE M. MENTELE, Epiphany, S. Dak. Renewed January 22, 1927, to Louise M. Mentele-Doty, Sioux Falls, S. Dak.

60,164. WRITING PAPER. Registered January 29, 1907. HENRY LINDENMEYR & SONS. Renewed January 29, 1927, to Henry Lindenmeyr & Sons, New York, N. Y., a Corporation of New York, successor.

60,238. WATCH SPRINGS. Registered January 29, 1907. CHARLES ROBERT. Renewed January 29, 1927, to Emile Geiser, Chaux-de-Fonds, Switzerland, assignee.

60,241. CORDIAL. Registered January 29, 1907. SOCIETE ANONYME DE LA DISTILLERIE DE LA LIQUEUR BENEDICTINE DE L'ABBAYE DE FECAMP. Renewed January 29, 1927, to Societe Anonyme De La Benedictine, Distillerie De La Liqueur De L'Ancienne Abbaye De Fecamp, Fecamp, France, a Corporation of France, successor.

60,267. WHEAT FLOUR. Registered February 5, 1907. VALIER & SPIES MILLING COMPANY, Marine and St. Jacob, Ill., and St. Louis, Mo. Renewed February 5, 1927, to Valier & Spies Milling Corporation, St. Louis, Mo., a Corporation of Delaware, assignee.

60,268. WHEAT FLOUR. Registered February 5, 1907. VALIER & SPIES MILLING COMPANY, Marine and St. Jacob, Ill., and St. Louis, Mo. Renewed February 5, 1927, to Valier & Spies Milling Corporation, St. Louis, Mo., a Corporation of Delaware, assignee.

60,389. REMEDY FOR CERTAIN NAMED DISEASES. Registered February 5, 1907. GARLAND D. HORTON, Singer, La. Renewed February 5, 1927, to Hobo Medicine Company, Inc., Beaumont, Tex., a Corporation of Texas, assignee.

60,395. A RAT AND ROACH EXTERMINATOR. Registered February 5, 1907. STEARNS' ELECTRIC PASTE CO., Buffalo, N. Y. Renewed February 5, 1927, to Stearns' Electric Paste Co., Chicago, Ill., a Corporation of Illinois.

60,396. A RAT AND ROACH EXTERMINATOR. Registered February 5, 1907. STEARNS' ELECTRIC PASTE CO., Buffalo, N. Y. Renewed February 5, 1927, to Stearns' Electric Paste Co., Chicago, Ill., a Corporation of Illinois.

60,535. CERTAIN RAILWAY EQUIPMENT. Registered February 12, 1907. LATROBE STEEL AND COUPLER COMPANY, Philadelphia, Pa. Renewed February 12, 1927, to National Malleable and Steel Castings Company, Cleveland, Ohio, a Corporation of Ohio, assignee.

60,536. CERTAIN MACHINERY PARTS. Registered February 12, 1907. LATROBE STEEL AND COUPLER COMPANY, Philadelphia, Pa. Renewed February 12, 1927, to National Malleable and Steel Castings Company, Cleveland, Ohio, a Corporation of Ohio, assignee.

60,549. EMBROIDERY HOOPS. Registered February 12, 1907. THE GIBBS MANUFACTURING CO., Canton, Ohio, a Corporation of Ohio. Renewed February 12, 1927.

60,550. EMBROIDERY HOOPS. Registered February 12, 1907. THE GIBBS MANUFACTURING CO., Canton, Ohio, a Corporation of Ohio. Renewed February 12, 1927.

60,551. EMBROIDERY HOOPS. Registered February 12, 1907. THE GIBBS MANUFACTURING CO., Canton, Ohio, a Corporation of Ohio. Renewed February 12, 1927.

60,552. EMBROIDERY HOOPS. Registered February 12, 1907. THE GIBBS MANUFACTURING CO., Canton, Ohio, a Corporation of Ohio. Renewed February 12, 1927.

60,578. CERTAIN INSULATION MATERIAL. Registered February 12, 1907. UNION FIBRE CO. Renewed February 12, 1927, to Union Fibre Co. Incorporated, Winona, Minn., a Corporation of Minnesota, assignee by mesne assignments.

60,625. AN EXTRACT OR PREPARATION OF THE PANCREAS GLAND. Registered February 12, 1907. FAIRCHILD BROS. & FOSTER, New York, N. Y., a Corporation of New York. Renewed February 12, 1927.

60,730. PAPER AND ENVELOPES. Registered February 19, 1907. RAYNOR & PERKINS ENVELOPE COMPANY, New York, N. Y., a Corporation of New York. Renewed February 19, 1927.

60,731. PAPER AND ENVELOPES. Registered February 19, 1907. RAYNOR & PERKINS ENVELOPE COMPANY, New York, N. Y., a Corporation of New York. Renewed February 19, 1927.

60,732. PAPER AND ENVELOPES. Registered February 19, 1907. RAYNOR & PERKINS ENVELOPE COMPANY, New York, N. Y., a Corporation of New York. Renewed February 19, 1927.

60,734. PAPER AND ENVELOPES. Registered February 19, 1907. RAYNOR & PERKINS ENVELOPE COMPANY, New York, N. Y., a Corporation of New York. Renewed February 19, 1927.

60,758. LEATHER BELTING. Registered February 19, 1907. NEW YORK LEATHER BELTING CO., New York, N. Y., a Corporation of New York. Renewed February 19, 1927.

60,816. PAPER AND ENVELOPES. Registered February 19, 1907. RAYNOR & PERKINS ENVELOPE COMPANY, New York, N. Y., a Corporation of New York. Renewed February 19, 1927.

60,818. LEATHER FOR SHOES, HARNESS, AND GLOVES. Registered February 19, 1907. ALBERT TROSTEL & SONS. Renewed February 19, 1927, to Albert Trostel & Sons Company, Milwaukee, Wis., a Corporation of Wisconsin, assignee.

60,848. HOSIERY. Registered February 19, 1907. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed February 19, 1927.

60,851. A DENTIFRICE. Registered February 19, 1907. FREDERICK F. INGRAM. Renewed February 19, 1927, to Frederick F. Ingram Company, Detroit, Mich., a Corporation of Michigan, assignee.

60,957. TIN AND TERNE PLATES. Registered February 26, 1907. FOLLANSBEE BROTHERS COMPANY, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed February 26, 1927.

60,967. CALF LEATHER WITH THE EXCEPTION OF PATENT CALF LEATHER. Registered February 26, 1907. GEO. F. WERNER'S SON, New York, N. Y. Renewed February 26, 1927, to Geo. F. Werner's Son, Jersey City, N. J.

61,076. GIN. Registered March 5, 1907. KINAHAN & COMPANY LIMITED. Renewed March 5, 1927, to Bagots, Hutton & Company, Limited, Dublin, Ireland, a Corporation of Great Britain, assignee.

61,165. CERTAIN MEDICINAL COMPOUNDS. Registered March 5, 1907. KNOLL & CO., Ludwigshafen-on-the-Rhine, Germany. Renewed March 5, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

61,176. MAGNETOS. Registered March 5, 1907. ROBERT BOSCH, NEW YORK, INC., New York, N. Y. Renewed March 5, 1927, to American Bosch Magneto Corporation, Springfield, Mass., a Corporation of New York, assignee.

61,242. CANNED VEGETABLES. Registered March 12, 1907. ROSENSTEIN BROTHERS INC. Renewed March 12, 1927, to Adolph Goldmark & Sons Corp., New York, N. Y., a Corporation of New York, assignee.

61,255. A MEDICAL PREPARATION TO BE USED AS AN ANTIGONORRHEIC. Registered March 12, 1907. KNOLL & Co., Ludwigshafen, Germany. Renewed March 12, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

61,260. BITTERS. Registered March 12, 1907. ISA MONHEIMER. Renewed March 12, 1927, to Enright & Brice, Chicago, Ill., successor.

61,310. WALL PLASTERS. Registered March 12, 1907. THE PLYMOUTH GYPSUM CO., Fort Dodge, Iowa. Renewed March 12, 1927, to Universal Gypsum & Lime Co., Chicago, Ill., a Corporation of Delaware, assignee.

61,317. CERTAIN NAMED TOILET ARTICLES. Registered March 12, 1907. WILLIAM PATH G. M. B. H., Stolberg Rheinland, Germany, a Corporation of Germany. Renewed March 12, 1927.

61,402. MEDICINES FOR BLOOD DISEASES OF HORSES, MULES, AND CATTLE. Registered March 19, 1907. C. F. CUTLER. Renewed March 19, 1927, to C. F. Cutler & Co., Deep River, Iowa, successor.

61,603. MANGANESE BRONZE. Registered March 26, 1907. THE MANGANESE BRONZE AND BRASS CO. LIMITED, London, England, a Limited-Liability Company of Great Britain. Renewed March 26, 1927.

61,655. RAT AND ROACH EXTERMINATOR. Registered April 2, 1907. STEARNS' ELECTRIC PASTE CO., Buffalo, N. Y. Renewed April 2, 1927, to Stearns' Electric Paste Co., Chicago, Ill., a Corporation of Illinois.

61,683. WILTON CARPETS AND RUGS. Registered April 2, 1907. IVINS, DIETZ & METZGER CO. Renewed April 2, 1927, to Hardwick & Magee Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

61,788. WHEAT FLOUR. Registered April 2, 1907. THE NORTHWESTERN CONSOLIDATED MILLING COMPANY, Minneapolis, Minn., a Corporation of Minnesota. Renewed April 2, 1927.

61,808. MIXED PAINTS. Registered April 9, 1907. THE KNICKERBOCKER PAINT COMPANY, New York, N. Y., a Corporation of New York. Renewed April 9, 1927.

61,881. KEY RINGS AND KEY CHAINS. Registered April 9, 1907. L. HUET & E. LIGIER. Renewed April 9, 1927, to Canuet Freres, Paris, France, successor.

61,882. KEY RINGS AND KEY CHAINS. Registered April 9, 1907. L. HUET & E. LIGIER. Renewed April 9, 1927, to Canuet Freres, Paris, France, successor.

61,897. POLISHED STEEL BUTTONS. Registered April 9, 1907. L. HUET AND E. LIGIER. Renewed April 9, 1927, to Canuet Freres, Paris, France, successor.

62,025. WIRE FENCE. Registered April 16, 1907. KEYSTONE FENCE COMPANY, Peoria, Ill. Renewed April 16, 1927, to Keystone Steel & Wire Company, South Bartonville, Peoria, Ill., a Corporation of Illinois, assignee.

62,060. VARNISH. Registered April 16, 1907. BERRY BROTHERS, LIMITED, Detroit, Mich. Renewed April 16, 1927, to The Sherwin-Williams Company, Cleveland, Ohio, a Corporation of Ohio, assignee.

62,065. A PREPARATION FOR THE MODIFICATION OF COWS' MILK. Registered April 16, 1907. FAIRCHILD BROS. & FOSTER, New York, N. Y., a Corporation of New York. Renewed April 16, 1927.

62,206. MEDICATED STOCK FOODS. Registered April 23, 1907. DR. HESS & CLARK. Renewed April 23, 1927, to Dr. Hess & Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successor.

62,207. MEDICATED STOCK FOODS. Registered April 23, 1907. DR. HESS & CLARK. Renewed April 23, 1927, to Dr. Hess & Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successor.

62,311. MEDICATED STOCK FOODS. Registered April 30, 1907. DR. HESS & CLARK. Renewed April 30, 1927, to Dr. Hess & Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successor.

62,313. WIRE FENCE. Registered April 30, 1907. KEYSTONE FENCE COMPANY,, Peoria, Ill. Renewed April 30, 1927, to Keystone Steel & Wire Company, South Bartonville, Peoria, Ill., a Corporation of Illinois, assignee.

62,363. KNITTED, NETTED, AND LACE GLOVES. Registered April 30, 1907. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed April 30, 1927.

62,365. COTTON PIECE GOODS. Registered April 30, 1907. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed April 30, 1927.

62,366. COTTON PIECE GOODS. Registered April 30, 1907. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed April 30, 1927.

62,368. PATENT SIDE LEATHER. Registered April 30, 1907. SETON LEATHER CO., Newark, N. J., a Corporation of New Jersey. Renewed April 30, 1927.

62,447. HAIR TONIC. Registered May 7, 1907. MARY S. BARKER. Renewed May 7, 1927, to James A. McCormack, New York, N. Y., assignee.

62,558. PERCALES. Registered May 14, 1907. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed May 14, 1927.

62,662. FINISHING PRODUCT. Registered May 21, 1907. KEYSTONE VARNISH COMPANY, Brooklyn, N. Y., a Corporation of New York. Renewed May 21, 1927.

62,679. REMEDY FOR BLOOD DISEASES. Registered May 21, 1907. BLOOD BALM COMPANY, Atlanta, Ga. Renewed May 21, 1927, to C. F. Simmons Medicine Company, Inc., New York, N. Y., a Corporation of Missouri, assignee.

62,680. REMEDY FOR BLOOD DISEASES. Registered May 21, 1907. BLOOD BALM COMPANY, Atlanta, Ga. Renewed May 21, 1927, to C. F. Simmons Medicine Company, Inc., New York, N. Y., a Corporation of Missouri, assignee.

62,740. WHEAT FLOUR. Registered May 21, 1907. ACME MILLING COMPANY. Renewed May 21, 1927, to Acme-Evans Company, Indianapolis, Ind., a Corporation of Indiana, assignee.

62,845. OVERALLS AND PANTALOONS. Registered May 28, 1907. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed May 28, 1927.

62,867. KNITTED AND NETTED UNDERWEAR. Registered May 28, 1907. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed May 28, 1927.

62,913. COTTON PIECE GOODS. Registered May 28, 1907. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed May 28, 1927.

63,052. DRIVE CHAINS AND CONVEYER CHAINS. Registered June 4, 1907. LINK-BELT COMPANY, Chicago, Ill.; Philadelphia, Pa.; and Indianapolis, Ind. Renewed June 4, 1927, to Link-Belt Company, Chicago, Ill., a Corporation of Illinois.

63,203. LAXATIVES. Registered June 11, 1907. STEARNS & CURTIUS, New York, N. Y. Renewed June 11, 1927, to Frederick Stearns & Company, Detroit, Mich., a Corporation of Michigan, assignee.

63,282. CERTAIN TEXTILES. Registered June 11, 1907. MERRIMACK MANUFACTURING COMPANY, Lowell, Mass., a Corporation of Massachusetts. Renewed June 11, 1927.

63,294. RAT AND ROACH EXTERMINATOR. Registered June 11, 1907. STEARNS' ELECTRIC PASTE CO., Buffalo, N. Y. Renewed June 11, 1927, to Stearns' Electric Paste Co., Chicago, Ill., a Corporation of Illinois.

63,300. CANNED FRUITS AND VEGETABLES. Registered June 11, 1907. WAYNE COUNTY PRESERVING COMPANY. Renewed June 11, 1927, to Edgett-Burnham Company, Newark, N. Y., a Corporation of New York, assignee.

63,316. WHEAT FLOUR. Registered June 11, 1907. THE NEW CENTURY MILLING COMPANY. Renewed June 11, 1927, to Morten Milling Company, Dallas, Tex., a Corporation of Texas, assignee.

63,338. CERTAIN ABRASIVE AND POLISHING MATERIALS. Registered June 18, 1907. NORTON COMPANY, Worcester, Mass., a Corporation of Massachusetts. Renewed June 18, 1927.

63,352. CERTAIN PAINTS. Registered June 18, 1907. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed June 18, 1927.

63,353. CERTAIN PAINTS. Registered June 18, 1907. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed June 18, 1927.

63,446. A RUBBER PACKING. Registered June 18, 1907. JENKINS RUBBER CO., Elizabeth, N. J., assignee of Alfred B. Jenkins. Renewed June 18, 1927, to Jenkins Bros., New York, N. Y., a Corporation of New Jersey, assignee.

63,471. SOAP POWDER. Registered June 25, 1907. LEVER BROTHERS COMPANY, Portland, Me., and Cambridge, Mass., a Corporation of Maine. Renewed June 25, 1927.

63,475. ROPE, CORD, AND TWINE. Registered June 25, 1907. THE PORTLAND CORDAGE COMPANY, Portland, Oreg., a Corporation of Oregon. Renewed June 25, 1927.

63,542. CERTAIN GRAPHITE LUBRICANTS. Registered June 25, 1907. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed June 25, 1927.

63,585. CHOCOLATES AND BONBONS. Registered June 25, 1907. HENRY ROLLER, Muncie, Ind. Renewed June 25, 1927.

63,619. STOVES AND RANGES. Registered July 2, 1907. ST. LOUIS UNION TRUST COMPANY. Renewed July 2, 1927, to Charter Oak Stove & Range Company, St. Louis, Mo., a Corporation of Missouri, assignee.

63,625. ENAMELS, BOTH GLOSS AND FLAT. Registered July 2, 1907. KEYSTONE VARNISH COMPANY, Brooklyn, N. Y., a Corporation of New York. Renewed July 2, 1927.

63,642. ANILINE COLORS AND BLUE. Registered July 2, 1907. THE HELLER & MERZ CO., Newark, N. J., a Corporation of New Jersey. Renewed July 2, 1927.

63,654. LOCKS AND KEYS. Registered July 2, 1907. THE YALE & TOWNE MFG. CO., Stamford, Conn., a Corporation of Connecticut. Renewed July 2, 1927.

63,727. PREPARED MUSTARD. Registered July 2, 1907. CHARLES GULDEN. Renewed July 2, 1927, to Charles Gulden, Inc., New York, N. Y., a Corporation of New York, assignee.

63,779. OINTMENTS. Registered July 9, 1907. FOSTER-MCCLELLAN COMPANY, Buffalo, N. Y., a Corporation of New York. Renewed July 9, 1927.

63,818. WHEAT FLOUR. Registered July 9, 1907. MOSELEY & MOTLEY MILLING CO., Rochester, N. Y., a Corporation of New York. Renewed July 9, 1927.

63,828. LEATHER BELTING. Registered July 9, 1907. DETROIT OAK BELTING COMPANY, Detroit, Mich., a Corporation of Michigan. Renewed July 9, 1927.

63,856. CERTAIN RANGES. Registered July 9, 1907. MALLEABLE IRON RANGE CO., Beaver Dam, Wis., a Corporation of Wisconsin. Renewed July 9, 1927.

63,866. SEWING MACHINES, PARTS, COVERS, TABLES, STANDS, AND ATTACHMENTS. Registered July 9, 1907. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed July 9, 1927, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

63,868. STOVES AND RANGES. Registered July 9, 1907. ST. LOUIS UNION TRUST COMPANY. Renewed July 9, 1927, to Charter Oak Stove & Range Company, St. Louis, Mo., a Corporation of Missouri, assignee.

63,872. LEATHER BELTING. Registered July 9, 1907. DETROIT OAK BELTING COMPANY, Detroit, Mich., a Corporation of Michigan. Renewed July 9, 1927.

63,891. PRINTED BOOKS, PAMPHLETS, POSTERS, LITHOGRAPHS, AND ENGRAVINGS. Registered July 16, 1907. THE BROOKLYN DAILY EAGLE, Brooklyn, N. Y., a Corporation of New York. Renewed July 16, 1927.

63,892. A PERIODICAL. Registered July 16, 1907. THE BROOKLYN DAILY EAGLE, Brooklyn, N. Y., a Corporation of New York. Renewed July 16, 1927.

63,893. NEWSPAPERS. Registered July 16, 1907. THE BROOKLYN DAILY EAGLE, Brooklyn, N. Y., a Corporation of New York. Renewed July 16, 1927.

63,928. CORNSTARCH. Registered July 16, 1907. CORN PRODUCTS REFINING COMPANY, New York, N. Y., a Corporation of New Jersey. Renewed July 16, 1927.

63,951. CLOTHES WRINGERS, MANGLES, AND DRIERS. Registered July 16, 1907. AMERICAN WRINGER COMPANY, New York, N. Y. Renewed July 16, 1927, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

63,957. LOOSE-SHEET HOLDERS OR TEMPORARY BINDERS. Registered July 16, 1907. KALAMAZOO LOOSE LEAF BINDER CO., Kalamazoo, Mich., a Corporation of Michigan. Renewed July 16, 1927.

63,971. STOVES AND RANGES. Registered July 16, 1907. ST. LOUIS UNION TRUST COMPANY. Renewed July 16, 1927, to Charter Oak Stove & Range Company, St. Louis, Mo., a Corporation of Missouri, assignee.

63,975. MACARONI. Registered July 16, 1907. C. F. MUELLER CO., Jersey City, N. J., a Corporation of New Jersey. Renewed July 16, 1927.

63,992. PUTTY. Registered July 16, 1907. BENJAMIN MOORE & CO., New York, N. Y., and Jersey City, N. J., a Corporation of New Jersey. Renewed July 16, 1927.

64,000. COFFEE. Registered July 16, 1907. JONES-PADDOCK CO. Renewed July 16, 1927, to The Jones-Thierbach Co., San Francisco, Calif., a Corporation of California, assignee.

64,003. CERTAIN CONFECTIONERY. Registered July 16, 1907. REISS & BRADY. Renewed July 16, 1927, to Cresca Company Incorporated, New York, N. Y., a Corporation of New York, assignee.

64,004. CHOCOLATE. Registered July 16, 1907. STEPHEN F. WHITMAN & SON. Renewed July 16, 1927, to Stephen F. Whitman & Son, Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

64,028. A LADIES' FASHION MAGAZINE. Registered July 23, 1907. ELITE STYLES COMPANY, New York, N. Y., a Corporation of New York. Renewed July 23, 1927.

64,041. ICE-CREAM FREEZERS. Registered July 23, 1907. NORTH BRO'S M'F'G. CO., Philadelphia, Pa., a Corporation of Pennsylvania. Renewed July 23, 1927.

64,093. CERTAIN ABRASIVE AND POLISHING MATERIALS, TOOLS, IMPLEMENTS, AND MACHINERY. Registered July 23, 1907. NORTON COMPANY, Worcester, Mass., a Corporation of Massachusetts. Renewed July 23, 1927.

64,117. COTTON PIECE GOODS. Registered July 23, 1907. RENFREW MANUFACTURING COMPANY, Adams, Mass., a Corporation of Massachusetts. Renewed July 23, 1927.

64,130. CERTAIN CUTLERY. Registered July 23, 1907. CASE BROTHERS CUTLERY CO., Little Valley, N. Y. Renewed July 23, 1927, to W. R. Case & Sons Cutlery Co., Bradford, Pa., a Corporation of Pennsylvania, assignee.

64,140. CERTAIN NAMED MEDICINE. Registered July 23, 1907. THE HAUSMAN DRUG CO. INC., Trinidad, Colo., a Corporation of Colorado. Renewed July 23, 1927.

64,157. CALCIMINE. Registered July 23, 1907. THE MURALO COMPANY, New Brighton, N. Y. Renewed July 23, 1927, to The Sherwin-Williams Company, Cleveland, Ohio, a Corporation of Ohio, assignee.

64,325. REMEDY FOR DISORDERS OF THE STOMACH AND BOWELS. Registered July 30, 1907. STEARNS & CURTIUS, New York, N. Y. Renewed July 30, 1927, to Frederick Stearns & Company, Detroit, Mich., a Corporation of Michigan, assignee.

LABELS

REGISTERED MARCH 15, 1927.

31,773.—*Title:* RADIAX. For a Roofing Material. THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Published January 28, 1927.

31,774.—*Title:* BATTLE AXE. For a Roofing Material. THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Published January 28, 1927.

31,775.—*Title:* CONTINENTAL. For a Mineral-Surfaced Roofing. THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Published January 28, 1927.

31,776.—*Title:* CONTINENTAL. For an Asphalt Felt. THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Published January 28, 1927.

31,777.—*Title:* CONTINENTAL. For an Asphalt Sheathing and Slaters' Felt. THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Published January 28, 1927.

31,778.—*Title:* CONTINENTAL. For a Roofing Material. THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Published January 28, 1927.

31,779.—*Title:* CONTINENTAL. For a Roofing Material. THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Published January 28, 1927.

31,780.—*Title:* CONTINENTAL. For a Roofing Material. THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Published January 28, 1927.

31,781.—*Title:* CONTINENTAL. For a Mica-Surfaced Roofing. THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Published January 28, 1927.

31,782.—*Title:* ONE GALLON BACILI-KIL, DISINFECTANT, STERILIZER, DEODORANT, ANTISEPTIC 905 C. For a Sodium Hypochlorite Fluid. GENERAL LABORATORIES, Madison, Wis. Published September 1, 1926.

31,783.—*Title:* FIVE GALLONS BACILI-KIL, DISINFECTANT, STERILIZER, DEODORANT, ANTISEPTIC 906 C. For a Sodium Hypochlorite. GENERAL LABORATORIES, Madison, Wis. Published September 1, 1926.

31,784.—*Title:* HANSEN'S BUTTERMILK. For Buttermilk. TH. HANSEN, Birmingham, Ala. Published December 21, 1926.

31,785.—*Title:* $1000.00 GUARANTEED BED-BUG KILLER. For Liquid Bedbug Killer. B. HELLER & COMPANY, Chicago, Ill. Published January 4, 1927.

31,786.—*Title:* DUK'S BAK. For Top Dressing. W. C. LAMB, Terre Haute, Ind. Published January 10, 1927.

31,787.—*Title:* EISEN-HEISS. For Paint. THE MASTER MECHANICS CO., Cleveland, Ohio. Published December 31, 1926.

31,788.—*Title:* EISEN-HEISS. For Paint. THE MASTER MECHANICS CO., Cleveland, Ohio. Published December 31, 1926.

31,789.—*Title:* AUNT EDNA'S SYMPHONY CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published February 7, 1927.

31,790.—*Title:* MODERN LIBRARY. For Books (Being Placed Around the Books as a Jacket). THE MODERN LIBRARY, INC., New York, N. Y. Published January 25, 1927.

31,791.—*Title:* NERVTANNATO. For Nervtannato. WILLIAM CHRISTOPHER MORGAN, Beeville, Tex. Published December 21, 1926.

31,792.—*Title:* THE HAPPY SCHOOL DAYS. For Games. GEORGE A. NELSON, Bayonne, N. J. Published November 1, 1926.

31,793.—*Title:* MARATHON. For Radiotubes. NORTHERN MANUFACTURING COMPANY, Newark, N. J. Published September 15, 1926.

31,794.—*Title:* KIS-KOO-WAH-NEE INDIAN MOSS PLANT. For Seeds, Plant Food, and Growth-Assisting Materials. ALVAH J. PEARSALL, doing business as New England Novelty House, Revere, Mass. Published February 2, 1927.

31,795.—*Title:* OLD ENGLISH LAWN SEED MAKES BETTER LAWNS. For Lawn Seed. THE PHILADELPHIA SEED CO., INC., Philadelphia, Pa. Published November 30, 1926.

31,796.—*Title:* IMPERIAL JOSEPHINA POWDER. For Face Powder. CHAS. A. RAHAYEL, doing business as Rahayel, Freres. Published January 26, 1919.

31,797.—*Title:* BAVARIAN MORNING STAR. For Malt Sirup. HYMAN SADUR, Chicago, Ill. Published August 25, 1926.

31,798.—*Title:* MENTH-OL-PINE. For a Nasal Emollient. SAN-I-SAL LABORATORIES, INC., Washington, D. C. Published January 5, 1927.

31,799.—*Title:* WHITE MULE. For Penetrating Oil. WHITE MULE, INC., Carbondale, Ill. Published March, 1924.

31,800.—*Title:* WHITE MULE. For Metal Polish. WHITE MULE, INC., Carbondale, Ill. Published March, 1924.

31,801.—*Title:* WHITE MULE. For a Liquid Stop Leak, a Compound for Automobile Radiators. WHITE MULE, INC., Carbondale, Ill. Published March, 1924.

31,802.—*Title:* WHITE MULE. For Automobile Top Dressing. WHITE MULE, INC., Carbondale, Ill. Published March, 1924.

31,803.—*Title:* WHITE MULE. For Tire Patches. WHITE MULE, INC., Carbondale, Ill. Published March, 1924.

31,804.—*Title:* KIDDIES NOVELTY HANDKERCHIEFS. For Insert and Outside Wrapper on Handkerchief Boxes. BERNHARD WOLF, New York, N. Y. Published January 27, 1927.

31,805.—*Title:* HI-STEPPER. For Women's and Misses' Dresses. FRED R. WRIGHT, Charlotte, N. C. Published January 29, 1927.

PRINTS

REGISTERED MARCH 15, 1927.

9,609.—*Title:* CINCY'S FAVORITE DRINK—BOAT HOUSE COFFEE. For Coffee. THE BOAT HOUSE COFFEE COMPANY, Cincinnati, Ohio. Published December 23, 1926.

9,610.—*Title:* THE BUNNERY. For Food Prepared and Served by The Bunnery. THOMAS O. BROOKS, San Antonio, Tex. Published December 20, 1926.

9,611.—*Title:* CHICAGO CHILDREN MAKE QUICK SCHOOL GAINS ON MODEL BREAKFAST. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 4, 1927.

9,612.—*Title:* THE PERFECT DOLLAR STOCKING. For Hosiery. FREUND & BRICKMAN, New York, N. Y. Published October 7, 1926.

9,613.—*Title:* SAY BUTTER-NUTS. For Salted and Flavored Peanuts. MEYER GLENN, doing business as Butter-Nut Packers, Erie, Pa. Published January 10, 1927.

9,614.—*Title:* HALF SIZE 1/2 DRESSES. For Gowns, Frocks, and Dresses for the Short Miss and Women. HALF SIZE DRESS CO., New York, N. Y. Published January 5, 1927.

9,615.—*Title:* THE SECRET OF HEINZ TOMATO KETCHUP. For Tomato Catchup. H. J. HEINZ COMPANY, Pittsburgh, Pa. Published January 1, 1927.

9,616.—*Title:* IT'S THE CREAM THAT MAKES IT SO GOOD. For Cream of Tomato Soup. H. J. HEINZ COMPANY, Pittsburgh, Pa. Published December 11, 1926.

9,617.—*Title:* THAT'S IT. For Tomato Catchup. H. J. HEINZ COMPANY, Pittsburgh, Pa. Published February 1, 1927.

9,618.—*Title:* NO-TUM-SUK. For Preparation to Cure Thumb Sucking, Finger-Nail Biting, Etc. LESLIE A. HORSE, Elmhurst, Ill. Published January 24, 1927.

9,619.—*Title:* HUNDREDS OF FORMULAS. For Industrial Cleaners. MAGNUSON PRODUCTS CORPORATION, Brooklyn, N. Y. Published January 31, 1927.

9,620.—*Title:* WARM AIR—MOIST AIR—FRESH AIR—WARM AIR HEAT MEANS HEALTH. For Heating and Ventilating Equipment. NATIONAL WARM AIR HEATING & VENTILATING ASSOCIATION, Columbus, Ohio. Published November 1, 1926.

9,621.—*Title:* A WHITE HOUSE THAT IS REALLY WHITE. For Paint. THE NEW JERSEY ZINC COMPANY, New York, N. Y. Published January 29, 1927.

9,622.—*Title:* WILL YOUR WHITE HOUSE BE WHITE NEXT YEAR? For Paint. THE NEW JERSEY ZINC COMPANY, New York, N. Y. Published January 1, 1927.

9,623.—*Title:* GENUINE 40-40-20 STAYS WHITE AS LONG AS GOOD PAINT LASTS. For Paint. THE NEW JERSEY ZINC COMPANY, New York, N. Y. Published January 1, 1927.

9,624.—*Title:* A TYPICAL NORRIS CREATION—THE ALMOND TRUFFLE. For Candy. NORRIS, INC., Atlanta, Ga. Published February 5, 1927.

9,625.—*Title:* MAKES PERT LITTLE PULLETS AND FOXY LITTLE ROOSTERS. For Chicken Mash. NUTRENA FEED MILLS, INC., Kansas City, Kans. Published December 1, 1926.

9,626.—*Title:* THE TEENIE WEENIES. For Pickles. REID, MURDOCH & CO., Chicago, Ill. Published January 28, 1927.

9,627.—*Title:* KIDDIE AIDS FOR KIDDIE ACHES. For Kiddie Aid Products. SAXON LABORATORIES, INC., Cleveland, Ohio. Published August 12, 1926.

9,628.—*Title:* 'FLIT SPELLS PROFIT' AND 'AGAIN FLIT WILL LEAD'. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published January 1, 1927.

9,629.—*Title:* THURSDAY ONLY. For Grocery and Foods. THOMAS D. TAYLOR, Philadelphia, Pa. Published February 2, 1927.

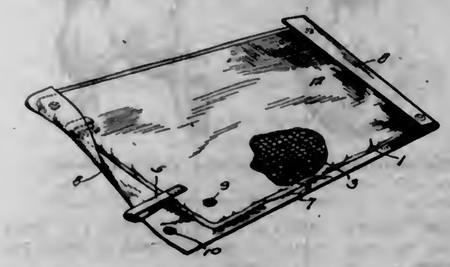
9,630.—*Title:* TUESDAY ONLY. For Grocery and Foods. THOMAS D. TAYLOR, Philadelphia, Pa. Published February 3, 1927.

9,631.—*Title:* PREMIER RED ASH COAL. For Coal. GAYLE EDWARD WEBER, Cincinnati, Ohio. Published December 17, 1926.

REISSUES

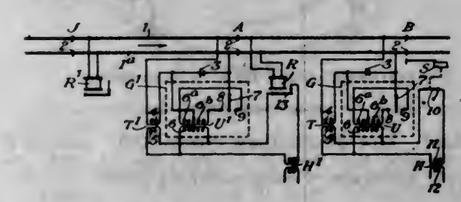
MARCH 15, 1927.

16,570. SANITARY PAD. MARTHA V. BAUER, Washington, D. C. Filed May 29, 1922. Serial No. 564,628. Original No. 1,341,875, dated June 1, 1920, Serial No. 334,784, filed Oct. 31, 1919. 4 Claims. (Cl. 128—290.)



1. An absorbent body comprising an inner covering of foraminous material, a filling of absorbent material therein, means passing through said inner covering and filling to restrain bunching of said filling, and an outer covering of foraminous material over said inner covering and filling.

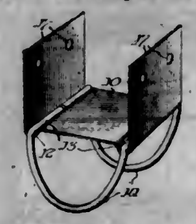
16,571. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. RONALD A. MCCANN, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Apr. 3, 1926. Serial No. 99,656. Original No. 1,512,120, dated Oct. 21, 1924, Serial No. 692,682, filed Feb. 14, 1924. 21 Claims. (Cl. 246—34.)



1. Railway traffic controlling apparatus comprising a stretch of railway track, a track battery connected with the rails of said stretch, a rectifier for charging said battery, and means responsive to traffic conditions for controlling said rectifier.

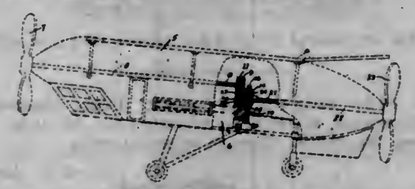
16,572. SLEEPER ANCHOR. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Co., Chicago, Ill., a Corporation of Delaware. Filed June 5, 1925. Serial No. 35,241. Original No. 1,496,504, dated June 3, 1924, Serial No. 521,600, filed Dec. 12, 1921. 7 Claims. (Cl. 72—101.)

6. In a device of the class described, the combination of a single wire bent to provide a pair of V-shaped anchor elements, horizontal wires connecting said elements, and wings connected to and adapted for pivotal movement



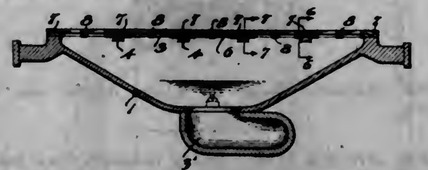
around said connecting wires and adapted to lie in a vertical plane at right angles to the vertical plane of the anchor elements.

16,573. PROPELLING MEANS. ROB TANNER, Attica, Ohio. Filed Dec. 31, 1926. Serial No. 158,349. Original No. 1,523,671, dated Jan. 20, 1925, Serial No. 726,557, filed July 17, 1924. 12 Claims. (Cl. 244—25.)



10. In an airship, the combination with a supporting frame and a power plant, of a forward propeller shaft, a rearward propeller shaft, propellers on the free ends of said shafts, said shafts being arranged in offset end to end relation, and means responsive to the speed and thrust of the respective propellers for driving the propellers.

16,574. BURNER. FRANK V. RISINGER, Lakewood, Ohio. Filed Dec. 2, 1926. Serial No. 152,242. Original No. 1,519,056, dated Dec. 9, 1924, Serial No. 629,193, filed Mar. 31, 1923. 5 Claims. (Cl. 158—99.)

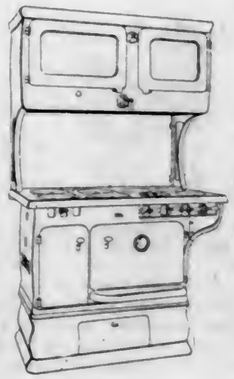


1. As a new article of manufacture, a grid for gas burners, comprising longitudinal spaced strips, and blocks maintaining the strips in spaced relationship, said blocks having longitudinal recesses in their upper faces receiving the strips, the alternate blocks being of the same length with the adjacent blocks of different lengths.

DESIGNS

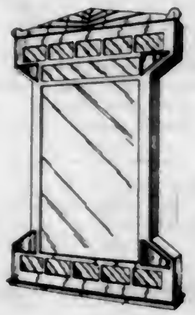
MARCH 15, 1927.

72,202. KITCHEN RANGE. WILBUR BENNETT, Scranton, Pa., assignor to The Graff Furnace Company, New York, N. Y., a Corporation of New York. Filed May 22, 1926. Serial No. 17,814. Term of patent 7 years.



The ornamental design for a kitchen range, as shown.

72,203. SIGN-DISPLAY CASE. HARRY COURTRIGHT CHEVALIER, Mount Olive, Ill. Filed Nov. 29, 1926. Serial No. 19,868. Term of patent 14 years.



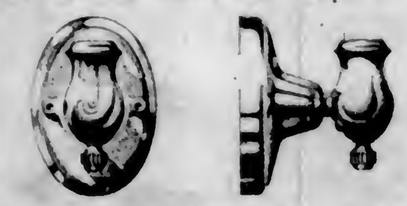
The ornamental design for a sign display case, as shown.

72,204. FINGER RING. JULIUS DINHOFER, New York, N. Y. Filed Apr. 20, 1926. Serial No. 17,358. Term of patent 7 years.



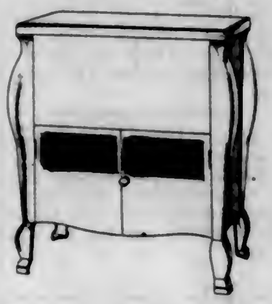
The ornamental design for a finger ring, as shown.

72,205. LAMP FIXTURE. ELMER A. ERMOLD, Philadelphia, Pa., assignor to Wirt Company, Philadelphia, Pa., a Corporation of Maine. Filed Mar. 29, 1926. Serial No. 17,095. Term of patent 7 years.



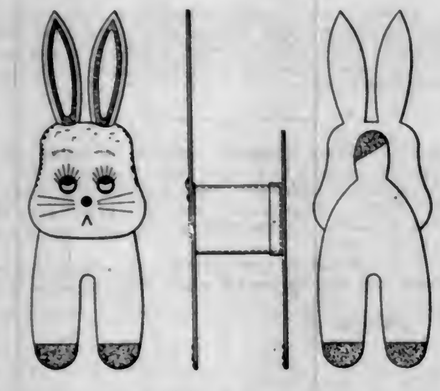
The ornamental design for lamp fixture as shown.

72,206. STOVE. EDWARD G. GERMER, Erie, Pa. Filed Dec. 10, 1926. Serial No. 20,011. Term of patent 3½ years.



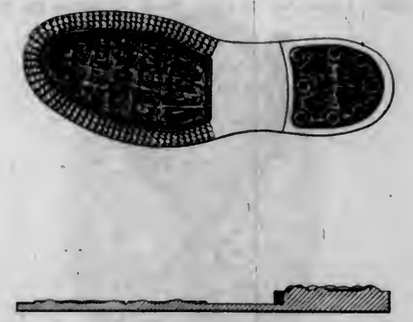
The ornamental design for a stove as shown.

72,207. BOX OR SIMILAR CONTAINER. ARTHUR T. GOLLNIK, New York, N. Y. Filed Nov. 11, 1925. Serial No. 15,406. Term of patent 3½ years.



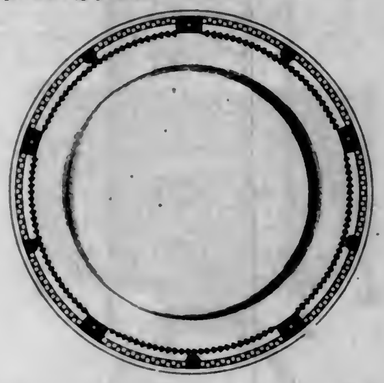
The ornamental design for a box or similar container as shown.

72,208. SHOE SOLE. JAMES E. GROSJEAN, Lima, Ohio. Filed Oct. 11, 1926. Serial No. 19,294. Term of patent 7 years.



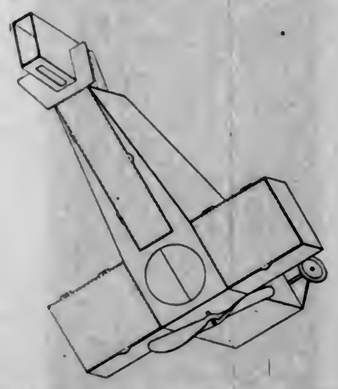
The ornamental design for a shoe sole, as shown.

72,209. PLATE OR SIMILAR ARTICLE. AUGUST HASHAGEN, New York, N. Y., assignor to The Alliance Vitrified China Company, Alliance, Ohio, a Corporation of Ohio. Filed Dec. 9, 1926. Serial No. 19,995. Term of patent 3½ years.



The ornamental design for a plate or similar article, as shown.

72,210. SMOKER'S SET. LEONARD H. HERSKOVITZ, New York, N. Y. Filed June 30, 1926. Serial No. 18,215. Term of patent 7 years.



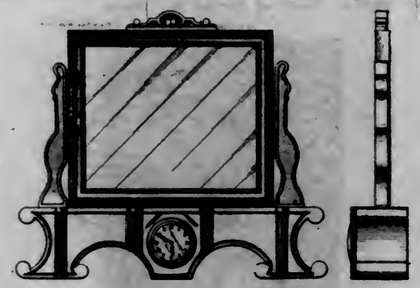
The ornamental design for a smoker's set substantially as shown.

72,211. PICTURE MOUNTING. WILLIAM J. HELMQUEST, San Francisco, Calif., assignor to California Card Manufacturing Company, San Francisco, Calif., a Corporation of California. Filed Dec. 6, 1926. Serial No. 19,944. Term of patent 7 years.



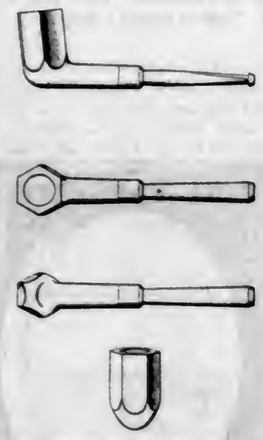
The ornamental design for picture mounting, substantially as shown.

72,212. COMBINED PICTURE FRAME AND STAND THEREFOR. MICHAEL LESKIEWICZ and WOJCIECH BARTKOWIAK, Chicago, Ill. Filed Nov. 29, 1926. Serial No. 19,878. Term of patent 14 years.



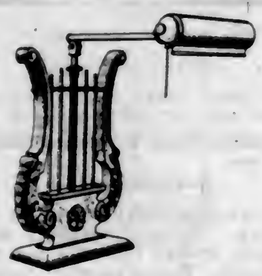
The ornamental design for a combined picture frame and stand therefor, as shown.

72,213. TOBACCO PIPE. WILLIAM H. LEWIS, New York, N. Y. Filed June 2, 1926. Serial No. 17,923. Term of patent 3½ years.



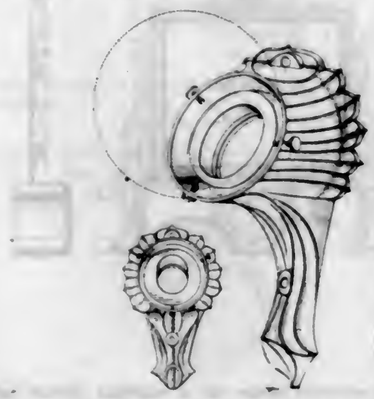
The ornamental design for a tobacco pipe, as shown.

72,214. LAMP. JOSEPH LIEBERMAN, Bayonne, N. J. Filed Dec. 16, 1926. Serial No. 20,062. Term of patent 7 years.



The ornamental design for a lamp as shown.

72,215. ELECTRIC-LIGHT FIXTURE. GEORGE LIPSCHUTZ, Philadelphia, Pa. Filed Jan. 4, 1927. Serial No. 20,278. Term of patent 3½ years.



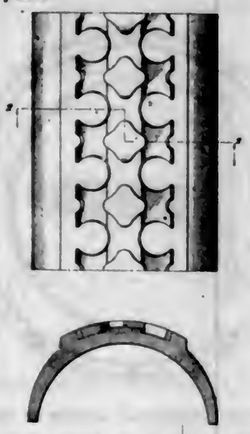
The ornamental design for an electric light fixture as shown.

72,216. GOBLET. VIRGIL V. LOOMIS, Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 20, 1926. Serial No. 19,127. Term of patent 14 years.



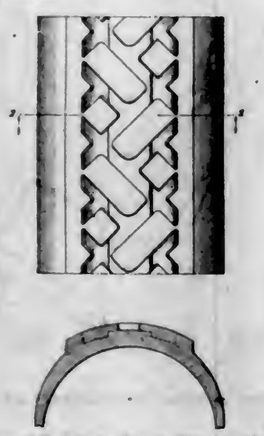
The ornamental design for a goblet, substantially as shown.

72,217. TIRE. ANDRÉ JULES MICHELIN, Paris, France. Filed Jan. 6, 1927. Serial No. 20,290. Term of patent 14 years.



The ornamental design for a tire as shown.

72,218. TIRE. ANDRÉ JULES MICHELIN, Paris, France. Filed Jan. 6, 1927. Serial No. 20,291. Term of patent 14 years.



The ornamental design for a tire as shown.

72,219. LACE DOILY OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,075. Term of patent 3½ years.



The ornamental design for a lace doily or the like, substantially as shown.

72,220. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,076. Term of patent 3½ years.



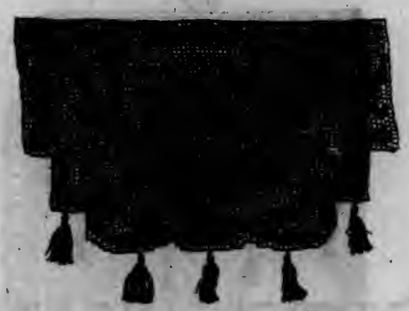
The ornamental design for a lace mat or the like, substantially as shown.

72,221. LACE TABLE COVER OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,078. Term of patent 3½ years.



The ornamental design for a lace table cover or the like, substantially as shown.

72,222. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,080. Term of patent 3½ years.



The ornamental design for a lace mat or the like, substantially as shown.

72,223. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,081. Term of patent 3½ years.



The ornamental design for a lace mat or the like, substantially as shown.

72,224. LACE SCARF OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,082. Term of patent 7 years.



The ornamental design for a lace scarf or the like, substantially as shown and described.

72,225. LACE MAT OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,083. Term of patent 3½ years.



The ornamental design for a lace mat or the like, substantially as shown.

72,226. LACE TRAY COVER OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,084. Term of patent 3½ years.



The ornamental design for a lace tray cover or the like, substantially as shown.

72,227. LACE COVER OR SIMILAR ARTICLE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,178. Term of patent 7 years.



The ornamental design for a lace cover or similar article, substantially as shown and described.

72,228. LACE COVER OR SIMILAR ARTICLE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,179. Term of patent 7 years.



The ornamental design for a lace cover or similar article, substantially as shown and described.

72,229. LACE COVER OR SIMILAR ARTICLE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,180. Term of patent 3½ years.



The ornamental design for a lace cover or similar article substantially as shown and described.

72,230. LACE COVER OR SIMILAR ARTICLE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,181. Term of patent 7 years.



The ornamental design for a lace cover or similar article, substantially as shown and described.

72,231. LACE COVER OR SIMILAR ARTICLE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,182. Term of patent 3½ years.



The ornamental design for a lace cover or similar article, substantially as shown and described.

72,232. LACE COVER OR SIMILAR ARTICLE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,183. Term of patent 3½ years.



The ornamental design for a lace cover or similar article substantially as shown.

72,233. LACE COVER OR SIMILAR ARTICLE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,185. Term of patent 3½ years.



The ornamental design for a lace cover or similar article substantially as shown and described.

72,234. LACE COVER OR SIMILAR ARTICLE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,186. Term of patent 3½ years.



The ornamental design for a lace cover or similar article, substantially as shown and described.

72,235. LACE SCARF OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,073. Term of patent 7 years.



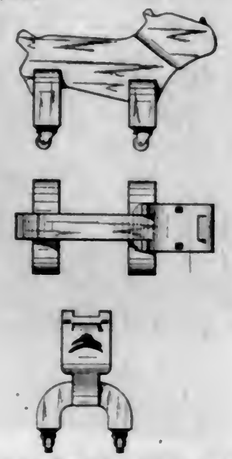
The ornamental design for a lace scarf or the like, substantially as shown and described.

72,236. DOOR KNOCKER. ROSA MAY PICKARD, Wilmette, Ill. Filed Sept. 13, 1926. Serial No. 19,043. Term of patent 7 years.



The ornamental design for a door knocker as shown.

72,237. TOY DOG. NEAL W. PLOOSTER, Minneapolis, Minn. Filed Aug. 6, 1926. Serial No. 18,625. Term of patent 7 years.



The ornamental design for a toy dog, as shown.

72,238. LIGHTING-FIXTURE BACKPLATE. GEDALIA RABINOWITZ, Arverne, N. Y., assignor to Venus Lighting Fixture Corporation, a Corporation of New York. Filed Jan. 12, 1927. Serial No. 20,357. Term of patent 3½ years.



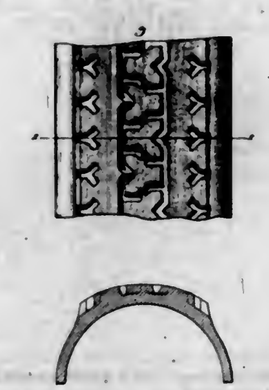
The ornamental design for a lighting fixture backplate substantially as shown and described.

72,239. KNITTED CAP. SAMUEL S. SAMPLINER, Cleveland, Ohio, assignor to The Rich-Sampliner Knitting Mills Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 29, 1926. Serial No. 19,865. Term of patent 14 years.



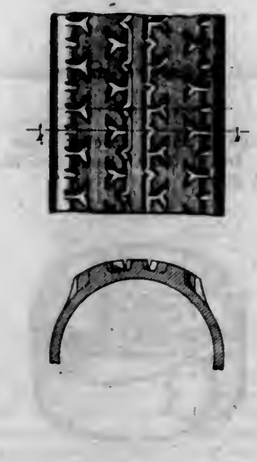
The ornamental design for a knitted cap, as shown and described.

72,240. TIRE. EDWARD M. SEARS, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Dec. 31, 1926. Serial No. 20,254. Term of patent 14 years.



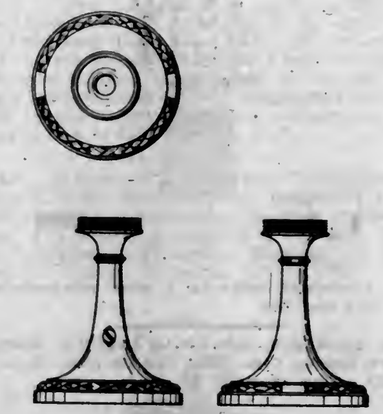
The ornamental design for a tire as shown.

72,241. TIRE. EDWARD M. SEARS, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Jan. 15, 1927. Serial No. 20,398. Term of patent 14 years.



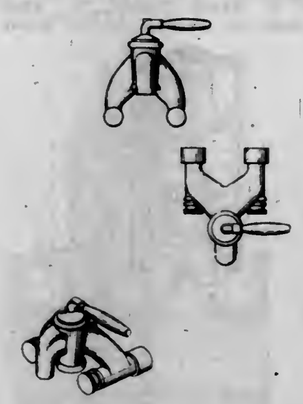
The ornamental design for a tire as shown.

72,242. DISPLAY PEDESTAL. EMORY P. SEIDEL, River Forest, Ill., assignor to Stover Signal Engineering Company, Racine, Wis., a Corporation of Delaware. Filed Dec. 11, 1926. Serial No. 20,032. Term of patent 14 years.



The ornamental design for a display pedestal, substantially as shown.

72,243. SPIGOT. MORRIS SHOEB, Philadelphia, Pa., assignor to Sanitary Refrigerator Corporation, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 21, 1926. Serial No. 16,192. Term of patent 7 years.



The ornamental design for a spigot as shown.

72,244. DRESS. MAUDE SIEGEL, New York, N. Y., assignor to Franklin Simon & Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 13, 1927. Serial No. 20,363. Term of patent 3½ years.



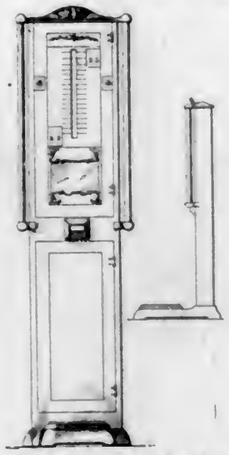
The ornamental design for a dress, substantially as shown and described.

72,245. BOOK END OR SIMILAR ARTICLE. BESSIE N. SKIFF, Boulder, Colo. Filed Nov. 22, 1926. Serial No. 19,811. Term of patent 3½ years.



The ornamental design for a book end or similar article as shown.

72,246. CASING FOR A WEIGHT-PRINTING MACHINE. VINCENT F. SLEZAK, Chicago, Ill. Filed Oct. 25, 1926. Serial No. 19,481. Term of patent 14 years.



The ornamental design for a casing for a weight printing machine, substantially as shown.

72,247. GOBLET OR SIMILAR ARTICLE. JULES H. VENON, New York, N. Y. Filed Jan. 6, 1927. Serial No. 20,293. Term of patent 14 years.



The ornamental design for a goblet or similar article, as shown and described.

72,248. CUP OR SIMILAR ARTICLE. CHARLES HENRY WALKER, East Liverpool, Ohio. Filed Apr. 9, 1926. Serial No. 17,225. Term of patent 14 years.



The ornamental design for a cup or similar article as shown.

72,249. COSMETIC JAR. ALFONSO ORZO, New York, N. Y. Filed Dec. 7, 1926. Serial No. 19,056. Term of patent 14 years.

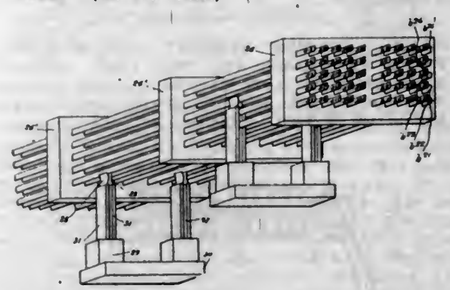


The ornamental design for a cosmetic jar as shown.

PATENTS

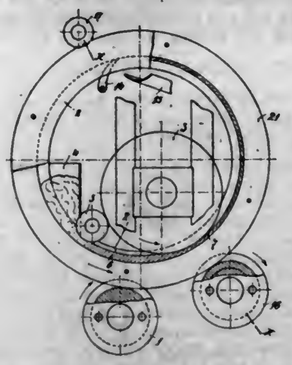
GRANTED MARCH 15, 1927.

1,620,620. SELECTOR FOR AUTOMATIC TELEPHONE EXCHANGES. GUIDO ALFANI, Firenze, and LEANDRO MAZZA, Genoa, Italy. Filed Mar. 31, 1922, Serial No. 548,389, and in Italy Apr. 1, 1921. 7 Claims. (Cl. 179—27.5.)



7. A selector system for automatic telephone exchanges comprising a frame; insulating supporting plates secured to said frame; a plurality of flat parallel bars mounted in said supporting plates; a combiner associated with said frame comprising a plurality of discs; controlled and controlling shafts mounted in said frame; a plurality of levers operated by said discs; a step magnet for operating said combiner and said controlling shaft; a change-over magnet for controlling the actuation of said combiner and said controlling shaft; means for moving said shafts simultaneously upon actuation of said step magnet to move said switch carrier laterally under said bars; and means for moving said switch carrier longitudinally in order that the contact elements may contact with said bars.

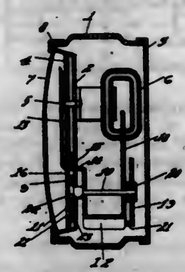
1,620,621. PRESS FOR MAKING BRIQUETTES. HUGO APPELBECK, Falkenau, Czechoslovakia. Filed Oct. 8, 1926, Serial No. 140,308, and in Germany Jan. 21, 1924. 6 Claims. (Cl. 25—21.)



2. A briquetting press, comprising a revoluble ring embodying two coordinate annular sections arranged face to face and conjointly providing between the adjacent inner faces of their rim portions an annular compression groove; means for feeding material to the groove; a rotary compressing disc mounted within and eccentrically of said ring and projecting conformably into said groove; and means for automatically moving the ring sections laterally away from and toward each other at certain points in the rotary travel of the ring.

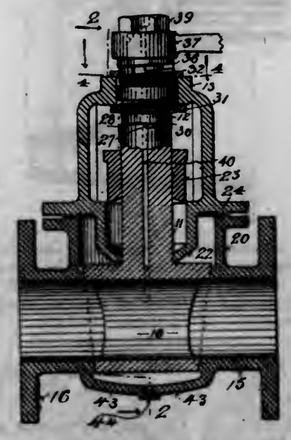
3. A briquetting press, comprising a revoluble ring embodying two coordinate annular sections arranged face to face and conjointly providing between the adjacent inner faces of their rim portions an annular compression groove; means for feeding material to the groove; a rotary compressing disc mounted within and eccentrically of said ring and projecting conformably into said groove; and a roller engaging the periphery of the ring and having a circumferential collar of wedge-section which is adapted to project between the said adjacent faces of the ring sections to force the latter apart.

1,620,622. ELECTRICAL MEASURING INSTRUMENT. RALPH G. ABEY, Worcester, Mass., assignor to Lundquist Tool and Manufacturing Company, Worcester, Mass., a Copartnership consisting of August F. Lundquist and Einar B. Lundquist. Filed May 17, 1926. Serial No. 109,626. 3 Claims. (Cl. 171—95.)



1. An electrical measuring instrument comprising a fixed scale, a conductive coil, an arbor, an armature, rotatable on said arbor, carrying a pointer, a spring rigidly connected at its ends to said arbor and said armature opposing the pull of said coil adapted to bias said pointer toward the zero of the scale, and means accessible from the front of the scale for angularly adjusting said arbor to bring said pointer on the zero of the scale.

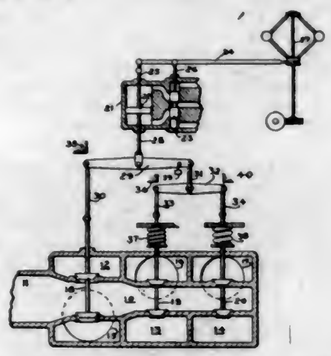
1,620,623. PLUG COCK. THOMAS HERIOT ADDIE, Philadelphia, Pa. Filed June 23, 1925. Serial No. 38,997. 1 Claim. (Cl. 251—97.)



A plug valve comprising a valve coupling having a plug seat, a plug fitting in said seat, a stem on said plug, a yoke having a bushing for engaging the stem at

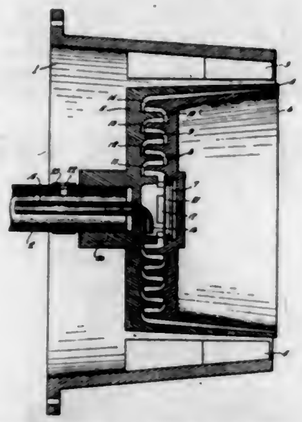
a distance from the plug, means for adjusting said bushing and means for vertically adjusting the plug as it is opened or closed.

1,620,624. TURBINE VALVE. ROBERT C. ALLEN, Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 5, 1923. Serial No. 673,033. 10 Claims. (Cl. 137—158.)



6. A valve mechanism comprising a plurality of valves, a link connected to said valves, a motor device connected to said link for opening and closing said valves, and means for limiting opening movement of one of said valves and constituting a fulcrum for the link so that the full force of said motor will be applied to at least one other valve.

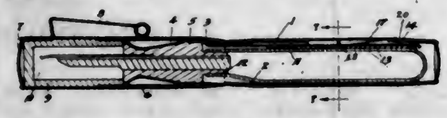
1,620,625. OIL ATOMIZER. JOSEPH J. BABKA, Berwyn, Ill. Filed Oct. 13, 1923. Serial No. 668,268. 11 Claims. (Cl. 158—77.)



1. In an oil atomizer, a cup shaped member having a series of annular flanges on the inside thereof, and a second cup shaped member positioned inside said first member and having a series of annular flanges on the outside thereof.

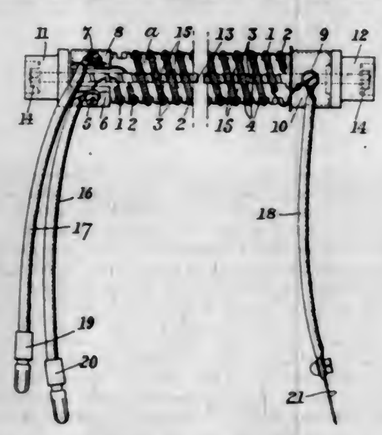
1,620,626. FOUNTAIN PEN. WALTER F. BENSON, Fort Madison, Iowa. Filed Apr. 23, 1925. Serial No. 25,392. 5 Claims. (Cl. 120—46.)

1. In a fountain pen the combination with a barrel of a pressure bar spring mounted therein, a pressure bar carried at one end of said spring, a lever mounted in hinged relation with said barrel, said lever having means for engaging said spring and also means for engaging said pressure bar, the coaction of said means being



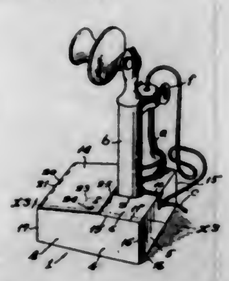
operative to depress said pressure bar, the end thereof joined with said spring being depressed ahead of the free end thereof.

1,620,627. HEATING ELEMENT FOR ELECTRIC FIRES, RADIATORS, AND THE LIKE. HERBERT HENRY BERRY and JAMES WATT REID, London, England. Filed Apr. 5, 1926, Serial No. 100,004, and in Great Britain Apr. 6, 1925. 2 Claims. (Cl. 219—19.)



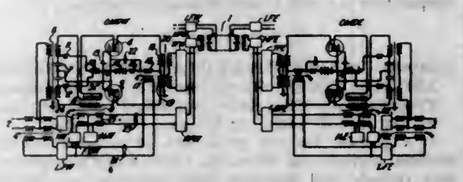
1. A heating element for an electric fire or radiator comprising a tubular central bar grooved longitudinally and with two start helical grooves, separate resistance wires in the helical grooves, separate metal plates, one for each wire at one end of the bar, a block of insulating material for holding the metal plates to the bar and a bolt having a nut and passing completely through the bar and the block for holding the block to the bar.

1,620,628. TELEPHONE LOCK. EBRON CARL BETH, Los Angeles, Calif. Filed Jan. 5, 1926. Serial No. 79,305. 6 Claims. (Cl. 179—189.)



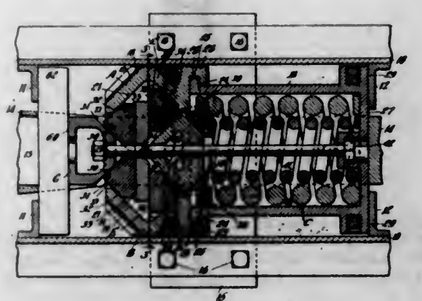
1. A telephone lock comprising a receptacle for the base and dial mechanism of an automatic desk telephone; a cover to said receptacle provided with an opening to accommodate the column of a desk telephone, said cover being adapted to admit a telephone base and dial and to terminate slightly above the top of the dial; and means to lock said cover to the receptacle.

1,620,629. CARRIER-WAVE SIGNALING SYSTEM. HAROLD S. BLACK, Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 13, 1924. Serial No. 755,628. 13 Claims. (Cl. 179—15.)



1. In a two-way carrier wave signaling system, a station comprising means for generating a carrier wave, means for generating a modulating wave, means for modulating said carrier wave in accordance with said modulating wave, means for selecting from the wave of the modulator components including a single side band and for transmitting said components, and means for demodulating an incoming side band having the same carrier frequency but of opposite sign to the transmitted side band, said carrier current generating, modulating, and demodulating means employing a common electric discharge structure.

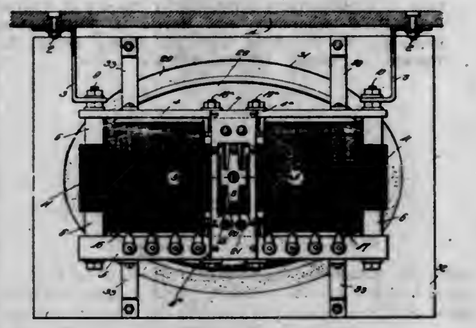
1,620,630. FRICTION SHOCK-ABSORBING MECHANISM. ARILD M. BRENNE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Feb. 9, 1923. Serial No. 617,941. 14 Claims. (Cl. 213—22.)



1. In a friction shock absorbing mechanism, the combination with a rigid shell having a set of inwardly converging and a set of inwardly diverging wedge faces on the interior thereof; of a follower acting means, said means and shell being relatively movable toward and away from each other; a spring resistance; and a multiple wedge system, including a plurality of wedges some of which have wedge faces co-acting with said first named set of wedge faces and others of which have wedge faces co-acting with said second named set of wedge faces, a wedge block and a combined wedge and spring follower, said wedge block being movable with said follower acting means and having wedging engagement with certain of said wedges, and said spring follower having wedging engagement with the remaining wedges.

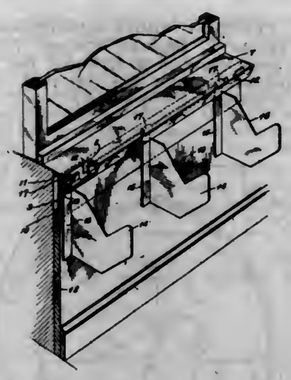
1,620,631. ELECTROMAGNETIC SOUND REPRODUCER. CYRIL A. BRIGHAM, East Orange, N. J., assignor to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Sept. 13, 1926. Serial No. 135,192. 8 Claims. (Cl. 179—114.)

1. In an electromagnetic sound reproducing apparatus an electromagnetic field system including a plurality of pole pieces directed toward each other and separated by a gap, a pair of conductive members positioned over said pole pieces forming substantially parallel walls, a flat coil member resiliently suspended between said parallel walls, a sound reproducing diaphragm mechanically connected



with said flat coil member, said coil member being energized by variable signal currents for the setting up of mechanical vibrations in a direction substantially normal to the direction of said pole pieces whereby corresponding vibrations are imparted to said sound reproducing diaphragm.

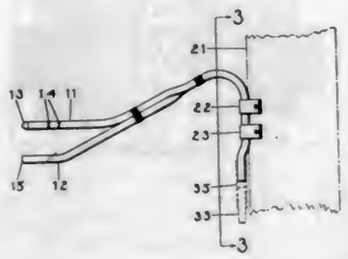
1,620,632. SUPPORT FOR RADIATORS AND THE LIKE. JOSEPH F. BRODERICK, Springdale, Conn. Filed Oct. 27, 1925. Serial No. 65,216. 3 Claims. (Cl. 248—17.)



1. In a device of the character described, the combination, with a sheet-metal plate adapted to provide a window-sill or the like, said plate being bent to provide a longitudinal channel extending the length thereof with the edge of said plate projecting vertically into said channel and forming a track-rail, of a sheet metal bracket having a substantially rigid, vertical, outwardly projecting plate provided at its upper edge with means adapted to engage a radiator member for radiator support, said bracket also having a rectangular flange at its supported edge, said flange projecting upwardly beyond the upper edge of said bracket and being provided at its upper end with a hook adapted to engage said rail and be slidable

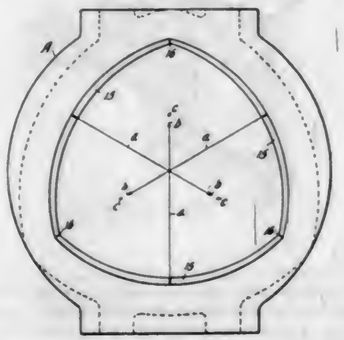
thereon, and said plate being provided with a bottom opening connecting with the channel to afford access for said hook to the interior of said channel in position for slidable engagement with said rail.

1,620,633. PITOT-STATIC TUBE. CHARLES H. COLVIN, Brooklyn, N. Y., assignor to Pioneer Instrument Company, a Copartnership consisting of Charles H. Colvin, Brice H. Goldsborough, and Morris M. Titterington, Brooklyn, N. Y. Filed Apr. 16, 1924. Serial No. 706,990. 4 Claims. (Cl. 73—167.)



1. A Pitot-static tube, comprising in combination, two tubes which throughout a part of their length are straight, parallel and spaced apart, and which throughout a second part of their length are adjacent and each bent upon substantially the same radius, and which throughout a third part of their length are straight, parallel and adjacent, said tubes being soft throughout said second part and said third part being at an angle to said first part, and said second part forming an angularly adjustable connection between said first part and said third part.

1,620,634. FRICTION SHOCK-ABSORBING MECHANISM. ARNOLD E. DENTLER, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Mar. 15, 1923. Serial No. 625,192. 7 Claims. (Cl. 213—32.)



1. As an article of manufacture, a friction shell for shock absorbing mechanisms, said shell having a plurality of interior, longitudinally extending, independent, cylindric friction surfaces converged inwardly of the shell, each said surface being formed on a radius of greater length than the distance from any point thereof to the longitudinal axis of the shell.

1,620,635. FUEL OIL. FRANK L. DIETZ, Brooklyn, N. Y. Filed Jan. 3, 1922. Serial No. 526,656. 2 Claims. (Cl. 44—9.)

1. A fuel oil for the generation of power in explosion engines, consisting of low temperature tar, an alcohol acting as agent to prevent the solidification of such low temperature tar, and a naphthalenetetrahydride.

1,620,636. MANUFACTURE OF ARTIFICIAL THREADS AND FILAMENTS. HENRY DREYFUS, London, England. Filed Feb. 25, 1924, Serial No. 695,117, and in Great Britain Mar. 7, 1923. 12 Claims. (Cl. 18—54.)

1. A process for the production of cellulose acetate artificial threads and filaments, which comprises spinning said threads and filaments from solutions of cellulose acetates which cellulose acetates have viscosities of not less than 50, reckoned as aforesaid, said spinning solutions being of concentrations between about 4% and 20%.

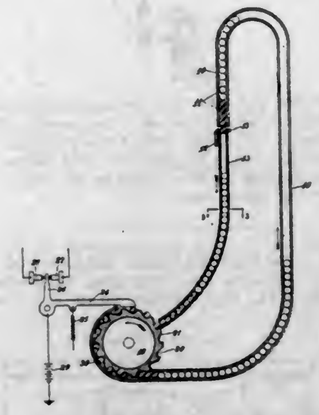
1,620,637. BUILT-IN TELEPHONE CABINET. GEORGE EVANS, El Paso, Tex., assignor to El Paso Sash and Door Company, El Paso, Tex. Filed Sept. 8, 1926. Serial No. 134,208. 2 Claims. (Cl. 211—7.)



1. A built-in telephone cabinet comprising a casing adapted to be set into a wall of a room and means dividing said casing into three compartments arranged one above the other, the upper compartment adapted to contain the bell, the intermediate compartment adapted to receive the telephone, and the lower compartment receiving a bin like member which is hinged at its lower end to the front of the casing and swings to open position to permit access thereto and to provide a support for the telephone.

1,620,638. METHOD OF AND DEVICE FOR TRANSMITTING ELECTRIC IMPULSES. ERNEST A. FALLER and EDWARD E. KLEINSCHMIDT, Brooklyn, N. Y., assignors, by mesne assignments, to Morkrum-Kleinschmidt Corporation, Chicago, Ill., a Corporation of Delaware. Filed Dec. 10, 1921. Serial No. 521,394. 15 Claims. (Cl. 178—17.5.)

1. Apparatus for transmitting electrical impulses comprising contact carrying means, contact operating means, a plurality of paths of movement in each of which said contact operating means may be caused to move in a manner to cause variable operation of said contact carrying means, and means for selectively compelling movement



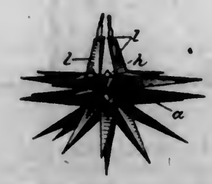
of said contact operating means into one or the other of said paths in accordance with the nature of the impulses to be transmitted.

1,620,639. TRITURATING MACHINE. ADINO F. FILES, Maumee, Ohio. Filed Nov. 12, 1926. Serial No. 147,864. 3 Claims. (Cl. 83—9.)



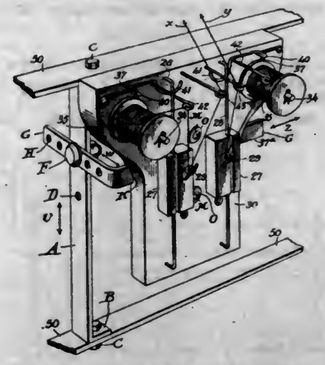
1. In a triturating machine a pair of unconnected rollers, a drum, each end of the drum having a slot in its peripheral portions, the rollers having hubs that extend into the slots for guiding the rollers and means for rotating the drum.

1,620,640. COLLAPSIBLE LANTERN. KUAT KARL FRIEDRICH, Annaberg im Erzgebirge, Germany. Filed Mar. 10, 1926, Serial No. 93,637, and in Germany May 23, 1925. 6 Claims. (Cl. 240—36.)



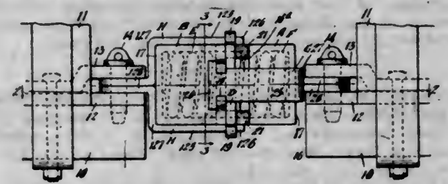
1. Foldable illumination lantern comprising two rows of foldable pyramids, the pyramids in each row being foldably joined by their adjoining edges and the two rows being joined by their common edge, a frustrum of a pyramid at one end of each row and a foldable pyramid foldably joined to the free edge of one pyramid of each row.

1,620,641. LET OFF DEVICE. THEODORE J. GARISIO, Allentown, Pa. Filed Apr. 14, 1926. Serial No. 101,976. 5 Claims. (Cl. 139—54.)



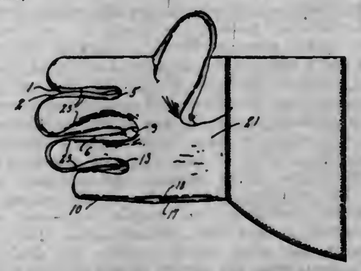
1. A let-off for intermediate selvage devices comprising a frame carrying a pair of take-up devices and final thread guides adjacent one another, and means to bodily adjust the frame in three rectangular directions.

1,620,642. RESILIENT SHACKLE. WILLIAM A. GEIGER, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Sept. 19, 1923. Serial No. 663,684. 7 Claims. (Cl. 213—48.)



1. In a resilient shackle, the combination with relatively movable casings; of tandem arranged yieldable units within said casings; followers interposed between said units, each of said followers being held by one of the casings and movable with respect to the other casing; oppositely arranged yokes adapted to be connected at their outer ends to adjacent vehicles, and each having its inner end connected to the casing remote from said yoke so as to permit movement of each yoke toward the casing to which it is connected and restrain relative movement with respect thereto in the opposite direction.

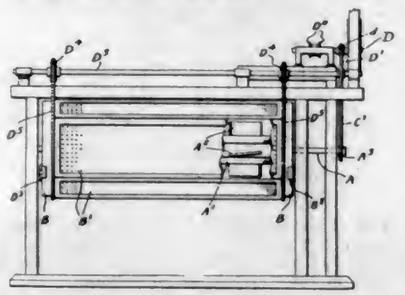
1,620,643. GLOVE. HERMAN GILLIAN, Columbus, Ohio. Filed May 3, 1926. Serial No. 106,263. 1 Claim. (Cl. 2—161.)



A glove having a one-piece wear facing front having integral palm and finger portions, a plurality of finger back wear facings terminating from the finger tips in the region of the crotches for the fingers, a one-piece lining front having integral palm and finger portions, and a one-

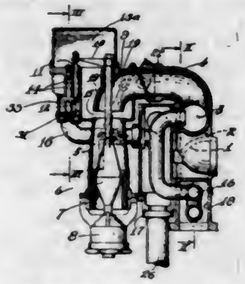
piece lining back having integral hand back and finger portions, a plurality of the finger back wear facings being stitched together to form a unit, said linings being stitched together at the tips of the fingers only.

1,620,644. METHOD OF HULLING GREEN PEAS. JOHN GOFFIN, Niagara Falls, N. Y., assignor to Chisholm-Ryder Co. Inc., Niagara Falls, N. Y., a Corporation of New York. Filed Jan. 8, 1925. Serial No. 1,205. 3 Claims. (Cl. 130—30.)



1. The improvement in the method of vining green peas in which the vines are carried to an elevated position and subjected to impact in falling, which consists in lifting the vines at a definite rate measured in quantity of vines and, during the vining operation, varying the speed of movement of the impacting elements according to the quality of the green peas to be acted upon and independently of the rate at which the vines are lifted.

1,620,645. FUEL-SUPPLY MEANS FOR COMBUSTION ENGINES. JOHN GOOD, Brooklyn, N. Y., assignor to Good Inventions Co., Brooklyn, N. Y., a Corporation of New York. Filed Nov. 16, 1916. Serial No. 131,613. 6 Claims. (Cl. 261—13.)



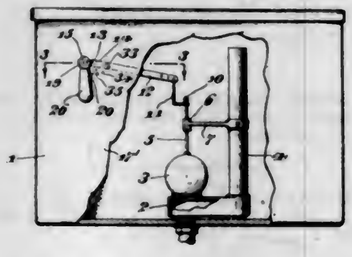
2. The combination with an internal combustion engine and an exhaust passage therefrom, of two branch or parallel intake passages having a common outlet to the engine and a common air entrance, a source of liquid fuel having an outlet into one of said passages, an air actuated control body located in said common entrance whereby it is actuated by the air flow of both intake passages, means controlled by the actuation of said body for controlling the delivery of fuel from said outlet, a throttle in each branch intake passage, and manually operable means for actuating said throttles to control the engine, said means including a lost motion connection whereby the throttle in said fuel passage opens ahead of the throttle in the other branch passage and moves to its closed position after the throttle in said other passage, said branch fuel passage being contained in said exhaust passage and being of such size or capacity that the engine suction maintains an air flow therethrough sufficient to maintain the delivery of fuel to the engine regardless of the freedom of flow in the other branch passage.

1,620,646. WINDOW. CHARLES T. E. GOULD, Detroit, Mich. Filed Oct. 19, 1925. Serial No. 63,341. 8 Claims. (Cl. 16—124.)



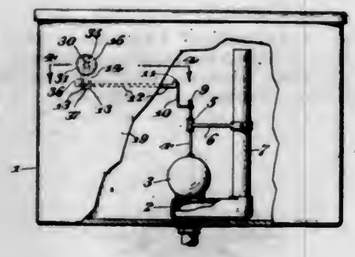
1. A window provided with an upper sash and a lower sash slidable vertically relative to one another, the upper sash having a ventilating hole formed through its side bar; a box-like closure for said hole, said closure forming a shoulder adapted to be engaged by the fingers to raise and lower the upper sash.

1,620,647. VALVE-OPERATING MEANS FOR FLUSH TANKS. WILLIAM U. GRIFFITHS, Philadelphia, Pa. Filed Mar. 24, 1926. Serial No. 96,625. 6 Claims. (Cl. 4—67.)



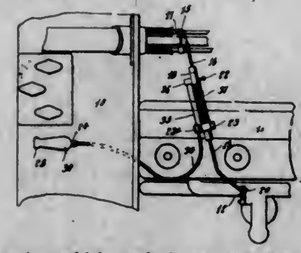
1. In means of the character described, the combination of a rotatable shaft, a lever extending transversely of said shaft and having connection thereto at a point a distance from the axis thereof, a pivotally movable fulcrum having engagement with the said lever at an intermediate portion thereof, and means for causing rotation of said shaft to effect longitudinal and pivotal movements of the said lever.

1,620,648. MEANS FOR ACTUATING FLUSH-TANK VALVES. WILLIAM U. GRIFFITHS, Philadelphia, Pa. Filed Mar. 24, 1926. Serial No. 96,927. 4 Claims. (Cl. 4—67.)



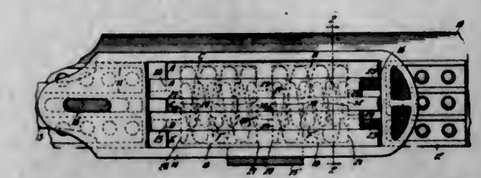
1. In means for actuating a flush tank valve, the combination of a rotatable shaft having an inwardly extending arm and also having an upwardly extending arm, the latter being provided with an opening therethrough adjacent its upper end, means for connecting the first named arm to the valve to be actuated, a bearing for the said shaft mounted upon a side of the said tank, and a reciprocatory rod extending through and supported by the said side of the tank and having its inner end extended through and slidably engaged with the opening in the second named arm, substantially as described.

1,620,649. ACCELERATOR ATTACHMENT. PHILIP LEO HARTZ, Akron, Ohio. Filed Nov. 13, 1926. Serial No. 148,206. 9 Claims. (Cl. 74—39.)



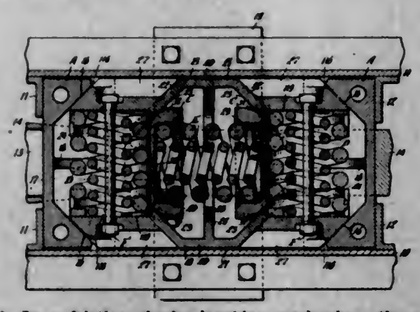
1. In a motor vehicle, a fuel control valve located on one side of the vehicle engine and having an operating arm movable away from the engine to open the valve, a hand operating rod on the opposite side of the engine and having a crank arm movable from its normal position toward the engine, a series of mechanical elements connecting the operating arm to the crank arm for causing the movement of the crank arm to push through the entire series of mechanical elements to open the valve, a pedal, and means connecting the pedal to a portion of said series of elements and operative to cause the depression of said pedal to produce a push upon said portion of the series of elements to open the valve.

1,620,650. SHOCK-ABSORBING MECHANISM. STACY B. HASELTINE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Apr. 19, 1923. Serial No. 633,048. 13 Claims. (Cl. 213—48.)



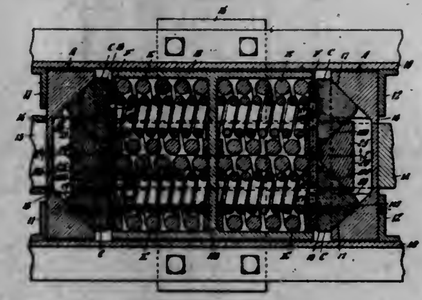
1. In a shock absorbing mechanism, the combination with a plurality of pressure-transmitting elements having recesses therein, said elements being of equal length and alternated, and the front and rear ends of adjacent elements being staggered; of cushioning means enclosed within said recesses and opposing relative movement of said elements.

1,620,651. FRICTION SHOCK-ABSORBING MECHANISM. STACY B. HASELTINE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Jan. 7, 1924. Serial No. 684,692. 5 Claims. (Cl. 213—39.)



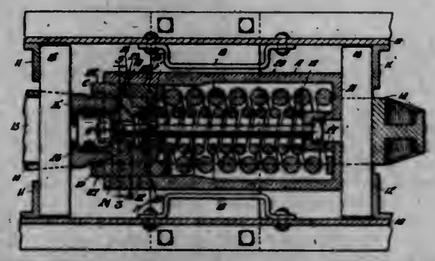
1. In a friction shock absorbing mechanism, the combination with front and rear followers each having wedge means thereon; of a pair of side members having friction faces coacting with the wedge faces of said followers; cushioning means directly engaging said members, said cushioning means being interposed therebetween; additional cushioning means interposed between said members; and follower means co-acting with said last named cushioning means, said follower means and side members having co-acting friction wedge faces thereon.

1,620,652. FRICTION SHOCK-ABSORBING MECHANISM. STACY B. HASELTINE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Jan. 21, 1924. Serial No. 687,529. 13 Claims. (Cl. 213—22.)



1. In a friction shock absorbing mechanism, including a drawbar and a yoke, the combination with an auxiliary yoke mounted within and extending longitudinally of said first named yoke; of movement resisting mechanism coacting with and supported by said first named yoke and supporting said auxiliary yoke independently thereof, said movement resisting mechanism including wedge members coacting with the opposite ends of said auxiliary yoke.

1,620,653. FRICTION SHOCK-ABSORBING MECHANISM. STACY B. HASELTINE, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a Corporation of Delaware. Filed Aug. 13, 1926. Serial No. 128,951. 3 Claims. (Cl. 213—32.)

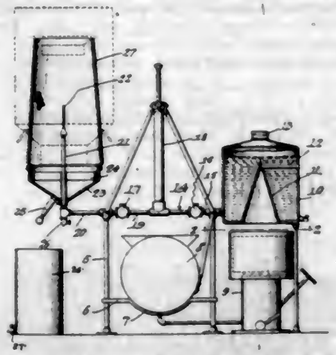


3. In a friction shock absorbing mechanism, the combination with a friction shell having interior friction surfaces, of a plurality of friction shoes co-operating with said surfaces; a main wedge co-operating with said shoes, a spring follower, said spring follower and shoes having co-operating wedge faces; and a main spring resistance, including an element opposing movement of said shoes independently of the remainder of said spring resistance.

1,620,654. HOT-WATER CAN WASHER. OLE K. HAUGEN, Hancock, Minn. Filed Nov. 15, 1924. Serial No. 750,172. 1 Claim. (Cl. 141—7.)

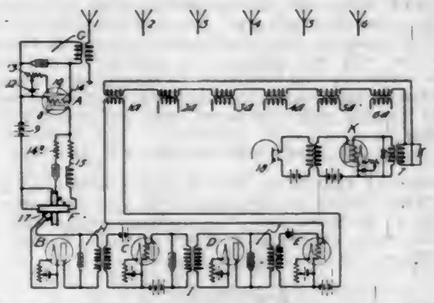
A can washer comprising a supporting frame including a pipe extending transversely of the frame, a water tank connected to one end of the pipe, a can support supported

at the opposite end of the pipe, a pipe extending upwardly through the can support and having a nozzle at its free end adapted to spray a can positioned on the can support,



a pump supported intermediate the ends of the first mentioned pipe, and in communication therewith, said pump adapted to draw liquid from the tank and force the liquid through the pipes and into the nozzle.

1,620,655. DIRECTIVE RADIO RECEIVING SYSTEM. RAYMOND A. HEISING, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 8, 1920. Serial No. 408,889. 16 Claims. (Cl. 250—11.)

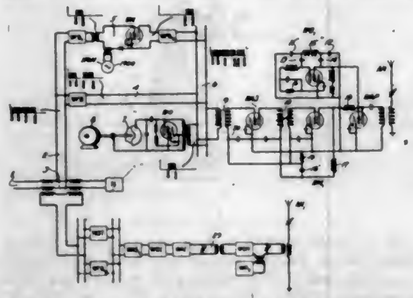


3. The method of eliminating undesired energy in a receiving system comprising a plurality of linearly arranged antennæ feeding, through individual receiving circuits, into a common detecting circuit, which consists in operating on the waves generated in the receiving antennæ to produce harmonics and selecting out a corresponding harmonic in each receiving circuit whereby there is effectively caused a phase shift in said waves in adjacent receiving circuits, and combining these harmonics in the common detecting circuit.

10. A radio receiving system comprising an array of linearly arranged, uniformly spaced antennæ more than two in number, a common detecting means, and means whereby the waves incident on said antennæ from a desired direction may act cumulatively on said detector to the substantial exclusion of waves from all other directions, the interval between adjacent antennæ being small as compared with one-half the wave length of the received waves.

1,620,656. CARRIER-WAVE SIGNALING SYSTEM. RAYMOND A. HEISING, Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 1, 1924. Serial No. 753,029. 5 Claims. (Cl. 250—36.)

1. A source of oscillations comprising an evacuated vessel containing a cathode, an anode and a third electrode, and an oscillation circuit having a capacitatively reactive path between said third electrode and said cathode and a separate capacitatively reactive path between said anode and said cathode; an electric discharge repeating device comprising at least two electrodes; means connecting said two electrodes to one of the pairs of electrodes



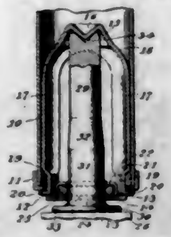
of said source between which there is a capacitatively reactive path; said source being designed to produce an energy output greater than would be required for efficient amplification of said output by said repeating device.

1,620,657. CASTER. WALTER F. HEROLD, Upper Montclair, N. J., assignor to The Bassick Company, Bridgeport, Conn., a Corporation of Connecticut. Filed Dec. 18, 1925. Serial No. 76,228. 6 Claims. (Cl. 16—39.)



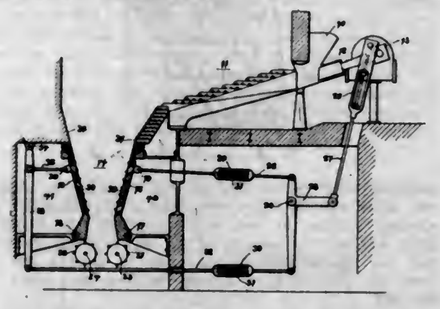
1. In a support, a spring frame adapted to be inserted in an opening in a furniture leg or the like, including a thrust bearing portion and side leg portions adapted to frictionally engage the interior of the furniture leg, a base member having a central pintle receiving opening and portions engaged by said side leg portions, said side leg portions being provided with inwardly offset end portions each having a lateral flange extending outwardly to retain said base member and adapted to engage directly beneath the lower end of said furniture leg, whereby thrust on said bearing portion is adapted to be transferred directly to said furniture leg.

1,620,658. CASTER. WALTER F. HEROLD, Upper Montclair, N. J., assignor to The Bassick Company, Bridgeport, Conn., a Corporation of Connecticut. Filed Dec. 18, 1925. Serial No. 76,229. 8 Claims. (Cl. 16—39.)



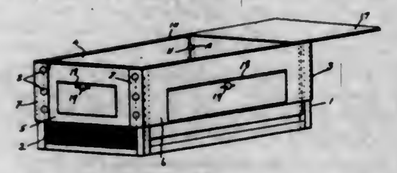
1. In a support, a floor engaging element including a pintle, an apertured spring retaining base adapted to be secured to a furniture leg or the like, and including a circumferential lateral confining portion and an axial confining portion constituting an annular pocket, and a spring ring loosely retained in said pocket, said ring adapted to grip said pintle and being rotatable therewith with respect to said base, the apertures of said base above and below said spring ring being of equal diameter and constituting pintle-bearing portions.

1,620,659. CLINKER GRINDER. FRANCIS HODGKINSON, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 12, 1921. Serial No. 460,789. 11 Claims. (Cl. 110—32.)



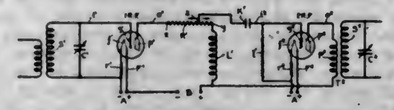
5. An ash discharging apparatus for stokers comprising a pair of oscillatory side walls, pivotally mounted at their lower ends to form an ash receptacle of variable horizontal section, the horizontal section being reduced intermediate the top and bottom, and means to oscillate said side walls to and from each other about their pivots.

1,620,660. ENVELOPE SHIELD FOR CRIB BEDS. MADELINE B. HOUSTON, Evanston, Ill. Filed Nov. 27, 1925. Serial No. 71,566. 3 Claims. (Cl. 5—93.)



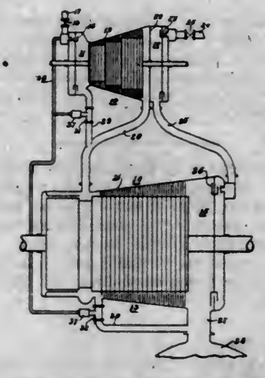
1. In an envelope shield for crib beds, the combination with a crib frame, of a box shaped bag made of suitable flexible material disposed within the crib and having its walls in close relation to the inner sides of the crib, a flexible strip united with the upper edges of said bag and adapted to lie upon the upper edges of the crib frame, individual flexible flaps united with said strip and depending therefrom and partially covering the outer sides and ends of the crib, the side flaps being extended lengthwise to provide overlapping end portions adapted to overlap the end flaps, and fastening devices mounted on the end flaps and the overlapping portions of the side flaps adapted to hold the shield in close relation to the crib.

1,620,661. RADIOFREQUENCY AMPLIFYING SYSTEM. LESTER L. JONES, Oradell, N. J. Filed Mar. 6, 1926. Serial No. 92,761. 10 Claims. (Cl. 179—171.)



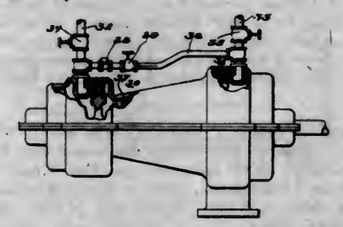
1. An amplifying system comprising a pair of electron discharge tubes, each having input and output circuits capacitively coupled through the electrostatic coupling of the tube elements, means for tuning the input circuit of the first tube, means for tuning the output circuit of the second tube, the output circuit of the first tube being connected by non-tunable means to the input circuit of the second tube, said non-tunable means comprising a coupling inductance and a resistance in the output circuit of the first tube for compensating for the feeding-back reaction due to said coupling inductance, a portion of said resistance being included in the input circuit of the second tube for substantially neutralizing the distant stage feed-back reaction of the tuned output circuit of the second tube on the tuned input circuit of the first tube.

1,620,662. TURBINE. ALEXANDER T. KASLEY, Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 12, 1923. Serial No. 631,671. 2 Claims. (Cl. 60—70.)



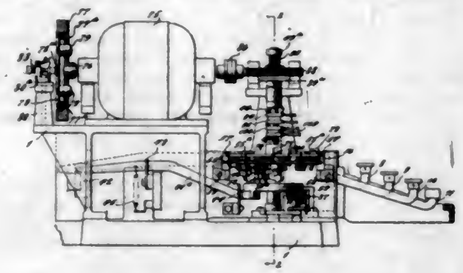
1. A turbine comprising an ahead section, an admission valve for said ahead section, a passage providing communication between the admission valve and the ahead section, a reversing section, a passage providing communication between the inlet and exhaust ends of the ahead section, a valve in the second-mentioned passage, means urging said valve to open position, pressure-responsive means for closing said valve, and means independent of the second-mentioned passage for providing communication between the first-mentioned passage and the pressure-responsive means.

1,620,663. TURBINE. ALEXANDER T. KASLEY, Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 12, 1923. Serial No. 631,672. 3 Claims. (Cl. 253—70.)



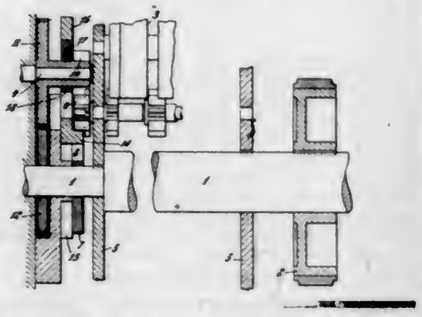
1. In a turbine installation, an ahead section which develops a pumping action when operating reversely, a reversing section, a conduit between the inlet ends of said sections, and a check valve in the conduit which opens in the direction of the inlet end of the ahead section, whereby, when the reversing section is in operation, steam is also supplied to the inlet end of the ahead section.

1,620,664. PRINTING TELEGRAPHY. EDWARD E. KLEINSCHMIDT, Brooklyn, N. Y., assignor, by mesne assignments, to Morkrum-Kleinschmidt Corporation, Chicago, Ill., a Corporation of Delaware. Filed Oct. 12, 1921. Serial No. 507,215. 31 Claims. (Cl. 178—17.5.)



1. A transmitter comprising a stationary storage member provided with a plurality of groups of circuit controllers, movable means for setting up combinations of said circuit controllers, and movable means for transmitting code impulses in accordance with the positions of said controllers.

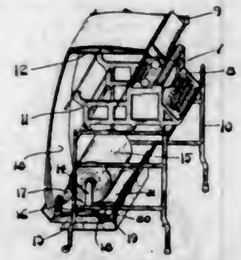
1,620,665. DRIVING DEVICE OF COUNTING MECHANISM IN MACHINES FOR FRANKING POSTAL MATTER AND THE LIKE. ULRICH KOHLER, Bern, Switzerland, assignor to Hasler A.-G. vormals Telegraphenwerkstätte von G. Hasler, Bern, Switzerland, a Swiss Corporation. Filed Sept. 8, 1926, Serial No. 134,214, and in Switzerland Sept. 14, 1925. 3 Claims. (Cl. 74—7.)



1. In a driving device of the character described, the combination with a shaft, of a locking disc mounted on said shaft and having a recess in its periphery, a plurality of pinions arranged to move about said disc and adapted to be locked thereby against rotation, except when opposite said recess, a slide movable radially in said recess and arranged to open and close the same, and a positively driven member carrying said slide.

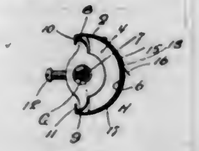
1,620,666. FEEDING DEVICE FOR ROLL STATIONERY. HARRY H. KONERMAN and ALPHONSE E. IMBUS, Cincinnati, Ohio, assignors to The Globe Register Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Sept. 3, 1925. Serial No. 54,276. 2 Claims. (Cl. 197—133.)

1. In combination with a record making device, a feeding device for roll stationery comprising a rack to support a roll of stationery beneath the record making device, substantially vertically slotted supports back of the rack, a roller mounted rotatively in the slots for substantially vertical movement therein, said record making device having a web carrying part located above and adapted to receive the web from the roll, said roll being so positioned that the web in its passage therefrom leaves the top of the roll, passes beneath the roller and upwardly to the web carrying part of the record making device, said web carrying part having reciprocatory movement in a direction transversely of the direction of web travel, movement of said part in one direction being



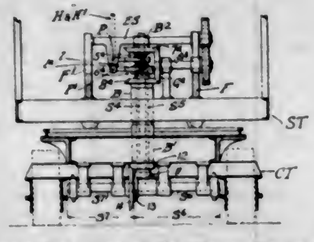
adapted to lift the vertical portion of said web, whereby the roller will be lifted, cessation of movement of said vertical portion of the web permitting the roller to drop, whereby the portion of the web between the roller and the roll will be drawn upon to unwind the web from the roll to form a loop between the roller and the roll.

1,620,667. DOLL'S EYES WITH LASHES. ALEXANDER KONOFF, New York, N. Y., assignor to Overland Metal Novelty Co. Inc., New York, N. Y., a Corporation of New York. Filed Mar. 20, 1925. Serial No. 17,102. 19 Claims. (Cl. 46—40.)



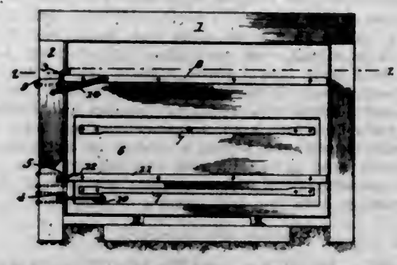
2. An eye structure comprising an eye shell, an eye lash member therefor, and gripping means including parts mechanically adjustable to cause the eye lash member to be gripped and held in position.

1,620,668. STEERING MECHANISM FOR CREEPER TRACTORS. LOUIS P. LIPPS, Cleveland, Ohio, assignor to The Brown Hoisting Machinery Company, Cleveland, Ohio, a Corporation. Filed Mar. 5, 1926. Serial No. 92,469. 1 Claim. (Cl. 180—9.2.)



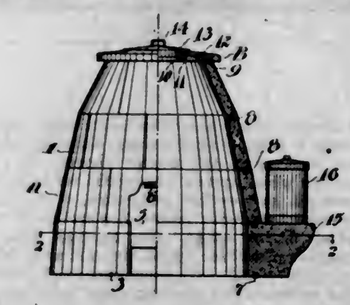
In a locomotive crane of the creeper tractor type, having a revolvable superstructure and a source of power thereon, the combination of a pair of concentrically arranged shafts extending vertically downward from said superstructure through the center of rotation of the same to and within the tractor frame below, a pair of right and left transversely aligned track-driving shafts extending inwardly from the sides of the frame to a point beneath the lower ends of said concentrically arranged shafts, a bevel gear on the inner end of each of said track-driving shafts, bevel pinions on the lower end of said concentrically arranged shafts in mesh, respectively, with the bevel gears on said inner ends of said track-driving shafts, a pair of spaced-apart horizontally disposed bevel gears of the same diameter provided with clutch-engaging means, freely mounted on the upper portions respectively of said concentrically arranged shafts, a power shaft operatively connected with said source of power extending to said interspace between said bevel gears on said upper portions, an upright bevel gear fixedly mounted on the free end of said power shaft in mesh with the bevel gears on said upper portions, double-faced clutch mechanisms slidably mounted on said upper portions, provided with means for clutch engagement, one with the other, or with the next adjoining or said horizontally disposed bevel gears, when contacting therewith for the purpose, together with means for selectively actuating said clutches into one or the other of such engagements, substantially as shown and described.

1,620,669. MINE DOOR. THOMAS EDWARD LITTLEJOHN, Lookout, W. Va. Filed June 16, 1926. Serial No. 116,428. 4 Claims. (Cl. 70—16.)



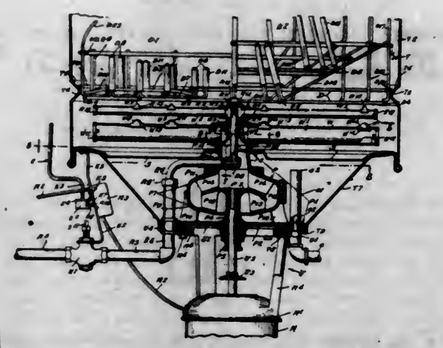
1. A mine door structure comprising a frame having a vertical upright, a hinge pintle mounted upon the upright, a U-bolt mounted upon the upright and having its intermediate portion in alinement with the pintle, other U-bolts mounted upon the upright and located one at each side of the line between the pintle and the intermediate portion of the first mentioned U-bolt, a door panel, a hinge member carried by the door panel and engaging the pintle, a loop member carried by the panel and engaging the intermediate portion of the first mentioned U-bolt and members applied to the sides of the door panel and provided with end portions extending beyond the edge thereof and having notches adapted to receive the second meationed U-bolts when the panel is swung with relation to the frame.

1,620,670. SECTIONAL CONCRETE ASH RECEPTACLE. MICHAEL A. MARSH, St. Paul, Minn. Filed Oct. 30, 1925. Serial No. 65,827. 1 Claim. (Cl. 220—5.)



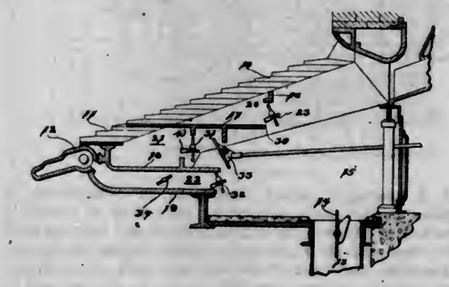
A receptacle of the character described, comprising a plurality of curved interlocking sections positioned in annular layers superposed one upon another, one of said sections having a protuberance thereon to form a shelf extending outwardly from the side of said receptacle, each of said sections having a groove in the upper edge thereof, and a tongue in the lower edge thereof to fit into the groove in the next lower row of interlocking sections and to terminate short of the bottom thereof, and an annular metal reinforcing ring insertible in the groove in the upper edges of each row of sections to bind said sections against outward displacement.

1,620,671. WASHING MACHINE. HENRY R. MERSELES, Bronxville, N. Y., assignor to Herbert E. Merseles, Bronxville, N. Y. Filed Aug. 17, 1922. Serial No. 582,396. 23 Claims. (Cl. 141—9.)



3. In a dish washing machine, a wash and rinse unit comprising a frame, a fluid projector rotatably mounted thereon, a second projector rotatably mounted on said first projector, and separate fluid conduits communicating with said projectors respectively.

1,620,672. AIR-CONTROL MEANS FOR MECHANICAL STOKERS. CHARLES F. MILLER, Moore, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed May 10, 1923. Serial No. 638,129. 5 Claims. (Cl. 110—44.)



3. The combination with a forced-draft stoker embodying a plurality of groups of tuyères, each group with its separate air supply duct, of means for establishing a pre-determined relation of air pressures at the respective tuyère groups, and means for restricting the air flow in at least one of the ducts when the air velocity tends to exceed a given pre-determined velocity.

1,620,673. DISPLAY CARTON. CHARLES C. MILLER, Fort Wayne, Ind. Filed July 26, 1926. Serial No. 124,792. 2 Claims. (Cl. 206—44.)



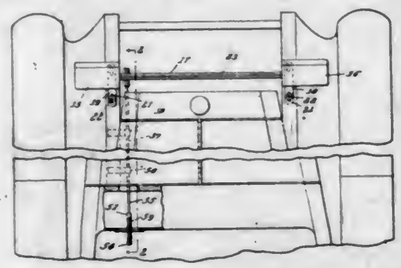
1. A display carton consisting of a receptacle portion and a cover portion having its top extended and secured to the bottom of the receptacle, a display panel secured to one wall of the receptacle and to the said top, and the cover being foldable on the said extension either over and onto the receptacle or under the receptacle to support it.

1,620,674. HANGER FOR EAR CLAMPS. GRACE VICTORIA MILLER, San Francisco, Calif. Filed Apr. 25, 1923. Serial No. 634,466. 2 Claims. (Cl. 63—4.)



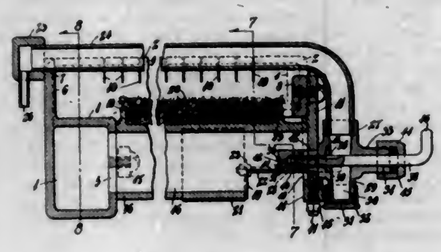
2. An earring comprising a lobe engaging loop having inner and outer arms, a lobe engaging member carried by the outer arm of the loop, an adjustable lobe gripping member carried by the inner arm of the loop, and an ear encircling guard loop having its shank swingingly connected with the inner arm of the lobe engaging loop.

1,620,675. HEADLIGHT CONTROL. THOMAS J. MOAN, Belvidere, Ill. Filed Apr. 7, 1924. Serial No. 704,581. 10 Claims. (Cl. 240—61.)



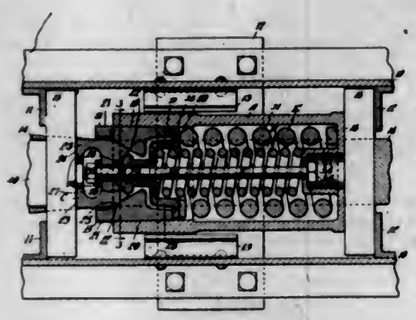
1. A headlight control comprising, in combination, a tubular casing, means supporting the casing so that it is rotatable about its longitudinal axis, a cap nut threaded onto each end of the casing, a light-supporting bracket mounted on each end of the casing, a pair of headlights each having a spindle mounted on one of the brackets to turn about a vertical axis, a shifting rod mounted in the casing to rotate therewith but being shiftable lengthwise with respect thereto, a coiled spring interposed between each end of said rod and the adjacent cap nut, a connection between each spindle and said rod for oscillating the spindle by lengthwise movement of the rod, and means for oscillating the casing to tilt the headlights vertically and for shifting said rod for swinging the headlights horizontally.

1,620,676. BURNER. JAMES H. NUTTER, Erlanger, Ky. Filed Mar. 12, 1925. Serial No. 15,033. 2 Claims. (Cl. 158—65.)



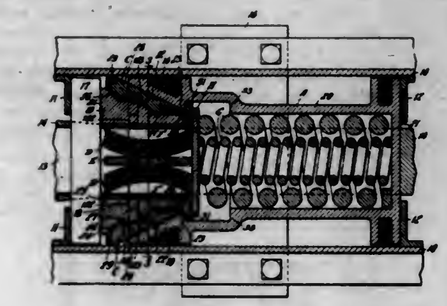
1. In a burner, a body comprising parallel laterally spaced distributing ducts closed at their front ends and a distributing head integral with the lower parts of the rear ends of said ducts, into which said ducts open downwardly, having an opening in its front below said ducts, said ducts having slots cut transversely in their tops, down into their lateral sides, a plate secured to said front ends of said ducts, depending therefrom and having an opening therebelow, a mixing chamber held between said plate and said head, in communication with the openings therein, and having a lateral air inlet, and a vaporizing tube having its rear end supported on said head, extending along over the space between said ducts and curving down into said opening in said plate.

1,620,677. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Feb. 12, 1923. Serial No. 618,449. 4 Claims. (Cl. 213—34.)



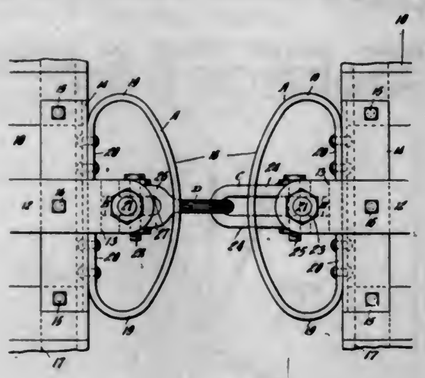
1. In a friction shock absorbing mechanism, the combination with a friction shell having inwardly converging friction surfaces on the interior thereof; of a friction generating wedge system co-operable with the shell friction surfaces, said system comprising, a contractible wedge pressure-transmitting means, a plurality of wedge friction shoes having wedge faces coacting with said wedge pressure-transmitting means and said shell friction surfaces, a central wedge, said wedge and wedge pressure-transmitting means having coacting wedge faces with said contractible wedge pressure-transmitting means, all of said wedge faces being intersected by a common transverse plane; and a main spring resistance opposing inner movement of said central wedge.

1,620,678. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Apr. 26, 1923. Serial No. 634,698. 19 Claims. (Cl. 213—31.)



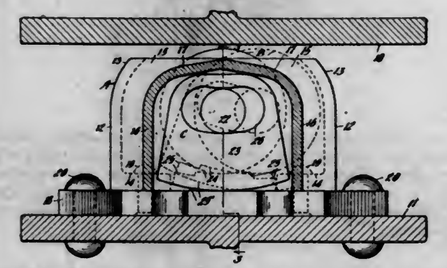
1. In a friction shock absorbing mechanism, the combination with a friction shell; of a spring resistance; and a multiple-part, compressible wedge unit, said unit and shell having co-acting friction surfaces disposed at a relatively keen wedge-acting angle with reference to the line of applied force, said unit including a plurality of elements having engaging sets of faces disposed at relatively blunt releasing angles with reference to the line of applied compressing force, and resilient means compressible transversely of the applied force, interposed between certain of said elements and tending to hold said wedge unit expanded.

1,620,679. CAR CONSTRUCTION. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Sept. 28, 1923. Serial No. 665,311. 4 Claims. (Cl. 213—7.)



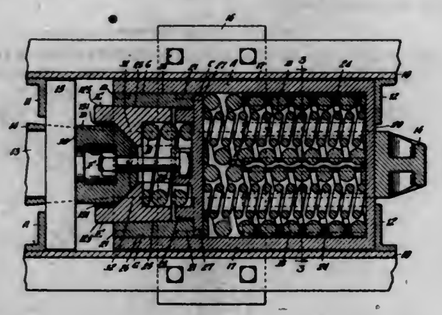
1. In a device of the character described, the combination with the end structure of a car, including a draw bar; of a resilient element having a centrally bowed portion spaced outwardly from the end of said draw bar, said resilient element having looped side portions and inwardly turned end portions secured to the car structure inwardly of the outer end of said draw bar; and a coupling element operatively associated with said draw bar and arranged to extend outwardly of said resilient element in one position, and inwardly of said element in another position.

1,620,680. ANTIFRICTION BEARING. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Apr. 3, 1924. Serial No. 703,899. 8 Claims. (Cl. 308—226.)



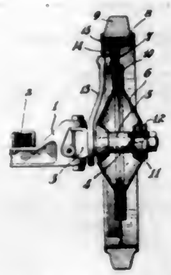
1. In an antifriction bearing, the combination with a housing adapted to be secured to a bolster or the like; of an anti-friction roller therein; a rockable cradle carrying said roller and actuated in unison therewith under load; and means associated with said roller and said cradle permitting said roller to move free of peripheral contact with said cradle during one phase of operation, and to support the same for rotation about a fixed axis when free of peripheral contact with said cradle.

1,620,681. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a Corporation of Delaware. Filed July 18, 1925. Serial No. 44,419. 6 Claims. (Cl. 213—32.)



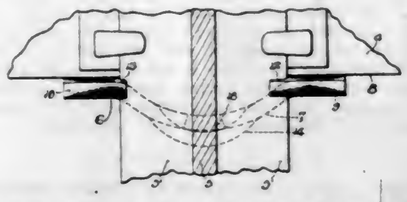
1. In a friction shock absorbing mechanism, the combination with a spring cage casting open at one end only and of substantially uniform interior cross sectional area, said cage having means attached thereto at said open end presenting opposed friction surfaces and restricting the cross sectional area of said cage, said cage having retaining means thereon for said first named means; of twin arranged main springs within the shell; a spring follower; and a wedge-friction system co-operating with the shell, the retaining means of said cage being so formed as to permit free insertion of the springs and spring follower through the open end of the cage.

1,620,682. APPARATUS FOR SUPPORTING VEHICLE LOADS. WILLIAM H. OPPEN, Brooklyn, N. Y. Filed July 25, 1921. Serial No. 487,361. 9 Claims. (Cl. 152—28.)



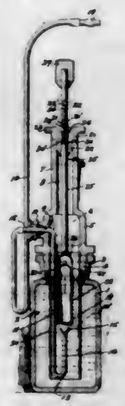
1. The combination in apparatus for supporting vehicle loads of means for supporting the load and permitting displacement under shock impact, and means for restoring the load whenever displaced by road inequalities and which offer substantially no opposition to the displacing movement.

1,620,683. RAIL ANTICREEPER. ALPHONSO T. PALMER, Chicago, Ill. Filed July 29, 1925. Serial No. 46,707. 16 Claims. (Cl. 238—330.)



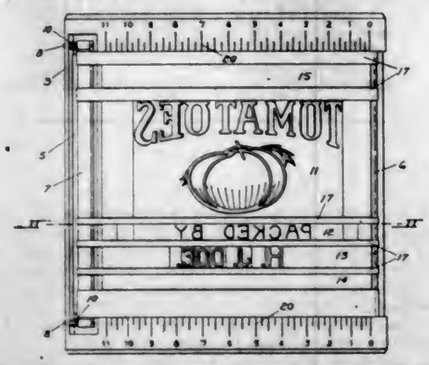
1. In combination, a railway rail, a tie under said rail, and a resilient member having end portions engaging the edges of the flange portion of said rail and an edge portion engaging the bottom surface of said flange, said edge portion being beveled at an acute angle to bite into the surface of said rail

1,620,684. APPARATUS FOR ADMINISTERING RADIUM EMANATIONS. HARRY B. PALMER, Mendham, N. J. Filed Nov. 16, 1923. Serial No. 675,119. 8 Claims. (Cl. 167—7.)



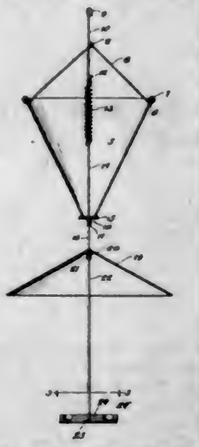
1. In a device of the kind described, a water container, a discharge tube having an exteriorly directed upper end and a lower end disposed within said container, an upwardly directed receiving arm connected with said lower end of said discharge tube, said arm having an intake port adjacent to its free extremity, a vertically movable capsule holder, and means for guiding said capsule holder, downward movement of said capsule holder being adapted to move a capsule supported thereby into operative relation to the receiving arm whereby the latter penetrates the interior of said capsule to permit the content thereof to enter said intake port and be withdrawn through said discharge tube.

1,620,685. PRINTING STAMP. WILLIAM J. PANNIER, Jr., Pittsburgh, Pa., assignor to Pannier Bros. Stamp Co., Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Aug. 10, 1925. Serial No. 49,197. 2 Claims. (Cl. 101—378.)



1. The combination with a part cylindrical base having a fixed cross bar and a relatively movable cross bar at each side of a printing area, and fixed temper screw abutments beyond the movable bar, of a plurality of printing elements mounted on the base having reduced thickness retaining flanges, a plurality of retaining straps each having a hooked terminal at each end engaging the fixed cross bar and the movable cross bar respectively and with their intervening portions engaging the retaining flanges of the printing elements, and temper screws mounted in the abutments and engaging the movable cross bar for tightening the straps over the flanges of the printing elements.

1,620,686. POULTRY FEEDER AND EXERCISER. HIRAM J. PAULEY, Streator, Ill. Filed Apr. 1, 1926. Serial No. 99,009. 1 Claim. (Cl. 119—70.)



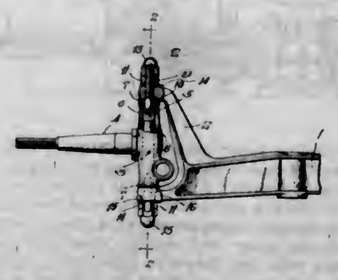
In combination, an inverted cone-shaped hopper having the lower end thereof open, said hopper being provided with openings adjacent its upper end, a V-shaped rod inverted and having its ends piercing the openings at the upper end of the hopper, a second rod bent intermediate its end to provide an eye for receiving the apex of the inverted V-shaped rod, the ends of the second rod terminating in hooks, a spring engaged with one hook, a valve rod engaged with the spring, a valve on the valve rod closeable normally by the spring over the lower open end of the hopper, a link engaged with the valve rod, a cone-shaped distributor on the link, a supporting rod engaged with the link and depending downwardly therefrom, and a bait holder on the lower end of the supporting rod.

1,620,687. AUTOMATIC SORTER FOR PUNCH PRESSES. DANIEL W. REESE, Detroit, Mich., assignor to McCord Radiator & Mfg. Co., Detroit, Mich., a Corporation of Maine. Filed Nov. 1, 1924. Serial No. 747,309. 6 Claims. (Cl. 209—90.)



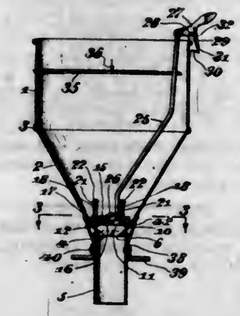
1. A sorter adapted to be applied to a punch press and having two downwardly inclined troughs with outlets at their outer ends, said troughs being connected and arranged one above the other with the upper trough disposed to initially receive both the stampings and the scrap as discharged from the press, said upper trough having slots therein for the passage only of the scrap from the upper to the lower trough, and means carried by the sorter for jarring the same for progressing the scrap and stampings down the troughs and disposed to be actuated by a moving part of the press.

1,620,688. ADJUSTABLE SPINDLE BOLT. EDWARD H. REHN, Lima, Ohio. Filed May 25, 1926. Serial No. 111,572. 3 Claims. (Cl. 280—96.1.)



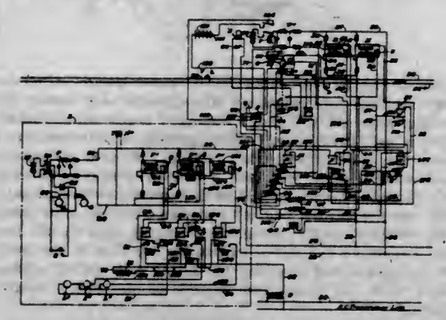
1. In a vehicle, the combination with a fork-arm axle, of a wheel-spindle having a knuckle fitted between the fork-arms of the axle, bushings fitted in the opposite ends of the knuckle and each formed with a flange at one end and an internal seat to receive the thrust of an adjusting bolt, there being a clearance between the flanges of the bushings and adjacent faces of the fork-arms, and means operating to maintain said clearance and effect a pivotal support of the axle on the bushings, said means consisting of bolts having a threaded adjustment in the fork-arms and exerting pressure upon the internal seats of the bushings.

1,620,689. MEASURING FUNNEL. JOHN J. REILING, Philadelphia, Pa., assignor to George D. Ellis & Sons, Incorporated, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 6, 1925. Serial No. 768. 3 Claims. (Cl. 226—36.)



1. A measuring funnel comprising, in combination, a valve for closing the outlet opening thereof, vertical pins located above the valve seat upon which said valve is slidably mounted, yielding means mounted upon said pins for holding said valve in closed position, means for opening said valve, and releasable means for holding the valve in open position during the period in which the liquid is being discharged from the funnel into a receiver.

1,620,690. RAILWAY-TRAFFIC-GOVERNING APPARATUS. DANIEL W. RICHARDS and HARRY P. HANCOCK, Roanoke, Va. Filed Apr. 25, 1922. Serial No. 556,506. 58 Claims. (Cl. 246—5.)

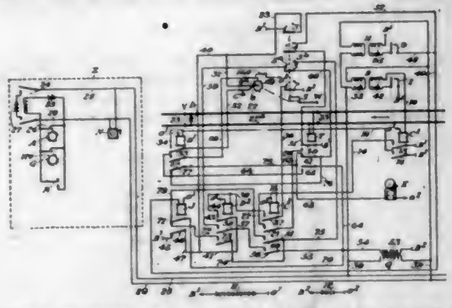


3. In combination, a railway signal, two selectors associated therewith and selectively responsive to two different impulse combinations, means controlled by said selectors for placing said signal at stop or proceed, and means including two code keys under the control of a despatcher at a distant point for transmitting said two impulse combinations to said selectors.

1,620,691. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. DANIEL W. RICHARDS and HARRY P. HANCOCK, Roanoke, Va. Filed May 21, 1924. Serial No. 714,801. 11 Claims. (Cl. 246—5.)

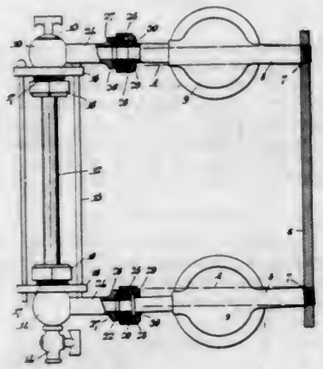
2. In combination, a section of railway track provided with a track circuit including a normally closed track relay, a signal for said section controlled by said track

relay, a code wheel operated by said signal, a local circuit for said code wheel including a source of current and



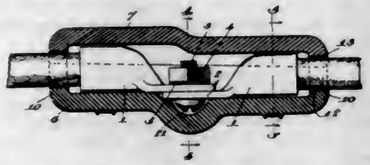
a back contact of said track relay, and means located at a distant point for receiving the impulse combination transmitted by said code wheel.

1,620,692. SELF-ADJUSTING WATER-GAUGE CONNECTION. WILLIAM RIGNEY, Irvington, N. J. Filed Dec. 5, 1924. Serial No. 754,077. 1 Claim. (Cl. 285—120.)



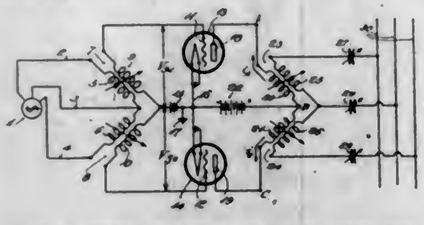
In an adjustable union for a water gauge structure, pipe sections approximately alined with each other, the section adjacent the gauge having a faucet end provided with a cylindrical counterbore defining a plane seat surface, the other pipe section having a flanged spigot end presenting a plane end face, a pair of compressible packing elements nested in the said counterbore and presenting complementary conical abutting surfaces and plane end surfaces, and a union nut engaging said faucet end, and having an end flange embracing the rear of the flange on the spigot end to clamp the latter into sliding engagement with the plane end surface of the outer packing element.

1,620,693. TERMINAL INSULATOR. HUGH WILLIAM IVOR ROYAL, North Youngstown, Ohio. Filed May 28, 1926. Serial No. 112,341. 1 Claim. (Cl. 173—268.)



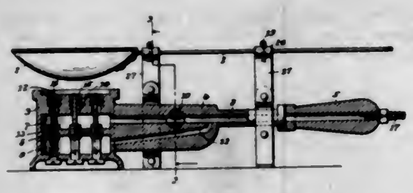
An insulator for coupled terminals having flat widened overlapping connected ends and smaller round cable engaging ends; said insulator comprising an elongated tubular housing composed of a bottom and a top section widened at their central portions to form a chamber to receive said flattened terminal portions, and having reduced ends to snugly fit the cable engaging ends of the terminals, the bottom section having a bolt head receiving depression and the top having a downward offset opposite said depression, said sections having interfitting flanges at their meeting edges and provided on their outer faces with registering peripheral grooves, the grooves in the top section terminating at points spaced peripherally from each other and having seats therein, and resilient split metal bands mounted in said grooves with the ends thereof flared to facilitate removal and release of the sections, said ends having inwardly extending projections to engage said seats whereby the sections are releasably held engaged.

1,620,694. METHOD FOR AMPLIFYING THREE-PHASE HIGH-FREQUENCY POWER. GEORGE C. SALMONS, West Brighton, N. Y., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Feb. 20, 1926. Serial No. 89,800. 10 Claims. (Cl. 179—171.)



1. In a system for amplifying three phase high frequency power, the combination with a source of three phase high frequency current, a pair of electron tubes connected in balanced relationship, input and output circuits for said tubes, an open delta transformer system connected in said input circuits for impressing energy from said source upon said electron tubes, a load circuit, and means for impressing three phase high frequency current derived from said output circuits upon said load circuit.

1,620,695. GASOLINE TORCH. OLTMANN G. SCHMIDT, Fargo, N. Dak. Filed June 4, 1926. Serial No. 113,715. 3 Claims. (Cl. 158—32.)

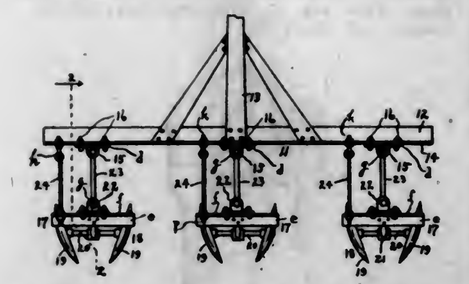


1. A gasoline vapor burner comprising a body having a head portion and a shank portion, the head portion being hollow and having a horizontal partition wall which divides the interior thereof into upper and lower chambers, the shank portion having passageways which communicate one with the other and which communicate at their inner ends with the chambers respectively, a valve for controlling the passage of vapor through one of the passageways, and burner nozzles passing through the upper and lower walls of the head and engaging in the partition wall of the head the lower ends of the nozzles being closed, the upper ends of the burner nozzles being spaced from the surfaces of the walls of the upper side of the head, wicks surrounding the discharge ends of the burner nozzles, said nozzles having ducts which communicate at their lower end with the lower compartment of the head.

1,620,696. EXPLOSIVE. ADOLPHE SEGAY, Montrouge, France. Filed Apr. 30, 1923, Serial No. 635,785, and in Belgium May 26, 1922. 13 Claims. (Cl. 52—16.)

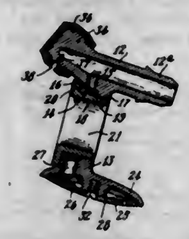
1. An explosive composition comprising ammonium nitrate coated with a waxy substance, constituting the base of the product, an alkali-metal perchlorate similarly coated, and a metallic substance the combustion of which gives out a large amount of heat.

1,620,697. SPACE-ADJUSTING MEANS FOR GROUND-ENGAGING IMPLEMENTS. JOSEPH SPENCE, Maywood, Nebr. Filed July 16, 1925. Serial No. 43,978. 1 Claim. (Cl. 97—54.)



In space-adjusting means for ground-engaging implements, each implement being provided with a supporting-plate having a vertical flange and provided with an apertured bracket midway between the ends of said flange, a drag-bar having a vertical flange provided longitudinally with apertures arranged in groups, apertured brackets for said drag-bar each being removably mounted in apertures of a group thereof, eye-bolts for said drag-bar each being removably mounted in an aperture of a group, draw-bars each having up-set end-portions engaging the bracket of a supporting-plate and a bracket of the drag-bar, and a plurality of radius-rods each having an up-set end-portion engaging an eye-bolt, its opposite end having a rigid connection with the vertical flange of a supporting-plate near one of the ends of said plate.

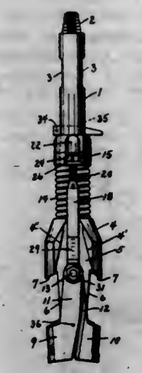
1,620,698. SURFACE WASHER. FRED G. STONE, Manchester, N. H., assignor to Stone Surface Washer Company, Inc., North Andover, Mass., a Corporation of Massachusetts. Filed July 3, 1926. Serial No. 120,373. 2 Claims. (Cl. 299—112.)



1. A three-piece surface washer comprising a water-receiving-head of cast metal, a water-conducting neck composed of an annular body member cast integral with the receiving-head and provided with an internal annular groove communicating with the receiving-head, an internal annular seat at one side of the groove, and an internal screw-thread at the opposite side of the groove, a separately formed annular closing member covering the groove and forming therewith an annular conduit, said closing member forming also a finger-receiving opening and being provided at one end with an external screw-thread engaging said internal thread, and at its opposite end with a flange bearing on said seat, and a delivering-head composed of a back member cast integral with the body member of the neck, and a separately formed perforated front member having a water-tight connection with the back member, and forming therewith a water chamber communicating with the neck.

2. In a surface washer, a water-delivering head comprising a rigid back member provided with a central outwardly projecting boss having a tapped socket, and with an annular inwardly facing shoulder surrounding and spaced from said boss, a concavo-convex perforated flexible front member formed at its margin to bear on said shoulder and having a central orifice coinciding with the boss socket, and a headed clamping screw inserted in said orifice and engaged with said socket, the screw securing the front member to the boss, and flexing the front member to expand its margin and press the same against the annular shoulder, thereby forming a water-tight connection between the margin of the front member and the annular shoulder of the back member.

1,620,699. UNDERREAMER. FRED SWAN, Wichita, Kans. Filed July 16, 1925. Serial No. 43,995. 3 Claims. (Cl. 255—75.)

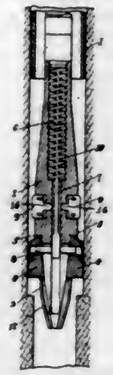


1. In an underreamer a reamer body having its upper portion solid, having at its lower end oppositely arranged tapering surfaces and abutments at the upper ends of said tapering surfaces, a pair of cutters movable on said tapering surfaces having their upper ends adapted to fit against said abutments and provided with shanks extending upward and inward so that the upper ends of the shanks of opposite cutters are in line with the axial center of the reamer body, a pivot pin connecting the upper ends of said shanks, a yoke slidable upon the upper portion of the reamer body and provided on opposite sides with recesses which are adapted to receive nuts therein and an opening into each recess from below, side rods each secured at its lower end to one end of the pivot pin and having its upper end extending through one of said openings into a recess and provided therein with a nut, the walls of the recess being so formed as to protect the nut from contact with the walls of the well hole, and a spring carried by the upper portion of the reamer body and acting to force said yoke upward and to move the cutters against said abutments.

1,620,700. UNDERREAMER BIT OR CUTTER. FRED SWAN, Wichita, Kans. Filed Aug. 5, 1925. Serial No. 48,291. 1 Claim. (Cl. 255—75.)

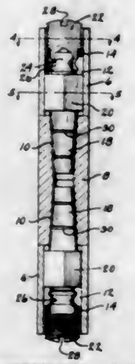
In an underreamer of the type in which cutters are movable on tapering ways into and out of expanded position and are moved into expanded position by a spring, a cutter having a cutting edge at its lower end and

having its outer face above the cutting edge inclined inward and formed on an arc of a circle corresponding



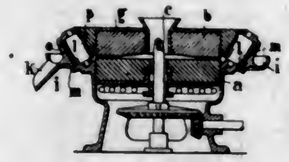
in diameter to the interior diameter of the casing and roughened to increase its frictional contact with the interior of the casing.

1,620,701. HINGE. ERNEST L. TEICH, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a Corporation of Connecticut. Filed Nov. 27, 1926. Serial No. 151,056. 6 Claims. (Cl. 16—140.)



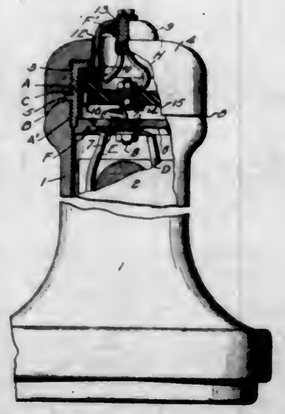
1. In a hinge the combination of two leaves having alterating knuckles, non-rotatable longitudinally movable pintle members mounted within the outer knuckles, and screw plugs within said outer knuckles holding said pintle members within their respective knuckles.

1,620,702. COCOA AND CHOCOLATE GRINDER. OTTO THURMANN, Berlin, Germany. Filed May 10, 1924, Serial No. 712,196, and in Germany Feb. 6, 1924. 4 Claims. (Cl. 83—7.)



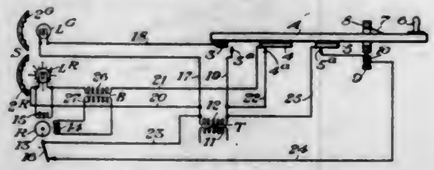
1. In a cocoa mill, the combination of a pair of horizontally disposed grinding members in juxtaposition to each other, one of said members being stationary and the other rotatable, a pair of complementary housings enclosing said grinding members, the housing of the rotatable member being rotatable with said member, an annular chamber carried by the housing of the stationary member, said chamber being in communication with the interior of said housings, a plurality of grinding elements disposed within said chamber and adapted to rotate in contact with a portion of the wall of the rotatable housing, means for feeding material to be ground to the center of the horizontal grinding members, and means for delivering the ground material at the periphery of said annular chamber.

1,620,703. SWIVEL FOR TELEPHONE RECEIVERS. HERMAN F. TROMPETER and JOHN P. BROWN, Topeka, Kans. Filed Aug. 27, 1925. Serial No. 52,796. 3 Claims. (Cl. 179—179.)



1. In a swivel for a telephone receiver, in combination with a telephone, a housing threadedly connected to the outer end of the receiver, a rotatable member engaging in the housing, a cap threadedly engaging on the outer end of the housing, a receiving cord attached to the rotatable member, a spring tensioning means between the housing and the rotatable member for contact of said members, and to function as circuit closing means between the telephone and the receiver.

1,620,704. RAILWAY-SIGNALING APPARATUS. ALBERT L. VENCILL, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Oct. 7, 1925. Serial No. 60,979. 14 Claims. (Cl. 246—138.)

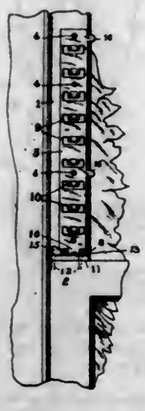


1. In combination, a signal comprising an electric lamp, means for supplying current to said lamp, and indication means for said lamp controlled jointly by the current flowing in the lamp and by the voltage across the terminals of the lamp.

1,620,705. WINDOW LOCK. JOHN WAITCH, Pittsburgh, Pa., assignor of one-half to Frank Lasavich, La Porte, Ind. Filed July 5, 1924, Serial No. 724,300. Renewed Aug. 3, 1926. 1 Claim. (Cl. 292—202.)

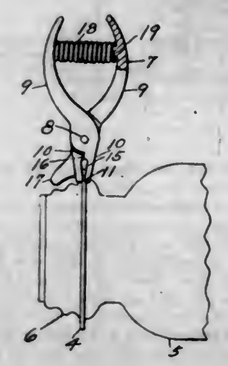
The combination with the upper and lower sash of a window and a curvilinear cam latching element secured to

the upper horizontal member of said lower sash, of an elongated vertically disposed locking plate, mounted on one of the vertical members of said upper sash and formed with a plurality of substantially U-shaped uniformly spaced slots, each of said slots having a depending catch member extending therein and having its ends spaced from the respective ends of said slots, said catch members having a horizontally disposed convexed rear face corresponding to the curvature of the said latch-



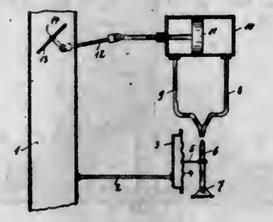
ing element, said plate having its marginal edges bent rearwardly forming flanges engaging the front face of said associated upper sash and providing clearance between the front face of the latter and the rear convex faces of said catch members to permit of the engagement of said latching elements wtih said catch members, said plate further provided with projecting ears to facilitate the engagement of said latching element with said catch members, substantially as described and for the purpose set forth.

1,620,706. JAR-OPENING DEVICE. THOMAS E. WELSH, Woodbridge, Conn. Filed Dec. 10, 1921. Serial No. 521,455.. 4 Claims. (Cl. 81—3.1.)



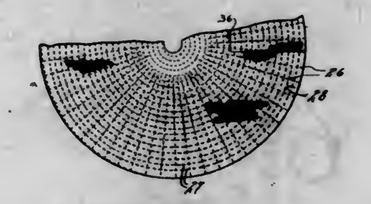
1. A tool of the plier type comprising two pivotally connected members provided wtih a pair of jaws and a pair of handles, resilient means operating to separate the jaws, the jaws having arc-shaped ends adapted to fit a circular jar cap, a projection provided on one of the jaws adapted to contact with the jar or cap and serve as a fulcrum when the jaws grip a sealing ring for the purpose of pulling the ring from its sealing position between the cap and the jar.

1,620,707. DEVICE FOR REGULATING GAS PRESSURE. GUIDO WÜNSCH, Steglitz, near Berlin, Germany. Original application filed Feb. 29, 1924, Serial No. 696,103, and in Germany Mar. 7, 1923. Divided and this application filed Feb. 20, 1925. Serial No. 10,717. 4 Claims. (Cl. 137—78.)



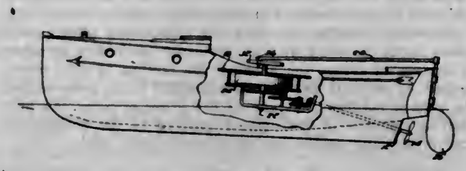
1. In a device for regulating gas pressure in combination a pressure pipe adapted to conduct a flow of the gas the pressure of which is to be regulated, a second pipe adapted to conduct a continuous flow of a medium under pressure, means adapted to move said last mentioned pipe corresponding to the rising and falling pressure in the said pressure pipe and means operated by the said medium escaping from said second pipe and adapted to effect the pressure regulation.

1,620,708. MULTIPLY BUFFER. FRANK L. YERGES, Fremont, Ohio, assignor of one-tenth to Harry Zimmerman, Fremont, Ohio. Filed Oct. 15, 1923. Serial No. 668,587. 2 Claims. (Cl. 51—193.)



1. A buffing disc section embodying a plurality of concentric flat plies of fabric adjacently dissimilarly extending as to the fabric threads, a general assembling spiral stitching therefor, and additionally a pocket forming stitching overlapping said spiral stitching.

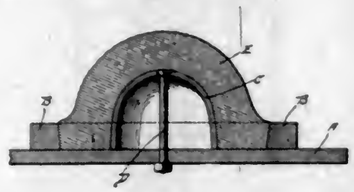
1,620,709. TOY MOTOR BOAT. PHILIP E. YOUNG, Fairhaven, Mass., assignor to Acushnet Process Company, a Corporation of Massachusetts. Filed Aug. 26, 1926. Serial No. 131,618. 2 Claims. (Cl. 46—37.)



1. In a toy motor boat, the combination of a spring motor, a propeller driven thereby, a member rotated relatively slowly by said spring motor and provided with an axial opening and with non-axial openings, a rudder, a tiller at an angle thereto, and a steering rod pivoted to the tiller provided with a portion adapted to be placed

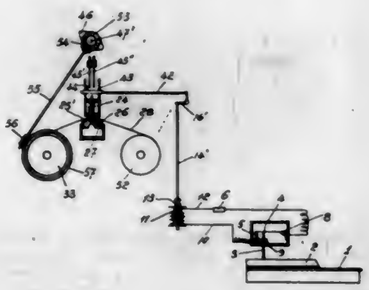
in any one of said openings, whereby the boat may be caused either to follow a straight course or to follow various courses which are substantially continuously curving and successively reversing.

1,620,710. BAKING PAN. VIRGIL A. ZIEGLER, St. Louis, Mo. Filed Nov. 21, 1925. Serial No. 70,559. 3 Claims. (Cl. 53—6.)



1. A baking pan for pastry shells comprising a substantially flat metal back member, a plurality of hollow metal knobs extending outwardly from the upper surface of said back member and having a substantially air tight joint therewith, and those portions of said back member positioned under said knobs being imperforate whereby a dead air space is formed under each of said knobs.

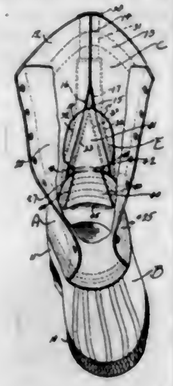
1,620,711. PERFORATING APPARATUS. ANGELO BARBIERI, Milan, Italy. Filed June 26, 1923, Serial No. 647,951, and in Italy June 28, 1922. 1 Claim. (Cl. 164—113.)



In an apparatus of the character described comprising a punching device, an electric solenoid actuating means for the punching device controlled by the core of the electric solenoid, musical instrument key controlled electric means for energizing the solenoid, the actuating means for the punching device including a plate adapted to slide in horizontal direction above the punch and to be lowered in order to press the underlying punch, said plate being provided with an upwardly projecting member, a system of levers for causing the sliding of said plate, a pair of vertical parellel bars adapted to be reciprocated in such a manner that one or the other engages the projecting member of the plate according to the position of the latter, and means for reciprocating the bars.

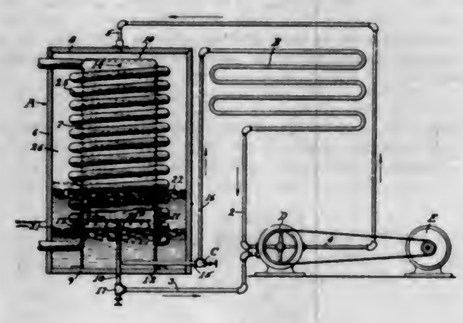
1,620,712. INSIDE PROTECTING STAY FOR LEATHER-TOP RUBBERS. LEON L. BEAN, Freeport, Me. Filed Jan. 28, 1926. Serial No. 84,479. 5 Claims. (Cl. 36—55.)

2. In a shoe construction the combination of a shoe including a vamp, an upper secured to the vamp in exterior overlapping relation therewith, and a relatively short inside back stay including portions stitched at



opposite sides of the top edge of the vamp and including a neck extending across the top edge of the vamp in protecting relation therewith.

1,620,713. COMBINATION CONDENSER AND OIL SEPARATOR. FRED C. BELL, Alameda, Calif. Filed Feb. 5, 1924. Serial No. 690,791. 4 Claims. (Cl. 257—229.)



1. A combination condenser and oil separator of the character described, comprising an outer closed cylindrical casing, an interior cylindrical casing mounted therein and spaced therefrom to form an annular interior chamber, an inlet pipe in the top of the outer casing for the admission of gas and oil, a cooling coil in said annular chamber extending substantially from the top to the bottom thereof to condense the gas and oil vapors, and to permit separation and stratification thereof, a discharge pipe for the condensed refrigerant, and a discharge pipe for the oil, said pipe extending upwardly into the oil strata.

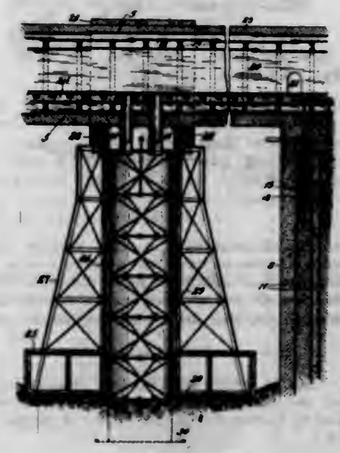
1,620,714. TRIAZO-NITRATE EXPLOSIVES AND PROCESS OF PRODUCING THE SAME. FRANK H. BERGEIM, Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed June 18, 1926. Serial No. 116,977. 11 Claims. (Cl. 260—144.)

1. An explosive compound containing a triazo group and a nitrate group.

1,620,715. EXPLOSIVE COMPOSITION. FRANK H. BERGEIM, Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Original application filed June 18, 1926, Serial No. 116,977. Divided and this application filed Sept. 9, 1926. Serial No. 134,583. 20 Claims. (Cl. 52—11.)

1. An explosive composition containing a compound having therein a triazo group and a nitrate group.

1,620,716. SUBMERGED BRIDGE. WILLIAM BLANCHARD, Houston, Tex. Filed Apr. 30, 1925. Serial No. 27,014. 9 Claims. (Cl. 61—42.)



1. In a submerged bridge, the combination of a tubular section enclosing a road-bed, a submerged barge resting on the bottom of the waterway, a superstructure extending upwardly from the barge and forming an intermediate support for said section, and a vertically disposed cylinder within said superstructure and extending through the barge and adapted to contain ballast, the base of said cylinder being extended laterally beneath the bottom of the barge.

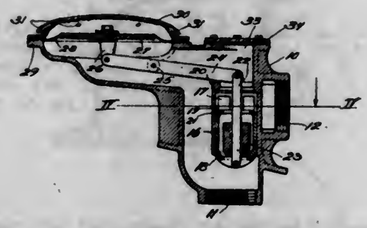
1,620,717. WATER SOFTENER. NORMAN E. BRICE, Brooklyn, and HERBERT G. SNYDER, New York, N. Y., assignors to The Permutit Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 6, 1924. Serial No. 742,027. 14 Claims. (Cl. 210—24.)

1. Apparatus for softening water, comprising a container, exchange silicates therein, connections leading to a high point therein, connections leading to a low point therein, in combination with a multi-way cock having two ports, each in communication with one of said connections and means at a point between said cock and the exchange silicates for holding salt, said cock having a water supply port, a port for water to be used and a waste water port, together with a rotor arranged to be positioned in the regenerating phase of said apparatus to establish communication through the cock from the water supply port, through one of said connections, through the salt holding means, through the container, through the other connection back to the cock and to the waste port, while separately establishing communication through the



cock from the water supply port to the port for water to be used, whereby, during regeneration, water from the water supply port may be obtained.

1,620,718. AUTOMATIC VAPOR-TAKE-OFF VALVE FOR OIL TANKS. CHARLES P. BUCK, Topeka, Kans., assignor to Gustin-Bacon Manufacturing Company, Kansas City, Mo., a Corporation of Missouri. Filed Nov. 13, 1922. Serial No. 600,759. 5 Claims. (Cl. 137—153.)

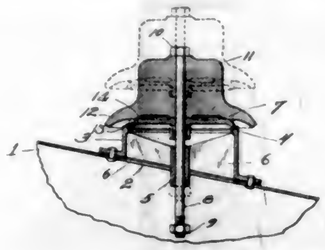


8. In combination with a valve casing having a pair of openings, a valve passage provided with lateral ports affording communication between one of said openings and the interior of the casing, said passage also being formed with an interior valve seat, an open-ended cylindrical valve slidingly mounted in said passage and adapted to close said ports when in engagement with the valve seat, and a pressure-actuated diaphragm constantly exposed to the pressure within the casing operatively connected to said valve.

1,620,719. RELIEF VALVE FOR EXCESSIVE-PRESSURE VAPOR TANKS AND LINES. CHARLES P. BUCK, Topeka, Kans., assignor to Gustin-Bacon Manufacturing Company, Kansas City, Mo., a Corporation of Missouri. Filed May 14, 1923. Serial No. 638,844. 1 Claim. (Cl. 137—53.)

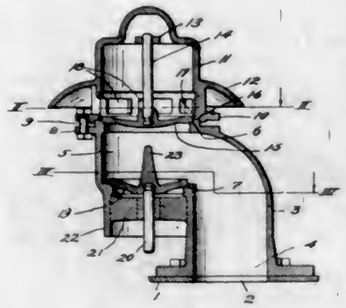
A tubular member terminating at one end in an upwardly facing beveled valve seat and formed with a valve guide, a valve stem sliding in said valve guide, a relatively flat plate having its periphery slightly downturned and forming a beveled valve and having a central open-

ing for the reception of said valve stem and normally resting on said valve seat, and a weight resting on said valve and interlocked therewith, said weight having a



skirt flaring downwardly and outwardly to deflect gas escaping through said tubular member in such a direction as to secure a substantially vertically upward reaction to maintain the valve in open position.

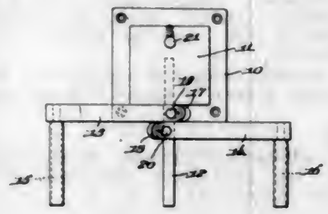
1,620,720. COMBINATION VACUUM AND PRESSURE RELIEF VALVE. CHARLES P. BUCK, Topeka, Kans., assignor to Gustin-Bacon Manufacturing Company, Kansas City, Mo., a Corporation of Missouri. Filed July 27, 1925. Serial No. 46,340. 1 Claim. (Cl. 277—61.)



A combined pressure and vacuum relief valve comprising, a valve casing formed with an open-ended vertical passageway, vacuum and pressure valves respectively closing the bottom and top of said passageway, a dome surrounding said pressure valve and having a series of pressure release ports, said dome and said ports being so arranged that the pressure valve shall close the dome when it has moved upwardly and has its lower periphery in substantially the plane of the upper edge of said ports, a valve stem for said pressure valve projecting into the dome, a guide within the dome and slidingly receiving the stem of said pressure valve, a valve stem for said vacuum valve, a guide slidingly receiving vacuum valve stem and carried by the casing, and means on said vacuum valve whereby opening movement thereof beyond a predetermined point shall effect opening movement of the pressure valve.

1,620,721. FINISHING MACHINE FOR BOOTS AND SHOES. ANTHONY COCOZELLA and ANTHONY COCOZELLA, Jr., Lynn, Mass. Filed Apr. 27, 1925. Serial No. 26,259. 5 Claims. (Cl. 12—123.)

1. A treeing machine of the class described comprising a base portion having a boss upstanding therefrom; a spindle extending from said boss; arms adjustably mounted on said spindle and laterally extending therefrom; and a spindle extending from each of said arms whereby a



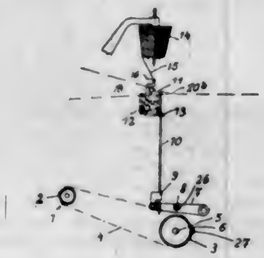
last having a shoe thereon may be pivotally supported by said first spindle and laterally supported in turn by each of the other spindles.

1,620,722. HAIR CURLER. MAY C. CONANT and CLARE SEELY, Cleveland, Ohio. Filed Feb. 27, 1925. Serial No. 11,917. 3 Claims. (Cl. 132—43.)



1. A hair curler comprising a rigid member substantially arcuate in cross section, said member having a portion thereof cut out and bent in a direction opposite to the curvature of said member, and a flexible member engaged through the ring defined by the cut out portion.

1,620,723. LOOM FOR WEAVING. JOHANN GABLER, Ettlingen, Germany. Filed Feb. 16, 1925, Serial No. 9,510, and in Germany Feb. 13, 1924. 3 Claims. (Cl. 139—123.)

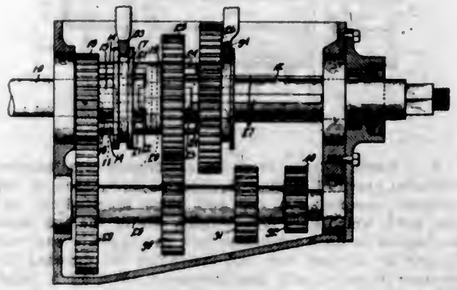


1. Weft inserting mechanism for looms for weaving of the type referred to comprising at both sides of the loom a combined weft insertion and withdrawing rod, a sliding rod to bring the weft into the path of the inserter and a pattern chain for controlling the movement of the sliding rod.

1,620,724. VARIABLE-SPEED GEARING. JOHN F. GAYLORD, Indianapolis, Ind. Filed Dec. 2, 1924. Serial No. 753,517. 2 Claims. (Cl. 74—59.)

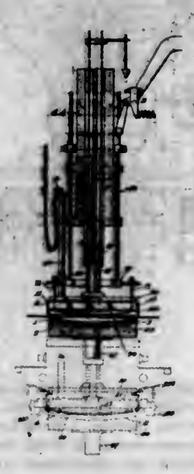
1. A change speed transmission comprising a driving shaft, a driven shaft, a combination gear and clutch member on the driving shaft, a clutch member on the driven shaft, a clutch member splined on the driving shaft between said pair of members and adapted to be moved into engagement with the combined gear and clutch member for causing the same to rotate with its supporting shaft and adapted to be moved in the opposite

direction for effecting a drive directly between the driving and the driven shafts, a jack shaft, a plurality of fixed gears on said jack shaft, one of said gears engaging the combined gear and clutch member on the driving shaft, a combined gear and clutch member rotatably mounted on the driven shaft, and a second combined gear and clutch



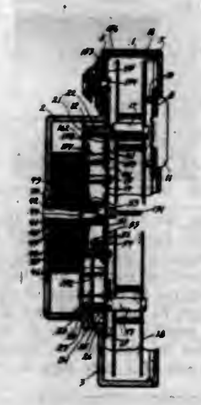
member splined on the driven shaft and movable into engagement with the first mentioned combined gear and clutch member on the driven shaft to cause the same to rotate with the shaft, a gear and clutch member splined on the driven shaft being also movable into engagement with gears on the jack shaft for effecting low or reverse speeds, substantially as set forth.

1,620,725. DIE FOR BOX-MAKING MACHINES. FRED G. HEYER and FRANCIS M. SMITH, Detroit, Mich. Filed July 20, 1925. Serial No. 44,703. 1 Claim. (Cl. 93—54.)



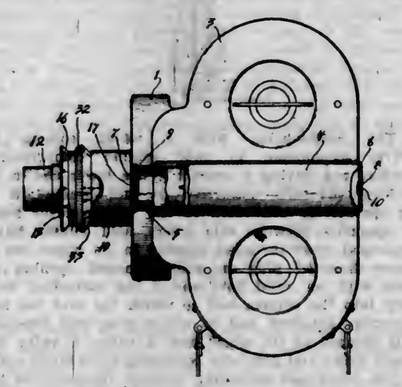
In a box making machine wherein a cover is adapted to be applied to a box lid and a portion of the lid provided with a curved wall;—a platen, a yieldable pad on the platen and having a concave face, a die body having a lower convex face adapted to cooperate with said pad in applying the cover to the box lid and imparting curvature to a lid wall, said die body having a recess therein, a core of insulation approximating in area the area of said recess, a heating element about said core of insulation and having lead-out wires, a cover plate on said die body over the recess thereof, and a vertically disposed conduit carried by said cover plate for the leading-out wires of said electric heating element.

1,620,726. MOTION-PICTURE CAMERA AND THE LIKE. ALBERT S. HOWELL, Chicago, Ill., assignor to Bell & Howell Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 13, 1923. Serial No. 662,478. 32 Claims. (Cl. 88—17.)



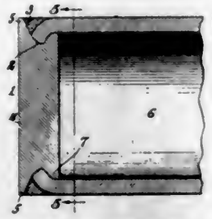
1. A motion picture camera including an enclosing casing open at one side, a frame comprising plates secured together in spaced parallelism and removably secured in said casing inwardly of said open side and in parallelism therewith and removable through said open side, a power spring device carried on the frame on a transverse axis and having the spring thereof disposed on the outside of the inner plate thereof, and a multiplying gear train for driving from the spring device and comprising gears carried by the frame between the plates thereof.

1,620,727. PHOTOGRAPHIC CAMERA. ALBERT S. HOWELL, Chicago, Ill., assignor to The Bell & Howell Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 12, 1925. Serial No. 49,772. 9 Claims. (Cl. 95—45.)



1. In a photographic camera the combination with a photographic lens adjustable for focusing the same, of a view finder coordinated with the lens, and means indicating the focal adjustment of the photographic lens and adapted to be observed through the view finder as and for the purpose described.

1,620,728. CLOSURE PLUG FOR PIPES. PERCY JACKSON, Chattanooga, Tenn., assignor to Walsh & Weidner Boiler Co., Chattanooga, Tenn., a Corporation of Tennessee. Filed July 10, 1925. Serial No. 42,732. 2 Claims. (Cl. 137—76.)



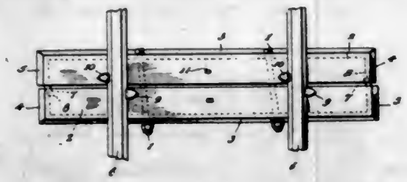
1. A closure plug for tube ends and the like comprising a disc-like metal block of substantial thickness having a V-shaped annular groove around its edge, said groove having a rounded portion and having side walls of different inclinations to the plane of the disc thereby to provide one flange to engage the end of the tube and another flange of smaller dimension to fit in the tube, the rounded portion of the groove providing an anvil against which the end of a tube may be crimped.

1,620,729. WATER-COLUMN ALARM. WILFRED H. KUHN, Detroit, Mich., assignor to Wright-Austin Company, Detroit, Mich., a Corporation of Michigan. Filed July 6, 1925. Serial No. 41,527. 2 Claims. (Cl. 137—102.)



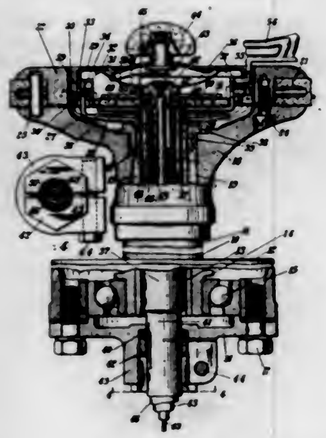
1. The combination with a water column and a valve mechanism in said column comprising a depending rod having a bracket at its lower end, a bottom lever pivotally connected to said bracket, a top lever operatively connected to the bottom lever and a float operative between said levers, said column having an enlarged screw-threaded opening in its upper end; of a screw-threaded plug in said enlarged opening and formed with an axial bore and a lug extending downwardly into the column and to which lug said top lever is pivotally attached and to which plug said depending rod is secured at its upper end, a valve, a valve stem for said valve and pivotally connected at its lower end to said top lever and extending upward through the bore of the plug, a valve casing carried by the outer end of the plug and formed with an axial bore of greater diameter than the diameter of said valve and valve stem, whereby the removal of said casing from said plug will expose the valve and upper end of its stem above said plug, a fitting on the outer end of the casing, a detachable valve seat interposed between said fitting and the end of said casing, and an alarm member carried by said fitting.

1,620,730. METALLIC RAILWAY TIE. AMOS MITCHELL, Kirksville, Mo. Filed Apr. 7, 1926. Serial No. 100,397. 2 Claims. (Cl. 238—38.)



2. A metal railroad cross tie, comprising complemental sections, provided with rail engaging lugs, each of the sections comprising a top and outer longitudinal and end walls which flare downwardly, one of the end walls having an inclined projection and the opposite end wall having an inclined face and fastenings for drawing the sections together and simultaneously effecting a longitudinal movement thereof by the inclined projections riding upon the inclined faces.

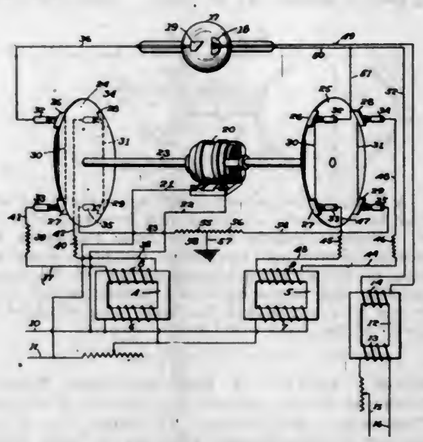
1,620,731. MOTOR VEHICLE. ALFRED MOORHOUSE, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Mar. 29, 1923. Serial No. 628,534. 17 Claims. (Cl. 74—39.)



1. In a steering mechanism, the combination with a steering post having an enlarged end, said end being formed with a recess therein, a housing mounted in and enclosing said recess except a small space between the walls of the housing and said recess and motor control devices arranged in said housing with parts thereof projecting through the space between the housing and the recess.

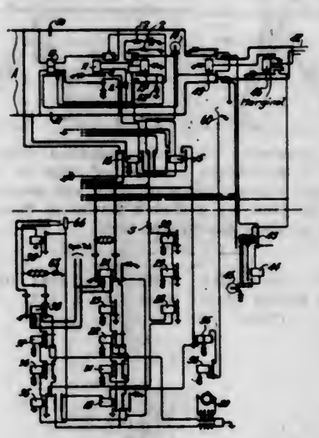
1,620,732. THERAPY X-RAY SYSTEM. ARTHUR MUTSCHELLER, New York, N. Y., assignor to Wappler Electric Co., Inc., a Corporation of New York. Filed Jan. 23, 1923. Serial No. 614,358. 10 Claims. (Cl. 250—34.)

1. In a device of the character described, the combination, with an X-ray tube and a circuit connected therewith, of mechanism included in said circuit for supplying to said circuit a succession of high potential intermittent currents each having its potential substantially uniform throughout the period of duration of the current impulse, said circuit having small static capacity



and including a damping resistance quantitatively co-related to said small capacity, and co-acting therewith for preventing oscillations.

1,620,733. TELEPHONE SYSTEM. STANLEY F. NELSON, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Apr. 3, 1926. Serial No. 99,644. 5 Claims. (Cl. 179—50.)



1. In a telephone system, trunks, an operator's telephone set, means responsive to the seizure of a trunk for automatically associating the operator's telephone set with said seized trunk, and means effective incident to the connection of the operator's telephone set with the seized trunk for automatically transmitting a signal over said trunk, said signal consisting of a plurality of impulses of tone current.

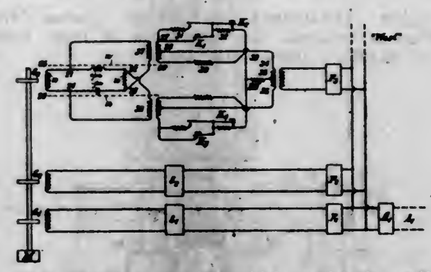
1,620,734. RIM CONTRACTOR AND EXPANDER. VICTOR NYLUND, Minneapolis, Minn. Filed Feb. 25, 1926. Serial No. 90,543. 4 Claims. (Cl. 157—1.)

1. A device of the class described, having in combination, a rectangular tubular member having its lower portion cut away at one end to form spaced vertical shoulders, the sides of said member outward of said shoulders being formed as hooks adapted to engage over the edge of the tire rim, a channel shaped member slidable in said tubular member and having a plurality of spaced slots through its web and being cut away adjacent its outer end to form vertical surfaces on its flanges, said flanges outward of said surfaces being formed with hooks adapted to engage over the edge of the rim, a member secured to said tubular member adjacent its inner end having spaced upstanding ears,



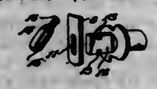
a lever comprising spaced bars pivoted between said ears and a hook link pivoted between the spaced bars of said lever and having a hook formed on its end adapted to engage in one end of said slots to pull on said channel member and to engage the other ends of said slots to push on said channel member whereby said channel member may be collapsed into said tubular member and said hook link can be collapsed between the sides of said lever with said lever on top of said tubular member.

1,620,735. MULTIPLEX SIGNALING SYSTEM. HARRY NYQUIST, Millburn, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 12, 1925. Serial No. 15,058. 11 Claims. (Cl. 178—53.)



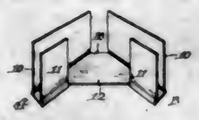
1. The method of signaling which consists in sending a current comprising a component of a certain frequency modified at the sending end according to a signal to be transmitted, and detecting such signal at the receiving end and also compensating the received component in a branch circuit according to the detected signals to remove the signal modifications therefrom, and applying the compensated current to synchronize the receiving apparatus with the transmitting apparatus at the other end of the line.

1,620,736. WINDOW-SHADE HOLDER. JAMES P. OLSON, Mobile, Ala. Filed June 11, 1925. Serial No. 36,499. 2 Claims. (Cl. 156—27.)



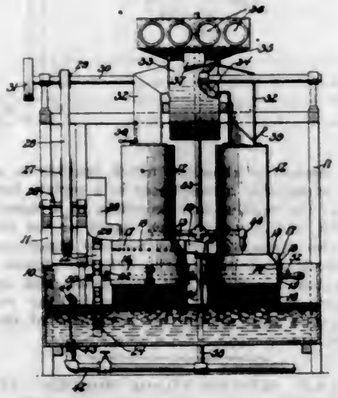
2. A roller mounting comprising a hanger formed with an opening adapted to receive a roller trunnion with a portion of the trunnion formed with a seat projecting from the plate, and a keeper consisting of an open loop of flat metal having a portion pinched together to form a tongue extension at one end, the loop being adapted to be fitted upon the projected portion of the trunnion with its tongue extending transversely therefrom and a portion of the loop seated in the seat formed in the trunnion whereby the loop may engage the adjacent face of the hanger about its opening and prevent withdrawal of the trunnion.

1,620,737. PARTITION-HOLDING CLIP. EMIL A. PETERSON, Chicago, Ill. Filed Mar. 10, 1923. Serial No. 624,092. 1 Claim. (Cl. 211—28.)



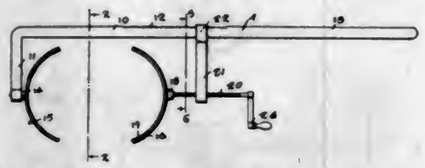
A partition-holding clip of the character described comprising a single piece of flat spring metal formed with a pair of partition-holding parts extending at right angles to each other and forming substantially an L-shaped structure as viewed from the top, each of said parts being substantially U-shaped as viewed from the end thereof and each having a top member an outer side member and an inner side member, the respective inner and outer side members being spaced apart and formed to hold a partition between them by spring pressure, the side members of each of said U-shaped parts terminating sufficiently short of the place where the planes of the outer side members intersect each other to provide a passageway within which such partition may be accommodated and through which it may extend when normally engaged by either of said U-shaped parts, the top members being connected by a diagonal integral corner piece.

1,620,738. AIR-MOISTENING DEVICE. GEORGE CRIST PRENZEL, Columbia, Tenn. Filed Feb. 19, 1926. Serial No. 89,397. 7 Claims. (Cl. 261—30.)



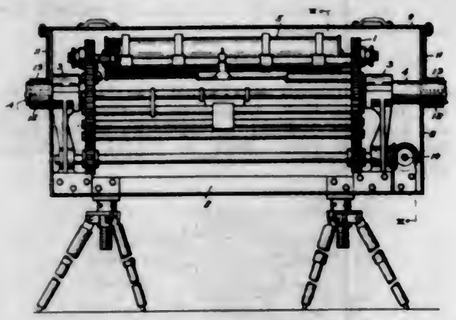
1. In a device of the character described, the combination of a receptacle adapted to contain water, an upright casing supported above the bottom of the receptacle and open at its lower end, a screen secured to and surrounding the lower end of said casing and extending downwardly to the normal level of the water in the receptacle, a fan casing connected with the upper end of said upright casing and having conduits leading therefrom, a rotary fan in the fan casing operable to draw air through said screen into the fan casing and expel it through said conduits, a traveling chain with buckets extending into the water in the receptacle and driven by the fan shaft to lift water from said receptacle, and means for receiving water from the buckets and causing it to dribble over the screen to moisten the air which passes therethrough.

1,620,739. HEADLIGHT-RIM WRENCH. CHARLES H. PERSHO, Alma, Nebr. Filed Aug. 24, 1925. Serial No. 52,046. 3 Claims. (Cl. 81—130.)



3. A headlight rim wrench comprising a shank, an arm carried by the shank, an arcuate jaw connected with the arm, a hanger slidably mounted upon the shank for movement toward and away from the jaw, means for holding the hanger in an adjusted position on the shank, a movable jaw, means adjustably connecting the movable jaw with the hanger, the jaws being arranged at one side of the shank and laterally thereof.

1,620,740. APPARATUS FOR BUILDING JOINTS. DONALD M. SIMONS, Osborne, Pa., assignor to Standard Underground Cable Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Apr. 8, 1926. Serial No. 100,501. 3 Claims. (Cl. 242—7.)



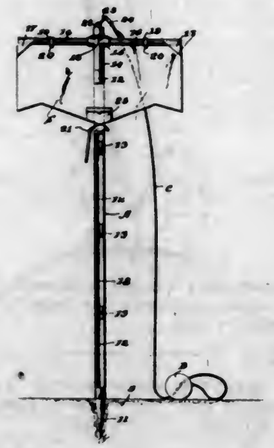
1. In apparatus for jointing oil-filled cables a tank, means for introducing a length of cable in liquid-tight penetration through the tank walls, and means arranged within the tank for wrapping insulation upon a length of cable in place within the tank.

1,620,741. CURTAIN PULL. CHARLES W. SMITH, Grand Rapids, Mich. Filed Feb. 4, 1925. Serial No. 6,762. 1 Claim. (Cl. 24—115.)



A curtain pull comprising a knob having a tapped hole in its lower side and a smaller continuation thereof extending through the upper side, said smaller hole being adapted to receive a cord with a knotted end upon which the knob is suspended, and a handle having a threaded portion to enter said tapped hole in the knob.

1,620,742. GAME. LEWIS B. STAFFORD, Chicago, Ill. Filed Nov. 15, 1926. Serial No. 148,500. 8 Claims. (Cl. 273—98.)



1. A game apparatus, comprising an upright, a vertically disposed partition at the upper end of the upright and extending on opposite sides thereof, a ball, and a flexible element connecting the ball with the upper end of the upright above the partition.

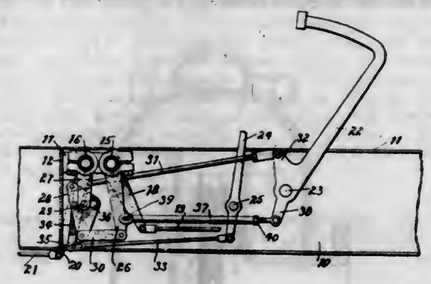
1,620,743. PROTECTOR. LILLIAN STUART, New York, N. Y. Filed Dec. 9, 1925. Serial No. 74,296. 1 Claim. (Cl. 36—2.)



A protector comprising an elongated member composed of waterproof extensible material shaped to conform to the leg, and an extensible lining for said member.

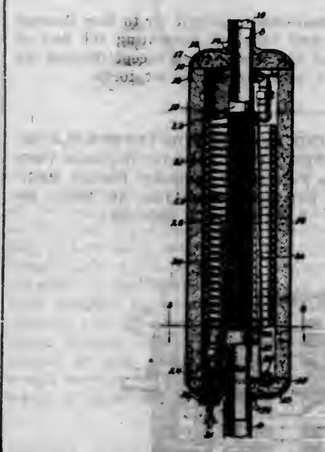
1,620,744. MOTOR VEHICLE. MILTON TIBBETTS, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed May 19, 1926. Serial No. 110,144. 9 Claims. (Cl. 188—10.)

1. In a motor vehicle, the combination with a front and rear brake, a brake operating lever, and means connecting the lever to the brakes for operating said brakes with balanced action between them, of normally inopera-



tive means for operating at least one of said brakes from said lever upon impairment of parts to an extent sufficient to destroy the balanced action.

1,620,745. ELECTRIC WATER HEATER. WILLIAM WILSON WAINWRIGHT, Tacoma, Wash. Filed July 15, 1925. Serial No. 43,820. 2 Claims. (Cl. 219—39.)

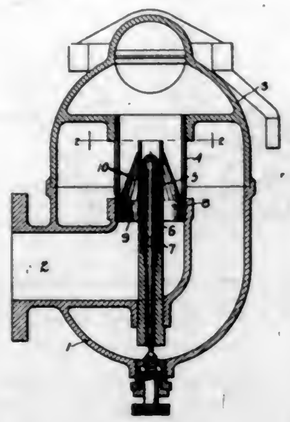


2. In an electric water heater, the combination of a cylindrical casing member, a central pipe section extending longitudinally through the casing member, end caps mounted on the end portions of the pipe section and adjustable longitudinally thereof into supporting relation to the cylindrical casing member and forming closures for the ends thereof, two nipples connected to the central pipe section within the casing and near the respective end caps, a pipe coil within the casing and connected to said nipples, an insulating sleeve surrounding the central pipe section and extending substantially from one nipple to the other, and an electric heating element wound about said sleeve within the pipe coil.

1,620,746. CARBURETOR. ALBERT E. WEAVER, Indianapolis, Ind., assignor, by mesne assignments, to Ira T. Swartz, trustee, Indianapolis, Ind. Filed Sept. 3, 1921. Serial No. 498,337. 3 Claims. (Cl. 261—63.)

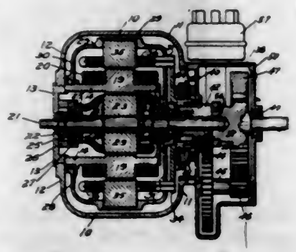
2. In a carburetor, a spraying nozzle, a tube surrounding said nozzle in spaced relation thereto and having an air inlet passage through the tube into the passage around the nozzle, a second tube surrounding said first-mentioned tube for supplying air around and into said first mentioned tube for commingling with the fuel to

be supplied by the carburetor, a collapsible venturi carried by said second tube and collapsible toward the first tube for cutting off the supply of air between the first and



second tubes and expansible to permit air to flow through its end about said first tube but preventing the flow of air between said first and second tubes except through the end of said venturi, substantially as set forth.

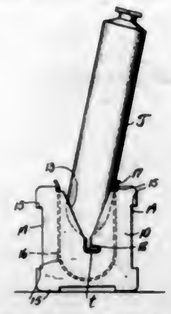
1,620,747. STARTING SYSTEM FOR INTERNAL-COMBUSTION ENGINES. FRED ALLISON, Highland Park, Mich., assignor to Ford Motor Company, Detroit, Mich., a Corporation of Delaware. Filed June 19, 1922. Serial No. 569,542. 3 Claims. (Cl. 290—48.)



1. In a device of the class described, the combination with a housing composed of separable sections, an electric generator and an electric motor disposed within said housing, a shaft passing through said housing, a generator armature on said shaft, a concentrically disposed shell extending around said shaft and enclosing said generator armature, a second concentrically disposed shell surrounding said first shell, a concentrically arranged starter core carried by said second shell, commutators for both the generator and the starter, a motor shaft, reduction gearing connecting said motor shaft with said armature shaft, overrunning clutch mechanism in said gearing, and a housing for said gearing.

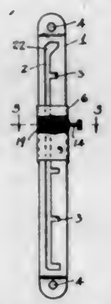
1,620,748. DISPENSING-TUBE HOLDER. BERTRAM F. BAKER, Tannersville, N. Y. Filed Oct. 19, 1926. Serial No. 142,565. 6 Claims. (Cl. 221—60.)

1. The herein described tube holder comprising a pair of end pieces, parallel to each other and constituting a succession of selective supporting bases, and connecting means between and connected to the end pieces for holding the sealed end of the tube and around which the



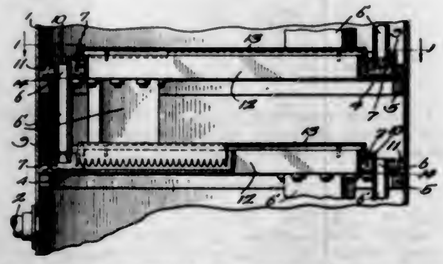
tube is adapted to be wrapped as a result of a relative rotational movement between the holder with its connected bar and the tube.

1,620,749. SAFETY WINDOW DEVICE. JAMES J. BARTAK, Cleveland, Ohio. Filed June 5, 1926. Serial No. 114,005. 2 Claims. (Cl. 292—342.)



1. A safety device for windows comprising a guide plate having an elevated central portion, a wedge block having lateral depending flanges engaging the sides of said plate and slidable longitudinally thereof, said plate having a longitudinal slot with notches provided at spaced intervals communicating therewith, and means on said wedge block for engaging said notches to hold said wedge block in any desired position of adjustment.

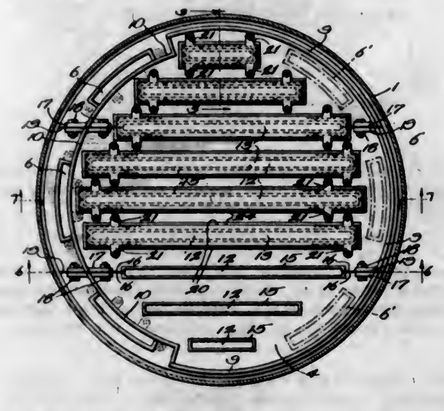
1,620,750. APPARATUS FOR SEPARATING LIQUIDS AND GASES. KENT W. BARTLETT, Hammond, Ind. Filed May 6, 1926. Serial No. 107,077. 1 Claim. (Cl. 261—114.)



The combination with a casing carrying a ledge therein; of a liquid receiving tray seated upon said ledge and spaced apart from the surrounding casing wall to afford a liquid receiving pocket above the ledge and between

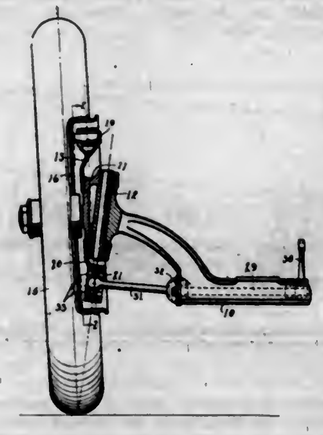
the tray and surrounding casing wall, said tray having a gas passage extending upwardly therethrough and separated from the liquid receiving space of the tray and a liquid passage communicating with and extending downwardly from said liquid receiving pocket and terminating at its upper end above said ledge; and a cap above said gas passage and shaped and positioned to constrain the flow of gas under pressure from this passage through the liquid in the tray and to thereafter permit the escape of gas from the liquid, a flow of gas also obtaining through the space surrounded by the ledge and into said liquid receiving pocket through leakage space intervening between the tray and ledge.

1,620,751. TRAY. KENT W. BARTLETT, Hammond, Ind. Filed May 6, 1926. Serial No. 107,078. 1 Claim. (Cl. 261—114.)



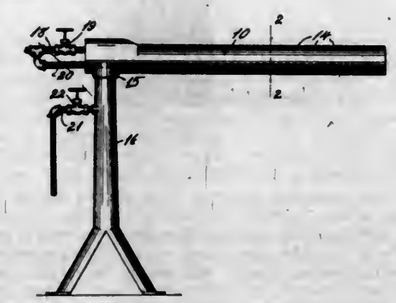
A tray having a liquid holding space, an opening through its bottom and a wall margining said opening and extending above the tray bottom to separate said opening and the liquid receiving space of the tray, the tray being formed in sections between said opening intervenes and having opposed face portions in fluid-tight assembly and terminating at said opening.

1,620,752. BRAKE. PAUL BASTIEN, Cleveland, Ohio. Filed Oct. 4, 1923. Serial No. 666,513. 2 Claims. (Cl. 188—194.)



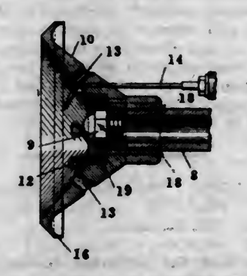
2. In brake mechanism, the combination of an axle, a steering wheel spindle member pivoted thereto, a wheel on said spindle member, a brake drum carried by said wheel, a brake cooperating with said drum and having opposed ends adapted to be separated to apply the brake to said drum, the plane of said brake being at an angle to the plane of said pivot, a cam member having an external bearing surface whereon it is rotatable about an axis that intersects and is normal to the axis of said pivot and below the latter, said cam member having an opening therein and grooves on opposite sides of said opening, and a shaft projecting into said cam member with its axis substantially coincident with the axis of said cam member and having trunnions engaging with said grooves to provide a universal joint connection between the shaft and cam member.

1,620,753. STEAM BOARD. HERMAN BETKE, Denver, Colo. Filed May 20, 1926. Serial No. 110,425. 2 Claims. (Cl. 68—9.)



1. A steam board comprising a standard adapted to be secured to a base, a substantially cylindrical head secured at one end to the upper end of said standard and projecting laterally therefrom, means within said head adapted for connection with a source of steam whereby steam may be discharged through vents in the convex upper surface of said head, said means comprising spaced parallel bores closed at one end and converging to form a common chamber at the other end, separate means within said head adapted to be connected with a source of steam whereby said head may be heated by the circulation of steam through said latter means, together with means carried by said standard and coacting with said latter means carried by said head for exhausting steam and water of condensation from said head.

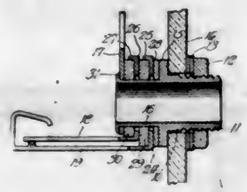
1,620,754. OIL BURNER. DAVID M. BOYD and WALLACE C. CAPEN, St. Louis, Mo., assignors, by mesne assignments, to Electrol, Inc. of Missouri, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 11, 1926. Serial No. 80,420. 4 Claims. (Cl. 158—73.)



3. In a device of the class described, the combination with a casing through which air is adapted to be forced, of a removable member on the forward end of said casing provided with a restricted opening, a fuel nozzle in said

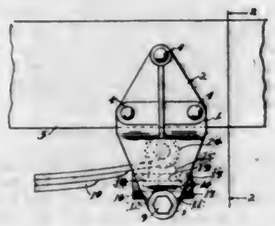
casing, a forwardly flaring conical member on said nozzle, said conical member being provided with air openings, some of said openings being parallel to the axis of the nozzle and others being inclined thereto, and a flange on said conical member forming an air dam to force air through said openings, said flange being spaced from the wall of the casing to form an air passage surrounding said member.

1,620,755. JACK. ALVA J. CARTER, Chicago, Ill., assignor to Carter Radio Company, Chicago, Ill., a Corporation of Illinois. Filed May 24, 1926. Serial No. 111,319. 13 Claims. (Cl. 179—96.)



13. An insulating mounting for a contact spring, comprising a base, a fastening element extending outwardly from said base, an insulting distance piece snugly encircling said fastening element, a contact spring superposed on said fastening element and having an opening larger than said element and smaller than said distance piece, said spring and distance piece having interlocking means to prevent electrical contact between said fastening element and spring at their area of juxtaposition.

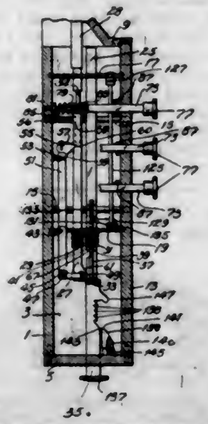
1,620,756. SHACKLE ASSEMBLY. HENRY E. CURTIS, San Jose, Calif., assignor of one-half to John H. Betts, Long Beach, Calif. Filed July 8, 1924. Serial No. 724,860. 5 Claims. (Cl. 267—54.)



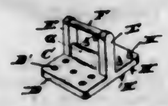
1. The combination with a vehicle chassis, of a supporting element mounted thereon, a sleeve pivotally mounted on said element at right angles to the longitudinal axis of said chassis, an upstanding yoke pivotally mounted on said sleeve to swing in parallel relation to the longitudinal axis of said chassis, and a spring mounted on said yoke to lie in parallel relation to the longitudinal axis of said chassis.

1,620,757. LOCK. WHEATON C. FERRIS, University City, Mo. Filed Feb. 11, 1926. Serial No. 87,568. 12 Claims. (Cl. 70—54.)

10. A lock comprising a latch bar, a tumbler adapted normally to hold the latch bar in locked position, a plurality of escapement bars adapted in particular positions to permit movement of the tumbler to release said latch bar to open position, and escapement means associated with the escapement bars for permitting movement of said escapement bars to said particular positions, a safety bar adapted to permit movement of the tumbler to release said latch bar, means for holding the safety bar in normal position, means for releasing the safety bar from normal position whereby the tumbler is positively prevented from moving.

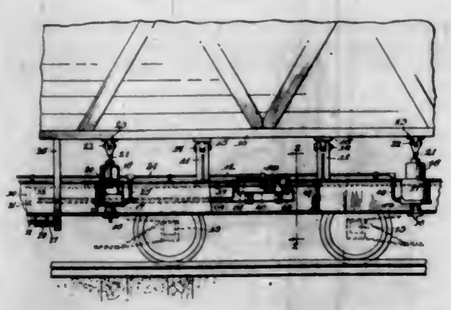


1,620,758. ANTISKID FREIGHT-ANCHORING DEVICE FOR FLAT CARS. ISADOR LEO FRIEDLAENDER and STEPHEN J. MARX, Detroit, Mich. Filed Mar. 29, 1926. Serial No. 98,224. 5 Claims. (Cl. 16—1.)



1. An anti-skid anchoring device for freight consisting of a plate having a plurality of studs projecting from the plate, with an integral loop portion extending at right angles to the plate to receive the end of an anchoring strap.

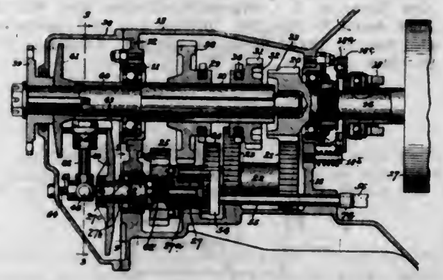
1,620,759. DUMPING CAR. PETER HAMEL, Waukegan, Ill. Filed Nov. 28, 1924. Serial No. 752,612. 4 Claims. (Cl. 105—271.)



1. A dumping car body, running gear, means pivotally supporting the body upon the running gear, hangers connected with the body and depending therebelow, said hangers being spaced longitudinally of the body, a pair of locking bolts co-operating with each of the said hangers for maintaining the car body in a horizontal

position, means operatively connecting the bolts, said means embodying formations whereby locking bolts at the opposite ends of the car body and on opposite sides of the body will be simultaneously actuated, and means for controlling at will the actuation of said locking bolts.

1,620,760. VARIABLE-SPEED POWER-TRANSMISSION MECHANISM. FRANK A. HAYES, New York, N. Y. Filed Apr. 3, 1922, Serial No. 548,948. Renewed June 15, 1925. 21 Claims. (Cl. 74—58.)

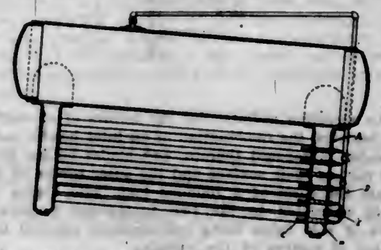


1. In a variable-speed power-transmission mechanism, in combination, a pair of gears shiftable into mesh while both are rotating, mechanism for driving one gear from the other at variable speed while the gears are unmeshed, and means controlled by said mechanism for normally preventing meshing of the gears but permitting meshing when the gears have a predetermined pitch-line velocity ratio.

1,620,761. METHOD OF PREPARING ORES FOR FLOTATION. HARRY H. HENDRICKSON, Aravaipa, Aris., assignor to Grand Central Mining Company, Phoenix, Ariz., a Corporation of Delaware. Filed Sept. 9, 1926. Serial No. 134,576. 9 Claims. (Cl. 75—18.)

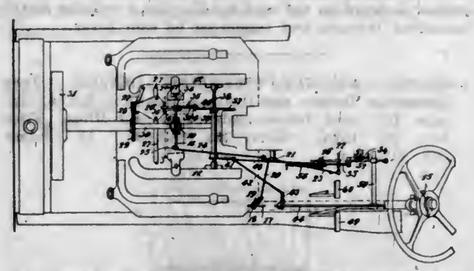
1. The method of preparing ores for flotation, which comprises treating the comminuted ore with a sulphidizing agent and water heated above 130 degrees Fahrenheit.

1,620,762. SOOT-BLOWING APPARATUS FOR WATER-TUBE BOILERS. JOHN H. HINMAN, St. Louis, Mo., and ROBERT F. BURKE, Phoenixville, Pa., assignors to Heine Boiler Company, St. Louis, Mo., a Corporation of Missouri. Filed July 24, 1924. Serial No. 727,918. 2 Claims. (Cl. 122—390.)



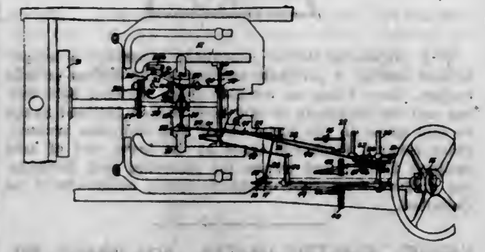
1. In a water tube boiler, the combination of a hollow stay bolt, a steam jet nozzle that projects inwardly through said stay bolt, a steam supply header, a pipe reducer that joins said nozzle to said header, means for preventing said header from moving with respect to the end of the stay bolt, and an adjustable closure for the stay bolt arranged between the pipe reducer and the stay bolt and adapted to be adjusted independently of said reducer and said bolt so as to force said closure tightly against the outer end of the stay bolt.

1,620,763. SPEED-CONTROLLING APPARATUS FOR INTERNAL-COMBUSTION ENGINES. EDWARD T. HULL, New York, N. Y. Filed July 25, 1922. Serial No. 577,462. 5 Claims. (Cl. 192—01.)



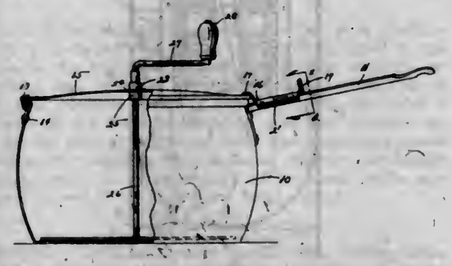
1. Means for controlling the speed of the internal combustion engine of a motor vehicle, including a fuel supply controller, means for moving said controller to idling speed position upon disengaging the clutch between the engine and the mechanism driven thereby, and manually actuated operating mechanism for said controller independent of said means whereby the speed of the engine may be varied at will while the clutch is disengaged.

1,620,764. SPEED-CONTROLLING APPARATUS FOR ENGINES. EDWARD T. HULL, New York, N. Y. Filed May 16, 1923. Serial No. 639,306. 9 Claims. (Cl. 74—107.)



1. A vehicle having an engine motive fluid controller, an automatic speed governor operated by the engine, a brake lever, operating connections between said lever and said controller, and yielding connections between said speed governor and said controller entirely independent of the first mentioned connections.

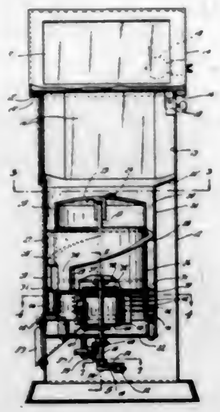
1,620,765. CORN POPPER. JOHN A. JACKSON, Des Moines, Iowa. Filed Feb. 26, 1926. Serial No. 89,628. 3 Claims. (Cl. 53—4.)



1. In combination, a vessel, a removable cover therefor, a handle on said vessel, an ear secured to the outside of said vessel and extending over the periphery

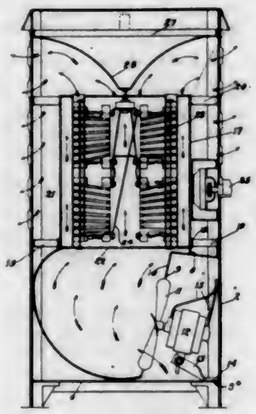
of the removable cover when the same is on the vessel, a catch member having a base portion, ears extending from said base portion and bent around said handle, a projection extending from said base portion designed to overlap the said cover when the catch member is pushed forward on the said handle, and a stirring means extending through and supported by said cover.

1,620,766. ARTICLE-DISPENSING DEVICE. JENS CHRISTIAN JENSEN and ORVILLE LEIGHROY MILES, Chicago, Ill.; said Jensen assignor to said Miles. Filed Jan. 25, 1924. Serial No. 688,483. 10 Claims. (Cl. 211—8.)



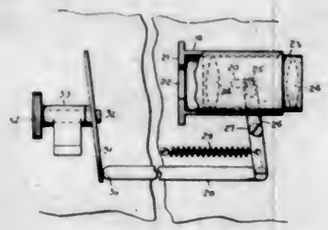
1. A dispensing device comprising a casing; a hopper in said casing; a rotatable member at the bottom of said hopper, there being an annular space between said casing and the periphery of said member; an inclined flange in said space on the periphery of said rotatable member, there being a discharge space at the lower end of said inclined flange; and means for removing and discharging articles from said discharge space, substantially as described.

1,620,767. ELECTRIC HEATER. AXEL JOHNSON, Oakland, Calif. Filed June 1, 1926. Serial No. 112,834. 6 Claims. (Cl. 219—34.)



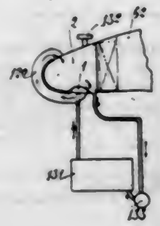
1. A portable electric heater comprising a heater casing provided near its upper end with louvered air outlet ports disposed circumferentially about the same, an air circulation duct disposed vertically within the casing with its wall spaced from the casing wall, an inverted frustum overlying the discharge end of the duct for directing the air radially therefrom through said outlet ports, means for closing the lower end of the space between the casing and the duct wall, an electric heating element within the duct, and an electric fan for causing an air circulation through the duct.

1,620,768. FOCUSING DEVICE FOR MOTION-PICTURE-PROJECTING APPARATUS. HENRY W. JOY, New York, N. Y. Original application filed Feb. 5, 1924, Serial No. 690,706. Divided and this application filed Nov. 12, 1924. Serial No. 749,390. 3 Claims. (Cl. 88—24.)



1. In a motion picture projecting apparatus, a focusing element comprising a lens and an adjustable lens jacket therefor, yieldable means for imparting longitudinal movement to said jacket in one direction, and a control disc disposed obliquely to its axis of rotation and operatively associated with said first means for determining the amount of longitudinal adjustment of said jacket.

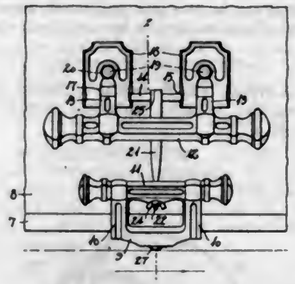
1,620,769. RADIATOR. ALEXANDRE LAMBLIN, Paris, France. Filed Oct. 24, 1923, Serial No. 670,449, and in France Nov. 10, 1922. 14 Claims. (Cl. 244—31.)



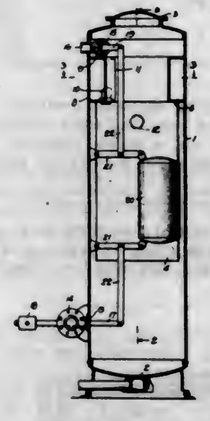
1. In a cooling radiator for the motors of aircraft and other vehicles, the combination of an inlet header, an outlet header juxtaposed thereto, and blades hollow for the major part of their surface and the outer profile of which presents the form of a rounded loop, said blades being directly connected to the two juxtaposed headers, the surface of said tubes being substantially parallel to the direction of motion of the vehicle.

1,620,770. VAULT HANDLE. CHRISTOPHER J. LEDWIDGE, Hot Springs National Park, Ark. Filed Mar. 27, 1926. Serial No. 97,969. 5 Claims. (Cl. 16—112.)

1. A device of the character described comprising a pair of spaced plates adapted to be secured to the hood of a vault and having slots, a hinge rod engaging and held by said plates and extending across the space between said plates, an upper handle connected to said rod for swinging movement and engaging in said slots, a lower handle for the bottom of the vault, and means to connect the lower handle and said rod between said plates for holding said rod and lower handle against separation with the upper handle free for swinging movement.



1,620,771. OIL AND GAS SEPARATOR. DAVID G. LORRAINE, Los Angeles, Calif. Filed May 26, 1924. Serial No. 715,894. 17 Claims. (Cl. 183—2.7.)



1. A device of the character described comprising a settling chamber, a gas chamber, a discharge from said settling chamber, a valvular control for said discharge at the exterior of the device, a gas discharge from said gas chamber, a valvular control for said gas discharge inside of said gas chamber, a float movable in accordance with the level of a flow relative to the device, and operating connections between the float and the respective valvular controls.

1,620,772. MECHANICAL TOY. HARRY E. MCCOY, Pittsburgh, Pa., assignor, by direct and mesne assignments, to The McDowell Manufacturing Company, Millvale, Pa., a Corporation of Pennsylvania. Filed Feb. 2, 1924. Serial No. 690,264. 8 Claims. (Cl. 273—86.)



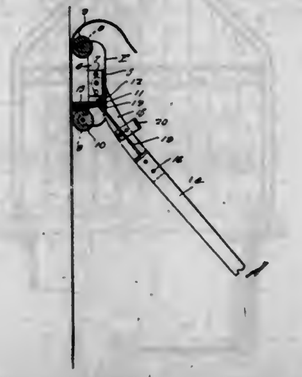
1. A toy comprising a base having its surfaces marked to represent a circular race track, a crank shaft extending over said track and provided with a plurality of cranks, a figurative object pivotally connected with each of said cranks, a motor including a drive shaft mounted on said base, said drive shaft disposed at the diametric center of said track and connected to said crank shaft for swinging the latter around over said track, and means for rotating the said crankshaft during the swinging of said crankshaft around over said track.

1,620,773. SALIVA EJECTOR. JOHN R. MACKINNON, Boston, Mass. Filed Apr. 22, 1925. Serial No. 25,052. 5 Claims. (Cl. 32—33.)



1. An ejector for saliva or the like comprising a tube the end portion of which is formed to provide a lateral opening and an integral cap securing member forwardly of said opening, a cap secured to said cap securing member, said cap having an imperforate end wall forwardly of said lateral opening and a cylindrical wall spaced from and surrounding the end of said tube, the end of the cylindrical wall of said cap opposite said end wall being substantially beveled to provide for said cap when the ejector is in operation, an air entry port and a saliva entry port, said saliva entry port being between said air entry port and the end wall of said cap.

1,620,774. COMBINATION ROLLER AND BRUSHING DEVICE. FRANK MAURER, Sekitan, Ohio, assignor of one-half to Dennis E. Gleason, North Bend, Ohio. Filed May 25, 1926. Serial No. 111,576. 2 Claims. (Cl. 216—7.)

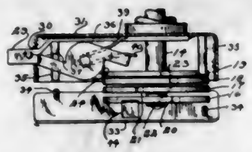


1. A device of the class described including, in combination, a U-shaped member, a pair of sides fixed to the ends of the U-shaped member and having laterally extending legs at their extremities, rollers journaled in the legs, brackets pivotally associated with the sides, a handle in the brackets, a brush pivotally mounted between the sides adjacent one roller, and connecting means between the brackets and the brush whereby the handle may be swung to vary the angle of the brush to the surface over which the rollers are being moved.

1,620,775. LOCK. CHARLES F. MEILINK, Toledo, Ohio. Filed Aug. 19, 1922. Serial No. 582,867. 1 Claim. (Cl. 70—53.)

A door having a wall, a spindle through said wall, a lock housing section into which the spindle extends, tum-

biers in said section about said spindle, a sleeve for the spindle abutting the housing section about the spindle and axially of which sleeve the spindle is shiftable into said section with said tumblers, a closure section for the housing section axially beyond the spindle, a projection fixed with said closure section, a bolt mounted in the housing section for shifting radially of the spindle to protrude



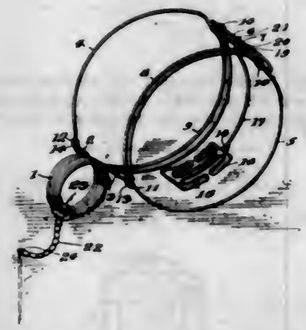
from said housing section, said bolt having a ledge in the housing section, a catch pivotally mounted in the housing section, and a torsion spring swinging said catch into held position against said projection and coacting as said projection is displaced by axial shifting of the spindle as to the sleeve to swing the catch into engagement with said bolt ledge to preclude withdrawal of the bolt.

1,620,776. TROPICAL HOUSE. TAIDE MONTERUBIO, St. Louis, Mo. Filed June 24, 1926. Serial No. 118,337. 5 Claims. (Cl. 47—17.)

1. A tropical house comprising, in combination, spaced rails providing a trackway, an artificially dug ditch being provided between portions of the rails, the walls of the ditch being unobstructed, a portable structure traveling on the rails for movement above the ditch or to a point to one side thereof, and means for locking the structure when in either of said two positions against displacement with respect to the rails, the walls of the structure having their major portions transparent.

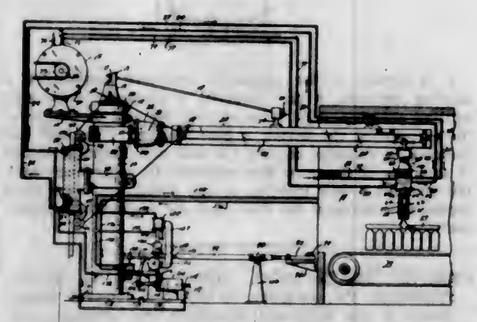
2. A tropical house comprising, in combination, spaced rails providing a trackway, an artificially dug ditch being provided between portions of the rails, the walls of the ditch being unobstructed, a portable structure traveling on the rails for movement above the ditch or to a point to one side thereof, means for locking the structure when in either of said two positions against displacement with respect to the rails, the walls of the structure having their major portions transparent, and wheels carried by the portable structure directly engaging the rails, said rails being provided with depressions to receive the wheels when the portable structure is properly positioned over the ditch and to cause the structure to have a slight drop.

1,620,777. ANIMAL TRAP. EDGAR A. NERBY, Milwaukee, Wis. Filed Nov. 2, 1925. Serial No. 66,342. 6 Claims. (Cl. 43—85.)



1. A trap including oppositely arranged pairs of upper and lower coacting bails, end wires connecting the pairs of bails together, and a trigger connected with at least one of said end wires for holding the jaws in their set positions.

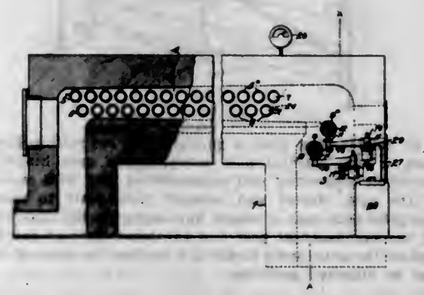
1,620,778. CARRYING-IN DEVICE FOR LEERS. EARL R. ODOM, St. Louis, Mo. Filed June 4, 1923, Serial No. 643,320. Renewed Sept. 28, 1926. 34 Claims. (Cl. 198—31.)



1. The combination with a leer having an intermittently movable conveyor and an article support in front of the leer, of automatically operating means successively engaging a plurality of the articles on the support, carrying a plurality of articles into the leer, depositing the articles in the leer in a line, returning to its initial position, and again engaging a second lot of articles.

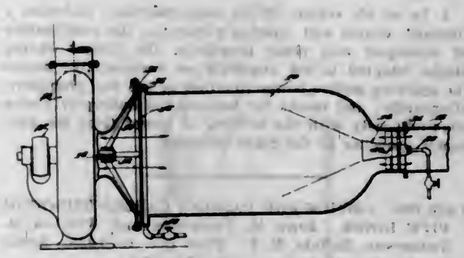
34. A carrying-in mechanism of the character described including a supporting structure, a beam extending therefrom, the beam and the supporting structure being provided one with a ball and the other with a socket receiving the ball whereby said beam may move laterally in a horizontal plane and vertically, a carrier mounted on the beam for longitudinal movement therealong, ware-engaging members mounted on the carrier, means for reciprocating the carrier on the beam and operating said ware-engaging members, and means for giving the beam a step by step motion in one direction and after a predetermined number of steps returning the beam to its initial position.

1,620,779. HARDENING STEEL ARTICLES. DAVID STANISLAUS O'DONOVAN, Vogelfontein, Transvaal, South Africa, assignor to O'Donovan Furnaces Limited, Johannesburg, South Africa. Filed Dec. 9, 1922, Serial No. 605,927, and in the Union of South Africa Oct. 7, 1922. 31 Claims. (Cl. 263—6.)



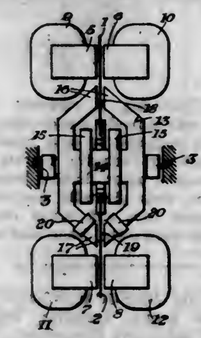
1. The process of heating a magnetic metal body which consists in so movably supporting the body that its movement is not substantially influenced by its weight, retaining the body in a heating zone by the attraction of a magnet on the body, and at the same time applying to the body a force tending to withdraw it from the heating zone.

1,620,780. AIR-CLEANING APPARATUS. FRED FORREST PEASE, East Braintree, Mass., assignor to F. F. Pease Inc., Boston, Mass., a Corporation of Massachusetts. Filed Apr. 5, 1923, Serial No. 630,624. Renewed July 29, 1926. 2 Claims. (Cl. 183—13.)



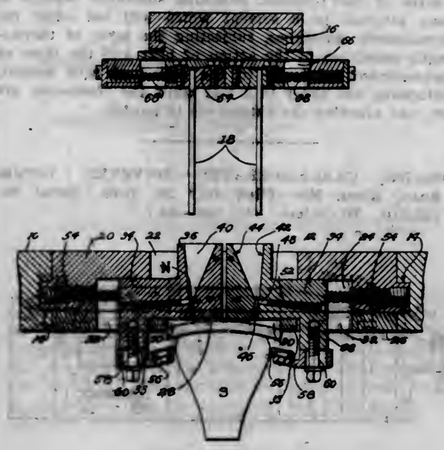
1. Air cleaning apparatus comprising an elongated settling chamber, a rotary atomising cup positioned at one end of the chamber, an air intake surrounding the atomising cup and adapted to be impregnated with liquid spray from the cup, a rotary screen separator located at the opposite end of the chamber and designed to remove entrained liquid and impurities from the air, and means beyond the screen separator for causing a movement of air and liquid through the chamber.

1,620,781. ALTERNATING-CURRENT RELAY. LESLIE HORST PETER, King's Cross, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed July 15, 1925, Serial No. 43,778, and in Great Britain Nov. 1, 1924. 4 Claims. (Cl. 175—338.)



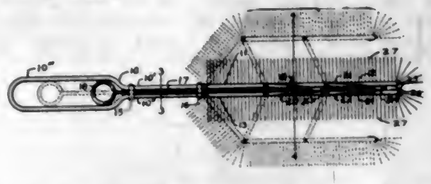
1. A relay comprising two separate magnetic circuits, two windings one for creating an alternating magnetic flux in each said circuit, and a movable member controlled jointly by the fluxes in said circuit and arranged to be operated only when the flux in one of said circuits is above a predetermined frequency.

1,620,782. NAILING MACHINE. ELMER R. POPE, Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 27, 1922. Serial No. 603,576. 17 Claims. (Cl. 1—16.1.)



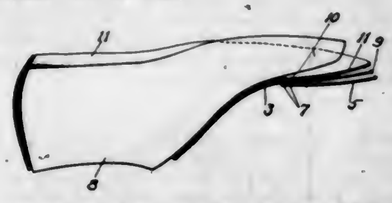
1. In a heel-seat-nailing machine, a plurality of nail-inserting mechanisms including independently movable sections, the sections having position-determining projections contacting adjacent to the rand-crease with the counter-portion of a shoe to be nailed and arranged to determine the relation of the points of insertion of the nails in the outsole to said rand-crease.

1,620,783. BRUSH. IRWIN E. RICE, Denver, Colo. Filed July 24, 1925. Serial No. 45,760. 2 Claims. (Cl. 15—165.)



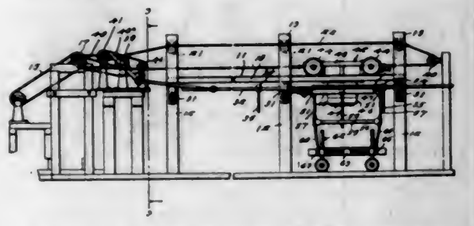
1. A brush comprising a skeleton handle, spaced collars on said handle whereby a slide bearing is formed, a push rod slidingly mounted in said handle and adapted for manual adjustment relative thereto, channel bars pivoted to said handle, other channel bars pivoted to the first channel bars, rods pivotally connecting said push rod to said channel bars and brush elements mounted on and projecting outwardly from said channel bars.

1,620,784. ART OF MANUFACTURING SHOE STIFFENERS. FRED RICKS, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 28, 1925, Serial No. 19,160, and in Great Britain Apr. 11, 1924. 9 Claims. (Cl. 12—146.)



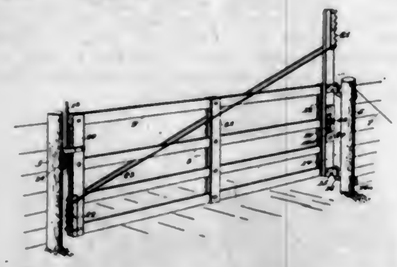
1. The method of making stiffened parts of boots and shoes which comprises placing in the upper in superposed relation a layer of thermoplastic stiffening substance and a layer of heat-resistant stiffening substance capable of being softened by a solvent which will not affect the thermoplastic substance, subjecting the layer of thermoplastic substance to the action of heat and the layer of heat-resistant substance to the action of said solvent, conforming the upper to a last while the substances are soft, and allowing the substances to harden.

1,620,785. CABLE-OPERATED CONVEYER. LUTHER ROAN, Rives, Mo. Filed July 20, 1926. Serial No. 123,710. 10 Claims. (Cl. 104—88.)



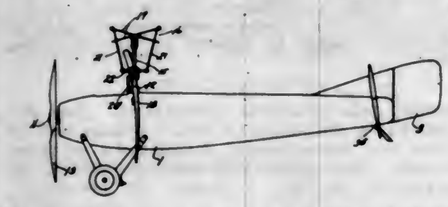
1. A conveyer of the character described comprising a supporting section, a track thereon, a carriage movable on the track, a shaft having a drum, a cable extending over the drum and connected at opposite ends to the carriage, guides for the cable, driving means for said shaft, manually controlled means located at a loading point whereby the shaft may be connected to the driving means to drive the shaft in a direction to move the carriage away from the loading point, manually adjustable means movable into the path of movement of the carriage and acting to automatically disconnect the shaft from the driving means when the carriage engages said adjustable means, and manually controlled means for connecting the shaft to its driving means and driving the shaft in a direction to return the carriage to the loading point.

1,620,786. FARM GATE. JOHN C. SCHULTE, Norway, Iowa. Filed July 23, 1925. Serial No. 45,624. 1 Claim. (Cl. 39—82.)



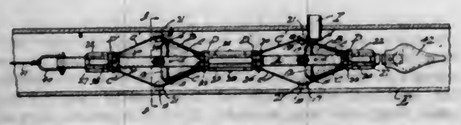
In combination with a gate and its supporting hinge-post, a supplemental post carrying the gate hinges, a pivot-bolt connecting said supplemental post with one end of the gate, slotted and recessed cheek-plate to receive the pivot-bolt, and a looped guy engaging the upper end of the supplemental post and the lower part of the free end of the gate, with means for holding the ends of said guy in adjusted positions.

1,620,787. COMBINED AIRPLANE AND HELICOPTER. WALTER L. THOMAS, Fruitland, Fla. Filed Sept. 27, 1926. Serial No. 137,899. 3 Claims. (Cl. 244—15.)



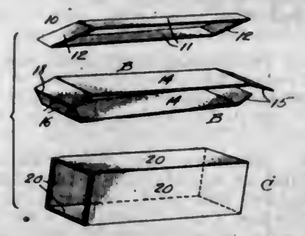
1. In an air vehicle of the class described, including a fuselage, engine and steering elements; the combination of helicopter and plane propellers, the former having blades adapted to set angularly or horizontally; means for applying motive power to either of the two propellers, alternately; and means for leveling the helicopter blades simultaneously with the shifting of power from the helicopter propeller to the plane propeller.

1,620,788. DEVICE FOR PASSING CABLES THROUGH PIPE LINES. JOHN M. THOMPSON and WILLIAM H. THOMPSON, Buffalo, N. Y. Filed Dec. 10, 1925. Serial No. 74,429. 10 Claims. (Cl. 175—376.)



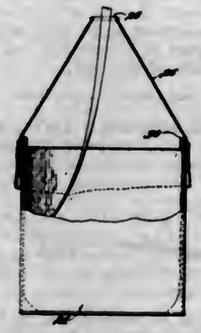
1. In a device for passing cables through pipe lines, the combination of a rod, a cup-shaped propelling member of flexible material arranged on said rod, and a plurality of pairs of arms, each of said arms of a pair being yieldingly connected at one end to said rod and the other ends of said arms being pivotally connected together, the arms of each pair extending outwardly from said rod in opposite directions, one arm of each pair being adjacent to said cup-shaped member, whereby said arms will be deflected inwardly toward said rod when meeting obstructions in the pipe line while said device is moving in either direction, the inward deflection of an arm by an obstruction causing said cup-shaped member to be deflected away from said obstruction.

1,620,789. CARTON. GEORGE URBAN, Jr., Cheektowaga, N. Y. Filed Apr. 1, 1924. Serial No. 703,426. 2 Claims. (Cl. 229—10.)



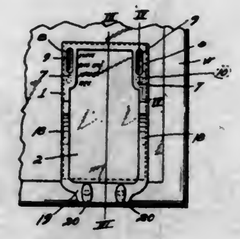
1. In a carton adapted to support a plurality of articles in rows arranged face to face, the combination of a pair of open sided frames in which the articles are arranged in rows, said frames being placed together with an open face of each frame facing an open face of the other frame, a folder surrounding said frames and extending around the opposite open faces thereof, and an open ended sheath into which said folder with the frames arranged therein is inserted endwise, each end of the folder being secured to one end of each frame.

1,620,790. APPARATUS FOR USE IN HANDLING WELTING. GEORGE E. WARREN, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Original application filed June 27, 1919, Serial No. 307,129. Divided and this application filed Jan. 8, 1921. Serial No. 435,911. 4 Claims. (Cl. 206—1.)



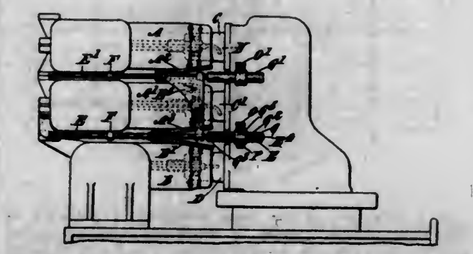
4. A receptacle for handling welting comprising a permeable bag for the welting, a protective casing open at top and bottom for surrounding and supporting the bag, and a protective cover for the top of the casing, the bag being doubled back over the top of the casing and the cover being constructed with a depending portion to fit within the bag to hold the sides of the bag in place.

1,620,791. AUTOMOBILE IDENTIFICATION DEVICE. STRAUD K. WOOD, Hutchinson, Kans. Filed Aug. 13, 1923. Serial No. 657,013. 3 Claims. (Cl. 40—2.2.)



1. The combination of a frame open at one of its faces, a glass plate fitting within and closing said open face of the frame, a card within the frame and fitting flatwise against the inside face of said glass plate and having an opening, and a mutilating element secured in said frame and engaged in said card opening, said element being adapted to mutilate a portion of the card upon the withdrawal of said card, the frame, card and mutilating element being so arranged that the card cannot be removed from the frame without mutilation.

1,620,792. METAL-CLAD ELECTRIC SWITCH GEAR OF THE DRAW-OUT TYPE. WILLIAM ANDERSON, Hebburn-on-Tyne, and HENRY WILLIAM CLOTHIER, Wallsend-on-Tyne, England, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England, a Company of Great Britain. Filed Feb. 4, 1926, Serial No. 86,103, and in Great Britain Apr. 2, 1925. 5 Claims. (Cl. 175—298.)

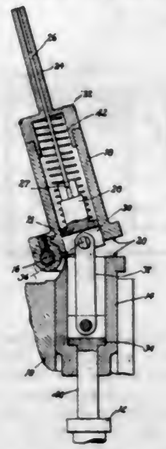


1. In electric switchgear of the draw-out type having sockets on the fixed portion provided with doors which are opened and closed by the reciprocation of operating rods attached to the draw-out portion, the combination with one of said doors of gear between it and its operating rod, such gear being actuated by the door itself when it is opened to free the operating rod from positive engagement with the draw-out portion.

1,620,793. SUPPORT. WILLIAM RODERICK BARCLAY and WILFRID THOMAS MINETT, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed June 20, 1924, Serial No. 721,198, and in Great Britain July 24, 1923. 8 Claims. (Cl. 1—32.)

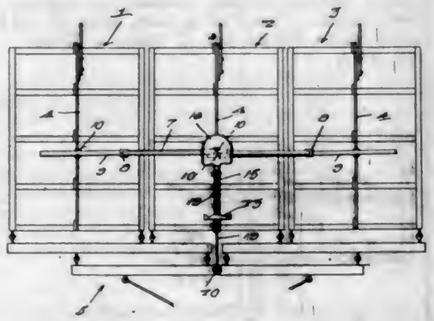
1. A jack comprising a body-portion, a spindle projecting from said body-portion and arranged to enter an

opening in a last, the spindle having passages situated at opposite sides of and parallel to its axis, a carrier mount-



ed to reciprocate in the body-portion, and drivers mounted upon the carrier at opposite sides of its axis and extending into the spindle-passages.

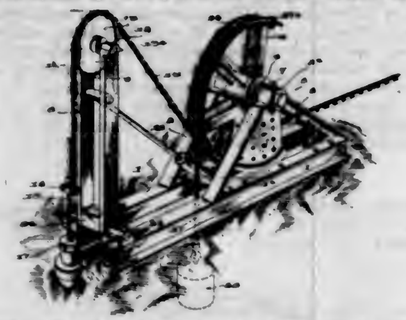
1,620,794. HARROW-WEIGHT-DISTRIBUTING DEVICE. ROY L. BARTON, Milton, Iowa. Filed Nov. 21, 1925. Serial No. 70,643. 1 Claim. (Cl. 55—84.)



In a structure of the class described, a plurality of individual harrow frames, a draft appliance connected with the forward ends of said frames, a centrally disposed bar extending longitudinally of each frame, two-way connectors mounted upon the central portions of said bars, a pair of pipes pivotally connected at their opposite ends to said connectors, a vertical arch having the lower ends of its arms pivotally connected with the intermediate portions of said pipes, an extensible connection between the central portion of the arch and said draft appliance, and a seat supported adjacent the central part of said arch.

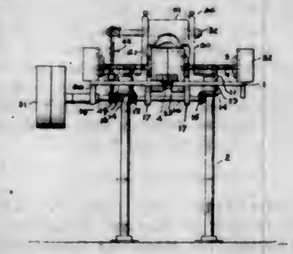
1,620,795. PUMP JACK. LEE J. BLACK, Beaumont, Tex. Filed Aug. 24, 1926. Serial No. 131,251. 10 Claims. (Cl. 74—5.)

1. A pump jack comprising a frame, a power wheel journaled upon said frame, a mast swingingly mounted upon said frame and having a pulley journaled thereon and positionable over the well casing head, a flexible polished rod operating connection trained over said pulley and driven by said power wheel, an adjustable brace for said mast whereby the mast may be swung from its operative position to a point clear of the casing head, said power wheel including spaced rim supporting web sections, a reciprocatory jack line for operating said power



wheel, and variably positionable means carried between said web sections for connecting said line to the wheel at various points with respect to its axis.

1,620,796. MACHINE FOR CORRECTING IRREGULARITIES IN FLANGES OF CANS PRELIMINARY TO SEALING THE CANS. GEORGE W. BLANKENHORN, San Francisco, Calif.; Pauline E. Witherby guardian of the estate of said George W. Blankenhorn. Filed July 31, 1922. Serial No. 578,594. 4 Claims. (Cl. 153—32.)



1. A machine for correcting irregularities in cans having lateral flanges at the open ends thereof and preliminary to sealing the cans comprising a support, means for moving cans to and from the support, a rotary member on the support operating to engage and restore to normal shape the upper ends of cans passing beneath said member and during movement of the cans, said member having a projection adapted to extend into and press into true shape the open ends of the cans.

1,620,797. ARCH SUPPORT. BARNEY S. BONAVENTURE, New York, N. Y. Filed Mar. 13, 1925. Serial No. 15,297. 3 Claims. (Cl. 36—1.)



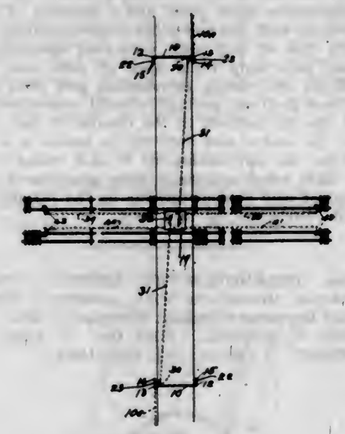
1. As an article of manufacture a foot support for insertion in a ballet slipper to rest upon the insole, said support including a flexible strip having a transverse slit extending backwardly from its front end and terminating in the intermediate or arch portion of the strip, a bowed spring between the layers of the slit portion along the longitudinal center thereof and fixedly connected to one layer of the slit portion, and an adhesive for holding together the slit portion of the strip at the sides of the bowed spring.

1,620,798. LICENSE HOLDER. HENRY E. BUTLER, Scotia, N. Y. Filed Dec. 1, 1926. Serial No. 152,017. 3 Claims. (Cl. 40—10.)



1. A holder for a license or the like comprising a button having means for attaching it to a garment and a paper, said holder comprising a wall having an opening, means carried by the wall for supporting a button with its attaching means exposed through said opening, and means which forms with said wall a pocket for holding a paper.

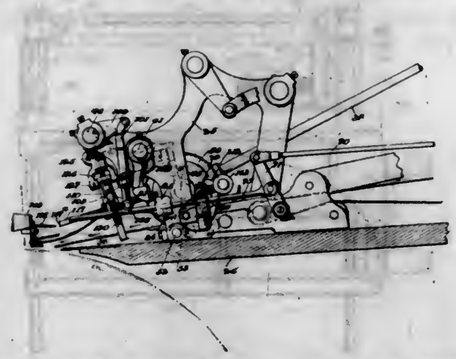
1,620,799. AUTOMATIC SAFETY GATE FOR RAILROAD CROSSINGS. GEORGE F. CARSON, Memphis, Tenn. Filed Dec. 4, 1926. Serial No. 152,588. 3 Claims. (Cl. 246—125.)



1. A safety device for highway-railroad crossings comprising a supporting and a stop post, disposed on opposite sides of said highway adjacent said railroad, a box adjacent said supporting post, said box having a slot in the top, and a groove in the bottom thereof leading toward said post, a rigid gate of width to span said highway when closed thereacross, having a pivot post at one end thereof stepped in said slot and groove and spaced from said supporting post, a tension support extending from the free end of said gate to the top of said supporting post, buffer springs secured to said posts and adapted to lie between said gate and said posts when said gate is closed across said highway, and means for swinging said gate into closed position on the approach of a train and to open position on the passage of said train.

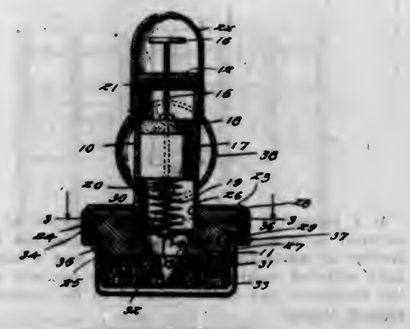
1,620,800. AUTOMATIC THROW-OUT MECHANISM FOR PRINTING PRESSES AND THE LIKE. CARL E. CHRISTOPHEL, Pearl River, N. Y., assignor to Dexter Folder Company, Pearl River, N. Y., a Corporation of New York. Filed May 9, 1923. Serial No. 637,826. 9 Claims. (Cl. 192—126.)

2. In a sheet feeding machine, the combination of a throw-out mechanism, means controlling the operation of the same including a shaft, a pair of front registry detecting elements operated from said shaft, a side registry detecting element on each side of the machine mounted on said shaft and depending therefrom and projecting into the path of the sheets, means controlled by



said elements preventing the rotation of said shaft when the sheet is out of registry with the front elements and one of said side elements, said front elements and one of said side elements being moved by the sheet when it is properly positioned to permit movement of said shaft.

1,620,801. LIQUID-POLISH APPLIER. WILL A. CLARK, St. Louis, Mo. Filed Apr. 8, 1926. Serial No. 100,646. 2 Claims. (Cl. 15—123.)



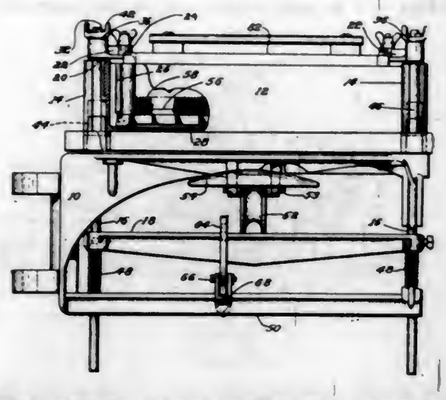
1. A dauber pad for use in applying polish comprising a cap having a central aperture for the passage of polish, a block fitting the cap and having a groove formed in the side wall thereof in opposition to the side wall of the cap, said block having a central opening, a pad secured to the outer face of the block and likewise having a central opening, a porous covering for the pad and block, a retaining element engaging the covering and maintaining the same within the groove and means retaining the block, pad and covering in position within the cap.

1,620,802. APPLYING APPARATUS. JOHN W. COSGROVE, Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed May 13, 1925. Serial No. 30,013. 16 Claims. (Cl. 91—46.)

2. An applying apparatus comprising a receptacle, a grid movable in the receptacle, and a work-engaging helix secured to the grid at one side only thereof.

16. The combination with a frame, of a receptacle supported thereon, a rod movable in the frame and having

a shoulder, a projection spaced from the shoulder, a grid situated in the receptacle and resting upon the shoulder below the projection, and a retaining member arranged



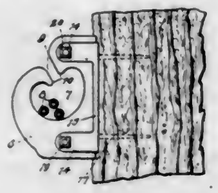
to turn about the rod and provided with a cam-surface contacting with the projection and arranged in its rotation to clamp the grid against the shoulder.

1,620,803. COLLAPSIBLE RECEPTACLE. JOHN B. CURRAN, Westfield, Mass., assignor, by mesne assignments, to The Fuller Brush Company, Hartford, Conn., a Corporation of Connecticut. Filed Jan. 25, 1924. Serial No. 688,442. 3 Claims. (Cl. 150—49.)



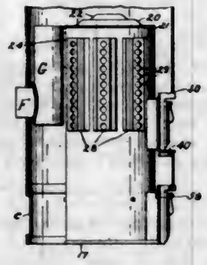
1. A receptacle having a bottom composed of flexible material, a stop-cock secured to said bottom for the outflow of liquid from the receptacle, and a support of rigid material secured at its ends to opposite sides of the receptacle and rigidly secured to the stop-cock for support thereof.

1,620,804. INSULATOR. SCOTT C. CUTTER, Oswego, Ill. Filed Aug. 13, 1924. Serial No. 731,731. 2 Claims. (Cl. 173—321.)



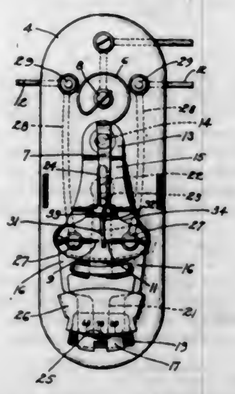
1. An insulator mounting comprising a back piece having a substantially curved surface against which an insulator may be disposed, two pairs of ears extending from the back piece, one pair being adapted to embrace the upper portion of the insulator and the other pair being adapted to embrace the lower portion of the insulator, a member connecting each pair of ears adapted to fasten the insulator to the mounting and means back of each pair of ears for enabling the mounting to be attached to a support.

1,620,805. FURNACE. ROBERT K. DAWSON, Akron, N. Y. Filed Oct. 2, 1926, Serial No. 139,188, and in Canada Jan. 30, 1925. 6 Claims. (Cl. 126—99.)



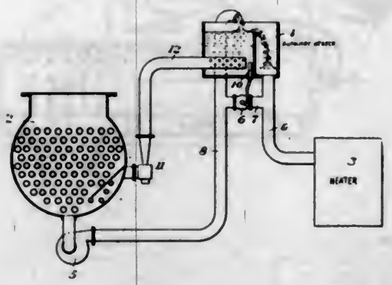
1. In a furnace having an outer casing, a heater arranged in said casing and including a tubular shell within which combustion takes place, and a plurality of channel strips secured with their open faces approximately against the outer face of said shell to extend upwardly along the same, each strip being open at both ends to the space within said casing surrounding said shell and all spaced apart from one another laterally around said shell, whereby the air confined in the channel of each of said strips by the wall of said shell will be heated to a greater extent than the surrounding air in said casing and will have a stack effect causing a more pronounced upward movement of said surrounding air by the injector action of the air discharged by said flues.

1,620,806. THERMOELECTRIC SWITCH. FREDERICK S. DENISON, Minneapolis, Minn., assignor to Minneapolis Heat Regulator Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Dec. 10, 1923. Serial No. 679,657. 7 Claims. (Cl. 200—139.)



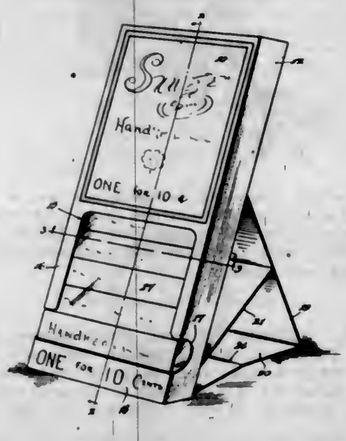
1. A device of the class described comprising a base, a thermo element thereon, a plate pivoted to the base and having a pair of contacts, a finger carried by and rockably engaged with said pivoted plate, and arranged between the contacts, and a tension element connecting the finger and thermo-element and holding said finger rockably engaged on its movable supporting plate.

1,620,807. WATER-HEATING SYSTEM FOR POWER PLANTS. RAYMOND N. EHRHART, Pittsburgh, Pa., assignor to Elliott Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 19, 1920. Serial No. 382,655. 11 Claims. (Cl. 257—24.)



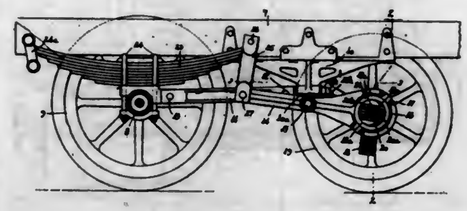
1. In feed-water-heating apparatus of the character described, the combination with a condenser and a steam ejector arranged to exhaust the air and steam from the condenser, of a main feed water heater, an auxiliary feed water heater receiving heat from said ejector and vented to the atmosphere, a pump for delivering water from the condenser to said heaters, a bypass in the connection from the pump to the heaters, and means for automatically controlling the flow of water through said pipes and thereby the amount of water flowing from the auxiliary heater.

1,620,808. HANDKERCHIEF-DISPLAY CASE. RAY W. ELDRIDGE, Orleans, Vt. Filed June 11, 1925. Serial No. 36,510. 1 Claim. (Cl. 211—8.)



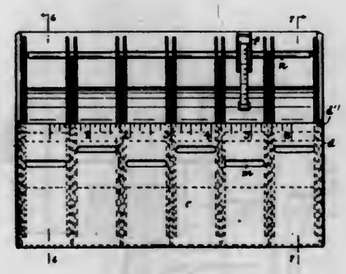
A flat oblong casing for displaying articles provided with means for supporting it upon end in upright position, and having a sight opening in the lower portion of its front and retaining flanges at opposite sides of the sight opening, said flanges terminating a distance from the bottom of the sight opening to provide a discharge slot, and having finger notches in the side walls in line with the said discharge slot, and having a cross strip connecting the bottom and side walls below the discharge slot an article resting upon the bottom of the casing with its upper surface in a plane with the upper edge of the cross strip to support the article immediately thereabove in a position for delivery through said slot and across the bar.

1,620,809. VEHICLE RUNNING GEAR. ALBERT H. FAGER, Los Angeles, Calif. Filed July 7, 1926. Serial No. 121,030. 11 Claims. (Cl. 180—22.)



1. The combination of a vehicle frame, members at opposite sides connected with the frame for upward and downward movement, and a wheel axle having an oscillatory connection with one of said members and an oscillatory and sliding connection with the other member.

1,620,810. DISPLAY CONTAINER. HERMAN A. FEIGELMAN, Paterson, N. J. Filed Dec. 4, 1924. Serial No. 753,859. 3 Claims. (Cl. 206—52.)

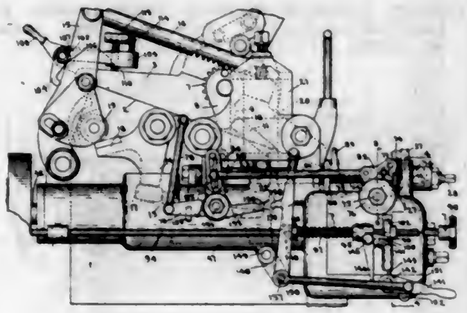


1. A container of stiff sheet material including a rectangular bottom and four walls upstanding from and integral with the bottom, each of two opposite walls having at each end an integral extension bent toward the other of such two walls and each two corresponding extensions being arranged inside of the adjoining one of the other two opposite walls and each of the latter two walls having a flap folded over and down inside of the two adjoining extensions, said flaps having openings arranged above the bottom whereby to form bearings for the axial support of an article to be rotatively supported in the container.

1,620,811. WORK-SETTING MEANS FOR GEAR-GENERATING MACHINES. EDWIN R. FELLOWS, Springfield, Vt., assignor to The Fellows Gear Shaper Company, Springfield, Vt., a Corporation of Vermont. Filed Jan. 27, 1923. Serial No. 615,315. 37 Claims. (Cl. 51—52.)

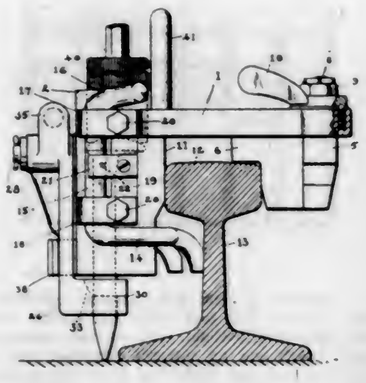
1. A generating machine of the character set forth including a reciprocating carriage, a spindle rotatable on said carriage, means for rotating the spindle when the carriage is reciprocated, mechanism for giving increments of rotary feed movement to the spindle, timing mecha-

nism for causing such increments of feed movement to take place in alternation with a series of reciprocating movements of the carriage, a locating means for placing



the carriage in a definite position, and a gage mounted adjustably on the carriage and adapted to determine the position of a work piece on said spindle.

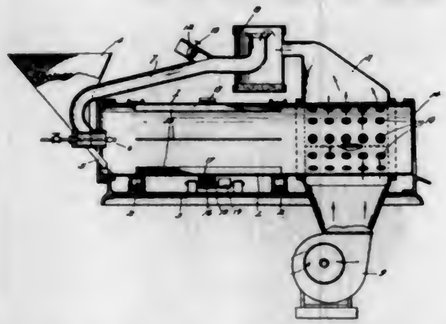
1,620,812. APPARATUS FOR DRIVING RAILROAD SPIKES. JOHN G. FOGARTY, West Webster, N. Y., assignor of one-fourth to Sweeney and Boland, Rochester, N. Y., a Copartnership consisting of Michael E. Sweeney and Patrick T. Boland. Filed Apr. 19, 1926. Serial No. 103,168. 10 Claims. (Cl. 1—47.)



1. In an apparatus for locating and guiding railroad spikes, the combination of a supporting frame, a guide sleeve on one side of said frame, a supporting jaw at the other side of said frame, and a pair of yielding jaws mounted at the lower end of said guide sleeve, said yielding jaws being adapted to hold a spike in an upright position in said guide sleeve and locate the end of said spike in a predetermined position on the tie with relation to the base of the rail.

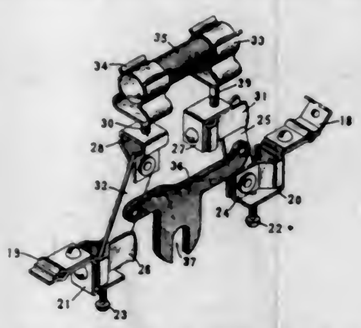
1,620,813. PROCESS OF MAKING ASPHALTIC ROAD MATERIAL. JOHN D. FORRESTER, Kansas City, Mo., assignor to Peter J. McInerney, Dallas, Tex. Filed Nov. 30, 1925. Serial No. 72,205. 4 Claims. (Cl. 106—31.)

1. A process of making asphaltic road material, comprising the steps of properly grading a mineral aggregate, heating the same to dryness, separately heating an asphaltic binder and adding a hydrocarbon solvent to increase its fluidity, incorporating into the asphalt



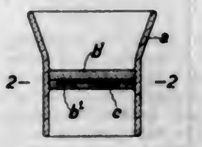
mix while hot a filler comprising an argillaceous material and intimately combining the final asphaltic mixture with the dried mineral aggregate.

1,620,814. ELECTRIC SAFETY SWITCH. BENJAMIN E. GETCHELL, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed July 13, 1926. Serial No. 122,060. 9 Claims. (Cl. 200—114.)



1. A switch comprising an insulating base, a switch contact and a hinged blade carried thereby, an insulating fuse receptacle carried by the base, a switch contact and a hinged blade carried by said receptacle and a link connecting said blades.

1,620,815. FILTER. MORDKO HERSCHKOWITSCH and PAUL PRAUSNITZ, Jena, Germany, assignors to the Firm Schott & Gen., Jena, Germany. Filed June 12, 1924, Serial No. 719,685, and in Germany June 27, 1926. Serial No. 94,503. 2 Claims. (Cl. 248—37.)



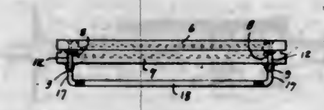
In a filter a porous body of fritted glass particles, and a non-porous glass vessel into which the said porous body is fused.

1,620,816. ARM REST. LORRN D. HOUCK, Toledo, Ohio. Filed Sept. 23, 1926. Serial No. 137,283. 2 Claims. (Cl. 155—198.)



1. A detachable arm rest comprising a hollow metal body and a fixture attached to the under side of the top of the body and projecting thru the side wall thereof and having an angular arm adapted to fit in a socket.

1,620,817. WINDOW-SASH ATTACHMENT. HENRI HUYARD, San Francisco, Calif. Filed Apr. 20, 1926. Serial No. 103,313. 1 Claim. (Cl. 268—134.)



An upper window sash and spaced elongated members secured at their upper ends to said sash, said members extending downwardly adjacent the sides of said sash to within a person's convenient grasp, and a transverse bar threadedly joining the lower ends of said members, said bar being detachable from said members, a lower window sash and guide means on said lower sash for said members.

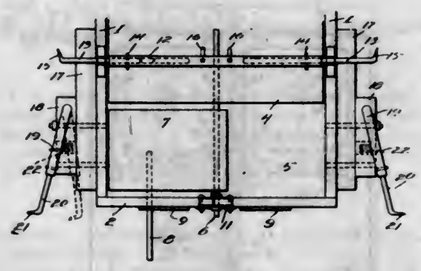
1,620,818. TIRE FLAP. JOE JACOBS, Denver, Colo. Filed Sept. 24, 1925. Serial No. 58,297. 2 Claims. (Cl. 152—20.)



1. A tire flap comprising a strip of cord fabric having the cords extending transversely thereof and a rubber covering on each side of the strip.

1,620,819. BAG HOLDER. FRED A. JOHNSON, Wolverton, Minn. Filed May 26, 1925. Serial No. 33,004. 3 Claims. (Cl. 83—44.)

1. In a structure of the class described, a table frame, bag holding means supported on said frame and including swingably mounted hooks adjacent one end of the frame, a tube supported on said frame in spaced relation to said end, additional hooks slidably mounted in the ends of said tube, a fulcrum rod extending through said end of the frame and associated with said



intermediate portion of said tube, a plate hingedly connected to said rod, and operating means for said plate extending through an opening in said frame.

1,620,820. FLAG HOLDER FOR THE MOTOMETERS AND SIMILAR DEVICES OF AUTOMOBILES. MURRAY ALBERT KANE, Johnstown, Pa. Filed Mar. 13, 1926. Serial No. 94,503. 2 Claims. (Cl. 248—37.)

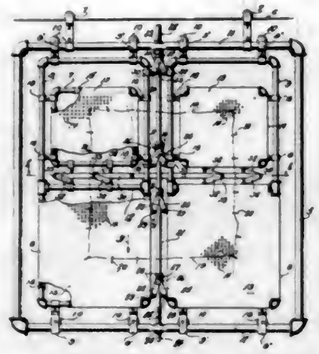


1. A flag holder for use with motometers and the like comprising two sections each formed from a sheet of metal having an opening extending to one edge thereof and being formed about the edges of the opening with an offset flange, the body of the sheet being provided with a depressed portion, said depressed portions combining in the assembled relation of the sections to produce a socket for the reception of a staff and securing elements directed through said sections for clamping the sections upon the staff and upon the ornament to which they are applied.

1,620,821. APPARATUS FOR STRETCHING AND DRYING SKINS, LEATHER, AND OTHER MATERIALS. EWALD E. KORNITZ, Milwaukee, Wis., assignor of one-half to Carl A. Bechstein, Milwaukee, Wis. Filed Feb. 8, 1923. Serial No. 617,800. 8 Claims. (Cl. 149—21.)

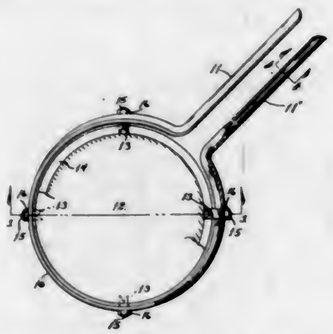
1. An apparatus of the character described, comprising supporting means, a plurality of frame members, means for attaching work to the frame members, means

connecting the frame members with the supporting means whereby they are permitted movement toward and away from each other with their work engaging surfaces



in a substantially common plane, and means connecting the frame members and operable to procure relative movement therebetween.

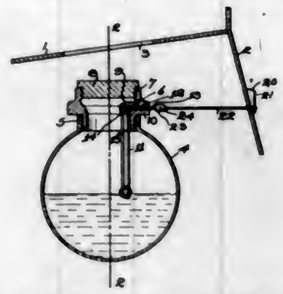
1,620,822. CARBON SCRAPER. GEORGE D. LAWSON, Fort Dodge, Iowa. Filed June 21, 1926. Serial No. 117,380. 2 Claims. (Cl. 15—104.01.)



1. A spring band of circular form and open at one point, integral handles at the ends of said band, cutting bits carried by said band and projecting inwardly thereof, said handles and the end portions of said band being curved transversely and the mid-portion of the band being plane transversely to permit bending and compression of the band by pressure on said handles.

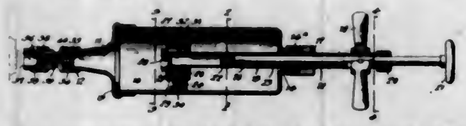
1,620,823. LIQUID-LEVEL INDICATOR. PAUL S. MARIS, Detroit, Mich., assignor of one-half to William Liston, Detroit, Mich. Filed July 8, 1925. Serial No. 42,119. 1 Claim. (Cl. 73—82.)

In a liquid level indicator for automobile tanks, the combination with a tank arranged under the cowl and having its upper end in front of an instrument board, of a bushing the lower end of which is adapted to engage a filler opening in a tank, said bushing being open at both ends and having a lateral opening therethrough, an inward projection in said bushing through which said lateral opening is formed, a depending element secured to the underside of said projection, a rod extending through and rotatably mounted in said lateral opening, a link in said bushing one end of which is fixed to said rod, a lever fulcrumed on the lower end of said element, a float on one end of said lever, a member connecting the other end of said lever with the end of the link remote from said rod, said member being raised and lowered by the rise and fall of said float and turning said link and rod,



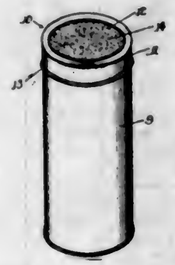
a gauge on the instrument board, a pointer on said gauge, and means connecting the rod and pointer for turning said pointer by the rotation of said rod.

1,620,824. LUBRICATING GUN. CHARLES W. MANZEL, Buffalo, N. Y., assignor to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed June 16, 1921. Serial No. 477,959. 11 Claims. (Cl. 221—47.3.)



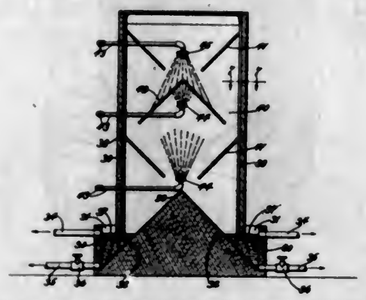
1. A compressor for supplying lubricant under pressure to a lubricant receptacle comprising a barrel provided with a rigid discharge conduit, having means at its free end for making a tight joint with said lubricant receptacle, a piston in said barrel for placing an initial pressure upon the lubricant contained therein, a second piston for increasing the pressure on the lubricant in said barrel and conduit, and a valve for controlling the passage of lubricant through said discharge conduit, the aforementioned parts being so arranged relatively to each other that when pressure is exerted upon said second piston in a direction lengthwise of said compressor, the lubricant in said barrel and discharge conduit will be placed under increased pressure, said joint will be established, and said valve opened.

1,620,825. RECEPTACLE CLOSURE. WALLACE C. MILLS, Rockford, Ill., assignor to J. L. Clark Manufacturing Co., Rockford, Ill., a Corporation of Illinois. Filed Mar. 21, 1925. Serial No. 17,261. 5 Claims. (Cl. 152—27.)



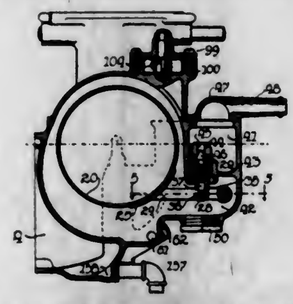
5. A receptacle closure comprising, in combination, a sheet metal wall having a portion of its surface depressed inwardly to form a shallow recess and a peripheral flange overlying said recess, and an abrasive carrying disk having its peripheral edge clamped against said depressed portion by said flange, said depressed portion having a central raised portion which serves to position part of said disk above the top of said flange.

1,620,826. SMOKE CONSUMER. WALTER C. MITCHELL, St. Louis, Mo. Filed July 6, 1925. Serial No. 41,585. 7 Claims. (Cl. 261—115.)



1. An apparatus of the character described comprising a spray pipe, a pipe from a source of combustion products' supply having a flexible joint opening into said spray pipe, means for producing sprays in said spray pipe, an enclosure into which said spray pipe opens, elements forming a tortuous passage in said enclosure, means for producing sprays in said passage, a device for drawing the combustion products through said enclosure, a tortuous passage receiving the combustion products from said device, and means for producing sprays in said second tortuous passage.

1,620,827. CARBURETOR. FRANK C. MOCK, CHARLES J. GUSTAFSON, and MILTON E. CHANDLER, Chicago, Ill., assignors to Stromberg Motor Devices Company, Chicago, Ill., a Corporation of Illinois. Filed July 10, 1918. Serial No. 244,231. 1 Claim. (Cl. 261—23.)



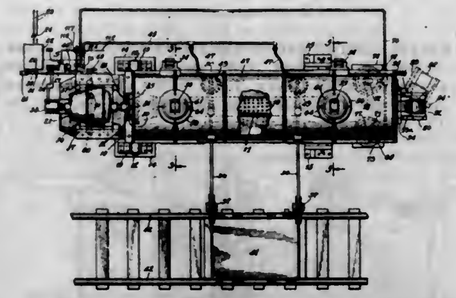
In a carburetor, the combination of a casing forming a pair of carbureting passages, a fuel nozzle in each of said passages adapted for simultaneous operation throughout the working range, a float chamber of relatively small transverse dimension located between said carbureting passages, a cylindrical float having its axis horizontal and having a pivotal support, the pivotal axis of which support is parallel with the float axis, the axis of said float lying substantially in a line connecting the discharge openings of said nozzles, the plane of flotation of said float in said float chamber normally passing substantially through the said axis of the float, and the portion of the chamber within which the various positions of the liquid fuel level lies, being substantially symmetrical about said axis, so that tilting of the carburetor produces a minimum variation of the fuel level of said nozzles.

1,620,828. HIGH-FREQUENCY VESICAL ELECTRODE. MARTIN MOLONY, San Francisco, Calif. Filed Jan. 2, 1926. Serial No. 79,866. 10 Claims. (Cl. 174—89.)



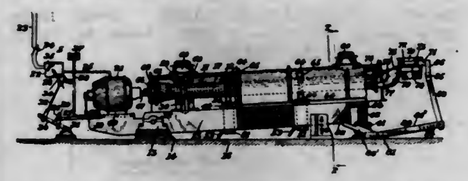
1. A vesical electrode for high frequency current comprising the combination of a fixed rod, a second rod movable relative thereto, a terminal beak pivotally attached to both of said rods, and means for moving the one rod relative to the other to angularly swing said beak.

1,620,829. METHOD OF AND APPARATUS FOR CENTRIFUGALLY CASTING METAL BODIES. WILLIAM D. MOORE and WALTER MORGAN, Birmingham, Ala., assignors, by mesne assignments, to Sand Spun Patents Corporation, New York, N. Y., a Corporation of Delaware. Filed Aug. 7, 1923. Serial No. 656,180. 116 Claims. (Cl. 22—65.)



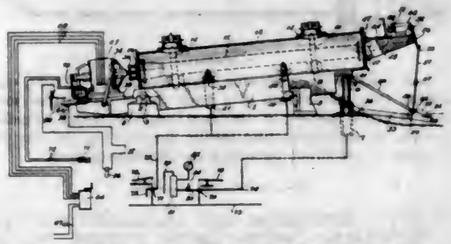
1. In the art of centrifugally casting hollow metal bodies, the method which consists in rotating a mold at a relatively low speed while the mold is in a position inclined to the horizontal, in charging the mold with molten metal, and in moving the mold from its inclined to a substantially horizontal position while simultaneously increasing the speed of rotation thereof.

1,620,830. METHOD OF AND APPARATUS FOR CENTRIFUGALLY CASTING METAL BODIES. WILLIAM D. MOORE and WALTER MORGAN, Birmingham, Ala., assignors, by mesne assignments, to Sand Spun Patents Corporation, New York, N. Y., a Corporation of Delaware. Filed Dec. 20, 1923. Serial No. 681,702. 52 Claims. (Cl. 22—65.)



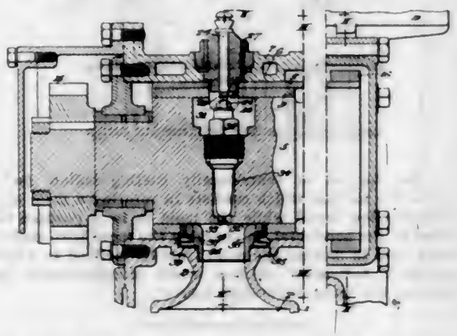
1. In the art of centrifugally casting hollow metal bodies, the method which consists in charging a mold with molten metal, in moving the same from a position inclined to the horizontal to a substantially horizontal or level position, and in operating the mold during the levelling thereof by first rotating the same at a relatively low speed during a part of the levelling period and by then increasing the speed of rotation of the same during another part of the levelling period.

1,620,831. CHARGING DEVICE FOR TILTING MOLDS. WILLIAM DAVIS MOORE, Birmingham, Ala., assignor to Sand Spun Patents Corporation, Wilmington, Del., a Corporation of Delaware. Filed July 8, 1925. Serial No. 42,168. 35 Claims. (Cl. 22—65.)



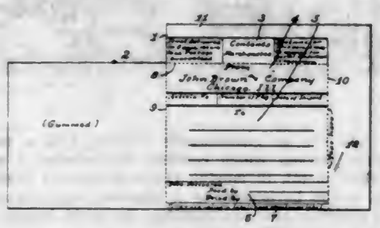
1. The step in the method of casting centrifugally in tilting molds, which consists in so timing the introduction of the charge with the movement of the mold to level position, that the longitudinal flow of substantially all of the molten metal is checked at its ultimate destination in the length of the casting.

1,620,832. INTERNAL-COMBUSTION ENGINE. FINLEY R. PORTER, New York, N. Y., assignor to Porter Engine Development, Inc., New York, N. Y., a Corporation of New York. Filed May 28, 1924. Serial No. 716,386. 15 Claims. (Cl. 123—190.)



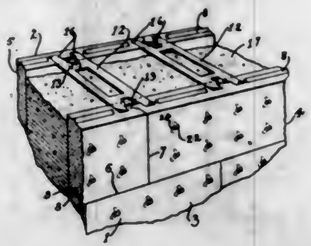
1. In an internal combustion engine, a cylinder port, a valve chest having inlet and exhaust ports, a valve for opening and closing said ports, and means to change the time of said inlet opening and exhaust closing, said means being controlled by varying throttle conditions.

1,620,833. COMBINATION LABEL. LOUIS REISS, Ryan, Iowa. Filed Dec. 7, 1925. Serial No. 73,772. 1 Claim. (Cl. 283—20.)



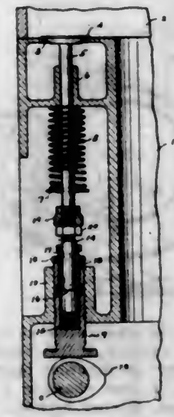
A combination label of the character described, comprising a sheet foldable into upper and lower parts of which the upper part has a margin projecting on two edges from the lower part, said margins and the said lower part having their back surfaces gummed, and the back of said upper part within said margins having a coating of duplicating pigment, said sheet being supplied with lines of perforations along their angle of folding and across said upper part between its main body and said margins for the purpose of separation of said main body by ripping along the perforated lines when desired.

1,620,834. WALL CONSTRUCTION. ELMER RHODES, Long Beach, Calif. Filed Mar. 22, 1926. Serial No. 96,498. 8 Claims. (Cl. 72—30.)



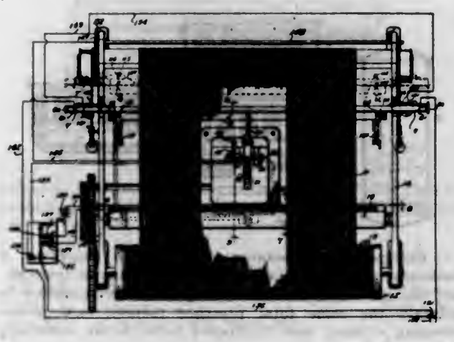
1. In a wall construction, the combination of two retaining walls disposed apart and composed of blocks laid in corresponding courses with the vertical joints of one course disposed at an intermediate point with respect to the vertical joints of the corresponding course in the other wall, and transverse bonding members connecting the retaining walls, each bonding member having one end secured in one of the retaining walls at the junction of a vertical joint with a horizontal joint and with its other end secured at a point in the opposite wall at an intermediate point between the vertical joints.

1,620,835. VALVE LIFTER. JOHN C. ROBERTS, Harrisburg, Tex. Filed June 1, 1926. Serial No. 112,828. 8 Claims. (Cl. 123—90.)



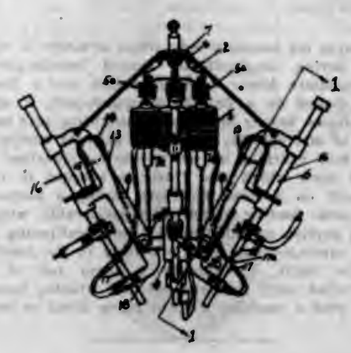
3. A valve lifter including a female member, a male member telescoping within said female member, a yieldable seat within the female member on which the male member is seated, the outer end of the male member being reduced forming an annular shoulder, a gland surrounding said male member and threaded into the female member and whose inner end opposes said shoulder, a lock nut threaded on to said gland and abutting the adjacent end of said female member and a detachable cap carried by the outer end of the male member.

1,620,836. ELECTRICAL STOP MECHANISM FOR LOOMS. FRANK F. SCHMIEGE, Appleton, Wis. Filed May 19, 1924. Serial No. 714,486. 5 Claims. (Cl. 139—341.)



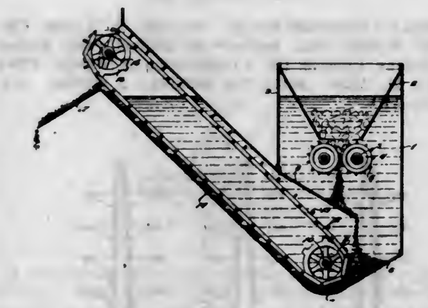
1. In a power operated loom, a swinging slay, a shuttle race-way, shuttle boxes arranged at the end of said race-way, a control circuit, a switch arranged in each shuttle box and adapted to be opened when the shuttle moves out of the shuttle box, a coil arranged on the machine and connected to said circuit, a locking member adapted to engage the slay when said coil is deenergized, a clutch controlled lever, and a rack and pinion for controlling said lever, said rack and pinion being actuated by the movement of said locking member to an inoperative position.

1,620,837. ELECTRODE-HOLDING DEVICE. RUSSELL PLATO SCHWARTZ, Cincinnati, Ohio. Filed July 6, 1926. Serial No. 120,665. 9 Claims. (Cl. 176—115.)



1. In combination with a holder, a plurality of sets of electrodes, said electrodes mounted so as to project rays of maximum intensity at acute angles to the vertical, and means of adjusting the electrode mountings so as to change the angles to the vertical of the rays projected from the electrodes.

1,620,838. METHOD OF AND APPARATUS FOR BREAKING COAL. PETER G. SEIGLE, Dunmore, and GEORGE EDGAR DEAN, Scranton, Pa. Filed Jan. 2, 1925. Serial No. 201. 4 Claims. (Cl. 83—52.)



1. Coal breaking apparatus comprising a tank, submerged breaking elements therein, a conveyer operating in the tank below the said breaking elements, and a retarding baffle plate arranged within the tank below the breaking elements and above the lower part of the conveyor.

1,620,839. DUMP-CAR UNDERFRAME. WILLIAM M. SHEEHAN, St. Louis, Mo., assignor to Commonwealth Steel Company, St. Louis, Mo., a Corporation of New Jersey. Filed Apr. 12, 1926. Serial No. 101,361. 31 Claims. (Cl. 105—270.)



1. A car underframe comprising a one-piece casting in the form of a box girder forming a center sill and having integral upstanding elements on which a tilting car body may be mounted.

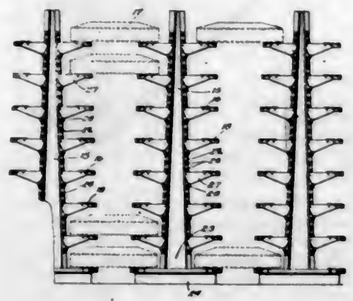
1,620,840. FLUE STOPPER. WINFIELD H. SOUTHARD, Presque Isle, Me. Filed June 16, 1926. Serial No. 116,485. 2 Claims. (Cl. 126—319.)



2. In a stopper of the class described, a cylinder having an internal circumferential rib intermediate its ends, an annular flange at its outer end and diagonally dis-

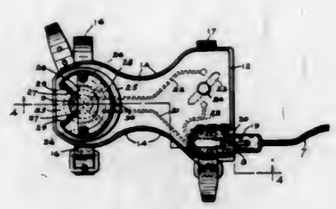
posed corrugations at its inner end, a cover disk having an inturned peripheral flange engaging over the flange of the cylinder, and a second disk positioned within the cylinder and held spaced from the cover disk by means of the said rib.

1,620,841. FENDER RACK. WALTER N. VANCE, Chicago Heights, Ill., assignor to Durand Steel Locker Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 20, 1920. Serial No. 367,563. 2 Claims. (Cl. 211—14.)



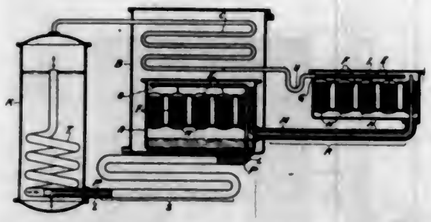
1. In a shelf or rack construction, the combination of uprights spaced apart, a cantilever arm extending from each upright so as to provide spaced horizontal, parallel, supports therefrom, each of said arms consisting of a metal member returned upon itself, a cross-support connected to the substantially extreme outer ends of said arms, a second cross-support extending between said arms at a point substantially midway between the ends of said arms and the point of attachment of said arms to said uprights, a shelf member having a downwardly bent flange underlying forward portions of said cantilever arms, the opposite end of said shelf member having a downwardly bent flange provided with a forward lip, which lip is adapted to underlie said second cross-support, thereby holding said shelf member firmly resting on said two cross-members and bridging the space between the two cantilever arms.

1,620,842. ELECTRIC HAND LANTERN. JERE VAN RENSSELAER, Jr., Council Bluffs, Iowa. Filed Apr. 13, 1922. Serial No. 552,343. 1 Claim. (Cl. 177—329.)



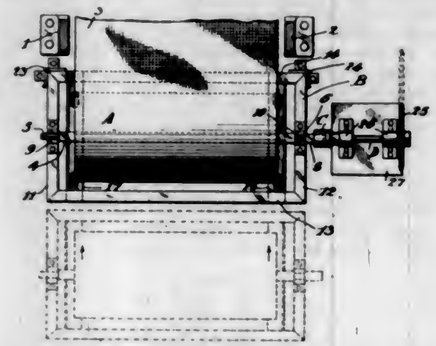
An electric hand lantern, comprising an electric lamp, a support member therefor, guard members positioned in said support member and surrounding said lamp, a removable deflector member, and means for tensioning said deflector member upon the guard members, including a fashioning of the deflector to engage the guard members, and a clasp for additionally holding said deflector in its tensioned position.

1,620,843. ABSORPTION REFRIGERATING APPARATUS. BALTHAR CARL VON PLATEN, Ystad, and CARL GEORG MUNTERS, Dalajarna, Sweden, assignors, by mesne assignments, to Electrolux Servel Corporation, a Corporation of Delaware. Filed Aug. 4, 1923, Serial No. 655,768, and in Sweden Aug. 18, 1922. 10 Claims. (Cl. 62—119.)



1. Refrigerating apparatus comprising a generator, a condenser, an evaporator, an absorber, means to interconnect the generator, condenser, evaporator and absorber to maintain the same total pressure therein, said means including a liquid seal interposed between the condenser and evaporator.

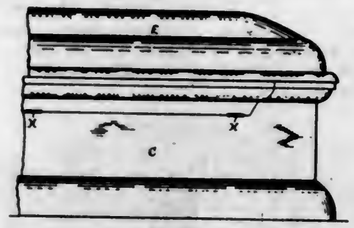
1,620,844. SPINDLE CARRIAGE AND CLUTCH. MAURICE WALKER, New York, N. Y. Filed Mar. 27, 1924. Serial No. 702,369. 1 Claim. (Cl. 242—55.)



Apparatus for handling long strips of fabric, a winding spindle having longitudinally spaced bearing-portions; an intermediate fabric winding portion and a free end portion shaped as a detachable clutch-part, a wheeled carriage-frame having bearings for mounting said bearing-portions of said spindle, said frame with its wheels maintaining said bearings at an unvarying elevation above the floor upon which said frame is adapted to run; a drive shaft on a level with and having a horizontally disengageable mating clutch part cooperably with said free end portion of said spindle; and positioning means for said carriage-frame fixed relatively to the position of said drive shaft, all whereby a heavy roll of fabric may be rolled easily into and out of a winding functional relation with a machine without being lifted or lowered.

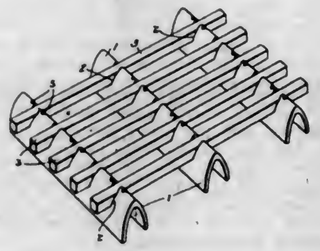
1,620,845. BURIAL CASKET. FRANK N. WATT, Richmond, Ind. Filed Apr. 12, 1926. Serial No. 101,358. 2 Claims. (Cl. 27—4.)

1. In combination with a burial casket having a hinged lid, a front consisting of a stationary portion and a hinged portion; a telescoping arm connected at its upper end to the lid, a link pivoted to the lower end of said arm, a shaft rotatably mounted to the inner side of the stationary part of the front, a crank extending at right angles from said shaft and pivoted to said link, a curved arm connected to said shaft and contacting with the hinged front but without direct at-



tachment thereto, and a cap secured to the inner face of the hinged front and surrounding a portion of said curved arm but without direct attachment thereto.

1,620,846. GRATING. ARTHUR E. WELLS, Toronto, Ontario, Canada. Filed Oct. 31, 1921. Serial No. 511,780. 2 Claims. (Cl. 189—82.)



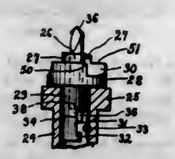
1. A plurality of horizontally arranged V-shaped angle bars (1) parallelly spaced and disposed with their apexes upward and each having a plurality of notches (2) with horizontal bottoms formed in the apex, a plurality of horizontally arranged cross bars (3) inserted in said notches and having flat bottom surfaces resting flatly on the horizontal bottoms of said notches, the upper surfaces of the latter bars being arranged in a common plane slightly below the uppermost edges of said V bars (1), said latter bars (3) being deformed laterally at (4) to engage the underside of the metal forming the apexes of the V bars.

1,620,847. JOINTER HEAD. VIRGIL P. WHISLER, Ottumwa, Iowa. Filed June 30, 1926. Serial No. 119,734. 5 Claims. (Cl. 144—230.)



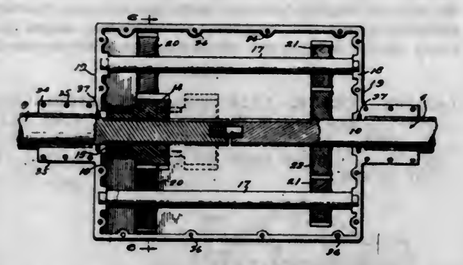
1. A jointer head, comprising a cylindrical member adapted to be mounted for rotation and formed with tangential slots opening through the periphery thereof, clamping plates and cutting blades mounted substantially parallel with each other in said slots, the cutting blades being provided with cutting edges projecting through the periphery of the head, said head being formed with registering holes and seats, the planes of which intersect said slots, said clamping plates and cutting blades being formed with openings registering with said holes and seats, the openings in the clamping plates being tapped, and screws mounted in said holes and extending through said openings into engagement with said seats.

1,620,848. DRILLING AND COUNTERSINKING TOOL. MORRIS B. WILDER, Omaha, Nebr. Filed Apr. 13, 1925. Serial No. 22,620. 1 Claim. (Cl. 77—66.)



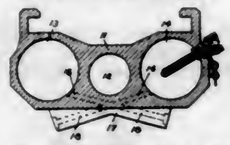
A drilling and countersinking tool for use with a chuck having a cross pin, comprising a countersinking member having a head and a shank on the inner end of the head for seating in a chuck, said head having counter-sinking projections on its outer end and provided with an axial opening extending inwardly through said projections, head and shank, said shank having a deep recess in one side to receive the cross pin of the chuck and intersecting the opening at its upper end to provide a flat face in the recess and a shoulder at the top of the flat face comprising the bottom of said axial opening, and a drill bit removably fitting in the axial opening and engaging said seat at its inner end, said drill bit having a projection at one side adapted to engage the flat face of said shoulder to hold the drill bit from turning in the countersinking member.

1,620,849. GEARING. JAMES TETTER WILLIAMS, Miami, Mo. Filed July 14, 1925. Serial No. 43,570. 1 Claim. (Cl. 74—58.)



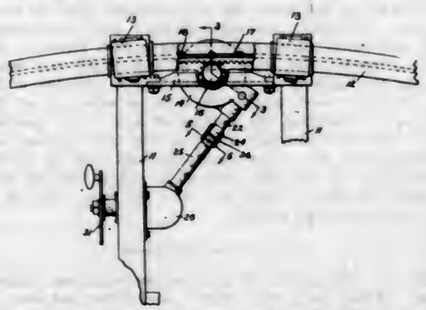
In a device of the character described, an automobile drive shaft divided into front and rear sections connected to the transmission gearing and the differential gearing respectively, the adjacent ends of said sections benig provided with longitudinally extending ribs and grooves, a longitudinally movable gear mounted on said shaft, said gear being provided with an opening having longitudinally extending ribs and grooves to permit relative longitudinal movement of said gear with respect to said shaft and prevent relative rotation, a transmission shaft mounted on each side of said drive shaft, a gear mounted on the rear section of said drive shaft, gears mounted on said transmission shafts and meshing therewith, a gear mounted on each of said transmission shafts in alinement with the forward section of said drive shaft, said movable gear being adapted to span the adjacent ends of the shaft sections when in one position to couple them to each other, and means for moving said movable gear into mesh with said last mentioned gears to connect the front section of said drive shaft to the rear section through said transmission shafts.

1,620,850. FORMATION OF PASSAGES BETWEEN CHAMBERS. HARRY C. ZIMMERMAN, Washington, D. C. Filed Sept. 11, 1924. Serial No. 737,174. 3 Claims. (Cl. 89—43.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)



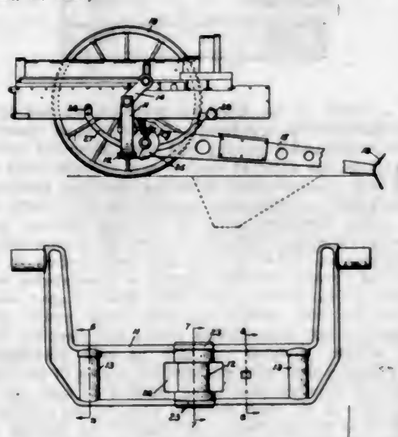
2. A member having a plurality of chambers, a block formed transversely thereon, and said member having a communicating passage between the chambers formed by intersecting bores originating in the block.

1,620,851. TRAVERSING GEAR FOR GUNS. HARRY C. ZIMMERMAN, Washington, D. C. Filed Sept. 11, 1924. Serial No. 737,175. 4 Claims. (Cl. 89—40.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)



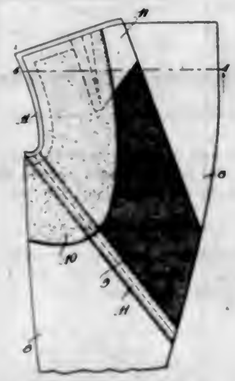
4. In a wheeled gun carriage, an axle, a rack secured thereto, a pair of trail members movably supported on the axle, a housing provided with lateral arms for attachment to the trail members, and actuating means enclosed in the housing for traversing the trail members.

1,620,852. CRANK AXLE FOR GUN CARRIAGES. HARRY C. ZIMMERMAN, Washington, D. C. Filed Sept. 16, 1924. Serial No. 738,072. 9 Claims. (Cl. 89—40.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)



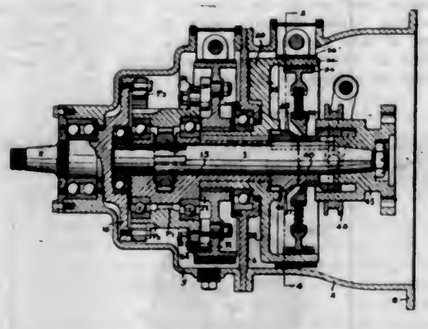
9. In combination with a pair of wheels, a crank axle on which the wheels are mounted, removable trail members connected to the axle, and means for locking the axle and trails together to hold the axle in position of angular adjustment.

1,620,853. GARMENT CONSTRUCTION. NICHOLAS ZUCK, Rochester, N. Y. Filed July 21, 1921. Serial No. 486,408. 1 Claim. (Cl. 2—276.)



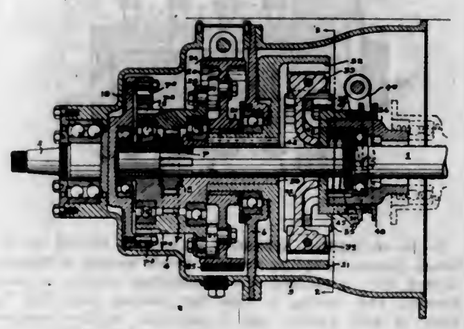
A laminated fabric structure including a thickness of haircloth, a strip of protective tape stitched to said laminated structure, said tape being located along the free edge of the haircloth and extending in opposite directions from said free edge and above the plane of the haircloth, and a cementitious substance on the under surface of the tape toward the haircloth acting to form a close bond with the tape and to prevent the ends of the hairs in the haircloth from protruding.

1,620,854. TRANSMISSION GEARING. CHARLES E. F. AHLM, Cleveland, Ohio, assignor to Automotive Patent Holding Company, Cleveland, Ohio, a Corporation of Delaware. Filed Dec. 30, 1924. Serial No. 758,940. 29 Claims. (Cl. 74—34.)



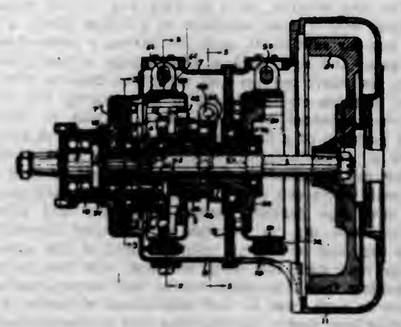
1. In a transmission gearing, in combination, a casing, a pair of members to be connected in different speed relations and carried by the casing, a rotatable and revoluble gear member in offset relation thereto surrounding one of said members and having a geared connection with both, a releasable connection between the gear member and casing for retarding the rotating movement of the gear member but permitting the revolving movement thereof for imparting a low speed from one of the first mentioned members to the other and means for holding the gear member against revolution but permitting it to rotate freely for a different speed.

1,620,855. TRANSMISSION GEARING. CHARLES E. F. AHLM, Cleveland, Ohio, assignor to Automotive Patent Holding Company, Cleveland, Ohio, a Corporation of Delaware. Filed Dec. 30, 1924. Serial No. 758,941. 5 Claims. (Cl. 74—34.)



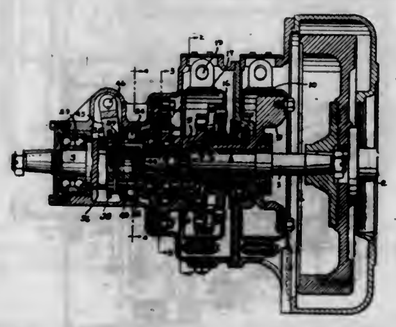
1. In a gearing, in combination, a driving member having a pinion, a driven member, a composite gear in mesh with said pinion and surrounding one of said members, an eccentric bearing for said gear capable of independent rotation relative to the driving member and of being held against rotation, a driven member having a geared connection with said composite gear, means for preventing the rotation of said composite gear while permitting it to revolve upon the eccentric bearing when the bearing is free to rotate for transmiting one speed to the driven member, and means including an expanding friction clutch for holding the eccentric bearing for an additional speed.

1,620,856. TRANSMISSION GEARING. CHARLES E. F. AHLM, Cleveland, Ohio, assignor to Automotive Patent Holding Company, Cleveland, Ohio, a Corporation of Delaware. Filed Dec. 30, 1924. Serial No. 758,942. 11 Claims. (Cl. 74—34.)



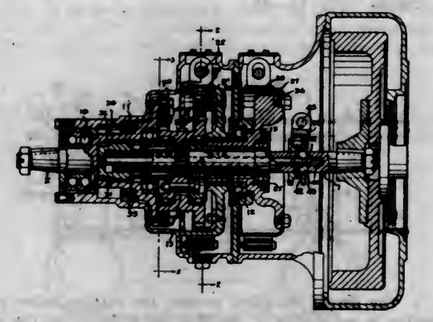
1. In a transmission gearing in combination a driving member, a gear rigid therewith, a rotatable and revoluble composite gear member having a plurality of sets of teeth rigid with each other, said gear member being in offset axial relation to the driving member and having one set of teeth in mesh with the gear thereof, a driven member and a gear rigid therewith meshing with another of said sets, means for retarding the rotating movement of the gear member but permitting a revolving movement thereof for imparting a low speed to the driven member, a bearing for said gear member independent of the driving member, adapted to rotate idly when said retarding means is operating and means for connecting said bearing to said retarding means whereby said bearing and said composite gear member rotate as a unit for securing another speed of the driven member.

1,620,857. TRANSMISSION GEARING. CHARLES E. F. AHLM, Cleveland, Ohio, assignor to Automotive Patent Holding Company, Cleveland, Ohio, a Corporation of Delaware. Filed Dec. 30, 1924. Serial No. 758,943. 16 Claims. (Cl. 74—34.)



1. In a gearing, in combination, a driving member having a pinion, a composite gear member in mesh with said pinion, an eccentric bearing for said gear member capable of independent and synchronous rotation relative to the driving member and of being held stationary, a driven member having a geared connection with said composite gear, means for retarding the rotation of said composite gear while permitting it to revolve upon the eccentric bearing when the bearing is free to rotate for transmitting one speed to the driven member, means for holding the eccentric bearing against rotation for an additional speed and means for connecting the eccentric bearing directly to the driven member for effecting a third speed.

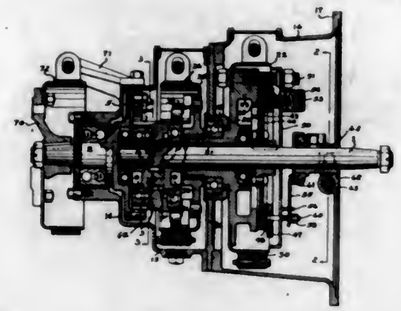
1,620,858. TRANSMISSION GEARING. CHARLES E. F. AHLM, Cleveland, Ohio, assignor to Automotive Patent Holding Company, Cleveland, Ohio, a Corporation of Delaware. Filed Dec. 30, 1924. Serial No. 758,944. 8 Claims. (Cl. 74—34.)



1. In a transmission gearing in combination, a shaft, a rotatable and revoluble hollow gear member in surrounding and off-set relation thereto and having a geared connection therewith, another shaft having a geared connection with said gear member, a brake and a gear on

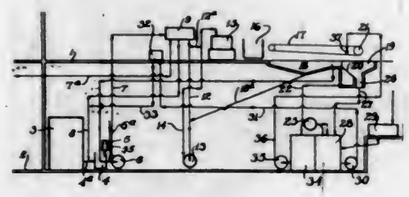
the brake cooperating with the gear member for retarding the rotating movement of the gear member but permitting it to revolve for connecting the shafts at one speed, clutch members drivingly rigid with both the driving and driven members, and means for causing the members to cooperate for effecting direct drive.

1,620,859. TRANSMISSION GEARING. CHARLES E. F. AHLM, Cleveland, Ohio, assignor to Automotive Patent Holding Company, Cleveland, Ohio, a Corporation of Delaware. Filed Dec. 31, 1924. Serial No. 759,045. 8 Claims. (Cl. 74—34.)



1. In a gearing, a pair of rotatable members, gears rigid with each of the members, a rotatable eccentric bearing journaled about one of the rotatable members, a composite gear member having mutually rigid separate gears each of which mesh with a respective first mentioned gear, the composite gear surrounding the bearing and being supported thereby, a member rigid with the bearing and having a plurality of friction surfaces, a member rigid with one of the first mentioned members and having cooperating friction surfaces one adjacent each of the first mentioned surfaces and means to cause such adjacent surfaces to engage to control the relative rotation of the bearing and last mentioned rotatable member.

1,620,860. PROCESS AND APPARATUS FOR MAKING PAPER OR THE LIKE. CARLTON H. ALLEN, Dayton, Ohio. Filed Jan. 11, 1926. Serial No. 80,585. 39 Claims. (Cl. 92—46.)



1. The herein described process for making paper consisting in automatically effecting and maintaining the consistency of certain stock ingredients, as the ground wood pulp, near its source of supply, in effecting continuous delivery of the stock so regulated to a common stream for mixing stock ingredients, and in maintaining a continuous flow of the mixed stock directly to the paper making machine.

1,620,861. IGNITION APPARATUS. SAMUEL ALSOP, New York, N. Y. Filed Mar. 4, 1920. Serial No. 363,272. 8 Claims. (Cl. 175—183.)



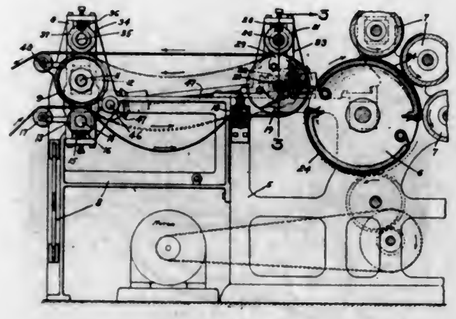
1. In an ignition apparatus, a housing having an interior groove, a spring contact brush having a reflexed slotted foot, a binding screw extending outside of said housing and having a head for holding said foot in place in said groove, and a rotatable contact member co-operating with said brush within said housing.

1,620,862. PACKING BOX FOR SIPHON PIPES. CHARLES H. ATKINS, Palmer, Mass., assignor to Atkins and Company, Inc., Palmer, Mass., a Corporation of Massachusetts. Filed Nov. 28, 1925. Serial No. 71,969. 1 Claim. (Cl. 285—22.)

The combination, in a packing box of the class described, with a drum mounted on a hollow shaft, a bearing box for said shaft, said box having a screw-threaded flange at the outer end, a siphon pipe of less diameter than the shaft passage and extending through said passage, packing on said shaft in said bearing box, and a follower mounted on said pipe in position to compress said packing, of a case encircling said pipe and provided with a screw-threaded head to engage said flange, a screw cap mounted on the outer terminal of said case, through which cap said pipe extends, a follower mounted on said pipe partially within said case and partially within said cap, in position to be moved inwardly by said cap, and having an enlarged head at the outer end to prevent such end from entering said case, a spring extending from the inner end of said second-named follower in said case to said first-named follower in said bearing box, and a packing-ring and a washer mounted on said pipe between adjacent ends of said second-named follower and spring.

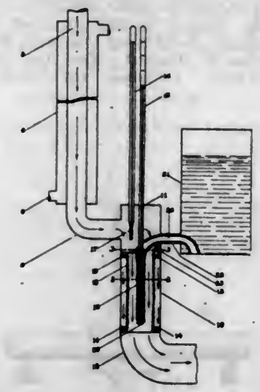
1,620,863. FEEDING ATTACHMENT FOR PRINTING PRESSES. DANIEL BELCHER, Minneapolis, Minn., assignor to Bemis Bro. Bag Co., Minneapolis, Minn., a Corporation of Missouri. Filed Apr. 16, 1924. Serial No. 706,917. 9 Claims. (Cl. 101—228.)

1. The combination with means for printing at intervals upon a continuous web, a feed cylinder and rolls cooperable therewith for continuously feeding respective runs of a web to and from the printing means, movably journaled synchronously driven gripper-rolls, cooperable with the printing means to intermittently feed the web



at a higher speed than said continuous web feeding means, during a printing operation, and means for checking the travel of the incoming run of the web.

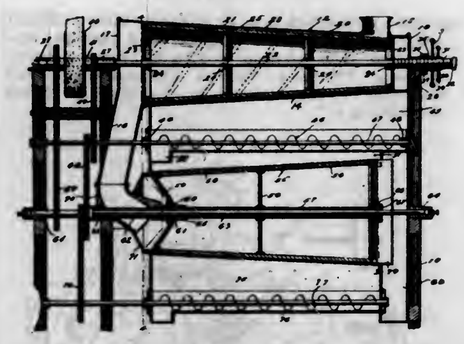
1,620,864. MEANS AND METHOD FOR ASCERTAINING, INCREASING, AND MAINTAINING THE EFFICIENCY OF WATER-GAS-GENERATING MACHINES. MATTHEW E. BENESH, Chicago, Ill. Filed July 8, 1921. Serial No. 483,122. 4 Claims. (Cl. 73—51.)



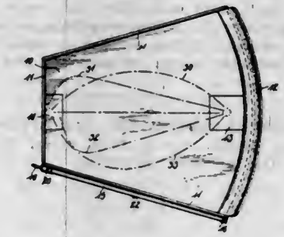
1. The method of determining the percentage by volume of undecomposed steam in gases from a water gas generator, which includes bringing said gases to a predetermined constant temperature above the dewpoint and reading a wet bulb thermometer inserted in the flow of said gases and calibrated at said temperature to read the moisture content directly in percentage by volume.

1,620,865. GRAIN CLEANING AND GRADING MACHINERY. PERRY D. BLACKDEN, Sacramento, Calif., assignor of one-half to Ora A. Morse, Sacramento, Calif. Filed Mar. 2, 1923. Serial No. 622,390. 5 Claims. (Cl. 209—287.)

2. In a machine of the character described, a revolving screen and means for rotating said screen including a hollow shaft and a universal coupling connecting said hollow shaft with one end of said revolving screen, and means for imparting a jogging motion to said screen including a shaft extending through said hollow shaft and carrying an eccentric, said screen having an eccentric strap cooperating with said eccentric.

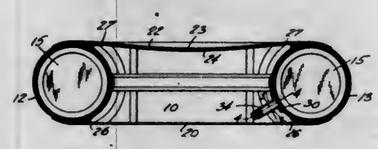


1,620,866. GAME. WILLIAM H. BOOTH, Kincardine, Ontario, Canada. Filed Oct. 28, 1924. Serial No. 746,329. 6 Claims. (Cl. 273—89.)



1. A playing board comprising a playing surface in the shape of a trapezoid having fence-like closures for its narrow parallel side and for its diverging sides, a deflector board bounding its longer parallel side, meeting said surface at an angle whereby to cause an article projecting along said surface to leave said surface upon engagement with said deflector board and to travel freely through the air.

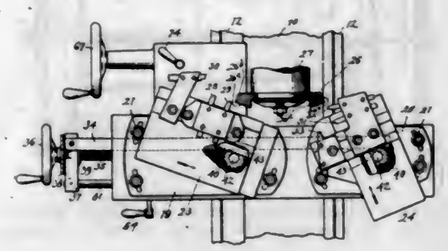
1,620,867. COLLAPSIBLE BOAT. JAMES F. BOYLE, Hammondsport, N. Y. Filed June 11, 1925. Serial No. 36,377. 14 Claims. (Cl. 9—2.)



3. An inflatable and collapsible boat including an inflatable tubular structure forming the sides of the boat, a bottom secured to said tubular structure, a seat made

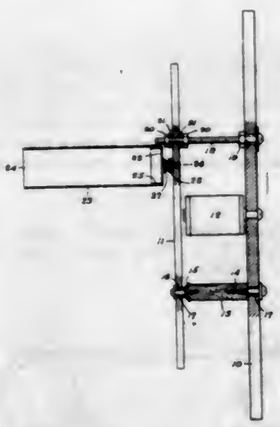
of flexible material and secured at its ends to the upper faces of the tubular structure, and reinforcing strips connecting the under face of said seat and said tubular structure.

1,620,868. CROSS-SLIDE CARRIAGE FOR TURNING AND FACING BLANKS. WILLIAM J. BURGER, East Cleveland, Ohio, assignor to The Warner and Swasey Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 7, 1922. Serial No. 550,256. 21 Claims. (Cl. 82—25.)



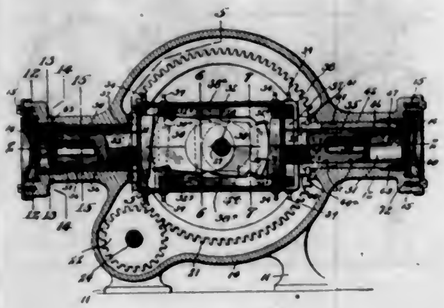
1. In a machine tool, a bed, front and rear tool slides for supporting cutting tools adapted for simultaneous operation on the same work-piece, a common supporting member on the bed for said slides, and means for simultaneously operating the slides comprising a rotary member, and a common sliding member on said supporting member between the rotary member and the slides.

1,620,869. SOUND RESONATOR. SEWALL CABOT, Brookline, Mass. Filed July 3, 1918, Serial No. 243,240. Renewed May 11, 1923. 18 Claims. (Cl. 181—.5.)



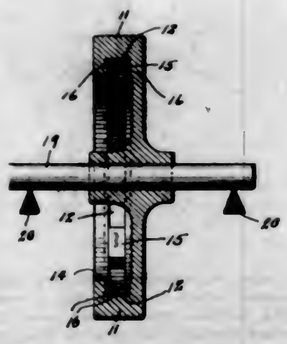
12. A musical sounder comprising a nodally mounted bar, and a stopped air resonator rigidly joined to and supported by said bar and physically isolated from all other structure.

1,620,870. COMPRESSOR. JOHN O. CARREY, St. Louis, Mo., assignor to Carrey-Morse Engineering Company, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 9, 1924. Serial No. 685,164. 19 Claims. (Cl. 230—27.)



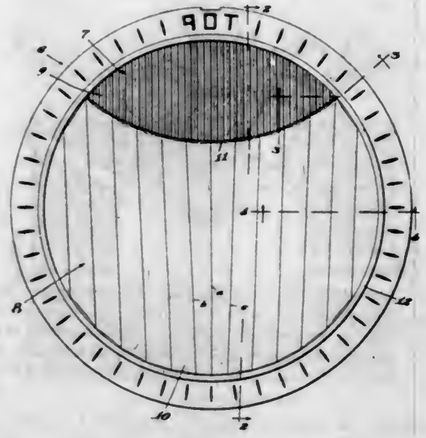
1. A compressor comprising a cylinder, a pair of telescopic pistons cooperatively arranged therein, means for positively actuating each of said pistons, and cup valves enclosing the ends of said pistons and having lost motion connection therewith for controlling the communication between said pistons and the pressure chamber of said cylinder.

1,620,871. FLYWHEEL AND METHOD OF BALANCING SAME. JOHN O. CARREY, St. Louis, Mo., assignor to Carrey-Morse Engineering Company, St. Louis, Mo., a Corporation of Missouri. Filed Oct. 15, 1924. Serial No. 743,811. 5 Claims. (Cl. 74—6.)



1. A balanced wheel comprising a flanged wheel provided in its inwardly disposed face with an undercut annular groove, and a plurality of blocks of metal adjustable in said groove to bring said wheel in balance, said blocks being adapted to be fixed in adjusted position by applying pressure thereto causing them to spread laterally in engagement with the walls of said groove.

1,620,872. HEADLIGHT LENS. JACK CATHRILL, West Hollywood, Calif. Filed Feb. 3, 1925. Serial No. 6,508. 2 Claims. (Cl. 240—48.4.)

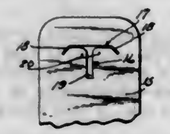


2. In a lens of the character described, a glass plate having upper and lower prismatic areas of different character, the juncture of the upper and lower areas extending on an inverted arc; the upper area consisting of a series of vertical parallel prisms of triangular cross section and the lower area including a central vertical prism and oppositely inclined prisms on each side of the vertical prism, the prisms of each series of the lower area being formed at an angle to the rear face of the lens.

1,620,873. PROCESS OF TREATING SULPHIDE ORES OF LEAD AND ZINC. NIELS C. CHRISTENSEN, Salt Lake City, Utah. Filed Dec. 26, 1923. Serial No. 682,832. 5 Claims. (Cl. 75—18.)

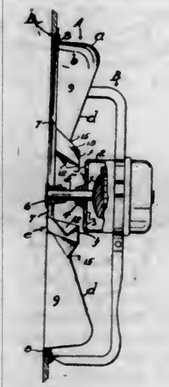
1. The process of treating ores and the like containing galena which consists in mixing said ores with a cold acid brine and thoroughly agitating said mixture so as to liberate the H_2S therefrom, and thereby dissolving the lead out of said ores.

1,620,874. FASTENING DEVICE. ORVEL JAY CRAIG, Minneapolis, Minn. Filed June 4, 1925. Serial No. 34,850. 2 Claims. (Cl. 40—26.)



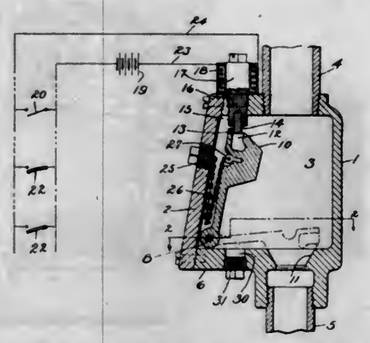
1. A tag having a T-shaped button-receiving passage, the stem of which is in the form of a slot adapted to receive the shank of a button, the length of said slot being such that when the tag is attached to a button and positioned with the shank of the button at the bottom of said slot, the upper edge of the button will be below the head of said passage, the head of the passage having at its ends downturned extensions.

1,620,875. FAN WHEEL. GAIL G. CURRIE, Los Angeles, Calif. Filed Mar. 7, 1921. Serial No. 450,289. 9 Claims. (Cl. 230—1.)



1. A fan wheel comprising fan blades the rear edges of which are in a common plane and the forward edges and front fans of which blades are formed with dentations; the forward faces of said blades being respectively formed with outer and inner loops and there being channels at the backs of the blades between the dentations and loops.

1,620,876. AUTOMATIC CUT-OFF VALVE. JOHN F. CURRIVAN, Cambridge, Mass. Filed Oct. 30, 1924. Serial No. 746,906. 9 Claims. (Cl. 137—162.)

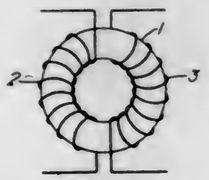


3. A safety valve for gas pipes including a valve casing, a valve therein biased towards closed position, an element readily deformable by heat normally maintaining said valve in open position, and electric heating means carried by but exterior to said casing for effecting destruction of said element whereby said valve may close.

1,620,877. COMPOSITION OF MATTER. ROBERTSON P. DRUMMOND, Los Angeles, Calif., assignor to Pacific Cast Iron Pipe & Foundry Company, Los Angeles, Calif., a Corporation of California. Filed Aug. 7, 1925. Serial No. 48,880. 3 Claims. (Cl. 75—1.)

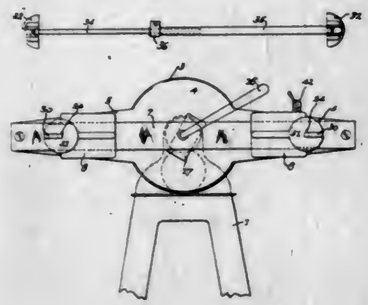
1. A new composition of matter, comprising in combination: iron, carbon 1.75 to 2%, manganese 6.25 to 8%, and silicon 1.50 to 2%.

1,620,878. ELECTROMAGNETIC DEVICE. GUSTAF W. ELMEN, Leonia, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 16, 1921. Serial No. 492,723. 9 Claims. (Cl. 175—356.)



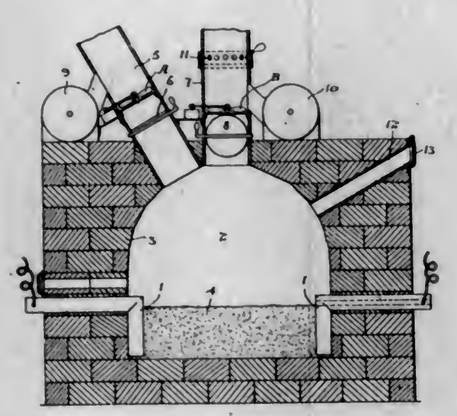
1. An electromagnetic device having an electrical conductor disposed about a core comprising at least two elements of the magnetic group, one of which is nickle, and having a higher permeability than iron for magnetizing forces of the order of a few tenths of a C. G. S. unit or less.

1,620,879. COIL WINDER. ALVIN J. FATHAUER, Cleveland, Ohio. Filed Feb. 28, 1925. Serial No. 12,202. 8 Claims. (Cl. 140—92.2.)



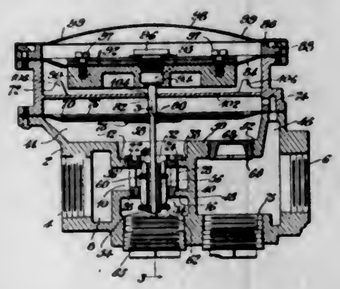
1. A coil-winder comprising a rotating member, a pair of carriers mounted thereon and movable radially toward and away from the axis of rotation, rigid abutments located on said carriers and adapted to receive a coil of wire, screw-threaded means for moving said carriers toward and from each other, and means additional to said screw-threaded means for displacing said carriers toward and from each other to release the coil therefrom without losing the screw-threaded adjustment.

1,620,880. PROCESS OF PRODUCING METALLIC OXIDES. GEORGE B. FILMER, Toronto, Ontario, Canada, assignor of one-half to Walter James Harvey, Toronto, Ontario, Canada. Filed Dec. 12, 1924. Serial No. 755,487. 3 Claims. (Cl. 204—64.)



1. A process of producing metallic oxides, consisting in first providing a molten mass of substantially non-volatile material within a closed chamber, then introducing a metallic substance into the molten mass, then conducting the fume therefrom, and finally introducing oxygen into the fume.

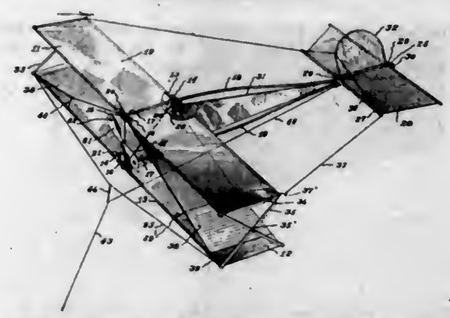
1,620,881. FLUID-CONTROLLING MECHANISM. JAMES POWELL FISHER, Bartlesville, Okla., assignor, by mesne assignments, to Doherty Research Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 15, 1920. Serial No. 424,144. 27 Claims. (Cl. 50—10.)



14. In a fluid controlling device, a fluid conductor, a valve for controlling the passage of fluid through the conductor, and a pair of diaphragms operable to control the valve selectively and independently in accordance with varying conditions of flow of fluid through the conductor.

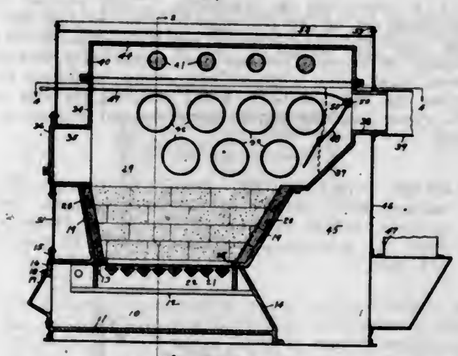
1,620,882. AEROPLANE KITE. EDISON A. FOUNDS, Philadelphia, Pa., assignor of one-fourth to Robert B. Grimes, Philadelphia, Pa. Filed Oct. 18, 1926. Serial No. 142,400. 13 Claims. (Cl. 244—23.)

1. In a knock-down aeroplane kite, the combination of a fuselage frame and superposed plane sections including a horizontal and vertical rudder therefor, of means detachably connecting said frame, plane sections and horizontal rudder, auxiliary wing surfaces positioned and secured between said plane sections, means for staggering said plane sections to impart an angle of incidence thereto relative to said fuselage frame and horizontal rudder, a



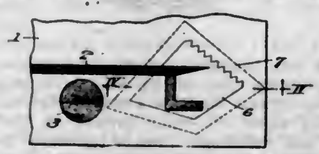
control cord having a multiple point suspension from said kite adapted to maintain true flight equilibrium, said auxiliary wing surfaces providing means for counteracting the pull of said cord on said plane sections and maintaining the rigidity thereof.

1,620,883. FURNACE. SHERMAN FRENCH, Portland, Oreg., assignor of one-fourth to Clara B. French, Portland, Oreg. Filed Jan. 17, 1925. Serial No. 3,076. 3 Claims. (Cl. 126—109.)



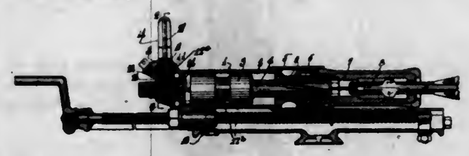
1. A furnace having, in combination, a combustion chamber; a casing around said combustion chamber; and horizontal flues passing through said combustion chamber and having one end opening into the space between said casing and combustion chamber and the other end passing through said casing and connecting with a warm air conducting pipe.

1,620,884. METHOD OF REPAIRING TORN FABRIC. GUSTAVO GALLOPIN, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 13, 1924. Serial No. 731,888. 2 Claims. (Cl. 41—35.)



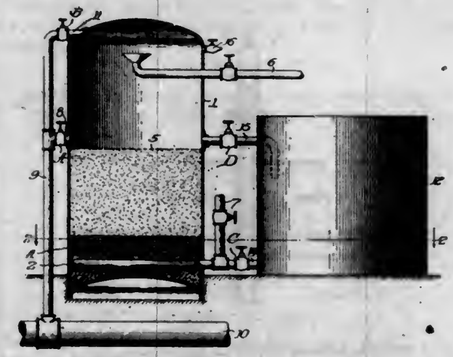
1. A method of repairing mutilated drawing sheets of translucent material which includes the following steps: cutting out with a crooked cut a part of the sheet including the mutilated portion of the drawing, cutting out at the same time a piece of translucent material having an outline identical with that of the cut out portion of the drawing, inserting the piece of translucent material in place of such cut out portion of the drawing and securing said piece in position by applying to the back of said piece and said sheet a patch of translucent fabric with the intermediation of translucent adhesive, thereby leaving the front of the repaired sheet as a substantially smooth surface upon which may be redrawn cut out portions of the drawing.

1,620,885. ROCK-DRILLING DEVICE. ELMER G. GARTIN, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Apr. 10, 1922. Serial No. 551,326. 13 Claims. (Cl. 121—6.)



8. A controlling valve mechanism for a rock drilling motor and drill steel cleansing means comprising a casing having fluid passages formed therein leading respectively to said motor and said steel cleansing means, a main controlling valve arranged within said casing and having means for controlling said passages, said valve having an operating handle, an auxiliary valve arranged coaxially within said main valve and movable axially relative thereto for controlling the passages leading to said cleansing means and having an operating handle pivoted on said main valve operating handle, said auxiliary valve being adapted to be opened when said handles are pressed together and automatically closed when said handles are released.

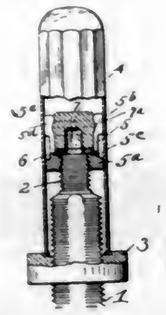
1,620,886. APPARATUS FOR REGENERATION OF ZEOLITES AND THE LIKE. WALTER H. GREEN, Chicago, Ill., assignor, by mesne assignments, to General Zeolite Company, Chicago, Ill., a Corporation of Illinois. Filed July 17, 1922. Serial No. 575,663. 8 Claims. (Cl. 210—24.)



1. In apparatus of the class described, in combination with a treating device comprising a casing and a pervious bed of treating material therein, a tank for regenerating solution having outlet communication with the casing below the bed of treating material, a discharge conduit having communication with the casing at a point adjacent the surface of the bed of treating material and at a point adjacent the top of the casing, a return con-

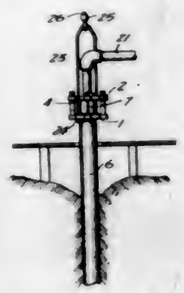
duit to the tank for draining the portion of the casing above the bed and valves for controlling communication between the tank and the casing and the discharge conduit and the casing.

1,620,887. DUST CAP. HENRY J. HANSEN, Cleveland, Ohio, assignor to The Dill Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 5, 1921. Serial No. 435,103. 3 Claims. (Cl. 152—12.)



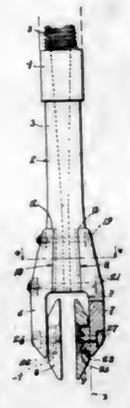
2. A dust cap comprising a shell which is open at one end, a member within said shell, a member having a central opening within said shell, which member slidably engages the inner wall of said shell, said member having expanding portions at one end thereof and at the opposite end being provided with a threaded opening by which it may be attached to a threaded stem, an expanding member within the opening of the first mentioned member and closely engaging the inner wall of said member, the said expanding member being formed with an annular ridge and the first mentioned member being formed with an annular groove upon the inner wall thereof, the said ridge and groove having a wedging engagement to expand the slidable member for the purpose described.

1,620,888. CASING HEAD. JAMES E. HITCHCOCK, Fullerton, Calif. Filed Aug. 20, 1923. Serial No. 658,333. 2 Claims. (Cl. 285—131.)



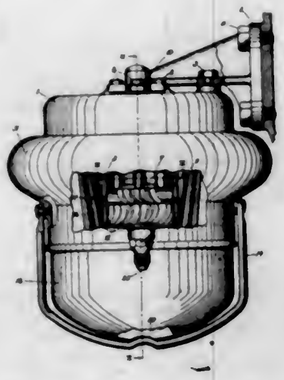
1. A casing head including: a cap; a ring applicable to a casing below a collar secured on an end of said casing; means applicable to said ring for engaging the lower end of said collar; upstanding links secured at their lower ends to said ring and projecting through slots in said cap; and wedges adapted to be driven through slots in the upper ends of said links for engaging the upper face of said cap to clamp said ring and said cap upon the lower and upper ends respectively of said collar; said links being formed in two sections, a threaded shank on one end of one section engaging a threaded socket in the adjoining end of the other section for extending or shortening the links to vary the clamping of the head to adapt the head to the collars of different lengths.

1,620,889. DISK BIT. WILLIAM S. HOLDAWAY, Los Angeles, Calif. Filed Apr. 6, 1925. Serial No. 20,995. 3 Claims. (Cl. 255—71.)



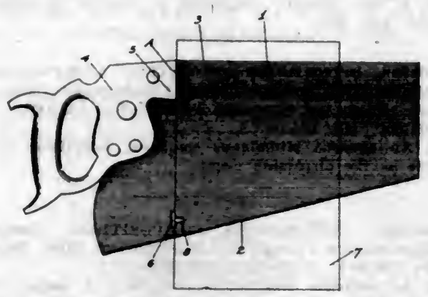
1. A rotary disk bit comprising a body recessed at its lower end on opposed sides to form upthrust bearing faces and bearing faces angularly disposed, legs shaped to fit such recesses and engage such bearing faces, there being a tongue and groove connection between the legs and body, means clamping the legs to the shank, and disk cutters carried by and between the legs.

1,620,890. AIR CLEANER. ERNEST R. HUNTLEY, Milwaukee, Wis., assignor to Industrial Research Corporation, Toledo, Ohio, a Corporation of Delaware. Filed Oct. 6, 1920. Serial No. 415,158. 11 Claims. (Cl. 183—77.)



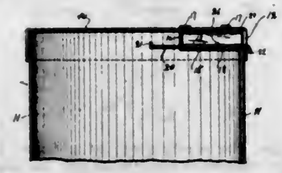
1. In a gas washer, a cleaning liquid reservoir, an inverted rotatable cone having its apex dipping beneath the surface of said liquid, whereby a thin film of liquid is elevated along the outer surface of said cone by adhesion and centrifugal force, a rotatable hollow cone member, means for passing the liquid film from the outer surface of the first cone to the inner surface of said hollow cone, and means for passing the gas to be cleaned along the inner surface of said hollow cone.

1,620,891. COMBINATION SAW AND SQUARE. ROBERT R. IRVINE, Mokelumne Hill, Calif. Filed July 6, 1926. Serial No. 120,668. 1 Claim. (Cl. 7—13.)



A combined saw and square comprising a toothed blade whose edge opposite the teeth is straight, a handle for the blade having a portion terminating at its inner end and adjacent said straight edge in an edge extending at right angles thereto; the blade between the said handle portion and the tooth edge having a sighting slot, one edge of which is alined with the handle-portion edge, and another slot substantially parallel to the straight edge of the blade being cut into said blade from the alined edge of the first-named slot.

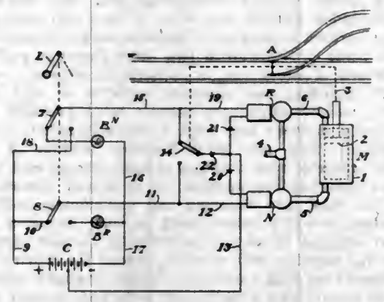
1,620,892. DISCHARGE MECHANISM FOR CONTAINERS. ANDRE JANER, Flushing, N. Y. Filed Feb. 16, 1926. Serial No. 88,520. 15 Claims. (Cl. 221—62.)



1. In combination with a closed container having an opening in its side, a pair of telescoped relatively slidable conduits, the outer of which is secured beneath the top of the container and the inner of which frictionally engages with the container top, both conduits having openings extending therethrough which are normally out of register but which are adapted to register when the inner conduit is withdrawn from the outer conduit a predetermined distance, said conduits forming a passage through which the contents of the container may be poured therefrom when the openings in said conduits are in register.

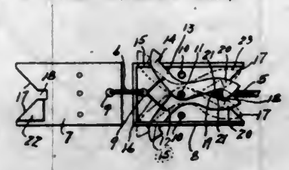
1,620,893. CONTROL AND INDICATION OF RAILWAY SWITCHES. ALLEN T. JOHNSTON, Dormont, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Sept. 14, 1926. Serial No. 135,380. 2 Claims. (Cl. 246—140.)

1. In combination, a railway switch having normal and reverse positions, means for operating said switch including a normal magnet and a reverse magnet, a contact actuated by said switch, a manually operable circuit controlling lever having normal and reverse positions, a normal indication lamp and a reverse indication lamp, a circuit for said normal magnet including a normal contact of said lever and a first asymmetric unit, a circuit for said reverse magnet including a reverse contact of said lever and a second asymmetric unit, a circuit for said normal lamp including a normal contact of said lever and a third asymmetric unit and said switch-actuated contact when in normal position, and a circuit



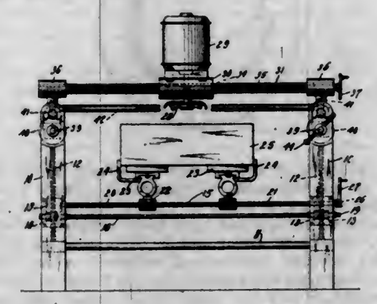
for said reverse lamp including a reverse contact of said lever and said third asymmetric unit and said switch-actuated contact when in reverse position.

1,620,894. TIRE-CHAIN CATCH. WILLIAM HAROLD JONES, Utica, N. Y. Filed June 30, 1926. Serial No. 119,562. 1 Claim. (Cl. 24—230.)



A connecting device having a casing composed of first and second sections, a bolt connecting said sections, levers pivoted to said bolt, said casing having slots in its side walls, a spring adapted to urge one end of each of the said levers to project through the said slots, each lever having a hook at its other end, blocks positioned within the casing alongside the said hooks, inclined walls provided on said blocks; each block alongside the one hook being adapted to engage the other hook, whereby the said blocks are adapted to form a pocket with inclined walls at one end leading to said pocket, and said levers having substantially inclined and normally separated walls extending beyond the said inclined walls for the purpose specified.

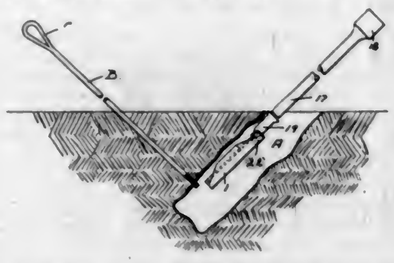
1,620,895. PLANER. JOHN KANDERA, New York, N. Y. Filed Feb. 12, 1926. Serial No. 87,805. 1 Claim. (Cl. 144—2.)



A surface-treating machine comprising a frame, a screw-threaded spindle extending vertically on each end member of said frame, a block slidable on each spindle, a

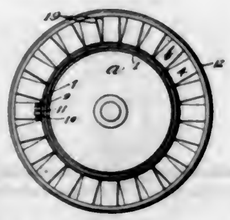
worm gear rotatably mounted on each block provided with a screw-threaded bore, the threads of each bore being in mesh with the respective spindle, a horizontally extending guide member connecting said two blocks, a screw-threaded spindle journaled in said two blocks extending parallel to said guide member, said last-mentioned spindle being provided with two screw-threaded portions, the threads of which run in opposite directions, a work-support including two elements movable on said guide member, each work-support element being provided with a clamping member and with a screw-threaded bore in engagement with one screw-threaded portion of said spindle, whereby upon rotation of said spindle said work-support elements are adapted to be moved toward and from the work into clamping and unclamping positions, a carriage movable transversely on said frame, a tool-support adapted to move longitudinally on said carriage, means for shifting said carriage, means for moving said tool-support on said carriage, a shaft rotatably mounted in said blocks, and a worm on each end of said shaft in engagement with the worm gear on the respective block, whereby upon rotating said shaft said work-support is raised or lowered in relation to said tool-support.

1,620,896. GROUND ANCHOR. JAMES B. KEARNEY, Kansas City, Mo. Filed Apr. 24, 1922. Serial No. 556,276. 8 Claims. (Cl. 189—90.)



1. A ground anchor having a box-like projection extending from its upper side, and which is open at one end, and yielding guy rod attaching means housed within said box-like extension.

1,620,897. WHEEL. BERNARD J. KEELAN, Los Angeles, Calif. Filed Dec. 8, 1925. Serial No. 74,016. 2 Claims. (Cl. 152—8.)



2. In a device of the character disclosed, a tire comprising an annular series of segmental springs, a tread upon said springs, a series of chains within said tread, said chains being provided with loops adapted to extend inwardly from said tread and be received between the segmental springs, and means adapted to be passed through said loops for maintaining the tread to said segmental springs; said last named means comprising cables received within such segmental springs, and further means included between the chain, tread and outer surface of the segmental springs for interconnecting said segmental springs.

1,620,898. FOOD PRODUCT. ALBERT E. KIDD, Jr., Chicago, Ill. Filed Mar. 31, 1926. Serial No. 98,922. 3 Claims. (Cl. 99—11.)

1. A food product comprising a mixture of peanut butter and milk.

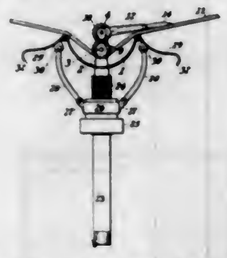
1,620,899. BITUMINOUS COMPOSITION AND PROCESS OF MAKING SAME. LESTER KIRSCHBRAUN, Chicago, Ill. Filed Apr. 23, 1921. Serial No. 463,945. 15 Claims. (Cl. 134—1.)

3. An aqueous bituminous emulsion, comprising bentonite as the dispersing agent.

1,620,900. BITUMINOUS COMPOSITION. LESTER KIRSCHBRAUN, Chicago, Ill. Filed Apr. 25, 1924. Serial No. 708,887. 5 Claims. (Cl. 106—31.)

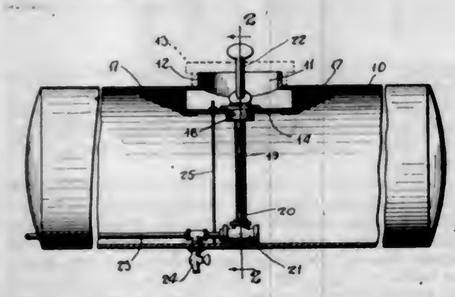
1. An infusible composition comprising a major portion of a normally fusible bitumen pitch type base, and a minor portion of an emulsifying agent having substantially the functions of bentonite, said composition possessing a gel or honeycomb-like structure of such stability as to withstand flow under heat substantially above the melting point of the base.

1,620,901. RAZOR. WILLIAM KITZUL, Hamtramck, Mich. Filed Aug. 18, 1926. Serial No. 129,920. 5 Claims. (Cl. 30—12.)



1. In a razor, the combination of a frame having end plates integral therewith and a handle secured thereto, rollers mounted between said end plates, supporting arms extending from one of said rollers, a blade mounted between the outer ends of said arms, and lateral guides pivotally mounted one on each side of said frame, each guide being adapted to bear against said blade in proximity to one of its lateral edges.

1,620,902. GASOLINE-TANK LOCK. ADAM KNITTEL, Tyner, Tenn. Filed June 16, 1926. Serial No. 116,481. 1 Claim. (Cl. 251—7.)



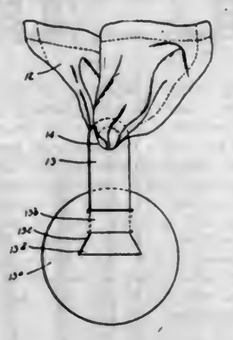
In combination, a gasoline tank, a draw-off valve located wholly within the tank, said tank having a filling opening at its top, a plate suspended beneath said filling opening, a lock carried by the plate and having a rotary part, a flexible shaft connecting said rotary part and valve to actuate the latter upon actuation of the lock, a feed pipe extending from said valve and lying partly within said tank, and a drain cock carried by the feed pipe and projecting through the bottom of the tank.

1,620,903. STEEL-WOOL HOLDER. BEULAH G. LANCE, Fulton, Calif. Filed Feb. 5, 1923. Serial No. 617,021. 3 Claims. (Cl. 15—209.)



1. A holder of the kind described, comprising a body having its lower face concaved, a spring clamping member straddling said body and provided at each end with an inwardly directed hook for clamping cleansing material against the concave face of said body, said body being provided with spaced slotted openings therethrough, and an auxiliary clamping member of substantially inverted U-shape having its legs passed through the slots of said body, and provided with hooked ends for clamping the cleaning material against said body.

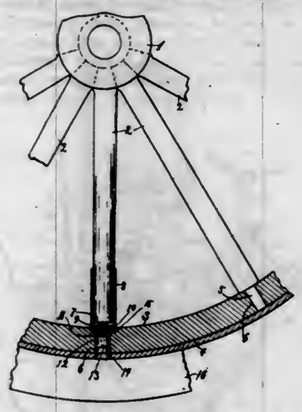
1,620,904. POCKET ORNAMENT. BURNET B. LEWIS, Indianapolis, Ind., and LEO M. LEVY, New York, N. Y., assignors to Lewis Novelty Manufacturing Company, Indianapolis, Ind., a Corporation. Filed Aug. 26, 1926. Serial No. 131,666. 3 Claims. (Cl. 24—8.)



1. In an article of the character described, a rectangular handkerchief and a retaining anchor therefor comprising two members adjustable with respect to each other, one of said members having an opening therein, said members consisting of relatively flat and stiff material, whereby said handkerchief may be inserted in said opening and retained by said anchor in adjusted position with respect to the bottom thereof.

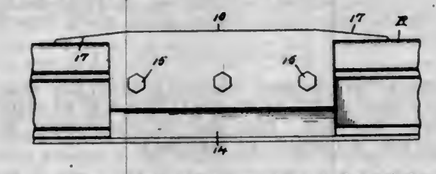
1,620,905. ADJUSTABLE SPOKE. EINAR H. MADSEN, Choklo, Minn. Filed Feb. 2, 1925. Serial No. 6,473. 1 Claim. (Cl. 301—60.)

In a vehicle wheel, the combination of a felly having radial bores for its spokes and wooden spokes, said bores being of larger diameter in their inner than in their outer portions, so as to form an internal shoulder in the bore, a metallic thimble slidable on the outer end portion of each spoke and having its bottom end resting against the internal shoulder and its bottom provided with a central threaded hole, and a screw in each of said threaded holes and bearing with its end against the end of the



spoke in the thimble and having its outer end extending into the smaller portion of the bore and there adapted to be turned by a suitable tool.

1,620,906. RAIL-REPAIRING DEVICE. JOSEPH A. MAHER, Stockton, Ill. Filed May 26, 1926. Serial No. 111,835. 3 Claims. (Cl. 238—220.)



1. A rail repairing device comprising a channeled member adapted to engage over the head of a rail, a rail head engaging flange extending inwardly along one side edge of said member to engage beneath one side of the rail head, a locking block slidable longitudinally of the rail and engageable beneath the opposite side of the rail head and means to detachably connect the block and the channeled member.

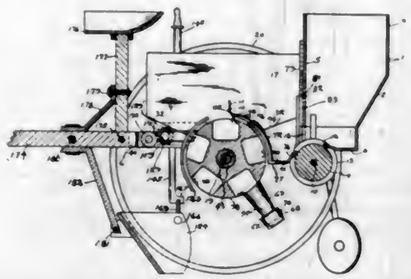
1,620,907. PLANTER AND FERTILIZER-DISTRIBUTING DEVICE. GEORGE MARLSDALE, Cincinnati, Ohio. Filed Sept. 10, 1924. Serial No. 736,980. 21 Claims. (Cl. 221—118.)

13. A potato planter comprising a frame, a rotatable drum having equi-distant spaced apart pockets therein and having outwardly tapering concave ridges alternating intermediate said pockets, and having perforations in the walls of each of said pockets, a shank adapted to be secured in each of said perforations, respectively, a carrier integral with said shank and means for supplying potatoes to said carrier comprising a feed wheel fixed to said rear driving shaft and extending into said aperture, and said carrier adapted to deposit said potatoes in said pockets, substantially as and for the purposes specified.

18. A potato planter comprising a frame, a main driving shaft mounted on said frame, a rotatable drum mounted on said shaft and having spaced apart pockets therein, a shank adapted to be secured adjacent each of said pockets, respectively, a carrier integral with said shank and means for supplying potatoes to said carrier comprising a feed wheel fixed to said rear driving shaft and said carrier adapted to deposit said potatoes in said pockets, substantially as and for the purposes specified.

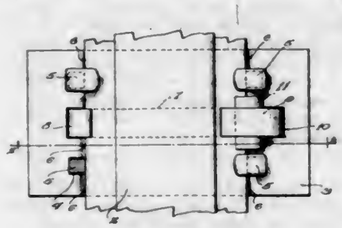
21. A potato planter comprising a frame, a main driving shaft, a rear driving shaft mounted on said frame and

having gear connection with said main driving shaft, a hopper mounted on said frame and having an aperture therein, a rotatable drum mounted on said shaft and having equi-distant spaced apart pockets therein, a shank adapted to be secured adjacent each of said pockets, respectively, a carrier integral with said shank and means for supplying potatoes to said carrier comprising a feed wheel fixed to said rear driving shaft and extending into said aperture, a bowl adapted to receive potatoes from



said feed wheel, said carrier adapted to receive the potatoes from said bowl and deposit them in said pockets, and a curved plate fixed adjacent the outer periphery of said drum and extending part way therearound and adapted to retain said potatoes in said pockets until said pockets, respectively, are positioned below the lower end of said plate, whereby said potatoes are distributed in equi-distant spaced apart relation on the ground beneath said planter.

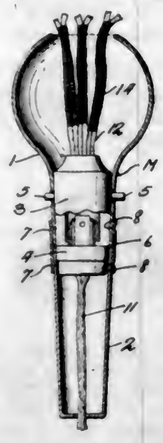
1,620,908. TIE PLATE. CARLTON T. MATTHEWS, Green Bay, Wis., assignor of one-half to Harold K. Matthews, Green Bay, Wis. Filed May 29, 1926. Serial No. 112,389. 6 Claims. (Cl. 238—304.)



1. A tie plate having a slot formed therein and adapted to be secured upon a tie in position to extend beneath a rail, a rail anchor adapted to engage the base of a rail with a portion extending beneath the base of the rail and fitted into the slot of said plate to hold the rail against creeping, and a wedge to hold said anchor in engagement with the rail extending longitudinally of the rail when in place, said plate being formed with openings spaced from opposite sides of the slot and adapted to receive fasteners to secure the plate upon a tie, the fasteners when in place positioned to engage the ends of the wedge and prevent withdrawal of the wedge.

1,620,909. ELECTRICAL FIXTURE. MAYER K. MAXWELL, Butte, Mont. Filed Nov. 12, 1924. Serial No. 749,475. 1 Claim. (Cl. 200—168.)

A device of the class described comprising a body consisting of separable sections, an electric switch carried by one of the sections, means carried by the second section for connecting the switch with a source of electrical energy, and a clamping band disposed around the meeting end portions of the sections of the body for holding the same in assembled relation, the adjacent end portions of



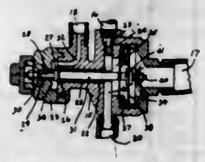
the sections of the body being provided with channels therearound, said clamping band being provided with ribs seating within said channels.

1,620,910. EXERCISING DEVICE. HARRY E. MINNICH, Three Oaks, Mich. Filed Feb. 15, 1923. Serial No. 619,118. 1 Claim. (Cl. 272—82.)



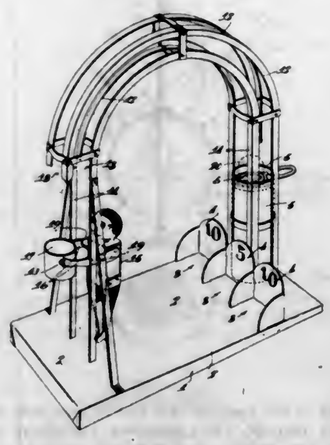
An exercising device comprising an oblong frame, inwardly extending elastic members carried by the ends of the frame and extending towards each other and anchored to the ends of the frame, slidable grip members slidably mounted on the opposite sides of the frame, said grip members comprising tubular members formed from a plurality of convolutions, the outer convolution being connected together and provided with a plurality of eyes formed by convolutions, elastic members having their inner ends anchored to said eyes, the inner ends of said tubular members terminating in inwardly extending axially alined members, and hand grips into which the axially alined members extend.

1,620,911. FLUID-OPERABLE LUBRICATOR AND FEEDER FOR ENGINES. FRED K. MURPHY and RAY W. RETTERER, Indianapolis, Ind. Filed July 6, 1925. Serial No. 41,771. 3 Claims. (Cl. 184—55.)



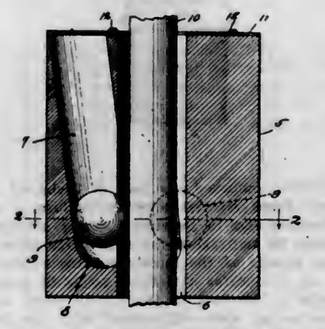
3. In a lubricating system for fluid operable engines, the combination with a source of high pressure fluid and a source of lower pressure fluid, of a pressure lubricator including a reciprocating plunger, a fluid operable turbine therefor, a crank and eccentric connection between said turbine and plunger, and a distributor connected to the lubricator and the high pressure fluid source including means differentially subjected to both fluid pressure sources.

1,620,912. ANIMATED-FIGURE SCORING GAME. HARRY A. OKEL, Wheeling, W. Va. Filed Sept. 3, 1926. Serial No. 133,443. 6 Claims. (Cl. 273—119.)



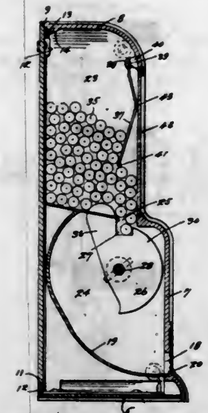
1. A device of the class described comprising a projectile, an acrobatic figure, means for rotatably mounting the figure, an impelling gun, and an upwardly and downwardly arched trackway for guiding the projectile impelled from the gun into contact with the figure to cause it to rotate about a horizontal axis.

1,620,913. ANTISLIP DRILL-ROD DEVICE. LEWIS ORWIG, St. Louis, Mich. Filed July 6, 1925. Serial No. 41,693. 1 Claim. (Cl. 24—144.)



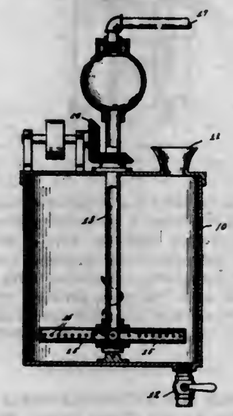
In a device of the character described, a body portion having a central bore extending therethrough, said body portion having a plurality of bores extending at oblique angles with respect to the outer wall of the body portion, the last mentioned bores communicating with the first mentioned bore, said last mentioned bores having their inner end walls curved and spaced from the outer end of the body portion to provide curved supporting surfaces, a plurality of balls disposed within the last mentioned bores and adapted to normally rest on the inner end walls of the bores, said balls adapted to grip a rod positioned within the central bore, and a removable cover plate positioned over the body portion and adapted to close the upper ends of the angularly disposed bores.

1,620,914. VENDING MACHINE. CLAUDE E. PARKER, Mountain View, Calif., assignor to Parker Pencil Company, Inc., Los Angeles, Calif., a Corporation of California. Filed Apr. 16, 1925. Serial No. 23,621. 2 Claims. (Cl. 211—8.)



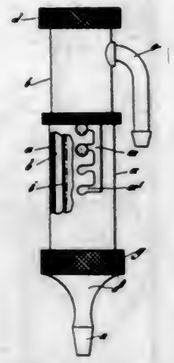
1. A pencil vending machine having a magazine formed with an inclined bottom having an outlet, a delivery mechanism regulating the outlet and means for continuously grouping a series of pencils in vertical alinement with the delivery mechanism and for holding the other pencils with respect thereto so as to provide a relatively constant uninterrupted source of supply for which pencils will be fed automatically into the delivery mechanism, said grouping means comprising a substantially U-shaped stay formed of a single length of wire secured to the front wall of the magazine and including a body portion directed downwardly and inwardly so that the lower horizontal portion of the stay is disposed in spaced relation to said front wall and at a point above and in spaced relation to the intake end of the delivery mechanism, so that a part of the merchandise is at one side of the stay and a part at the other side thereof.

1,620,915. GYPSUM PRODUCT AND METHOD OF PRODUCING THE SAME. LAYTON M. PARKHURST, Indianapolis, Ind., assignor, by mesne assignments, to Federal Gypsum Products Company, Chicago, Ill., a Corporation of Delaware. Filed May 6, 1922. Serial No. 559,113. 13 Claims. (Cl. 106—34.)



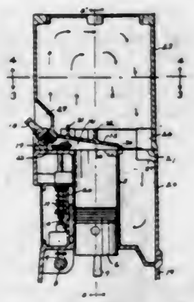
1. Process of making gypsum products which comprises preparing a mortar by mixing calcined gypsum with water and carbon dioxide.

1,620,916. MILKING MACHINE. ROBERT CHARLES PESSELL, Bath, England. Filed July 17, 1926, Serial No. 123,144, and in Great Britain Apr. 25, 1925. 2 Claims. (Cl. 31—85.)



1. In milking apparatus, a teat cup comprising a casing composed of a pair of telescopically connected sleeves, means for securing said sleeves in different telescopically adjusted positions with respect to one another, a clamp nut threaded on the outer end of each of said sleeves, and an elastic liner within said casing detachably connected at its ends with the outer ends of said sleeves, respectively, by said clamp nuts.

1,620,917. INTERNAL-COMBUSTION ENGINE. CHARLES W. PENDOCK, West Allis, Wis., assignor to Le Roi Company, West Allis, Wis. Filed May 24, 1923. Serial No. 641,146. 19 Claims. (Cl. 123—173.)



1. The combination with an evaporation-cooled internal combustion engine having a cylinder and a jacket, of a reservoir unit provided above the normal level of coolant with an opening affording free communication with the atmosphere and, removably connected with said jacket in communication with the space between the jacket and cylinder, and a removable cylinder head connected with said reservoir unit for attachment and removal therewith.

1,620,918. GUARD FOR REELS. ANTON J. PLOTZ, Chicago, Ill. Filed July 6, 1925. Serial No. 41,587. 7 Claims. (Cl. 242—157.)

1. The combination with a hanger support having inwardly bent terminals, of a reel comprising a central portion with flanged ends and rotatably supported on said terminals, and a guard for said reel, said guard comprising a pair of arcuate end members, said arcuate end members lying in the plane of said reel flanged ends and being supported thereon, cross members connecting said end members, and means connected with said arcuate members for retaining said guard in said hanger support.



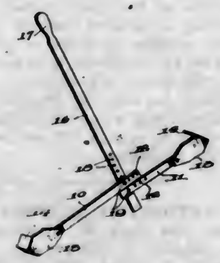
1,620,919. CARRIER FOR PAILS AND THE LIKE. GEORGE POLHAMUS, Toledo, Ohio. Filed June 23, 1926. Serial No. 117,906. 1 Claim. (Cl. 224—45.)



A pail carrier composed of a pair of U-shaped members having their bases secured together to form a seat for the pail bottom and to provide a series of legs which latter engage the pail sides, the upper free ends of each of the legs of one of the members being extended outwardly at an incline for a distance so as to have a relatively divergent relationship thereby to effect automatic outward spreading upon engagement with the bottom of a pail in applying the device to the pail, and a carrying bail secured at its ends to the free extremities of the inclined portions of the legs of said members whereby upon lifting of the bail, the inclined portions will be moved inwardly so that the inner ends thereof fulcrum against the top of the pail thereby to firmly grip the latter.

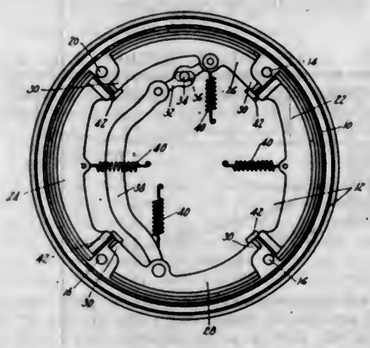
1,620,920. IMPLEMENT FOR RESHAPING DISTORTED ELEVATOR BUCKETS. CHARLES FRANCIS PORTER, Flat Rock, Ind. Filed Jan. 23, 1925. Serial No. 4,289. 2 Claims. (Cl. 81—15.)

1. An implement of the class described including a pair of thrust bars movable approximately in relatively opposite directions, an actuating lever operatively connected with said thrust bars, and a work-engaging element carried by one end of each thrust bar and consisting of a



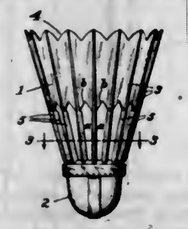
body having a right-angular head adapted to engage either the inner or the outer faces of diagonally opposite corners of an elevator bucket.

1,620,921. BRAKE. ROY S. SANFORD, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 7, 1926. Serial No. 100,287. 18 Claims. (Cl. 188—78.)



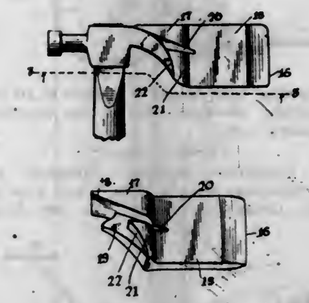
1. A brake comprising, in combination, a drum, a pair of servo shoes engageable with opposite sides of the drum, and an additional plurality of shoes, part forced against the drum by one servo shoe and part by the other and anchoring at opposite ends when the drum is turning in opposite directions.

1,620,922. SHUTTLE FOR BADMINTON AND THE LIKE. ADDISON T. SAUNDERS, Akron, Ohio, assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed July 1, 1926. Serial No. 119,884. 9 Claims. (Cl. 273—106.)



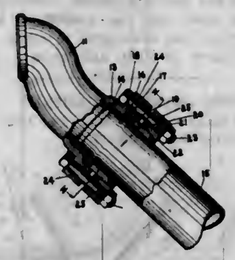
2. A shuttle for the game of badminton and the like comprising a head and a featherless vane or tail member attached thereto of cone-like form and adapted to substitute the usual feathers and to extend away from the head to the same extent as said usual feathers, said vane having spaced stem portions at its end adjacent the head, and the vane surface being continuous at the other end.

1,620,923. TOOL ATTACHMENT FOR HAMMERS. LESTER W. SHAVER, San Diego, Calif. Filed Jan. 5, 1926. Serial No. 79,409. 2 Claims. (Cl. 7—8.)



1. A tool attachment for claw hammers, having means adapted for engagement with the curved claws of a hammer, and means adapted for engagement with the straight claws of a hammer, both of said means being operable with the respective claw to secure the attachment in operative position on the hammer.

1,620,924. COUPLING FOR PIPES. LYLE K. SNELL, Toledo, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 25, 1920. Serial No. 419,329. 2 Claims. (Cl. 285—136.)

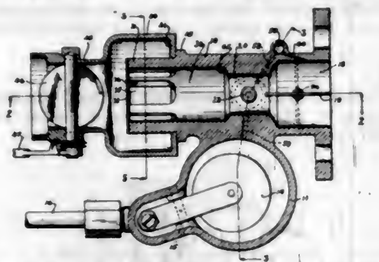


1. In a device of the class described, a pipe having a counterbore at one end thereof, a second pipe of substantially uniform diameter telescoping within said first pipe and having a bearing therewith beyond said counterbore, an annular rib formed on said second pipe and spaced from the end thereof, a packing ring fitting in said counterbore and adapted to be engaged by said rib when said pipes are drawn together and means including a holding ring slidably mounted on said second pipe engaging said rib and fitting in said counterbore for drawing said pipes together and radially supporting said second pipe within the counterbore, said holding ring being slipped longitudinally upon the second pipe past said annular rib.

1,620,925. CARBURETOR. ROY MORTIMER TANGYE, Denver, Colo. Filed Dec. 9, 1924. Serial No. 754,789. 4 Claims. (Cl. 261—79.)

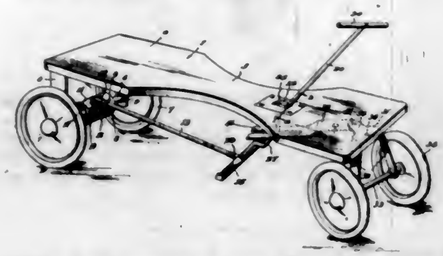
1. A carburetor comprising a casing having a float chamber and having a transverse member at one side

thereof, said transverse member having an axial bore therethrough, one end of said transverse member com-



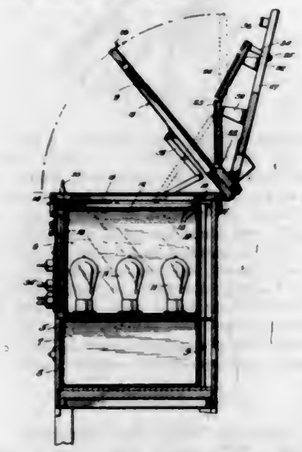
prising a tubular body having a closure at its outer end and tangentially arranged slots in the peripheral wall of said tubular body.

1,620,926. COASTER WAGON. HERBERT A. TRULLINGER, Clackamas County, Oreg. Filed June 25, 1926. Serial No. 118,549. 4 Claims. (Cl. 208—35.)



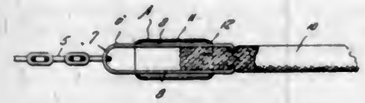
1. A wagon comprising a body, propelling and steering wheels thereon, a rocking element, an operating lever pivotally mounted in the rocking element and having a crank portion, connecting means between the crank portion of the lever and the steering wheels, connecting means between the said lever and the propelling wheels, and a foot bar carried by the said lever to admit of the latter being operated both by foot and hand.

1,620,927. PHOTO-PRINTING CABINET. JOHN USNIK, Los Angeles, Calif. Filed May 16, 1925. Serial No. 30,816. 1 Claim. (Cl. 95—73.)



A photographic printing cabinet including a body portion, said body portion being divided into an upper lamp chamber and a lower compartment, lamps in the lamp compartment, a pair of contact members extending upwardly from the body portion, a master switch, wires for providing circuits between the contact points, master switch and lamps, a movable frame for supporting articles to be printed, mounted at the upper portion of the body portion and having an opening through which the contact points extend, backing members adapted to engage an article supported by the frame, to engage the articles and hold them to the frame, a pivoted arm for engaging the backing members to hold the backing members tightly against the frame, and a contact member carried by the arm and adapted to engage the contact points to complete circuits to the lamps.

1,620,928. CLOTHESLINE CONNECTION. SAMUEL J. WALASCHEK, New York, N. Y. Filed Dec. 15, 1926. Serial No. 154,968. 2 Claims. (Cl. 24—123.)



1. A device of the class described including a U-shaped engaging clamp having inturned extremities and legs normally diverging outwardly towards their extremities, and a cylinder having inturned feathered edges at both ends slidably mounted over the legs of the clamp.

1,620,929. HEAT-THERAPY METHOD AND MEANS. GEORGE W. WALLERICH, Chicago, Ill. Filed Feb. 5, 1925. Serial No. 6,965. 2 Claims. (Cl. 174—177.)



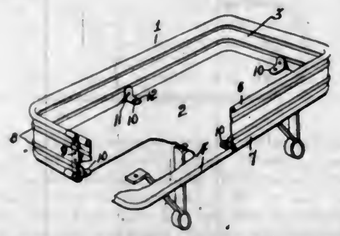
1. In an electro-therapeutic device, a glass tube thermometer, an electrode comprising a thin coating of copper formed on the surface of the sensitive end of the glass thermometer tube, and an insulating tube covering the thermometer and electrode with tip of said end exposed.

1,620,930. HOLDER FOR FOUNTAIN PENS AND THE LIKE. PURCELL THOMAS WEBB, Christchurch, New Zealand. Filed Mar. 28, 1925, Serial No. 19,060, and in New Zealand Sept. 9, 1924. 2 Claims. (Cl. 24—3.)



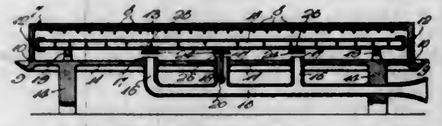
1. A holder for pens, pencils and the like, comprising an inverted U-shaped member of spring metal formed integral with a tubular receptacle having spring portions adapted to receive and grip the pen, pencil or the like; and a lever pivotally mounted upon said holder and constructed so as to compress said inverted U-shaped member when actuated.

1,620,931. JUVENILE-WAGON BODY. JOHN WEBBER, Toledo, Ohio, assignor to The American-National Company, Toledo, Ohio, a Corporation of Ohio. Filed June 28, 1924. Serial No. 722,902. 3 Claims. (Cl. 296—28.)



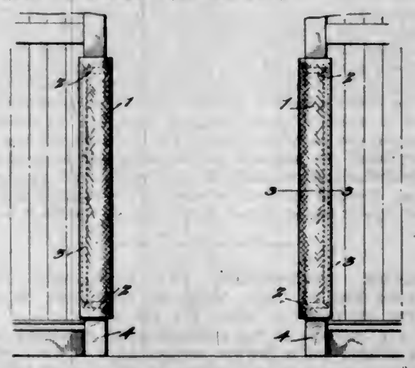
1. A juvenile wagon body having a rectangular sheet metal side wall and platform part, a curved trough formed on each side of said platform part, a roll formed on the lower edge of said side wall and fitting into said trough serving to reenforce said platform part, providing a support for said side wall part and preventing bulging of said side wall part in both directions, and means for detachably connecting and maintaining said parts in assembled relation and for permitting bodily removal of said side wall from said platform part.

1,620,932. LIQUID-FUEL BURNER. OSCAR WHITE, St. Louis, Mo. Filed May 4, 1926. Serial No. 106,759. 4 Claims. (Cl. 158—53.)



1. A liquid fuel burner comprising a horizontally elongated hollow tube-like body having a perforated upper portion and having its lower portion provided with an out-standing drip and pre-heating trough, said body having one or more perforations near its bottom for discharging fuel into said trough for pre-heating purposes, a perforated fuel pipe mounted in and extending longitudinally of said body above its bottom, fuel supply means leading to said pipe, air inlet means through the bottom of said body, and guard means around said air inlet means to prevent outflow of fuel therethrough.

1,620,933. CASING PROTECTOR. JOSEPH T. WILCOX, Seattle, Wash. Filed Mar. 1, 1926. Serial No. 91,648. 3 Claims. (Cl. 20—100.)



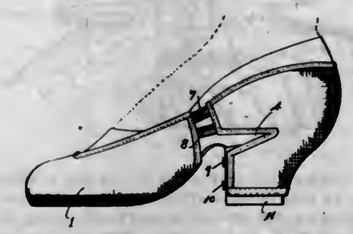
1. A guard or protector comprising an appropriate length of relatively soft fabric, spring clamping members at the respective ends thereof, and stretching members arranged intermediate the clamping members.

1,620,934. DOUBLE-ACTION OIL-WELL PUMP. ARGUS O. ZINN, Los Angeles, Calif. Filed Dec. 3, 1923. Serial No. 678,285. 15 Claims. (Cl. 103—179.)



1. In a deep well reciprocating pump, a confined column of liquid of substantially constant length for transmitting an operative impulse in one direction, and a tension device for transmitting an impulse in the opposite direction extending entirely through the confined column.

1,620,935. SHOE OVERALL. TESSIE ARNSBERG, San Francisco, Calif. Filed Sept. 9, 1926. Serial No. 134,356. 2 Claims. (Cl. 36—72.)

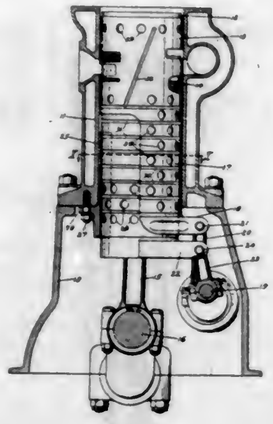


1. A shoe protector for automobile drivers comprising a toe covering and a heel covering, elastic tapes connecting the toe covering and the heel covering at each side of the shoe, and other elastic tapes connecting the heel covering at its front edges whereby the heel covering is held in place on the shoe.

1,620,936. INTERNAL-COMBUSTION ENGINE. ARTHUR J. BAKER, Toledo, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Dec. 17, 1923. Serial No. 681,167. 11 Claims. (Cl. 125—75.)

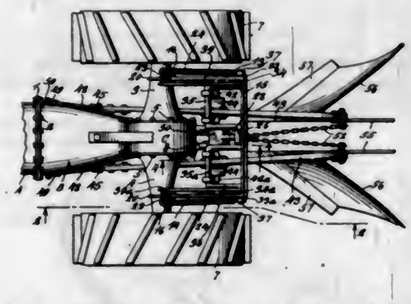
1. In an internal combustion engine, a cylinder, inner and outer sleeves therein, the latter encircling the former at its upper end and having a reduced extension projecting downwardly within the cylinder, said extension being of a length as great as the length of

the encircling portion, a bearing member for said inner sleeve fixed to said cylinder diametrically opposite



to said outer sleeve extension, and driving means operatively connected with said inner sleeve and with the extension of the outer sleeve.

1,620,937. TRACTOR HITCH. EMERY E. BASHOR and EDWARD N. WRAY, Berthond, Colo. Filed May 3, 1926. Serial No. 106,388. 6 Claims. (Cl. 97—47.)

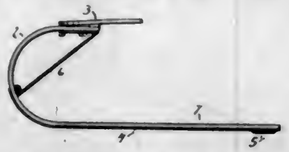


1. In combination with a tractor having a differential housing, an axle housing extending outwardly from each side thereof, a lug extending rearwardly from the differential housing, a U-shaped frame having its ends pivotally secured to the axle housing on opposite sides of the differential housing and a support member secured to the frame and adapted to engage the lug so as to prevent the frame from moving downwardly.

1,620,938. ALTERING VISCOSITY OF CELLULOSE-CONTAINING MATERIALS. HARRY P. BASSETT, Cynthiana, Ky. Filed Dec. 19, 1923. Serial No. 681,654. 6 Claims. (Cl. 260—146.)

1. The herein described steps in the process of producing a cellulose derivative capable of producing solutions of a desired viscosity comprising treating cellulose fibre with a dilute acid containing a percentage of acid having a hydrogen ion content equivalent to a solution of sulfuric acid between approximately .05 and 1 per cent by weight at a temperature above 20° C., and below 100° C., washing the fibre, treating it with a dilute alkali solution, and washing the fibre.

1,620,939. CHILD'S COASTER. JOHN J. BEHM, Grand Haven, Mich. Filed Nov. 23, 1923. Serial No. 676,532. 1 Claim. (Cl. 280—8.)

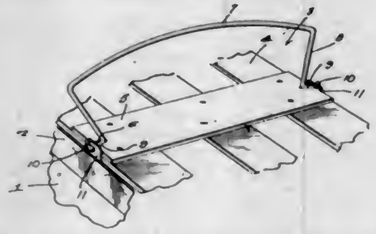


In combination with a child's coaster having a wooden runner bent upwardly and backwardly at the front end, and having a laterally disposed handle secured across the upper end of the curved part of the runner, said runner protected with an iron shoe, and said shoe having a longitudinally disposed depressed rib near the back end of the runner, and a longitudinally adjustable brace in the curve of the runner for adjusting the height of the handle bar to the height of the child using the coaster.

1,620,940. PROCESS OF PRODUCING IMPERVIOUS MATERIAL. WARREN F. BLEECKER, Boulder, Colo. Filed Dec. 28, 1921. Serial No. 525,489. 3 Claims. (Cl. 91—70.)

1. The process of producing material of the character described consisting in impregnating a body of artificial graphite with asphalt, baking the impregnated body and repeating the impregnating and baking actions until the voids of the graphite are filled.

1,620,941. BASKET HANDLE. FOREST J. BRAINARD, Brocton, N. Y. Filed June 30, 1926. Serial No. 119,673. 1 Claim. (Cl. 217—125.)

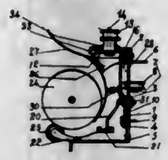


In a basket structure, an open top basket embodying flexible side walls and having a laminated rim at its top, a removable cover for said open top resting upon the upper edge of said rim, said cover including a transverse cleat having V-shaped notches at its opposite ends, bail-retaining plates secured between the plies of said rim and projecting above said rim, the projecting portions of the plates being provided with horizontally disposed elongated slots disposed in registry with the aforesaid notches, and a resilient wire carrying bail, the downwardly directed end portions of which are bent inwardly towards each other, the free ends thereof being bent outwardly at substantial right angles, said right angularly bent portion being disposed in said notches and extending through and beyond said slots and terminating in upturned hooks.

1,620,942. TYPEWRITER. ITALO BHASA, Milan, Italy. Filed Feb. 16, 1925, Serial No. 9,637, and in Italy Feb. 18, 1924. 1 Claim. (Cl. 197—60.)

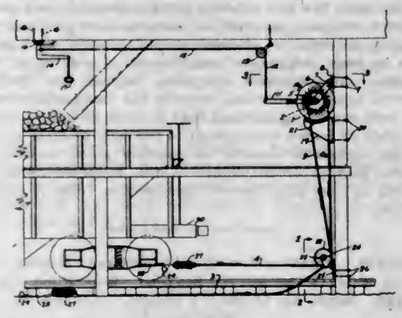
In a carriage of the class described consisting of a bed member and a running member made of sheet metal, T-like turned over projections on the forward edge of said bed member, a plate support for the ribbon device at the forward edge, a turned up portion at right angle at the back edge, a tongue projection for the attachment

of the bell lever, a tongue like projection for supporting a guiding pulley, a tongue projection for the attachment of the escapement spring, a turned down tongue for connecting the escapement mechanism, a rectangular aperture for the working of the escapement mechanism; a lengthwise wedged groove forming a raceway for two rolling balls, a wedged groove in the carriage member, a turned up back edge portion provided with two slots to receive the nut and screw stops for fixing the margins of the writing, turned upwards side triangular edges in said carriage member to form the support for the platen,



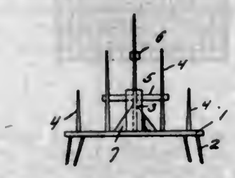
a notch punched down at the back edge of said carriage member to contact with the upper side of the back flange of the bed member, slots on said carriage member to fix the escapement rack, holes in said carriage members to attach the arms of a bar guide for resilient bracket with rollers; two slots to receive lugs projecting from the feeding plate, holes in said carriage to receive coiled springs forming a resilient cushion for said feed plate, said lugs being entertained by wire loops, holes in said bed plate to fix a resilient plate with a roller resting on the back turned up edge of the said carriage member.

1,620,943. CAR RETARDER. WILLIAM BRASACK, Oak Park, Ill. Filed Apr. 28, 1922. Serial No. 557,150. 5 Claims. (Cl. 188—2.)



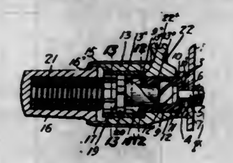
1. In a brake, a drum, a flexible member adapted to be wound on said drum, and means interposing frictional resistance induced by the pull on said member for retaining said drum against rotation, said means including a stationary brake shoe adapted to support the entire weight of said drum during the braking operation of same.

1,620,944. DISPLAY DEVICE. ZELTON D. BRUMBERG, Ironton, Ohio. Filed May 6, 1926. Serial No. 107,186. 2 Claims. (Cl. 211—14.)



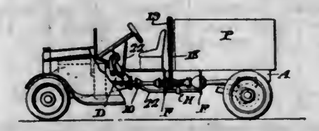
1. A display device comprising a support, transverse series of spaced blade-like upwardly tapered uprights connected to and extending upwardly from said support, the central uprights of each series being longer than the other uprights in the series and the intermediate uprights in each series being shorter than the central upright and longer and higher than the end uprights, transverse horizontal bars interposed between and fixed intermediate points of the central upright of each transverse series and the next adjacent uprights at opposite sides of said central upright, and longitudinal bars connected to and connecting the central uprights of the several transverse series at an intermediate point in the height of said uprights.

1,620,945. SHOCK ABSORBER. FRANK WESLEY BULL, Oshawa, Ontario, Canada. Filed May 17, 1926. Serial No. 109,751. 5 Claims. (Cl. 267—10.)



1. A shock absorber for vehicles comprising a stationary member secured to a vehicle frame and forming an axial support, an internal threaded cylindrical casing mounted upon such support to revolve therearound, a quadrant formed integral with the casing, a flexible connection adapted to be secured to the quadrant at one end and to a vehicle axle at the other end, a threaded cylinder engaging the internal thread of the support, connecting means whereby the cylinder is turned by the turning of the casing, and resilient means carried within the casing and adapted to resist the outward movement of the threaded cylinder as it is turned within the threaded support.

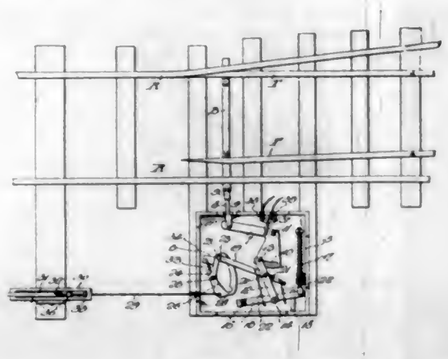
1,620,946. LIGHT MOTOR-TRUCK ATTACHMENT FOR HIGH-PRESSURE SPRAYING. ALBERT F. BURGESS, Melrose Highlands, Mass., dedicated, by mesne assignments, to the People of the United States. Filed July 16, 1925. Serial No. 44,127. 1 Claim. (Cl. 180—53.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)



The combination of mechanism for operating an automobile and auxiliary devices, including a motor, a drive shaft extending toward the rear of the automobile, a telescoping shaft carrying universal joints at each end thereof attached to the rear end of said drive shaft, a clutch-carrying shaft attached to the rear of said telescoping shaft supported in suitable bearings and carrying near its rear end a double-faced sliding jaw clutch keyed to said clutch-carrying shaft and adapted to be shifted longitudinally, a driven shaft supported in suitable bearings concentric with and to the rear of said clutch-carrying shaft and having on its forward end jaws adapted to engage with the jaws of the rearward face of the double-faced clutch, a universal joint attached to the rear end of said driven shaft, a shaft adapted to drive the rear axle of the automobile attached at its forward end to the last aforesaid universal joint, a sprocket freely revoluble on the clutch-carrying shaft and having a clutch face toward the rear adapted to be engaged by the front face of the aforesaid double-faced clutch, means for shifting said double-faced clutch for-

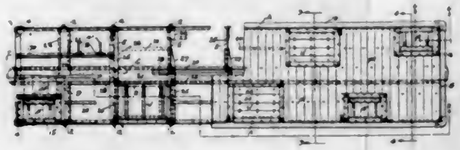
ward and backward so as to engage either or neither of the clutch faces of the sprocket and driven shaft, and a chain carried by said sprocket connecting with another sprocket for operating auxiliary devices.

1,620,947. SWITCH-THROWING MECHANISM. HERMAN NEWTON BURRESS, Matewan, W. Va., assignor of one-half to L. T. Compton, Matewan, W. Va. Filed May 13, 1926. Serial No. 108,904. 6 Claims. (Cl. 246—318.)



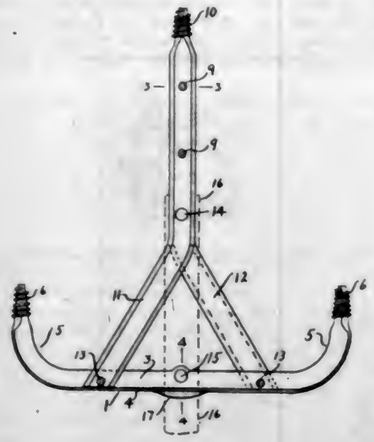
1. A switch throwing mechanism comprising a lever and means for connecting it to a switch tongue, a pivotally mounted link having a shoe at one end, said lever having a curved slot which slidably receives said shoe and extends in opposite directions from an imaginary line between the lever fulcrum and the link pivot, means acting longitudinally on said link to quickly snap it beyond a dead-center position when the link is moved to such position, said means being then active to move the link and lever to a switch-throwing position, and means for moving said lever to said dead-center position.

1,620,948. LOAD-DISCHARGING CAR. ARGYLE CAMPBELL, Chicago, Ill., assignor to Enterprise Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 7, 1925. Serial No. 48,797. 23 Claims. (Cl. 105—244.)



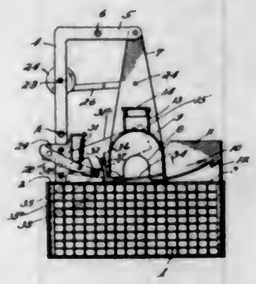
2. In a dump car, the combination with center sill, bolsters and cross beams extending outwardly from said center sill and spaced from each other; a floor disposed above the said center sills and cross beams, metallic beam members on each side of the center sill extending from each end of the car to the adjacent bolster, said beams being disposed outwardly from the center sill of the car; dumping doors forming a portion of the floor, said doors being hinged to said longitudinal beam members; and other dumping doors disposed intermediate said first named doors, said last named doors being hinged adjacent the center sill, the doors on one side of the center sill being alternated with fixed floor sections on the opposite side of the center sill.

1,620,949. CROSS-ARM. CHARLES WELLMAN CASSELS, Hamilton, Ontario, Canada, assignor to The N. Slater Company, Limited, Hamilton, Ontario, Canada. Filed Dec. 6, 1923. Serial No. 678,965. 1 Claim. (Cl. 189—33.)



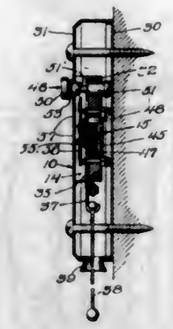
A metallic cross-arm of the class described comprising a horizontal branch and a vertical branch, the horizontal branch formed from a length of metal of T-shaped cross-section with the web or stem portion directed towards the vertical branch, the vertical branch formed from two lengths of metal of channel shaped cross-section placed back to back and secured together for a portion of their lengths, said channels extending beyond the aforesaid secured together portions towards the horizontal branch, and said extending portions bent to form divergent braces, the ends of which are secured to the web or stem portion of the horizontal branch on opposite sides thereof, the central portion of the flange of the T-shaped horizontal branch on one side thereof deformed to form a concave seating.

1,620,950. TRAP. SAMUEL M. COFFMAN, Kansas City, and WILLIAM M. ELDER, Braymer, Mo. Filed Apr. 5, 1926. Serial No. 99,866. 7 Claims. (Cl. 43—73.)



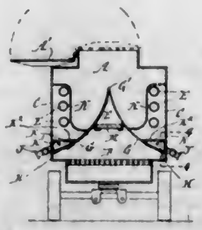
1. In a trap, a cage provided with a normally closed entrance opening, a horizontally movable container for forcibly propelling an animal through said opening into the cage, power means for operating said container, and a trip for normally retaining said power means against operation.

1,620,951. CALL SWITCH FOR HOSPITAL SIGNAL SYSTEMS. WILLIAM P. CROCKETT, Chicago, Ill. Filed Apr. 14, 1923. Serial No. 631,993. 7 Claims. (Cl. 200—16.)



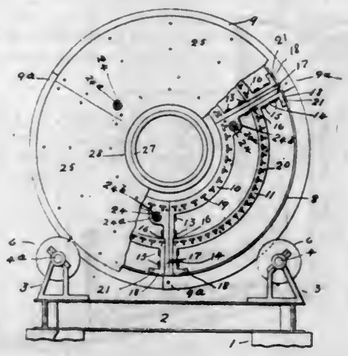
1. Electrical signal-initiating switch-means of the character described, comprising in combination, a shallow casing adapted to be secured to a vertical wall, said casing carrying therein an insulating base, a movable contact-member slidably mounted on said base for vertical movement relative thereto, fixed contact members for inclusion in signaling circuits mounted on said base for coaction wtih said movable contact member in one position of the latter, a spring acting on said movable contact to elevate it to circuit-opening position, manual means for depressing said movable contact member to circuit-closing position, and mechanical means for latching said movable contact member in circuit-closing position comprising a finger-piece extending through the front of said shallow casing for rearward movement to release the latch.

1,620,952. BITUMEN BOILER. FREDERICK ALBERT DAVIES, Auckland, New Zealand, assignor to The Steel Construction Company Limited, Auckland, New Zealand, Filed Nov. 19, 1925. Serial No. 70,106. 5 Claims. (Cl. 126—343.5.)



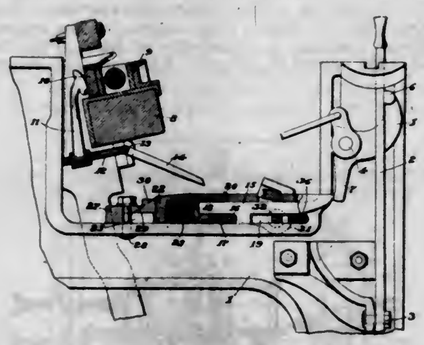
1. In a bitumen boiler, a casing providing a bitumen holder and a furnace having a comon wall which constitutes the bottom of the holder and the crown of the furnace; said wall being shaped to form a single central peak of narrow or acute angular section extending longitudinally thereof from end to end and a sediment-collecting sump or gutter at each side of such peak, said peak projecting upward into the central portion of the holder for a considerable distance and terminating in a sharp upper edge which is disposed a slight distance below the top of the holder so as to support temporarily on its said sharp edge large lumps of bitumen introduced into the holder and to cut said lumps while so supported.

1,620,953. MACHINE FOR SCALING AND GRADING FISH. FRANCIS HARLEY DAVIS and JOHN W. KLOHE, Monterey, Calif.; said Klohe assignor to said Francis H. Davis. Filed Apr. 30, 1925. Serial No. 26,974. 22 Claims. (Cl. 17—5.)



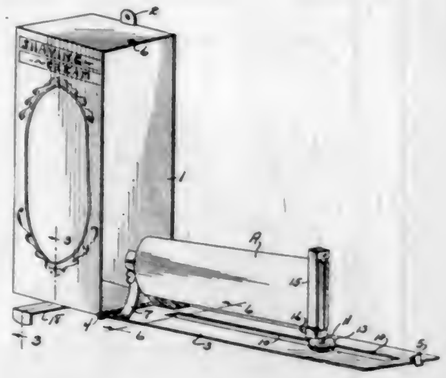
1. A grader comprising a revoluble body, a central intake and a plurality of outlets, the intake being higher above the horizontal plane than the outlets, the said body having a plurality of inner segmental forms disposed in planes at right angles to the longitudinal axis of the body, the said body and the interior forms being adapted for assemblement and dismemberment in longitudinal segmental sections, substantially as described.

1,620,954. LOOM FROG. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 2, 1926. Serial No. 139,088. 4 Claims. (Cl. 139—346.)



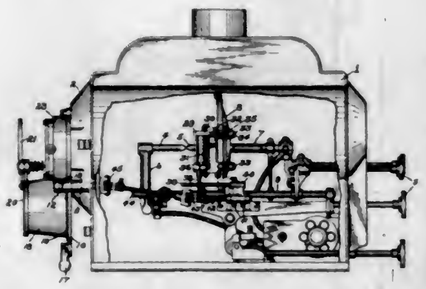
1. A protector mechanism for looms, comprising a frog support, a recessed frog having an open bottom and back wall and slidably mounted upon the frog support, a frog stop and guide secured to the loom frame and overlying portions of the frog, a fixed thrust wall within the recess of the frog, and a block of rubber material coextensive with the space between the thrust wall and back wall of the frog when the latter is in its rearward position that the full section of such material may be effective in cushioning the frontward movement of the frog, a safety pin carried by the frog, and an elastic stop of less elasticity than the block of rubber material to stop the frog before the lay completes its frontward movement.

1,620,955. TUBE HOLDER AND PASTE EJECTOR. FRANCIS PIERCE DROHAN, Jacksonville, Fla. Filed Apr. 9, 1926. Serial No. 100,953. 1 Claim. (Cl. 221—60.)



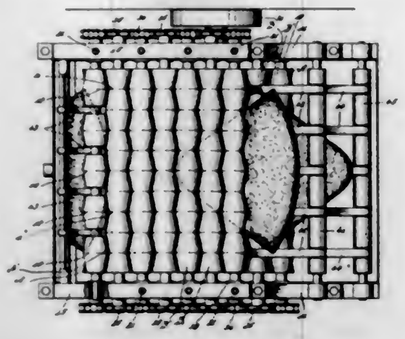
A device of the class described comprising a cabinet having a hinged side and an opening in its bottom, a slide closing the opening, a bracket on the hinged side having a spring loop portion for engaging the mouth of a tube, means for contracting the loop portion around said mouth of the tube, a member rotatably and slidably arranged in the slot with a handle part arranged on the outer face of the hinged side, a second member hinged to the first and arranged to clamp the flat end of a tube between itself and the first member, and a latch member for holding the members in clamping relation.

1,620,956. PROJECTION APPARATUS FOR STEREOPTICON VIEWS AND CINEMATOGRAPHIC FILMS. CECIL M. FOX, Toledo, Ohio, assignor to The Rollaway Motor Company, a Corporation of Ohio. Filed May 17, 1926. Serial No. 109,467. 9 Claims. (Cl. 88—24.)



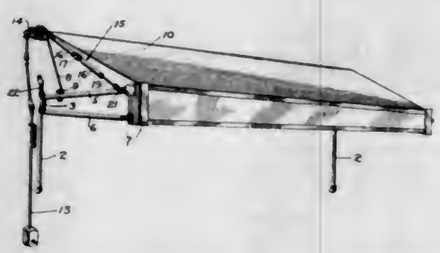
2. In a projection apparatus having a housing and a source of light within said housing, a muzzle connected to said housing and provided with a pair of openings, means for pivotally connecting said muzzle to said housing, means associated with said source of light for directing light rays through one of said openings, and means operable by movement of said muzzle for moving said light directing means away from said source of light.

1,620,957. METHOD OF AND APPARATUS FOR SHRINKING AND FELTING FELT ARTICLES. HOMER A. GENEST, Hartford, Conn., assignor to United States Hat Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Feb. 1, 1924. Serial No. 689,940. 37 Claims. (Cl. 28—6.)



2. The process of shrinking hat bats and the like which consists in progressing checkerboard-like arranged depressions and elevations throughout the bat.

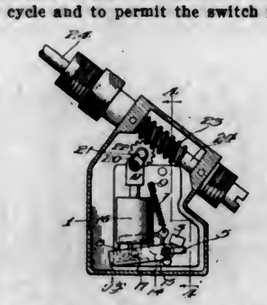
1,620,958. AWNING FRAME. THOMAS C. GIRTON and FREDERICK J. P. KUHLMANN, San Francisco, Calif., assignors to H. M. Goldberg Co., a Partnership consisting of Harry M. Goldberg, Milton Birnbaum, and H. S. Batchelder, all of San Francisco, Calif. Filed Mar. 25, 1926. Serial No. 97,191. 7 Claims. (Cl. 156—44.)



1. An awning frame comprising the combination of two relatively spaced side arms having the inner ends pivotally connected to a supporting structure, whereby the arms can swing vertically thereabout, means connecting the free ends of the arms, an awning roller on the supporting structure above the said pivot connections and adapted to carry an awning connected to the said means, and means including resilient means forming a connection between the supporting structure and the first said means, the second named means acting as a shock absorber when lowering the frame, acting to support the frame in the lowered position and assisting in raising the frame.

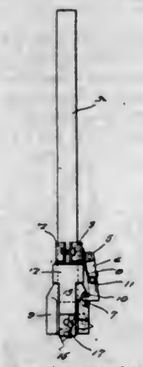
1,620,959. DEVICE FOR CAUSING VEHICLE SIGNAL LIGHTS TO FLICKER. STEFAN GOBOS, Chicago, Ill. Filed Feb. 9, 1925. Serial No. 7,779. 4 Claims. (Cl. 200—30.)

2. A mechanism for controlling a circuit comprising a switch, a member adapted to be moved from a position of rest through successive predetermined cycles, means associated with said member to cause the switch to open during each cycle and to permit the switch to close when



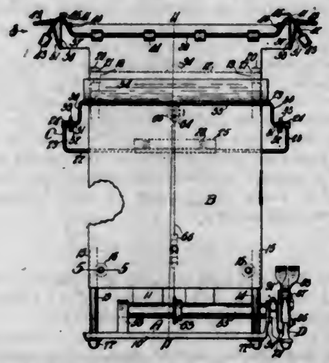
said member comes to rest at any point in said cycle, and means yieldingly acting on the switch and tending constantly slowly to close the same.

1,620,960. NUT-APPLYING DEVICE. ARTHUR GOETTING, Buckley, Ill. Filed May 6, 1923. Serial No. 107,302. 4 Claims. (Cl. 81—125.)



1. In combination, a socket member adapted to receive a nut and to turn the same, and a movable nut retainer carried by said socket member; the said nut retainer being yieldingly maintained in front of the nut and in the path thereof and being shaped to be moved out of said path by contact with an object relative to which the socket member is rotated.

1,620,961. COPYHOLDING APPARATUS. PETER GRABLER, Rocky River, Ohio, assignor of one-half to Charles E. Day, Lakewood, Ohio. Filed Jan. 16, 1925. Serial No. 2,720. 21 Claims. (Cl. 120—29.)

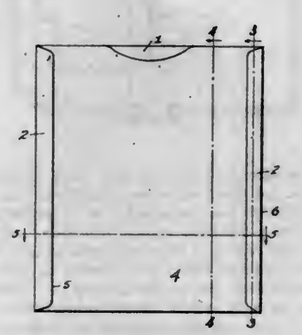


1. A copy holding apparatus comprising, a movable copy support plate, means for moving said plate, and, means normally locking said plate against movement in one direction and in any position into which said plate may be moved.

12. A copy holding apparatus comprising, a copy support plate movable longitudinally and pivotally, means for moving said plate longitudinally, and said moving means concentric with the axis of the pivot of said plate.

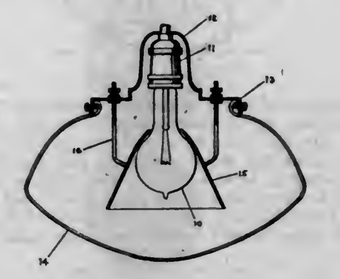
19. A copy holding apparatus comprising, a copy support plate movable longitudinally and pivotally, and means for cushioning the longitudinal movement of said plate in any pivoted position thereof.

1,620,962. PYRALINE DOCUMENT-HOLDING ENVELOPE. CHARLES J. GUTBERLET, Philadelphia, Pa. Filed Dec. 31, 1928. Serial No. 683,833. 2 Claims. (Cl. 229—71.)



1. A document holding envelope of sheet pyraline, the two side walls of the envelope being formed of a single sheet folded at the bottom of the envelope and one of the side walls being provided with flaps folding over toward the inner side of the side wall of the envelope to which they are attached and forming pockets between them and this wall, in which the outer edges of the other wall fit and in which they slide freely, the said flaps holding their position entirely by the resiliency of the pyraline fabric, and their turned over portions being free from the wall of the envelope to which they are attached, and being entirely free from and unattached to the wall of the envelope inserted in the pockets formed by these flaps.

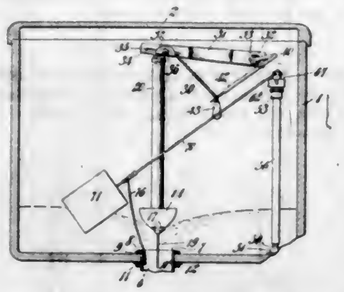
1,620,963. LIGHTING FIXTURE. EDWIN F. GUTH, St. Louis, Mo. Filed July 5, 1921. Serial No. 482,355. 2 Claims. (Cl. 240—78.)



1. A lighting fixture comprising a canopy, a light source and inclosing bowl and a reflector within the bowl, said reflector having an opening in its top slightly larger than the neck of the light source and extending downwardly

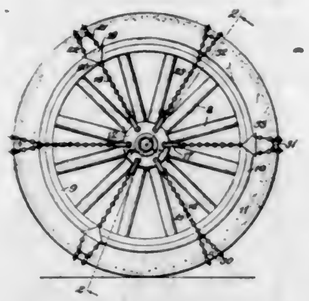
below the light source and flaring outwardly so as to surround the light source; said reflector being also mounted for vertical adjustment from the canopy of the fixture.

1,620,964. FLUSHING-VALVE MECHANISM. PHILIP HAAS, Dayton, Ohio. Filed Mar. 16, 1926. Serial No. 95,007. 6 Claims. (Cl. 4—58.)



1. The combination with a flush tank provided with a water inlet and inlet valve for controlling the same, and a flushing outlet and valve seat, of a vertically movable flushing valve adapted to engage said seat, and means for operating said valve, a float operated lever for the inlet valve, and provided with an aperture therein, of a depending after-drill device comprising a section of ball chain, the balls of which are of substantially the same diameter as said aperture, whereby, by drawing said chain through said aperture, the effective length of the after-fill device will be adjusted, and by permitting the chain to hang on opposite sides of the lever, it will be locked in adjusted position.

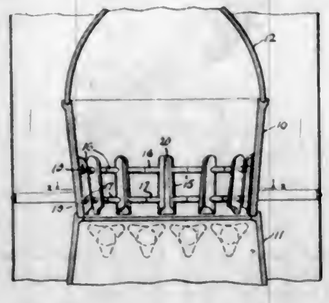
1,620,965. ANTISKID DEVICE. FRANK MARTIN HAMANN, Dunkirk, N. Y. Filed Feb. 19, 1925. Serial No. 10,240. 4 Claims. (Cl. 152—14.)



1. An antiskid device comprising a plate adapted to be held centrally of a vehicle wheel, a spreader plate arranged adjacent the side of the tire of said wheel, a radially extending chain connecting said plates, a plurity of antiskid chains secured to said spreader plate and adapted to extend around the outer side of said tire and means for detachably securing the outer ends of said antiskid chains to said radially extending chain.

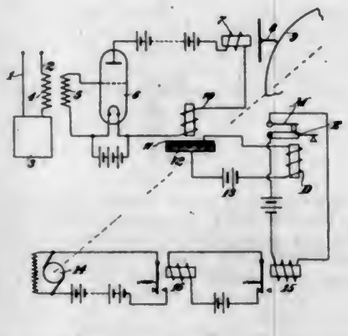
1,620,966. FURNACE CARBURETOR. ROYAL J. HANSEN, Milwaukee, Wis. Filed Jan. 20, 1926. Serial No. 82,591. 4 Claims. (Cl. 126—146.)

1. In a furnace, the combination of a fire-pot and a carburetor therein, the said carburetor being composed of a plurality of like parts arranged interiorly about the fire-pot, and provided with channels for conducting air to



the combustion chamber, the said parts being also provided with lateral arms which space the said parts in the arrangement described.

1,620,967. ELECTRIC-CIRCUIT MAKING AND BREAKING RELAY. RUDOLF HASE, Berlin, Germany, assignor to The Naamlooze Vennootschap Finanzieele Maatschappij "Driebergen," Amsterdam, Netherlands. Filed July 5, 1921, Serial No. 482,629, and in Germany Aug. 24, 1920. 5 Claims. (Cl. 179—171.)

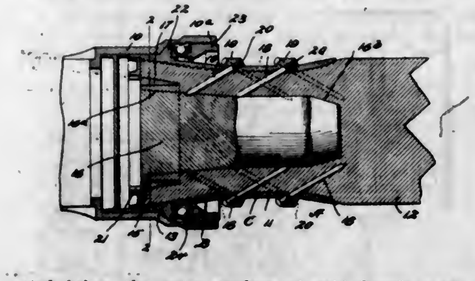


1. A device for automatically making and breaking an electric circuit with the commencement and ceasing of speaking currents, and similar electric oscillations, comprising an electro-magnet, a permanent magnet polarizing said electro-magnet, an armature for said electro-magnet consisting of an iron member rotatably mounted at one end and having a resilient tongue, permanently resting on a fixed abutment at its other end, a pivoted hammer loosely resting on the armature and free to be swung away therefrom under the influence of speaking currents, and to return to its normal position under the influence of its own weight, an electric contact between the hammer and the armature adapted to close the circuit to be influenced by contact between said hammer and said armature and to break said circuit on said hammer being raised from said armature.

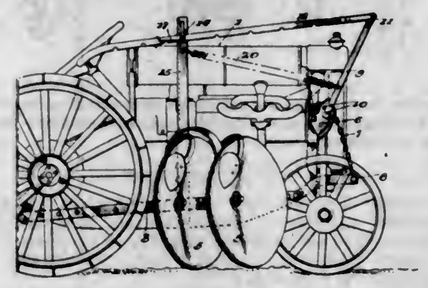
1,620,968. PROPELLER BLADE MOUNTING. SPENCER HEATH, Baltimore, Md. Filed Oct. 8, 1923. Serial No. 667,389. 12 Claims. (Cl. 170—173.)

1. In a propeller blade mounting, the combination of a ferrule, a blade shank inserted therein, a plurality of fastening devices extending thru the wall of the ferrule and into the material of the shank, certain of said devices

being arranged at an acute angle to the axis of the shank and projecting toward the inner end of the shank, the outer ends of said inwardly projecting devices being located below the outer surface of said ferrule, and a screw plug inserted in the ferrule engaging the outer end of each of said inwardly projecting devices.

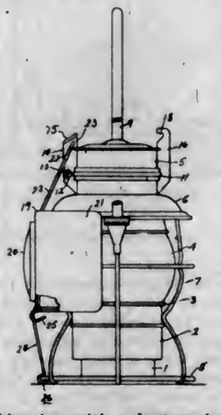


1,620,969. PLOW. LEVI C. HESTER, Jacksonville, Fla. Filed June 24, 1926. Serial No. 118,291. 3 Claims. (Cl. 97—47.)



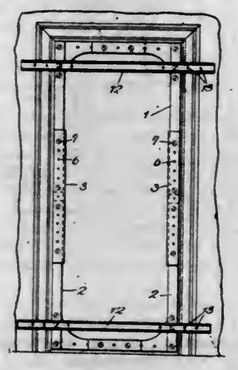
1. A plow for use on tractors comprising a push bar having its rearward end connected to the body of the tractor, a plow assembly mounted on the said push bar, a lift support secured to the body of the tractor, a sector pivoted to said support, means for rocking said sector, and a chain between the sector and the push bar.

1,620,970. LANTERN. GUY F. HITCHCOCK, Houston, Tex. Filed June 1, 1926. Serial No. 112,847. 6 Claims. (Cl. 240—15.)



1. The combination with a lantern having a frame, a globe and a dome, of a band adapted to be releasably clamped, round the dome, an anchor upstanding from said band at one side, a bar upstanding from the other side of said band, a lens frame and a lens capable of movement into active position in front of the globe and into inactive position above the dome, a link connecting said lens frame to said bar, a link one end of which is connected to said lens frame and is formed with a hook and whose other end is formed to engage the bottom of said lantern frame when the lens is in active position, said anchor having a notch to engage the edge of said lens frame and said bar having a bend adapted to be engaged by said hook, when the lens is in inactive position.

1,620,971. DEVICE FOR FACILITATING THE FITTING AND HANGING OF DOORS. GERD HOBBISIEFKEN, Burlington, Iowa. Filed Apr. 14, 1926. Serial No. 102,012. 2 Claims. (Cl. 33—197.)



1. A device to facilitate the fitting and hanging of doors, comprising a skeleton like rectangular form of light portable nature and having rigid side frame bars and upper and lower flexible frame bars adjustable for length to precisely fit the doorway, and upper and lower rigid unitary abutment and stiffening bars carried by and having adjustable bolt connection with said side bars and extending each the full breadth of said form and beyond the same at the ends, said abutment and stiffening bars having plane inner faces located in the same plane as the outer faces of said side bars.

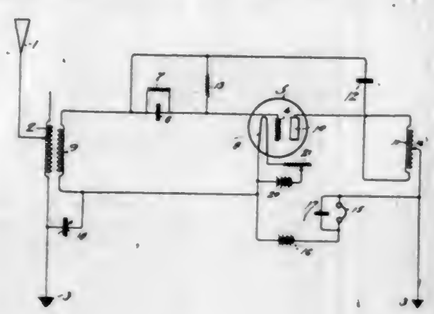
1,620,972. FISH LURE. FRANKLIN W. HOBBS, Bangor, Me. Filed Apr. 22, 1926. Serial No. 103,899. 1 Claim. (Cl. 43—45.)



A fish lure comprising a rod, a spherical bearing rotatable on the rod and a spinner on the rod constructed from a disk of metal provided with a pair of slits extend-

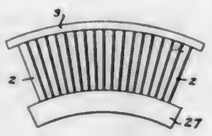
ing from the center of the disk through the marginal edge thereof to form an arm curving away from the rod with the free end bent at an angle and provided with a hole for freely receiving said wire, said disk further having wings on opposite sides of the arm and having a marginal portion offset and provided with a hole in alignment with said first hole to receive said wire, said marginal offset portion being curved to conform to a portion of the curved surface of said bearing to form a seat therefor.

1,620,973. RADIO RECEIVING CIRCUIT. WOLFF KAUFMAN, Paterson, N. J. Filed Apr. 14, 1923. Serial No. 631,988. 5 Claims. (Cl. 250—27.)



1. In a radio signaling system, the combination with an audion, having a grid-filament circuit, of a circuit including an inductance coil connecting the plate electrode of the audion with the grid electrode thereof, and a variable connection between said coil and the filament electrode of the audion independently of said grid electrode connection.

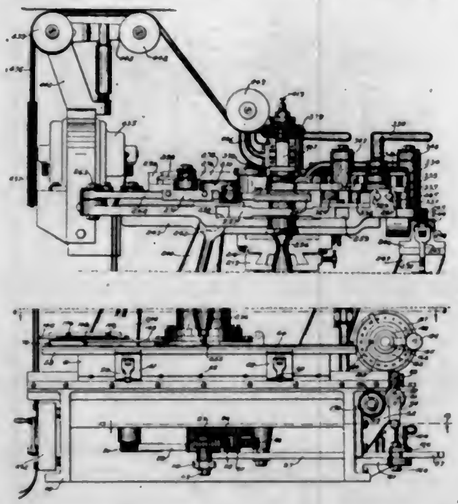
1,620,974. METHOD OF MANUFACTURING TURBINES. GEORGE KLENK, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Mar. 29, 1924. Serial No. 702,783. 5 Claims. (Cl. 22—203.)



1. The method of manufacturing a turbine blade segment, which comprises, rigidly permanently uniting a plurality of blades at one end, partially filling the spaces between the successive end united blades with noncombustible material, placing only the end united blades with the filling therebetween in a mold, and casting a permanent foundation segment upon the opposite ends of the blades.

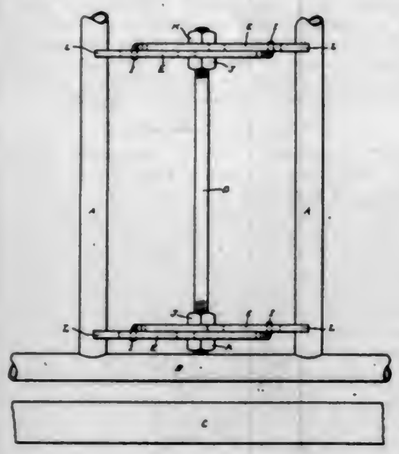
1,620,975. ENGRAVING MACHINE. EDWARD H. KUHLMAN, Dayton, Ohio, assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a Corporation of Maryland. Filed Mar. 18, 1922. Serial No. 544,838. 30 Claims. (Cl. 90—13.1.)

1. In a machine of the class described, the combination of a frame, a master plate holder and a work piece supporting member supported by said frame, a swinging member pivoted to said frame, a tracing pin member and a



cutting tool member supported by said swinging member, and manipulative means for retaining said swinging member in operative position.

1,620,976. FILLER FOR THE PANELS OF ANIMAL PENS. CHARLES O. LESHER, Fairfield, Iowa, assignor to The Louden Machinery Company, a Corporation of Iowa. Filed Aug. 2, 1926. Serial No. 126,393. 6 Claims. (Cl. 256—24.)

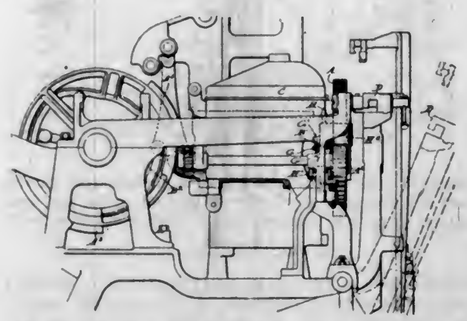


1. In fillers for the spaces between the vertical bars in the panels of animal pens, the combination of a vertically disposed centrally located member, horizontally disposed arms arranged in pairs and adjustably connected to the upper and lower ends of the centrally located member, said arms having their outstanding ends adapted to contact with the adjacent vertical bars of the panel, and means to hold said pairs of arms securely on the upper and lower ends of the central member and also in rigid contact with the adjacent vertical bars.

1,620,977. CELLULOSE COMPOSITION. WILLIAM G. LINDSAY, Newark, N. J., assignor to The Celluloid Company, a Corporation of New Jersey. Filed June 2, 1924. Serial No. 717,219. 6 Claims. (Cl. 134—79.)

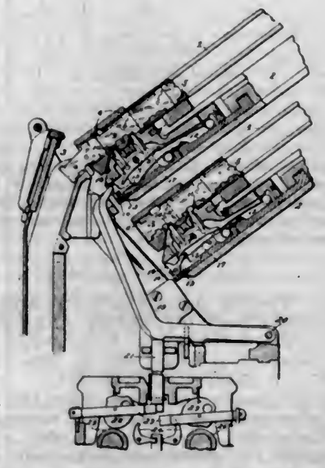
1. A composition containing $\beta\beta'$ di-chlor-ethyl ether and a cellulose derivative of the ether-ester class with which said ether has a solvent action.

1,620,978. SLUG-CASTING MACHINE. JAMES G. MCNAMARA, Brooklyn, N. Y., assignor to Mergenthaler Linotype Company, a Corporation of New York. Filed Mar. 21, 1924. Serial No. 700,807. 11 Claims. (Cl. 199—56.)



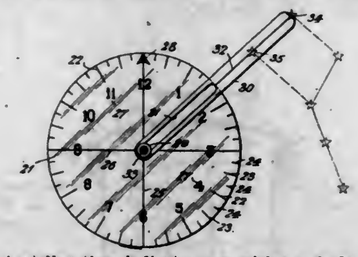
6. In a linotype machine, the combination of a mold slide provided with a laterally extending support formed with a bearing opening passing through it from front to rear, a mold disk located at the front of the support, a journal stud on the mold disk removably mounted in the bearing opening and projecting beyond the rear face of the suport, the projecting end of the stud being formed with an annular groove, a locking device movably mounted on the rear face of the support and engaging in the stud groove to confine the mold disk thereon, and means for disengaging said locking device from the stud groove to permit the removal of the mold disk.

1,620,979. TYPOGRAPHICAL COMPOSING MACHINE. JAMES G. MCNAMARA, Brooklyn, N. Y., assignor to Mergenthaler Linotype Company, a Corporation of New York. Filed Apr. 30, 1924. Serial No. 709,970. 7 Claims. (Cl. 199—18.)



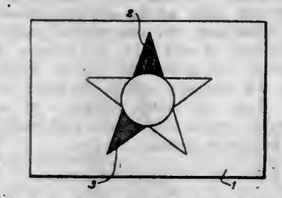
1. In a typographical composing machine, the combination of an escapement lever provided with matrix engaging pawls, a spring acting on the escapement lever to rock it in one direction, a pivoted actuating lever disconnected from but adapted to directly engage the escapement lever and rock it in the opposite direction, a spring for operating said actuating lever and of a strength greater than that of the other spring, and means for controlling the operation of the actuating lever.

1,620,980. DEVICE FOR INDICATING TIME. FREDERICK C. MEACHAM, Garden City, N. Y. Filed Apr. 27, 1926. Serial No. 104,937. 5 Claims. (Cl. 33—62.)



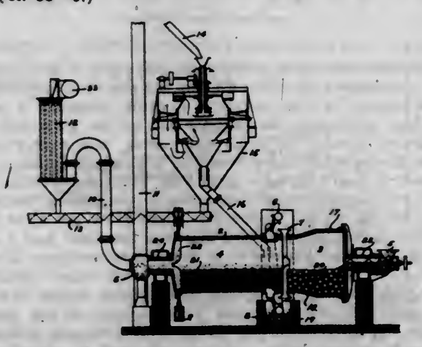
1. A stellar time indicator comprising a body provided with a plane surface having a scale thereon whose divisions represent fractions of a day and provided with means for sighting and coordinating with said scale, one of the stars being observed, means carried on said body for sighting and determining the radial direction of another of said stars with reference to the divisions of said scale, and means for indicating the required fixed position on which said scale is to be placed with reference to said stars.

1,620,981. TRANSFER SHEET. TALLY W. MORSE, New York, N. Y. Filed Dec. 11, 1925. Serial No. 74,771. 2 Claims. (Cl. 134—36.)



1. An ink for printing transfer sheets consisting of, cocoa butter, mutton tallow, paraffine, rosin and a mineral pigment proportioned to give a printing viscosity at ordinary temperature.

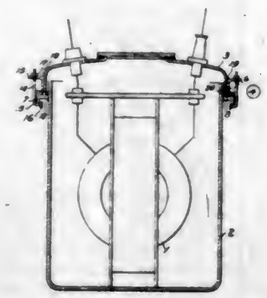
1,620,982. COMMINUTING MILL. RAY C. NEWHOUSE, Chicago, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Apr. 15, 1926. Serial No. 102,120. 9 Claims. (Cl. 83—9.)



1. In a comminuting mill, a cylindrical shell portion forming a preliminary reduction chamber, a cylindrical

shell portion of smaller diameter forming a final reduction chamber, a tapered shell portion connecting said cylindrical shell portions, and freely tumbling comminuting bodies located within each of said shell portions.

1,620,983. TRANSFORMER CASING. LOUIS C. NICHOLS, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Apr. 13, 1922. Serial No. 552,433. 5 Claims. (Cl. 220—46.)



1. A casing in which high fluid pressures are apt to develop comprising a tank, a cover therefor, a gasket between said cover and tank, and means for preventing said gasket from being blown out by high pressure within said casing including the provision on the outer periphery of said tank of an annular recess in which said gasket is disposed, the top of said gasket being below the upper edge of said tank, the portion of the cover in contact with said gasket having an inside diameter greater than the adjacent outside diameter of said tank and greater than the inside diameter of said gasket whereby pressure originating within said casing will force said gasket into said recess.

1,620,984. TRANSFER HOLDER. THOMAS EDGAR REESE, Baltimore, Md. Filed Jan. 8, 1925. Serial No. 1,291. 1 Claim. (Cl. 211—37.)



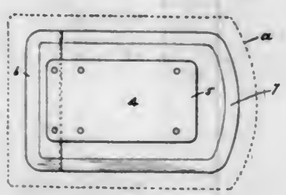
A holder of the class described comprising a body plate, an outstanding lug carried by an end portion of the plate, and having its free extremity inwardly disposed, a pair of lugs carried by the opposite end of the plate and at opposite sides of its transverse center, said second lugs also having their free extremities inwardly disposed, outstanding guard flanges carried by the side portions of the plate at the central part thereof, additional ontstanding flanges carried by the side portions of the plate adjacent to the end provided with the two lugs, and a retractile member adapted to be disposed transversely across the plate and engaged with said second named flanges, the body plate at the opposite end portions thereof and at substantially its transverse center having struck therefrom oppositely directed tongues, the free end portions of said tongues being outwardly disposed to provide an attaching medium.

1,620,985. COMBINED SOCKET AND JAR. HARVEY R. STANDLEE, Tulsa, Okla., assignor to Paul Arbon & Company, Tulsa, Okla., a Corporation. Filed Oct. 21, 1924. Serial No. 744,910. 7 Claims. (Cl. 255—26.)



1. In a socket, a body member formed with a longitudinal bore and a lateral opening being of spiral formation at its upper end and shaped to accommodate passage of a swivel therethrough at its lower end, and a jar member arranged for longitudinal movement in the bore of said body.

1,620,986. CREASING AND FOLDING MACHINE. FREDERICK THOMAS, Philadelphia, Pa. Filed June 19, 1924. Serial No. 721,094. 1 Claim. (Cl. 223—15.)

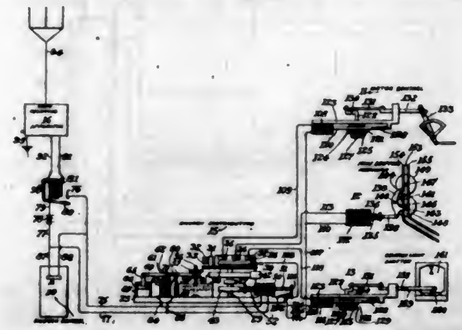


A machine of the class described having a sectional die of which the one section is marginally flanged to provide a rib, a plate for immovably holding the sections in respect to each other, and a table having a groove for co-operation with the rib.

1,620,987. SYSTEM OF CONTROL BY IMPULSES OF PREDETERMINED DIFFERENT DURATIONS. ALBERT D. TAENZER, New York, N. Y., assignor to John Hays Hammond, jr. Filed Aug. 12, 1920. Serial No. 403,167. 7 Claims. (Cl. 177—353.)

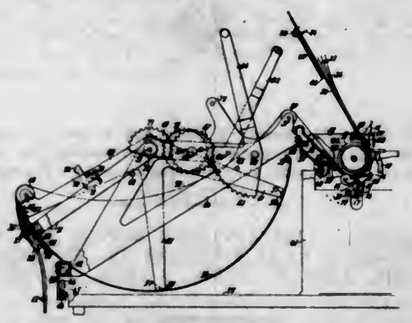
1. The combination with a main device of a subsidiary device, means responsive to impulses of energy and operative to control said main device as a result of each impulse received, and operative to control only said main device in response to a comparatively short impulse, selector means interposed between said devices to control said subsidiary device in response to an impulse of longer

predetermined duration, said selector means including a gear wheel for driving said selector means, and a clock mechanism intermittently connected to said gear wheel for



driving said gear wheel at a predetermined rate of speed, said gear wheel having its movement initiated and terminated under control of said impulse responsive means.

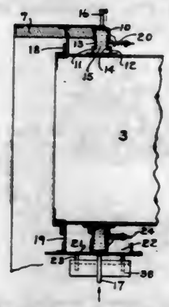
1,620,988. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 14, 1923. Serial No. 657,291. 30 Claims. (Cl. 197—126.)



1. In a typewriting machine, a revoluble platen, means for holding work-webs, composed of a succession of forms, and carbons interleaved therewith, for line-space feed with the platen, a holder to which the carbons are anchored at their rear, means for supporting the composite web in such wise as to provide a slack in the untyped part thereof when the web is in position for commencement of typing on one of its form-lengths, such slack being sufficient to permit of line-feed of the composite web in the typing of a form-section without pull on the carbon-holder, means for conditioning the web for shift of the carbons to an untyped form-section of the webs, comprising means for drawing upon the web in a crosswise direction between the carbon-holder and the platen, means for holding the web against rearward displacement on the platen while so drawing upon the web, and a carrier for the carbon-holder mounted for free movement with the web as the latter is drawn upon as aforesaid.

1,620,989. PACKING. FREDERICK T. AGTHE, Catasauqua, Pa., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed June 14, 1926. Serial No. 116,025. 8 Claims. (Cl. 263—32.)

1. In combination, a drum rotatable about an axis to transport material therethrough, means forming an annular surface rotatable with said drum and extending transversely of said axis, a member cooperating with said surface to provide an annular chamber surrounding said



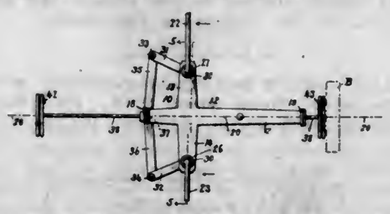
axis, and means for admitting liquid to said chamber to provide an air-tight joint between said drum and said member.

1,620,990. DENTAL APPARATUS. EDWIN S. BROTHERS, Brooklyn, N. Y. Filed June 9, 1925. Serial No. 35,855. 5 Claims. (Cl. 32—10.)



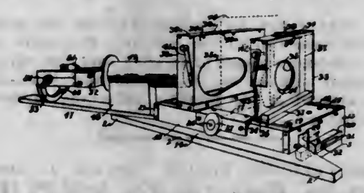
1. A dental tool comprising a suitable spindle, a yielding core surrounding the spindle and a soft rubber sleeve embracing the core.

1,620,991. TROLLEY FOR KITES. WILLIAM L. BROWN, 4th, Philadelphia, Pa. Filed May 19, 1926. Serial No. 110,130. 7 Claims. (Cl. 244—24.)



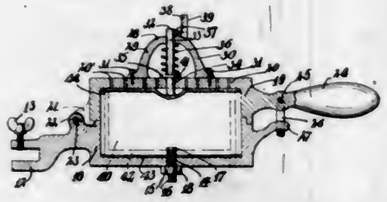
1. A trolley adapted to travel upon an inclined member between stops secured upon the latter, a wing upon the trolley adapted for moving the latter up said inclined member by wind pressure, and mechanism upon the trolley adapted for shifting the wing into and out of wind engaging position alternately upon impact with said stops.

1,620,992. STEREOSCOPIC PHOTOGRAPHY. JAMES B. BULLITT, near San Jose, Calif. Filed Jan. 16, 1926. Serial No. 81,705. 7 Claims. (Cl. 250—34.)



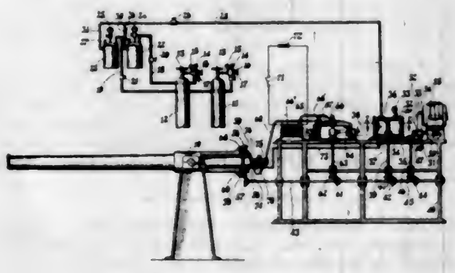
1. A device of the character described comprising a clamp for the human head, photographic plate holding means arranged in each jaw of said clamp, and an X-ray tube holder operatively positioned relative to said plate holders.

1,620,993. FREEZING PRESS. JULIUS G. BURNS and HERBERT S. DAVIS, New York, N. Y., assignors to Purecold Products of America, Inc., a Corporation of Delaware. Filed Feb. 23, 1926. Serial No. 90,091. 4 Claims. (Cl. 62—121.)



1. A refrigerating press, comprising a lower press member of hollow cylindrical construction, a jaw-shaped element depending from said lower press member, an adjustable member engaged in said jaw shaped element, a connecting element threadedly engaged in said lower press member, an upper press member hingedly connected to said lower press member, a handle depending from said upper press member, said handle being positioned directly opposite the hinge of said press members, a latch pivoted to said handle, a catch depending from said lower press member, and engageable with said latch, said upper press member being formed with a plurality of apertures, a support having downwardly extending elements attached to said upper press member, a plunger having its upper portion engaged in said support, the lower portion of said plunger extending through said upper press member, an enlarged portion on said plunger to limit the downward motion of said plunger, a superimposed spring on said plunger, normally urging said plunger downward, a pointer depending from the upper portion of said plunger, and an arm with graduations thereon attached to said support, and extending along the line of motion of said pointer.

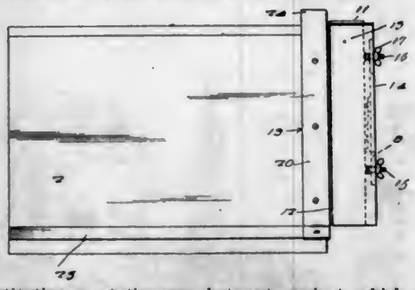
1,620,994. DEVICE FOR FIRING CANNONS. EDUARDO BUSTAMANTE, Staten Island, N. Y. Filed Jan. 22, 1926. Serial No. 83,016. 4 Claims. (Cl. 89—7.)



1. A firing device for cannons and the like comprising tanks, connected to the cannon a disc valve and a contact arm and a means of rotating said disc valve and said contact arm so as to fire the said cannon said tanks connected to low pressure tanks and to the disc valve chamber.

1,620,995. SLICING DEVICE. ARTHUR J. CARLSON, Vernon, Tex. Filed July 23, 1926. Serial No. 124,450. 3 Claims. (Cl. 146—150.)

1. In a structure of the class described, a table top, a metallic strip at one end of said top, said strip being bent upon itself at a point between its ends to provide upper and lower arms, the upper arm being attached to the upper side of the top and the lower arm to the lower side of said top, the bight portion extending beyond one longitudinal edge of said top, said strip



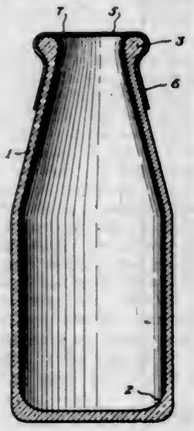
constituting a stationary abutment against which the blade of a knife is adapted to bear during the slicing operation.

1,620,996. THIMBLE. CECIL P. CAULKINS, New London, Conn. Filed Apr. 28, 1926. Serial No. 105,057. 8 Claims. (Cl. 223—51.)



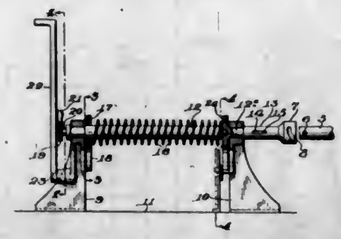
1. A thimble having a body and a pair of spaced rigid lugs having parallel lips overhanging the outer surface of the body and arranged to engage a needle.

1,620,997. SANITARY MILK BOTTLE AND CAP. CHARLES J. CHASE, Philadelphia, Pa. Filed Apr. 25, 1924. Serial No. 709,063. 1 Claim. (Cl. 215—1.)



As a new article of manufacture, a bottle being free from angular portions at all parts of its inner surface and gradually curving outwardly in uniform transverse curvature at its mouth to provide an annular bead free from angular portions, and a cap shaped to snugly fit over the mouth of the bottle and house a portion of the bottle below its mouth.

1,620,998. STARTING DEVICE FOR INTERNAL-COMBUSTION ENGINES. VIRGIL R. CLARK, Philadelphia, Pa. Filed July 16, 1926. Serial No. 122,885. 4 Claims. (Cl. 185—41.)



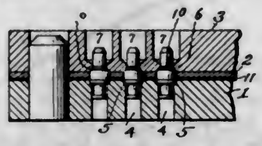
1. The combination of a rotatable shaft, a head rotatably attached by a journalled connection to said shaft and adapted to engage the shaft of an internal combustion engine, a ratchet and pawl connected to said head, a ratchet and pawl connected to said shaft, a coil spring extending between and connected to said shaft and said head, a pinion also carried by said shaft, a pawl connected to prevent relative rotation between said pinion and said shaft in one direction and an oscillatable rack pivotally supported and co-operating with said pinion to rotate said shaft and tension said spring while the pawls engage the respective ratchets.

1,620,999. VANITY BOX. CLARENCE P. COOK, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Dec. 26, 1922. Serial No. 608,878. 11 Claims. (Cl. 132—83.)



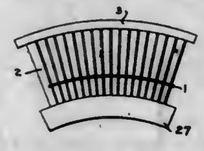
1. A box for holding toilet accessories comprising a bottom and a cover pivotally associated therewith, one of these members being provided with separated compartments lying side by side in substantially the same horizontal plane, the powder compartment being of greater dimensions than the compartment for holding the rouge, the area of the two compartments being substantially that of the member in which they are provided.

1,621,000. METHOD AND APPARATUS FOR VULCANIZING RUBBER PACKING UPON A CYLINDRICAL ARTICLE. JOHN C. CROWLEY, Cleveland, Ohio, assignor to The Dill Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 4, 1924. Serial No. 753,862. 6 Claims. (Cl. 18—59.)



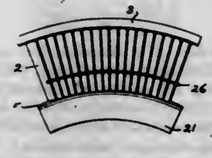
1. The method of forming a rubber packing on a cylindrical member provided with a groove which consists in placing the cylindrical member in a mold, surrounding the groove in the cylindrical member with a part forming a definite confining chamber, forcing unvulcanized rubber into the groove and confined by the said mold part, vulcanizing the rubber while in place, and after vulcanization ejecting the cylindrical member from the mold with the mold part which has confined the rubber in the groove acting as a die to shear any rubber which adheres to the part molded in the groove in the cylindrical member.

1,621,001. METHOD OF MANUFACTURING TURBINES. PAUL C. DIMBERG, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Mar. 29, 1924. Serial No. 702,782. 9 Claims. (Cl. 22—203.)



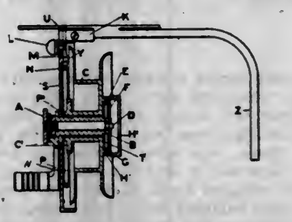
1. The method of manufacturing a turbine blade segment, which comprises, definitely positioning a plurality of blades to produce proper working passages therebetween, rigidly permanently attaching a shroud segment to the corresponding ends of said blades, and permanently attaching a foundation segment to the opposite ends of said blades by fusion of metal.

1,621,002. METHOD OF MANUFACTURING TURBINES. PAUL C. DIMBERG, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Apr. 9, 1924. Serial No. 705,182. 7 Claims. (Cl. 22—203.)



1. The method of assembling turbine blades, which comprises, providing a strip having perforations slightly larger than the cross-sectional area of the blades, assembling the blades in said strip, permanently attaching a shroud to corresponding ends of the blades, and casting a foundation segment around the root ends of the assembled blades and in the space between said perforations and said blades.

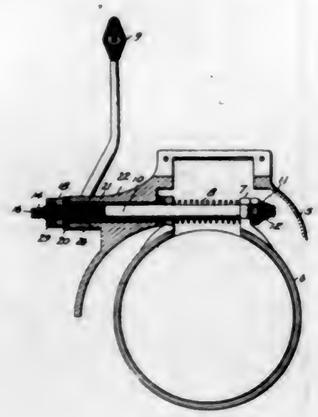
1,621,003. CASTING REEL. JAMES DODD, Brisbane, Queensland, Australia. Filed Sept. 13, 1926, Serial No. 135,153, and in Australia Sept. 7, 1925. 7 Claims. (Cl. 242—84.5.)



7. In a fishing reel, a carrier plate having a laterally-projecting sleeve; means, including a turntable connection, for attaching said plate to a fishing rod; a movable locking pin carried by said plate for releasable engagement with said turntable connection to hold it against opera-

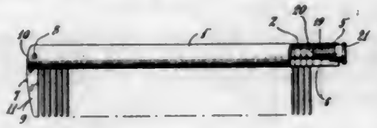
tion; a barrel rotatably mounted on said sleeve; a fixed ratchet on said barrel; a detent pivoted to the plate and normally engaged with said ratchet to hold said barrel against rotation; means for releasing said detent from such engagement; a brake drum fixed to the barrel; a winding shaft mounted within said sleeve; and a friction clutch for releasably connecting said shaft with the brake drum.

1,621,004. BRAKE-BAND-ADJUSTING DEVICE. JOHN A. DOMMER, Euclid, Ohio. Filed Aug. 4, 1925. Serial No. 48,157. 4 Claims. (Cl. 188—196.)



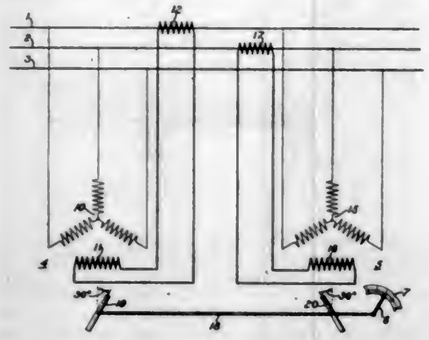
1. The combination of a transmission cover having a boss, a bushing of elongated formation extended through the boss and having the outer end thereof provided with an annular flange, a pedal having a hub rotatably mounted on the bushing between said boss and said flange, a shaft rotatably extending through said bushing and terminating beyond opposite ends of the same, and a nut threaded on said shaft and engaged with said annular flange of the bushing.

1,621,005. COMB. ANTHONY A. ELNETT, New York, N. Y. Filed Oct. 15, 1926. Serial No. 141,718. 4 Claims. (Cl. 132—16.)



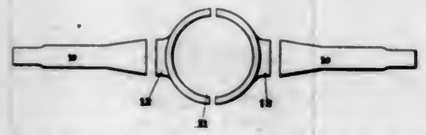
1. A comb having a frame provided with a fixed tooth forming a fixed end piece, there being in said frame a longitudinal slot having an enlarged inner longitudinal recess extending from said end piece to the other end of said frame, said other end of the frame being internally threaded, a plurality of teeth having enlarged heads, the enlarged heads of said teeth being slipped into place in said enlarged recess by entering through the internally threaded end of said frame with the teeth shanks projecting through said longitudinal slot, and a screw engaging said internally threaded end of said enlarged recess and abutting against the outermost tooth head and operable to urge said tooth heads against one another and against said end piece.

1,621,006. POWER-FACTOR METER. ROBERT D. EVANS, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 7, 1921. Serial No. 520,614. 7 Claims. (Cl. 172—245.)



1. A measuring instrument for a polyphase circuit comprising a plurality of sets of co-operating coils connected to each phase of the circuit and a plurality of mechanically connected magnetizable elements respectively influenced by said sets of coils and displaced by a predetermined angle.

1,621,007. METHOD OF MAKING AXLE HOUSINGS. HENRY FORD, Dearborn, Mich. Filed July 6, 1925. Serial No. 41,530. 2 Claims. (Cl. 29—153.)



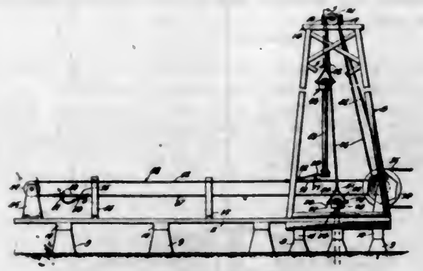
1. The method of forming an axle housing of the banjo type consisting of forming substantially hollow cylindrical end portions, forming a central portion of generally ring shape and of channel cross section and provided with opposed registering hollow tubular extensions, and then welding the end portions to such tubular extensions.

1,621,008. CLASP. ANTHONY FRICKER, Lakewood, Ohio. Filed June 4, 1923. Serial No. 643,282. 3 Claims. (Cl. 24—259.)



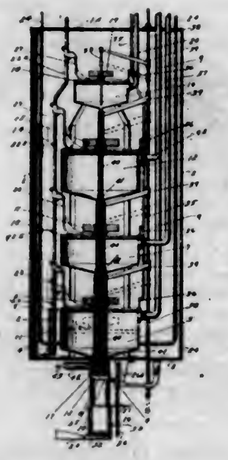
1. A clasp having two spring metal arm portions contacting at separated regions one intermediate their ends and another near the outer free end of one of said arm portions, said arm portions being so formed as to provide between said separated contacting regions and adjacent the outer one thereof and remote from the other a region where the arm portions do not contact, whereby articles passed between the outer contacting arm portions may be readily moved betwen the non-contacting arm portions to the inner contacting arm portions.

1,621,009. WELL RIGGING. WALTER D. GILES, Leesville, La. Filed Feb. 12, 1926. Serial No. 87,964. 8 Claims. (Cl. 214—1.)



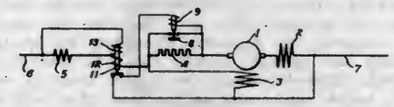
1. A well rigging of the class described including means for simultaneously raising and lowering sections of rods or tubing, and means operated by the first mentioned means for carrying away the section being lowered.

1,621,010. CONFECTION-FILLING MACHINE. CHARLES G. HALL, Portland, Oreg., assignor to Novelty Food Corporation, Boise, Idaho, a Corporation of Idaho. Filed May 20, 1924. Serial No. 714,597. 4 Claims. (Cl. 107—1.)



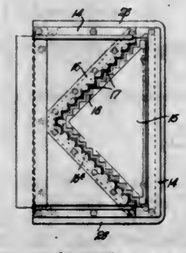
3. A confection filling machine, comprising a base, a shell closure supported on said base, a top for said shell closure, a series of hoppers disposed in storied arrangement upon said base and within said shell closure, and adapted to the retention of confection filler material, concentrical cylindrical outlets disposed from said hoppers, and adapted to deliver concentrical cylindrical confection, means disposed on said outlets to measure out a predetermined amount of confection material, means within said hoppers adapted to force the confection material into said outlets, plungers slidably maintained within said outlets and adapted to force the material therein contained a predetermined distance, and means to regulate the temperature adjacent the hoppers.

1,621,011. MOTOR-CONTROL SYSTEM. ALBERT L. HARVEY and NIELS K. ANDERSEN, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 20, 1923. Serial No. 620,290. 3 Claims. (Cl. 175—294.)



2. The combination with a motor having an armature and current-limiting means therefor, of a Wheatstone bridge comprising resistance and reactance and electro-responsive means therein for controlling said current-limiting means, said bridge being in shunt relation to the armature.

1,621,012. APPARATUS FOR CUTTING SWEETMEATS. RONALD HEAD and WILLIAM EDWARD PRESCOTT, London, England, assignors to Baker Perkins Company, Incorporated, White Plains, N. Y., a Corporation of New York. Filed Nov. 14, 1925, Serial No. 69,107, and in Great Britain Dec. 19, 1924. 8 Claims. (Cl. 146—155.)



1. A knife for candy-cutting apparatus, bent transversely to form, in horizontal section, a zigzag line and embodying two coordinate portions which are disposed substantially at right angles to each other.

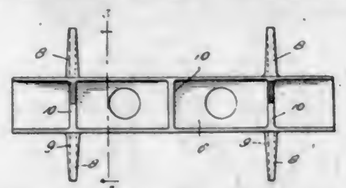
1,621,013. WATER HEATER. BENJAMIN DORIS HODGES and CHARLES EDWARD OWEN, Waco, Tex., assignors of one-fourth to Z. A. Booth and one-fourth to Homer J. Fowler. Filed Dec. 29, 1924. Serial No. 758,738. 1 Claim. (Cl. 122—16.)



In a heater of the class described a tank adapted to be placed with its lower end over a heater, and a heating chamber in the lower portion of the tank, of a false

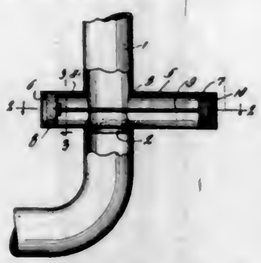
bottom within the tank and spaced from the top of the heating chamber by a dead air space, a water flue extending upwardly from the top of the heating chamber and discharging at its upper end into the upper portion of the tank, water conducting tubes extending through the false bottom and opening into the lower portion of the heating chamber, said tubes being extended through but out of communication with the dead air space, a heat conducting flue extending throughout the length of the tank and opening through the ends thereof, said flue being extended through but spaced from the water flue, a hollow superheater in the form of a baffle supported over and spaced from the upper end of the tank, a pipe connection between said super-heater and the heating chamber, said connections being located within the heat conducting flue, a water outlet pipe in communication with the upper portion of the tank and super-heater, and a water supply pipe opening into the lower portion of the tank but above the false bottom.

1,621,014. CAST-STEEL FREIGHT-CAR SPRING PLANK WITH BRAKE-BEAM SAFETY DEVICE. JAMES E. HUNTER, Monaca, Pa. Filed Dec. 16, 1925. Serial No. 75,766. 1 Claim. (Cl. 105—208.)



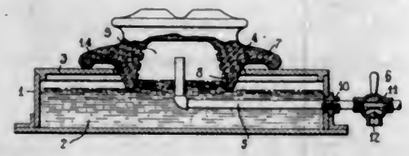
In combination with a pair of side frames including the usual bolster springs, the brake beams extending transversely of the trucks, and the suspension means therefor; of a channeled plank extending transversely across the side frames and fitting snugly in the openings formed in the side frames for supporting all of the springs arranged in the openings below the bolster, a straight arm extending laterally from each of the upstanding sides of the channeled plank adjacent each end thereof, said arms being normally disposed below the brake beams in spaced relation thereto, the arms acting as a temporary support for the brake beams when the suspension means therefor becomes accidently broken, reinforcing ribs extending between the sides of the channeled plank, additional reinforcing ribs extending across the bottom of the plank and said laterally extending arms, said arms and said ribs being formed integral with the plank.

1,621,015. DRAIN STRAINER. ANGEL IZQUIERDO, New Orleans, La. Filed Jan. 25, 1924. Serial No. 688,582. 1 Claim. (Cl. 210—167.)



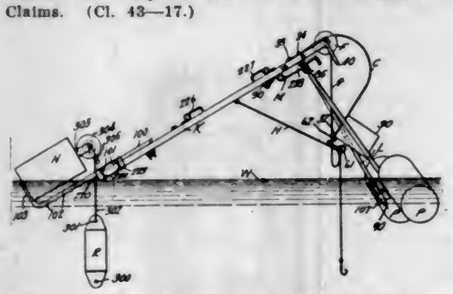
In combination, a drain pipe, a strainer in said drain pipe, said drain pipe provided with diametrically opposed openings immediately above the strainer, pipe sections communicating with said openings, one of said sections having a closed end and the other provided with a threaded open end, and a brush element including a brush proper, a rod extending therefrom and a threaded cap on the rod, said brush adapted to be normally disposed within the pipe section having the closed end while the threaded cap normally engages the threaded opening of the other section.

1,621,016. METHOD OF AND MEANS FOR COATING INNER SURFACES OF HOLLOW BODIES. RAY P. JACKSON, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 4, 1923. Serial No. 643,143. 7 Claims. (Cl. 91—68.)



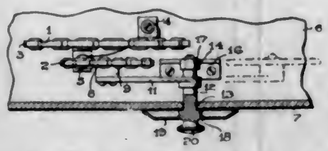
7. The method of coating the interior surface only of a member of substantially cup-shape having imperforate walls, comprising placing the mouth of the cup in inverted position over a body of coating liquid so that the liquid seals said mouth and in withdrawing air from the cup.

1,621,017. FISH TRAP. PETER M. JOYAL, Methuen, Mass. Filed May 15, 1926. Serial No. 109,339. 9 Claims. (Cl. 43—17.)



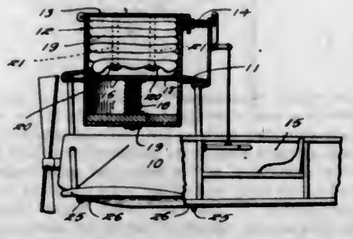
9. In a trap for ice fishing, the combination of a body having an open fork in which is pivoted a manually operable reel; with an elastic signal having a loop adapted to extend beyond the reel; and a trigger having at its free end a line loop and a signal hook so hung under the body as to be adapted to engage the signal loop when the elastic signal is bent around and in contact with the reel, and to hold it in contact therewith.

1,621,018. CONTROL FOR PANCAKE-TYPE VARIOMETERS. VERNON D. LANDON, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 15, 1923. Serial No. 668,548. 3 Claims. (Cl. 171—119.)



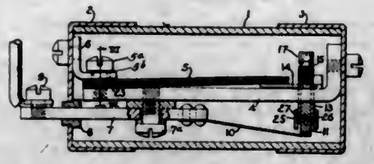
1. In a device of the class described, a flat coil, stationary means for mounting said coil, a shaft rotatably mounted at right angles to the plane of said coil, an arm carried by said shaft and a second flat coil at the end of said arm parallel to the first named coil, whereby rotation of the shaft will move the movable coil in a plane parallel to the stationary coil and thereby alter the mutual inductance of said coils, said stationary coil being beyond the end of said shaft whereby said stationary mounting means may be located to provide any desired change of degree of overlapping of said coils in half a revolution of said shaft.

1,621,019. AEROPLANE. CLARENCE E. LYKINS, Shawnee, Okla., assignor of one-half to H. D. Hewlett, Shawnee, Okla. Filed Oct. 19, 1926. Serial No. 142,702. 3 Claims. (Cl. 244—21.)



1. In combination with an aeroplane embodying a wing structure and a fuselage having the usual cock pit, a casing carried by the wing structure centrally thereof, a parachute within the casing, means normally urging the parachute from the casing, a latched lid for the casing, means within the cockpit for releasing the latch of said lid, bars rigidly secured to the fuselage and extending transversely thereof, the ends of said bars having upturned portions provided with eyes, the casing having slots in the side wall thereof and guy wires connected at their outer ends to the eyes of said supports and at their inner ends to members slidable in said slots and connected with said parachute.

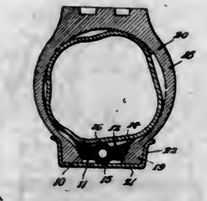
1,621,020. THERMAL RELAY. HOWARD D. MATTHEWS, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 16, 1924. Serial No. 686,691. 9 Claims. (Cl. 200—113.)



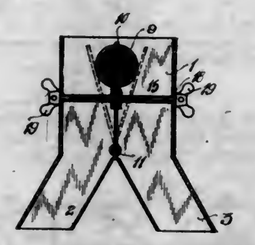
1. A thermal relay for electrical apparatus comprising a bimetallic member, one end of which is freely movable through a definite path, a relatively movable contact member supported by the bimetallic member, a resiliently mounted contact member which remains in engagement with the first contact member during a certain part of its movement, and means whereby engagement of the two contact members is positively precluded when the first contact member is actuated with a snap action.

1,621,021. TIRE FLAP. FRED V. MEDYNSKI, Medford, Oreg. Filed Aug. 11, 1926. Serial No. 128,685. 5 Claims. (Cl. 152—20.)

5. A tire flap including an annular band having side portions provided with concave side edges, flat inner faces and concave outer faces, the said side portions having upwardly and laterally divergent wings and being joined by an intermediate laterally extensible tubular spreader having an inner convex portion extending below the flat inner faces of the side portions and an outer convex portion extending above the outer concave faces of the side portions.

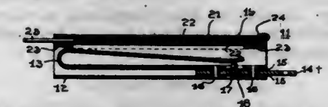


1,621,022. FEED REGULATOR. GLEN G. MERCHEN, Spokane, Wash. Filed Feb. 25, 1926. Serial No. 90,542. 6 Claims. (Cl. 83—44.)



1. The combination with a feed hopper and a pivoted gate therein, of a floating nut loosely carried by the gate, a screw bar journaled in the hopper and passed through said nut, and means for turning the bar.

1,621,023. THERMOSTAT. GEORGE T. NEWELL, Jr., Beverly, N. J., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 12, 1923. Serial No. 674,137. 4 Claims. (Cl. 236—68.)

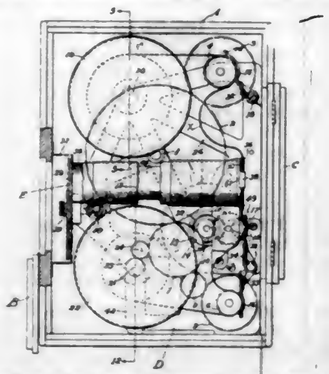


2. A temperature-controlling structure comprising a thermostatic electric switch, a metal casing therefor, and means on said casing for causing the temperature of the thermostatic switch to be substantially the same as the temperature outside of the casing during its operative period, said means being parallel to said switch.

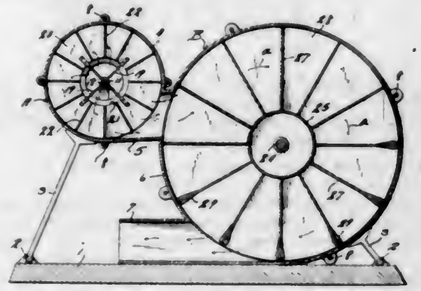
1,621,024. MOVING-PICTURE CAMERA AND PROJECTOR. FRANK E. OILER, Detroit, Mich. Filed Mar. 27, 1924. Serial No. 702,285. 15 Claims. (Cl. 88—17.)

1. In a combined moving picture camera and projector of the character indicated, the combination of a casing, a pair of reels in spaced relation, means to support the reels within said casing for the unwinding of the film from one reel and taking up the same on the other, a rotating shutter and a lens tube within said casing, the tube being mounted intermediate the said reels, means for actuating the film from one said reel to the other, means including a pair of apertured plates for guiding the said film across the end of said tube remote from said shutter, means for actuating the shutter for movement across the other end of the tube and doors in the wall of said casing adjacent

the ends of said tube, whereby the shutter door may be open and the opposite door closed when taking pictures upon the film, and the film door may be opened for presenting artificial light in the vicinity of the film when it is desired to project pictures upon a screen beyond the shutter end of the tube.

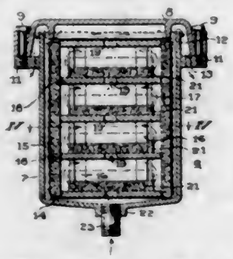


1,621,025. TRAIN-AIR-BLOWING MACHINE. JOSHUA MILLER POTTER, Binghamton, N. Y. Filed July 1, 1925. Serial No. 40,777. 7 Claims. (Cl. 230—11.)



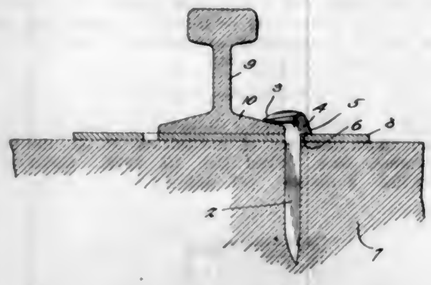
1. An air blowing machine comprising a fan and a smaller fan directing an air blast upon the first named fan for operating the same.

1,621,026. SEPARATING DEVICE FOR CIRCUIT INTERRUPTERS. THOMAS STENSEN PUKERUD, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 24, 1923. Serial No. 641,073. 3 Claims. (Cl. 183—44.)



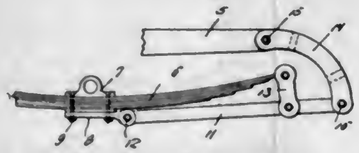
1. In a separating structure, a casing, a lining therefor comprising an absorbent material, an inner casing provided with a perforated surface, perforated baffle members mounted in said casing, and cushions of absorbent material associated with said baffle members.

1,621,027. RAIL SPIKE. JAMES W. REYNOLDS and CARL LEON BALL, Chester, Nebr. Filed Sept. 1, 1925. Serial No. 53,846. 1 Claim. (Cl. 85—28.)



A spike which is a product of a standard automatic single-operation spike-making machine, the spike comprising a body provided with a head of approximately oval outline and thinned toward its periphery to afford a claw-bar hold on either side of the body, the spike including a heel joined to the body and of the same width as the body, the under surface of the heel being plane throughout its entire length, the length of the under surface of the heel, measured from the body outwardly to the extremity of said surface, being appreciably less than the distance between said surface and the place where the outer surface of the heel joins the head, measured in a direction parallel to the length of the body, the outer surface of the heel having a continuous slope from the upper surface of the head to the extreme outer end of the under surface of the heel.

1,621,028. SPRING SHACKLE STRUCTURE. WILLIAM ALBERT JULIUS RIECK, Tyler, Tex. Filed July 9, 1925. Serial No. 42,468. 1 Claim. (Cl. 267—19.)

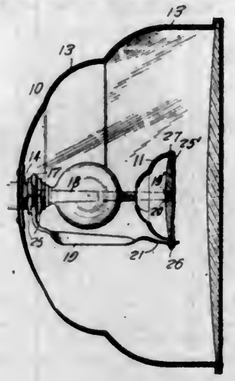


An attachment for an automobile; wherein the automobile includes among other elements a frame and a semi-elliptical spring associated with the frame; comprising a bracket attached to the under surface of the intermediate portion of the spring and extending toward one end thereof, a bar pivoted to the bracket and normally extending in substantial alinement therewith, a shackle pivoted at one end to the frame and extending downwardly thereto and pivoted at its other end to the bar, and a second shackle pivoted to the end of the spring and extending downwardly and pivoted to an intermediate portion of the bar.

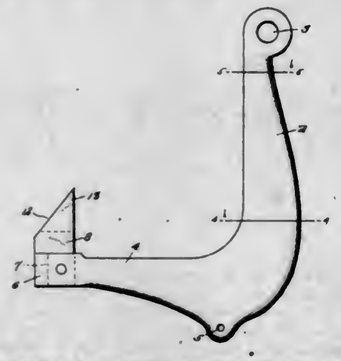
1,621,029. LIGHT-REFLECTING MEANS. CARL B. ROZEKEN, Washington, D. C. Filed Dec. 1, 1925. Serial No. 72,502. 2 Claims. (Cl. 240—41.)

1. A lighting structure including an outer reflector, a socket arranged centrally within the outer reflector, a light source in said socket, an inner reflector arranged within the outer reflector and in advance of the light source, said inner reflector being formed with an opening to permit the passage of light rays through the inner reflector, a lens carried by the inner reflector, and means for supporting the inner reflector from said socket and

movable longitudinally of said socket to permit the adjustment of the inner reflector to and from the light source, said means including a pivotal support for the inner reflector to permit a tilting thereof on an axis fixed in the plane of the lens and an element for fixing the inner reflector in tilting adjustment.



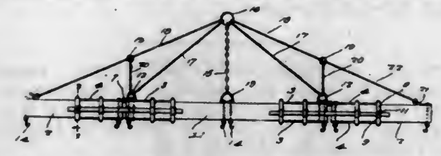
1,621,030. LOG-LOADING HOOK. WILBUR SALISBURY, Craigmont, Idaho. Filed Mar. 17, 1926. Serial No. 95,327. 1 Claim. (Cl. 284—78.)



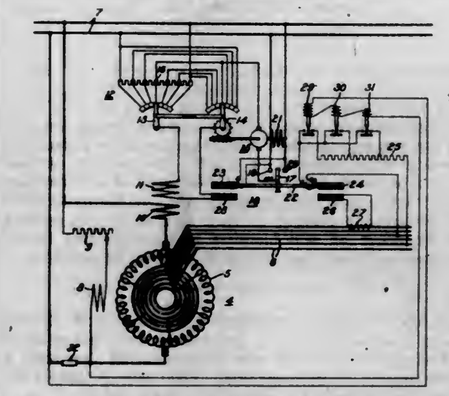
A log loading hook of the class described comprising a shank portion having an eye formed at one end thereof, a right angularly disposed foot formed at the opposite end thereof, the outer free end of said foot being enlarged and provided with a vertical opening, the bore of which is substantially rectangular, a tooth, a substantially rectangular tongue depending from the bottom face of the tooth and adapted to be disposed within said rectangular opening, whereby the bottom face of the tooth will rest on the upper face of the enlarged portion of the foot, a pin extending transversely through the enlarged outer end portion of the foot and through said tongue for detachably securing the tooth in said opening, the outer face of the tooth being beveled, said tooth being bifurcated to provide a pair of prongs, the inner opposed faces thereof being beveled to provide sharpened upper points.

1,621,031. DRAWBAR FOR DRAGS. DIEDRICK SCHMIDT, Alta, Iowa. Filed June 22, 1926. Serial No. 117,777. 1 Claim. (Cl. 55—84.)

In a draw bar, a central section, a pair of end sections hingedly connected to the ends of the central section, means for holding the sections in horizontal alinement, and a draft appliance and equalizing device embodying a central ring, inner and outer pairs of rods connected at their inner ends to said ring, the rods of each pair diverging from each other in a direction toward the ends of said central section, the rods of the inner pair being connected at their outer ends to the corresponding ends of said central section, small rings carried by the outer ends of the outer rods, link connections between the small rings and the ends of the central section, adjustable brackets connected to the outer ends of the end-sections, and connections between the small rings and said brackets.

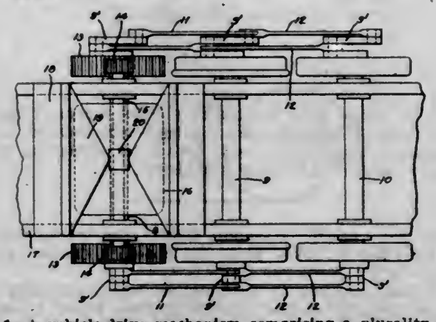


1,621,032. COMMUTATION OF SYNCHRONOUS CONVERTERS. ERROL B. SHAND, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 11, 1922. Serial No. 551,538. 38 Claims. (Cl. 171—123.)



6. The method of improving the commutation of a rotary converter which consists in providing a component of commutating field ampere-turns and varying said component in a predetermined manner to compensate for variations in the angular displacement of the rotating field of the armature member relative to the field member.

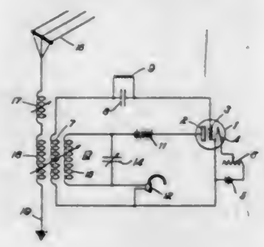
1,621,033. DRIVE MECHANISM. EARL A. SLATER, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 20, 1923. Serial No. 681,787. 5 Claims. (Cl. 105—122.)



1. A vehicle-drive mechanism comprising a plurality of wheeled axles journalled to rotate with their axes in substantially parallel relation, and a plurality of rods, said

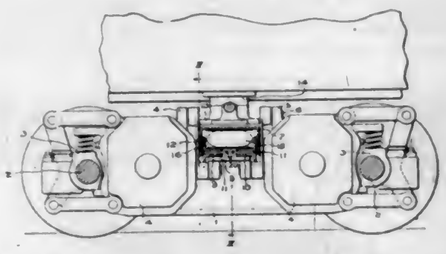
axles being adapted to be cooperatively associated by means of said rods respectively connecting the corresponding ends of said axles and a jack shaft operatively connected to one of said axles, said axles and jack shaft being in balanced relation.

1,621,034. WIRELESS RECEIVING SYSTEM. JOSEPH SLEPIAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 13, 1922. Serial No. 528,969. 2 Claims. (Cl. 250—27.)



1. The method of operating an intermittently oscillating regenerative-feed-back circuit for amplifying electrical currents which consists in causing electrostatic charges to be alternately built up and dissipated in a controlling circuit at a super-audiofrequency whereby the oscillations are periodically blocked at such frequency, and causing the frequency of said blocking to be modulated in accordance with said currents which are to be amplified.

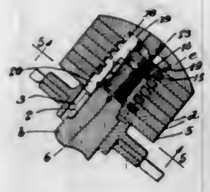
1,621,035. VEHICLE STRUCTURE. NORMAN W. STORER and THOMAS S. SCOTT, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed May 4, 1925. Serial No. 27,695. 8 Claims. (Cl. 105—190.)



1. A vehicle truck comprising a frame journaled upon a plurality of wheeled axles, a swing bolster therefor, and pneumatic means within said bolster for supporting the load to which said bolster is subjected.

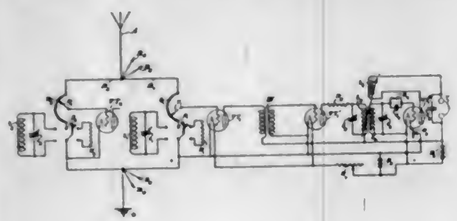
1,621,036. LOCK. MASUICHI SUZUKI, Los Angeles, Calif. Filed May 11, 1925. Serial No. 29,448. 4 Claims. (Cl. 70—53.)

1. Improvements in permutation locks, including a screw-threaded member, a split bushing keyed to said screw-threaded member, a key within the split portion of said bushing and in screw-threaded engagement with the screw-threaded member, tumblers surrounding the key and bushing, said tumblers being annular in formation and provided with annular flanges, said key being provided with spaced notches, and said annular flanges of said tumblers being adapted to be received in said



spaced notches when the key is in a given position, one of said tumbers being fixed against rotation, a cap member secured to the said screw-threaded member and the other of said tumbers being interposed between said fixed tumbler and the said cap.

1,621,037. RECEIVING SYSTEM FOR HIGH-FREQUENCY ELECTRICAL OSCILLATIONS. ALBERT H. TAYLOR and LEO C. YOUNG, Washington, D. C. Filed Jan. 19, 1924. Serial No. 687,255. 2 Claims. (Cl. 250—9.)



1. In a system for receiving high frequency oscillations the combination of a collector for said oscillations, a plurality of branch circuits connected in series with said collector and in parallel with each other, each branch circuit containing a high resistance and a parallel tunable circuit in series with said resistance, and a receiver connected to each of said branch circuits in a position in shunt with said parallel tunable circuits and any selected portion of said high resistances.

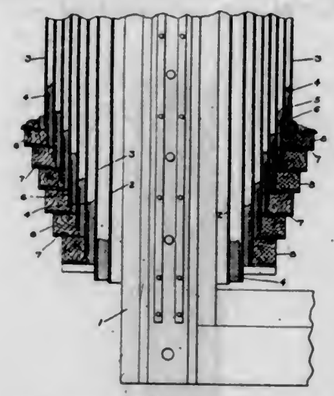
1,621,038. PROCESS OF RECOVERING VANADIUM. KARL B. THEWS, Sawpit, Colo., assignor to Colorado Vanadium Corporation, New York, N. Y., a Corporation of Colorado. Filed Oct. 29, 1920. Serial No. 420,480. Renewed Aug. 9, 1926. 1 Claim. (Cl. 23—22.)

In a process of recovering vanadium, adding an oxidizing agent to a solution of soluble vanadates contaminated with iron and aluminum compounds, and adding a calcium reagent and keeping the solution non-alkaline to precipitate calcium vanadate.

1,621,039. ANGLE RING FOR TRANSFORMERS. ARTHUR W. THOMPSON, East McKeesport, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 14, 1921. Serial No. 437,131. 4 Claims. (Cl. 175—356.)

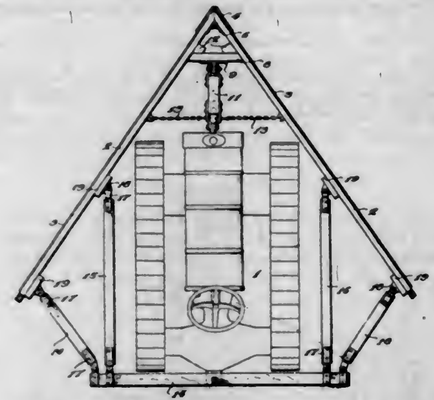
1. A spacing member for transformer coils comprising a plurality of superposed layers of insulating material, the extremities of certain of said layers extending beyond the

extremities of the adjacent layers and having slits therein whereby said member is adapted to be bent into substantially annular form with the elements formed by the slits



in the extremities of said layers arranged in staggered relation whereby the joints between elements in one layer are covered by the elements of an adjacent layer.

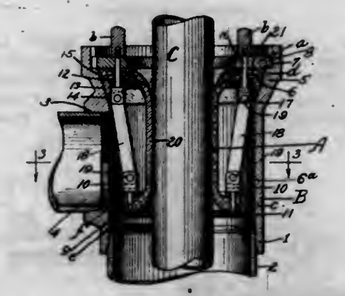
1,621,040. SNOWPLOW. FRANK E. THOMPSON, Pierson Station, Ill. Filed Nov. 16, 1925. Serial No. 69,454. 1 Claim. (Cl. 37—44.)



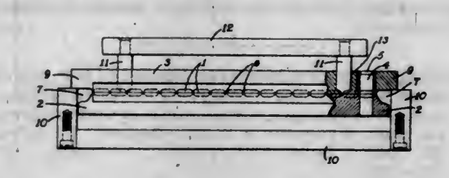
The combination with a tractor, of clearer blades at the sides thereof and forwardly attached to the cross bar and having a vertical rib in which a vertical series of openings is formed, a push bar adjustably connecting the front end of the tractor with the rib of said clevis, flexible elements adjustably connecting the rear end of the push bar with the clearer blades, a cross bar connected to the rear end of the tractor, longitudinal stay bars at the sides of the tractor connecting the outer ends of the rear cross bar with intermediate portions of the said blades, and forwardly diverged stay bars connecting the ends of the rear cross bar with the rear ends of the said blades.

1,621,041. BLOW-OUT PREVENTER. WILLIAM A. TROUT, Los Angeles, Calif. Filed Oct. 15, 1923. Serial No. 668,697. 6 Claims. (Cl. 285—22.)

1. A blow-out preventer, including a circulating head for well casing provided with a circulation system outlet and adapted to receive tubular drill-operating means; and flexible packing means disposed within said circulating head and extending in part vertically therein and adapted to contact with and surround such drill-operating means when subjected to fluid pressure exerted within such circulating head to direct such fluid under pressure to said outlet; means being provided for supporting said packing means at upper and lower portions thereof.

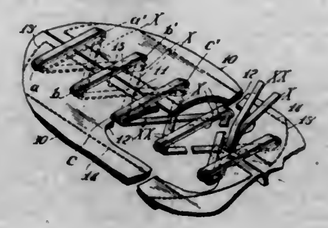


1,621,042. METHOD OF MOLDING STRAIN INSULATORS. FRANK H. TUPPER, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 29, 1924. Serial No. 702,726. 8 Claims. (Cl. 18—56.)



1. The process of forming a plurality of articles in one operation which comprises compressing felted sheet material impregnated with a binder capable of being cured under heat and pressure in a mold, segregating said articles in said molding operation and applying heat and pressure to harden said binder.

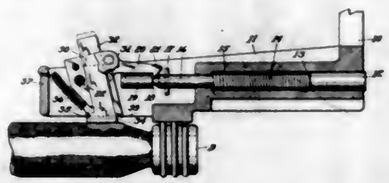
1,621,043. INFLATABLE BALL. ARCHIBALD J. TURNER, Chicago, Ill., assignor to Wilson-Western Sporting Goods Company, Chicago, Ill., a Corporation of Delaware. Filed May 29, 1926. Serial No. 112,427. 4 Claims. (Cl. 273—65.)



1. In an inflatable ball, a cover provided with a slit constituting a bladder insertion opening, a row of spaced apertures in each of the margins of said slit, each of said apertures being paired with and located directly opposite an aperture of the other row, and a lace passing through said apertures and comprising a plurality of portions, each consisting of two flat plies superposed, ex-

tending across said slit exteriorly of the cover, and a plurality of one-ply crossing portions on the interior of the cover maintaining the parallelism of the exterior two-ply portions aforesaid.

1,621,044. COMBINED LATCH AND WEFT DETECTOR FOR LOOM TRANSFERRERS. KENNETH J. UNWIN, Shrewsbury, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed July 21, 1926. Serial No. 124,044. 8 Claims. (Cl. 139—271.)



1. In a weft detector for a loom having a transferrer arm receiving a regular movement at periodic intervals toward a weft surface to be detected, a controller on the transferrer arm, a latch normally holding the controller in inoperative position, and a weft detector mounted on the latch and having an operative movement each time the transferrer arm moves toward the surface to be detected and tending to move the latch to a position to release the controller.

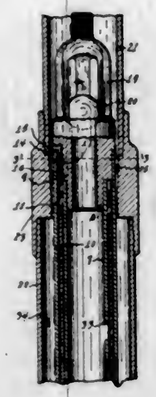
1,621,045. MULTIPLE-WEAVE MOTION FOR LOOM DOBBIES. WALTER H. WAKEFIELD, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed June 21, 1926. Serial No. 117,291. 7 Claims. (Cl. 139—323.)



1. In a multiple weave motion for pattern mechanism, a main pattern chain, a main set of levers therefor, a second pattern chain, a second set of levers therefor, flexible connections between certain of the first named levers and certain of the second named levers, and means to tighten or slacken said connections to render the second levers effective or ineffective, depending upon whether the connections are tight or slack, to control the first named levers.

1,621,046. DEEP-WELL PUMP. IRWIN B. WINSOR, Los Angeles, Calif., assignor to Singer Pump Company, a Corporation of Delaware. Filed July 24, 1924. Serial No. 728,044. 5 Claims. (Cl. 103—179.)

1. In a pump, a single-walled member and a double-walled member relatively reciprocal and providing an internal central fluid space and an elongated annular space externally coaxial to said fluid space and separated therefrom, a check valve for said single-walled member, a check valve in said double-walled member at one end of said central fluid space, said double-walled member having discharge passages leading from said central fluid space and said annular space, one of said discharge passages extending through the end of said double-walled member and the other extending laterally through the side of said double-walled member to the exterior thereof.



1,621,047. CASEMENT HINGE. FREDERICK W. YOUNG, Safety Harbor, Fla. Filed Sept. 21, 1925. Serial No. 57,623. 2 Claims. (Cl. 16—143.)



1. In a structure of the class described, a window frame, a casement, hinges for mounting the casement in the window, each hinge including a pair of leaves, one leaf having a pintle provided with a lug intermediate its ends, the other leaf provided with a split sleeve for receiving the pintle and the lug, said split sleeve being of less length than the pintle and of greater length than the distance between the lug and the bottom of the pintle.

1,621,048. PENCIL. FRANK B. ACKERMANN, WILLIAM C. STEFFAN, and WALTER J. GREINER, Chicago, Ill. Filed Sept. 7, 1923. Serial No. 661,491. 4 Claims. (Cl. 120—18.)



2. In combination a sleeve threaded internally at its lower end, a feeding sleeve including a coupling member at its lower end and threaded externally at its upper end portion for threaded engagement with the internal threads of the sleeve and including a reduced thread bearing end portion, means operable by the feeding sleeve for feeding a length of pencil lead through the feeding sleeve, and a tip having an internally threaded portion adapted for threaded engagement with the reduced end portion of the coupling member.

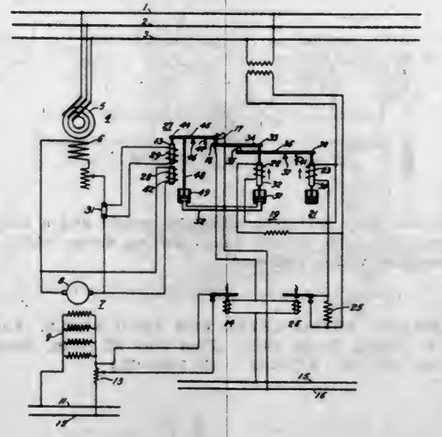
1,621,049. PROCESS OF MAKING PAPER BAGS. DANIEL APPEL, Cleveland, Ohio, assignor to The Cleveland-Akron Bag Company, Cleveland, Ohio, a Corporation. Filed Sept. 18, 1924. Serial No. 738,536. 10 Claims. (Cl. 93—35.)



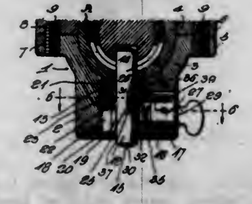
2. A process of making paper bags, comprising the steps of drawing a plicated tube having partly severed portions through a stationary intercepting and folding device and forming triangular folds in the partly-severed plicated portions of the tube by sliding engagement of the tube with said device.

1,621,050. REGULATOR SYSTEM. JOHN H. ASHBAUGH, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 28, 1925. Serial No. 33,339. 9 Claims. (Cl. 171—229.)

1. An electric regulator comprising a pair of cooperating contact members, two levers for actuating one of said members, one of which levers is fulcrumed upon the other, actuating electromagnets for said levers, a third lever for actuating the other of said contact members, an electromagnet for actuating the last-named lever, and a yielding connection between certain of said electromagnets.



1,621,051. STEERING-WHEEL LOCK. HANA F. AYOUB, El Paso, Tex. Filed Jan. 11, 1926. Serial No. 80,595. 3 Claims. (Cl. 70—129.)

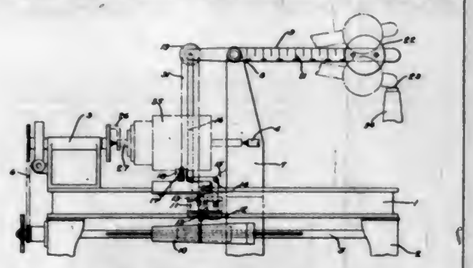


1. In a lock, a lock body having a shackle portion and a casing portion, the latter being provided with a bolt-passage and a chamber arranged at right angles to each other and separated by a wall having a slot affording communication between said passage and chamber, a spring-retracted, manually-projectible bolt movable in said passage and having a flattened side bearing on said wall and provided with a notch exposed at said slot to said chamber, a cylinder mounted in the chamber, a spring-pressed latch carried by said cylinder and movable through said slot to engage said notch when the bolt and latch are in coactive relationship for a bolt locking action, and key-controlled means carried by the cylinder for shifting the latch into and out of bolt engaging position.

1,621,052. BANDING MACHINE. VIRGIL D. BARKER, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 14, 1923. Serial No. 645,473. 6 Claims. (Cl. 242—8.)

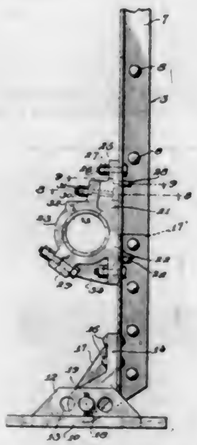
1. A wire-banding device, comprising means for rotatably mounting a body to be banded, wire supply means

associated therewith, guide means for said wire including a feed cone, and tension adjusting means comprising a



fulcrum lever having an adjustable weight and a linked connection with a wire guide shifting device which is associated with a feed cone.

1,621,053. SWING LEVER FOR SAND REELS. CARL H. BESSE, Tulsa, Okla. Filed May 27, 1926. Serial No. 112,110. 8 Claims. (Cl. 308—61.)



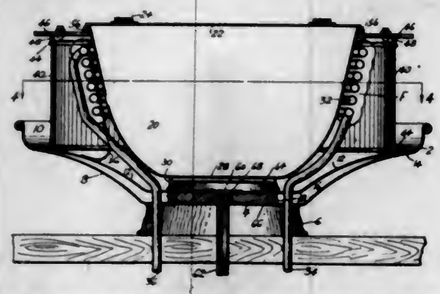
3. A swing lever comprising a metal body having a plurality of relatively spaced series of openings formed longitudinally of the same, means for pivotally supporting one end of such lever, a bearing box, pins fixedly carried by said bearing box and extended therefrom engageable in certain of said openings, and fastening means passed through portions of said bearing box engageable in others of said openings.

1,621,054. TRANSPORT TABLE FOR ROLLED SHEET GLASS. MAX BICHEROUX, Herzogenrath, near Aix-la-Chapelle, Germany. Filed July 1, 1925, Serial No. 40,931, and in Germany July 10, 1924. 1 Claim. Cl. 49—14.)



A metallic transport table for receiving plate glass from a forming machine, having on its upper surface a series of sharp glass contracting and supporting projections separated from each other.

1,621,055. PUNCH BOWL. BERYL V. BOOTH, Akron, Ohio. Filed July 13, 1923. Serial No. 651,207. 15 Claims. (Cl. 62—95.)



15. A liquid chilling device having a receptacle for the storage of liquid, an enclosure surrounding the receptacle but spaced therefrom to provide a cooling compartment, and coils located within the compartment, said coils being adapted for the circulation of a refrigerant, there being provided means to maintain a humid gas in the interior of the compartment whereby a frost bank will be formed upon the exterior of the coils.

1,621,056. THERMAL RELAY. WILLIAM M. BRADSHAW, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 5, 1923. Serial No. 672,831. 6 Claims. (Cl. 200—113.)

1. A thermal relay for electrical apparatus comprising a bimetallic member freely movable through a definite path, a relatively movable contact member, and magnetic means co-operating with the contact member to cause the bimetallic member to actuate the contact member with a snap action when it reaches substantially either end of its path of free movement, corresponding to a predetermined temperature of the bimetallic member.

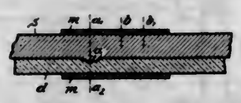
1,621,057. GOLF GAME. HAROLD D. BREWER, Oklahoma City, Okla. Filed Sept. 28, 1926. Serial No. 137,352. 1 Claim. (Cl. 273—87.)



A game of the class described, including a game board ruled to simulate a golf course, a game piece including a supporting rod having a base and having its upper end

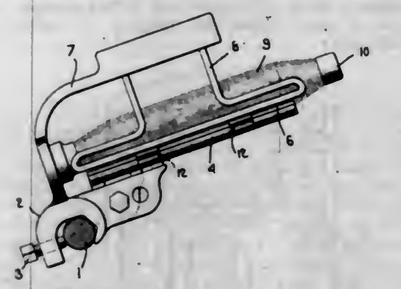
extended downwardly, a tubular flexible member adapted to be positioned over the downwardly extended end of the supporting rod, a club having a head, said club adapted to be extended into the tubular member to connect the supporting rod and club, and a puck adapted to be hit by the club and moved over the game board.

1,621,058. ELECTRIC CONDENSER. OSWALD BURGER, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, New York, N. Y., a Corporation. Filed Feb. 10, 1925, Serial No. 8,276, and in Germany Feb. 12, 1924. 4 Claims. (Cl. 175—41.)



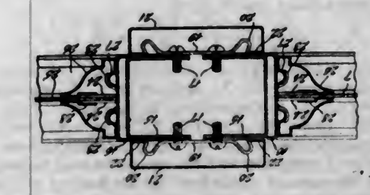
1. In an electric condenser, the combination of a dielectric layer, conducting layers at both sides of said dielectric layer and a layer of semi-conducting protective material between said dielectric and one of said conducting layers, said layer of protective material being of considerably greater thickness than said dielectric layer.

1,621,059. SPOOLER BOBBIN HOLDER. HARRY H. BURTON, New Bedford, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Sept. 3, 1926. Serial No. 133,488. 4 Claims. (Cl. 242—132.)



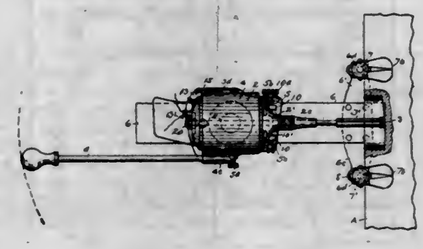
1. A bobbin-holder for spooler frames comprising a support presenting a plurality of concave yielding rests extending transversely of and longitudinally spaced along the support to hold the bobbin during the spooling operation.

1,621,060. METAL PARTITION. ROBERT F. CARPENTER and THOMAS F. ANDERSON, Cleveland, Ohio, assignors to The Sanymetal Products Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 1, 1921. Serial No. 488,931. 12 Claims. (Cl. 189—34.)



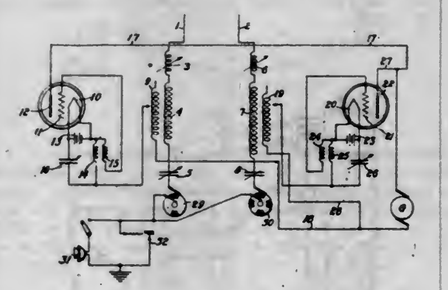
1. In a structure of the class described, a sectional post, means for securing the sections of said post directly to a wall or the like and having a portion located outside of said post sections, and complementary mouldings detachably secured opposite each other along one side of said post and forming a groove for a partition panel, said mouldings being so constructed and arranged as to cover the portion of said securing means which is located outside of said post sections.

1,621,061. DOOR-MORTISING MACHINE. RAY L. CARTER, Phoenix, N. Y. Filed Dec. 2, 1925. Serial No. 72,722. 9 Claims. (Cl. 144—70.)



1. In a mortising machine, a motor, a holder for the motor, a tool driven by the motor, a handle for oscillating the motor and tool, a roller carried by the holder, and a sleeve having a cam portion in constant engagement with the roller, said cam portion being arranged to effect variable forward movements of the tool during each oscillation of the motor.

1,621,062. RADIO SYSTEM. LEWIS WARRINGTON CHUBB, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 17, 1920. Serial No. 389,580. 11 Claims. (Cl. 250—10.)

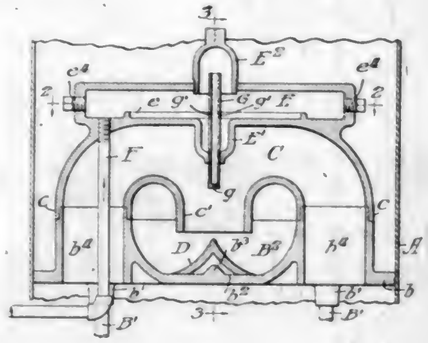


1. In a system for wireless communication, the combination of means for propagating a plurality of wave trains of different radio-frequency and different train frequency, with means for receiving the wave trains, means for causing the wave trains to interact to produce a beat of audible frequency, and means for receiving the beat.

1,621,063. OIL BURNER. ADELBERT R. CLIZBE, Plymouth, Ind. Filed June 16, 1924. Serial No. 720,152. 10 Claims. (Cl. 158—64.)

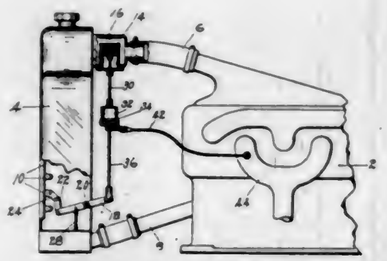
10. An oil burner of the character described comprising a combustion chamber formed as a casting and with in-

let passages at its sides, a mixing chamber resting thereon and located above the combustion chamber, said mixing chamber having outlets extending into the combustion chamber for delivering vapor thereto and having inlet portions coinciding with and fitting reduced portions of the inlet passages at the sides of the combustion chamber, and



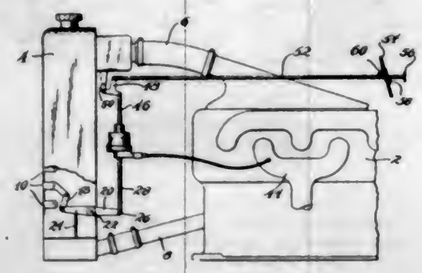
an elongated vaporizer extending diametrically across the mixing chamber and having a vertically adjustable and removable discharge tube for vapor extending into the outlet of the mixing chamber, there being an opening in the top of the vaporizer over the discharge tube and a cap over said opening.

1,621,064. TEMPERATURE-CONTROLLING APPARATUS FOR INTERNAL-COMBUSTION ENGINES. FREDERICK M. FURBER, Revere, Mass.; Samuel R. Cutler, Revere, Mass., administrator of said Frederick M. Furber, assignor to Charles A. Pipenhagen, Chicago, Ill., and James F. Raleigh, River Forest, Ill. Filed Feb. 16, 1918. Serial No. 217,689. 15 Claims. (Cl. 123—174.)



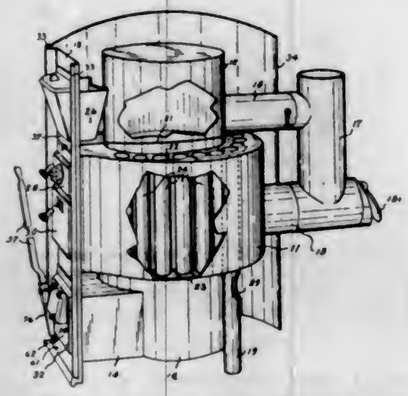
1. In combination with an engine and shutters for regulating the flow of air to cool said engine, spring means for actuating said shutter to closed position, actuating means for actuating said shutters to open position, and a connecting member between said shutters and said actuating means, comprising a pair of axially disposed longitudinally movable rods and suction means responsive to the running condition of the engine for connecting the same to move together.

1,621,065. TEMPERATURE-CONTROLLING APPARATUS FOR INTERNAL-COMBUSTION ENGINES. FREDERICK M. FURBER, deceased, late of Revere, Mass., by Samuel R. Cutler, administrator, Revere, Mass., assignor to Charles A. Pipenhagen, Chicago, Ill., and James F. Raleigh, River Forest, Ill. Original application filed Feb. 16, 1918, Serial No. 217,689. Divided and this application filed May 7, 1926. Serial No. 107,360. 19 Claims. (Cl. 123—174.)



1. The combination with a shutter for the radiator of an internal combustion engine, manually controlled means for opening said shutter, and automatic means for causing the shutter to close when the engine stops.

1,621,066. FURNACE. FRANK E. GRUNWALDT, Seattle, Wash., assignor to Gabriel Tubular Furnace Co. Inc., Tacoma, Wash., a Corporation of Washington. Filed Oct. 2, 1926. Serial No. 139,204. 7 Claims. (Cl. 126—109.)

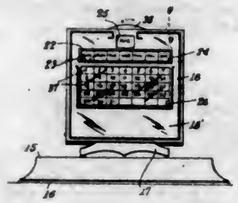


1. In a furnace, a fire-box having a smoke outlet and a plurality of heat tubes between said fire box and said smoke outlet, the tubes adjacent said smoke outlet being close together and the tubes further removed from said smoke outlet being spaced apart.

1,621,067. PERPETUAL CALENDAR. WILLIAM C. HIERING, Newark, N. J., assignor to J. E. Mergott Co., Newark, N. J., a Corporation of Delaware. Filed July 3, 1926. Serial No. 120,274. 5 Claims. (Cl. 40—118.)

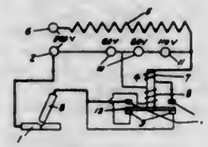
1. In a perpetual calendar, a casing having front and rear walls, a panel raised from the front wall bearing the days of the week, a scroll bearing the days of the month adjustable across an opening in the front wall, a guide for said scroll, means for actuating the scroll, a tubular boss on said guide, a disc rotatably mounted on said boss, said disc bearing the names of the months to appear

through a recess in said front plate, the upper edge of said disc extending through the top of said casing to facilitate rotation, said disc having perforations corresponding to



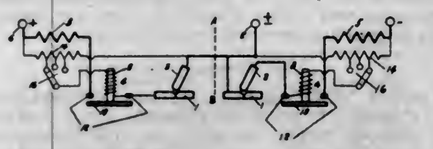
the names borne thereby, a spring tongue sheared from said guide, and a detent on said tongue engageable in any of the mentioned perforations whereby said disc is held in adjustment.

1,621,068. ELECTRIC-ARC WELDING AND CUTTING SYSTEM. CLAUDE J. HOLSLAG, South Orange, N. J., assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Filed Feb. 9, 1923. Serial No. 617,919. 10 Claims. (Cl. 219—8.)



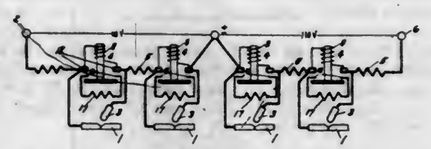
1. In an arc welding and cutting system, a main source of current for the arc, a resistance and a reactor having a magnetic core normally opened, but adapted to be closed and having a series and shunt winding, said series winding adapted to be connected with the arc and said resistance but normally in an open circuit, said shunt winding being normally connected across the arc electrodes through a portion of a potentiometer circuit and adapted when the electrodes are brought together, to close the welding circuit through said series winding and to close said core.

1,621,069. ELECTRIC-ARC WELDING AND CUTTING SYSTEM. CLAUDE J. HOLSLAG, South Orange, N. J., assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Original application filed Feb. 9, 1923, Serial No. 617,919. Divided and this application filed Oct. 8, 1924, Serial No. 742,497. Renewed Sept. 18, 1926. 8 Claims. (Cl. 219—8.)



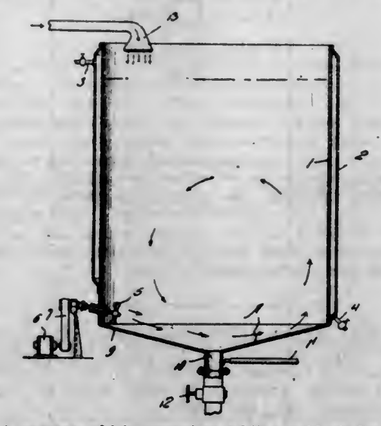
1. In an arc welding and cutting system, a main source of current for the arc, a steadying resistance in the arc circuit, a potentiometer resistance connected to said source of supply and a relay for closing the arc circuit having a single winding continuously connected in the same relationship across one arc electrode and the potentiometer resistance intermediate its ends.

1,621,070. ELECTRIC-ARC WELDING AND CUTTING SYSTEM. CLAUDE J. HOLSLAG, South Orange, N. J., assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Original application filed Feb. 9, 1923, Serial No. 617,919. Divided and this application filed Oct. 25, 1924. Serial No. 745,732. 6 Claims. (Cl. 219—8.)



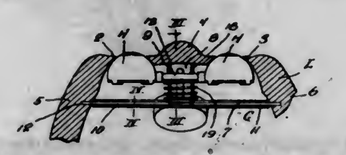
2. In an arc welding and cutting system, a source of D. C. current of relatively high voltage, means for operating a plurality of arcs across said source consisting of; a relay, a steadying resistance in series with the relay and a compensating resistance for each pair of arc electrodes; said relay having contacts which coact on actuation of the relay to introduce said compensating resistance into parallel relationship with said relay winding and into the welding circuit if one of said arcs goes out or becomes too long for good welding.

1,621,071. PROCESS OF TREATING ACID SLUDGE TO PROVIDE A FUEL. WILLARD DUGLAS KINKADE and CHARLES JOEL BAUGH, Barnsdall, Okla. Filed Jan. 8, 1927. Serial No. 159,995. 9 Claims. (Cl. 44—1.)



1. A process which comprises adding acid sludge from petroleum refining to a fuel oil, heating the same sufficiently to reduce the viscosity, mixing with amounts of soda and lime far less than the amounts thereof which would be necessary for neutralization of the acidity of the sludge, and well agitating the mixture, whereby an oil mixture suitable for use as a fuel is produced.

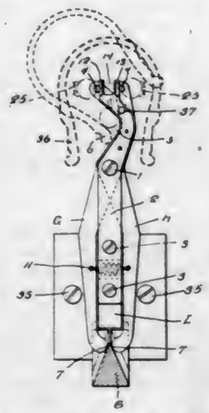
1,621,072. EYE SET. ALEXANDER KONOFF, New York, N. Y., assignor to Overland Metal Novelty Co., Inc., New York, N. Y., a Corporation of New York. Filed Mar. 17, 1926. Serial No. 95,198. 11 Claims. (Cl. 46—40.)



9. In an eye set comprising a pair of eyes and a supporting carrier therefor upon which the eyes are movably

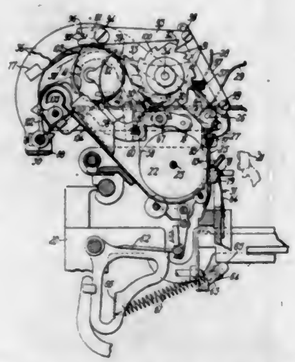
supported, a cross rod extending between and connecting the eyes together, and resilient means engaging the cross rod to resiliently urge the eyes against their seats in a doll head, the combination therewith of attaching means comprised in said carrier adapted to engage the doll head at points adjacent the eye seats respectively to thereby attach the eye set within the doll head.

1,621,073. MEANS FOR ATTACHING DOLL EYES. ALEXANDER KONOFF, New York, N. Y., assignor to Overland Metal Novelty Co., Inc., New York, N. Y., a Corporation of New York. Filed Apr. 15, 1926. Serial No. 102,146. 16 Claims. (Cl. 29—84.)



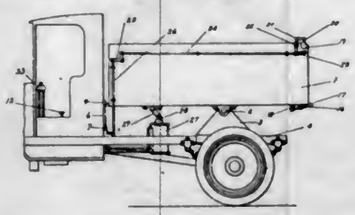
1. In a tool for attaching an eye-set within doll heads said eye-set having attaching parts movable away from each other into attaching position, supporting means for supporting the eye-set in position to receive the doll head relatively thereover, the attaching parts of the eye-set each having an aperture therein, and said supporting means including lugs for engaging within said apertures and means to move said lugs to thereby move said attaching parts to attaching position.

1,621,074. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 31, 1924. Serial No. 746,951. 11 Claims. (Cl. 197—135.)



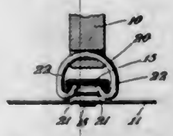
1. In a stencil-cutting device, in combination, a typewriting machine having a shift-frame, a shift-key and a compensating spring for said shift-frame for facilitating the operation of said shift-key, a stencil-card-holding mechanism detachably mounted on said shift-frame and pivoted in the rear thereof for presenting a stencil-card in operative position in said device, and a readily operable pivoted finger-lever device for increasing the tension of said spring for counterbalancing the added weight of the mechanism on said shift-frame.

1,621,075. AUTOMATIC DUMPING CAR. WILLIAM H. LARKIN, Pittsburgh, Pa. Filed Jan. 13, 1923. Serial No. 612,469. 1 Claim. (Cl. 298—17.)



In a dumping car a pivoted body having the lesser weight thereof on the discharge side of the pivotal point thereof, said body being so arranged that the weight of a normal load therein overbalances the distribution of weight of the body as a whole and the distribution of weight of the body as a whole tends to return the body to carrying position when unloaded; a fluid containing cylinder having a piston, and conduits leading to said cylinder on both sides of said piston and interconnected by way of a suitable control valve, whereby the cylinder permits swinging movement of the body in accordance with the freedom of fluid circulation by way of said conduits.

1,621,076. BAG-HANDLE CONNECTION. WILLIAM A LOTZ, Newark, N. J., assignor to The T & L Co., Inc., Newark, N. J., a Corporation of New Jersey. Filed Jan. 31, 1924. Serial No. 689,792. 2 Claims. (Cl. 190—57.)

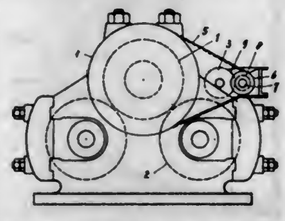


1. A bag frame handle connection comprising a bracket formed of sheet metal in the shape of an oblong rectangle having a curved centrally raised transverse portion, flanged side and end walls formed on said plate, said side walls having open recesses extending into the raised portion, prongs on the end walls suited to engage openings in the bag frame and be clinched thereto, and wire loops engageable with the handle, the ends of said loops being inturned to engage in the mentioned recesses and upturned within the raised portion of said bracket clear of the upper wall thereof whereby the loops are seated in the recesses and prevented from spreading.

1,621,077. THREE-ROLLER SUGAR-CANE MILL WITH A PARTICULARLY ARRANGED FEED ROLLER. ABRAHAM MARIE JAN MEESTERS, Djokjakarta, Java, Dutch East Indies, assignor to N. V. Constructie Atelier der Vorstenlanden, Djokjakarta, Netherlands, East Indies. Filed Sept. 7, 1926, Serial No. 133,768, and in Netherlands East Indies Mar. 24, 1925. 1 Claim. (Cl. 100—47.)

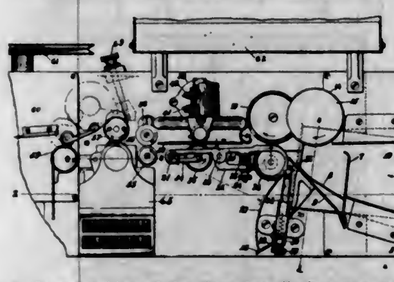
In a three-roller sugar-mill, the combination, with the top mill roller and the front mill roller, of an auxiliary feed roller disposed above the front roller and over which the material is fed to the mill, said auxiliary feed roller

being arranged sufficiently close to the front roller to prevent the passage of any material therebetween and being spaced relatively to the top roller so that the adjacent surfaces of said rollers coact for a feed action on the material and to provide a feed passage for the downward and forward travel of the material to the biting surfaces of the top and front rollers, and means for driving said
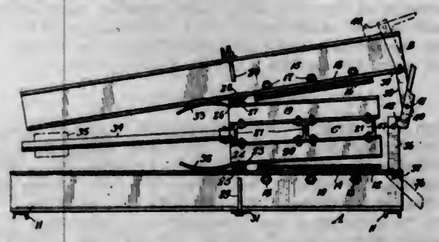


feed roller in the same direction as the front roller and at a higher circumferential speed than the top roller, whereby through the variation of speed between the top roller and the auxiliary feed roller the material is fed with a differential downward and forward force-feed pressure to and between the biting surfaces of the top and front rollers.

1,621,078. MOISTENER AND SEALER DEVICE. JOHN A. MITCHELL, Newark, N. J., and LAWRENCE J. ZAHN, Long Island City, N. Y., assignors to International Postal Supply Company, Brooklyn, N. Y. Filed Nov. 7, 1924. Serial No. 748,378. 26 Claims. (Cl. 120—6.)



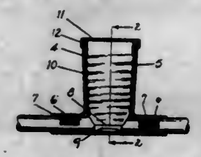
1. In a machine of the class described, a separator mechanism including a feed roll, a lever having associated therewith a plurality of rolls one of which cooperates with said feed roll and another acting as a moisture device feed roll, a spring acting to carry said lever toward the first mentioned feed roll and a spring controlled member acting to force the lever away from said feed roll substantially as described.

1,621,079. MACHINE FOR STRAIGHTENING AND GROOVING CANS. BERNHARD A. MOHR, New York, N. Y. Filed July 30, 1926. Serial No. 125,972. 9 Claims. (Cl. 153—39.)



1. In a machine of the character described, a relatively fixed jaw, a movable jaw fulcrumed to move toward and from the fixed jaw, a support for a can angularly movable intermediate between and in the plane of said jaws, said support being formed with a slot, and a grooving blade carried by one of said jaws and cooperating with said slot to form a groove in the can.

1,621,080. HANDLE SOCKET FOR CARPET SWEEPERS. IRA J. OWEN and BERNARD J. BOUWMEESTER, Grand Rapids, Mich., assignors, by mesne assignments, to Bissell Carpet Sweeper Company, Grand Rapids, Mich., a Corporation of Michigan. Filed Nov. 8, 1923. Serial No. 673,488. 1 Claim. (Cl. 306—1.)



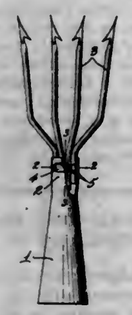
In a carpet sweeper handle socket the combination of a socket member made up of an outer shell formed of symmetrical halves of sheet metal, with tubular cross extension lugs at each side, a screw threaded sheet metal socket lining between the said symmetrical halves, a retaining collar around the ends of said socket casing flanged to clamp the same together and retain the lining in position, and a rod bail member with central swaged depression conformed to receive said socket lining and fit the bottom of said shell and disposed and spot welded to the tubular cross extension of said shell.

1,621,081. AUTOMOBILE BUMPER. WILLIAM G. PANCOAST, Winnetka, Ill., assignor to Bifiex Products Company, Waukegan, Ill., a Corporation of Delaware. Filed May 22, 1926. Serial No. 110,907. 2 Claims. (Cl. 293—55.)



1. A bumper comprising resilient bars spaced apart transversely throughout the length thereof, and having their end portions bent in the form of eyes adapted to fit one within the other for pivotal movement, discs mounted above and below said end portions and having annular projections fitting in the ends of the innermost eyes, and a connecting member extending between said discs.

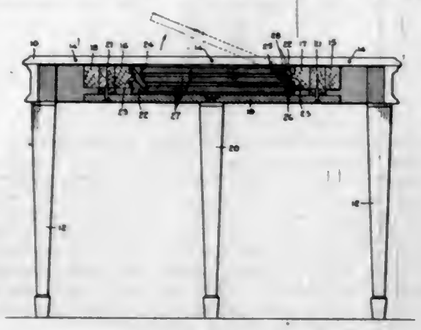
1,621,082. FROG SPEAR. CHARLES T. PFLUEGER, Akron, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio, a Corporation of Ohio. Filed Aug. 24, 1922. Serial No. 584,030. 1 Claim. (Cl. 43—6.)



In an article of the class described, a plurality of tines divergently arranged in a common plane and having parallel contacting shank portions, a ferrule having a

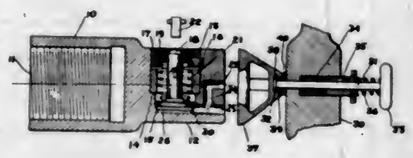
flattened socket portion receiving said tine shank portions, said tine shank portions being provided with aligned deformations, said ferrule socket portion being provided with a transversely extending deformation interlocking with said shank deformations, and said tines and said ferrule being joined at said interlock, as by welding, whereby said tines are permanently secured in said described arrangement.

1,621,083. EXTENSION TABLE. ABRAHAM RASSNICK, Elmhurst, N. Y. Filed July 6, 1925, Serial No. 41,486. Renewed Nov. 24, 1926. 8 Claims. (Cl. 45—112.)



1. Means for supporting extension table leaves comprising spaced members mounted beneath the top of an extension table having complementary juxtaposed steps throughout their lengths to receive and support the leaves therebetween.

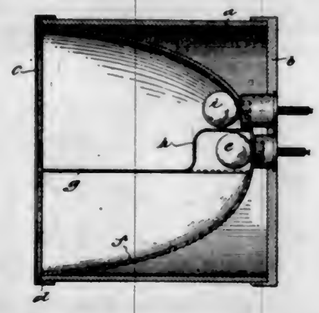
1,621,084. AUTO STOP GOVERNOR. JOHN P. RIGSBY, Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 9, 1920, Serial No. 387,520. Renewed Dec. 28, 1923. 16 Claims. (Cl. 264—17.)



1. An auto-stop governor comprising a rotary element, a trip element carried by the rotary element and capable of moving to tripping position in response to centrifugal force, adjusting means cooperating with the trip element to secure tripping at a predetermined speed, and centrifugal fluid-pressure-developing means to render the trip element operative at a speed below the predetermined speed and including means to control the operation of the pressure-developing means.

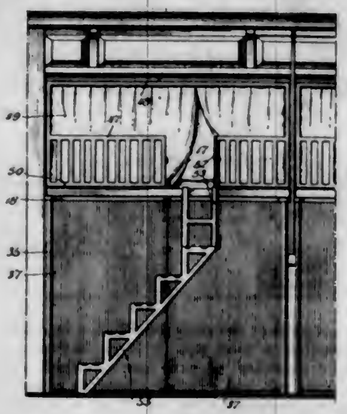
1,621,085. HEADLIGHT. OTTO RITZ, Brooklyn, N. Y. Filed Mar. 24, 1926. Serial No. 96,933. 1 Claim. (Cl. 240—48.2.)

In a headlight, a reflector, a source of light comprising an electric bulb at substantially the focal point thereof, a horizontal partition mounted in the reflector and below the lowest portion of the bulb, a hood on the partition to conceal the light source from the region above the partition and being in close proximity to the bulb at its top portion, and a second source of light secured in the reflector above the hood and in close proximity to the top thereof, whereby direct rays from the first bulb will be



screened from all points in front of and substantially below the horizontal and the two bulbs will be clustered substantially at the focal point of the reflector.

1,621,086. SLEEPING CAR. AGNES R. ROSSMAN, Scotch Plains, N. J. Filed Feb. 5, 1926. Serial No. 86,126. 1 Claim. (Cl. 5—331.)

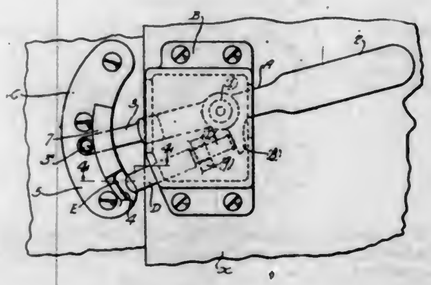


In a sleeping car construction, a berth including a bunk, a guard rail pivoted to said bunk along the bottom edge thereof and capable of being folded inwardly to a position in the bunk when the latter is in inoperative position, said guard rail including a frame having end members extending upwardly from the ends of the guard rail, a supporting member connecting the upper ends of said end members, the height of the guard rail and frame inclusive of the supporting member being substantially equal to that of the berth, and a curtain suspended from said supporting member and extending to the bottom of said guard rail to form a closure for said berth.

1,621,087. SPRINGLESS FASTENER. ADOLPH RUBIN, St. Louis, Mo., assignor, by mesne assignments, to Arcade Manufacturing Company, Freeport, Ill., a Corporation of Illinois. Filed July 17, 1924. Serial No. 726,527. 8 Claims. (Cl. 292—241.)

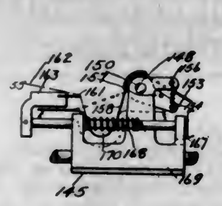
1. In a swinging door fastener, the combination of a hinged door, a latch mounted on said door in such a manner that gravity tends to hold said latch in an inactive position with relation to the keeper when the door is open, an actuating member for said latch mounted on

the door, and a stationary part associated with the keeper and arranged so that the movement of the door towards its closed position causes said stationary part to impart



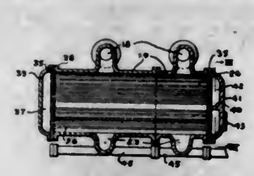
movement to said actuating member and cause said member to positively move the latch into locking engagement with the keeper.

1,621,088. CIGAR-BUNCHING MACHINE. WALTER H. SCHUSSLER, Philadelphia, Pa., assignor to The Schussler Tobacco Machine Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 8, 1924. Serial No. 684,944. 4 Claims. (Cl. 131—42.)



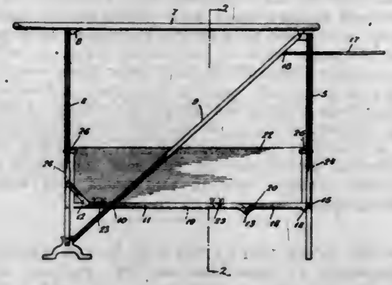
1. In a cigar bunching machine, the combination with the rolling apron and the apron roller, of a shield in proximity to said apron roller and capable of limited movement in the direction of the movement of the apron.

1,621,089. CONDENSER. JOHN H. SMITH, Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Original application filed Feb. 1, 1922, Serial No. 533,288. Divided and this application filed Apr. 10, 1924. Serial No. 705,599. 5 Claims. (Cl. 257—33.)



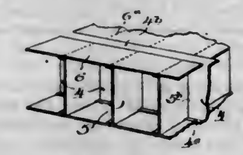
1. In varying size condensers of the character designated, shell members each having open ends and fluid inlet and outlet ports, standard end closures for the shell members, the parts being so constructed that any number of standard shell members may be assembled between the standard end closures to form condensers of varying capacities, and means common to the shell members for delivering fluid to each shell member and discharging fluid therefrom.

1,621,090. RECEPTACLE FOR IRONING BOARDS. ABRAHAM SONDACK, Bronx, N. Y. Filed May 22, 1926. Serial No. 110,889. 5 Claims. (Cl. 68—10.)



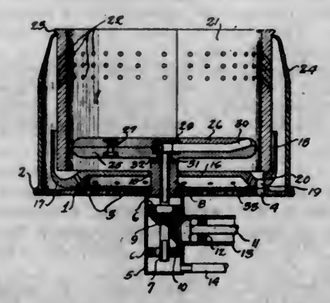
1. An ironing board including a foldable supporting framework, comprising standards and braces connecting the same, a collapsible receptacle carried by said framework and including side, end and bottom wall members, the side members being hinged to said bottom member and the end members of said receptacle being fixedly secured to said standards.

1,621,091. SPRING-CUSHION CONSTRUCTION. SAMUEL SUKKOFF, Chicago, Ill. Filed July 6, 1925. Serial No. 41,466. 3 Claims. (Cl. 5—353.)



1. A method of constructing spring cushions, consisting of providing two pieces of material, connecting them by a series of parallel strips extending at right angles to said pieces, holding said assembled pieces taut and cutting one of said pieces and said strips along parallel lines transverse to said strips and down to the other piece, and applying a piece corresponding to said unsevered piece over said severed piece and sewing one edge of the strips of said severed piece to said last mentioned piece.

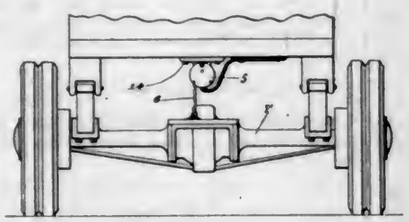
1,621,092. BURNER. OLOF A. TOFTEEN, Chicago, Ill. Filed July 6, 1925. Serial No. 41,501. 10 Claims. (Cl. 158—77.)



6. A burner comprising a hollow support, a fuel pipe journalled therein and projecting therefrom, means for rotating said fuel pipe, a fuel supply pipe connected with

said support for delivering fuel to said first mentioned fuel pipe, an apertured base member on said support, an outer casing seated on said base member, a sleeve resting on said support and surrounding a portion of the projecting part of said first mentioned fuel pipe, an apertured and grooved inner plate supported on said base member, said inner plate having an integral flange spaced from the inner walls of said outer casing, a sectional inner casing supported on said inner plate and spaced from said flange, said inner casing being constructed of a carborundum product and having a plurality of air passages therein, a union secured on the upper projecting end of said first mentioned fuel pipe, a plurality of fuel distributing pipes connected with said union, and a carborundum product covering said union and said distributing pipes.

1,621,093. LOAD INDICATOR FOR MOTOR VEHICLES. FREDERICK J. TROLL, Towson, Md., assignor to The Loadometer Company, Baltimore County, Md., a Corporation of Delaware. Filed June 25, 1920. Serial No. 391,753. 4 Claims. (Cl. 177—351.)



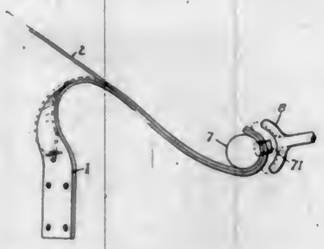
1. In combination with a vehicle body or frame, front and rear axles and resilient means for supporting the body on said axles; a source of electricity; a circuit energized from said source of electricity; contacts at intervals in said circuit, arranged in a predetermined path; two brushes, each mounted to move over part of said contact points; means for actuating said brushes, comprising with the brushes a mechanical connection between the body and the front and rear axles respectively, the position of one being determined by the relation of the body or frame to the front axle, and the other by the relation of the body or frame to the rear axle; and a voltmeter connected through both of said brushes in parallel to a portion of the circuit the resistance of which portion is thus varied in proportion to the load, so that the instrument may be read in terms of the total load.

1,621,094. N-BUTYL ETHYL BARBITURIC SUBSTANCE. ERNEST H. VOLWILER, Chicago, Ill., assignor to Abbott Laboratories, Chicago, Ill., a Corporation of Illinois. Filed July 18, 1923. Serial No. 652,454. 1 Claim. (Cl. 260—33.)

The new hypnotic substance formed by the reaction of n-butyl-ethyl barbituric acid with diethyl-amine, which is a white solid, melting at about 60° C., being soluble in water and having an ammonia-like and slightly bitter taste.

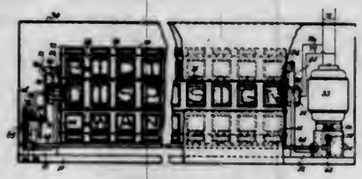
1,621,095. SPRING AND METHOD OF MANUFACTURING THE SAME. EBEN B. UTTER, Kalamazoo, Mich., assignor to Root Spring Scraper Company, Kalamazoo, Mich. Filed Aug. 21, 1926. Serial No. 130,696. 6 Claims. (Cl. 29—173.)

1. The method of manufacturing a blade spring having a main curved spring blade and an auxiliary reinforcing blade embracing the same consisting in forming the main spring, allowing it to cool, heating the reinforcing blade, bending the same to the form of the main spring blade while hot, clamping it in place, and quenching the hot spring in an oil bath to temper the same and shrink it to place, as specified.



6. A spring comprising a curved main blade, and a reinforcing blade wrapped and shrunk thereon when hot, as specified.

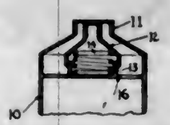
1,621,096. ADVERTISING DISPLAY SIGN. CHARLES D. WINTERS, Asbury Park, N. J., assignor of one-half to Charles G. Stockton, Ocean Grove, N. J. Filed Feb. 23, 1924. Serial No. 694,634. 21 Claims. (Cl. 40—33.)



1. In combination, a rotary drum having a plurality of removable sides having each a row of openings therein; individual character frames removably seated in said openings; a wall having a window in front of a row of said frames; and means for rotating said drum.

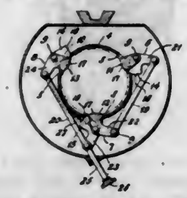
20. In combination, a rotatable drum; means for rotating the drum; means comprising a pawl for providing step by step movement of the drum during rotation; an electric lamp; brushes to light the lamp; a gear wheel having an electric contact member engageable with the brushes to light the lamp on the back stroke of the pawl while the drum is stationary and disengageable from the brushes for extinguishing the lamp during the active stroke of the pawl and while the drum is moving; and means for operatively connecting the pawl and gear wheel.

1,621,097. COLLAPSIBLE TUBE. SALVATORE J. ZAMMATARO, Brooklyn, N. Y. Filed Oct. 8, 1925. Serial No. 61,176. 1 Claim. (Cl. 221—60.)



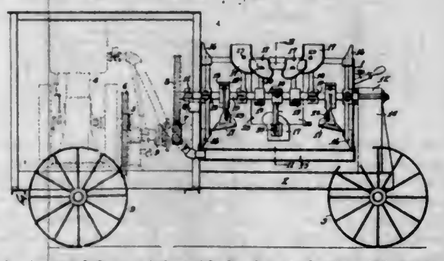
In combination, a tube having an opening in its head, a plunger, a transverse partition in said tube, a spring seated on said partition and engaging said plunger to force the same against said opening, said partition having perforations near its periphery providing a passage for the contents of the tube, and means carried by said partition and plunger for preventing access of the tube contents to the under side of said plunger.

1,621,098. CUP DISPENSER. JAMES W. ANDERSON and WILLIS B. RICE, New York, N. Y., assignors, by mesne assignments, to Vortex Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 1, 1924. Serial No. 747,152. 2 Claims. (Cl. 211—8.)



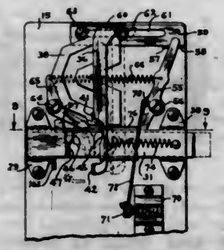
1. A cup dispenser comprising a container, a support therefor having a plurality of openings therein, a plurality of escapements pivotally mounted on said support and adapted to be projected through said openings, links pivotally connecting said escapements, a handle on one of said links for actuating the links and the escapements, and resilient means connected with one of said links for returning the escapements and links to normal position after an operation thereof.

1,621,099. MACHINE FOR MIXING ROAD MATERIAL AND THE LIKE. THOMAS J. BARRETT, Bordentown, N. J. Filed Nov. 2, 1921, Serial No. 512,394. Renewed Nov. 21, 1925. 7 Claims. (Cl. 83—73.)



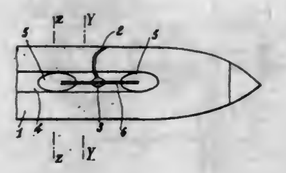
1. A revolving mixing blade for a horizontal mixing chamber, comprising a hollowed body with an open outer edge for the mixing chamber periphery and a raised margin around the rest of its perimeter.

1,621,100. COIN-CONTROLLED LOCK. HAROLD C. BEEBE, New Haven, Conn. Filed Jan. 14, 1922. Serial No. 529,223. 12 Claims. (Cl. 194—78.)



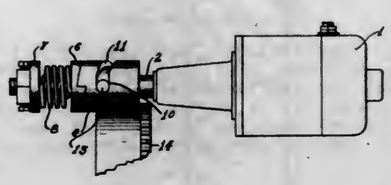
1. In a coin controlled lock, a bolt, means providing a coin slot, a manually operated member, slot closing means, an operating slide for said means, means for positioning a coin between the manually operated member and the bolt and slide, whereby when the coin is moved by the manually operated member it will act against and move the bolt and slide, means upon said slide to move the coin out of engagement with the slide upon the return of the bolt to protracted position, means for maintaining the slide in slot closing position, and a spring to return it to normal position upon its release.

1,621,101. SHUTTLE PROVIDED WITH A HAND OR AUTOMATIC THREADING DEVICE. CONSTANT BOURGEOIS, Rouen, France. Filed Oct. 20, 1925, Serial No. 63,587, and in France Nov. 6, 1924. 2 Claims. (Cl. 139—222.)



1. A shuttle for weaving looms having a longitudinal slot in one cheek and a lateral guide slot communicating with the first named slot and terminating at its outer end in an outlet eye for the yarn, said cheek also having recesses formed therein on opposite sides of said eye and within said longitudinal slot, and said cheek further having a longitudinal groove extending through and on opposite sides of said eye and into said recesses, said groove being of a width substantially equal to the thickness of the yarn so as to receive said yarn as it issues from said eye, and being of a depth such that the bottom of the groove will be at the level of the bottom of said recesses.

1,621,102. ENGINE STARTER. ODILON BRISBOIS, Chicago, Ill. Filed June 18, 1923. Serial No. 646,035. 2 Claims. (Cl. 74—7.)

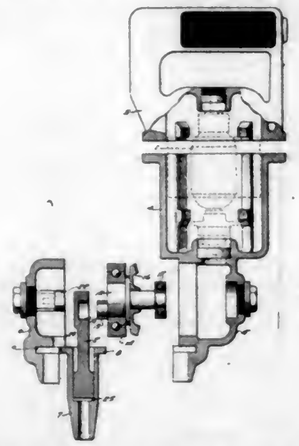


2. In an engine starter, comprising a motor shaft, a driven member mounted thereon, a sleeve surrounding said shaft and driven member and having a spiral guideway, said driven member having a stud projecting into said guideway, said sleeve having laterally extending inclined parts, a co-operating member having coacting inclined parts, and a spring connecting said shaft and co-operating member.

1,621,103. POWER-DRIVEN HAMMER OR RIVETER. HENRY P. BRUMELL, New York, N. Y., assignor to Ajax Electric Hammer Corporation, New York, N. Y., a Corporation of New York. Filed Jan. 20, 1926. Serial No. 82,466. 10 Claims. (Cl. 78—13).

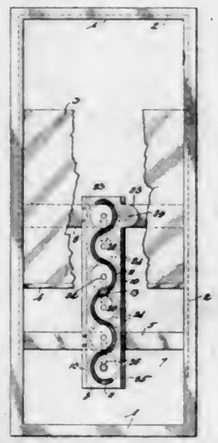
1. In a power driven hammer including a reciprocable hammer element and a drive mechanism directly connected therewith, a nozzle-like guide for the reciprocating

hammer element and a pair of mating casing members adapted to enclose the drive mechanism for the hammer element and being of a construction to firmly grip and



rigidly hold said guide in operative alined position with respect to the reciprocable hammer element when the casing parts are fastened together.

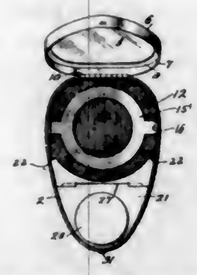
1,621,104. SASH-REGULATING DEVICE. ORSON G. BURCH, Detroit, Mich. Filed June 24, 1922. Serial No. 570,609. 5 Claims. (Cl. 268—122.)



1. A sash regulating device comprising a casing, a train of gear wheels in said casing, a traveler supported by said casing and adapted to be shifted by said train of gear wheels and shifted from one gear wheel to another, said traveler engaging the sash to be raised or lowered, and a winding arbor adapted to be turned to operate the train of gear wheels.

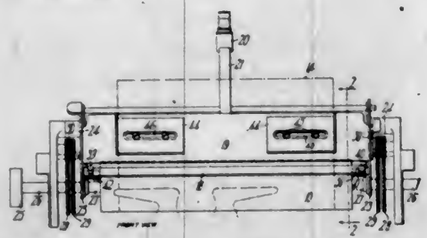
1,621,105. VANITY BOX. CLARENCE P. COOK, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Dec. 27, 1922. Serial No. 609,173. 6 Claims. (Cl. 132—83.)

1. A box for holding toilet accessories comprising bottom and cover members, wider at one end than the other the bottom member being divided by a partition into powder and rouge compartments lying side by side in substantially the same horizontal plane, the powder compartment being of greater dimensions than the rouge



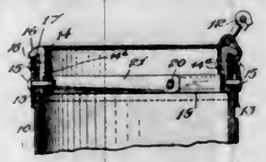
compartment, the two compartments being of substantially the area of the bottom member and means co-operating with the sides of the box for holding powder and rouge compacts in the compartments.

1,621,106. TYPEWRITING MACHINE. HARRY E. CRIPE, Chicago, Ill., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed July 2, 1925. Serial No. 41,016. 1 Claim (Cl. 197—126.)



A typewriting machine for selectively typing either upon a work-web or a work-sheet, including, in combination, a platen, a platen-displacing frame, the latter having side plates and a delivery table extending between the plates, a pair of oppositely-disposed side-edge gages carried by said table for gaging the work-sheet, a leading-edge gage for the work-web, and a web-severing knife disposed between the side-edge gages and the printing line of the platen, said knife being manipulatively detachable from the machine.

1,621,107. GOLF BAG. ALEXANDER D. CROSS, Irvington, N. J. Filed Nov. 19, 1925. Serial No. 69,966. 2 Claims. (Cl. 150—1.5.)



1. A golf bag comprising a tubular body portion having a stiffened top end, a collar with a flange on its outer face, the flange having an undercut face to receive the said end, said collar having an inside reduced portion forming a shoulder, a flexible strap secured at its ends to one side under said shoulder, and a bumper secured at the other side under said shoulder to act as a fender for the shafts of clubs.

1,621,108. CLOTHES PEG. HENRY JAMES DREW, Brunswick, JOHN ALFRED HUGHES DREW, Elsternwick, and JOHN FRANCIS GARDINER, Gardenvale, Victoria, Australia, assignors to Wing Clothes Peg Proprietary, Limited, Elsternwick, Australia. Filed Apr. 1, 1926, Serial No. 98,956, and in Australia Apr. 7, 1925. 4 Claims. (Cl. 24—137.)



1. A clothes peg comprising a pair of separately formed jaws having longitudinally disposed recesses in the corresponding gripping ends thereof, and a loop of resilient wire having its central part extending through and engaged by the recesses and its ends bearing against and pressing the jaws together.

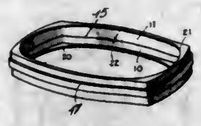
1,621,109. GREASE AND OIL PUMP FOR MOTOR CARS AND MACHINERY. HENRY EDWARD MANSFIELD DRUMMOND, Frankton Junction, New Zealand. Filed Oct. 2, 1925. Serial No. 60,011. 7 Claims. (Cl. 221—47.3.)



1. A grease and oil pump, including a cylinder capable of receiving in one end thereof a cartridge having a closed end, a piston in said cylinder for entering said cartridge to force the contents therefrom, means for operating said piston, and means carried by the last named means for penetrating the closed end of said cartridge to form an outlet opening therein.

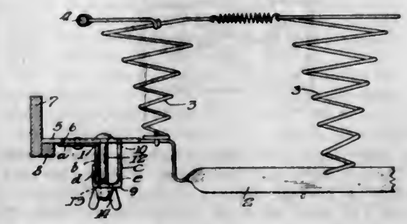
1,621,110. WATCHCASE CENTER. NATHAN GREENBERG, New York, N. Y. Filed Apr. 24, 1925. Serial No. 25,492. 4 Claims. (Cl. 58—92.)

1. A watch case center comprising two members adapted to be assembled in overlapping relationship, said members being in the form of sheet metal annuli, one of said members being widened intermediate its edges for a distance



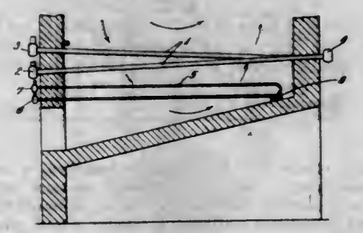
equal to the thickness of a wall of the annulus so as to form a shoulder on its inner surface and an oppositely directed shoulder on its outer surface.

1,621,111. BED-SPRING SUPPORT. DARWIN HANAUER, La Grange, Ill., assignor to Kinney-Rome Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 25, 1922. Serial No. 603,173. 6 Claims. (Cl. 5—209.)



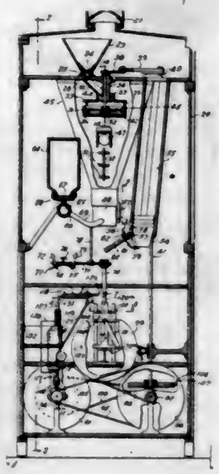
1. Supporting means for bed-springs comprising, in combination with the angle-bar side-rail of a bed-spring, an adjustable horizontal member engaging and extending across the upper face of said side-rail, a vertical member spaced from the inner face of said rail and having an outwardly projecting hook engaging the depending flange thereof, and a vertical bolt arranged adjacent the inner face of said rail for clamping said members thereto and for holding said horizontal member in adjusted position, said vertical member having means for holding said horizontal member against rotation about said bolt, substantially as described.

1,621,112. SUPERHEATING ARRANGEMENT FOR WATER-TUBE BOILERS. JOHN NELSON DUNDAS HEENAN, Aldwych, London, England, assignor to Power Specialty Company, New York, N. Y., a Corporation of New York. Filed June 19, 1925. Serial No. 38,145, and in Great Britain Sept. 24, 1924. 4 Claims. (Cl. 122—481.)



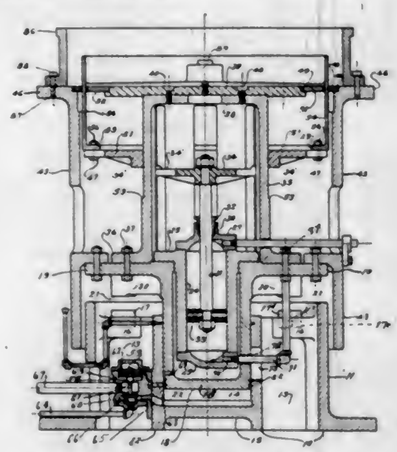
1. In a boiler furnace burning pulverized fuel and having a screen of water tubes in the path of the precipitated ash, the provision of a superheater interposed between the water tubes and the ashpit, substantially as and for the purpose set forth.

1,621,113. CORN-POPPING MACHINE. FRANK A. HILL, Dixon, Ill., assignor of one-half to Edward C. Fritz, Dixon, Ill. Filed Feb. 26, 1926. Serial No. 90,761. 26 Claims. (Cl. 53—4.)



1. A corn popping machine embodying popping mechanism, butter delivering mechanism, a carton receiving mechanism, a package delivery opening, and means for operating the said receiving mechanism to carry the carton successively to the popping mechanism, butter delivery mechanism and package delivery opening.

1,621,114. MOLDING MACHINE. WALTER J. IRVIN, Akron, Ohio. Filed June 20, 1921. Serial No. 478,803. 8 Claims. (Cl. 22—45.)



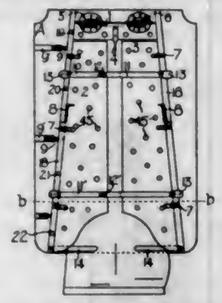
1. In a device of the character described, a suitable base embodying a vertically disposed pressure cylinder, a hollow cylindrical member operatively mounted therein, an outer cylindrical wall and a tubular center post supported thereby, a table comprising a flange on said wall and a circular plate on said post, a cylindrical pattern concentrically arranged between said post and said flange, means to raise and lower said pattern so that a portion thereof will project above said table and means to utilize fluid pressure to cause a vertical jolting movement of said cylindrical member in said cylinder

1,621,115. IGNITION TIMER. HAROLD L. JOYCE, East Orange, N. J., assignor to Tiffany Manufacturing Company, Newark, N. J. Filed Jan. 23, 1926. Serial No. 83,216. 10 Claims. (Cl. 200—26.)



2. A timer including a housing, a ring of insulating material supported within said housing, said ring being of substantially uniform thickness but having a plurality of tracking surfaces and sectors alternately offset therefrom, contact plates positioned between said tracking surfaces over said offset sectors and flush with said surfaces and terminal studs for said contact plates extending through the ring and beyond the outer surface of the housing but insulated from the housing, said housing having means fitting between said offset sectors for the purpose described.

1,621,116. GARMENT PRESSER. ORA L. LANCE, Fulton, Calif. Filed Feb. 6, 1922. Serial No. 534,530. 3 Claims. (Cl. 100—57.)



1. A garment press comprising a base member having an opening therein covered with porous material and provided with means to tighten same, a cuff receiving member and means to normally hold same closed, curved pressure leaves adapted to close thereon, means to fasten same when closed and spring means to open same when not in use.

1,621,117. MODIFIED PNEUMOCOCCIC ANTIGEN, ANTIPNEUMOCOCCIC SERUM, AND PROCESS OF PRODUCING THE SAME. WINFORD P. LARSON, Minneapolis, Minn. Filed Aug. 27, 1925. Serial No. 52,964. Renewed Jan. 7, 1927. 22 Claims. (Cl. 167—7.)

1. The process of producing anti-pneumococcic serum, comprising treating pneumococci, and/or their products or toxins with a soluble salt of an organic acid which is a surface-tension depressant; injecting such treated material into an animal; and obtaining blood serum from said animal.

7. The process of producing anti-pneumococcic serum, comprising treating pneumococci, and/or their products or toxins with castor oil soap; injecting such treated material into an animal; and obtaining blood serum from said animal.

12. An anti-pneumococcic serum obtained from an animal which has received one or more injections of pneumococci, and/or their products or toxins previously treated with a surface-tension depressant comprising a soluble salt of a higher unsaturated fatty acid containing one or more hydroxyl groups.

21. A composition of matter, comprising a mixture of pneumococci, and/or their products or toxins, and a soluble salt of ricinoleic acid.

1,621,118. MODIFIED BACTERIA AND TOXINS, IMMUNIZING SERUMS AND METHOD OF PRODUCING THEM. WINFORD P. LARSON, Minneapolis, Minn. Filed Nov. 4, 1925, Serial No. 66,864. Renewed July 30, 1926. 55 Claims. (Cl. 167—7.)

1. The process of treating bacteria, and/or their products and toxins, to render them non-disease-producing and non-poisonous, which consists in applying thereto surface tension depressants consisting of soluble salts of the higher fatty acids which are adsorbed on the surfaces of the bacteria and the toxin molecules, substantially as herein described.

4. The process of treating bacteria, and/or their products and toxins, to render them non-disease producing and non-poisonous, which consists in applying thereto castor oil soap.

30. Immunizing material consisting of bacteria, and/or their products or toxins, rendered non-disease-producing and non-poisonous by having applied thereto surface-tension depressants consisting of salts of the higher unsaturated fatty acids containing one or more hydroxyl groups, which are adsorbed on the surfaces of the bacteria and/or the toxin molecules, substantially as herein described.

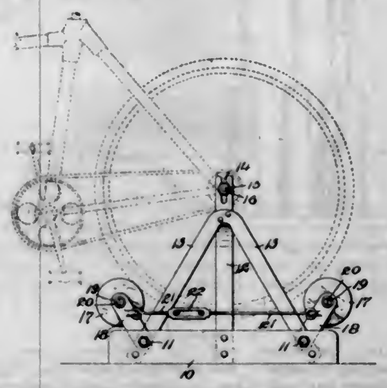
46. Serums for therapeutic use obtained from animals which have received injections of bacteria, and/or their products and toxins, previously treated with castor oil soap, substantially as herein described.

1,621,119. SCARLÆT FEVER ANTIGEN. WINFORD P. LARSON, Minneapolis, Minn. Filed Jan. 27, 1926, Serial No. 84,168. Renewed Nov. 26, 1926. 7 Claims. (Cl. 167—7.)

1. A composition of matter, comprising a mixture of scarlet fever streptococci, and/or their products or toxins, and a soluble salt of an organic acid which is a surface-tension depressant.

7. A composition of matter, comprising a mixture of scarlet fever streptococci, and/or their products or toxins, and castor oil soap.

1,621,120. HOME TRAINER. ROBERT E. LEE, Hillside, N. J. Filed Sept. 10, 1925. Serial No. 55,453. 3 Claims. (Cl. 272—73.)



1. A home trainer comprising a stand having means for securing the axle of a bicycle wheel, arms pivoted to the stand, rollers on said arms, and a connection to hold the rollers at various adjustable distances apart to vary their pressure on the tire of the wheel.

1,621,121. ARSENICAL SOLUTIONS AND METHOD OF PREPARING SAME. OTTO LOWY, Newark, N. J., assignor, by mesne assignments, to Steneck Trust Company, trustee, Hoboken, N. J., a Banking Corporation of New Jersey. Filed Dec. 20, 1920, Serial No. 432,081. 19 Claims. (Cl. 167—7.)

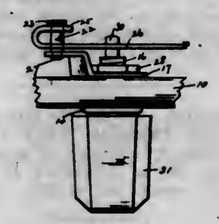
1. The method which comprises adding to an arseno-benzol derivative an amount of caustic alkali at least sufficient to convert an arseno-benzol derivative into a solution of the di-alkali salt, and thereafter permitting the resulting solution to age in the absence of oxygen for a length of time sufficient to cause the reaction resulting in the formation of the di-alkali salt to become complete.

10. The method of manufacturing a prophylactic compound which comprises adding to arsphenamine an amount of caustic alkali at least sufficient to convert the arsphenamine into a solution of the di-alkali salt, and sealing the same in an ampule in the presence of nitrogen.

14. The method which comprises adding to the dihydrochloride of diamino-dihydroxy-arseno-benzol an amount of caustic alkali at least sufficient to convert said di-hydrochloride into a solution of di-alkali salt, sealing said solution in an ampule in the presence of inert gas, and permitting the same to age until all of the mono-alkali salt formed as an intermediate product is converted into the di-alkali salt.

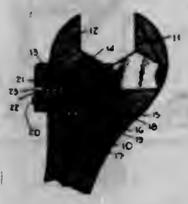
19. The method which comprises adding to the dihydrochloride or diamino-dihydroxy-arseno-benzol under non-oxidizing conditions from about four and one-third to about eight gram-molecules of caustic soda, sealing the resulting solution in an ampule in the presence of nitrogen, and permitting the same to age until all of the mono-sodium salt formed as an intermediate product of the reaction is converted into the di-sodium salt.

1,621,122. TANK LEVER. HARRY MACMILLAN, Philadelphia, Pa. Filed May 11, 1926. Serial No. 108,236. 6 Claims. (Cl. 4—67.)



1. A tank lever including a fulcrum bracket; a lever; a pin having a head on one end while the other end is reduced in diameter, said pin passing through the lever and fulcrum bracket with an enlargement swaged from the reduced end.

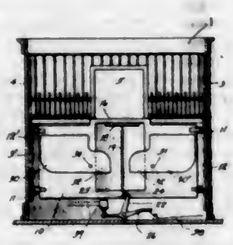
1,621,123. WRENCH ADJUSTMENT. JAMES MCCONVILLE, Montreal, Quebec, Canada. Filed Dec. 7, 1925. Serial No. 73,801. 1 Claim. (Cl. 81—165.)



A wrench comprising a fixed jaw and a handle, the latter having a worm recess and spindle bearings at either end of said recess, a spindle journaled in said bear-

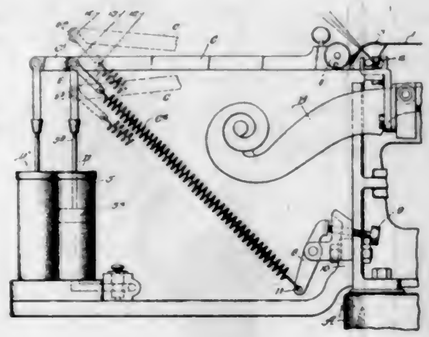
ings and having a threaded end projecting beyond one side of the handle, a worm fixedly mounted on said spindle within said recess, a movable jaw having a rack coacting with said worm and sliding into said fixed jaw and thereagainst, a knurled lock-nut threaded on the threaded end of said spindle, and a spring washer introduced between said lock-nut and the side of the handle.

1,621,124. CASHIER'S CAGE. JAMES C. MCCORMACK, Monroe, Wash. Filed June 13, 1925. Serial No. 36,938. 3 Claims. (Cl. 268—2.)



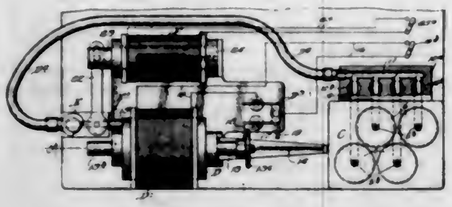
1. The combination with a cage of the character described comprising a wall having a closed lower section and an unprotected upper section, of a screen support intermediate said sections, a protective screen normally disposed within the cage adjacent the closed wall section and adapted to be raised to close the upper section, and having an opening therein, the screen support being within said opening, a latch engaging the screen to normally retain it in lowered position and releasable from within the cage, a spring attached to the screen whereby it may be lifted when the latch is released and normally open door section mounted on the screen and adapted to be moved by engagement with the screen support when the screen is raised to cover the opening in the screen.

1,621,125. METHOD AND MEANS FOR CONTROLLING TENSION AND TREMOLO EFFECTS. BERTIE E. MILLS, Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 3, 1926. Serial No. 92,002. 10 Claims. (Cl. 84—11.)



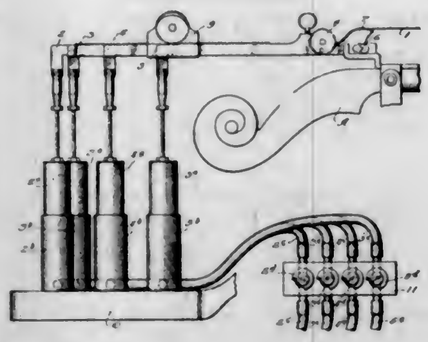
5. In a tremolo device for stringed instruments, a tensioning-lever connected with an end-portion of a string and extending away from said string, a pulsating device connected with said lever, and a coil-spring connected with said lever and serving as the normal principal tensioning means for the lever, said lever and spring being so related that the effective lever-arm will vary inversely with the tension of said spring when the lever is vibrated.

1,621,126. TREMOLO DEVICE. BERTIE E. MILLS, Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 24, 1926. Serial No. 96,983. 11 Claims. (Cl. 84—11.)



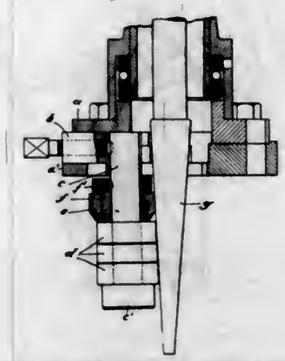
4. In combination with a pulsating-device for actuating a string-tensioning device, pumping means comprising a cylinder equipped with a solenoid, a pump-piston within said cylinder actuated by said solenoid, a conduit leading from said cylinder and serving said pulsating-device, an electric circuit for said solenoid, and an oscillating circuit-maker and breaker actuated in both directions by said piston.

1,621,127. TREMOLO DEVICE FOR VIOL MACHINES. HERBERT S. MILLS, Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 29, 1926. Serial No. 98,219. 3 Claims. (Cl. 84—11.)



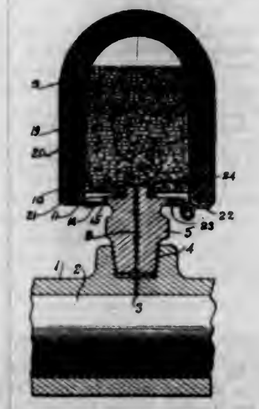
3. In combination with the tensioning levers of a musical instrument of the viol class; a series of pistons connected with said levers, cylinders telescopically receiving said pistons, conduits serving said cylinders, valves controlling said conduits, a pair of double acting pumps serving said conduits, and an electric motor provided with a shaft having its opposite ends equipped with gear mechanism connected with the pistons of said pumps.

1,621,128. TUBE BEADER. EMIL MÖHRLIN, Stuttgart-Degerloch, Germany, assignor to the Firm Möhrlin G. m. b. H., Stuttgart, Germany. Filed Mar. 6, 1925, Serial No. 13,487, and in Germany Mar. 10, 1924. 3 Claims. (Cl. 153—82.)



1. Tube beader comprising a head, a radial guide on said head, a slide adapted to be displaced in said guide, an expanding roller and a beading roller rotatably carried on said slide, said beading roller being mounted eccentrically with regard to said expanding roller, and means for transversely displacing said rollers and said slide.

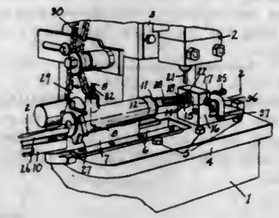
1,621,129. LUBRICATING CUP. JOHN G. MUELLER, CARL A. GRANZOW, and HENRY M. GRANZOW, Dayton, Ohio. Filed Apr. 20, 1923. Serial No. 633,406. 2 Claims. (Cl. 184—69.)



1. A lubricating device comprising an air-tight oil cup having a discharge orifice at its base, a plug having an oil passage therethrough adapted to receive oil from the cup and deliver it to a bearing, and a hinge connection between the plug and cup by which the plug is detachably secured in place in the cup.

1,621,130. PUNCHING MACHINE. EARL A. MUNGER, Kalamazoo, Mich., assignor to Acme Machine Products Company, Kalamazoo, Mich. Filed May 17, 1926. Serial No. 109,611. 9 Claims. (Cl. 10—72.)

1. In a punching machine, the combinaiton of a reciprocating punch, an anvil provided with an upwardly facing segmental work rest, a slotted die projecting from said anvil above said rest, the rear wall of the slot of the die being rearwardly inclined, said anvil having a slot extending upwardly from said slot in said punch, a reciprocating work carriage adapted to position the work carried thereby upon said work rest with said die entering the work, a work holder rotatably mounted on said



carriage, said work holder having a spindle with a longitudinal opening permitting the discharge of slugs therethrough, means for rotating said work holder comprising a star wheel on the spindle of the work holder, a tappet coacting with said star wheel when the carriage is in its advanced position, and a friction brake coacting with said work holder spindle to prevent overthrow thereof.

1,621,131. METHOD OF TREATING LIVESTOCK. CHARLES O. NELSON, Greeley, Nebr., assignor to United Fly Salt Company, Omaha, Nebr., a Corporation of Nebraska. Filed May 22, 1926. Serial No. 111,032. 3 Claims. (Cl. 167—10.)

1. The method of treating livestock to produce upon the skin thereof exudate and excretions of a nature obnoxious to insect pests and parasites, which comprises regularly and periodically supplying to such livestock sulfur in amounts proportioned to the weight of the animal corresponding to at least 0.3 pounds per month for an average full grown beef animal for a period sufficient to establish the desired type of exudate on the skin of the animal and in maintaining such exudate by a like continuous and regular supply of sulfur over the desired period.

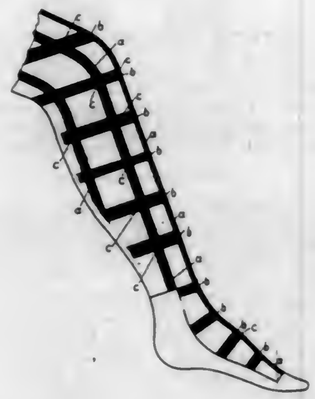
1,621,132. METHOD AND APPARATUS FOR SEALING FRUIT JARS. FRANK REINBOLD, Sheboygan, Wis. Filed Jan. 2, 1925. Serial No. 249. 2 Claims. (Cl. 215—56.)



1. In combination, a fruit jar cover provided in its top with a circular recese and a central inwardly beveled concentric opening in the bottom of the recess, a rela-

tively thin cap providing an air tight seal for said opening and held in place by virtue of a vacuum created in the jar by a removable means extended into said recess for exhausting the air through said opening, said cap being of less diameter and of less thickness than the depth of said recess and said cap further of a diameter to fit in said means during the formation of the vacuum, said cap mounted on the bottom of the recess, and said opening extending from the bottom of the recess to the inner face of the cover.

1,621,133. STOCKING WITH LONGITUDINAL AND TRANSVERSE REENFORCEMENTS. OSWIN ROTTLOFF, Auerbach, Germany. Filed May 22, 1924, Serial No. 715,074, and in Germany Nov. 30, 1923. 1 Claim. (Cl. 66—182.)



A stocking knit with body yarn and having knitted intersecting reenforcing stripes which define therebetween areas knit with body yarn alone.

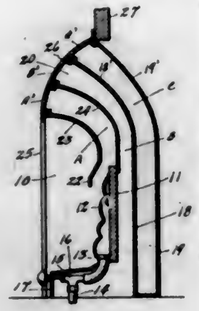
1,621,134. NIPPLE. ALBERT RUSSO, Pittston, Pa. Filed Feb. 3, 1926. Serial No. 85,764. 1 Claim. (Cl. 128—252.)



As a new article of manufacture, a nipple comprising an enlarged cylindrical attaching portion adapted to fit over the neck of a bottle, a reduced cylindrical neck formed integral with the attaching portion, and a rounded knob formed integral with said neck, said knob being provided with a discharge aperture at its outer end and the reduced cylindrical neck being also provided with a plurality of diametrically disposed minutely formed air vents.

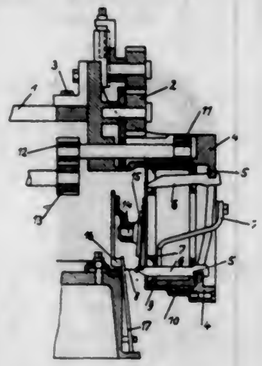
1,621,135. FIREPLACE HEATER. THEODORE A. SALA, Dallas, Tex. Filed July 21, 1925. Serial No. 45,010. 4 Claims. (Cl. 126—121.)

1. In a fire place heater, the combination of an open fire box, a heating element therein, an individual flue having an intake communicating with the rear upper portion of the fire box and discharging into the room, a second flue contiguous to the first flue and having an individual air intake and discharge communicating with



the room, and a third flue contiguous to the other flues and having individual air entrance and discharge communicating with the room.

1,621,136. AXLELESS LOOP WHEEL FOR CIRCULAR-KNITTING MACHINES. ERNST SAUPE, Limbach, Germany. Filed Apr. 30, 1925, Serial No. 27,077, and in Germany May 10, 1924. 1 Claim. (Cl. 66—106.)

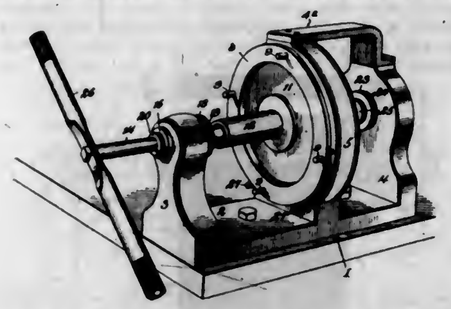


A loop wheel for circular knitting machines comprising in combination an annular casing in which the front ends of the sinkers are located, means for rotating said annular casing, a thread distributor removably fixed on the machine frame above said annular casing, a hollow body fixed to said thread distributor, a cam crown in said hollow body said cam crown carrying the sinkers, and a sinker cam fixed on the outer side of said hollow body and extending through said annular casing to press upon the sinkers.

1,621,137. REAMING JIG. MICHAEL I. SEILER, Millersburg, Pa., assignor to Keystone Reamer & Tool Co., Millersburg, Pa., a Corporation of Pennsylvania. Filed Sept. 17, 1921. Serial No. 501,306. 4 Claims. (Cl. 77—62.)

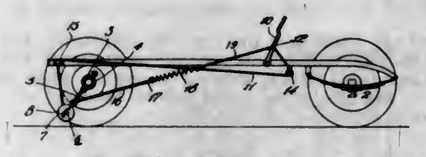
1. In a reaming jig, the combination of a rigid ring-shaped work holder surrounding the part to be reamed and having an interior taper surface with the larger end

threaded, a two-part wedge ring for interposition between the taper-surface of the work holder and the work in advance of threaded end, and a threaded clamping ring



adapted to be screwed into the work holder and engaging with the two-part wedge ring to move the same and clamp the work axially and by radial compression.

1,621,138. ANTISKID DEVICE FOR MOTOR VEHICLES. CHARLES SILVERTHORN, Pontiac, Mich. Filed Oct. 21, 1925. Serial No. 63,882. 1 Claim. (Cl. 188—5.)



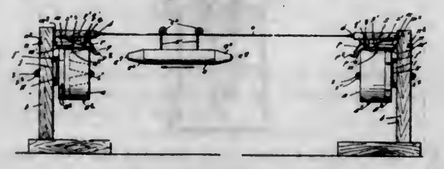
The combination with a vehicle wheel supported chassis having a rear axle, of a pair of depending brackets pivotally connected to the rear axle, a shaft connected to the lower ends of said brackets, small antiskid wheels mounted on the last mentioned shaft and adapted to be brought in contact with the pavement, or to be moved away from the pavement, brace rods connecting the brackets, a pulley mounted on the chassis rearwardly of the rear axle, a lever pivotedly mounted on the chassis forwardly of the rear axle, a second pulley mounted on the chassis forwardly of said lever, a cable having one of its ends connected to the lever, and its other end connected to the shaft of the antiskid wheels, said cable passing over the first mentioned pulley and under the second pulley, cable branches connected to said brackets and converging forwardly, a tension spring connected to the forward ends of said branches, and a second cable connecting the spring to said lever.

1,621,139. DOLL'S EYES WITH LOCKING MECHANISM. WALDEMAR SÖRGEL, Waltershausen, Germany, assignor to Kämmer & Reinhardt A.-G., Waltershausen, Thuringen, Germany. Filed Feb. 12, 1926, Serial No. 87,908, and in Germany Mar. 19, 1925. 2 Claims. (Cl. 46—40.)



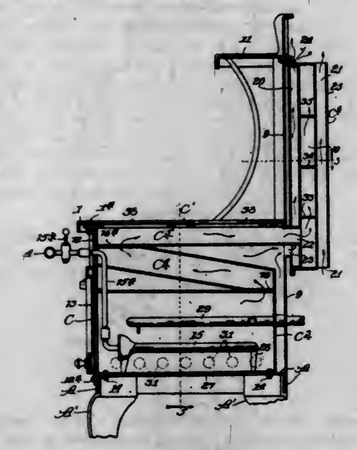
1. In a doll's head with sleeping eyes, in combination with the eyes, a pendulum for operating the eyes, a device in the head for locking and releasing said pendulum comprising a sleeve fixed in the head at right angles to said pendulum and at the rear and one side thereof and having a longitudinal slot, a pin slidably mounted in said sleeve for movement into the path of said pendulum, a cross pin mounted in said slidable pin and engaging with the slot in said sleeve, and a guiding means on said pin for preventing accidental locking of said pendulum.

1,621,140. TOY AND OPERATING MECHANISM THEREFOR. FAYETTE L. THOMPSON, Portland, and CHARLES A. SLOPER, Rainier, Oreg. Filed Feb. 18, 1926. Serial No. 89,095. 15 Claims. (Cl. 46—46.)



1. The combination of a body, a means by which said body is movably guided along a predetermined path, an abutment at one end of said path for impact by said body, one of said impacting elements being provided with a cavity in which the other fits and into which it is guided by said guiding means, and means for placing a fulminate between said abutment and said body, to be exploded by the impact of the body with the abutment, whereby the force generated by said explosion functions to project said body from said abutment.

1,621,141. STOVE OR RANGE. JOHN J. TOOMEY, Chicago, Ill. Filed Apr. 30, 1925. Serial No. 26,894. 46 Claims. (Cl. 126—39.)

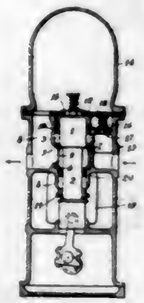


16. A range comprising a cooking-top having a closed top section, a gas-flue disposed below the closed top, a burner-box spaced some distance below said gaa-flue, a flue leading from the rear portion of said burner-box to the front portion of said first-named flue, and a gas-burner located in said burner-box.

1,621,142. DIFFERENTIAL PISTON PUMP. ERNST VOGEL, Stockerau, near Vienna, Austria. Filed Nov. 24, 1925, Serial No. 71,187, and in Austria Dec. 24, 1924. 4 Claims. (Cl. 103—168.)

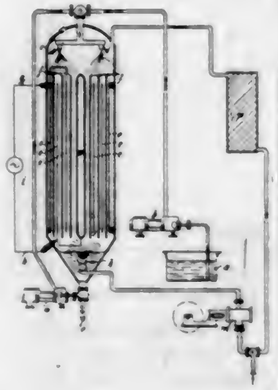
1. A pump of the characer described comprising in combination a cylinder, a differential piston operating therein,

two stuffing boxes one for each part of the differential piston, neck rings capable of acting on one another be-



tween the said stuffing boxes and a single gland for the two stuffing boxes, capable of being tightened from the outside.

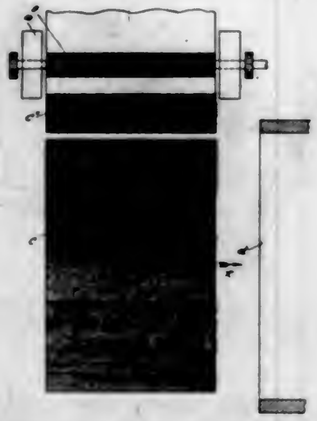
1,621,143. PROCESS FOR BRINGING ABOUT PHYSICAL AND CHEMICAL CHANGES IN DIELECTRIC CARBON COMPOUNDS BY MEANS OF IONIZED GASES. HANS EDGAR RICHARD VOGEL, Blankenese, near Hamburg, Germany. Filed Apr. 8, 1925. Serial No. 21,654, and in Germany Mar. 26, 1920. 1 Claim. (Cl. 204—31.)



A process for electrically treating carbon compounds which comprises passing carbon compounds in the form of froth together with a gas through a condenser, the plates of which are separately provided with a dielectric and passing a high voltage, high current density discharge between said plates and through said mixture of carbon compounds and gas to cause molecular changes in the said carbon compounds.

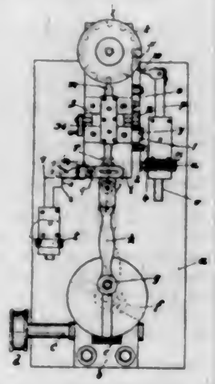
1,621,144. METHOD AND DEVICE FOR MANUFACTURING PLATE GLASS. LAMBERT VON REIS, Herzogenrath, Germany. Filed Apr. 28, 1926, Serial No. 105,320, and in Germany June 11, 1925. 5 Claims. (Cl. 49—33.)

1. The method of manufacturing plate glass, which consists in rolling the glass mass into plates with flutes on at least one of their surfaces, depositing the plates with a fluted surface on a conveyor having a supporting face provided with flutes in a direction different from



the direction of the flutes on the glass plates, and carrying the latter by means of the conveyor to an annealing kiln.

1,621,145. FEEDING DEVICE FOR GRINDING, MILLING, OR BORING MACHINES AND THE LIKE. CARL OTTO WEBER, Dresden, Germany. Filed Mar. 11, 1925, Serial No. 14,783, and in Germany Oct. 26, 1922. 7 Claims. (Cl. 77—64.)

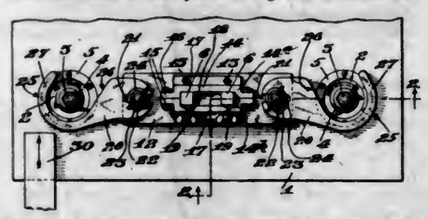


3. A feeding device for grinding machines and the like comprising a reciprocable slide, means for fixing the work piece mounted on said slide, a dividing plate associated with said piece, a pair of pawls adapted to intermittently feed and lock said dividing plate, said pawls being released and actuated by the reciprocatory motion of the slide, lever mechanism operable by a full rotation of the dividing plate, feeding means interposed between said lever mechanism and said pawls, and means for adjusting the locking pawl in a direction perpendicular to the reciprocating motion of the slide.

1,621,146. SAFETY DEVICE. WILLIAM WELP, St. Louis, Mo. Filed Jan. 23, 1926. Serial No. 83,306. 2 Claims. (Cl. 144—251.)

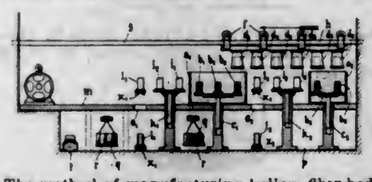
1. In a guard of the character described, in combination with the work-table and a cutter rotatable thereon about a vertical axis, a pair of vertical posts on the work-table, a body-plate movable vertically on said

posts, a boxing secured to the top face of said body-plate and having a rectangular opening from top to bottom, the side and end walls of said opening slidably engaging said posts, set-screws in a side wall of said boxing and respectively impinging said posts, a vertical screw-threaded stud on said body-plate having a clamping nut thereon, and a flat plate-like guard element having



a bifurcated inner end portion resting on said body-plate and straddling said screw-threaded stud thereon whereby to be longitudinally and swingably adjustable and being secured in adjusted position by said clamping nut on said stud, the outer end portion of said guard element being hooked to encompass the cutter and paralleling the top face of said work-table.

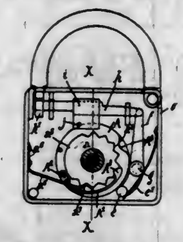
1,621,147. MANUFACTURING HOLLOW BODIES FROM PULP FIBER. PETER ERNST WINNERTZ, Penig, Germany. Filed June 22, 1925, Serial No. 38,898, and in Germany Feb. 16, 1924. 5 Claims. (Cl. 92—54.)



1. The method of manufacturing hollow fiber-bodies and the like, which consists in causing spacedly and parallelly superimposed rows of supporting means and of receiving means to be laterally and axially moved into alignment with each other, immersing certain of the supporting means into fiber-carrying liquids, thereby depositing layers of fiber on said supporting means, superimposing and transferring a certain number of such layers in successive stages to the supporting means, and periodically advancing said supporting means in stages corresponding to the number of layers, transferred to them between each period of their movement, then moving the receiving means in the same direction into alignment with a set of unimmersed supporting means in successive stages, then engaging the layers-containing receiving means with the corresponding unimmersed supporting means and compressing the layers, detaching the compressed fiber-bodies from the receiving means, and receiving them upon other unimmersed supporting means, then returning the rows of receiving means to their initial position, and transferring layers of fibers to the now empty receiving means, and compressing and detaching the compressed layers of fibers in and from the remaining receiving means in successive stages.

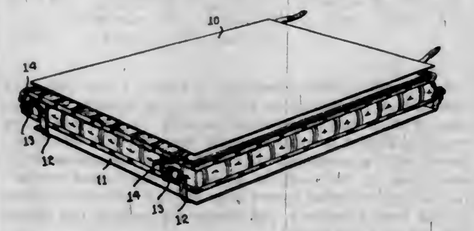
1,621,148. KEYLESS COMBINATION-LOCK MECHANISM FOR PADLOCKS, DOOR LOCKS, AND THE LIKE. PHILIPPE ARNATI, Paris, France. Filed Jan. 27, 1925, Serial No. 5,053, and in France Feb. 6, 1924. 5 Claims. (Cl. 70—112.)

1. A combination lock device, comprising a plurality of juxtaposed cams, a toothed wheel adjacent each cam, a notch upon the periphery of each cam, elastic means connecting each wheel with its adjacent cam and providing for the angular displacement of each wheel upon its cam, an elastic member forming a pawl co-operating with each of the respective wheels and engaging one tooth, a latch, a movable member secured thereto, means whereby the said movable member together with the latch can be displaced only when the notches of all the cams are in line, independent external elements for the separate an-



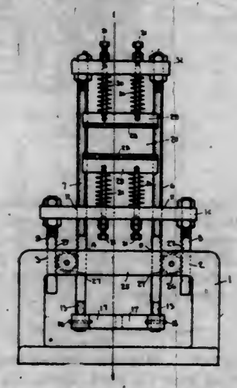
gular displacement of each wheel and cam unit to form the combination of figures as determined by the audible clicks produced by each unit.

1,621,149. MATTRESS AND BED PROTECTOR. WILLIAM R. BLISSITT, Columbus, Ga. Filed Nov. 10, 1924. Serial No. 749,065. 1 Claim. (Cl. 5—354.)



A device of the character described comprising a mattress, top and bottom protectors therefor with each protector comprising layers of material cemented together; the top protector consisting of a sheet having an upper layer of wool, a lower layer of rubber and an intermediate layer of cotton fabric; the bottom protector comprising center and top and bottom layers of rubber and layers of fibrous material between the center rubber layer and the top and bottom layer of rubber; and adjustable means at the four corners of the top and bottom protectors to detachably secure said protector together on opposite sides of the mattress.

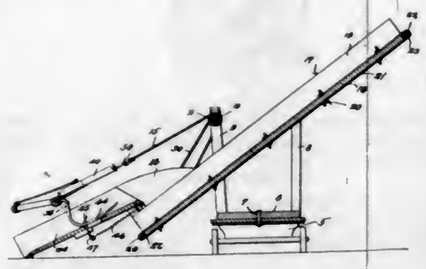
1,621,150. TRACK-SCALE TRIG LOOP. JESSIE H. BRANT, Youngstown, Ohio. Filed July 31, 1925. Serial No. 47,354. 2 Claims. Cl. 265—72.)



1. In a device of the class described, an upper and lower trig block, coil springs positioned back of said trig blocks for the purpose of cushioning said trig blocks, means

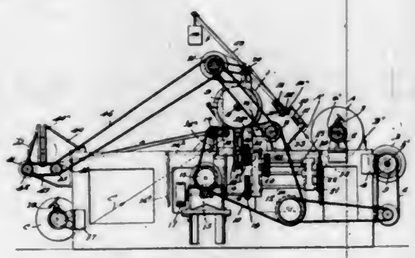
for causing said trig blocks to move against a weighing beam thereby securing said beam in a level position, a lever controlled means for operating said trig blocks, substantially as described for the purpose set forth.

1,621,151. LOADING DEVICE. DANIEL BRIGGLE, Bloomdale, Ohio. Filed Aug. 14, 1925. Serial No. 50,289. 4 Claims. (Cl. 214—93.)



1. A loading device including a truck, a base pivotally mounted on the truck, an inclined chute supported by the base, a chute pivotally connected with the first mentioned chute, a forked member movable over the last mentioned chute, means extending within the last mentioned chute and lying in the path of travel of the forked member for holding material moved over the last mentioned chute by the forked member, and means for moving the forked member over the chute.

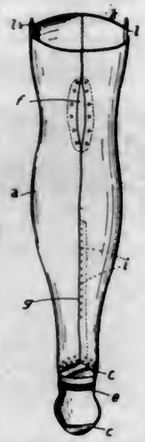
1,621,152. BIAS-CUTTING MACHINE. JAMES W. BRUNDAGE, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed May 22, 1925. Serial No. 32,086. 14 Claims. (Cl. 164—77.)



1. In a machine of the class described, the combination with a rotatable platen roll and a plurality of equally spaced apart connected cutters movable longitudinally of the roll and adapted to impinge thereagainst, of means for feeding the fabric to the roll including means for applying tension to the fabric.

1,621,153. GAITER. HELENE BUNNENBERG, Hanover, Germany. Filed May 18, 1926. Serial No. 109,985, and in Germany Dec. 4, 1925. 1 Claim. (Cl. 36—2.)

Gaiters in the shape of a soleless leg having longitudinal slits at the rear in the hollow of the knee and above the heel and comprising bag-shaped heel and toe portions, a transverse strap of elastic material at the centre portion of the foot, fastening devices for closing said slits,



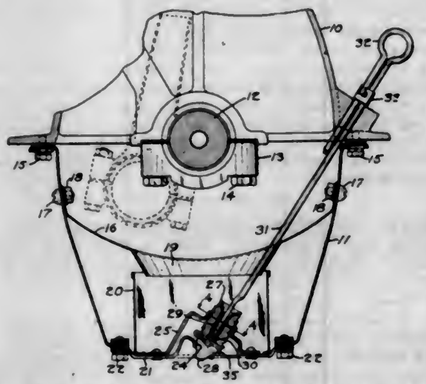
and flaps with button holes upwardly extending from the top edge of the leg and designed to be attached to the underwear.

1,621,154. TIRE-REPAIR DEVICE. DAVID H. COX, Roselle, N. J. Filed Jan. 27, 1926. Serial No. 84,186. 5 Claims. (Cl. 152—26.)



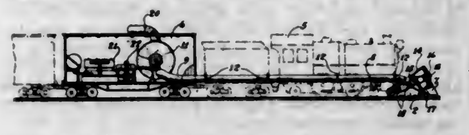
5. A repair device for tires including a base of cured rubber having a flat face and central stem rising therefrom, and a centrally apertured disk of uncured rubber of a diameter less than that of the base disposed on said base and receiving the said stem therethrough.

1,621,155. INTERNAL-COMBUSTION ENGINE. GEORGE R. DAVENPORT, Royal Oak, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed July 3, 1924. Serial No. 723,915. 9 Claims. (Cl. 184—106.)



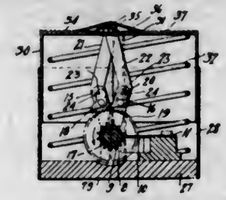
1. In a liquid receptacle, a drain valve and a depth gauge therefor, said depth gauge being insertable in said receptacle to operate said valve and withdrawable therefrom to determine the depth of liquid in said receptacle.

1,621,156. SNOW-CLEANING APPARATUS. JOHN W. DILLAHUNT, Hartford, Conn. Filed Nov. 20, 1925. Serial No. 70,235. 2 Claims. (Cl. 37—25.)



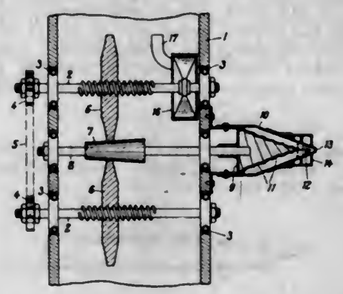
1. In an apparatus of the class described, the combination of a locomotive, a series of pipes extending longitudinally of the locomotive at opposite sides thereof, a series of spaced brackets for supporting the pipes, a hopper sustaining the front ends of the pipes, a wedge-like part between the front ends of the pipes, an adjustable shaft running transversely of the hopper, and provided with a series of fingers thereon, fan casings into which the pipes extend, fans in the casings, and pipes leading from the casings for conducting material therefrom to opposite sides of the track.

1,621,157. MUSICAL DOLL. HARRY D. DU BOIS, West Orange, N. J., assignor to Louis Wolf & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1926. Serial No. 143,576. 2 Claims. (Cl. 46—40.)



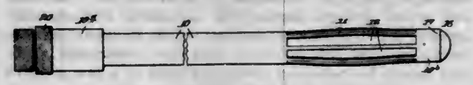
2. A musical doll, comprising a body, a container within the body, comprising a casing and a cover telescopically arranged therewith, a pressure operated musical instrument secured to the base of the casing, instrument operating means in cooperative engagement with the instrument and cover, and means on the casing and cover to prevent relative rotation therebetween.

1,621,158. SPINNING MACHINE. OSKAR EDELMANN, Schlettau, Erzgebirge, Germany. Filed July 8, 1926. Serial No. 121,138, and in Germany May 21, 1926. 4 Claims. (Cl. 118—38.)



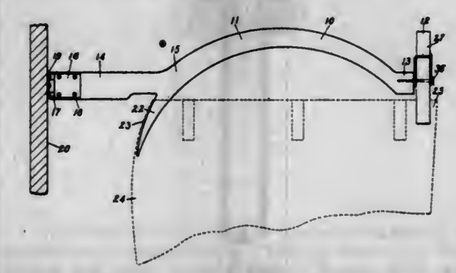
1. A spinning machine, comprising in combination a hollow conical spinning body having spiral windings, a funnel open at the front and enclosing said spinning body, a spindle on which said spinning body is mounted, a cone on said spindle, two driving shafts in the shape of screw spindles one at the right and the other at the left of said spindle, a friction wheel loosely mounted on each driving shaft and designed to rotate said cone on said spindle by friction at a very high speed, and means for producing an air eddy in said funnel to suck the fibres into said funnel and to blow them against said spinning cone on which the fibres are twined to form a thread which is delivered through the open point of said funnel.

1,621,159. ABDOMINOSCOPE. ROBERT T. EVANS, Scottsdale, Ariz. Filed Nov. 27, 1925. Serial No. 71,627. 5 Claims. (Cl. 128—6.)



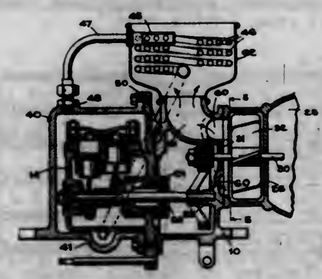
1. In a surgical instrument, a sheath comprising a tube having a series of outwardly bowed spaced longitudinal strips, means for exerting endwise pressure on said strips to cause them to spread by bending between their ends, and means insertable into said sheath for exploring through the slits between said strips the cavity into which said sheath is inserted.

1,621,160. GARMENT HANGER. CLIFFORD H. FISHER, Fort Lauderdale, Fla. Filed May 8, 1925. Serial No. 28,910. 2 Claims. (Cl. 223—67.)



1. A trouser hanger comprising an arcuate body portion having a bracket formed thereon, an arcuate ledge extending from the body portion below the bracket over which the rear portion of a pair of trousers is placed, supporting means carried by the front end of the body portion for receiving the front portion of the trousers, the supporting means being in alignment with the ledge for tautly retaining the waist band of the trousers in a horizontal position, and a hinge secured to the bracket for hingedly mounting the hanger.

1,621,161. REFRIGERATING APPARATUS. ARTHUR GREEN, Coventry, England. Filed Apr. 30, 1926, Serial No. 105,852, and in Great Britain July 4, 1925. 8 Claims. (Cl. 62—115.)



4. In a refrigerating apparatus, the combination of a disc-like casting having a compressor mounted on one side thereof, a compressor shaft extending through said

casting to the other side thereof, a hollow casting mounted on said other side of the other disc-like casting, said hollow casting being formed with a gear chamber and with a through passage isolated from said gear chamber, a fan casing mounted on said hollow casting, a fan mounted on a driven shaft within the fan casing, said fan casing and gear chamber being isolated one from the other by a wall, said driven shaft extending through said wall into the gear chamber, said fan casing having inlet and outlet ports one of which registers with one end of the through passage, a condenser disposed adjacent the other end of the through passage and associated with the compressor outlet, reduction gearing within the gear chamber connecting the driven shaft with the compressor shaft, and means for releasing condensed fluid to a low pressure system associated with the compressor inlet.

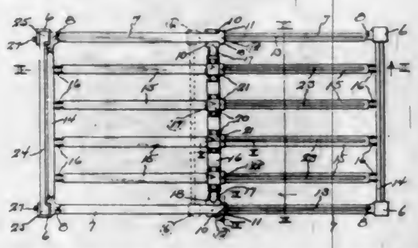
1,621,162. WATER COOLER FOR REFRIGERATORS. FRED C. GREEN, Morrison, Ill., assignor to Illinois Refrigerator Company, Morrison, Ill., a Corporation of Illinois. Filed July 2, 1925. Serial No. 41,094. 21 Claims. (Cl. 62—142.)



10. A water cooling apparatus comprising a refrigerator having adjacent food and ice compartments, and an opening in its top; a cooler having its open upper end registering with said opening, and means for supporting the cooler in the refrigerator beneath the said opening; an air chamber at the upper end of the cooler above the water line; and a duct connecting this air chamber with the ice chamber.

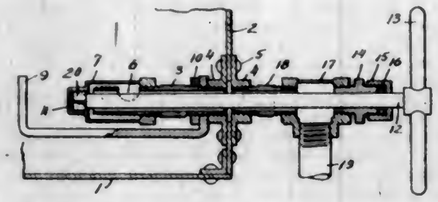
11. In apparatus as set forth in claim 10, the cooler having an angular bottom the apex of which is in the ice compartment, for the purpose specified.

1,621,163. SLIDING BED. MONA MOORE HAMPTON, Kansas City, Mo. Filed Oct. 7, 1925. Serial No. 61,006. 4 Claims. (Cl. 5—175.)



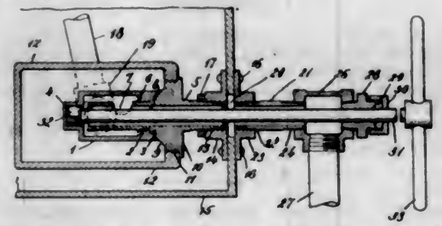
1. A bed comprising a foot and a head piece, slidably interconnected side rails, slidably interconnected slats and supports for said rails and slats extending perpendicularly thereto at a point intermediate said foot and head piece, said slats being supported adjacent their slidably interconnected ends by a transverse member having each end respectively linked to said perpendicular supports by a plurality of coil springs.

1,621,164. DRAIN DEVICE. JOSEPH L. HUTCHINGS, Olean, N. Y. Filed Aug. 15, 1925. Serial No. 50,424. 4 Claims. (Cl. 137—21.)



1. A drain device of the non-freezing type which comprises, a threaded stationary member having an axial passage therethrough, a threaded movable member operatively connected to said stationary member, the threads of the stationary and movable members being in engagement with one another and so cut that said threads may be tightly and non-leakably drawn into engagement with one another, a vent leading to the axial passage of the stationary member, and means for rotating the movable member in fixed longitudinal position relative to the stationary member to open and close the vent.

1,621,165. DRAINING VALVE. JOSEPH L. HUTCHINGS, Olean, N. Y. Filed Feb. 2, 1926. Serial No. 85,422. 5 Claims. (Cl. 251—35.)



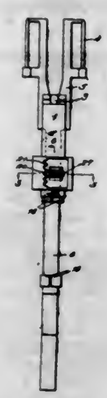
1. A draining valve comprising, a stationary member with an axial passage therethrough, a movable member operatively connected to the stationary member, a vent leading to said axial passage, said members being both threaded and ground seated one to receive the other, and means for moving the movable member relatively to the stationary member to open and close the vent, the ground seats being in engagement when the valve is closed.

1,621,166. FOUNTAIN PEN. MAX KATZ, Providence, R. I. Filed Feb. 15, 1926. Serial No. 88,352. 3 Claims. (Cl. 120—50.)



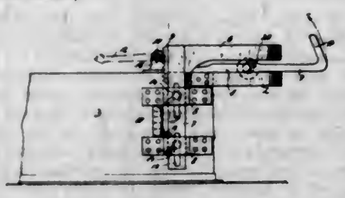
1. A nonleakable fountain pen, comprising, an ink sack holding barrel portion having a closed upper end and an open lower end, a hollow neck portion having a cap receiving thread on the outer periphery thereof integrally secured to the barrel portion, a tubular feed portion having its central portion of approximately the diameter of the inner periphery of the neck portion, an ink sack receiving shoulder of smaller diameter at the upper end and an internal channel extending from the upper sack end thereof to approximately the lower end thereof having an air inlet opening of substantially smaller diameter than the channel extending from the front surface of said feed portion to said channel and an ink outlet opening of substantially equal size extending from the front surface of said feed portion to said channel below said air inlet opening, an ink sack having a lower open end attached to the shoulder on the upper end of said feed portion and a pen nib having the upper end thereof secured to said pen between said neck portion and said central portion of said feed portion, a downwardly projecting split writing end and an air inlet opening approximately centrally thereof substantially in register with the said air inlet opening in the feed portion.

1,621,167. RIBBON GUIDE FOR TYPEWRITERS AND THE LIKE. CALVIN I. KEPHART, Portland, Oreg. Filed Apr. 12, 1926. Serial No. 101,365. 5 Claims. (Cl. 197—170.)



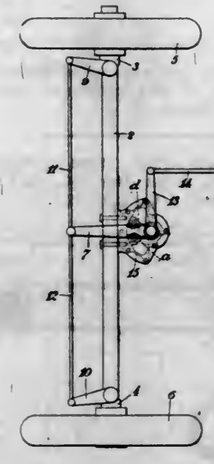
1. A device of the character described comprising a ribbon guide, a sectional supporting stem therefor, the sections of said stem being telescopically arranged, one of said sections being apertured, the wall of said aperture being provided with a rack, a bolt member carried by the other section and being disposed within the aperture of the first section, and spring means urging said bolt into engagement with the rack to maintain the sections in an adjusted position.

1,621,168. TOWING DEVICE WITH SAFETY DEVICE AGAINST CAPSIZING FOR TUGS. THEODOR KLÜVER, Cuxhaven, Germany. Filed Apr. 12, 1926, Serial No. 101,474, and in Germany Feb. 17, 1926. 4 Claims. (Cl. 114—235.)
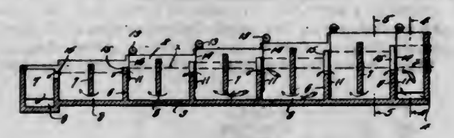


1. A towing device on tug-boats with safety device against capsizing, comprising in combination with a towing bow, a towing hawser, a guiding bow, a towing hook having a nose which extends in a straight line, a safety bow adjustably arranged above said guide bow and curved in accordance with the horizontal path of movement of said towing hook and designed to press upon said towing hook if the tug-boat stands at a predetermined angle of inclination and which presses said towing hook down as soon as this angle of inclination is exceeded in the direction of said stretched towing hawser said nose of said towing hook assuming with regard to said towing hawser a position at such an acute angle that said towing hawser is automatically unhooked from said hook by the action of its pulling force.

1,621,169. STEERING MECHANISM OF ROAD VEHICLES. FREDERICK WILLIAM LANCHESTER, Moseley, Birmingham, England. Filed Sept. 9, 1926, Serial No. 134,557, and in Great Britain Oct. 3, 1925. 4 Claims. (Cl. 280—90.)



1. Hydraulic steering damping mechanism including in combination a damper piston, a cylinder therefor, a duct through said piston, a pair of damping release valves controlling said duct, hydraulic power operating means on said piston for each of said valves, an auxiliary valve on said piston associated with each of said hydraulic power operating means and means for manually actuating said auxiliary valves alternatively as required.

1,621,170. FISHWAY. WILLIAM CHARLES LANDAU, Lancaster, Pa. Filed July 17, 1925. Serial No. 44,404. 9 Claims. (Cl. 61—21.)

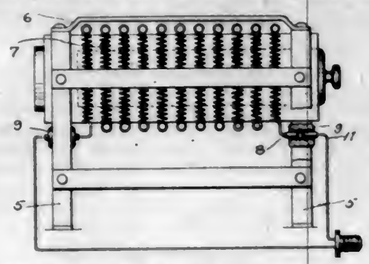


1. A fishway comprising a channel through which water may flow, means in the fishway to provide a plurality of lowering water-levels progressing in the direction of the flow of water through the fishway, and means for directing the flow to the bottom of each level so as to prevent sediment from collecting on the bottom of the fishway.

1,621,171. ELECTRIC HEATER AND STOVE. JOHN J. LIBI, San Francisco, Calif. Filed July 8, 1924. Serial No. 724,873. 1 Claim. (Cl. 219—35.)

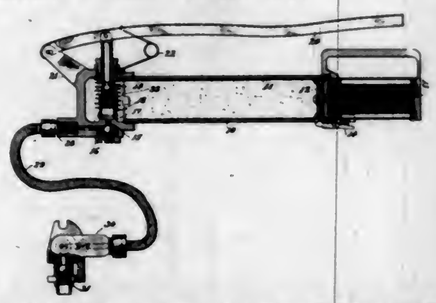
A cooker of the class described, consisting of a cooking chamber formed of heat retaining material, a wire of high resistance spirally wound upon itself to form a coil of many turns, said wire coil being formed in a plurality

of loops and surrounding said chamber, said wire being free from said chamber, and a metal frame forming a combined guard and stand for the cooking chamber, said



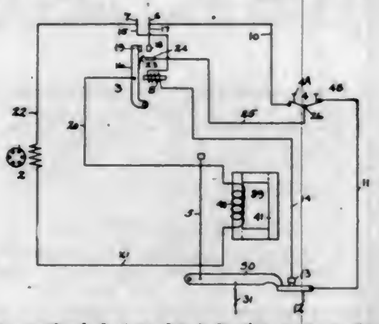
frame being formed with sockets for detachably connecting the terminals of said resistance element with a source of current supply.

1,621,172. GREASE GUN. PHILIP MACKENZIE, San Francisco, Calif. Filed Mar. 14, 1923. Serial No. 624,912. 3 Claims. (Cl. 221—47.3.)



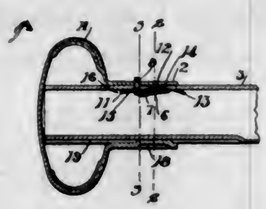
1. A grease gun comprising a reservoir having a discharge outlet, a sleeve overlying the outlet and forming a seat therewith, a plunger in the sleeve, an operating lever arranged upon the exterior of the reservoir and connections between the operating lever and plunger and sleeve whereby the sleeve and plunger will be raised simultaneously by the lever, spring means to return the sleeve to its seat to entrap a quantity of grease, the plunger thereafter being depressed by the lever to expel the entrapped grease.

1,621,173. OVERLOAD DEVICE FOR ALTERNATING-CURRENT MOTORS. CHARLES H. RIPPL, East Cleveland, Ohio, assignor to The Clark Controller Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 18, 1926. Serial No. 130,089. 4 Claims. (Cl. 172—289.)



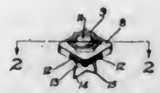
1. In overload devices for induction motors, the combination of a motor circuit including a main magnetic contactor switch, an expansive hot wire and circuit breaker in said motor circuit, and a reactor in parallel with said hot wire, said reactor being so wound as to permit normal overload starting currents to divide between said reactor and said coil in such proportion as to provide sufficient time to bring the motor to normal speed without breaking the circuit, but being so arranged as to divide other overload currents in such proportion as to force said expansive wire to operate said circuit breaker in the desired times for such other overloads.

1,621,174. DOORKNOB FASTENER. WALTER R. SCHLAGE, San Francisco, Calif. Filed Aug. 2, 1923. Serial No. 655,219. 3 Claims. (Cl. 292—353.)



1. A device of the character described, comprising a tubular spindle having a slot formed therein transversely of the longitudinal axis of the spindle, a radially movable locking plate carried by the spindle and guided in the slot, a knob adapted to be received by the spindle, said knob having a slot formed therein adapted to register with the slot in the spindle, and a spring disposed longitudinally of the tubular spindle and interiorly thereof and adapted to force the locking plate radially outward through the spindle and into the slot in the knob to secure the knob.

1,621,175. DENTAL FASTENING MEANS. ALFRED K. SIMMONS, Faribault, Minn. Original application filed Aug. 24, 1922, Serial No. 584,115, Patent No. 1,589,994, dated June 22, 1926. Divided and this application filed Jan. 21, 1924. Serial No. 687,601. 3 Claims. (Cl. 32—9.)

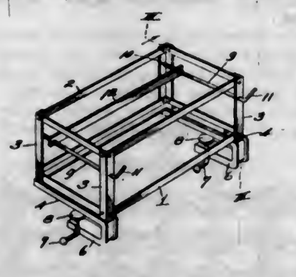


1. In a dental fastening means, the combination of a base having an angular periphery, an abutment projecting from the outer face of the base and adapted to have an artificial tooth or crown secured thereto, said base being adapted to be embedded in a denture, crown or bridge with the abutment extending exteriorly thereof whereby said tooth or crown may be secured to the positioned base, the periphery of the base being recessed adjacent its angle so that when the base is embedded in a plastic material of a denture, crown or bridge the material will extend into said angular recesses and, upon hardening, will assist in preventing relative movement of the base.

1,621,176. REMOVABLE TRUNK HOLDER. SAM SONIN, Kansas City, Mo. Filed Aug. 18, 1926. Serial No. 129,900. 1 Claim. (Cl. 224—29.)

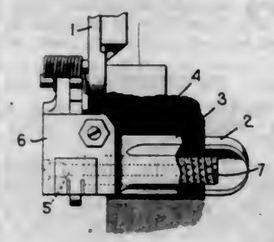
A trunk holder for use on motor car running boards, comprising corner posts, end and side bars connecting the

posts at their upper and lower ends, a screw permanently swiveled to and connecting each pair of end posts and provided with a handle at the outer end, and a bar paral-



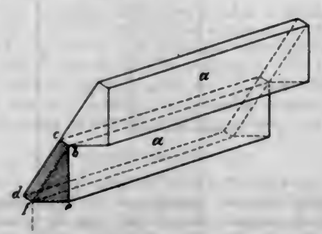
leled to the side bars and threaded on said screws and adapted to be adjusted outwardly or inwardly accordingly as the screws are turned in one direction or the other.

1,621,177. LOOM TEMPLE ROLL. WALLACE I. STIMPSON, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Aug. 14, 1926. Serial No. 129,122. 5 Claims. (Cl. 139—296.)



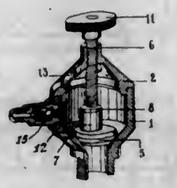
1. A loom temple roll, the periphery of which presents alternating ribs and grooves and pointed pins embedded radially in the roll and spaced centrally along the grooves with the points projecting sufficiently to engage the fabric when pressed against the roll periphery, the grooves being of a width sufficiently greater than the diameter of the pin shanks to enable the ribs to engage the fabric independently of the pin points whereby, when the roll is functioning, both the pin points and the ribs act to hold the fabric.

1,621,178. ROOF-TILE BEAM FOR TOY STRUCTURES. OTTO H. STRUB, Rudolstadt, Germany, assignor to the Firm F. Ad. Richter & Cie. A. G., Baukastenfabrik, Rudolstadt, Thuringia, Germany. Filed Aug. 10, 1923, Serial No. 656,718, and in Germany Dec. 27, 1922. 1 Claim. (Cl. 46—35.)



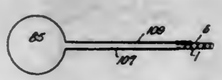
A toy building block roof comprising a plurality of bars conforming to the length of the roof, said bars each presenting in cross section an unequal sided right angle triangle, and said bars being arranged so that the sides of the parallelogram constitute the thrust surface of the roof.

1,621,179. AUTOMATIC INFLATER ARRANGED ON AND ACTUATED BY INTERNAL-COMBUSTION ENGINES. HENRI SUBLEMONT, Verviers, Belgium. Filed Dec. 23, 1924, Serial No. 757,752, and in Belgium Dec. 29, 1923. 3 Claims. (Cl. 277—61.)



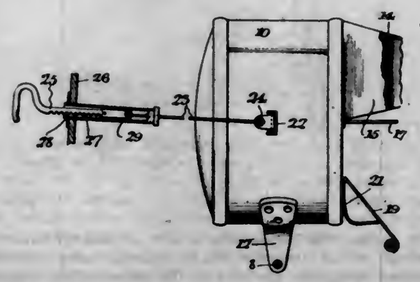
1. An automatic inflater to be arranged on and actuated by internal combustion engines, comprising, a housing, an admission port for communication with the upper part of a cylinder of an engine and an inlet port open to atmosphere, positioned in the housing, in line, and in the lower and upper parts of the housing respectively, a delivery port in the side of the housing, a non-return valve controlling the delivery port, and a single valve positioned in the housing for controlling the said admission and inlet ports.

1,621,180. ELECTROMAGNETIC APPARATUS FOR RECORDING SOUND. ADRIAN FRANCIS SYKES, New Barnet, England. Filed Aug. 16, 1926, Serial No. 129,612, and in Great Britain June 22, 1925. 5 Claims. (Cl. 179—100.1.)



1. An electro-dynamic sound recording device comprising a stylus, a working conductor in operative connection with the said stylus, a compensating conductor in series with the working conductor, a floating beam carrying the said conductors, and means for producing a magnetic field, both conductors being immersed in the said field and in parts of the field of substantially the same strength.

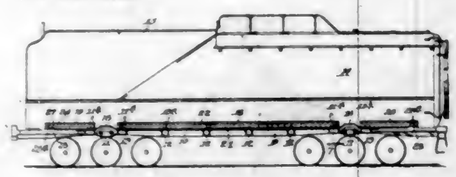
1,621,181. HEADLIGHT SHIELD. FRANK J. TOPPINO, Clifton Forge, Va. Filed June 12, 1926. Serial No. 115,567. 2 Claims. (Cl. 240—45.6.)



1. In a device of the character described, a horizontally disposed supporting shaft, lamps mounted for pivotal movement on the supporting shaft, shields pivotally supported in front of the lamps and having their forward

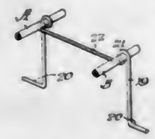
edges resting against the forward edges of the lamps, means for tilting the lamps, and said shields adapted to move over the forward portions of the lamps to shield the forward portions of the lamps when the lamps are tilted.

1,621,182. TANK-EQUIPPED VEHICLE. ROBERT R. WEAVER, Chicago, Ill., assignor to General American Tank Car Corporation, a Corporation of West Virginia. Filed Aug. 20, 1926. Serial No. 130,455. 8 Claims. (Cl. 105—236.)



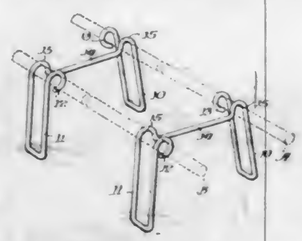
1. A tank-equipped vehicle comprising an underframe, a tank on said underframe, and a member extending along a side of the tank throughout the greater portion of the length of the latter and located laterally remote from the central portion of the underframe, and rigidly connected with both said tank and underframe and serving to reenforce the tank and anchor it to the underframe.

1,621,183. TWIN CHAIR. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Company, Chicago, Ill., a Corporation of Delaware. Filed July 26, 1926. Serial No. 124,973. 2 Claims. (Cl. 94—8.)



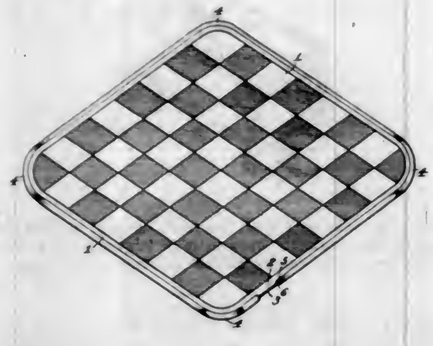
1. Means for holding a pair of parallel bars in spaced apart relation, comprising a length of wire bent to provide a connecting member the ends of which underlie said bars, the terminal portions of the wire composing the connecting member being rebent and then bent around said bars and thence downwardly to provide supporting legs.

1,621,184. TWIN-BAR SUPPORT. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Company, Chicago, Ill., a Corporation of Delaware. Filed July 26, 1926. Serial No. 124,974. 7 Claims. (Cl. 94—8.)



7. A chair for supporting a pair of parallel bars consisting of an inverted channel-shaped wire structure adapted to engage the bars at the angles of the channel, the connecting member of the structure being composed of a single wire, the wires composing the legs of the structure being bent around the respective bars to permanently secure the chair to the bars.

1,621,185. GAME BOARD. BENJAMIN E. BAIN, Pittsburgh, Pa. Original application filed Jan. 24, 1924, Serial No. 688,252. Divided and this application filed Dec. 15, 1924. Serial No. 756,020. 6 Claims. (Cl. 273—136.)



1. As a new article of manufacture, a game board having playing surfaces on opposite sides thereof, and constructed of a single sheet of metal having its marginal edges formed to produce margins raised above the opposite sides.

1,621,186. BOWEL EVACUANT. LEON BARON, Brooklyn, N. Y. Filed Nov. 12, 1926. Serial No. 148,109. 6 Claims. (Cl. 167—7.)

6. A process of producing a bowel evacuant for rectal injection comprising dissolving a gelatinous thickening agent in water, dispersing ox gall therein, and adding the resulting mixture to glycerine to form a semi-liquid or syrupy mass.

1,621,187. BOTTLE CLOSURE. EVA R. BARTLETT, Pasadena, Calif. Filed Dec. 23, 1924. Serial No. 757,633. 7 Claims. (Cl. 215—100.)

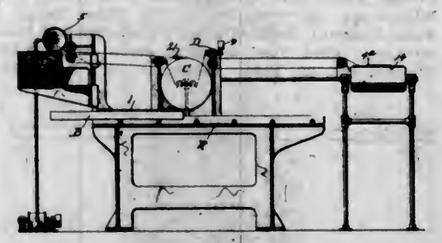


1. A bottle closure comprising an imperforate cap adapted to be secured about the neck of a bottle, a member secured to said cap and extending downwardly within the neck of said bottle when said cap is in applied position, said member presenting a dished surface adjacent its lower end.

1,621,188. PROCESS OF PICKLING FRUIT, ETC. JOHN W. BECKMAN, Oakland, Calif., assignor of sixty per cent to George C. Roeding, Piedmont, Calif. Filed Dec. 8, 1925. Serial No. 74,176. 5 Claims. (Cl. 99—1.)

5. The process of pickling and preserving olives, consisting of opening the pores thereof by treating with a caustic solution, thereafter treating the fruit with a dilute acid, such as hydrochloric acid, which is highly dissociated when diluted, and thereafter treating the fruit to eliminate the hydrochloric acid present therein.

1,621,189. APPARATUS FOR PRINTING AND ASSEMBLING MANIFOLDING BOOKS, PADS, ETC. HORACE P. BROWN, Oakland, Calif. Filed May 14, 1923. Serial No. 638,843. 2 Claims. (Cl. 270—1.)



1. In a printing press of the character described, a cylinder, a bed reciprocally mounted with relation thereto, a plurality of paper feeders mounted adjacent the cylinder, said feeders cooperating therewith and adapted to deliver a plurality of paper sheets in unison, a plurality of type forms carried by the bed, one for each feeding device to permit the plural sheets to be printed in unison and to permit the printed sheets to be discharged in unison, and an endless carrier mounted adjacent the discharge end of the press, said carrier having a continuous movement and the rate of movement being such that the sheets will advance a distance equal to the distance between the type forms carried by the bed during each printing operation.

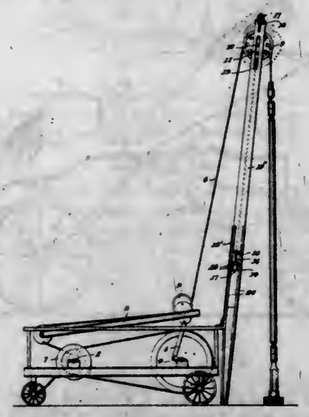
1,621,190. PRECISION CONTRAANGLE PIECE. RAY W. BROWN, Los Angeles, Calif., assignor to The Mechanical Appliances Co., Los Angeles, Calif. Filed Apr. 19, 1926. Serial No. 103,053. 7 Claims. (Cl. 32—11.)



1. A contra-angle hand piece having a housing with a side chamber for a drive means, a barrel in the housing and having a closed end provided with an inside, end thrust seat, a driven box journalled in the barrel and bearing endwise against said seat, a contractive collet in said box for holding an inserted dental tool, and means attached to said box for contracting the collet.

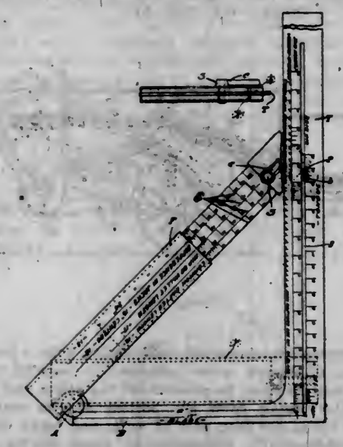
1,621,101. WIRE-CABLE WELL-DRILLING DEVICE. FRANCIS FALCONER DAVIS, San Rafael, Calif., assignor to Francis Harley Davis, San Rafael, Calif. Filed Dec. 19, 1924. Serial No. 756,936. 13 Claims. (Cl. 255—16.)

1. In a well drilling machine of the kind described provided with a derrick-like structure, an elastic cable member supported by the free upper end of structure, a revoluble crown sheave mounted in the derrick-structure beneath said elastic member and adapted for up and down movement between prescribed limits, a rigid spacing means extending from the crown sheave downward toward the lower part of the elastic member, adjustable



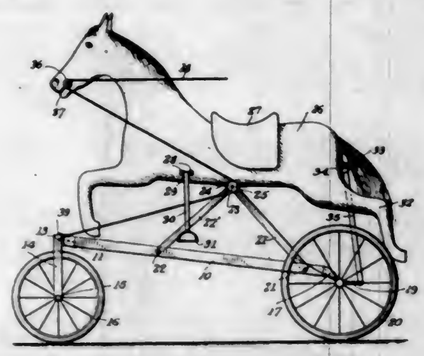
regulative means engaging said spacing means with said elastic member for suitably tensing the latter according to requirements when drilling with wire cable, the relative arrangement of parts being such that downward movement of the crown sheave produces downward extension of the elastic cable, and vice versa.

1,621,192. COMBINATION SQUARE AND BEVEL. RHOS ABIJAH DYKE, Myrtle Point, Oreg. Filed June 7, 1924. Serial No. 718,621. 2 Claims. (Cl. 33—92.)



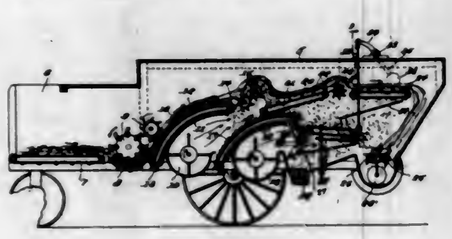
1. A combination square having two legs forming a right angle, an extendible fence pivoted at one end to the free end of the first leg and with the other end engaging the second leg, and being slidable therealong, there being a line of graduations along the second leg having proportionate relation to roof timber rises, the distance from said line of graduations to the pivotal point taken along the first leg having the same proportionate relation to the roof timber runs, and the extendible fence having graduations registering in similar terms quantities depending upon the angular relation of the fence to the legs.

1,621,193. ROCKING-HORSE. FRANZ EICHHORST, Treptow-on-the-Rega, Germany, assignor of one-half to Fritz Schmekel, Mount Clemens, Mich. Filed Sept. 7, 1926. Serial No. 133,834. 1 Claim. (Cl. 208—42.)



A rocking horse comprising a V-shaped frame, a cross bar pivoted to said frame, said bar carrying a steering wheel, a cranked shaft journalled in the arms of said frame, a pair of wheels fixed on said shaft, a body pivotally mounted on said frame, a link pivoted to said body, said link being pivotally connected to said cranked shaft, a plurality of pulleys mounted on said body and supports extending upwardly from said frame, and reins trained over said pulleys and fixed to said cross-bar, by which the said horse is moved forwardly and steered.

1,621,194. THRASHING MACHINE. FREDRICK L. ELDER, Dayton, Wash. Filed Aug. 5, 1924. Serial No. 730,277. 1 Claim. (Cl. 130—21.)

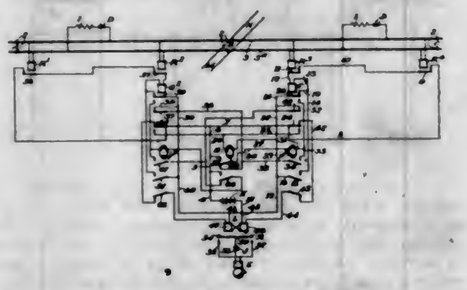


In a thrashing machine, the combination with a screening means, of curved walls arranged in parallel pairs with one pair disposed in advance of the other and both of the pairs rising from the bottom of the machine an endless apron for each pair of walls and being guided thereby, substantially triangular in cross section ribs transversely secured on each apron, a thrashing cylinder arranged in the path of incoming grain to be thrashed and said cylinder being disposed adjacent the bottom of the apron of the forward pair of walls, a beater co-operating with the thrashing cylinder to receive the grain therefrom, co-acting beaters arranged adjacent the upper end of the last mentioned apron and above the other apron, fans arranged below the aprons said co-acting beaters being adapted to separate the grain from the straw while the last mentioned apron is adapted to receive the separated grain, and said screening means being arranged to receive the grain therefrom.

1,621,195. PROCESS FOR PREPARING A HIGHLY-ACTIVE CHARCOAL. OTTO ERNST and OTTO NICODEMUS, Hochst-on-the-Main, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Filed July 9, 1923, Serial No. 650,541, and in Germany July 15, 1922. 5 Claims. (Cl. 252—3.)

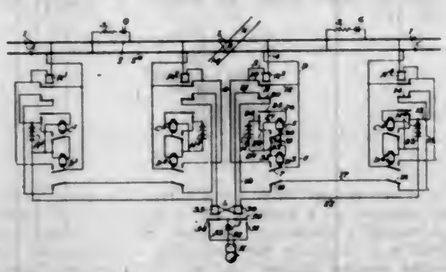
1. In processes for the production of highly active charcoal involving the carbonization of carbonaceous material in the presence of an acid of phosphorus the step which consists in carbonising the impregnated carbonaceous material in the presence of a gas containing free oxygen in quantity sufficient to substantially prevent reduction of the acid of phosphorus.

1,621,196. RAILWAY APPARATUS. ARTHUR W. FISHER, Forest Hills Borough, and WESLEY B. WELLS, Wilkinsburg, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed June 6, 1923, Serial No. 643,766. Renewed Dec. 20, 1926. 18 Claims. (Cl. 246—130.)



1. In combination, two contiguous insulated sections of railway track, a single slow acting relay controlled by traffic conditions in both said sections, two other relays one for each section controlled by said slow acting relay, and an electro-responsive device controlled in part by said other relays.

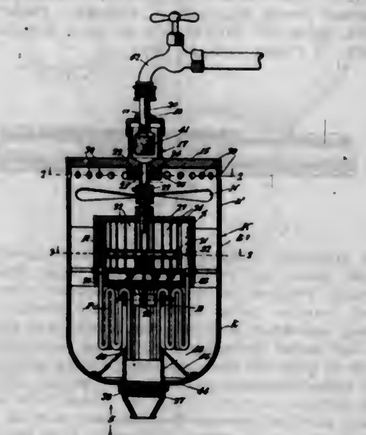
1,621,197. RAILWAY APPARATUS. CLARENCE S. SNAVELY, Pittsburgh, and ARTHUR W. FISHER, Wilkinsburg, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed June 6, 1923. Serial No. 643,767. 26 Claims. (Cl. 246—130.)



1. In combination, a highway, a railway track intersecting said highway and provided with two track sections extending in each direction from the highway, a relay for each section provided with a holding circuit, means responsive to a train in each section for opening the holding circuit for the associated relay, a slow acting relay for each section controlled by the associated relay, a second slow acting relay for each section controlled by the associated first slow acting relay, a pick-up circuit for each of said first relays controlled by the associated second slow acting relay, an interlocking relay having

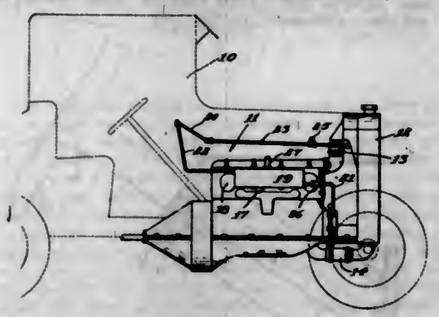
two magnets one for each section, means for controlling each magnet by the first relay and the second slow acting relay of the associated section, and a highway crossing signal controlled by said interlocking relay.

1,621,198. WATER COOLING AND FILTERING APPARATUS. NICOLAS GYMNAITIS, Santa Barbara, Calif. Filed Feb. 24, 1926. Serial No. 90,277. 7. Claims. (Cl. 62—139.)



1. A liquid cooling apparatus adapted to be associated with filtering means, comprising a casing, a water turbine within the casing, means for conducting water to said turbine, coils of porous pipe for receiving water from said turbine, a fan operated by said turbine for creating a movement of air within the casing and around said coils, a discharge spout removably secured in said casing.

1,621,199. HEATER FOR AUTOMOBILES. HERMAN HANSON, Minneapolis, Minn. Filed Dec. 23, 1924. Serial No. 757,777. 3 Claims. (Cl. 237—12.3.)



2. In combination with the water cooling system of an internal combustion engine, a radiator, a feed pipe connecting said cooling system and radiator, a return pipe connecting said radiator and cooling system, an auxiliary heater positioned in said feed pipe and a check valve situated at the inlet of said heater for preventing back flow through said feed pipe.

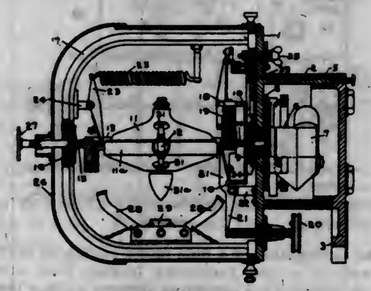
1,621,200. INFANT'S STOCKING. MAUD HEILMAN, Lost Hills, Calif. Filed Aug. 17, 1926. Serial No. 129,694. 2 Claims. (Cl. 2—239.)

1. An infant's stocking having a leg and a foot portion with front and back seams, the inside of the leg portion at the top being substantially straight across the stocking from seam to seam and the outside of the leg portion extending upwardly from the front and back



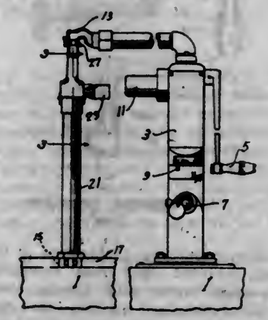
seams to a considerable height above the top of the inner portion, and a binding on the outside upper extension, said binding joining the front and back seams.

1,621,201. FIRE-CONTROL APPARATUS. JAMES BLACKLOCK HENDERSON, Blackheath, England. Original application filed July 26, 1919, Serial No. 313,542, and in Great Britain Nov. 25, 1915. Divided and this application filed Sept. 16, 1924, Serial No. 738,027. Renewed July 28, 1926. 18 Claims. (Cl. 89—28.)



1. In gun-fire control apparatus, an angularly movable frame, a gyroscope pivotally mounted therein and displaceable longitudinally of a pivotal axis of its mounting in the frame, target position indicating means, an electric switch having relatively movable contacts, actuating mechanism for said switch under the joint control of said frame and gyroscope and an adjusting connection operable by displacement of said gyroscope to adjust said target position indicating means and the switch contacts.

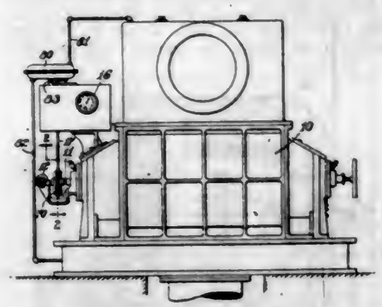
1,621,202. MECHANICAL APPARATUS. SHERWOOD HINDS, Richmond Heights, Mo., assignor to St. Louis Pump & Equipment Company, St. Louis, Mo., a Corporation of Missouri. Filed Feb. 27, 1922. Serial No. 539,564. 6 Claims. (Cl. 221—72.)



1. In apparatus of the class described, in combination, a receptacle for the storage of liquid, a supply aperture therefor, a cover for said aperture, a pump adapted to discharge liquid from said receptacle, a nozzle on said

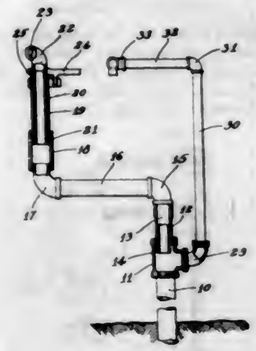
pump through which said liquid is discharged, the nozzle being located at a higher elevation than said aperture, a drip pipe extending up from the cover having a hinged portion adapted for engagement with said nozzle, said hinged portion swinging vertically on a horizontal pin on said pipe, and means for locking the hinged portion of the pipe when said portion is engaged with said nozzle to prevent the cover from being opened, the pipe when in such locking position serving to convey back to the tank any liquid that is discharged from the nozzle.

1,621,203. PRESSURE TEMPERATURE COMPENSATOR AND SLIP INTEGRATOR FOR METERS. CARL R. HOUGHTON, Connersville, Ind., assignor to The Connersville Blower Co., Connersville, Ind., a Corporation of Indiana. Filed Aug. 31, 1925. Serial No. 53,545. 15 Claims. (Cl. 73—167.)



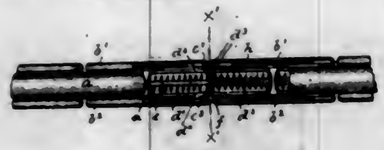
1. The combination of a fluid meter having an inlet and outlet and of a type permitting leakage from inlet to outlet, an indicator for indicating volumes passing through the meter, a driving train dependant upon meter movement for actuating said indicator, a second driving train connected with said indicator, and means for driving said second driving train in accordance with leakage flow through said meter.

1,621,204. SPRINKLER. CHARLES F. HUMPHREY, Pasadena, Calif. Filed Dec. 23, 1924. Serial No. 757,638. 5 Claims. (Cl. 299—71.)



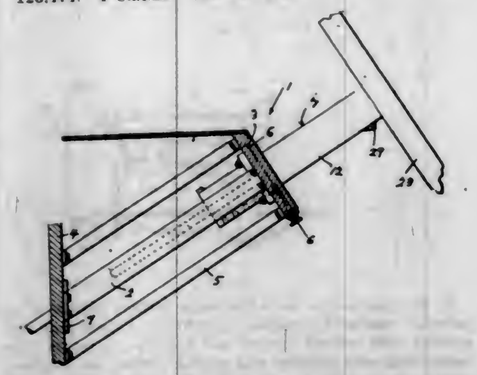
1. A sprinkler comprising a standard, a tubular member rotatably mounted upon said standard, a nozzle rotatably mounted upon said tubular member, said nozzle being rotatable about an axis other than the axis of rotation of said tubular member and being disposed to discharge a stream in a direction other than parallel to the axis of rotation of said tubular member, means for supplying fluid to the interior of said tubular member so as to be discharged through said nozzle, an arm carried by said nozzle, and stops mounted upon the standard engageable by said arm whereby upon the discharge of fluid through said nozzle the tubular member will be caused to swing upon said standard until said arm engages upon one of said stops, and thereupon the nozzle will be partially rotated so as to produce movement of said tubular member in the opposite direction until the other stop is engaged.

1,621,205. EXPANDING BRACELET. FRANK JONES and ERNEST JONES, Birmingham, England. Filed Jan. 31, 1923, Serial No. 616,146, and in Great Britain Feb. 3, 1922. 1 Claim. (Cl. 59—79.)



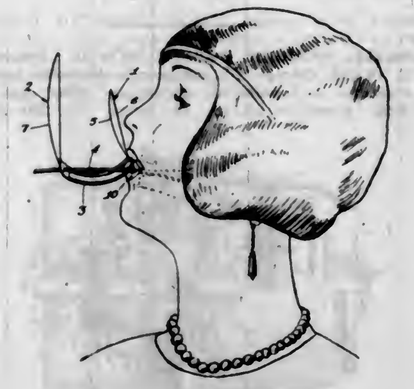
An expanding bracelet comprising interconnected pairs of side plates and center links, the center links being interposed between the members of adjacent pairs of side plates, cranked spring abutment slides having portions slidably interfitted with the side plates, said side plates and said spring abutment slides having cooperating guide means to hold the slides against twisting and constrain them to proper movement, said slides having spring abutment portions located within the center links and connecting portions between the abutment portions and the guide means of the slides, said center links having slots accommodating the connecting portions, springs abutting the abutment portions of the slides and the ends of the center links, and a fixed guide wire extending axially through each center link and through the springs therein, said abutment portions having openings larger than the wires and through which the wires extend loosely whereby the guide wires serve solely for the purpose of locating and maintaining the springs in correct relationship to their abutments.

1,621,206. STEERING DEVICE. ALEXANDER KACZIBA, San Antonio, Tex. Filed July 19, 1926. Serial No. 123,474. 4 Claims. (Cl. 74—39.)



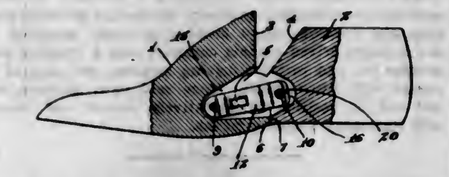
1. In a steering device of the class described, an extensible steering column including a stationary lower section and a slidable upper section disposed over the lower section, an extensible steering post adapted for rotation within said steering column; a steering wheel secured on the upper end of the steering post, and means for adjustably securing the steering post in any extended position, said means comprising a latch, the slidable section of said extensible steering column being provided with spaced recesses for cooperation with said latch.

1,621,207. VOICE PLACER. EVA KELLER, Pasadena, Calif. Filed Oct. 27, 1925. Serial No. 65,119. 13 Claims. (Cl. 84—466.)



1. A voice placer comprising in combination a frame, a front sound reacting plate adapted to touch the front teeth near its lower edge, and a rear reflecting plate positioned to receive the sound waves from the mouth.

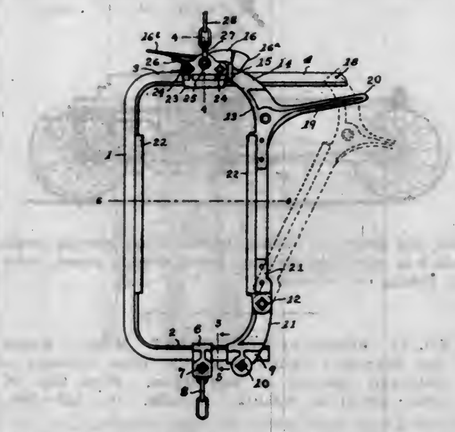
1,621,208. PROCESS OF ASSEMBLING LASTS. WALTER A. KRENTLER, Detroit, Mich., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 8, 1925. Serial No. 74,165. 1 Claim. (Cl. 12—136.)



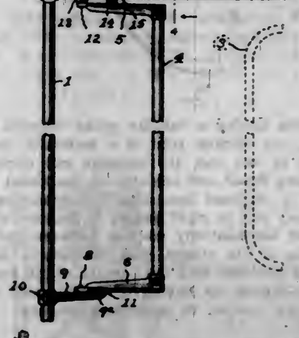
The improved process of assembling two part lasts having a single connecting spring member, which consists in providing a spring member with an edge portion positioned toward the line of driving of the assembling pin in advance of a recess in said member to receive the connecting pin, uniting the single spring member and the other last part, proportioning the said single spring member and the connecting pin positions to predetermine the extent of resiliency applied to the spring and last members when completely assembled, then providing a conically pointed pin, driving the same so that said conical point will first engage the said extending portion of the spring, and completing the assembling and spring tension of the last parts by continuing the driving action of the retaining pin.

1,621,209. STANCHION. RUDOLPH J. LANGER, Monticello, Iowa, assignor, by mesne assignments, to Franklin Equipment Company, Monticello, Iowa, a Corporation of Iowa. Filed Nov. 21, 1925. Serial No. 70,451. 6 Claims. (Cl. 119—147.)

1. A stanchion including a main frame formed with a fixed side and laterally projecting top and bottom bars which are rigid with the fixed side, a slide adjustably mounted on the bottom bar, an upwardly extending hinge arm projecting from the slide, a swinging side pivotally mounted on the hinge arm, a slide adjustably mounted on the top bar, a rigid arm projecting upwardly from the swinging side, and latch means carried by the slide on the top bar to overhang the arm at the upper end of the swinging side to hold the swinging side in a closed position.



1,621,210. STOP BAR. RUDOLPH J. LANGER, Monticello, Iowa, assignor, by mesne assignments, to Franklin Equipment Company, Monticello, Iowa, a Corporation of Iowa. Filed Nov. 21, 1925. Serial No. 70,452. 8 Claims. (Cl. 119—147.)

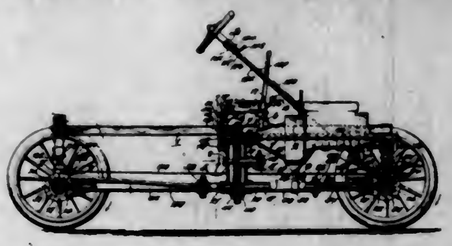


1. A stop bar attachment for stalls having stall posts and a top rail, upper and lower swinging arms, a support from the top rail for the upper arm, a stop bar mounted upon said arms, a stop lug projecting from the upper swinging arm and disposed to engage said rail to limit the swinging movement of the stop bar, a shift bar pivotally mounted upon said stop lug, a lateral bracket projecting from a stall post upon which bracket the lower arm is pivoted, and a stop on said bracket to engage the lower arm.

1,621,211. SELECTIVE FOUR-WHEEL DRIVE AND STEERING AND BRAKE MECHANISM FOR AUTOMOBILES. RICHARD H. LEWIS, Riverdale, Md. Filed Feb. 20, 1923. Serial No. 620,193. 17 Claims. (Cl. 180—45.)

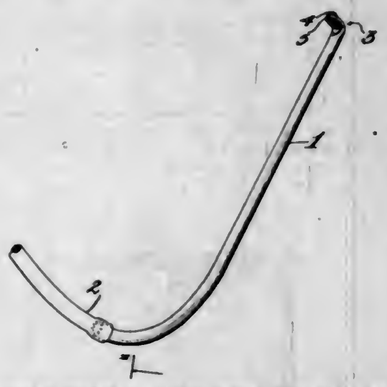
1. In an automobile, a four wheel drive mechanism, a steering means for the front wheels, and means operative-

ly connected with said front wheel steering means for steering the rear wheel selectively to the right or the



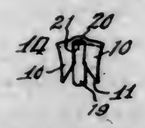
left, and means for locking the rear wheel steering means which in turn locks the front wheel steering means, thereby locking the automobile.

1,621,212. SURGICAL INSTRUMENT. MARK C. MYERS, San Francisco, Calif.; Mercantile Trust Company of California executor of said Myers. Filed Dec. 26, 1922. Serial No. 609,012. 1 Claim. (Cl. 128—304.)



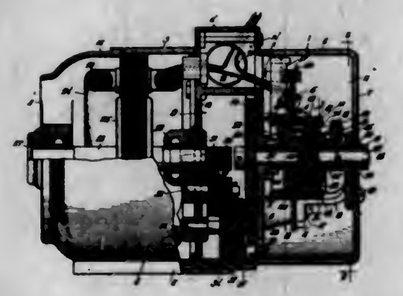
A curette having a tubular shank adapted to be connected to the suction tube of a manually operable suction bulb at one end, the opposite end portion of said shank being flared and one side of the flared portion cut away on a diagonal line with the remaining side bent transversely and at right angles to the axis of the shank at a point substantially midway between the outer and inner ends of the sloped edge, whereby a flared intake opening is provided into the tubular shank together with a concavo-convex lip having a rounder side disposed in overhanging relation to the intake opening.

1,621,213. METALLIC FASTENER OR JAMB NAIL. GUSTAF OLSON, Chicago, Ill., assignor to Eric J. Strand, Chicago, Ill. Filed May 22, 1926. Serial No. 110,987. 4 Claims. (Cl. 85—11.)



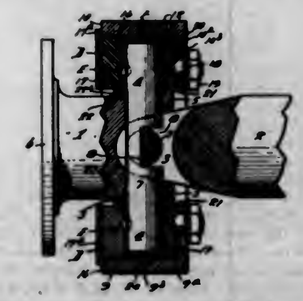
1. In a metallic fastener of the class described, the combination of a metallic main body portion and a pair of pointed prongs disposed at an angle with respect to said main body portion and all formed in one integral piece, the bases of said prongs being at the apex of said angle and spaced apart, and an arched portion integral with the bases of said prongs and normally projecting outward and adapted to be depressed and held in wedge-like engagement with and between said bases of said prongs, and acting to spread and tend to hold apart the pointed ends of said prongs.

1,621,214. PERIODIC ROTARY SWITCH. WALDEMAR N. OLSON, Chicago, Ill., assignor to Reynolds Electric Company, a Corporation of Illinois. Filed Apr. 22, 1925. Serial No. 25,175. 16 Claims. (Cl. 200—24.)



10. In an electric circuit controller of the class described, the combination of a rotative driving member, a rotative driven contact member having suitably insulated electrically conductive contact portions, stationary electrically conductive brush members adapted to operatively engage said electrically conductive contact portions of the driven contact member, resilient means connected with and forming an operative connection between said rotative driving member and said driven contact member and adapted to permit the driven contact member to rotate at a speed which varies with respect to the speed of rotation of the rotative driving member, stationary stopping means comprising a plurality of stops mounted on a suitable stationary support, a movable stopping and releasing pawl member pivotally mounted on the rotative driven contact member, and a rotative cam member on said rotative driving member and adapted to engage and automatically move said pawl member into and out of position to operatively engage and release said stationary stopping means.

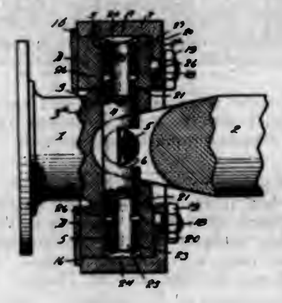
1,621,215. UNIVERSAL JOINT. FREDERICK W. PETERS, Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed Dec. 10, 1923. Serial No. 679,596. 29 Claims. (Cl. 64—102.)



1. In a universal joint, the combination, with a driving and a driven member and trunnions carried thereby, of a connecting member having seats extending inwardly from one side thereof for the trunnions of one of the first two members and seats extending inwardly from the opposite side thereof for the trunnions of the

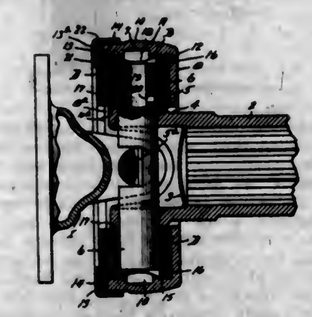
other of such members, bearing blocks adapted to receive said trunnions and to fit within the seats provided therefor, and means for securing the said blocks in said seats.

1,621,216. UNIVERSAL JOINT. FREDERICK W. PETERS, Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed May 1, 1924. Serial No. 710,207. 11 Claims. (Cl. 64—102.)



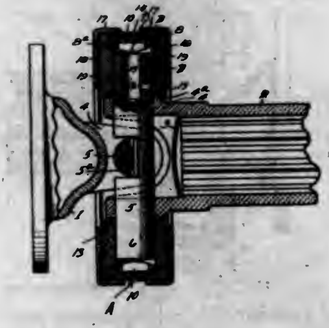
1. In a universal joint, the combination, with a driving and a driven member and trunnions carried thereby, of a connecting ring having seats for said trunnions and lubricant chambers between said seats, adjacent chambers communicating by passages extending through said seats beyond the ends of the trunnions, each trunnion having a bore in the outer end thereof and provided with one or more ports extending laterally from the bore adjacent the bottom thereof to the seat in which said trunnion is mounted.

1,621,217. UNIVERSAL JOINT. FREDERICK W. PETERS, Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed Apr. 22, 1925. Serial No. 24,925. 12 Claims. (Cl. 64—102.)



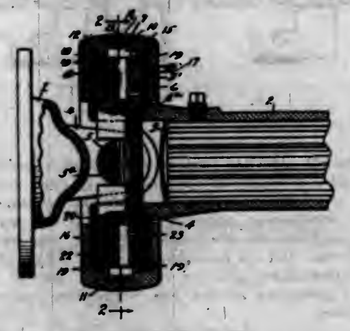
1. In a universal joint, the combination, with a driving and a driven member and trunnions carried thereby, of a hollow lubricant-containing connecting ring for said trunnions, the said ring having seats extending transversely thereof from one side toward and terminating short of the opposite side, bearing blocks for said trunnions adapted to be inserted in said seats, each bearing block having a flange at the outer end thereof with a washer interposed between said flange and the adjacent face of said ring, a washer interposed between the opposite end of each bearing block and the bottom of the seat therefor, and means for securing said blocks in place within said ring.

1,621,218. UNIVERSAL JOINT. FREDERICK W. PETERS, Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed Apr. 22, 1925. Serial No. 24,927. 7 Claims. (Cl. 64—102.)



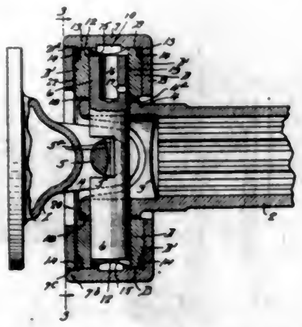
1. In a universal joint, the combination, with a driving and a driven member and trunnions carried thereby, of a hollow lubricant-containing connecting ring for said trunnions, the said ring having seats extending transversely therethrough, bearing blocks for said trunnions adapted to be inserted in said seats, a clamping ring adjustably mounted upon each side of the outer face of the said ring and each such ring having a radially inwardly extending flange adapted to overhang the ends of the bearing blocks, and packing means covering the joints between the ends of said blocks and the cooperating ends of said seats and interposed between such ends and the flange on the clamping ring adjacent thereto.

1,621,219. UNIVERSAL JOINT. FREDERICK W. PETERS, Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed Apr. 22, 1925. Serial No. 24,928. 12 Claims. (Cl. 64—102.)



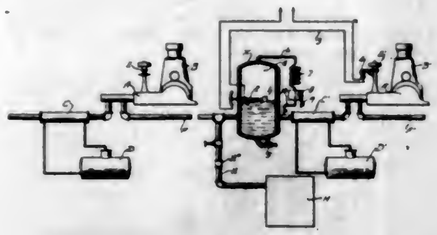
1. In a universal joint, the combination, with a driving and a driven member and trunnions carried thereby, of a hollow lubricant-containing connecting ring for said trunnions, the said ring having seats extending transversely thereof and located entirely within the sides of said ring, bearing blocks for said trunnions within said seats and entirely within the sides of said ring, the seats intersecting the inner wall of the ring, and packing means interposed between opposite end portions of each block and the surfaces of the seats adjacent thereto.

1,621,220. UNIVERSAL JOINT. FREDERICK W. PETERS, Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed Sept. 16, 1925. Serial No. 56,642. 15 Claims. (Cl. 64—102.)



1. In a universal joint, the combination with a driving and a driven member and trunnions carried thereby, of a hollow lubricant-containing connecting ring for said trunnions, the said ring having seats extending transversely thereof from and through one side toward and terminating short of the opposite side, bearing blocks for said trunnions in said seats, packing material interposed between the inner end of each bearing block and the bottom of the seat therefor, a clamping ring adjustably mounted on the opposite end of the ring from the bottoms of said seats, and packing material interposed between the outer end of each bearing block and said ring.

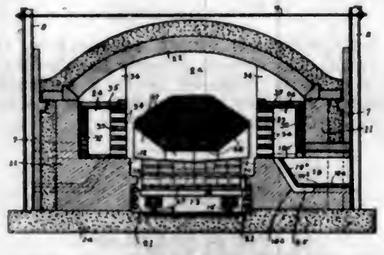
1,621,221. OIL-PIPE-LINE SYSTEM. GEORGE D. POGUE, Mount Vernon, N. Y. Filed Jan. 20, 1923. Serial No. 613,912. 24 Claims. (Cl. 137—78.)



1. An oil pipe line system, comprising a receiving station and a plurality of intermediate stations arranged in series and combined in such a way as to form a practically continuous passageway for the oil while it is traveling from the receiving station to the terminus of the system, and an emergency storage means at each of said intermediate stations into which the oil traveling from a preceding station can be diverted under certain conditions.

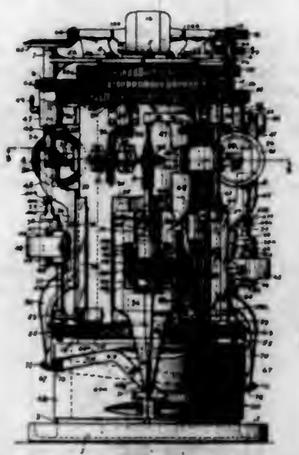
1,621,222. APPARATUS FOR BURNING OR CALCINING MATERIALS. HARRY M. ROBERTSON, Lakewood, Ohio. Filed June 20, 1925. Serial No. 38,589. 14 Claims. (Cl. 222—3.)

1. In a tunnel kiln for calcining material, the combination of a pre-heating section and a burning section, the burning section comprising an elongated central portion through which material is conveyed and a plurality of secondary combustion chambers disposed in each side wall of the burning section and opening into the said central portion from end to end thereof, a plurality of primary combustion chambers disposed within the side walls of said burning section and having exit openings



leading into the lower portion of said secondary chambers, air inlets for the latter chambers, and means for conveying material through said sections.

1,621,223. MACHINE FOR HOBBING GEARS, SHAFTS, AND OTHER ARTICLES. CHARLES H. SCHUHR, Cleveland, Ohio, assignor to The Lees-Bradner Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 6, 1923. Serial No. 666,933. 19 Claims. (Cl. 90—4.)

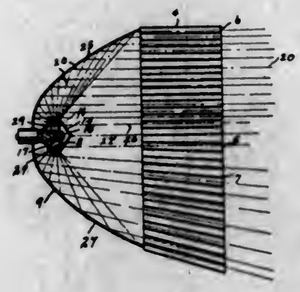


10. In an apparatus of the class described, the combination of a main support, a hobbing mechanism, means for moving the hobbing mechanism upon the main support in a closed path of movement, said hobbing mechanism comprising a hob spindle and a work spindle, means for rotating the hob and work spindles at a relative velocity ratio suitable for hobbing, and means for otherwise moving one of said spindles relative to the other with a hob feeding movement.

18. In an apparatus of the class described, the combination of a main support, a hobbing mechanism, means for moving the hobbing mechanism upon the main support in a closed path of movement, said hobbing mechanism comprising a hob spindle and a work spindle, means for rotating the hob and work spindles at a relative velocity ratio suitable for hobbing, and means for causing a hob feeding relative movement between the spindles.

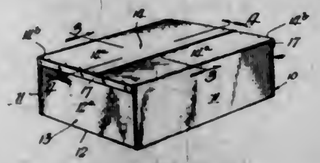
1,621,224. HEADLIGHT. CLARENCE N. SCOTT, Houston, Tex. Filed June 8, 1925. Serial No. 35,515. 1 Claim. (Cl. 240—48.4.)

A headlight including a reflector, a filament of substantially circular form, disposed cross wise with respect to the axis of the reflector and having its center on said axis, a series of non-reflecting radial shields disposed across the path of the filament so as to obstruct



the rays of light emitted from said filament in a tangential direction, a non-reflecting shield arranged within the circle of the filament and a cellular shield having light passageways arranged in front of the reflector.

1,621,225. BOX. HARRISON B. WALTER, Chicago, Ill., assignor, by mesne assignments, to Container Corporation of America, Chicago, Ill., a Corporation of Delaware. Filed Apr. 13, 1922. Serial No. 552,342. 1 Claim. (Cl. 229—43.)



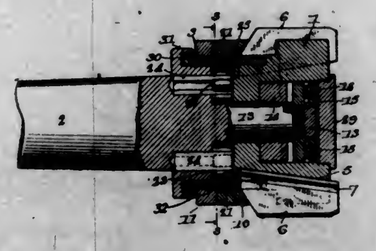
A box made of a single blank of fibre or paper board, the blank being cut and creased to provide a bottom wall, two side walls and two top closure flaps adapted to overlap along a median line of the box, the bottom wall having end extensions to provide ends of the full depth and width of the box, and the side walls having end extensions which are folded against the end walls to substantially cover said end walls, and wood cleats, a pair for each end of the box, embracing the extensions forming the end of the box between them and being stapled thereto, said wood cleats extending the full width of the box and the top closure flaps of the box being folded down upon said wood cleats and nailed to the composite seats thus provided.

1,621,226. MILLING CUTTER. SEBASTIAN J. WELTER, Chicago, Ill., assignor to Armstrong Bros. Tool Co., Chicago, Ill., a Corporation of Illinois. Filed Sept. 19, 1923. Serial No. 663,554. 4 Claims. (Cl. 76—101.)



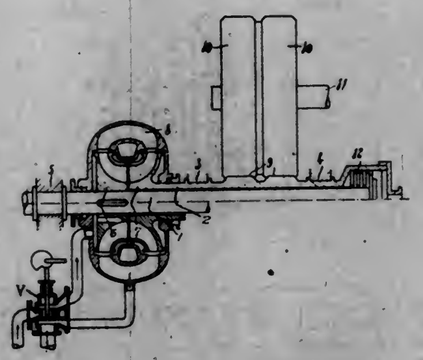
1. The method of making a milling cutter and maintaining a uniform cutting width thereon which consists in pressing into transverse slots on an annular body, teeth having opposed lateral cutting edges and having serrations extending in the direction of said insertion thus cutting mating serrations in the walls of said slots adjacent said serrations, in deforming portions of said body between adjacent slots to press the walls thereof against the respective blades, and in subsequently transversely displacing certain of said blades in their respective slots offsetting them from the others of said blades to compensate for the lessening of the width of cutter in resharpening.

1,621,227. REAMER. CHARLES P. WETMORE, Milwaukee, Wis., assignor to Wetmore Reamer Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed June 21, 1921. Serial No. 479,356. 13 Claims. (Cl. 279—16.)



8. In a reamer, a hollow head provided with a partition intermediate the ends thereof to form recesses on either side of said partition, said partition being provided with a central opening connecting said recesses, an arbor having one end thereof fitted into one of said recesses and provided with a stem extending through said opening into the other of said recesses, and means applied to the end of said stem for holding said head and arbor in assembled relation.

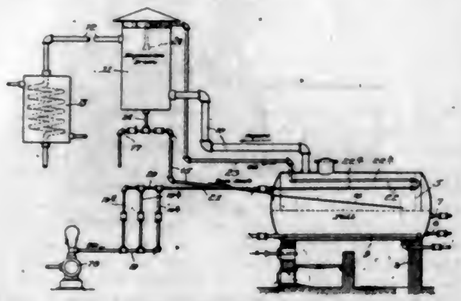
1,621,228. REVERSIBLE POWER-TRANSMISSION DEVICE. OSCAR ANTON WIBERG, Finspong, Sweden. Filed Jan. 5, 1923. Serial No. 610,896, and in Sweden Jan. 2, 1922. 2 Claims. (Cl. 60—54.)



1. In a power transmission device the combination with a driving shaft, of a driving hydraulic transmission element on said driving shaft at an intermediate point thereof, laminated friction clutch elements at one end of said shaft, a hollow shaft surrounding concentrically

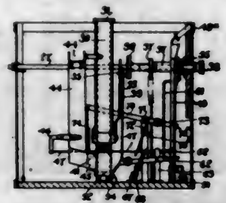
said driving shaft from said end thereof to said transmission element, laminated friction clutch elements at one end of said hollow shaft engaging alternately between said first mentioned laminated friction clutch elements, a driven hydraulic transmission element on the opposite end of said hollow shaft, adapted for operation in the opposite direction to said driving elements, a distributor between said hydraulic transmission elements, and mechanical gear elements on said hollow shaft intermediate between its ends.

1,621,229. ART OF DISTILLATION. DAVID MOYES ALLAN, Halifax, Nova Scotia, Canada, assignor to Standard Development Company, a Corporation of Delaware. Filed Jan. 5, 1922, Serial No. 527,110, and in Canada Feb. 20, 1923. 3 Claims. (Cl. 196—5.)



3. In apparatus for the distillation of oil, a still, an expansion chamber, a vapor line passing from the still to the expansion chamber, means for returning condensate from the expansion chamber to the still, means for heating moisture containing oil by the vapors before they proceed to the expansion chamber, and means for feeding the heated moisture-containing oil into said extension chamber.

1,621,230. AUTOMATIC COIN-OPERATED MACHINE. GEORGE RICHARD BARR, Hackney, London, England. Filed Aug. 12, 1922, Serial No. 581,403, and in Great Britain Nov. 22, 1921. 8 Claims. (Cl. 194—30.)



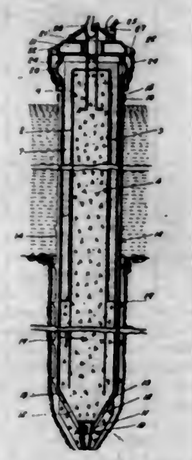
1. A coin operated machine for playing games by means of a ball, said machine being provided with a playing surface and means to project a ball on to said surface, two separate coin chutes, a series of playing balls mounted in pile formation beneath said playing surface, a rotatable shaft, a member beneath said pile of balls connected to said shaft by link mechanism, so as to raise the pile of balls and deliver the uppermost ball on to the playing surface when said shaft is rotated, and means associated with said coin chutes whereby the rotatable shaft is released for manual rotation on the passage of coins through said chutes.

1,621,231. PAPER DOLL. MATTIE THAYER BABINGER, Kansas City, Mo. Filed Mar. 5, 1926. Serial No. 92,454. 1 Claim. (Cl. 46—40.)



A device for fastening dress members to a paper doll body member, comprising tapering tongues slit from said members and arranged to taper oppositely to permit each tongue to enter between the other tongue and the member carrying the same.

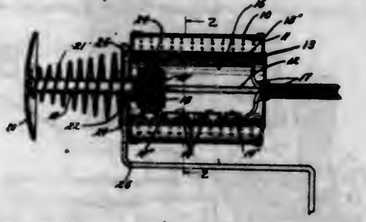
1,621,232. PILE. EDWARD BIGNELL, Lincoln, Nebr., assignor to Concrete Piling Co., Seward, Nebr., a Corporation of Nebraska. Filed Apr. 2, 1923. Serial No. 629,446. 5 Claims. (Cl. 61—80.)



2. A pile having a toe portion with radial, downwardly inclined passageways surrounding a nozzle chamber with which they communicate, in combination with a submerging frame comprising a plurality of detachbale pipes adapted to surround the pile and discharge into the passageways, a manifold for the supply pipes, and flexible connections between the manifold and the pipes.

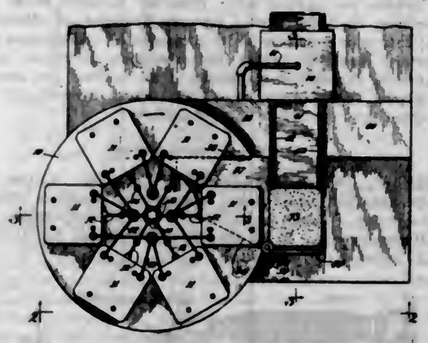
1,621,233. CONTROLLING DEVICE. HARRY E. CAMPBELL, Milwaukee, Wis., assignor to Union Electric Manufacturing Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 7, 1924. Serial No. 684,904. 4 Claims. (Cl. 201—62.)

4. A controlling device for electric circuits comprising a tubular insulating member; a resistance element carried upon the outer surface of said member; an elongated contact member mounted within said tubular member, having portions embedded therein; a row of aligned contact members mounted within said tubular member in spaced relation to said elongated contact member, each of said aligned contacts comprising a



staple-like element, the prongs of which are embedded in and pass through said insulating member, and are conductively connected to said resistance element at separated points; a movable contact member in engagement with said elongated and aligned contact members; and means for actuating said movable contact member.

1,621,234. TOASTING MACHINE AND THE LIKE. CHARLES E. CARPENTER, Chicago, Ill. Filed Oct. 29, 1925. Serial No. 65,519. 8 Claims. (Cl. 126—41.)



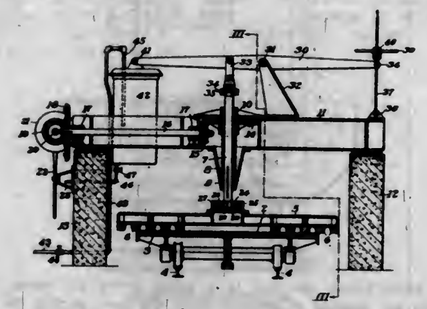
8. In a machine of the class described, the combination of a smooth plane carrier surface, means for heating the same, a series of flat paddles traveling with said carrier surface and movable vertically with respect to the same, said paddles being plane throughout their working surfaces, means for heating the individual paddles, and means for introducing articles to be treated edge-wise between the carrier surface and the individual paddles in timed relationship with respect to the carrier travel, substantially as described.

1,621,235. MANUFACTURING PROCESS OF BLANKS FOR WATCH MOVEMENTS. HENRI COLOMB, Tavannes, Switzerland. Filed Oct. 5, 1922, Serial No. 592,641, and in Switzerland Mar. 6, 1922. 6 Claims. (Cl. 29—177.)



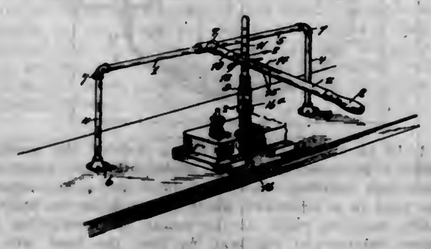
1. A process for making a bridge and plate of a watch movement which consists in first shaping the bridge and plates by forming the necessary recesses and holes therein, and after the metal of the plate and bridge has been distorted by such operation, then rectifying a number of the holes by a single operation of a punch having a plurality of matrices and after this rectifying step then similarly rectifying the remaining holes by a similar punch operation.

1,621,236. APPARATUS FOR GRINDING PLANE SURFACES. JAMES W. CRUIKSHANK, Pittsburgh, Pa. Filed Dec. 29, 1923. Serial No. 683,353. 8 Claims. (Cl. 51—110.)



1. In apparatus for grinding sheet glass, a runner, means for driving said runner comprising a vertically extending driving shaft, a lever extending at an angle to said shaft and fulcrumed intermediate its ends, a connection between the upper end of said shaft and said lever, means connected to said lever on the same side of its fulcrum as said connection for adding weight to said runner, and means connected to said lever on the other side of its fulcrum for reducing the pressure of the runner upon the surface being ground, substantially as described.

1,621,237. VALVE-SPRING COMPRESSOR. GLENN S. DAVIS, Rome, Ga.; Roberta McClain Davis administratrix of Glenn S. Davis, deceased. Filed June 23, 1925. Serial No. 39,091. 2 Claims. (Cl. 29—86.3.)

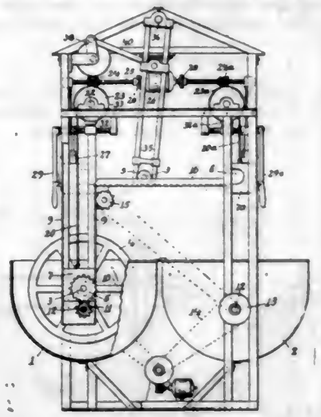


1. A tool for the purpose indicated comprising a frame, having a transverse member, a lever having a terminal pivotal connection with said transverse member and movable longitudinally of the same, the lever being provided with a longitudinal slot, a fork having a shank passing through said slot, and a pin carried by the lever in spanning relation to the slot for pivotal engagement with the fork, the fork and the lever being provided each with a series of spaced holes for selective engagement by said pin.

1,621,238. APPARATUS FOR DYEING SKEINS. OTTO T. DEHLE, Boston, Mass. Filed July 6, 1926. Serial No. 120,852. 15 Claims. (Cl. 8—19.)

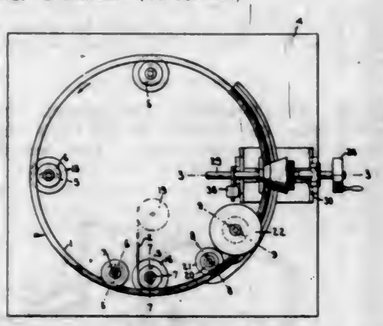
1. In a machine for dyeing skeins, two closely disposed parallel vats, a shaft adapted for carrying skeins, continuously rotating mechanism in each vat adapted to

rotate said shaft when lowered therein, means for raising and lowering said shaft out from and down into each vat, and means for horizontally moving said shaft from



a point above one vat to a point above the other vat and for keeping it parallel with the vats during its removal.

1,621,239. APPARATUS FOR COVERING TIRE BEADS. HAROLD A. DENMIRE, Akron, Ohio, assignor to The General Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Oct. 10, 1921. Serial No. 506,671. 3 Claims. (Cl. 154—9.)



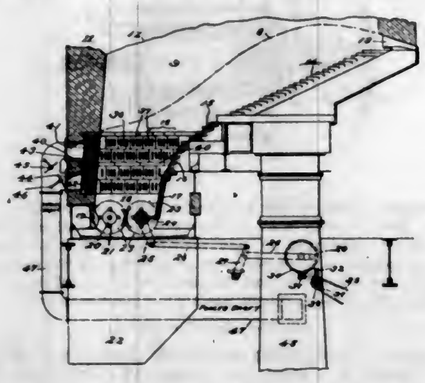
1. In an apparatus for covering circular tire beads, a table, a plurality of flanged rollers arranged about the bead and elevated above the table so as to support the bead in a horizontal plane spaced from the table, a fabric applying roller having means for positioning the fabric relative to the bead so that the bead will be located centrally of the fabric and feeding and applying rollers on the two sides of the bead to press the fabric to the bead and unite the two edges in a flap.

1,621,240. VERMIFUGE AND INSECTICIDE. WILLIAM J. DENNIS, Attleboro, Mass. Filed Apr. 16, 1923. Serial No. 632,858. 5 Claims. (Cl. 167—6.)

1. An insecticide and vermifuge comprising ground cube root with the fibrous element removed.

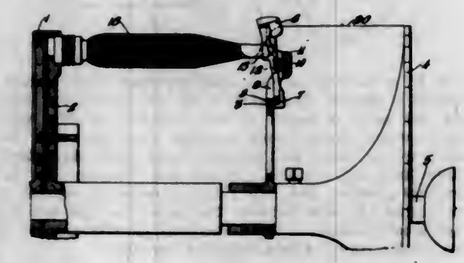
1,621,241. FURNACE. WARREN C. DRAKE, Inwood, N. Y. Filed June 29, 1922. Serial No. 571,718. 3 Claims. (Cl. 110—32.)

1. In a furnace the combination of a progressive feed grate, a furnace rear wall and lateral walls bounding three sides of a refuse pocket or chute of substantial depth, said grate being arranged to give support to the progressing fuel bed as far as the upper front edge of said pocket, a wall bounding the front side of such pocket constituting an extension of said fuel supporting grate but so steep as to give negligible support to the weight of the refuse in the pocket, mechanical means at the bottom of the pocket giving regulated refuse discharge without



dumping or emptying the pocket, said rear wall where it bounds the pocket being inwardly inclined so as to overhang the pocket and prevent bridging of clinkers, and said rear and side walls composed of argillaceous refractory material having air admission apertures substantially throughout the depth of the pocket, and means supplying forced draft to said apertures whereby air is directed into the refuse in said pocket.

1,621,242. WEFT-REPLENISHING LOOM. CLARE H. DRAPER, Hopedale, Mass., assignor to Hopedale Manufacturing Company, Milford, Mass., a Corporation of Massachusetts. Filed July 7, 1925. Serial No. 42,012. 3 Claims. (Cl. 139—248.)



1. A weft replenishing loom provided with a hopper having bobbin holders including a small-end disk provided with tip holders for receiving the tip of the bobbin, such tip holders having an outer end provided with a tip groove, an off-set thread groove leading to the tip groove and thread directing surfaces on opposite sides of the thread groove, the thread directing surface opposite the off-set being provided with a diagonal thread guiding ridge to guide the thread into the thread groove so as to prevent the thread from winding up on the bobbin tip as it is discharged from the hopper into the shuttle at replenishment.

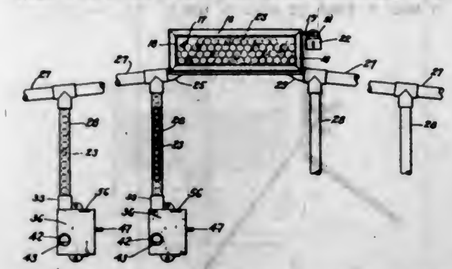
1,621,243. CURTAIN FIXTURE. JOHN S. EAGAN, Providence, R. I. Filed Apr. 22, 1926. Serial No. 103,780. 2 Claims. (Cl. 156—22.)

1. In a curtain rod comprising in a single piece of resilient material a web, inwardly directed lateral extensions upon the web, and oppositely directed lips integral with the extensions and spaced from the web, an attaching plate, a lateral convexo-concave lug upon the



plate disposed at right angles thereto comprising lateral edges abutting directly against the lips and a convex face abutting directly against the web affording a three-point contact with said web.

1,621,244. COIN-OPERATED VENDING MACHINE. ABRAHAM A. FAGEN, Minneapolis, Minn. Filed May 11, 1922. Serial No. 560,215. 4 Claims. (Cl. 211—8.)



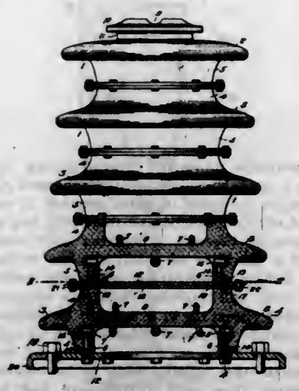
1. A device of the class described comprising a casing having side and end walls, and a bottom slanting from one side wall to the other, a delivery opening in one end wall below the lowermost portion of the bottom, and a projection extending laterally from the side wall, overlying and spaced from the bottom a distance substantially equal to the diameter of the spherical bodies to be delivered, whereby the bodies are delivered laterally to the channel thus formed to form a row of bodies for delivery through the opening in direction at right angles to their reception.

1,621,245. CONSTRUCTION FOR METAL STOOLS, STANDS, AND THE LIKE. STANLEY A. FLOWERS, Pittsburgh, Pa., assignor to Pittsburgh Tinware Manufacturing Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Jan. 13, 1926. Serial No. 80,892. 8 Claims. (Cl. 155—194.)



1. A sheet metal construction of the character described comprising the combination of a body formed of a plurality of sections bent and having their ends connected together to form an inclosure and said sections being provided with depending legs, and a top supported on said body and having a flange which fits down into the body and braces the same from within, the lower edges of said sections and the vertical edges of the legs being provided with inturned strengthening flanges, the flanges on the lower edges of the sections and those on the adjacent legs being continuous.

1,621,246. INSULATOR. WALTER T. GODDARD, Hamilton, Ontario, Canada, assignor to Locke Insulator Corporation, Baltimore, Md., a Corporation of Maryland. Filed Oct. 1, 1921. Serial No. 504,665. 9 Claims. (Cl. 173—318.)



1. A high tension insulator comprising an imperforate disk of insulating material having hub portions extending from the opposite faces thereof, a pair of substantially flat metallic disks cooperating with said disk of insulating material, and connecting means therefor comprising headed members seated in correspondingly formed openings in said hub portions, said members being provided with projecting portions detachably secured to said metallic disks.

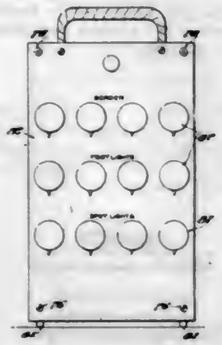
6. A high tension insulator comprising a plurality of units of insulating material of disk form, concentric hubs formed on the upper and lower faces of said disk, a metallic disk of greater diameter than the diameter of said hub secured to each of said hubs by members housed within the same, and means for securing the disks of adjacent sections together.

1,621,247. UNIVERSAL JOINT. EMIL GRUENFELDT, Cleveland, Ohio. Filed Nov. 28, 1925. Serial No. 71,956. 7 Claims. (Cl. 64—102.)



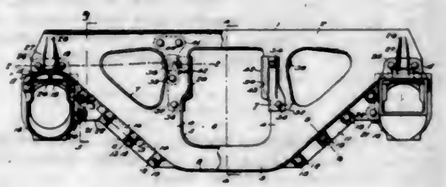
1. In a universal joint, the combination, with a driving and a driven member and trunnions carried thereby, of a hollow lubricant containing connecting ring for said trunnions, the said ring comprising two complemental parts adapted to be secured together each part containing a complete bearing for one of the trunnions of both the driven and driving member.

1,621,248. MINIATURE-STAGE-LIGHTING SYSTEM. GEORGE L. HALL, Melrose, Mass. Filed Nov. 23, 1926. Serial No. 150,361. 6 Claims. (Cl. 240—1.)



3. In a portable miniature stage-lighting system, in combination, a portable miniature switchboard comprising a frame portable by hand, a panel secured to said frame and provided with a plurality of relatively low resistance rheostats mounted thereon, a lighting unit comprising a reflector and a plurality of relatively low voltage lamps of different colors co-operating with said reflector and arranged in sets, and flexible conductors connecting said lamps with said rheostats in a manner to enable a single rheostat to control the same colored lamp of all the sets of lamps, said flexible conductors being of substantial length to enable the lighting unit to be located a substantial distance from said switchboard and being connected with said rheostats and lighting unit to enable the latter to be supported by said frame and transported therewith when not in use.

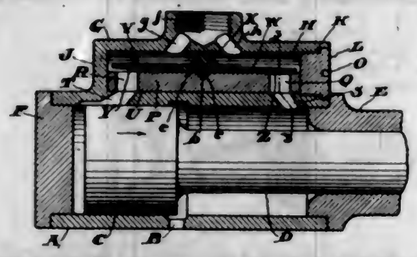
1,621,249. SIDE FRAME. CYRUS HANKINS, Baltimore, Md., assignor to The Symington Company, New York, N. Y., a Corporation of Maryland. Filed May 5, 1925. Serial No. 28,094. 19 Claims. (Cl. 105—205.)



1. A car truck side frame comprising inner and outer walls arranged in spaced relation, each of said walls having a plurality of truck column portions, a plurality of top arch bar portions and a plurality of bottom arch bar portions, said bottom arch bar portions being provided with flanges, projecting inwardly of the side walls, having portions thereof extending downwardly therefrom, and means uniting the downwardly extending portions, leaving apertures between said uniting means.

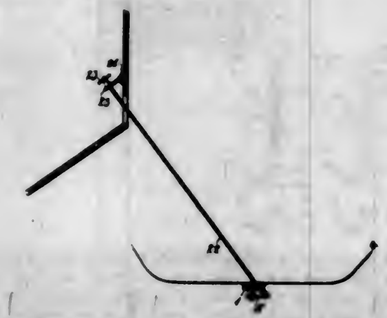
1,621,250. ROCK DRILL. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Nov. 19, 1925. Serial No. 69,954. 9 Claims. (Cl. 121—19.)

1. In a fluid actuated rock drill, the combination of a cylinder and a reciprocatory piston, a free exhaust port in the cylinder controlled by the piston, a valve chest having a cylindrical bore, an oscillatory plate valve in the



bore, a removable valve seat seated on the cylindrical wall of the bore, and common means for holding the valve and the valve seat in operative position.

1,621,251. DRAIN PLUG OR VALVE FOR CONTAINERS. GEORGE P. HAWES, Jr., U. S. Army, Fort McPherson, Ga. Filed Nov. 4, 1922. Serial No. 599,153. 13 Claims. (Cl. 137—139.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)



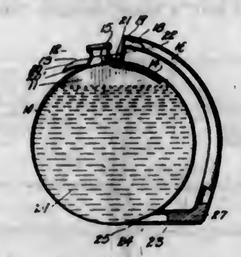
1. The combination with a motor vehicle, of a crank case draining apparatus, consisting of a valve member adapted to be mounted in the lower portion of the crank case of the motor, having a body portion exteriorly screw threaded, a frusto-conical valve seat extending inwardly from one end of the body portion and provided with openings, a sleeve for the reception of a valve stem having cam surfaces at its end, a valve having a frusto-conical head and openings, corresponding with the valve seat, and a stem extending through and beyond the sleeve, a valve operating lever having a tubular extension screw threaded for adjustment on the valve stem and having cam surfaces adapted to operate against the cam surfaces of the sleeve, to clamp the valve in its closed position, a compression spring between the valve body and the lever, operating means connected at one end and adapted to operate the lever, said operating means extending through the dash of the vehicle, a handle having an enlarged base portion secured at the end of the operating means, and a bracket mounted on the dash and provided with a bayonet slot through which said operating means extend and are secured, to retain said valve in its closed and clamped position.

2. A drain for containers, consisting of a valve, means for operating the valve, means for clamping the valve to its seat, only when closed, and means for holding the valve operating means when valve is closed.

1,621,252. CONTAINER. NEWTON S. HILLYARD, St. Joseph, Mo. Filed July 22, 1926. Serial No. 124,184. 3 Claims. (Cl. 220—1.)

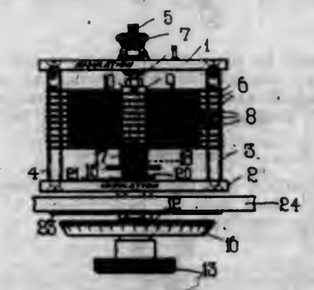
1. The combination with a receptacle having a cylindrical wall portion and having a projecting discharge

nipple, of a handle member secured to said cylindrical wall portion and engaging said nipple, said handle being curved substantially concentrically with said cylindrical



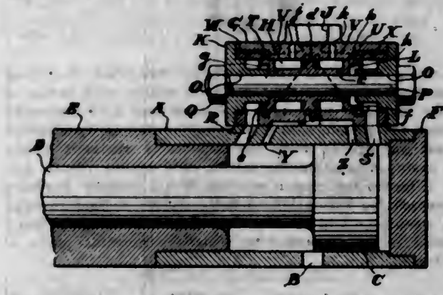
wall portion throughout the major portion of its length and extending substantially half way around said cylindrical wall portion.

1,621,253. VARIABLE ELECTRIC CONDENSER, VARIOMETER, AND THE LIKE. ALBERT FRANK HOLLIDAY, Wigan, England. Filed Dec. 8, 1924, Serial No. 754,579, and in Great Britain Dec. 15, 1923. 8 Claims. (Cl. 175—41.5.)



1. In a variable electric tuning instrument, the combination of a stationary coupling element, a coupling element movable relatively to said stationary element, an operating spindle having a handle for said movable element, means insulating said movable element from said operating spindle and connecting means adapted to connect all metallic members lying between said insulating means and the handle of said spindle to earth.

1,621,254. VALVE FOR ROCK DRILLS. GEORGE W. HULSHIZER, Stewartsville, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Dec. 17, 1925. Serial No. 76,016. 2 Claims. (Cl. 121—18.)



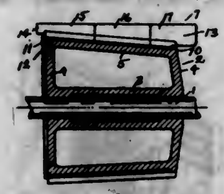
1. In a rock drill, the combination of a cylinder having a free exhaust port, a reciprocatory hammer piston in the cylinder controlling said exhaust port, a valve chest having a chamber, said valve chest having inlet passages leading from the ends of said chamber to the ends of the cylinder, crossed passages leading from the ends of the cylinder to points on opposite sides of the center of the chamber for exhausting a portion of entrapped air from the cylinder, the remaining entrapped air passing to that end of the chamber corresponding to the end of the cylinder to which the piston is moving, and a valve having end heads for controlling the admission of pressure fluid through the inlet passages and having a central head alternately covering and uncovering the crossed passages, said outer heads being constantly exposed to live pressure fluid to augment the entrapped air for actuating the valve.

1,621,255. CRUTCH. ROBERT N. HUNTER, Charlotte, N. C. Filed Apr. 17, 1926. Serial No. 102,706. 5 Claims. (Cl. 135—49.)



5. In a crutch, a hollow shank secured to the base portion, a cuff slidably mounted on said shank, rocker members secured to the lower portion of said shank, members pivoted to the cuff and to the rocker members, means cooperating with said cuff for sliding the cuff and swinging the rocker members on their respective pivots.

1,621,256. PULVERIZER BEATER. JACOB H. JONES, Harborcreek, Pa., assignor, by mesne assignments, to Erie City Iron Works, a Corporation of Pennsylvania. Filed May 31, 1922. Serial No. 565,009. 1 Claim. (Cl. 83—11.)

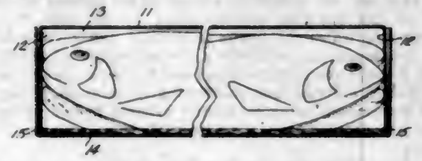


In a pulverizer beater, the combination of a drum having axially extending undercut grooves with a shoulder at the end of each; and sectional blades, the sections having bases engaging portions of the undercut walls of the grooves and being adapted to be slid endwise into the grooves, said shoulders being adapted for locking the blades in the grooves.

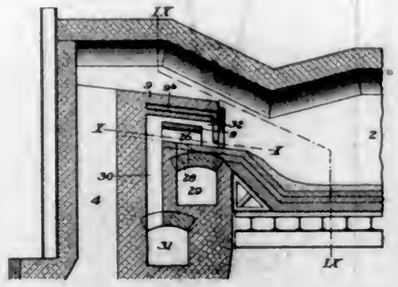
1,621,257. METHOD OF HANDLING AND PRESERVING FISH AND THE LIKE. DANIEL E. KNOWLTON, Buffalo, and EDWARD W. DONNIGAN, Alden, N. Y. Filed Oct. 13, 1924. Serial No. 743,271. 4 Claims. (Cl. 99—14.)

3. The hereindescribed method of preserving comestibles such as fish, which consists in packing the comesti-

bles in shallow covered boxes, inverting said boxes to permit water therein to settle and seal the joint between the body and cover of the box, then freezing the comestibles and water while in said boxes, and maintaining the comestibles while still retained in said boxes at a sufficiently low temperature to keep the comestible in the frozen state.

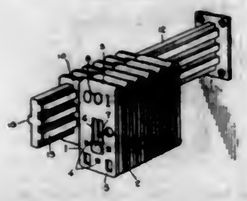


1,621,258. OPEN-HEARTH FURNACE. LUTHER L. KNOX, Bellevue, Pa., assignor to Kate A. Knox, Bellevue, Pa. Filed Oct. 14, 1920. Serial No. 416,792. 13 Claims. (Cl. 158—7.5.)



1. An open-hearth furnace having gas and air inlet ports at each end, separate offtake ports extending above said inlet ports, and gas and air-reversing chambers into which the inlet ports open at each end of the furnace, said reversing chambers having lateral and upper walls which separate said chambers from the said offtake ports, substantially as described.

1,621,259. LAUNDRY CHECKING DEVICE. EDWIN LANE, New York, N. Y., assignor to Carolyn Laundry, New York, N. Y., a Corporation of New York. Filed Apr. 24, 1925. Serial No. 25,593. 3 Claims. (Cl. 40—23.)



1. A marker-check for purposes described, comprising a substantially flat body of moderate thickness having integral rigid means for attachment to a laundry-piece and also having formed therein a check-perforation configurated to match a certain key.

1,621,260. ADJUSTABLE LEG FOR TUBS OR THE LIKE. WILLIAM E. LINDEMUTH, Kansas City, Mo., assignor to The Todd Company, Kansas City, Mo., a Corporation of Missouri. Filed Jan. 11, 1926. Serial No. 80,521. 1 Claim. (Cl. 68—31.)

An attachable leg for tubs or the like, comprising a tubular standard having a slotted upper end, a nut within the upper end of the leg having its corners seated within the slots, the slotted portions of the standard being peaned over the nut to form an inturned flange to retain the latter in its seat, a screw threaded into the nut, a clamp engaged by the screw comprising a tub engaging portion and a flanged portion embracing the upper end of the standard, and a bracket attached to the leg in position for supporting a tub between the bracket and clamp.



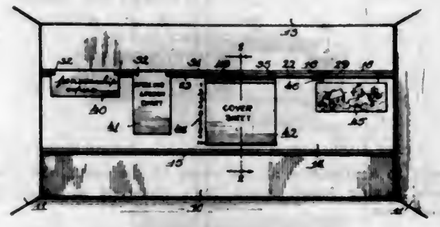
1,621,261. SHOCK ABSORBER. LOUIS L. LOMAR, Houston, Tex. Filed Nov. 11, 1925. Serial No. 68,420. 13 Claims. (Cl. 188—88.)



1. In a device of the character described, a casing adapted to contain a fluid, a piston within said casing, a hollow piston rod open at its inner end and extending through the piston, said piston rod having an aperture in its wall, a tapered valve rod adjustably mounted within said casing and extending within said hollow piston rod, said valve rod having a portion of its surface flattened to provide for regulation of the passage of fluid through said opening, said casing and said piston rod being adapted to be connected to relatively movable parts of a vehicle.

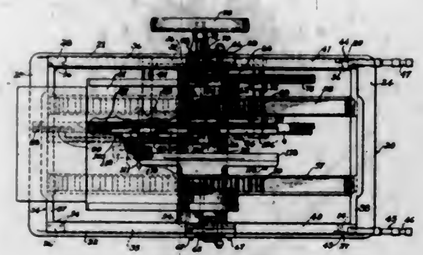
1,621,262. EDUCATIONAL DEVICE. ARCHIBALD E. MACQUARRIE, Minneapolis, Minn. Filed Aug. 11, 1924. Serial No. 731,238. 8 Claims. (Cl. 35—15.)

1. The combination with a blackboard, of supporting means holding said blackboard in fixed position, a display device carried by said supporting means over said blackboard, holding means slidable longitudinally of said display device, and educational and instructional device de-



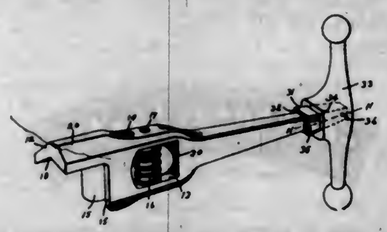
tachably carried by said holding means and movable over the surface of the blackboard to cover any part thereof and leave any part of said blackboard exposed, as desired.

1,621,263. RECIPROCATING MECHANISM. CYRUS A. MCCAIN, Oak Park, Ill. Filed May 23, 1924, Serial No. 715,286. Renewed Aug. 4, 1926. 16 Claims. (Cl. 74—98.)



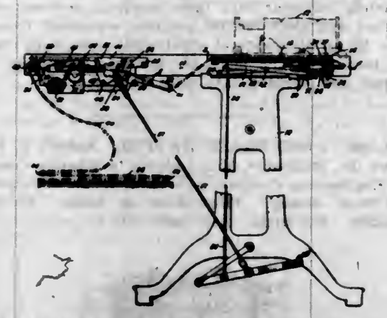
7. The combination of a driven reciprocating member, a driving reciprocating member movable in a path approximately parallel to the path of travel of said driven member, means connecting said members at all times, loosely during the mid portions of their reciprocations, and tightly, as to relative longitudinal movement, during the end portions of their reciprocations, and means for giving said driven member a movement during the mid portions of its reciprocations different from that of said driving member during the same mid portions.

1,621,264. WRENCH MECHANISM. CHARLES WILLIAM MCDANIEL, Portsmouth, N. H. Filed Nov. 8, 1924. Serial No. 748,569. 2 Claims. (Cl. 81—177.)



2. A wrench comprising an elongated stock having at its outer end a jaw fixed to the stock and a complemental jaw movably engaged with the stock; means carried by the stock and movable jaw for adjusting the latter, said jaws having cheeks at opposite sides of the longitudinal axis of the stock, the said stock having a tapered end portion polygonal in cross section and a shoulder thereon; and a handle having a tapered socket conforming to the tapered end portion of the stock, and a resilient hooked tongue secured to the socket, and projecting from the larger end thereof, and adapted to yieldingly engage said shoulder and separably confine the handle on the stock, said tapered end portion being adapted to be engaged by a bit brace when the handle is removed.

1,621,265. ALIGNING AND REGISTERING DEVICE FOR BILLING MACHINES. RUDOLF T. MANNHARDT, White Plains, and ALDRO B. HITZEL, Jamaica, N. Y., assignors to Gilman Fanfold Corporation, Ltd., Toronto, Canada, a Corporation of Ontario. Filed Aug. 22, 1925. Serial No. 51,808. 40 Claims. (Cl. 197—126.)



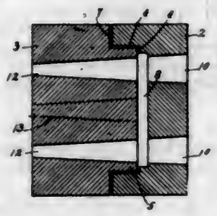
1. In a machine of the character described, in combination, a writing platen upon which a record strip may be led and supported in writing position, a main strip-clamping presser bar for clamping the strip in writing position, an auxiliary strip-clamping presser bar, mechanism for exerting a pull upon said strip to tension, smooth and align it upon said platen and unitary operating mechanism for said presser bars and said exerting mechanism for releasing said main presser bar and controlling said exerting mechanism to exert an aligning pull upon the strip while the auxiliary presser bar remains in strip clamping position.

1,621,266. TOY. LOUIS MARX, New York, N. Y. Filed June 14, 1924. Serial No. 719,962. 4 Claims. (Cl. 46—48.)



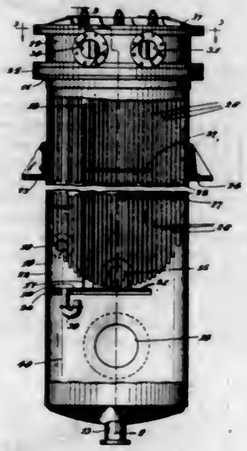
1. A toy vehicle comprising a vehicle body, running gear therefor, means simulating part of a fuel-consuming structure, and devices associated with said means for producing an emission of sparks in semblance of fuel-consuming activity of such means, said device comprising a pyrophoric body, a friction wheel arranged to be frictionally engaged by the pyrophoric body, and motion multiplying gearing connecting the said running gear with the friction wheel.

1,621,267. FIRE BRICK. OSCAR NYGAARD, Saugus, Mass., assignor to Bernitz Furnace Appliance Company, Boston, Mass., a Corporation of Massachusetts. Filed May 18, 1925. Serial No. 31,227. 13 Claims. (Cl. 110—75.)



1. A fire brick comprising front and rear sections of refractory material with their marginal portions secured together and their central portions separated from each other by an air space of substantial area, said rear section having one or more air passages extending therethrough and opening into said air space.

1,621,268. FEED-WATER HEATER. ABBOTT L. PENNIMAN, Jr., Baltimore, Md., assignor to Wheeler Condenser & Engineering Company, Carteret, N. J., a Corporation of New Jersey. Filed June 6, 1925. Serial No. 35,278. 8 Claims. (Cl. 257—221.)



1. In a feed water heater, a cylindrical vertically placed shell, a tube plate at the upper end of the shell, a plurality of U tubes suspended at their ends from the said tube plate and extending downwardly therefrom, means for admitting steam adjacent the lower end of the shell and below the lower ends of the said U tubes, a water box associated with the tube plate, an inlet connection for admitting feed water to the water box, and an outlet connection for conveying the feed water from the water box.

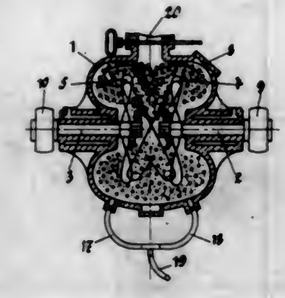
1,621,269. HAIR COMB. JACK STANSFELD PICKFORD, Weymouth, England. Filed Feb. 26, 1926, Serial No. 90,720, and in Great Britain Apr. 24, 1925. 7 Claims. (Cl. 132—13.)

1. In a hair-comb the combination with the back, of at least three substantially parallel rows of teeth arranged side by side and held close together solely along the back of the comb, the teeth of one row being spaced apart beyond the roots from the teeth of an adjacent row to provide a longitudinal channel extending between each two contiguous rows from the tips of the



teeth to a situation at the roots of the teeth, the outer rows having longer teeth than those of at least one inner row.

1,621,270. PROCESS OF AND APPARATUS FOR OBTAINING POWDERS OF GREAT FINENESS. EMIL PODSZUS, Berlin-Friedrichshagen, Germany. Original application filed July 1, 1922, Serial No. 572,340. Divided and this application filed Sept. 2, 1924, Serial No. 735,253, and in Germany July 12, 1921. 5 Claims. (Cl. 83—46.)



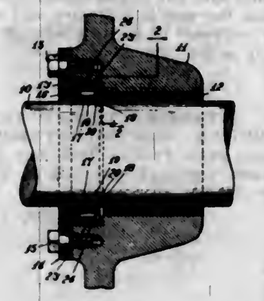
1. The process of producing very fine powders of colloidal fineness, which consists in producing high-speed mutually impinging whirling gas or air currents within a closed casing, causing said currents to circulate within said casing at the rate of several thousand times or more per minute, thereby causing the particles of the material to be treated suspended in said currents to continually impinge upon each other, and at the same time adding to the particles of the material to be treated a certain amount of coarser particles of the same or other material, to thereby increase the mutual impact of the particles of the material to be treated.

1,621,271. PLATE FOR MULTIGRAPH MACHINES. ERNST PREISLER, St. Louis, Mo., assignor to Progressive Electrotyping Co., St. Louis, Mo., a Corporation of Missouri. Filed Dec. 3, 1925. Serial No. 72,926. 4 Claims. (Cl. 101—378.)



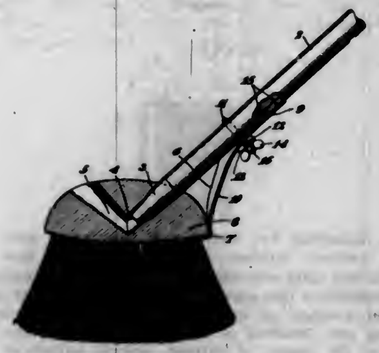
1. A plate for multigraph machines comprising a curved plate having a printing surface on its outer face, parallel square recesses formed on the inner face of said plate, and a sheet metal lug having a resilient hollow head secured in each of said recesses extending the full length of the plate.

1,621,272. STUFFING BOX. FRED I. RAYMOND, River Forest, Ill., assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 24, 1925. Serial No. 25,563. 12 Claims. (Cl. 288—1.)



1. In a shaft packing, the combination of a flexible packing member surrounding the shaft, a plurality of elastic, substantially U-shaped retaining members circumferentially arranged, without connection one with the other, against the packing member to keep the same in proper relation with the shaft.

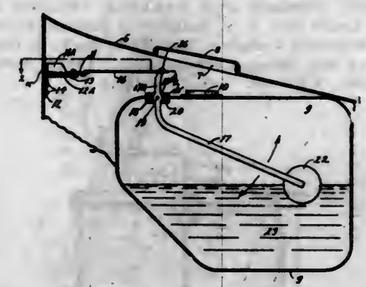
1,621,273. BROOM. WALTER C. READ, Bloomfield, N. J. Filed Sept. 5, 1925. Serial No. 54,657. 3 Claims. (Cl. 15—143.)



1. An attachment for bracing a broom handle with respect to its head, comprising a sheet metal member having at its top a longitudinal hollowed portion to lie against the broom-handle and hold said member in alinement therewith, said member increasing in width toward its other end and having thereat an angular seat extending for the length of said end to receive the lower edge of the broom-head block, and means between said top and bottom for clamping said body portion into the angular space between said handle and head.

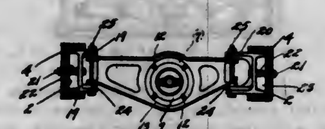
1,621,274. GASOLINE GAUGE. JAMES D. REEKIE, St. Paul, Minn. Filed Apr. 10, 1926. Serial No. 101,089. 8 Claims. (Cl. 73—82.)

1. A fuel gauge for automobiles having a fuel tank in proximity to a fixed vertical element, having an aperture therein, said fuel gauge comprising a float within the fuel tank, a lever oscillatable in a vertical plane and mainly within the tank, said float fixed on said lever, means for fulcruming said lever at the top part of the fuel tank, said lever having an arm extending upwardly outside of the fuel tank, a reach rod pivotally secured with one end to the upper end of said upper lever arm and extending toward the said fixed element, a segmental horizontally oscillatable gauge member mounted pivotally adjacent said fixed element, a vertical rim on



said gauge member with graduated numerals thereon adapted to be exposed consecutively to view in said aperture in the fixed element, said float adapted to oscillate the lever in a vertical plane to actuate the rod and the gauge member in approximately horizontal plane.

1,621,275. EXTENSION UNIT. WILMOT G. REEVES, Stockbridge, Mich. Filed June 20, 1925. Serial No. 38,572. 2 Claims. (Cl. 180—1.)



1. In an automobile, the combination with the side members of a chassis, blocks of I-beam cross section fitted in said side members and provided with centrally disposed bosses adapted to engage the web of the side members, and bolts extending through said bosses for securing said blocks to the frame, a cross member pivotally secured to said blocks and provided with a centrally disposed opening, spherical housings on each side of said housing, gaskets interposed between the housing and the cross member, and a universal joint mounted in said housings.

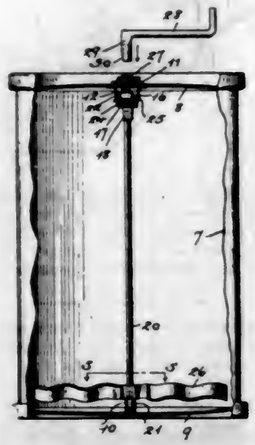
1,621,276. RAKE. FREDERICK E. RICHARDSON, Manchester, Iowa. Filed July 8, 1925. Serial No. 42,245. 2 Claims. (Cl. 55—10.)



1. An implement having a channel-bar crosshead whose spaced flanges have opposed transverse slots, and elastic tines mounted interlockingly and detachably on the crosshead, each tine being bent reversely into a loop with unequal members, the loop traversing a pair of the opposed slots with its members near the bend engaging opposite end edges of one of the slots, the termination

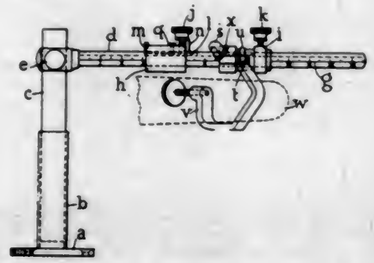
of the shorter member being shaped to detachably interlock with one end edge of the other slot of the pair while the other member contacts with the opposite end edge of the slot.

1,621,277. STIRRER FOR BARRELS. SOLOMON RICHMAN, Laurel Hill, N. Y., assignor to National Enameling and Stamping Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 21, 1924. Serial No. 733,360. 2 Claims. (Cl. 259—108.)



1. The combination with a receptacle having an end with a central opening therein and means to close said opening, of a bracket having two depending arms that are attached to said barrel-end at opposite sides of said central opening said arms being connected at their lower ends by a flat crosswise bearing-bar which bar has a vertical opening therein, a head seated on the upper side of the bearing bar and having a vertical stem which projects down through the opening of the said bar and said head also having a stem at its upper side above the said bearing bar for engagement with a crank, means extending from the arms of the bracket for engaging and holding the head down on the bearing bar, a shaft in the receptacle and having its upper end connected to the lower end of the head-stem and its other end sustained in the receptacle and agitator means on the shaft.

1,621,278. SOUND-REPRODUCING INSTRUMENT. JACQUES ROSTON, London County, England. Filed July 7, 1926, Serial No. 120,925, and in Great Britain July 14, 1925. 9 Claims. (Cl. 274—14.)



1. Means for enabling the needle of a sound reproducing instrument to be set back to any desired point of the record comprising in combination a vertical bearing fixed upon the casing, a horizontal arm carried by and adapted to rotate in said bearing, two sliding parts upon the horizontal arm, the first sliding part having means whereby it may be connected to the second sliding part and having means whereby it may be clamped to the horizontal arm, the second sliding part having means for engaging the first sliding part, and means whereby it may be connected to the tone arm of the instrument substantially as set forth.

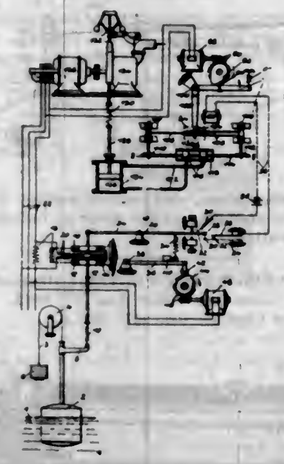
1,621,279. APPARATUS FOR CONTROLLING AND DISTRIBUTING ELECTRIC CURRENTS. ERNEST ROUCAYROL, Paris, France. Filed Dec. 30, 1922, Serial No. 610,040, and in France Jan. 6, 1922. 1 Claim. (Cl. 174—177.)



An apparatus for distributing, regulating and measuring electric currents for electro-therapic uses comprising one main electrode, several branch electrodes, one amperemeter, a line connecting said main electrode to one pole of a source of current, means for electrically connecting one terminal of the amperemeter to the other pole of the source of current, several adjustable rheostats each corresponding to one of said branch electrodes, several throw-over switches without break each corresponding to one of said rheostats, means for electrically connecting one terminal of each rheostat to the corresponding branch electrode, means for electrically connecting the other terminal of each rheostat to the main terminal of the corresponding switch, means for electrically connecting one branch terminal of each switch to the pole of the source of current which is connected to the amperemeter, and means for electrically connecting the other branch terminal of each switch to the other terminal of the amperemeter.

1,621,280. IMPULSE SYSTEM OF CONTROL. ERICH ROUČKA, Blansko, Czechoslovakia. Filed Aug. 20, 1923, Serial No. 658,353, and in Czechoslovakia Sept. 4, 1922. 29 Claims. (Cl. 171—312.)

1. A system of control comprising means for producing changes or impulses of auxiliary energy in regular intervals of time, means cooperating with said first-mentioned means to vary the time positions of said impulses in corresponding intervals, a governor mechanism for controlling the value to be controlled, means including a device operated synchronously with said intervals of time, and means actuated by said impulses to cooperate with the last-mentioned means to actuate said



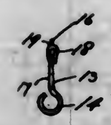
governor mechanism in accordance with said time positions of said changes or impulses in corresponding intervals of time.

1,621,281. MOLD AND PROCESS OF MAKING THE SAME. WILLIAM M. SHEFFIELD, New York, N. Y. Filed Nov. 27, 1925, Serial No. 71,650. Renewed July 24, 1926. 14 Claims. (Cl. 92—54.)



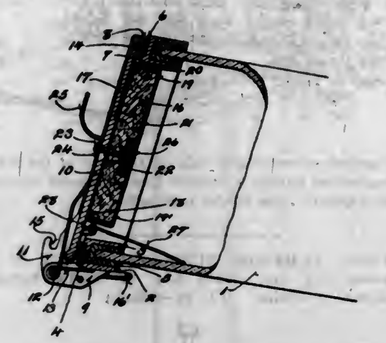
8. A mold of laminate structure having a mold cavity defined by the edges of alternate laminæ, the intervening laminæ being made of paper and having their edges inset to provide drainage channels.

1,621,282. SHOE-LACE FASTENER. SAMUEL R. SHETZLINE, Jr., Philadelphia, Pa., and EMIT A. DODELIN, Moorestown, N. J. Filed June 12, 1926. Serial No. 115,466. 1 Claim. (Cl. 24—121.)



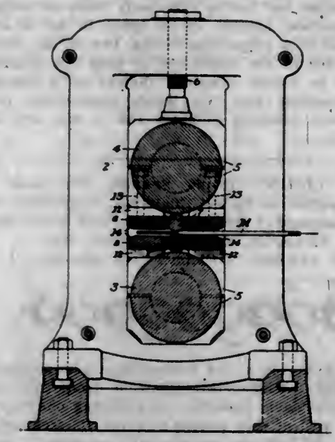
A shoe lace fastener produced from a single piece of wire having one end fastened into a loop to provide an extended bearing surface, said wire being bent upon itself intermediate its length to provide an inner hook supporting said loop and a body, and further bent upon itself in the opposite direction to provide an outer hook, the end of which is bent back upon itself so as to form a finished nose, and said inner hook being bent outward intermediate its ends so that the loop portion projects in close proximity to the body.

1,621,283. CANDY JAR. LAMAR H. SHOVER, Milwaukee, Wis., assignor to Panay-Horizontal Show-Jar Co., Milwaukee, Wis. Filed Dec. 12, 1922, Serial No. 606,422. Renewed Aug. 14, 1926. 4 Claims. (Cl. 215—48.)



1. The combination with a receptacle, of a cover therefor, a perforated container removably positioned upon the inner side of said cover, a moisture regulating substance in said container, a handle positioned upon the outer side of said cover, and unitary means for securing the container and handle on to opposite sides of said cover.

1,621,284. ROLLING MILL. EDWIN E. SLICK, Pittsburgh, Pa. Filed Oct. 26, 1922. Serial No. 597,077. 18 Claims. (Cl. 80—38.)

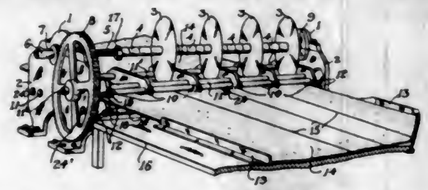


1. In a rolling mill, upper and lower rolls, an intermediate roll, and means engaging said intermediate roll on substantially diametrically opposite sides thereof and between the ends of the working faces of the upper and lower rolls only for laterally supporting the same.

1,621,285. APPARATUS FOR CUTTING FURS. CECIL J. SOLOMON, New York, N. Y. Filed Jan. 13, 1926. Serial No. 80,976. 6 Claims. (Cl. 164—61.)

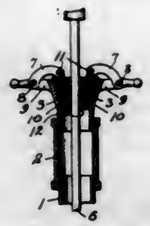
1. In a mechanism for cutting furs, the combination of a plurality of pairs of belts adapted to hold and feed the fur, and cutting means adapted to be associated with said belts and located intermediate the said pairs of belts

so that the cut is formed between those portions of the fur which are gripped by the said pairs of belts, the cutting edge of said cutting means being so located that



they operate substantially only on the base of the fur, said cutting means having a support located wholly at one side of the adjacent runs of the said belts.

1,621,286. PUMP-ROD SUPPORT. NORMAN H. SOOY, Kansas City, Mo. Filed Aug. 12, 1926. Serial No. 128,903. 1 Claim. (Cl. 24—263.5.)



In a pump rod support, a bell nipple comprising two semi-tubular members detachably connected to each other to form a tube adapted to receive therethrough a rod to be supported and having externally threaded co-operating end portions adapted to be fitted in an internally threaded end of a supporting casing, two wedge clamping members fitted in the upper end of said bell nipple and adapted to be forced inwardly thereby to a pump rod clamping position, and two levers respectively pivoted to said wedge clamping members and to said bell nipple member.

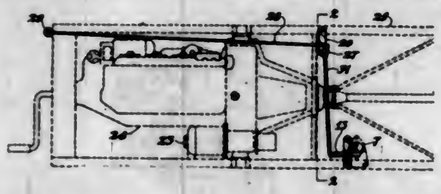
1,621,287. CHAIN. EUGEN SPEIDEL, Pforzheim, Germany, assignor to Speidel Chain Co., Providence, R. I., a Firm composed of Frederick Speidel and Eugen Speidel, both of Pforzheim, Germany. Filed June 1, 1926. Serial No. 112,883. 3 Claims. (Cl. 59—82.)



1. A chain having a link formed as a gem setting having side walls, a ring-shaped ornament about said setting link, and a bendable connector link having one end fixed to the side wall of said setting link and its free end bent to embrace and lock the ring-shaped ornament in position about said setting.

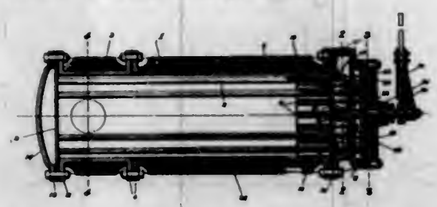
1,621,288. AUXILIARY FORD STARTER SWITCH AND SWITCH-OPERATING MECHANISM. CALVIN B. STEFFENS, Allenton, Mo. Filed Aug. 12, 1926. Serial No. 128,718. 2 Claims. (Cl. 200—161.)

1. In a switch of the kind described in combination with a conventional form of starter switch embodying conductors connected to the starter switch terminals; a base formed with an integral side and a bracket for securing to the underside of the starter switch; insulated terminals passed thru said side connected to said conductors; a spring set bracket formed with a lever pivoted on said base; an insulated conductor bar secured to said bracket for engaging said terminals passed thru said side; a bracket secured to the chassis of the machine; a triangular lever pivoted on said bracket; a wire secured to said bracket; a wire secured to said bracket lever and



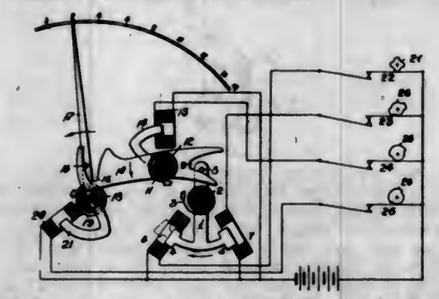
said triangular lever; and means secured to said triangular lever extending at the front of the car for operating said switch.

1,621,289. FEED-WATER HEATER. HERMAN J. STERNBERG, St. Louis, Mo. Filed Aug. 12, 1922. Serial No. 581,416. 8 Claims. (Cl. 257—236.)



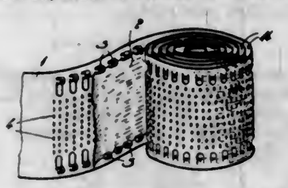
3. In a feed-water heater, the combination of a cylindrical shell, a pair of tube sheets, a plurality of tubes connecting said tube sheets and co-operating therewith to constitute a tube nest, one of said tube sheets being of smaller diameter than the shell so as to permit the tube nest to be slid longitudinally into the shell, a main head removably attached to the shell with a seat receiving the smaller tube sheet and having chambers for effecting the circulation of the feed water through the tubes, a secondary head at the other end of the shell for maintaining communication of the tubes with each other, a plurality of rotary cleaners having driving shafts rotatably mounted in the main head and having bodies lying within the tubes for scraping the walls thereof, said main head having a chamber on its outer side, a plurality of pinions carried by said shafts, and a driving gear meshing with the pinions for driving the same, all of said gearing being located in said chamber, said main head including a guard covering said gear and pinions, means for rotating said gear, and means for circulating a heating medium through the shell and around the tubes.

1,621,290. POSITION INDICATOR. HARRY L. TANNER, Brooklyn, N. Y., assignor to The Tanner Engineering Company, Inc. Filed Mar. 24, 1920. Serial No. 368,412. 15 Claims. (Cl. 177—327.)



1. In an indicator, a movable index, means for moving the same in at least two directions, and movable means for arresting such movement of said index in one of said two directions in a plurality of different positions and for arresting such movement of said index in the other of said two directions in a plurality of different positions.

1,621,291. PROCESS AND DEVICE FOR THE DEVELOPMENT, FIXING, WASHING, ETC., OF PHOTOGRAPHIC OR CINEMATOGRAPHIC FILMS OR THE LIKE. NILS ALFRED UNGER, Vinterviken, Aspudden, Sweden. Filed Mar. 6, 1926, Serial No. 92,811, and in Sweden Nov. 13, 1925. 7 Claims. (Cl. 95—100.)



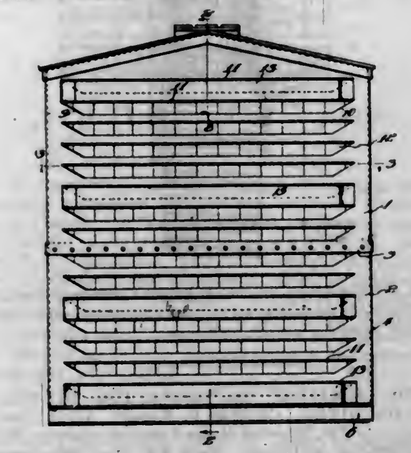
1. A device for the treatment of sensitized film comprising a flexible ribbon support and means disposed along the lateral margins thereof adapted to removably secure a film to said support.

1,621,292. SWITCH AND VALVE CONTROL IN AIR AND ELECTRIC COUPLING SYSTEMS FOR CARS. HERBERT E. VAN DORN, Chicago, Ill. Filed May 23, 1925. Serial No. 32,310. 6 Claims. (Cl. 303—86.)



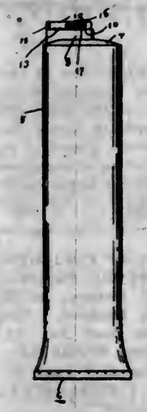
1. The combination with the electric and air brake systems of a car including an electric coupler, main shut-off valves, and a switch for connecting the electric system to the coupler, of means associated with said switch for causing air to escape from said air system when the car is uncoupled while said switch is open, regardless of the position of said valves.

1,621,293. METAL WALL FOR RAILWAY CARS AND THE LIKE. WILLIAM E. VAN DORN, Chicago, Ill. Filed Apr. 17, 1922, Serial No. 553,981. Renewed Mar. 4, 1926. 4 Claims. (Cl. 105—410.)



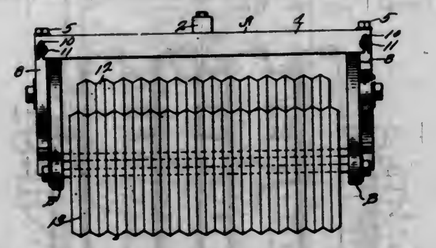
1. A wall for a car comprising a metal panel, a lining lying behind and against said panel, said panel having sections partially severed therefrom and bent outwardly at an angle to the panel to form stiffening ribs adjacent to openings extending through the panel, and means passing through said openings for fastening said panel and said lining together.

1,621,294. COLLAPSIBLE-TUBE CLOSURE. EARL C. VAN VALKENBURG, Holyoke, Mass. Filed Dec. 24, 1923. Serial No. 682,576. 1 Claim. (Cl. 221—60.)
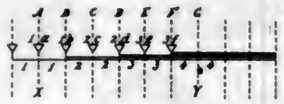


In combination, a paste holding collapsible tube having a neck provided with an opening and an integral guide extending from the opening and provided with parallel side faces having external grooves therein, and also provided with a flat end face, having an external groove providing stops, and a sheet metal closure having side flanges slidably engaging the parallel side faces and provided with means slidably interlocking with said external grooves first named, the closure having a stop to slidably fit in the groove of the end face and engage the stops thereof, the closure having a knife cutting action on any ejected contents of the tube.

1,621,295. LAND-ROLLER FRAME. JOSEPH F. WAGNER, South Bend, Ind. Original application filed May 25, 1925, Serial No. 32,850. Divided and this application filed Jan. 28, 1926. Serial No. 84,367. 3 Claims. (Cl. 55—77.)
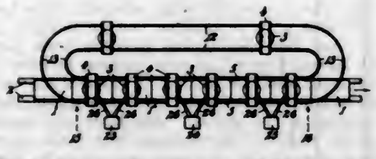


1. The combination with a land roller comprising a weight carrying frame having transversely disposed parallel bars formed from angle iron, one of the flanges of which is horizontally disposed and the other flanges vertically disposed, brackets disposed within the bars formed from angle iron and engaging the inner sides of the flanges thereof, of bolts longitudinally movable in elongated slots in the upper ends of the brackets and in elongated recesses in the horizontal flanges of the bars whereby the bolts may be moved out of engagement with the horizontal flanges, and bolts carried by the brackets and extending into vertically disposed recesses in the vertically disposed flanges of the bars.

1,621,296. PROCESS OF GRINDING AND POLISHING GLASS AND APPARATUS THEREFOR. FREDERIC BARNES WALDRON, Prescot, England, assignor to Pilkington Brothers Limited, Liverpool, England, a British Company. Filed Nov. 11, 1924, Serial No. 749,136, and in Great Britain Nov. 23, 1923. 14 Claims. (Cl. 51—278.)



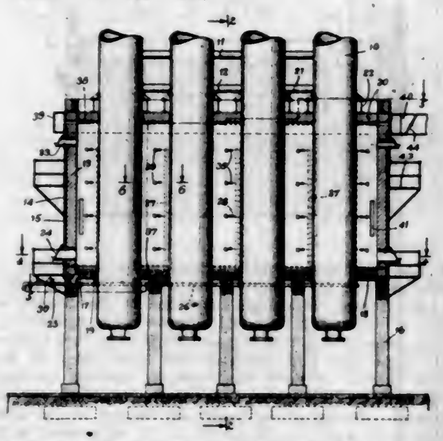
1. In the continuous process of the abrasive treatment of glass involving the traveling of the glass, travelling a plurality of runners in the same direction as the glass and varying the supply of media for said treatment by each runner at successive stages of travel of that runner so as to produce an action of each runner of the plurality varying with and adapted to the condition of the glass on which it is operating.

1,621,297. PROCESS OF POLISHING GLASS AND APPARATUS THEREFOR. FREDERIC BARNES WALDRON, Prescot, England, assignor to Pilkington Brothers Limited, Liverpool, England, a Company of England. Original application filed Nov. 11, 1924, Serial No. 749,136, and in Great Britain Nov. 23, 1923. Divided and this application filed June 10, 1926. Serial No. 115,118. 2 Claims. (Cl. 51—278.)



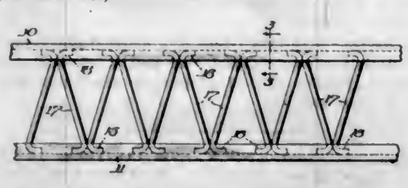
1. In the process of continuous polishing of glass, moving the runners in the direction of motion of the glass at a constant speed different from that of the glass and treating their polishing surfaces successively with different treatments at different stages of travel of a runner.

1,621,298. APPARATUS FOR HEATING STILLS. GEORGE D. WHITE, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a Corporation of Texas. Filed Apr. 5, 1923. Serial No. 630,001. 2 Claims. (Cl. 196—116.)



1. Apparatus for cracking hydrocarbon oils comprising a battery of spaced vertical stills, a furnace chamber disposed about said stills the walls of which chamber are spaced from the stills, a plurality of gas burners extending through opposite walls of said furnace and spaced from each other horizontally and vertically at points intermediate the several stills, the arrangement being such that heat is applied at a plurality of distributed points within the furnace in such a manner as to avoid direct contact of the flames against the still walls whereby hot spots are prevented, and a plurality of flue passages spaced from each other in the upper part of the furnace whereby the furnace gases are caused to travel upwardly through the furnace and are withdrawn at distributed points in the upper part thereof.

1,621,299. BUILT-UP STRUCTURAL ELEMENT. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Company, Chicago, Ill., a Corporation of Delaware. Filed Sept. 19, 1924. Serial No. 738,623. 4 Claims. (Cl. 189—37.)



1. In a structure of the class described, the combination of a pair of chords each having a longitudinal groove, and strut elements connecting said chords, said strut elements being relatively diagonally disposed, both ends of each strut being rebent at an acute angle, the metal of the chords being caused to flow into the angle of the bent ends of the struts seated in the grooves in said chords.

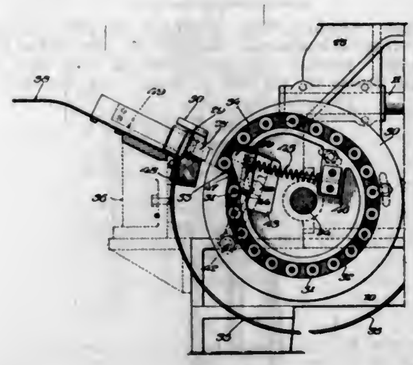
1,621,300. VALVE-STEM CAP. NICHOLAS I. WOOLSEY, Tottenville, N. Y. Filed Sept. 10, 1925. Serial No. 55,457. 4 Claims. (Cl. 152—12.)



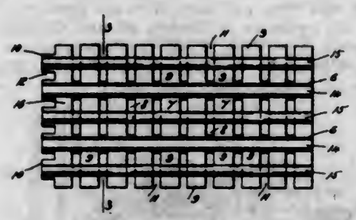
1. A valve-stem cap having a resilient washer arranged to embrace the end of a valve-stem and arranged to seal relatively spaced seats on said stem.

1,621,301. DELIVERY MECHANISM FOR BOX-FILLING MACHINES. CHARLES F. WRIGHT, Akron, Ohio, assignor to The Diamond Match Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 22, 1926. Serial No. 103,674. 9 Claims. (Cl. 198—24.)

1. The combination with a conveyer having a succession of box holders, of a delivery element movable concurrently with the conveyer and having a succession of box receivers into which the boxes are discharged from said box holders, plungers reciprocable in said receivers and having cam-engaging portions, a stationary plunger-controlling cam having an outward lead remote from the conveyer, a resilient discharge member normally positioned in the said lead and in the path of the cam-engaging portions of the plungers, said member being operative to effect the quick outward movement of the succeeding plungers, and a box-receiving element to which the boxes are transferred by the outwardly-moving plungers.



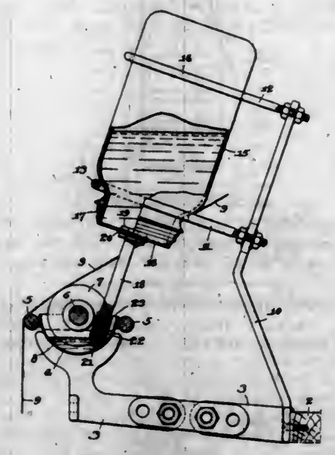
1,621,302. GRATE SECTION. WILLIAM WYAND, Absecon, N. J. Filed Apr. 5, 1926. Serial No. 99,821. 8 Claims. (Cl. 126—152.)



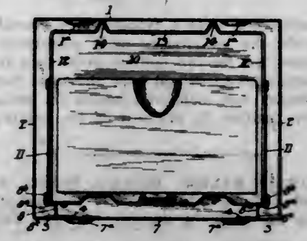
1. An integrally formed grate section for burning culm, comprising longitudinal supporting bars, inner crossbars extending between the longitudinal bars and forming oblong air channels, outer crossbars projecting from the outer sides of the longitudinal bars and forming oblong open-ended air channels, and longitudinal upwardly projecting ribs which extend crosswise over the tops of the said air channels and over the surfaces of the crossbars between them, said ribs being of much less depth than the crossbars and leaving the air channels between the crossbars substantially unobstructed.

1,621,303. YARN-OILING DEVICE. JACOB K. ALTEMUS, Philadelphia, Pa. Filed Dec. 27, 1924. Serial No. 758,383. 2 Claims. (Cl. 184—84.)

1. The combination of a receptacle for oil, an air tight oil reservoir supported above the receptacle and having a removable cap closing the lower end thereof, and a pipe supported by said cap and communicating with the lower portion of the reservoir and extending downwardly therefrom and constructed to discharge oil into the receptacle and means carried by the pipe and being longitudinally adjustable thereon and constructed to vary the height of the point of communication of the pipe with the receptacle.



1,621,304. FILING CASE. AXEL H. ANDERSSON, Benton Harbor, Mich., assignor to Baker-Vawter Company, Benton Harbor, Mich., a Corporation of Michigan. Filed Feb. 16, 1924. Serial No. 693,190. 7 Claims. (Cl. 45—2.)

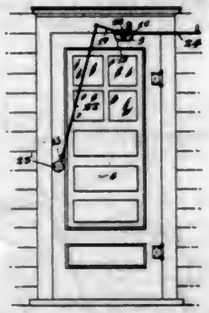


1. In a filing case, a sheet metal casing member including a top member formed with a top and opposite sides and inwardly-extending bottom flanges, and a bottom member formed with opposite upwardly-extending flanges forming a track, said bottom flanges of the top member being secured to said bottom member.

1,621,305. DOOR CHECK. HALVOR E. ANDERSON, Kenosha, Wis. Filed Jan. 28, 1926. Serial No. 84,339. 6 Claims. (Cl. 292—341.)

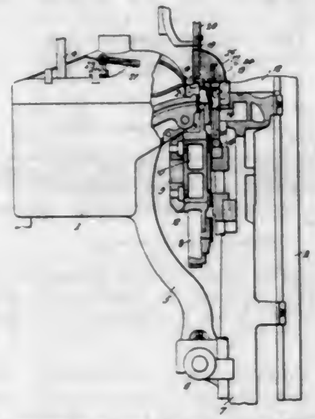
4. A door fastener comprising a bracket, means for securing the same to a door, a shelf formed on said bracket,

a jaw pivotally mounted at one end on said shelf, a semi-circular arm secured to the door frame and disposed be-



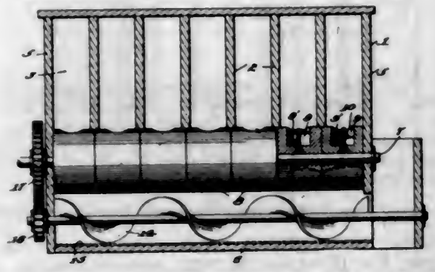
tween the open end of said jaw and said shell, resilient means for normally closing the jaw upon the arm and means whereby to release said jaw from said arm.

1,621,306. ATTACHMENT FOR TYPOGRAPHICAL MACHINES. FRANK Y. HAMBA, Astoria, N. Y. Filed May 3, 1926. Serial No. 106,182. 7 Claims. (Cl. 199—47.)



1. The combination with a typographical machine comprising a holder for matrices, a mold cooperating therewith and means for forcing molten metal into the mold, of a device arranged to extend over the joint formed between said holder and mold and means for actuating it into operative position in advance of the casting operation.

1,621,307. GRAIN MIXER. EMILE L. BENZEL, Sherman, Tex. Filed Sept. 28, 1923. Serial No. 665,370. Renewed July 22, 1926. 1 Claim. (Cl. 83—44.)



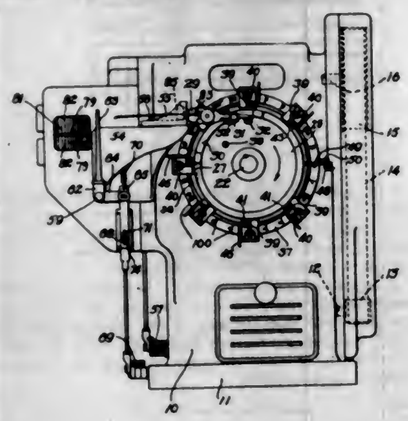
In combination, in a mixing apparatus, a bin having a plurality of compartments having open bottoms, and composite means for closing said bottoms, said composite means comprising a shaft, and a plurality of duplicate interchangeable cylindrical elements aligned on said shaft, said elements being held in proper relation to each other and to their respective compartments by end engagement with each other, and each said element being provided with a pocket extending from its outer peripheral face and adapted to receive material through the open bottom of its respective compartment.

1,621,308. GREASE GUN. MARTIN C. BERSTED, Chicago, Ill. Original application filed Nov. 27, 1920, Serial No. 426,722. Divided and this application filed Sept. 3, 1921. Serial No. 498,590. 2 Claims. (Cl. 221—47.3.)



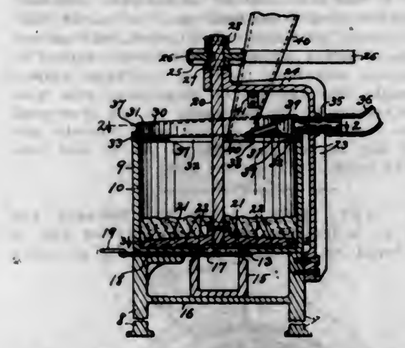
2. A grease gun comprising a barrel having a round opening in one end and an angular seat below said opening, a nut having an angular part to fit said seat and a round part to fit said opening, and a shoulder on said round part spun over to engage the end of the barrel.

1,621,309. WIRE-DRAWING APPARATUS. HARRY BLOUNT, Oak Park, and JOHN WAYLAND HERNLUND, Glen Ellyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 6, 1922. Serial No. 566,222. 18 Claims. (Cl. 205—16.)



1. In a machine for stringing dies upon wire, a drawing block, and a stationary wire storage drum positioned adjacent said drawing block whereby the wire may be transferred from and stored in close association with said drawing block as each die is strung upon the wire.

1,621,310. LIQUID-FEEDING MEANS FOR APPARATUS FOR PREPARING A MOIST CEMENTITIOUS MIXTURE OR MASS. OTTO E. BORNHAUSER and JOHN EDWARD HERMAN, Sandusky, Ohio, assignors to The Her-Born Engineering and Manufacturing Company, Sandusky, Ohio, a Corporation of Ohio. Filed June 18, 1924. Serial No. 720,740. 4 Claims. (Cl. 299—58.)

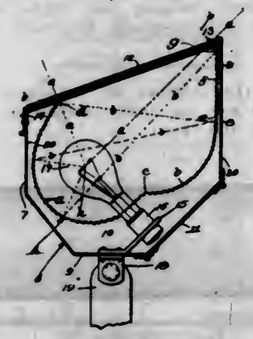


1. Liquid feeding means of the character indicated comprising an annular liquid-distributing member having a substantially horizontal annular liquid-distributing chamber which has a bottom which slopes downwardly in the direction of the outer circumference of said chamber, said chamber having a downwardly discharging annular outlet formed at the lower end of said bottom.

1,621,311. MANUFACTURE OF FERTILIZERS. GEORGE CLAUDE, Paris, France, assignor to Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude), Paris, France. Filed Dec. 20, 1923, Serial No. 681,821, and in France Jan. 24, 1923. Renewed Apr. 5, 1926. 13 Claims. (Cl. 71—9.)

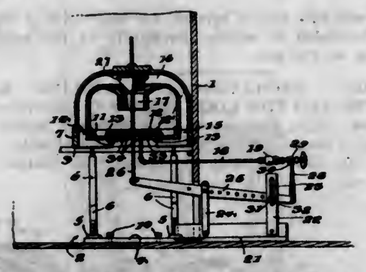
1. A process for the manufacture of a fertilizer which comprises treating a mineral containing both potassium chloride and sodium chloride with carbon dioxide, ammonia and water to form sodium bicarbonate and ammonium chloride.

1,621,312. LIGHT REFLECTOR. ARVID S. CRANDALL, Chicago, Ill. Filed Mar. 11, 1926. Serial No. 93,835. 5 Claims. (Cl. 240—3.)



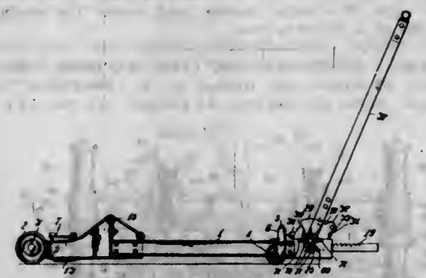
1. A light reflector having two concave, curved, light reflecting faces, the concavity of one face being relatively deep and the curved end of one face joining a curved end of the other, and one of said curved faces merging into a substantially straight face, the opposite ends of said light reflecting faces being spaced apart to provide an opening for the passage of direct and reflected light rays issuing from a light source located in the deep concave space of the reflector, said opening extending transversely of the plane of the substantially straight light reflecting face whereby light rays reflected by said substantially straight light reflecting face cross the direct light rays issuing from said opening in transverse lines.

1,621,313. OIL BURNER. GEORGE H. CROWELL, Berlin, N. H. Filed Mar. 6, 1926. Serial No. 92,776. 12 Claims. (Cl. 158—91.)



12. In an oil burner, a supporting base having an extension, a combustion chamber, a burning surface, means for supplying oil to said burning surface, a valve for varying the supply of oil, a manifold through which air passes to the combustion chamber, a valve within said manifold and co-operating therewith for automatically varying the amount of air passing therethrough as the oil supply is varied, a rod carrying said air control valve, a link operably connected to the oil supply valve, an upright member secured to the extension of said supporting base, and a lever pivotally connected to said upright member and connected at one end to the rod carrying the air control valve, and at its other end to the link operably connected to the oil supply valve.

1,621,314. LIFTING JACK. IRWIN E. DEARSLEY, Racine, Wis., assignor to Walker Manufacturing Company, Racine, Wis., a Corporation of Wisconsin. Filed Dec. 4, 1925. Serial No. 73,187. 21 Claims. (Cl. 254—2.)



1. In a lifting jack, an elevating and lowering mechanism comprising a pivoted reversing member, a means for automatically rotating the member in one direction, a locking cam for moving the member in the opposite direction against the action of the means to an inoperative position, and a lever pivoted on the axis of the reversing member and adapted to operate the cam.

1,621,315. BAKING PAN. ELIZABETH D'EVLYN, Chicago, Ill., assignor of one-half to Earl J. Brown, Chicago, Ill. Filed May 20, 1925. Serial No. 31,480. 2 Claims. (Cl. 53—6.)

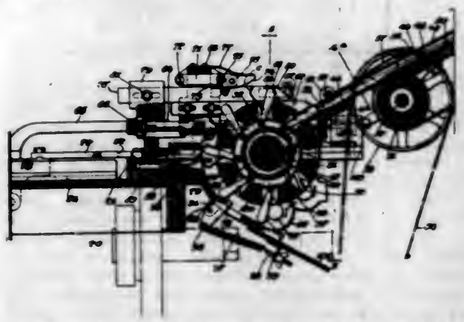
1. The combination with a pie pan comprising a bottom, an upwardly flared side, and an annular rim projecting outwardly from the top of the side, of a sheet

metal ring comprising an upwardly and outwardly flared annular wall conforming to and fitting snugly against the side wall of the pan beneath the rim, an annular



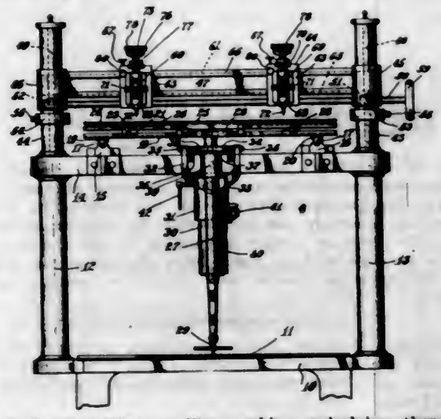
outer side-wall and a bottom, the side wall of the ring being extended to project outwardly of the margin of the rim of the pan.

1,621,316. MECHANISM FOR FILLING MATCH SAFES AND THE LIKE. JOSEPH C. DONNELLY, Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill., a Corporation of Illinois. Filed May 16, 1925. Serial No. 30,646. 13 Claims. (Cl. 226—4.)



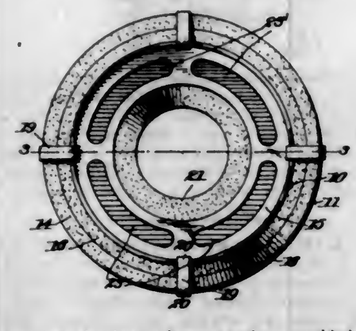
1. In mechanism for filling match safes having hinged lids, the combination of a turret having peripheral openings therein for the reception of the safes, means for rotating said turret to advance the said openings to and past successive stations, means at one station for feeding a row of match safes having closed lids toward said turret and entering the safes in succeeding openings of the turret, means for opening the said lids at a second station, means for introducing matches into the open safes at a third station, and means for closing the lids at a fourth station.

1,621,317. ENGRAVING OR LIKE MACHINE. WILLIAM S. EATON, Sag Harbor, N. Y. Filed July 12, 1923. Serial No. 650,994. 14 Claims. (Cl. 90—13.1.)



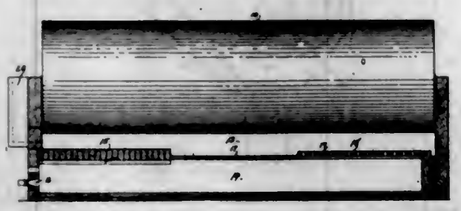
1. An engraving or like machine embodying therein a work support universally movable upon a single plane, a pattern table, a transmitter arm, a universal joint connecting one end of said transmitter arm with said work support, a tracing stylus carried by the other end of said arm, a universal support for said arm intermediate its ends, parallel, vertically extending guides above and adjacent said work support, a cross-head mounted upon said guides and capable of movement toward and from said work support, means imparting movement to said cross-head for setting said cross-head, means whereby said cross-head may be moved independently of said last named means toward and from said work support, and a plurality of tool-heads carried by said cross-head embodying therein a tool point adapted to be brought into and out of engagement with work upon said support by the movement of said cross-head, and means carried by each of said heads whereby said tool point may be adjusted with relation to said head to vary the depth of cut by the point.

1,621,318. ANT TRAP. ARTIST A. EDWARDS and ROBERT L. MCDONALD, Wilson, Okla. Filed Feb. 5, 1924. Serial No. 690,713. 1 Claim. (Cl. 43—121.)



An ant trap having a lower section provided with an upstanding inclined marginal wall and a substantially central opening, an upper section having a depending wall provided with an inclined portion flush with the first inclined portion and a portion in telescopic relation with the said wall, an entrance wall depending from the upper section through and below said opening, the interior of the trap constituting a captive chamber, and the upper section having an entrance to said chamber intermediate said depending wall and said entrance wall, said sections having beads integral therewith at the margins of their upper and lower walls, respectively, clips resiliently clasping said beads, and flanges depending from said upper wall marginally of said entrance.

1,621,319. STILL. HARRY E. GILBERT, Bridgeport, Conn. Filed Mar. 20, 1925. Serial No. 16,906. 4 Claims. (Cl. 196—116.)



1. In a still, the combination of a container substantially horizontally disposed, a firebox having a top in spaced relation to the bottom of the container, a burner at the forward end of the firebox, the top of the firebox being divided in zones of heat-conducting qualities of

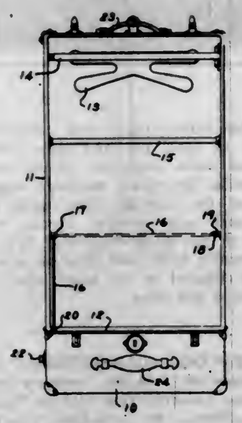
various degree, the zone nearest the burner being the least heat-conducting and the zones more remote from the burner progressively greater heat-conducting, for the purpose of making the said top uniformly radiant.

1,621,320. PRESSURE GAUGE. JOSEPH F. GRIFFIN, Brooklyn, N. Y., assignor to The Superheater Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 3, 1923. Serial No. 666,262. 8 Claims. (Cl. 73—109.)



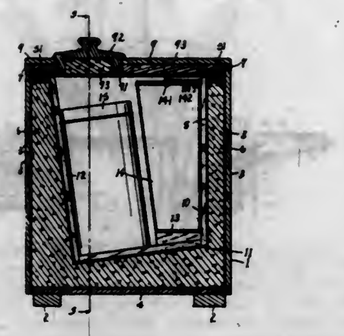
1. In a pressure gauge, the combination of a main Bourdon tube connected with a source of oscillating pressure, an indicating needle, mechanism connecting said needle with said main Bourdon tube, the latter and said mechanism possessing an inherent flexibility of predetermined degree, an auxiliary Bourdon tube connected with the same source of oscillating pressure, an oscillation indicator, and resilient connection between the indicator and said auxiliary Bourdon tube, the latter and its connections possessing an inherent flexibility of lesser degree that that of the main Bourdon tube and its connections, whereby said auxiliary Bourdon tube is flexed to absorb the shocks of said pressure oscillations and said indicating device is actuated to indicate said oscillations.

1,621,321. WARDROBE-TRUNK CONSTRUCTION. EMMA B. HANSON, New Rochelle, N. Y. Filed Dec. 3, 1925. Serial No. 72,911. 1 Claim. (Cl. 190—13.)



In a trunk of the steamer type, a body section, a cover section, said cover section being hinged across one end to the body section and arranged to serve as a wardrobe compartment, a rod hinged at one end to a side wall of the cover section and adapted to extend across the compartment and be removably attached to the opposite side wall to hold garments in place in the compartment, and said rod being adapted to be swung about its hinged end and attached at the other end to the body section, whereby to serve as a diagonal brace rod, to hold the cover in erect position.

1,621,322. REFRIGERATOR. HAROLD A. HAWN, Grand Rapids, Mich. Filed Jan. 19, 1926. Serial No. 82,243. 3 Claims. (Cl. 62—75.)



1. A cabinet refrigerator comprising an outer open top insulated casing, an interior lining with bottom inclined toward the front and with inclined front wall, spacer strips on said walls and bottom, and supports with level tops resting on said bottom spacers at the rear, a cylindrical can supported on said bottom spacer strips and resting against the inclined front spacer strips, a refrigerant container with inclined front portion and level bottom adapted to rest on said supports in spaced relation to the rear wall against the rear spacer strips and to the rear of and overhanging the rear portion of said can, and removable covers for the top of said casing, coacting as specified.

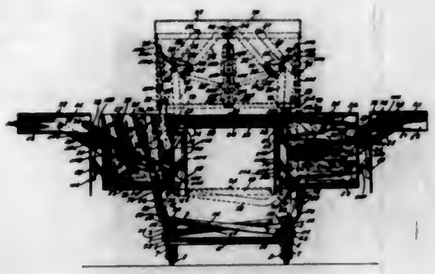
1,621,323. ARM SLING. EFFIE M. HORN, Palisade, Colo. Filed Aug. 21, 1926. Serial No. 130,702. 1 Claim. (Cl. 128—94.)



In an arm sling, a tubular arm receptacle, shoulder straps connected to opposite ends thereof, horizontally aligned eyelets carried by the tubular receptacles at op-

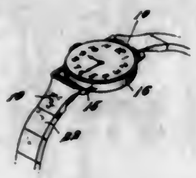
posite sides of the longitudinal center thereof and tapes at the ends of the arm straps for passage through said eyelets and connection with one another, said shoulder straps having their outer edges substantially coinciding with the outer ends of the tubular member and their inner ends connected with the tubular member substantially at the center thereof.

1,621,324. DESK CONSTRUCTION. JOHN A. HUGHES, Waco, Tex. Filed June 7, 1926. Serial No. 114,341. 13 Claims. (Cl. 45—52.)



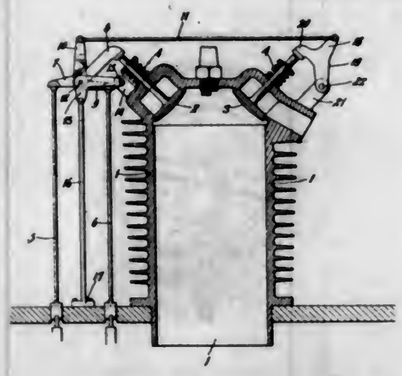
1. An article of furniture for the purpose set forth comprising a truck, a pair of synchronously shiftable rock shafts journaled therein, a pair of actuating members fixed to each end of each shaft exteriorly of the truck and bodily carried with said shaft, a vertically movable article support arranged between the pairs of actuating members, a pair of normally closed file cases arranged over said article support and oppositely shiftable relatively to each other, a shifting arm pivotally connected between each pair of actuating members and further pivotally connected to said support, and connections between said actuating members, arms and cases to provide, on the manual shift of one case from the other the synchronous shifting of the cases to open position at the sides of said support and further for moving the support to its elevated position and on the manual shift of one case towards the other to synchronously shift said cases to closed position and in abutting relation above said support and further for moving the support to its lowermost position.

1,621,325. BRACELET HOOK. AUGUST F. KRAEMER, Providence, R. I., assignor to Louis Stern Company, Providence, R. I., a Corporation of Rhode Island. Filed May 20, 1926. Serial No. 110,562. 6 Claims. (Cl. 24—233.)



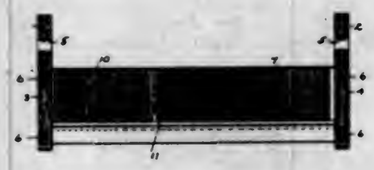
1. A sheet metal bracelet hook formed of a body portion having a front plate with side flange and having a hook at one end thereof, and a spring tongue having one end portion arranged to close the hook, its opposite end portion being fulcrumed against the inner surface of said front plate and having a part folded upon itself and retained in operating position by said body flanges.

1,621,326. INTERNAL-COMBUSTION ENGINE. CHARLES L. LAWRANCE, New York, N. Y., assignor to Wright Aeronautical Corporation, a Corporation of New York. Filed Mar. 3, 1924. Serial No. 696,438. 2 Claims. (Cl. 123—90.)



1. The combination of an engine cylinder having inlet and exhaust ports at opposite sides thereof; poppet valves controlling said ports; a fulcrum at one side of said cylinder; a bell crank and a valve actuating rocker, both mounted on said fulcrum, said rocker being in operative relation with one of said valves; a valve rocker in operative relation with the other of said valves and a link connecting said last named rocker and said bell crank.

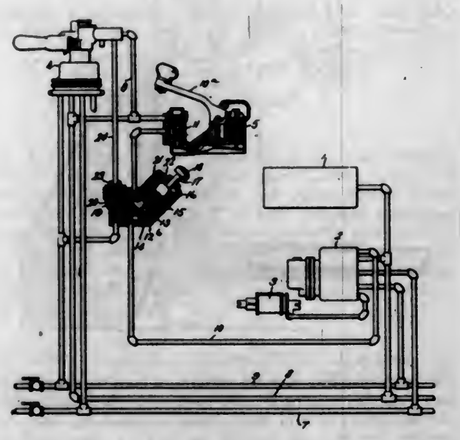
1,621,327. RACK FOR BATTERY PLATES. SOLOMON A. LEHMAN, Fort Wayne, Ind. Filed June 26, 1925. Serial No. 39,659. 3 Claims. (Cl. 136—82.)



1. A portable battery-plate rack comprising a hollow frame having an open top and open bottom and also having its end walls projecting below the lower edges of its side walls, insulating members supported on the inner faces of the opposite side walls of the frame respectively, each said member having a plurality of vertical slots in its exposed vertical face, and a flange projecting laterally from said face of each member and adapted to be engaged by the lower edge of the battery plates disposed in the slots.

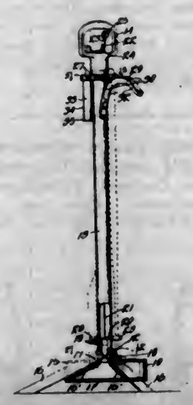
1,621,328. SAFETY CAR-CONTROL EQUIPMENT. GEORGE MACLOSKIE, Erie, Pa., assignor to General Electric Company, a Corporation of New York. Filed July 20, 1926. Serial No. 123,756. 7 Claims. (Cl. 303—19.)

1. In a safety car control equipment, the combination with a brake valve having a removable handle, a controller handle, and a valve operated upon the release of the controller handle for venting fluid to effect an application of the brakes, of means operative upon the removal of the handle of said brake valve for effecting the



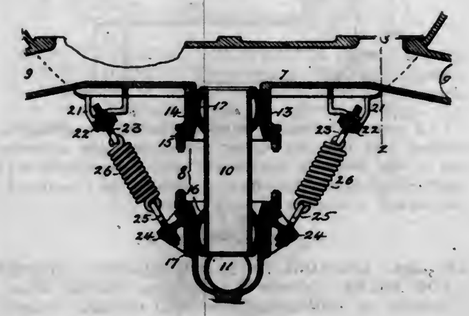
closing of the communication through which fluid is vented by the operation of said valve which is operated upon release of the controller handle.

1,621,329. GOLF-STICK CARRIER. ADOLPH W. MALONE, Fillmore, Utah, assignor of one-half to Albert H. Vestal, Anderson, Ind. Filed Sept. 1, 1926. Serial No. 132,972. 9 Claims. (Cl. 150—1.5.)



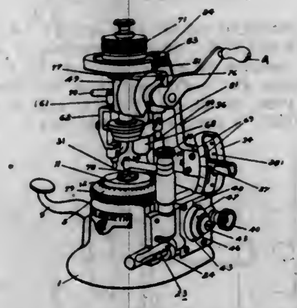
9. A carrier comprising a standard, a handle adjacent the upper end thereof, a base at the lower end thereof, supporting legs pivoted to said base, spring means for maintaining said supporting legs in inoperative position, a trigger associated with the handle, and a connection between said supporting legs and said trigger for moving the legs to operative position substantially as set forth.

1,621,330. STEAM-PIPE SUPPORT FOR ARTICULATED LOCOMOTIVES. JAMES C. MARIS and HENRY K. HARWICK, Philadelphia, Pa. Filed Sept. 15, 1926. Serial No. 135,577. 3 Claims. (Cl. 105—47.)



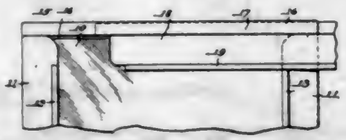
1. The combination in an articulated locomotive in which the boiler overhangs the front frame, of a flexible steam supply pipe connected at one end to a distributer on the boiler, and at the other end to the forward cylinder structure, with supporting springs, one located on each side of the pipe, and arranged diagonally at the upper ends of the pipe, the upper ends of the springs being attached to the boiler structure.

1,621,331. LENS CUTTER. ALBERT E. MAYNARD, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed July 22, 1922, Serial No. 576,846, and in Great Britain July 6, 1922. 7 Claims. (Cl. 33—28.)



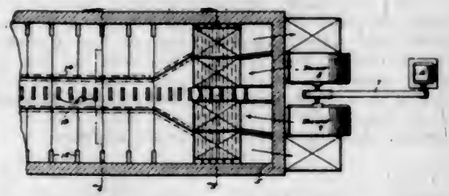
1. In a machine of the character described, a base, a lens support on the base, a cutter member having a cutter adapted to cut a lens supported on the lens support, a lens former support, a former comprising a plurality of exact lens shapes of lenses to be cut rotatably carried by the former support, a former contact member on the cutter member contacting with a selected lens shape, means for moving the former support to bring the selected lens shape into engagement with the contact member, and means for rotating said lens support and former in synchronism, whereby the cutter will cut the lens on the support to the same configuration as the lens shape in contact with the contact member.

1,621,332. SASH FRAME. HENRY C. MILLS, Cleveland, Ohio. Filed June 15, 1926. Serial No. 116,176. 6 Claims. (Cl. 189—76.)



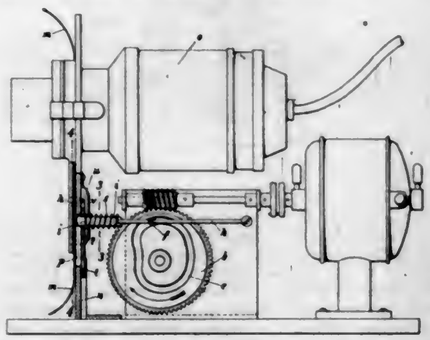
1. A rectangular metal frame of the class described including four inwardly facing channelled side members, one of said members including a section removable by a longitudinal sliding movement to permit the insertion or withdrawal of a glass pane or the like.

1,621,333. HEATING UNIT AND HEATING SYSTEM FOR KILNS. MORITZ L. MUELLER, Seattle, Wash., assignor to Northwest Blower Kiln Company, Seattle, Wash., a Corporation of Washington. Filed Oct. 11, 1926. Serial No. 140,902. 11 Claims. (Cl. 34—46.)



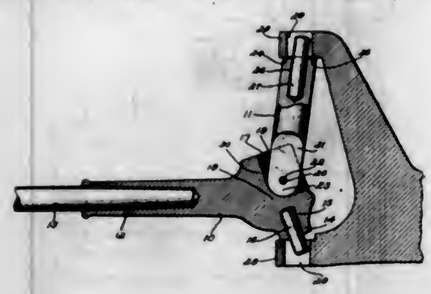
1. In combination with a kiln comprising elongated pressure air and suction air ducts and means for maintaining a flow of air therein, of a transversely extending heating unit of such length as to lie within and substantially span such pressure air and suction air ducts, and means for supplying a heating fluid to such unit from an external source.

1,621,334. DRIVING GEAR FOR FILMS IN PROJECTION APPARATUS. WILLY REICHMANN, Hamburg, Germany, assignor, by mesne assignments, to National Screen Service, Inc., a Corporation of New York. Filed July 31, 1926, Serial No. 126,222, and in Germany Mar. 24, 1925. 3 Claims. (Cl. 88—18.4.)



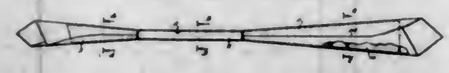
2. Intermittent driving mechanism for perforated films in projection apparatus comprising a lever having a stationary fulcrum, means adapted to oscillate said lever, a feeding member mounted upon the free end of the said lever and movable with respect to said lever towards and away from the said film, a spring adapted to normally urge the said feeding means into engagement with the film, and control means adapted to move said feeding means away from said film upon the return movement of the said lever.

1,621,335. EXPANDING TOOL. ALOYSIUS A. ROESCH, Andover, Mass. Filed Sept. 20, 1926. Serial No. 136,605. 4 Claims. (Cl. 81—15.)



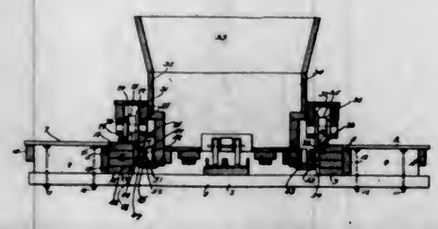
3. An expanding tool comprising a pair of cooperative work engaging members, lever means for effecting the relative movement of said work engaging members, and a removable locating pin carried by each of said work engaging members.

1,621,336. NECKTIE AND LINING. SAMUEL RUTENBERG, New York, N. Y. Filed June 29, 1926. Serial No. 119,388. 1 Claim. (Cl. 2—146.)



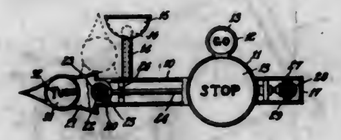
A necktie comprising a body having the edges of the fore end thereof permanently secured together to within a short distance of its end, and a lining for the fore end, said lining consisting of a strip of stiff material and a covering enclosing the same, the covering and strip being secured together and to the neck section of the tie, and the body of said fore end being secured to the lining adjacent the neck section and unattached throughout the remainder of its length.

1,621,337. COASTER-TRACK STRUCTURE. HERBERT P. SCHMECK, Philadelphia, Pa., assignor to Philadelphia Toboggan Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 20, 1926. Serial No. 155,973. 15 Claims. (Cl. 104—248.)



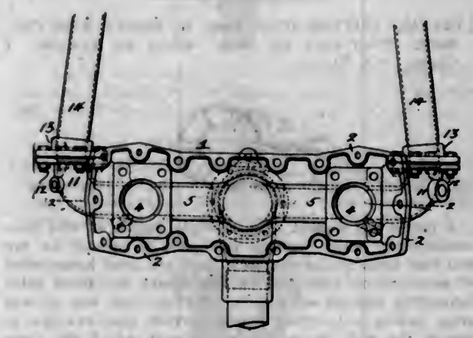
1. In combination, a coaster having abutting surfaces and also a supporting wheel, a track beam, a wearing element mounted on said beam and positioned in operative relation to one of said abutting surfaces, and a safety rail disposed in abutting relation to the other of said surfaces, whereby lateral and vertical displacement of said coaster may be limited to a desired extent.

1,621,338. AUTOMOBILE DIRECTION SIGNAL. GODFRIED SCHOCK, Cleveland, Ohio. Filed Apr. 7, 1926. Serial No. 100,232. 3 Claims. (Cl. 116—51.)



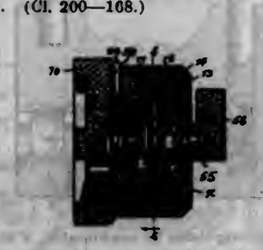
1. A signalling device comprising a rotatable housing fashioned as an arrow, a glass face in said housing, a casing supporting said housing, said casing having a fork at one end, tongues on said movable housing positioned intermediate said fork, a spindle rotatably journalled in said fork and rigid with said casing, a bevel gear on said spindle and means engaging said gear to rotate said housing from the vertical to the horizontal position or vice versa.

1,621,339. MALLET LOCOMOTIVE. ELLWOOD M. SHANNON, Bala, Pa. Filed Sept. 3, 1926. Serial No. 133,393. 3 Claims. (Cl. 105—47.)



1. The combination in a simple "Mallet" locomotive, of a smoke box, of a boiler; a distributor secured to the underside of the smoke box and having a steam chamber therein; a passage in the structure arranged to be connected to the boiler, and said structure having passages arranged to communicate with the pipes leading to the cylinders on the forward frame and cylinders on the rear frame of the locomotive.

1,621,340. ROTARY SNAP SWITCH. GEORGE B. THOMAS, Bridgeport, Conn., assignor to The Bryant Electric Company, Bridgeport, Conn., a Corporation of Connecticut. Filed July 13, 1921. Serial No. 484,353. 2 Claims. (Cl. 200—168.)



1. In a rotary snap switch, an insulating body comprising superposed sections and means for uniting the same to form a rigid body unit, the upper surfaces of said sections lying in planes capable of being machined, upper and lower banks of contacts mounted on said surfaces, in combination with a switch spindle, and upper and lower banks of switch blades thereon cooperating with the said contacts, the engaging surfaces of said blades and contacts lying in planes substantially normal to the axis of the switch spindle.

1,621,341. LOCKING ATTACHMENT FOR INCANDESCENT LAMPS. THEODORE B. H. VOGT, Passaic, N. J., assignor to General Electric Company, a Corporation of New York. Filed Apr. 2, 1921. Serial No. 457,991. 4 Claims. (Cl. 173—356.)



1. A locking attachment for incandescent lamps comprising a metal sleeve threaded at one end to enter a socket and at the other end to receive a lamp, a locking member carried by said sleeve actuated by the insertion of the lamp to positively engage said socket, and mahually controlled means to lock the lamp to said sleeve.

1,621,342. ATTACHMENT FOR ARCTICS. JAMES H. WEBBER, Carrolltown, Pa. Filed June 11, 1926. Serial No. 115,332. 2 Claims. (Cl. 36—72.)

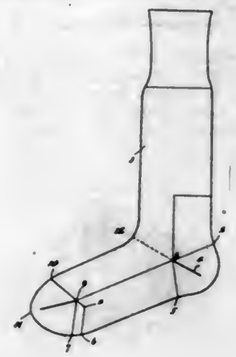


1. An attachment for an arctic formed of semi-rigid and springy material and comprising a cylindrical body adapted to fit within the upper end of the arctic and a rolled top for receiving the upper edge of the arctic and frictionally engaging the same.

1,621,343. SEAMLESS HOSIERY AND METHOD OF MAKING SAME. JAMES CLAUDIUS WILLIAMS, Dalton, Ga., assignor to Dalton Hosiery Mills, Dalton, Ga., a Corporation of Georgia. Filed July 16, 1926. Serial No. 122,918. 7 Claims. (Cl. 66—187.)

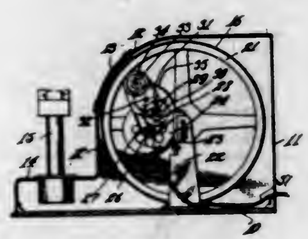
1. In a process for manufacturing seamless hosiery having the usual seamless toe pocket commenced on substantially half the needles, the step of inserting a seg-

ment of fabric between the toe and heel by reciprocating knitting on a number of needles varied by picking, said half the needles being in action when knitting the course



which meets the inner ends of the toe gores, and fewer of said needles in action in the other courses of the segment.

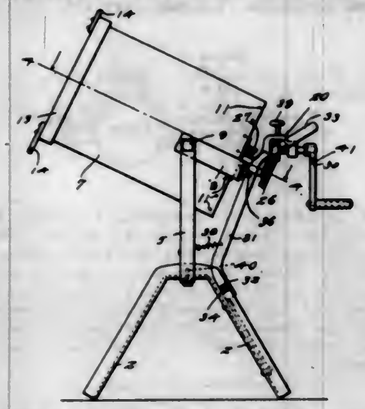
1,621,344. MECHANICAL ADVERTISING DEVICE. JAMES TRESTER ADDLEBURG and LLEWELLYN MARSHALL FOX, Greeneville, Tenn. Filed Sept. 8, 1926. Serial No. 134,199. 3 Claims. (Cl. 40—33.)



1. A mechanical advertising device comprising a casing having a rear enlarged part and a forward low portion adapted to support a cigar lighter or the like in front of the enlarged part, a transparent window mounted in the enlarged part adjacent to the upper end of the cigar lighter, a drum mounted for rotation in the enlarged part of the casing and adapted to carry a number of displays on its periphery, a support in the casing, an electric motor mounted on the support, a gear casing hinged upon the shaft of the motor, a train of gears in the gear casing, and a friction wheel carried upon the outer end of the casing and connected to said train of gears, the weight of said casing and gears adapted to maintain the friction disc against the inner side of the drum for driving the same.

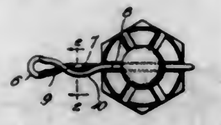
1,621,345. MIXING MACHINE. NEWTON M. ANDERSON, Bedford, Ind. Filed June 11, 1925. Serial No. 36,451. 7 Claims. (Cl. 83—73.)

1. A mixing machine comprising a stand, a stirrup pivoted to the stand, means releasably holding the stirrup against movement, a bracket secured to the stirrup and including angularly related arms, a shaft journaled in one of said arms, a drum secured to the shaft, a second



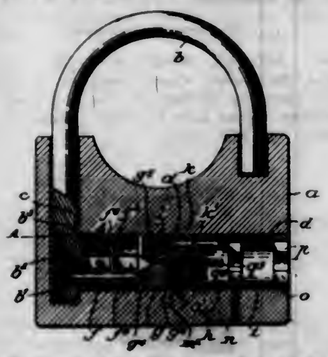
shaft journaled in the other of said arms, meshing gears carried by said shafts, and a hand crank secured to said second shaft.

1,621,346. COTTER PIN. EARL W. BEATTY, Falls City, Nebr. Filed June 28, 1926. Serial No. 119,189. 1 Claim. (Cl. 74—8.)



A cotter pin formed from a single length of wire bent substantially upon itself at its center to provide an eye and two arms projecting from said eye, said arms being of semi-circular cross section and having flat inner sides contacting slidably with each other, at least one of said arms having a laterally bowed portion near the eye to engage the wall of an opening through which the arms are forced to effect spreading of the arms at their free ends, said eye, said flat sides and said bowed portion being disposed in substantially the same plane.

1,621,347. PADLOCK. HEINRICH BIEMER, Berlin, Germany. Filed May 18, 1922, Serial No. 544,799, and in Germany May 7, 1921. 3 Claims. (Cl. 70—108.)



1. A padlock comprising in combination, a body portion, a bow displaceable relative to said body portion and having one of its shanks journaled in the latter, said body portion having a bore perpendicular to said shank, a lock cylinder in said bore, a spring-influenced locking

bolt for cooperating with a shank of the bow and arranged parallel to said lock cylinder, a cam member for displacing the locking bolt upon a rotation of the lock cylinder, and means for maintaining the lock cylinder in locking position.

1,621,348. YARN. ALBERT BOLLER, Wetzikon, Switzerland. Filed May 17, 1926, Serial No. 109,782, and in Switzerland Oct. 17, 1925. 3 Claims. (Cl. 117—52.)



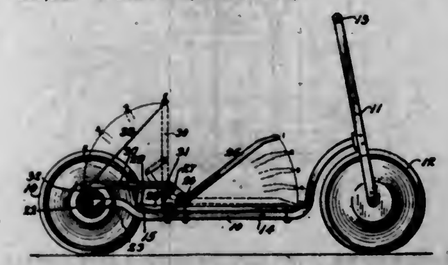
1. A yarn for knitted fabrics consisting of a hard twist yarn and a loosely twisted thread, said thread being helically wound around said yarn.

1,621,349. ELECTRIC FUSE. GEORGE R. BROWN, Bridgeport, Conn., assignor to General Electric Company, a Corporation of New York. Filed July 20, 1926. Serial No. 123,762. 4 Claims. (Cl. 200—130.)



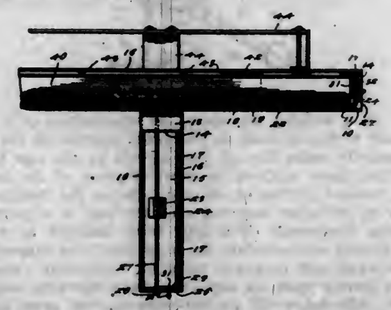
1. An electric fuse comprising an insulating base provided with a gas passageway, and a metal shell enclosing an end of said base and the passageway therein, said shell forming with said base an expansion chamber for the gases and having in the wall thereof inwardly opening exit passages from said chamber.

1,621,350. TOY VEHICLE. ARTHUR S. BURKE, Sioux Falls, S. Dak. Filed Sept. 18, 1926. Serial No. 136,332. 9 Claims. (Cl. 208—35.)



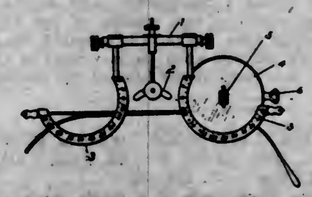
1. In a toy vehicle, a frame provided with supporting wheels, one of which is propelled, a power lever, an actuating lever connected to the wheel to be propelled, and a connection between said levers by which a greater extent of travel is transmitted to the actuating lever than the extent of travel imparted to the power lever.

1,621,351. COMBINATION TAIL LIGHT AND ILLUMINATED LICENSE PLATE. PHILIP E. CLEMENT, Manchester, N. H. Filed June 19, 1926. Serial No. 117,155. 1 Claim. (Cl. 40—132.)



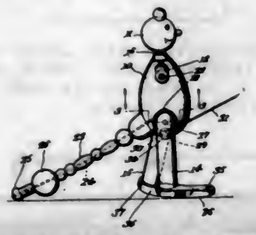
In a device of the character described, a casing having an opening formed in the front wall thereof, a stencil plate alignable with the opening and when aligned therewith having one end thereof engaged with one end wall of the casing, the opposite end wall of the casing having an opening, a door for said opening hinged to the rear wall of the casing and when in the closed position having its free edge abutting the opposite end of the stencil to thereby prevent longitudinal movement of the stencil, means for locking the door in closed position including a rod of greater length than the distance from the bottom of the casing and the top of the opening of said end wall, the outer face of the door having a vertically directed eye, the bottom wall of the casing having an opening with which the eye aligns when the door is in closed position, means for securing the rod in position, including a hook upon the lower end of the rod adapted to underlie the bottom wall of the casing, an extension upon the bill of the hook adapted to overlie the bottom wall of the casing, when the rod is in its latching position and openings formed in the bottom wall of the casing between which the extension may be disposed whereby a seal wire is directed through said openings and over the extension and will lock the rod in position.

1,621,352. MEASURING INSTRUMENT. BERNARD P. CURRIER, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Apr. 10, 1922. Serial No. 551,134. 7 Claims. (Cl. 33—200.)



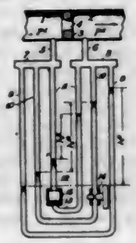
7. A measuring instrument for a trial frame and lens cell, comprising a disc having a central opening and supported by said lens cell, guide sleeves arranged on both sides of the opening, a movable indicating bar arranged within said opening and guide sleeves and an arcuate shaped pad carried by one end of said indicating bar and adapted to rest against the eye.

1,621,353. TOY. JOHN JAMES DAHLSTROM, New Orleans, La., assignor to Walkee Toy & Novelty Co., Inc., New Orleans, La., a Corporation of Louisiana. Filed July 30, 1926. Serial No. 126,009. 2 Claims. (Cl. 46—40.)



2. In a walking toy figure, the combination of a body, a pair of legs pivoted to the lower portion of the body at opposite sides thereof, feet carried by the legs having inclined lower surfaces to effect stepping of the feet by the forward motion of the body, means for limiting the forward swinging movements of the legs, a support projecting rearwardly from the body adapted to engage the ground and maintain the body from over-balancing in a forward and rearward direction, outwardly extending arms carried upon the opposite sides of the body near the top of the figure for counter-balancing the same against tilting sidewise, and a draw string having branches attached to said legs at points beneath the pivotal connections of the legs with the body for normally urging the legs in a forward direction and for disposing the line of draft of the figure beneath the pivotal connections of the legs with the body.

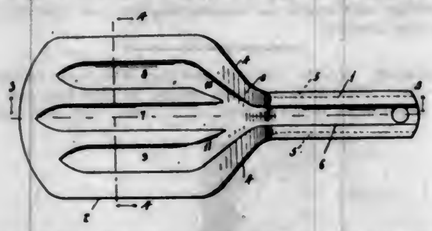
1,621,354. PULSATION COMPENSATED METER. CLARENCE A. DAWLEY, Plainfield, N. J. Filed Dec. 21, 1921. Serial No. 523,902. 5 Claims. (Cl. 73—167.)



1. A pulsation compensated flow meter comprising a movable element actuated by head and subject to the pulsating head of the metered fluid, means retarding said moving element in both directions, the degree of retardation being greater in one direction than in the other but in definite relation thereto, said retarding means comprising a liquid valve device having a displaceable valve member which affords, when seated, a port opening of less area than the port opening when the valve is unseated, the port of less area being effective when the movement of the movable element is induced by the head of the metered fluid.

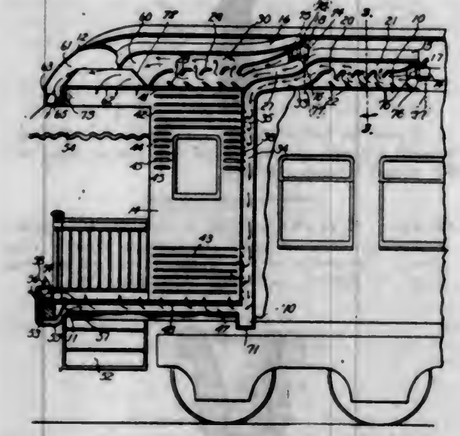
1,621,355. PIE-PLATE SCOOP. WILLIAM H. DE CAMP, Van Wert, Ohio. Filed Feb. 26, 1925. Serial No. 11,859. 1 Claim. (Cl. 294—32.)

A pie plate scoop made of a single blank of metal comprising a handle and a relatively wide flat scoop, said scoop being rounded at the rear end whereby the handle is elevated, said scoop being adapted for rocking on said end after engagement with a pie plate, a plate retaining flange on each edge of the scoop adjacent the handle, the side edges of the handle being bent thereunder to reinforce and strengthen the same, a depressed rib extending continuously from the end of the handle to approximately the relatively opposite end of the scoop, and said



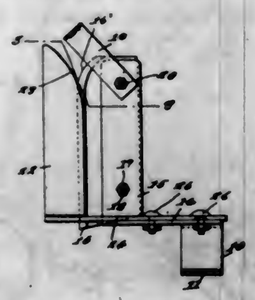
scoop having depressed ribs merging into the first mentioned rib along diverging lines at the rounded rear end of the scoop.

1,621,356. DUST-PREVENTING DEVICE FOR REAR PLATFORMS OF VEHICLES. CEPHUS H. DICKEY, Kansas City, Kans. Filed Aug. 21, 1926. Serial No. 130,653. 20 Claims. (Cl. 105—350.)



1. The combination with a vehicle body having a rear platform, of means for supplying air to said platform at the end thereof adjacent the vehicle body and adjacent the end thereof remote from said vehicle body.

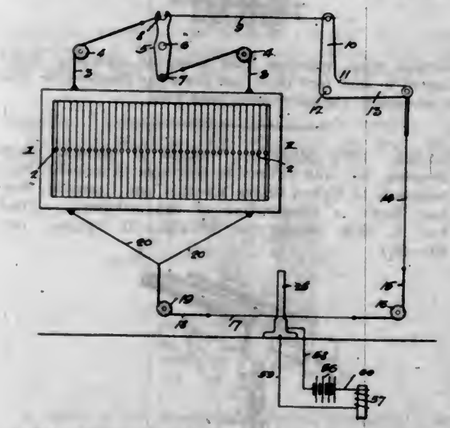
1,621,357. TWINE AND ROPE CUTTER. DANIEL S. DILLENBACH, Hastings, Nebr. Filed June 19, 1926. Serial No. 117,124. 4 Claims. (Cl. 30—14.)



1. In a device of the class described, a knife blade, a vertical support therefor, a plate member carrying said support and extending horizontally, means for mounting

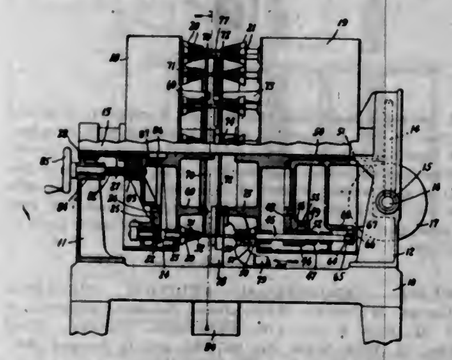
the plate member, a shield comprising a plurality of members overlapping the edge of the blade for a portion of its length, these members each including a foot portion, and means for adjustably mounting the foot members on the plate.

1,621,358. ELECTRIC STOP MOTION FOR LOOMS. JAMES DONNELLY, Philadelphia, Pa. Filed July 22, 1926. Serial No. 124,165. 5 Claims. (Cl. 139—337.)



1. In combination with a loom employing heddle frames, a normally taut harness for operating each of said heddle frames and an electrical stop motion for said loom, each harness including a horizontally extending element; an independent normally open switch for each harness having a fixed contact and a movable contact, said movable contact being operatively associated with the horizontal element of said harness, said movable contact being adapted to engage said fixed contact when the harness becomes slack; a frame bridging said horizontal element for supporting said contacts; means for insulating one of said contacts from said frame; a frame for supporting said movable elements in said bridge frame; means for adjusting said supporting frame relative to the normal operating plane of said horizontal element and means for adjusting said fixed contact relative to said movable contact.

1,621,359. GLASS-WORKING MACHINE. JOHN T. FAGAN and JOHN J. MALLOY, Cleveland, Ohio, assignors to General Electric Company, a Corporation of New York. Filed Feb. 7, 1921. Serial No. 442,958. 5 Claims. (Cl. 49—2.)



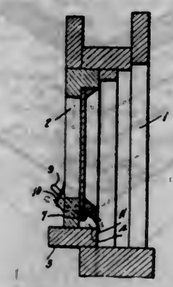
1. In a glass working machine, means for holding each end of a glass tube blank, means for successively advancing a series of said holders, means for aligning said blanks relative to each other, means for continuously and synchronously rotating said holders during their advancement, means for heating the rotating blanks locally and means for applying a gradual pull longitudinally of the said heated blanks whereby a contraction is formed on each of said blanks.

1,621,360. INCANDESCENT LAMP. ROBERT N. FALGE, Cleveland, Ohio, assignor to General Electric Company, a Corporation of New York. Filed Apr. 22, 1922. Serial No. 556,080. 2 Claims. (Cl. 176—34.)



1. An electric incandescent lamp for vehicle headlamps comprising a base, a concentrated filament and a clear glass bulb having its wall of substantially uniform thickness throughout and having that portion thereof opposite to the base of the lamp of substantially spherical contour but slightly rippled so as to prevent the back reflection of a definite image of the filament without affecting appreciably the light transmitted therethrough.

1,621,361. CASEMENT-WINDOW WEATHER STRIP. ISAAC W. FISHER, Laguna Beach, Calif. Filed Dec. 31, 1924. Serial No. 759,118. 1 Claim. (Cl. 20—65.)

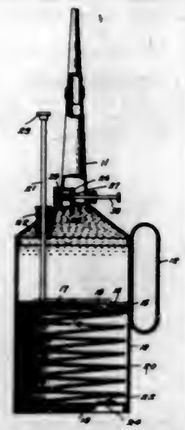


In a casement window, a sash having a rabbet at the lower portion of its outer face, plates at opposite sides of the sash closing the ends of said rabbet, a rod journaled in said plates, a weather strip on the rod to extend below the sash and engage over the outer edge of the sill of the window, an arm integral with one end of the rod having a grip parallel to the major portion of said rod and also integral with the rod, said grip being disposed in the rear of the sash, and one of the plates having a portion extending to the rear of the sash to coact with said grip.

1,621,362. OIL CAN. PHILIZA H. FONTAINE, Petersburg, N. Dak., assignor of one-half to Leo F. Boedigheimer, Petersburg, N. Dak. Filed Aug. 30, 1926. Serial No. 132,557. 1 Claim. (Cl. 221—48.)

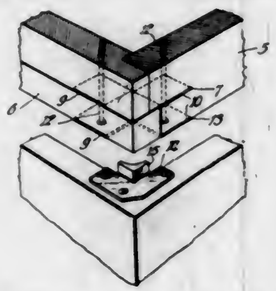
An oil can including a spout, a valve controlling communication between the spout and can, said can having a filling opening in the bottom thereof, a cap normally closing said opening, a plunger operable within the can and having a sealing fit with the body to suck oil into the can through the filling opening when moved in one direction, a spring influencing said plunger in one direc-

tion, a rod connected with the plunger for depressing the latter against the tension of said spring, said plunger having a central opening, a check valve reposing upon



said plunger and normally closing said opening, and adapted to be opened when the plunger is depressed to allow the oil admitted to the can to pass into the upper portion of the latter.

1,621,363. BOX OR CRATE. AMOS L. FOREMAN, Chicago, Ill., assignor to Milk Bottle Crate Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 11, 1924. Serial No. 691,942. 1 Claim. (Cl. 217—69.)



The combination with a box or crate, of means for reinforcing and strengthening an exposed corner of the same, said means comprising an angularly bent channel member embodying a web and pairs of flanges applied to the inner walls of the box or crate at an exposed corner thereof, the web of said channel member providing a facing for the meeting inner walls of the box or crate at said corner and one flange of each pair being embedded in said walls and the other flanges bearing against the exposed edges of the box or crate at said corner, and fastenings projecting through said flanges and embedded in the box or crate.

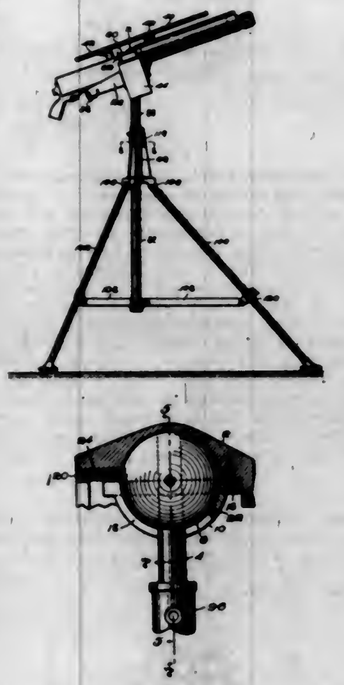
1,621,364. ATTACHMENT PLUG AND RECEPTACLE. GILBERT W. GOODRIDGE, Bridgeport, Conn., assignor to The Bryant Electric Company, Bridgeport, Conn., a Corporation of Connecticut. Filed July 23, 1921. Serial No. 487,138. 7 Claims. (Cl. 173—330.)

1. An attachment plug receptacle comprising an insulating block recessed to afford a plug-receiving chamber with ribs projecting into said chamber at opposite sides thereof, receptacle contacts arranged within said chamber and overhung by the upper portions of said ribs, together with a face plate overlying said insulating body and apertured to permit entrance of a cooperating at-



tachment plug, together with inwardly swinging doors mounted in said face plate and inwardly displaceable into the receptacle chamber above said ribs.

1,621,365. GUN MOUNT. SAMUEL G. GREEN, Camp Benning, Ga., and JULIAN S. HATCHER, Annapolis, Md., assignors to United States Machine Gun Company, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 6, 1922. Serial No. 599,433. 12 Claims. (Cl 89—40.)



1. In a gun mount, in combination, a support; a sphere carried by said support; a socket provided with a spherical chamber slidably embracing said sphere; gun carrying means carried by said socket; a slot provided in the wall of said socket; a part of said support to engage said slot for rotary movement of said socket about the axis of said part and for sliding movement of said part in said slot.

1,621,366. CENTRIFUGAL FRICTION COUPLING. JÖRGEN MICHELET HALS, Oslo, Norway, assignor to J. M. Hals & Co. A/S., Christiania, Norway. Filed Dec. 15, 1922, Serial No. 607,262, and in Norway Mar. 31, 1922. 2 Claims. (Cl. 192—105.)

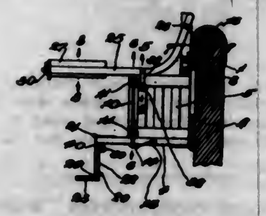
1. In a centrifugal friction coupling a driving element, a radial pin secured rigidly thereto, a centrifugal body

supported by said pin and having an enlarged saddle shaped recess for taking up the pin so as to allow an



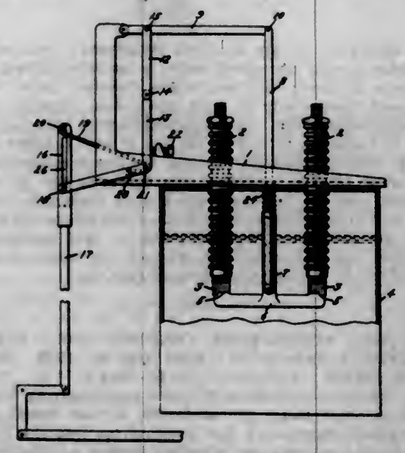
automatic peripheral as well as a radial and angular adjustment of the centrifugal body and a driven part surrounding said body and coacting with the same.

1,621,367. COLLAPSIBLE CHAIR AND SWING. ORIN HAWKINS, Waukegan, Ill. Filed Apr. 23, 1923. Serial No. 634,128. 1 Claim. (Cl. 155—79.)



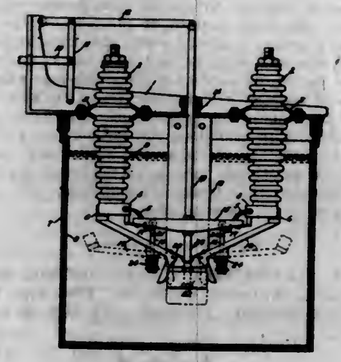
A chair of the character described including a seat, a back portion, sides hinged to the back portion and operatively resting on the edges of the seat, a movable tray including supporting arms pivotally connected at one end to the upper end of the back and their other ends operatively resting on the upper edges of said sides, supporting pins carried by the arms, locking plates carried by said pins, coil springs on the pins normally urging the plates toward the arms and one end of said plates having normal engagement with the sides to prevent movement of the arms relative to the sides.

1,621,368. SWITCH-OPERATING MECHANISM. JOHN D. HILLIARD, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed June 1, 1922. Serial No. 565,198. 2 Claims. (Cl. 200—153.)



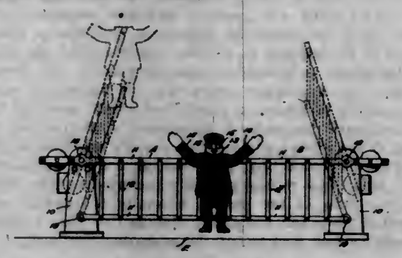
1. The combination of contacts separable to break a circuit, a toggle releasable to permit the separation of the contacts, means for moving said toggle to close said contacts, said means acting upon said toggle through a lost motion connection and a spring interposed at said lost motion connection for assisting the separation of said contacts upon their release and for causing said means to assume a position in which said lost motion is taken up at the start of the closing operation, whereby the force of the spring does not oppose said closing operation.

1,621,369. ELECTRIC SWITCH. JOHN D. HILLIARD, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 11, 1922. Serial No. 600,200. 5 Claims. (Cl. 200—150.)



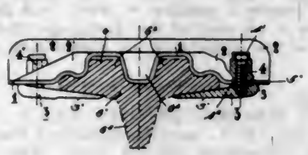
2. An electric switch comprising a pair of fixed main contacts, a bridging member adapted to engage said contacts, a pair of fixed secondary contacts, movable contact members connected together and arranged to bridge said secondary contacts, and a locking member movable with said bridging member, said locking member being arranged to have sliding engagement on opposite sides with said contact members when the bridging member is initially moved from closed circuit position for holding the contact members locked in closed circuit position.

1,621,370. CROSSING GATE. JOHN HONOR, Southwest, Pa., assignor of one-half to Bennie Watzman, Southwest, Pa. Filed Oct. 19, 1923. Serial No. 669,590. 1 Claim. (Cl. 192—142.)



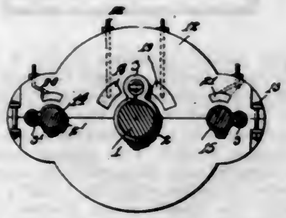
A device of the character described, spaced shafts, a motor, operative connection between the motor and one of said shafts, means operatively connecting said shafts spaced stationary contacts carried by the housing, a rotatable disk mounted for movement relative to said contacts, said disk being formed with diametrically opposed notches, means initially moving said disk into engagement with the stationary contacts, means forming connection between the stationary contacts and the motor for energizing the same, means forming operative connection between the motor driven mechanism and the disk to provide for rotation of the disk until the notches therein are moved opposite the stationary contacts.

1,621,371. REMOVABLE CREEPER FOR TRACTOR BELTS. ADOLPHE KÉGRESSE, Paris, France. Filed Aug. 14, 1924, Serial No. 732,093, and in France Sept. 22, 1923. 5 Claims. (Cl. 305—10.)



5. A creeper for an endless track belt, comprising a base member adapted to extend transversely across and fit against the outer surface of the belt and to project beyond the same at opposite ends, said ends having stud holes therein and slots beyond said holes, ground-gripping ribs on the base member, clamping lugs adapted to be disposed against the inner surface of the belt directly opposite the ends of the base member and having tenons for engagement in said slots, threaded studs fixed to said lugs and projecting through said stud holes, and nuts fitted on the projecting portions of the studs and adapted to be tightened into binding engagement with the adjacent face of the base member.

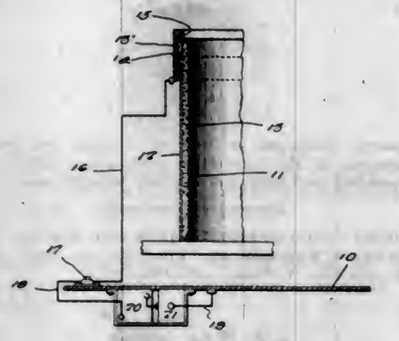
1,621,372. AUTOMOBILE SIGNAL CONTROL SWITCH. WILLIAM H. KRAUSER, Milton, Pa. Filed Sept. 7, 1922. Serial No. 586,686. 2 Claims. (Cl. 200—59.)



1. A switching apparatus comprising a switch plate of substantially circular formation having lateral semi-circular projections, means for detachably mounting the said switch plates upon the steering column and control rods of a vehicle, contact plates secured upon the upper face of the switch plates adjacent the steering column and control rods, and contact members adapted to be secured upon the operating apparatus including a sleeve adapted to be disposed in parallel position with the operating members, detachable clamps secured to the sleeves arranged for detachable connection of the sleeve upon the operating members, a cylindrical shank mounted for axial movement in each of the sleeves, spring means arranged in the sleeves adapted to normally urge the shanks in outwardly projecting positions in contact with the switch plate and rollers pivotally mounted at the outer projecting ends of the shanks normally contacting with the switch plate and adapted to engage the contact plates in predetermined position of the operating members.

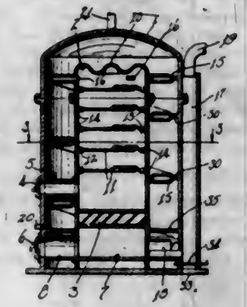
1,621,373. LIGHTER. CHARLES E. MCMANAMAN, Swayzee, Ind. Filed Aug. 11, 1923. Serial No. 656,966. 1 Claim. (Cl. 175—115.)

An igniter of the character described comprising a base, a pair of cylindrical members of different diameters providing inner and outer sections respectively, the inner section extending above the upper periphery of its companion section, a wick interposed between the sections and having an appreciable portion exposed, a dielectric annulus having its lower portion reduced in thickness mounted upon and encircling the outer section and having its enlarged portion resting upon the upper periphery thereof, a sparking point carried by said annulus and in juxtaposition with the upper periphery of the inner section, electric conducting means connected with a suitable



source of energy which is in turn connected with the inner section whereby the circuit when closed will cause a spark to jump from the sparking point to the upper periphery of the inner section in order that the wick may be ignited.

1,621,374. BOILER CONSTRUCTION. WILLIAM FRANCIS MCPHEE, Chicago, Ill. Filed June 28, 1923. Serial No. 648,324. 1 Claim. (Cl. 122—183.)

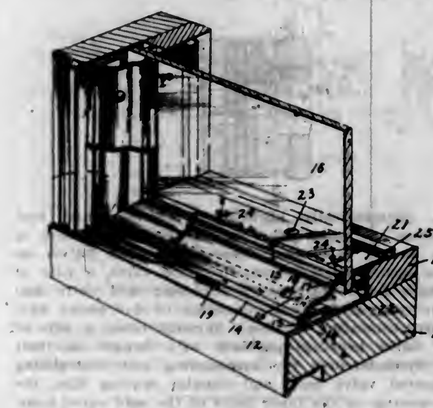


A device of the type described comprising a combustion chamber having corrugated walls, a water-containing receptacle enclosing said combustion chamber, spiral coils disposed horizontally in said combustion chamber and communicating with said water-containing receptacle, a flue in communication with the top of said chamber and being coiled downwardly, whereby the flue is immersed in the water of said receptacle, said flue being flat in cross section, and the inner surface thereof conforming with the wall of said combustion chamber, and means for spacing said flue away from the walls of said combustion chamber and said receptacle, whereby the water in said receptacle may completely surround said flue.

1,621,375. STORE-FRONT CONSTRUCTION. ROBERT MICHAELS, Chicago, Ill. Filed Sept. 22, 1923. Serial No. 664,206. 4 Claims. (Cl. 20—56.4.)

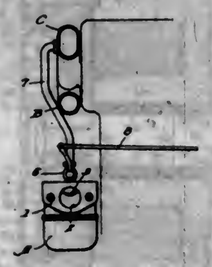
1. Window construction having a glass-engaging hollow sash of sheet metal provided with a base extended a substantial distance in the direction towards the glass, and having an obliquely extending portion reaching from the outer side of the base towards the glass, said obliquely extending portion and said base being joined and the base being plane and having at its outer and inner

edges vertical flanges, and downwardly and inwardly extending screws passing through alining holes in said obliquely extending portion and said base, the screws



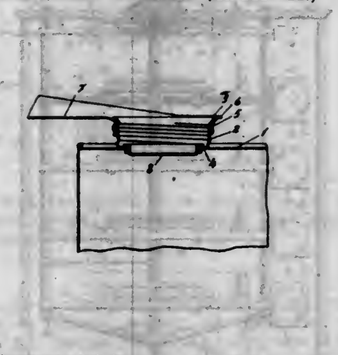
having heads to engage and exert clamping pressure against said obliquely extending portion, the holes in the base being situated between said flanges.

1,621,376. ATTACHMENT FOR INTERNAL-COMBUSTION ENGINES. JESSE EARLE NILES, Pontiac, Mich. Filed Sept. 22, 1922. Serial No. 589,960. 1 Claim. (Cl. 123—119.)
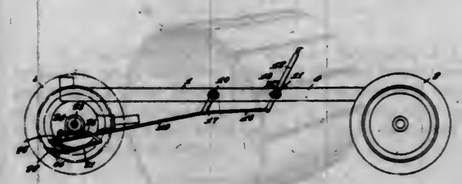


An attachment of the character described comprising a body adapted to be substituted for the gasket usually placed between a carbureter and the intake manifold of an internal combustion engine, said body having relatively flat faces and a central passage providing spaced openings upon its opposite sides for receiving the conventional form of fastening means therethrough securing and associating the carbureter with the intake manifold, a downwardly extending forwardly projecting trough-shaped partition arranged in the upper portion of the central passage and having communication with an inlet opening in the top of the body and extending an appropriate distance within the adjacent end of the intake manifold, valve controlled air inlet means arranged within the inlet opening in the top of the body and communicating with the partition, and means communicating an exhaust manifold with the valve controlled inlet means whereby exhaust gases may be introduced into the intake manifold for heating the fuel mixture from the carbureter and force the same upwardly within the intake manifold whereby easier starting and less fuel will be attained.

1,621,377. METAL-RING MOUTHPIECE WITH REVOLVING LIP FOR TINS, CANS, AND OTHER RECEPTACLES. JOSÉ MA. OLLER TINTORÉ, Barcelona, Spain. Filed Dec. 3, 1924, Serial No. 753,712, and in Spain Dec. 3, 1923. 2 Claims. (Cl. 221—11.)



1. An improvement in cans, comprising a sheet metal mouthpiece stamped to form an exterior-interior thread, a threaded ring and a threaded pouring lip member engaging respectively the inside and outside of said thread in a common zone of said mouthpiece.

1,621,378. VEHICLE BRAKE. THOMAS H. REEDER, Glendive, Mont. Filed Apr. 14, 1924. Serial No. 706,450. 1 Claim. (Cl. 188—5.)

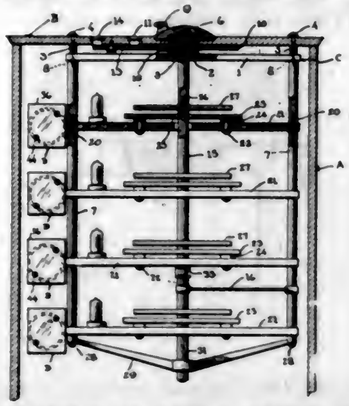


In combination with the rear axle and frame of a motor vehicle, a brake including substantially long plates secured to the axle and supported thereunder, each of said plates having a forwardly and downwardly extended end portion, a link pivotally connected with each plate at the opposite end thereof, a link pivotally connected with each of the first mentioned links, brake shoes having ground engaging portions and having one of their respective ends pivotally connected with the forwardly and downwardly extended ends of the plates, the last mentioned links being connected with the brake shoes at points adjacent to the opposite ends thereof, operating rods pivotally connected with the frame of the vehicle and having pivotal connection with the links at their points of pivotal connection for moving the ground engaging portions of the brake shoes to their active positions.

1,621,379. VARIABLE CONDENSER. THOMAS T. RODGERS, MARC A. GIELIN, FRANCIS K. MOORE, and GEORGE T. MOORE, Milwaukee, Wis., assignors to Rodgers Radio Corporation, West Allis, Wis., a Corporation of Wisconsin. Filed Sept. 24, 1924. Serial No. 739,490. 4 Claims. (Cl. 175—41.5.)

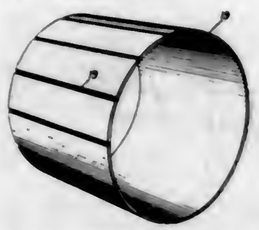
1. Radio tuning apparatus, comprising a frame formed with insulating partitions each having an opening therein, an axially movable shaft extending through the openings in said partitions, a plurality of condenser units each having a fixed plate and a movable plate having the whole

of one of its surfaces opposed to the passive plate at all times, said movable plates being connected with the shaft for simultaneous movement to vary the distance be-



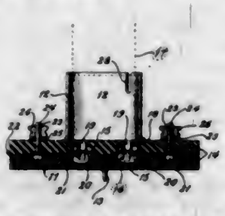
tween the plates of the respective condensers by equal increments, and means for independently adjusting said fixed plates.

1,621,380. PROCESS FOR MANUFACTURING SHEET METAL. WILLIAM E. RUDGE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 28, 1924. Serial No. 716,522. 1 Claim. (Cl. 29—160.4.)



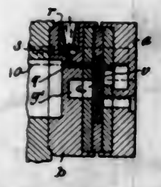
The method of manufacturing metal blanks preliminary to rolling into sheets which consists in casting molten metal into cylindrical form having a plurality of longitudinal grooves, and fracturing the metal in line with said grooves to separate said cylinder into a plurality of segments.

1,621,381. TUBE SOCKET. FRANCIS S. SINCLAIRE, Cambridge, Mass. Filed Feb. 19, 1924. Serial No. 693,923. 1 Claim. (Cl. 173—328.)



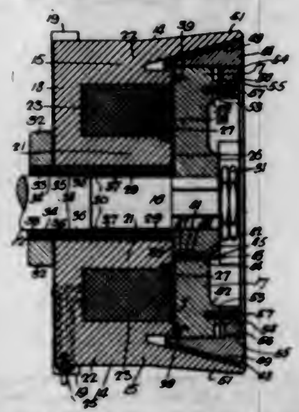
An electrical connector comprising a pair of plates of insulating material having a mercury cup provided therebetween, a collar depending from one of said plates into said cup to form a trap at the top of the same and through which collar one of the parts to be electrically connected is adapted to be inserted, and a conductor strip interposed between said pair of plates and having one end extending into said mercury cup and its other end projecting beyond the sides of said plates.

1,621,382. PNEUMATICALLY-OPERATED PERCUSSIVE HAND TOOL. CLEMENT HENRY STEVENS, High Wycombe, England. Filed Oct. 20, 1924, Serial No. 744,726, and in Great Britain Sept. 26, 1924. 2 Claims. (Cl. 121—24.)



1. A pneumatically operated percussive hand tool comprising the combination of a cylinder, a piston, a handle and a valve box comprising a disc valve, an annular spacing disc surrounding said valve, a pair of removable ported valve seats enclosing said valve and annular spacing disc and consisting of flat plates having ports consisting of simple through holes, a pair of ported valve housings provided with flanges on their outer circumferences for surrounding and centralizing said ported valve seats and annular spacing disc, the ports opening on the inner faces of the said valve housings coinciding with the ports in the flat plates forming the renewable valve seats, means for admitting air under pressure to said valve box and conveying said air to the required ports in the cylinder.

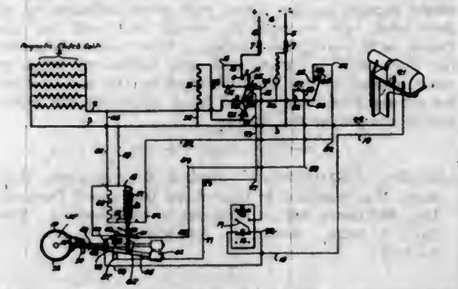
1,621,383. MAGNETIC CLUTCH. JOSEPH W. THROPP, Trenton, N. J. Filed June 29, 1923. Serial No. 648,525. 10 Claims. (Cl. 192—84.)



1. In combination, a shaft, a field piece comprising a magnetizable member and a magnetizing winding concentrically mounted about said shaft, said field piece having one end adapted to serve as a pole face, an armature member slidably mounted on said shaft in such manner as to be movable toward and away from said pole face, two friction elements, one carried by the armature member and one mounted in relatively fixed position, and spacing members supplemental to the friction elements for limiting the forward movement of said armature member.

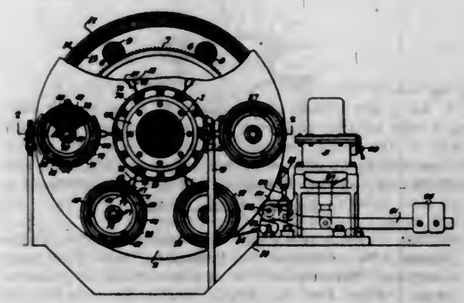
1,621,384. CONTROL SYSTEM. JOSEPH W. THROPP, Trenton, N. J. Filed Aug. 13, 1924. Serial No. 731,889. 13 Claims. (Cl. 192—12.)

4. The combination in a control system, of a clutch coil, a brake, a solenoid for moving the brake from its applied position to its released position, main circuits for the said coil and the said solenoid, a supplemental circuit for the solenoid including a resistor, switch mechanism for the said main circuits including a manually operable switch for causing the substan-



tially simultaneous energization of both the coil and the solenoid to thereby effect the engagement of the clutch and the release of the brake, and a cut-out switch for automatically interrupting the main circuit to the solenoid when the brake is in its released position.

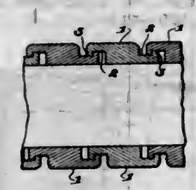
1,621,385. POWER-TRANSMISSION SYSTEM. JOSEPH W. THROPP, Trenton, N. J. Filed Aug. 13, 1924. Serial No. 731,890. Renewed Dec. 11, 1926. 17 Claims. (Cl. 192—12.)



1. In a clutch, the combination of a rotatable member, a gear secured to the rotatable member, a second member rotatable concentrically with the first member, a pinion movable with the second member and meshing with the said gear, a shaft rotatably mounted on the second member and carrying the pinion, a friction element having a splined connection with the shaft near the outer end thereof, a second friction element fixedly secured to the said second rotatable member, a spring tending to move the first said friction element outward along the shaft away from the second friction element, means carried by the shaft for limiting the last said movement, and electro-magnetic means for moving the first said friction element in opposition to the spring inward along the shaft into engagement with the second friction element.

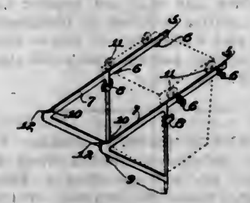
1,621,386. REFRIGERATOR WALL. VIRGIL P. WARREN, Atlanta, Ga. Filed Sept. 24, 1924. Serial No. 739,727. 1 Claim. (Cl. 20—4.)

A wall including framework, siding strips secured to said framework and having similar slidably connected interlocking joints formed by providing diagonally opposite edges of each strip with rabbets of the same width and depth and grooving the face of each rabbet parallel to the sides of said strip similarly to form a lateral tongue on each rabbeted edge of said strip, the groove so formed being substantially wider than the width of said tongue, the strips being secured to said framework with the tongues of each strip in the grooves of the adjacent strips and in lateral contact with the tongues of said adjacent strips to allow each tongue to slide laterally, when the strips expand, in



contact with the bottom of the groove in the adjacent strip, and thereby provide a double seal against air leakage around the joint.

1,621,387. REFRIGERATOR-ICE-TANK SUPPORT. VIRGIL P. WARREN, Atlanta, Ga. Filed Dec. 2, 1924. Serial No. 753,509. 3 Claims. (Cl. 211—7.)



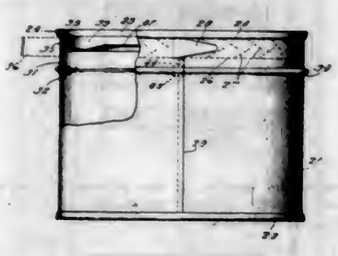
1. A refrigerator ice tank support comprising a pair of spaced track members, a pair of pivoted track frames positioned in front of said track members and each adapted to swing horizontally about a vertical axis, one of said track frames being pivoted slightly formward of the other of said frames.

1,621,388. RUBBER FLAP. GEORGE H. WHEATLEY, Chicago, Ill. Filed Dec. 3, 1923. Serial No. 678,135. 2 Claims. (Cl. 152—20.)



1. An all-rubber, endless and one-piece tire flap having a sectional contour prior to installation, generally the same as the contour after the installation, adapted to protect the inner tube from contact with the rim and from pinching by the tire base, said contour comprising a concave section having an opposite convex side forming a smooth fillet at said tire base but not following the outline of the tire section at said base under conditions of inflation, said flap being relatively thick at the central portion thereof and tapering toward the edges thereof, and adapted to be stretched over the edges of a rim to be inserted between the inner tube and said rim and to extend up on the inner surface of the base portion of said tire.

1,621,389. INTERIOR-COLLAR CAN. MAGNUS E. WIDELL, Cincinnati, Ohio, assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 20, 1923. Serial No. 633,366. 4 Claims. (Cl. 220—53.)



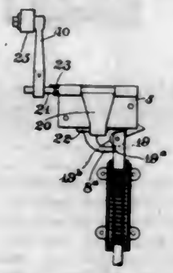
1. A container, comprising a body having an end member permanently secured thereto, and a separate collar secured within the upper part of the body, said body being scored beneath the top opposite to said collar to provide a tearing strip adapted to be removed to open the container, and said end member having a depressed central portion adapted to frictionally fit within said collar, and a shoulder of larger diameter than said depressed central portion which fits tightly within the mouth of the can body.

1,621,390. FURNACE GRATE. JOSEPH T. WILLARD, O'Fallon, Ill., assignor to Eureka Steel Range Company, O'Fallon, Ill., a Corporation of Illinois. Filed Mar. 16, 1923. Serial No. 625,561. 7 Claims. (Cl. 126—170.)



1. A grate provided with a grate-rest, said grate-rest having a plurality of discharging openings, closure means formed on said grate for each of said openings located on a plane below said openings, and a plurality of pushing elements borne by said grate located on a plane above said openings movable with said closure means for co-operation with said openings.

1,621,391. ELEVATOR-DOOR LATCH. WILLIAM A. WILLIAMS, Columbus, Ohio. Filed Sept. 26, 1923. Serial No. 664,952. 2 Claims. (Cl. 187—31.)



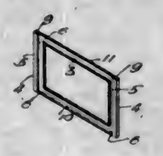
1. Apparatus for an electrically operated elevator including, in combination, a power circuit having electrodes included in the power circuit, a circuit closer case containing said electrodes and having a hinged cover, a manually operated rectilinearly moving spring actuated door latch bolt carried by the car and adapted to engage said case when the door is closed, a circuit closer carried by the cover, said cover actuated by the door latch bolt to close the circuit and hold the same closed, said cover also having a latch cooperating with the latch bolt to latch said bolt, means to latch the cover, means on the car controlled by the power circuit for releasing the last named latch when the car arrives and is stopped at the door.

1,621,392. UNION SUIT. JOSEPH M. ATKINSON, Baltimore, Md., assignor to Oppenheim Oberndorff Company, Inc., Baltimore, Md., a Corporation of Maryland. Filed June 4, 1924. Serial No. 717,804. 2 Claims. (Cl 2—78.)



1. As a new article of manufacture, a union suit having a side opening beginning at a point adjacent the side seam at the waist line and extending obliquely to the bottom and front portion of one leg of the garment, and fastening devices for closing the edges of said opening.

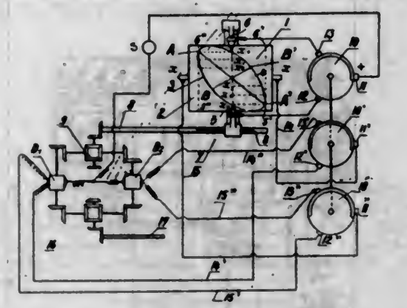
1,621,393. CARD HOLDER. CONRAD BERGMANN, Philadelphia, Pa., assignor to Columbia Steel Equipment Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 17, 1924. Serial No. 756,600. 4 Claims. (Cl. 40—16.)



1. The combination with a panel having a pair of parallel spaced slots, a plate having offset flanges adapted for insertion through the slots from one side of the panel, and a card-holding frame having recesses adapted for interlocking reception of said flanges whereby the frame is supported on the other face of said panel.

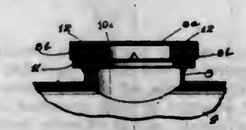
1,621,394. MECHANICAL INTEGRATING DEVICE AND APPLICATIONS OF THE SAME, CHIEFLY TO A NAVIGATION-COURSE RECORDER. CHARLES FREDERIC JEAN MARIE BERTIN, Mustapha, Alger, Algeria. Filed June 27, 1924, Serial No. 722,834, and in France June 30, 1923. 9 Claims. (Cl. 234—26.5.)

1. A course recorder adding algebraically successive values of components y along a given direction of successive course elements of predetermined length making a variable angle with said direction comprising an electric circuit, a movable element, means whereby said element moves in proportion with the variations of x, means whereby said electric circuit is temporarily closed each time a course element of predetermined length has been covered, a motor fed by said electric circuit, means whereby the position of the movable element causes the



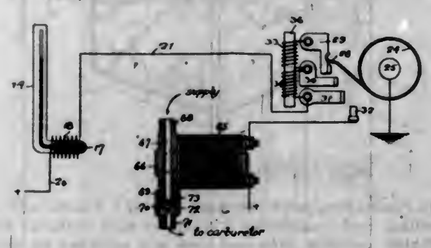
rotation of motor to be proportional to the value of y at the time of the closing of the circuit and means for adding the successive rotations of the motor.

1,621,395. VALVE PAD FOR WIND INSTRUMENTS. ANTHONY CICCONE, Chicago, Ill. Filed July 5, 1923. Serial No. 649,665. 3 Claims. (Cl. 84—385.)



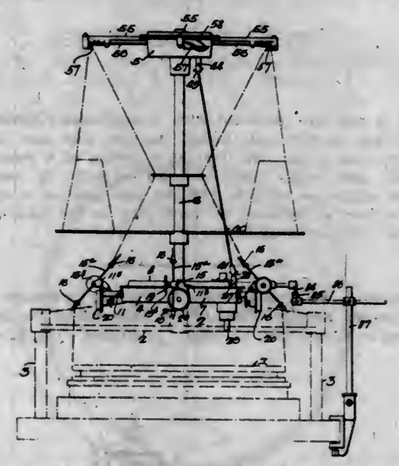
1. A valve for wind musical instruments comprising a cup-shaped member having an annular wall, a filler within said cup-shaped member and having an annular wall inwardly of and in spaced parallel relation to said first wall thereby defining an annular channel, and a compressible annular pad member received in said channel and being extended beyond said walls whereby the forward portion of the same may be compressed laterally, the entire forward portion of said end surface of the pad being free whereby any portion of said surface may be seated.

1,621,396. THERMO-ELECTRIC INDICATOR AND SAFETY DEVICE. WILLIAM A. COLLINS, Philadelphia, Pa., assignor, by mesne assignments, to The Safe-T-Stat Co., Philadelphia, Pa., a Corporation of Delaware. Filed Apr. 19, 1923. Serial No. 633,315. 4 Claims. (Cl. 177—351.)



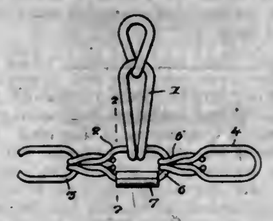
3. The combination with an internal combustion engine, of a rheostat including means controlled by the temperature of the engine, a heating resistance, an electric circuit including said resistance and said rheostat, and a visible indicator consisting of a liquid column thermometer placed in proximity to and to be affected by said resistance.

1,621,397. STOP MOTION FOR KNITTING MACHINES. FRANK CRAWFORD, Sr., New Brunswick, N. J., assignor to The Crawford Manufacturing Company, New Brunswick, N. J., a Corporation of New Jersey. Filed Dec. 6, 1923. Serial No. 678,966. 10 Claims. (Cl. 66—160.)



9. The combination in a stop motion, a bracket, a head pivoted to the bracket, friction means for holding the head; a disk on the head; a rod on the head having an eye at each end; an arm for releasing the stop motion; a ring on the arm arranged to be held in position by the thread passing through the eyes for maintaining the said arm in a normal inoperative position and adapted to move said arm to an operative position to effect the operation of the stop motion when said ring is released by the thread.

1,621,398. ANTISKID CHAIN. EARL E. CRONENWETH, Wilkinsburg, Pa. Filed June 27, 1924. Serial No. 722,781. 1 Claim. (Cl. 152—14.)



In combination with an anti-skid chain, extending side chains and cross chains whose end links are connected to certain of the links of the side chains, of a split metal sleeve arranged on and secured to that arm of the link opposite the arm to which the end link of the cross chain is connected, and said sleeve being of a length approximately equal to that of the arm of the link to which it is secured.

1,621,399. PAPER SIZING. JUDSON A. DECEW, Mount Vernon, N. Y., assignor to Process Engineers, Inc., New York, N. Y., a Corporation of New York. Filed Apr. 11, 1923. Serial No. 631,371. 5 Claims. (Cl. 92—21.)

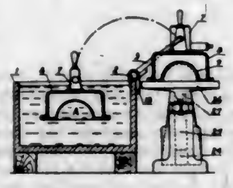
2. A method of coagulating rubber emulsions on paper making fibres while preparing the stock for the paper machine, which consists in mixing the rubber emulsions with the fibres in the presence of a previously precipitated aluminum hydrate formed by adding a soluble aluminum salt to a soluble alkali.

1,621,400. PILE WIRE. NELSON H. FAIRWEATHER, Everett, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a Corporation of Delaware. Filed Feb. 10, 1923. Serial No. 618,305. 3 Claims. (Cl. 139—44.)



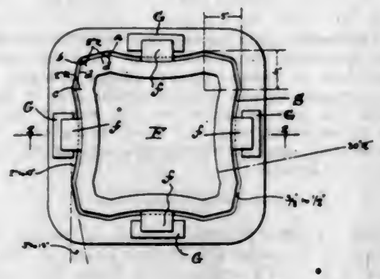
1. A pile wire provided with a longitudinal recess terminating at both ends within the wire and open at the upper edge of the wire for the reception of a removable blade, said recess being bounded laterally by resilient walls which are integral with the wire and are so spaced as to exert a frictional retaining grip on the sides of the blade when inserted in the recess.

1,621,401. PULP-MOLDING MACHINE. FERNAND FOY, Gentilly, France. Filed Oct. 6, 1925. Serial No. 60,801, and in France Oct. 15, 1924. 18 Claims. (Cl. 92—57.)



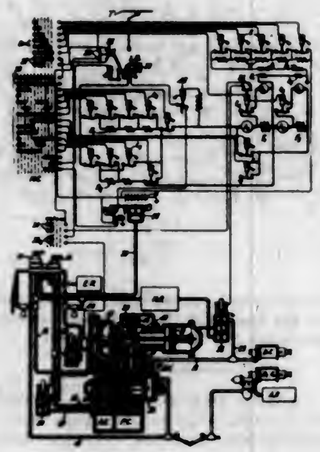
1. A molding machine, comprising a press embodying a movable table adapted to support a mold thereon and provided with a conduit which opens into the interior of the mold; means cooperative with the mold to press the same forcibly against said table under the action of the press; and means for forcing a heated fluid body under pressure through said conduit to shape and dry an article in said mold.

1,621,402. INGOT MOLD. EMIL GATHMANN, Baltimore, Md., assignor to The Gathmann Engineering Company, Baltimore, Md., a Corporation of Maryland. Filed Aug. 20, 1923. Serial No. 658,371. 4 Claims. (Cl. 22—147.)



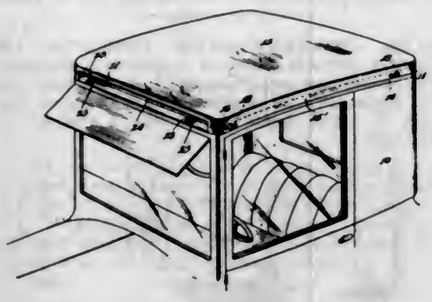
1. A mold top or feeder for ingot molds having a chamber provided with four primary side walls of convex contour and four widened corners, each provided with three curved salients intervening between the adjacent primary side walls of the feeder.

1,621,403. BRAKING SYSTEM. WILLIAM S. H. HAMILTON, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed June 4, 1925. Serial No. 34,967. 17 Claims. (Cl. 303—3.)



1. In a braking system for railway trains, the combination with separately and jointly operable air braking and electric braking means, of control means selectively operable to effect separate or joint operation of said braking means, and automatic means effective during separate operation of one of said braking means for insuring application of the other braking means upon failure of said one braking means.

1,621,404. FALSE ROOF FOR MOTOR VEHICLES. JOHN W. HARVEY, Denver, Colo. Filed Apr. 15, 1925. Serial No. 23,325. 1 Claim. (Cl. 296—137.)



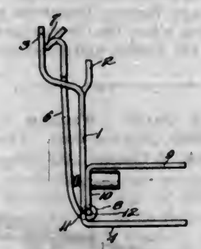
In combination with the main roof of a vehicle and an auxiliary roof, comprising a frame of rigid material and a flexible covering, stretched over and extended at opposite sides to form flaps, of bracket members secured to opposite sides of the main roof, complemental bracket members secured to opposite sides of the frame of the auxiliary roof, said bracket members supporting the auxiliary roof spaced above the main roof, and fastening means for securing the bracket members to hold the auxiliary roof in place, the supporting brackets and fastening means being concealed by the said flaps.

1,621,405. RIVET-SETTING MACHINE. ARTHUR R. HAVENER, Wayland, Mass., assignor to Judson L. Thomson Manufacturing Co., Waltham, Mass., a Corporation of Massachusetts. Filed Apr. 5, 1926. Serial No. 99,812. 6 Claims. (Cl. 218—3.)



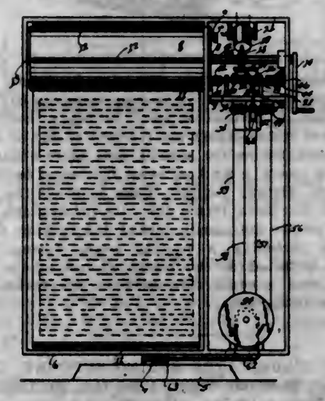
1. A rivet setting machine having, in combination, an anvil and a work support extending across the top of said anvil, the work support being provided with a slot extending transversely of the anvil and with a groove in its upper face intersecting said slot on opposite sides thereof.

1,621,406. SUSPENSION MEANS FOR TUBE FRAMES. EDGAR F. HATHAWAY, Wellesley, Mass., assignor to Shawmut Engineering Company, Boston, Mass., a Corporation of Massachusetts. Filed Sept. 28, 1922. Serial No. 591,169. 10 Claims. (Cl. 139—10.)



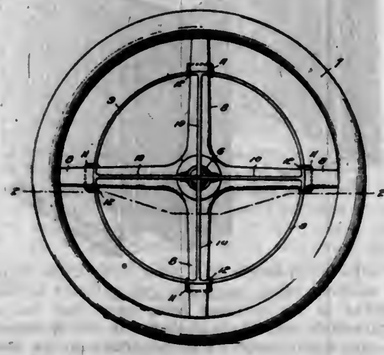
9. In a loom, a pattern chain, a supporting tube, a spool bearing bracket secured thereto, a substantially rigid chain-engaging hook pivotally mounted on said bracket and extending within the tube, and means to force said hook yieldingly outward.

1,621,407. SCROLL-DISPLAYING DEVICE. DANIEL HILL, Porterville, Calif. Filed Jan. 18, 1926. Serial No. 82,107. 2 Claims. (Cl. 40—53.)



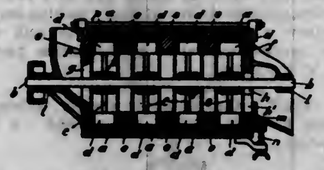
1. In a device of the character described, a casing rotatably mounted upon a base, a shaft positioned in said casing, a cylinder positioned on said shaft, a plurality of scrolls positioned within said cylinder and adapted to be unreeled therefrom, and rereeled thereonto, a gear positioned on said shaft, a motor positioned within said device, a worm adapted to be rotated by said motor, means for intermittently moving said worm in contact with said gear so as to rotate said cylinder, and means for intermittently reeling and unreeling said scrolls successively.

1,621,408. SIGNALING ATTACHMENT FOR STEERING WHEELS. MICHAEL B. HOLSTEIN, Richland, Pa. Filed Nov. 13, 1925. Serial No. 68,899. 5 Claims. (Cl. 200—59.)



1. The combination with a steering wheel for motor vehicles, of a signal-actuating plunger carried by said wheel and an operating lever pivoted at one end upon the steering wheel and directly contacting with said plunger at its point of crossing the latter and terminating adjacent the inner periphery of the steering wheel.

1,621,409. MANUFACTURE OF COCOA, CHOCOLATE, AND THE LIKE. HEINRICH HORN, Dresden, Germany. Filed Nov. 19, 1925, Serial No. 70,166, and in Germany Oct. 22, 1924. 2 Claims. (Cl. 83—11.)

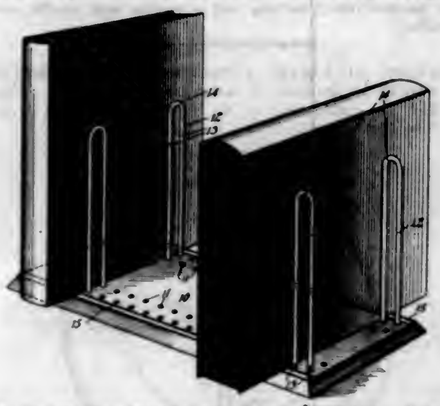


1. A beater mill for the disintegration and extra fine comminution of pasty and liquid materials, comprising rotatable beaters, and chamber walls enclosing said beaters and only open inwardly, the internal surfaces of said chamber walls being formed as retarding and frictional surfaces, said walls uninterruptedly surrounding the beaters so closely that the material under treatment is prevented from escaping from the action of said beaters, and the head surfaces of the beaters rising in the direction opposite to the direction of rotation and the lateral surfaces of said beaters converging in the direction of rotation, for the purpose of driving the layers of material that are being carried round by the beaters against the layers of material that are being retarded by the chamber walls and thereby increasing the grinding pressure.

1,621,410. SUPPORTING RACK. EVERETT W. HOUSE, Elizabeth, N. J. Filed Jan. 20, 1926. Serial No. 82,520. 1 Claim. (Cl. 45—4.)

A supporting rack including a base having a pair of rows of vertically disposed apertures in its upper face adjacent each opposite marginal edge, the openings in each row being spaced apart the same distance as the

spacing between the rows of each pair, and a plurality of inverted U-shaped resilient partition members each having a pair of legs joined by a bight at the upper end and having free lower extremities normally spaced apart a distance approximately equal to the distance of the spac-



ing of adjacent openings, the lower extremities of each of said members being engaged in two adjacent openings, the spacing of the openings being such that the said members may be selectively anchored in the openings to dispose the bights respectively longitudinally or transversely of the base.

1,621,411. LICENSE-PLATE UNIT. ALFRED HORATIO HUMPHREY, Salem, N. Y. Filed Dec. 8, 1925. Serial No. 74,105. 3 Claims. (Cl. 40—132.)



1. A license plate unit including a casing, members integral respectively with the casing and with said license plate, and irremovable means hingedly uniting said members; together with means additional to said integral members to prevent separation of the license plate from the casing at the hinge.

1,621,412. SIGN. ALFRED H. HUMPHREY, Salem, N. Y. Filed May 5, 1926. Serial No. 106,904. 5 Claims. (Cl. 40—133.)



1. A sign including two series of casings flaring outwardly and an electric lamp in each casing, the two series of casings being disposed back to back and in staggered relation and spaced to form a sinuous duct therebetween, and conductor wires disposed in said duct and connected with said lamp.

1,621,413. FILTERING DEVICE. JOE JAMES, Brownwood, Mo. Filed Sept. 18, 1925. Serial No. 57,167. 3 Claims. (Cl. 210—97.)



1. A device of the class described, comprising a shell, a funnel-shaped element positioned within the upper portion of the shell and forming therewith an air chamber, means for producing a box like receptacle within the shell below the edge of the funnel, and filtering material within this receptacle.

1,621,414. PUMP JACK. WILLIAM G. JENSEN and KRESTEN R. JENSEN, Nowata, Okla. Filed Mar. 1, 1926. Serial No. 91,594. 2 Claims. (Cl. 74—5.)

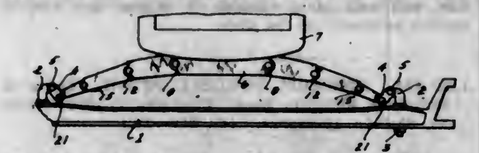


1. A pump jack having a stationary frame provided with transversely extending bearing members having bearing recesses, a pivoted support having a hollow shaft in its lower end engaging the recesses of one of the bearing members, means for holding said shaft engaged with its bearing recess, a walking beam fulcrumed on the upper end of the pivotal support, links between the walking beam and the main frame for constraining the walking beam to proper movement, means for rocking the walking beam including a rocking beam having a shaft rotatably mounted in the recess of one of the bearing members, and a connection between the rocking frame and the walking beam.

1,621,415. FABRICATED SPRING SUPPORT. PAUL W. JOHNSON, Portland, Oreg. Filed Oct. 20, 1925. Serial No. 63,720. 2 Claims. (Cl. 267—1.)

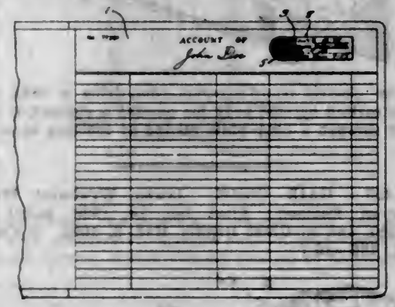
1. A fabricated spring support, comprising a central section, a series of sections disposed at either side of said central section the inner ends of each of the outer sections of said series being pivotally mounted within the

outer end of the adjacent inner section and having their inner ends projecting inwardly beyond said pivotal mount-



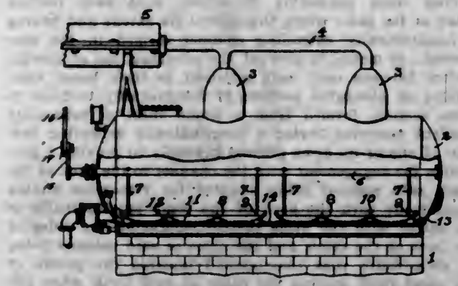
ing; and springs disposed within each of the inner sections to engage the projecting end of the adjacent outer section.

1,621,416. CHECK PROTECTOR. JOHN ACLE KINDLE, Monroe, Wash. Filed Apr. 3, 1926. Serial No. 99,611. 3 Claims. (Cl. 283—8.)



1. A signal stop payment device to be used on a ledger sheet in banks, comprising a tab bearing appropriately designed spaces for the insertion of data relative to a check upon which payment is to be refused, and the said tab being provided with means whereby it may be fixedly secured to the leaf.

1,621,417. CHAIN BRUSH FOR STILLS. WILLIAM KNAPP, Chanute, Kans. Filed Jan. 14, 1926. Serial No. 81,337. 3 Claims. (15—104.09.)



1. A chain brush for stills, comprising a head, spring clips having ends in said head, and a chain attached to said spring clips.

1,621,418. HITCH. DANIEL W. KOEHN, Galva, Kans., assignor of one-third to Gustav G. Dixon, Galva, Kans., and one-third to Harry G. Rolf, McPherson, Kans. Filed Mar. 19, 1926. Serial No. 96,012. 2 Claims. (Cl. 280—33.44.)



1. A tractor hitch comprising a frame like member including a curved body portion adapted to be attached to the tractor, an integral strip connecting the terminals of said body portion, a bracing element projecting from said body portion and connected with said strip at an appropriate point in its length, and a draw bar connected with one end of the body portion and adapted to be coupled to the object to be drawn by the tractor.

1,621,419. AUTOMATIC COUPLER FOR MINERS' CARS. THOMAS KOLINGER and LOUIS HABUNEK, Martins Ferry, Ohio. Filed Jan. 13, 1926. Serial No. 80,879. 4 Claims. (Cl. 213—178.)



2. A coupler, self operating, for mining cars comprising two members, so positioned that one member will strike the other member, when the said cars are forced toward one another, and a resilient member positioned to receive one of said members and force it into locked engagement with the other member, which will cause the first mentioned member to engage with the second-mentioned member.

1,621,420. SAW OILER. MAX KRUSE, Creswell, Oreg. Filed Feb. 4, 1926. Serial No. 86,033. 4 Claims. (Cl. 221—82.)

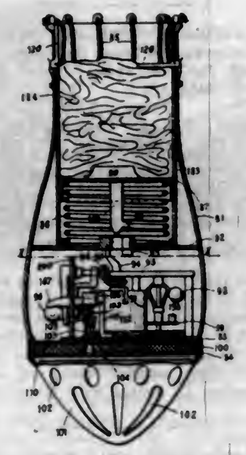


1. A saw oiler for use on logs and trees and comprising a container having a reduced neck at its lower end provided with a discharge fitting and a hanger having a yoke embracing the neck, said yoke having arms extending in a single member terminating in a hook above the container, means for securing the yoke to the lower end of the container, and means for securing the hanger to the container above the point where its arms merge into the single member.

1,621,421. APPARATUS FOR LIGHTING THE LANDING PLACE FROM AERIAL CRAFT. MARCEL KÜNZER, La Chaux-de-Fonds, Switzerland, assignor to Société Anonyme pour l'Exploitation des Brevets Künzer, Basel, Switzerland. Filed Dec. 11, 1925, Serial No. 74,833, and in Switzerland Nov. 4, 1925. 1 Claim. (Cl. 102—24.)

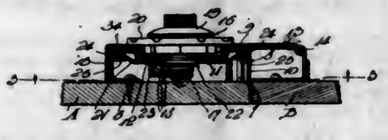
In an apparatus for lighting the landing place from aerial crafts the combination of an open cylinder turned upwards and an outer shell attached to said cylinder so as to form a chamber underneath said cylinder, a folded parachute sheltered within said cylinder and attached to

said shell, an ejecting device for the parachute constituted of a spring operated piston, a clock work contained within said chamber and a flare body suspended at the bottom of said shell, a firing device comprising a cocked hammer



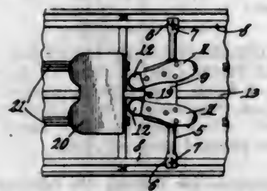
and a cartridge primer at an effective distance from said flare and a releasing mechanism consisting of cranks controlled by said clockwork and adapted to release the spring operated piston and the cocked hammer of the firing device.

1,621,422. LOCK. NIKITAS LAPPAS, Peabody, Mass. Filed Mar. 22, 1926. Serial No. 96,578. 4 Claims. (Cl. 70—55.)



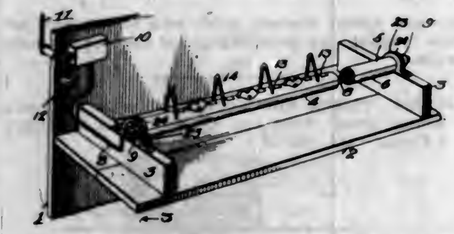
1. In a lock, a keeper plate having an opening, an outer plate engageable with the outer side of said keeper plate, permutation locking means mounted on said outer plate and including a locking member movable through the opening of the keeper plate, a guard plate at the inner side of said keeper plate movable either into obstructing or non-obstructing relation with the opening thereof and exposed means whereby said guard plate may be rotated.

1,621,423. FOOT REST. GUY EDWIN LONG, Ithaca, N. Y. Filed Nov. 17, 1925. Serial No. 69,675. 1 Claim. (Cl. 9—7.)



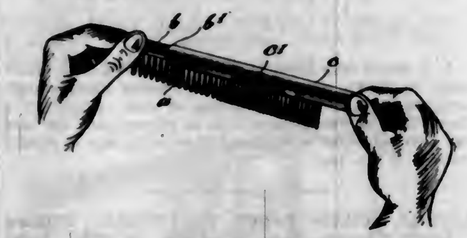
In a device of the character described, a supporting rod, a plate pivotally mounted on the supporting rod, foot pieces secured to the plate and adapted to move with the plate, said plate having an opening, a pivoted bolt passing through the opening, nuts on the free ends of the bolt, and said plate adapted to engage the nuts to restrict movement of the plate.

1,621,424. ELECTRIC POULTRY PERCH. DAVID R. MCGINNIS, Kalispell, Mont. Filed Feb. 2, 1926. Serial No. 83,464. 13 Claims. (Cl. 219—19.)



1. An electric poultry perch, comprising a body, and means carried by said body for passing a current of electricity through a fowl while resting or roosting upon the body.

1,621,425. HAIR COMB. JAMES WYNDHAM MEEK, Staines, England. Filed Jan. 14, 1926, Serial No. 81,220, and in Great Britain Mar. 2, 1925. 1 Claim. (Cl. 132—19.)

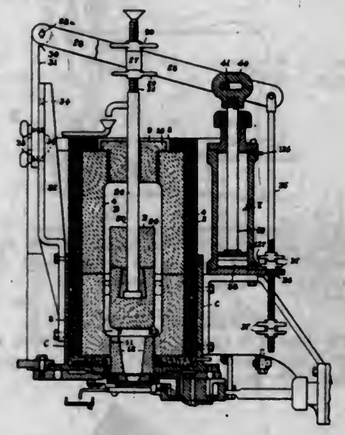


The combination with a comb including a back portion having teeth projecting therefrom, said back portion being of the same width throughout its extent and having a longitudinally extending channel formed in the side thereof; of means to prevent the accumulation of foreign matter between said teeth adjacent to their bases, comprising an elongated member of substantially U-shape in cross section, formed from a single sheet of inherently resilient material having a longitudinally extending portion of one of its arms pressed inwardly to provide a projection for engagement with the channel in the back of the comb, said member being adapted for removable sliding engagement with the back of the comb longitudinally of the latter with the arms thereof embracing the sides of the back of the comb, and the arms of said member being of such width that they extend towards the points of the comb teeth beyond the bases of said teeth when the member is applied to the comb.

1,621,426. APPARATUS FOR PRODUCING MOLD CHARGES OF MOLTEN GLASS. WILLIAM J. MILLER, Swissvale, Pa., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Original application filed Sept. 23, 1919, Serial No. 325,616. Divided and this application filed Apr. 1, 1926. Serial No. 98,983. 26 Claims. (Cl. 49—55.)

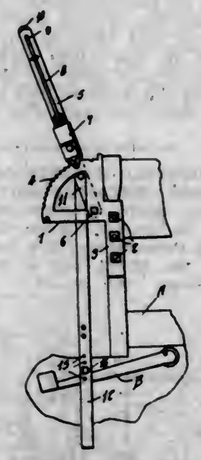
1. In apparatus for feeding molten glass in a succession of mold charges, the combination with a receptacle for molten glass provided with a discharge outlet, of a vertically reciprocating implement working in the glass in said receptacle to control the discharge of glass through said outlet without seating at the outlet, means

for imparting a reciprocating movement to said implement, means for limiting the reciprocating movement of said implement comprising an element moving in unison with



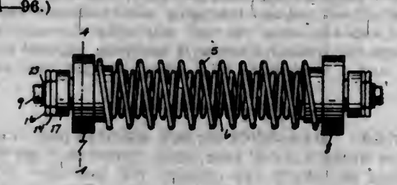
said implement and adjacent to an abutment, and adjustable stop members at opposite sides of said abutment to limit the motion of said element relative to the abutment.

1,621,427. CLUTCH-CONTROL MECHANISM FOR TRACTORS. FRANK O. PEASLEY, New Hampton, Mo. Filed Sept. 19, 1925. Serial No. 57,378. 1 Claim. (Cl. 74—89.)



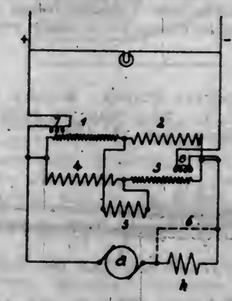
A clutch control mechanism for tractors, comprising a bracket, a downwardly extending arm thereon adapted to be secured to the frame of a tractor, a segmental ratchet on said bracket, a lever fulcrumed on said bracket, a thumb latch carried by said lever and adapted to engage said ratchet, a rod pivotally secured to said lever, another rod having an offset end secured to the first mentioned rod and forming a forked member to enclose the clutch pedal of the tractor between its fingers, and a pin bridging the space between said rods and adapted to engage the pedal, said rods being provided with a plurality of oppositely disposed openings for adjusting the position of said pin.

1,621,428. UNIVERSAL JOINT. FLORIAN BERTRAM PEDERSEN and HANS PETER ANDERSEN, Alameda, Calif. Filed Apr. 11, 1925. Serial No. 22,403. 1 Claim. (Cl. 64—96.)



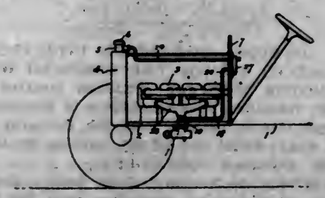
In a device of the character described the combination with a pair of shafts having their ends in close proximity to each other, a split sleeve secured to each of said shafts, means for contracting said sleeves, each of said sleeves having an elliptical outer periphery, a collar slidable on each of said sleeves, said collar having an elliptical opening formed therethrough in such a manner that the opening therethrough will cause a slidable engagement with the elliptical periphery of said sleeves, an inner spring having its opposite ends secured to said collars, and an outer spring having its opposite ends secured to said collars, said springs being coiled in reverse direction.

1,621,429. SERIES-WOUND MACHINE WITH ADDITIONAL EXCITATION IN BRIDGE CONNECTION. WALDEMAR PETERSEN, Darmstadt, Germany. Filed Oct. 27, 1925, Serial No. 65,138, and in Germany Oct. 23, 1924. 4 Claims. (Cl. 171—223.)



1. In a series wound machine, a Wheatstone bridge the adjacent resistances of which are differentially variable under a change in voltage, connections between two opposite connections of said resistances and the terminals of the machine, and a boosting winding connected across the other two opposite connections of said resistances.

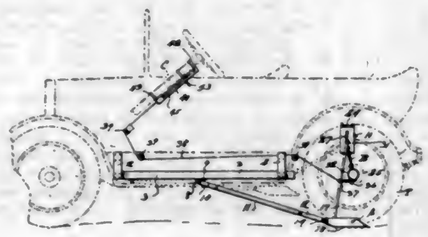
1,621,430. HUMIDIFYING DEVICE. JACK PHILLIPS, New York, N. Y. Filed Sept. 11, 1925. Serial No. 55,870. 1 Claim. (Cl. 123—25.)



In a device for supplying water vapor to internal combustion engines, a casing formed with a window, a removable plug at one end of the casing, an inlet pipe at the opposite end of the casing, a valve carried by the casing adapted to close said inlet pipe, an outlet pipe at one end of the casing near the removable plug, a glass con-

tainer positioned in said casing and extending from near one end to near the opposite end, said container being open at both ends, a supporting gasket surrounding said container at each end and impinging said casing whereby the water vapor entering through said inlet pipe may pass through the container before it can pass out said outlet pipe, and a strainer in said casing adjacent said outlet pipe.

1,621,431. EMERGENCY-BRAKE MECHANISM. CHRISTIAN REBER, Lincoln Park, Mich. Filed Mar. 20, 1926. Serial No. 96,272. 10 Claims. (Cl. 188—4.)



1. The combination with vertically movable supports arranged near the wheels of a vehicle, of a shoe carried by each of the supports and adapted to be moved beneath a wheel, means for normally maintaining the shoes in an inoperative position, and a single means operating to release the shoes in unison or to singly release any one of the shoes.

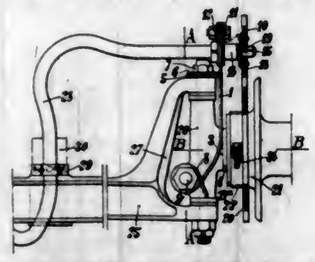
1,621,432. FOUNTAIN BRUSH. WILLIAM K. ROCKMAN, New York, N. Y. Filed May 20, 1925. Serial No. 31,642. 2 Claims. (Cl. 15—133.)



1. A fountain brush for making small characters, comprising a main ink reservoir, an auxiliary ink reservoir, means for conducting the ink from the main ink reservoir to the auxiliary ink reservoir, bristles carried by said auxiliary reservoir, and means for conducting the ink from the auxiliary ink reservoir to said bristles, both of said conducting means comprising elongated tubes having valveless conducting openings of minute cross section whereby unobstructed communication between the reservoirs and bristles is maintained for keeping the bristles in moist condition.

1,621,433. CONTROL FOR SPEED INDICATORS OR THE LIKE BY ONE OF THE STEERING WHEELS OF A MOTOR VEHICLE. CHARLES HILAIRE HENRI RODANET, Versailles, France, assignor to Etablissements Ed. Jaeger, Paris, France, a French Company. Filed May 4, 1925, Serial No. 27,981, and in France Feb. 18, 1925. 2 Claims. (Cl. 74—7.)

1. In a driving mechanism for the flexible shaft of a speedometer in subsequent connection with the steering wheel of an automobile, a gear, means for fixing the said gear upon a bearing of the hub of a steering wheel, a pinion keyed on the end of the flexible shaft of the speedometer, a sleeve for supporting the end of said flexible shaft near such pinion, a support for said sleeve, a frame provided with a branch disposed parallel to the plane of the gear, an axle for connecting pivotally the support of the pinion to the upper end of said branch of the frame, an ear arranged perpendicularly to the end of said frame, a cup serving as the axle of rotation



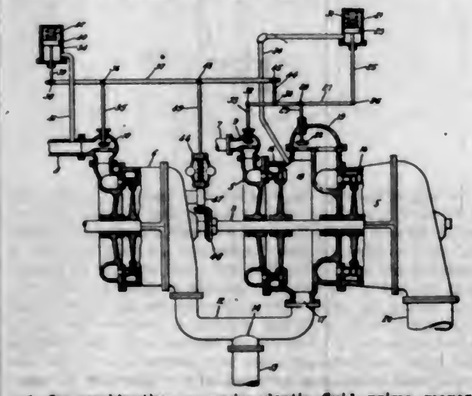
of said ear and centrally perforated for the passage of the pivotal axle of the wheel whose head serves as fixing means for the said cup on the axle.

1,621,434. DOLL'S LIMB. ISAAC A. ROMMER, Brooklyn, N. Y. Filed Feb. 1, 1926. Serial No. 85,306. 3 Claims. (Cl. 46—40.)



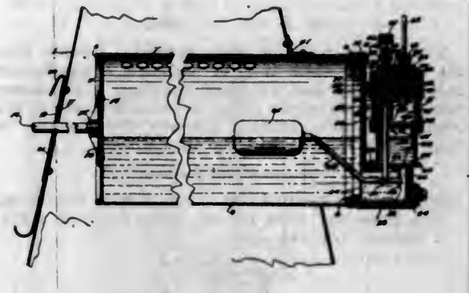
3. A doll's hand having a part formed of hard rubber appurtenant to the hand at the rear end; together with a fabric material applied to a lateral surface of said hard rubber part, said fabric having its opposed surface vulcanized to said lateral surface of the hard rubber material of said part, the exposed surface of said fabric being non-rubberized and adapted to absorb an adhesive to secure the hand to an arm part.

1,621,435. INDUSTRIAL-HEATING ELASTIC-FLUID PRIME-MOVER INSTALLATION. ARTHUR ROSCH, Charlottenburg, Berlin, Germany, assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y., a Corporation of New York. Filed Nov. 9, 1925, Serial No. 67,792, and in Germany Nov. 25, 1924. 12 Claims. (Cl. 60—43.)



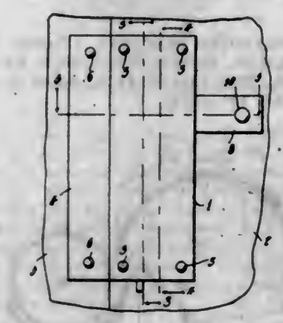
1. In combination, a main elastic fluid prime mover, an auxiliary elastic fluid prime mover, a conduit for conveying elastic fluid exhausting from the auxiliary prime mover to the main prime mover, and means responsive to the pressure of the elastic fluid supplied to the auxiliary prime mover for regulating the supply of elastic fluid to both prime movers.

1,621,436. AIR MOISTENER. CLARENCE E. SALLADA, Minneapolis, Minn. Filed Apr. 29, 1926. Serial No. 105,567. 5 Claims. (Cl. 137—104.)



4. An air moistener comprising a container for water, a valve casing mounted upon the outer end of said container and comprising a lower sight chamber in communication with the container, a intermediate valve chamber and an upper filtering chamber, means for connecting the filtering chamber with a source of water supply, a regulating valve within the filtering chamber controlling the communication between the same and the valve chamber, a governor valve within the valve chamber to cut off or permit flow from the filtering chamber to the valve chamber, float-controlled means for operating said governor valve supported below and extending upwardly through the sight chamber, and a drip port establishing communication between the valve chamber and the sight chamber.

1,621,437. DOOR LATCH. ARNOLD A. SCHAEFFER, Houston, Tex. Filed May 1, 1926. Serial No. 106,181. 2 Claims. (Cl. 70—76.)

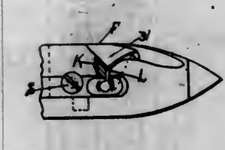


1. A latch comprising a casing, a bolt slidably supported by the casing and provided in its upper and lower edges with notches, a key operated tumbler, and a manually operable tumbler, said tumblers being adapted to engage in the notches in the upper edge of the bolt to secure the latter in projected position, and the manually operable tumbler being adapted to engage in the notch in the lower edge of the bolt provided said tumbler is moved through too great a distance during the operation thereof to effect the release of the bolt.

1,621,438. PROCESS FOR PREPARING A VARNISH. FEDERICO SCHWARTZ, Barcelona, Spain, assignor of one-half to Enrique Gil-Camporro, Barcelona, Spain. Filed Mar. 19, 1925, Serial No. 16,817, and in Spain Mar. 26, 1924. 4 Claims. (Cl. 234—26.)

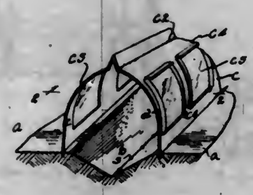
1. A process for the manufacture of a varnish which consists in preparing "castor-oil" ammoniate, saponifying gums or resins in the presence of this "castor-oil" ammoniate, saponifying separately an oil with ammonia and afterwards mixing in suitable proportions the saponified gums or resins with the saponified oil.

1,621,439. SHUTTLE BLOCK. FRANK H. STETSON, Methuen, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I., a Corporation of Rhode Island. Filed Dec. 1, 1922. Serial No. 604,280. 2 Claims. (Cl. 139—223.)



2. The combination with a wooden shuttle, of a threading block which has a guiding front edge which terminates in a downwardly projecting tongue which engages the wood of the shuttle, said tongue having a tooth which projects down and back at the bottom, and is forced into the wood.

1,621,440. PROCESS AND APPARATUS FOR GERMINATING SEED. ELLIOTT J. STODDARD, Highland Park, Mich. Filed Aug. 10, 1925. Serial No. 49,199. 10 Claims. (Cl. 47—19.)

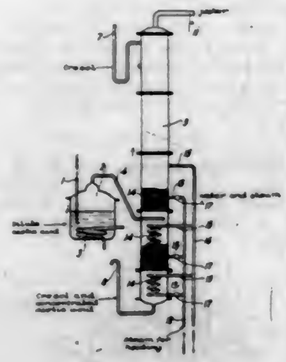


9. The combination of a seed bed, a row of seeds thereon, and a strip of material that shall shed water covering said seed, said strip engaging the bed on both sides of the row, said strip being provided with unobstructed apertures that shall exclude water but admit sunlight, for the purpose described.

10. The method of treating seed for germination, consisting in sowing the seed in the ground, protecting the seed so as to shelter the same from water, leaving room between the seed and protector for the growth of the plant, continuously protecting the seed until the plant

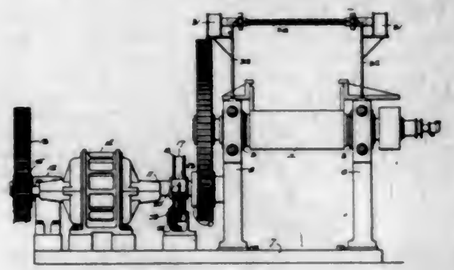
has developed to stand direct watering and sunlight, and watering the seed by pouring water over the protector so that it will be carried to the seed by capillary attraction through the ground.

1,621,441. PRODUCTION OF CONCENTRATED ACETIC ACID FROM DILUTE AQUEOUS SOLUTIONS OF THE SAME. HERMANN SUIDA, Modling, Lower Austria, Austria. Filed Feb. 27, 1925, Serial No. 12,180, and in Austria Mar. 8, 1924. 8 Claims. (Cl. 260—122.)



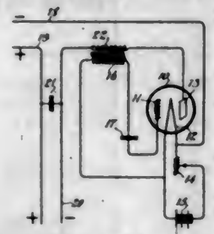
1. A process for producing concentrated acetic acid from dilute aqueous solutions which consists in evaporating the aqueous solution, in superheating the mixture of vapours of acetic acid and water and in extracting the acetic acid from the superheated mixture.

1,621,442. SAFETY STOP MECHANISM. JOSEPH W. THROPP, Trenton, N. J. Filed Aug. 26, 1925, Serial No. 52,615. Renewed Dec. 11, 1926. 4 Claims. (Cl. 192—2.)



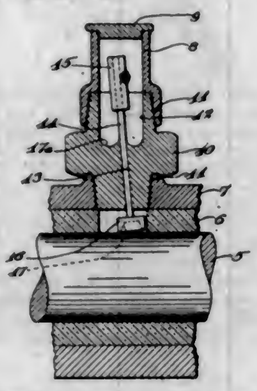
1. The combination with a power shaft to be controlled and a source of power therefor, of a brake apparatus associated with the said power shaft, means normally tending to move the brake apparatus into set position, a pivoted latch device having a surface concentric with its pivotal axis means adapted to be engaged by the said concentric surface for resisting the movement of the brake apparatus into set position, and an electro-magnetic device for causing the movement of the said latch device to disengage the concentric surface from the last said means and thus permit the brake apparatus to be moved into set position.

1,621,443. VOLTAGE REGULATOR. JOHN BOND TREVOR, Jr., New York, N. Y. Filed Feb. 24, 1926. Serial No. 90,403. 4 Claims. (Cl. 171—312.)



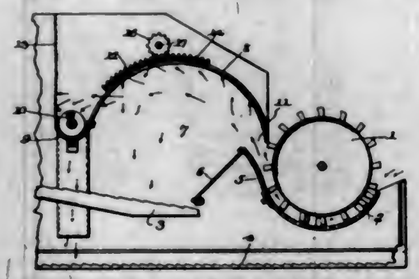
1. A voltage regulator which comprises a power line, the voltage of which is to be regulated, a transformer having primary and secondary windings, a thermionic valve having its output circuit in series with one of the windings of the transformer and with said line and its input circuit in series with the other winding.

1,621,444. OIL REGULATOR. ALEXANDER N. TURNQUIST, Glen Ellyn, Ill. Filed Jan. 27, 1925. Serial No. 5,162. 6 Claims. (Cl. 184—60.)



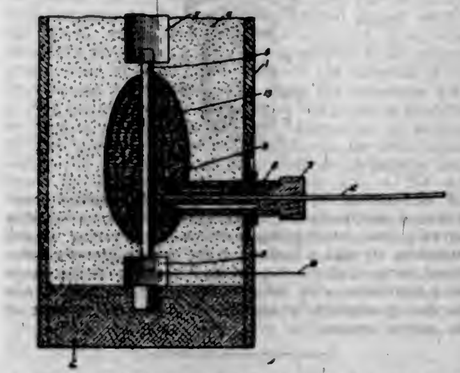
1. The combination with a rotatable shaft of a lubricating device therefor, comprising an oil receptacle opposite the shaft, an inclined stem slidable through the bottom of the receptacle and directed toward the shaft, and an annular enlargement carried by the stem and adapted for rolling contact with the shaft.

1,621,445. THRASHING MACHINE. DANIEL F. UNRUH, Goessel, Kans., assignor of one-half to Ed. Unruh, Goessel, Kans. Filed June 15, 1925. Serial No. 37,364. 3 Claims. (Cl. 130—27.)



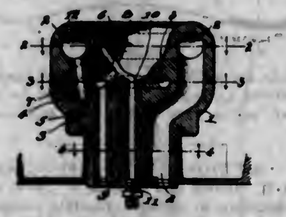
1. The combination with the cylinder and concave of a thrashing machine, a straw rack positioned to receive straw therefrom, and a grain pan beneath the rack and concave, of an extension at the delivery end of the concave, an arcuate plate above the extension and straw rack and cooperating with said extension to form a delivery throat for straw and grain, that portion of the arcuate plate remote from the concave constituting means for deflecting straw downwardly onto the rack and being formed with openings for the escape of chaff and grain, means beyond the arcuate plate for collecting the accumulated chaff and grain passing through the openings, and means for delivering the collected material.

1,621,446. PROCESS AND APPARATUS FOR PRODUCING SILICA ARTICLES. HAROLD L. WATSON, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed Apr. 1, 1926. Serial No. 99,146. 17 Claims. (Cl. 49—78.1.)



1. The process of shaping silica which consists in heating a part only of a mass of silica to fusion in such a manner that the unfused silica serves as a support for the fused silica, exerting sufficient traction upon the fused silica in the heating zone to withdraw the same and excluding unfused silica from withdrawal.

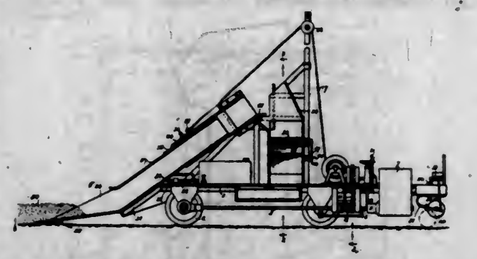
1,621,447. AUTOMATIC MECHANICALLY-OPERATED OIL BURNER. MERRITT AUGUSTUS WILLIAMS, Norfolk, Va. Filed May 5, 1925. Serial No. 28,145. 1 Claim. (Cl. 158—28.)



An oil burner nozzle comprising a one piece metal element, an air duct near the top of the element, an oil duct located between the air duct and the base of the element, the air duct being of larger cross-section than the oil duct, an oil spray opening suitably located in the element, an open communication of small cross-section leading from the air duct to the oil spray opening, means for maintaining a proper temperature on the burner consisting of a heating element suitably located in the nozzle.

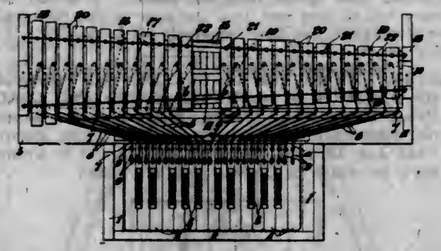
1,621,448. SNOW CLEANER AND DIGGER. ABRAHAM ZILBERSHER, New York, N. Y. Filed May 5, 1926. Serial No. 106,970. 4 Claims. (Cl. 214—131.)

2. In an apparatus of the character described, a frame, a swinging shovel for excavating and discharging material into substantially the center of the frame, and a plurality of means co-acting with said shovel for causing



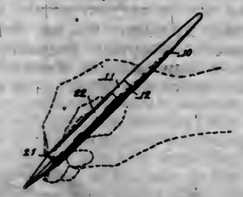
the matter to be discharged into the frame to be moved to one side of the same and discharged therefrom at different elevations.

1,621,449. MEANS OF PLAYING PERCUSSION MUSICAL INSTRUMENTS. ÁRPÁD ANGYAL, Balham, London, England. Filed Dec. 16, 1925, Serial No. 75,829, and in Great Britain Dec. 17, 1924. 1 Claim. (Cl. 84—404.)



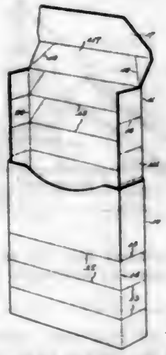
In apparatus for playing percussion musical instruments, a keyboard including a depressible key, a member to be struck to sound a note, a frame member, a rod mounted on said frame member for axial rotation, a crank at each end of said rod, a flexible connection between the crank at one end of said rod and said key whereby depression of said key imparts rotation to said rod, and a hammer member carried by the crank at the other end of said rod normally spaced from said member to be struck and movable into striking engagement with said member by rotation of said rod upon depression of said key.

1,621,450. PEN NIB. HARRY S. ARAMIAN, New York, N. Y. Filed Apr. 15, 1926. Serial No. 102,322. 2 Claims. (Cl. 120—112.)



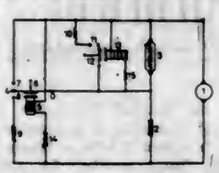
1. In a pen including a holder, a tubular nib having an open end fitted over the end of the holder and a conical lower end slitted upwardly from the apex to define resilient prongs, said nib having a radial filling opening through which ink is introduced to the interior thereof, means axially slidable relative to the nib for closing the filling opening, said closing means comprising a sleeve, and means on the holder for limiting the sliding movement of the sleeve in a direction to uncover the opening.

1,621,451. CONTAINER. HENRY LINCOLN BEACH, Brooklyn, N. Y. Filed Mar. 18, 1926. Serial No. 95,679. 4 Claims. (Cl. 229—20.)



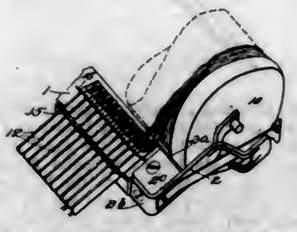
4. A container including a case and a drawer slidable into and from the case, said drawer having a closure tab at its outer end and having parallel transverse weakened lines spaced from one another to permit the closure tab to fold well into the case by the collapsing of the drawer along said transverse score lines.

1,621,452. MEANS FOR REGULATING THE VOLTAGE OF DYNAMOS OF VARIABLE SPEED AND LOAD. HENRI BÉNIT, Paris, France, assignor to La Societe dite l'Eclairage des Vehicules sur Rail, Paris, France. Filed Aug. 13, 1925, Serial No. 50,060, and in France Sept. 20, 1924. 2 Claims. (Cl. 171—229.)



1. Means for regulating the voltage of dynamos of variable speed and variable load, with vibrating regulators having two contacts, comprising in combination with a dynamo having a field winding and a resistance in series with the field winding, a second resistance branched in parallel with said first resistance, an electro-magnetic automatic switch in the connection between the second resistance and the field winding, the magnet of said switch having its terminals connected to the terminals of the first named resistance, whereby said magnet is under the influence of the difference of potential at the terminals of the resistance in the field winding.

1,621,453. TUBE FRAME. WALTER BIXBY, Boston, Mass., assignor to Shawmut Engineering Company, Boston, Mass., a Corporation of Massachusetts. Filed Mar. 6, 1922. Serial No. 541,321. 14 Claims. (Cl. 139—10.)



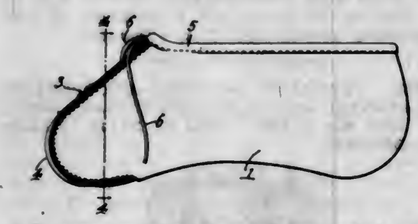
1. In a tube frame, the combination of a carrier bar provided with parallel slotted tube holding members extending longitudinally of the bar and firmly united therewith one forwardly of the other, and a series of parallel tuft tubes each passing through a pair of aligned slots in said holding members and having detachable interlocking engagement with one of the holding members to prevent accidental displacement in an axial direction, substantially as described.

1,621,454. DEVICE FOR FORMING ALIMENTARY PRODUCTS. WILLIAM D. BLEIER, New York, N. Y., assignor to Doughnut Machine Corporation, New York, N. Y., a Corporation of New York. Filed Mar. 25, 1926. Serial No. 97,347. 3 Claims. (Cl. 107—14.)



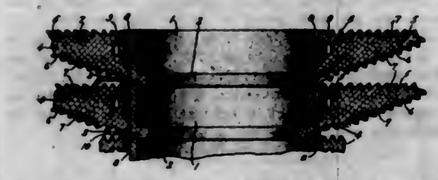
3. A forming device of the character described, comprising a sleeve, and a cooperative co-axial cutter disk movable into overlapping relation in severing plastic extrusions through a perimetric die outlet normally maintained between them, the discharge opening of the sleeve being triangular with counter-recesses at the angles, and the disk configured to correspond in outline to that of the sleeve opening.

1,621,455. COVER FOR BALLET SLIPPERS. BARNEY S. BONAVENTURE, New York, N. Y. Filed Apr. 2, 1926. Serial No. 99,320. 3 Claims. (Cl. 36—72.)



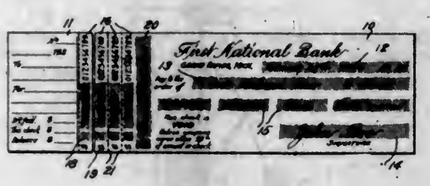
1. A cover for ballet slippers formed mainly of non-elastic material having an elastic insert in the toe portion thereof, and a wear device upon said insert.

1,621,456. SECTIONAL-TYPE INDUCTANCE COIL. WILLIAM W. BROWN and JOSEPH E. LOVE, Schenectady, N. Y., assignors to General Electric Company, a Corporation of New York. Filed Apr. 25, 1925. Serial No. 25,914. 5 Claims. (Cl. 175—359.)



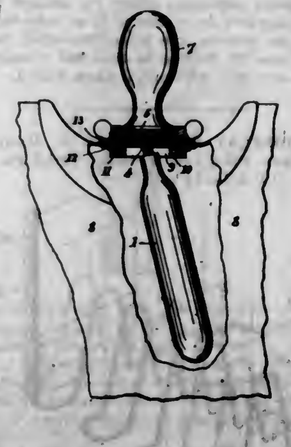
1. In combination a plurality of superposed hollow flanged members, one fitting partially within another and a plurality of insulators mounted on said members and extending outwardly therefrom.

1,621,457. CHECK. JAY BULLOCK, Marquette, Mich., assignor to Anna Synthia Reed, Portland, Oreg. Filed July 3, 1925. Serial No. 41,350. 1 Claim. (Cl. 283—12.)



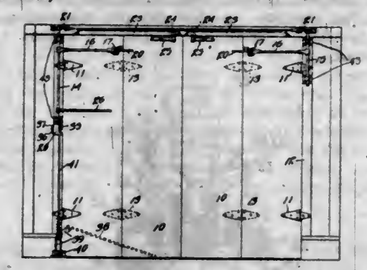
In a check having spaced parallel spaces, appropriately designated for the insertion of data, and treated to disclose attempts of erasure, denominational spaces bearing the words thousands, hundreds, tens and ones, over which the face value of the check is adapted to be written, spaces along the back of the check for the insertion of the amount, and a designated space along the transverse margin for the insertion of the name of the payee, a plurality of tabs at one end thereof and adapted to be severed therefrom, indicia upon each of said tabs, the said indicia comprising denominational units such as thousands, hundreds, tens and ones, and digits from 0 to 9, the said digits being adapted to be cancelled to designate the number of denominational units to be taken, the said tabs further having designated spaces for the insertion of the number of the said denominational units to be taken, the said tabs being attached to the check by means of scored lines adapting the tabs to be severed from the check and from each other in such manner that the indicia on the tabs attached to the check will denote the amount for which it was drawn.

1,621,458. INFLATING APPARATUS FOR LIFE-SAVING DEVICES. ROBERT HUNTER CAMPBELL, Upper Edmonton, London, England, assignor to Sparklets Limited, London, England. Filed Oct. 22, 1925, Serial No. 64,190, and in Great Britain Aug. 5, 1925. 2 Claims. (Cl. 9—19.)



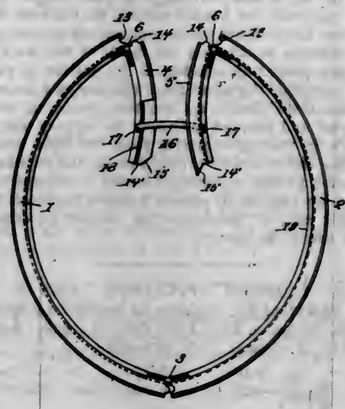
1. In apparatus of the type described, a flexible bag having an opening, a capsule within said bag, a closure for the bag opening, and a handle formed in one with said closure, in combination with a stem-like portion made hollow and breakable for part of its length, secured into said capsule and said closure, relative angular displacement of said capsule and said handle being adapted to break said stem-like portion and to discharge the capsule contents into the bag.

1,621,459. DOOR OPENING AND CLOSING MECHANISM. JAMES A. CREWES, Indianapolis, Ind. Filed Mar. 4, 1926. Serial No. 92,355. 11 Claims. (Cl. 268—35.)



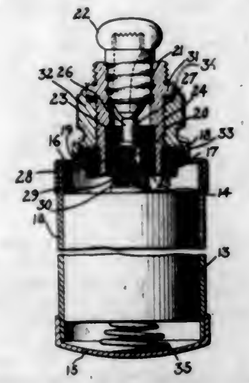
1. In combination a door frame, a door pivoted at each side of the frame, separate irreversible pin and slot operators for each door, manual and pedal driving means for one of said operators and connecting linkage between the two operators, substantially as set forth.

1,621,460. AUTOMOBILE TIRE RIM. JOSE CRUZ and PEDRO NOGUERA, Shelton, Conn. Filed Apr. 29, 1925. Serial No. 26,771. 1 Claim. (Cl. 301—82.)



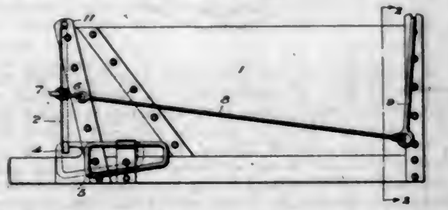
A collapsible tire rim comprising a pair of main rim sections, a pair of supplemental rim sections, each of said sections being formed with outwardly extending tire bead receiving flanges at opposite sides, all of said rim sections being adapted for end to end assembly in circumferential relation in expanded tire supporting position, each of said sections having the flanges formed with projections adapted to interfit in sockets formed in the flanges of adjacent sections, independent hinge means securing each of said supplemental sections to one of said main sections and pivotally securing said main sections together, each of said hinge means securing said sections in abutting coincident and tire supporting position, and a link pivotally secured at its ends to the inner faces of said supplemental sections intermediate the ends of said sections, said supplemental sections having the end portions slotted to receive said link, said link retaining said supplemental sections with the ends in abutting coincident relation in tire supporting position; whereby the interfitting of the projections in the recesses and the abutting of the ends of the rim sections in expanded tire supporting position directly distributes lateral stress to the rim circumferentially and relieves such stress from application to the link, and hinge means connecting the sections.

1,621,461. DIAGNOSTIC INSTRUMENT. HENRY L. DE ZENG, Geneva, N. Y., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Original application filed Feb. 15, 1923, Serial No. 619,085. Divided and this application filed Oct. 3, 1925. Serial No. 60,215. 2 Claims. (Cl. 240—10.5.)



1. In a device of the character described, a handle, a battery in the handle having a projecting pole member, a cover cap over the handle having an internal opening, an annular lamp socket in the opening of the cap, an annular insulating member on the inside of the lamp socket, an annular insulating member on the outside of the lamp socket insulating the same from the cap, a contact member in the inner insulating member connecting with the lamp socket and adapted to engage the battery pole, a contact piece on the cap insulated from the light socket and an annular sleeve rotatably mounted on the outside of the lamp socket having a portion adapted to engage the contact piece on the cap in certain rotative positions to close the circuit and to disengage the contact in other positions to break the circuit.

1,621,462. DUMPING APPLIANCE. JOHN J. DOUGHERTY, Scranton, Pa., assignor of one-half to William P. Boland, Scranton, Pa. Filed Oct. 13, 1923. Serial No. 668,451. 5 Claims. (Cl. 298—23.)



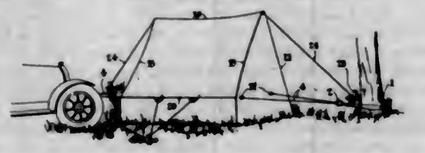
1. A dumping appliance comprising a body; a door mounted for swinging movement thereon; instrumentality disposed on the exterior of the body and connected with the door and including a downwardly-extending member within the body and adapted to bear against the inside of the front end of the car and be engaged by contents of the body to maintain the door in closed position.

1,621,463. WINDOW. LUIS ESTRADA, Buenos Aires, Argentina. Filed Sept. 19, 1925. Serial No. 57,401. 3 Claims. (Cl. 20—42.)

1. A window, comprising a stationary main frame, an auxiliary frame mounted in and movable relatively to the main frame, brackets secured to the side members of the auxiliary frame, vertically adjustable forks mounted in said brackets, a sash, and upper and lower link connections between said forks and the corresponding side members of the sash to enable the latter to move bodily out of and into the auxiliary frame, said auxiliary frame being movable in a direction to bring the sash into position to enable its outer surface to be cleaned from within the interior of the room wherein the window is located.

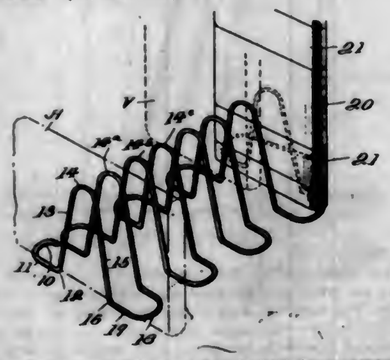


1,621,464. CAMPING OUTFIT. JOSEPH OVILA FORTIN, Ottawa, Ontario, Canada. Filed Feb. 2, 1925. Serial No. 6,456. 7 Claims. (Cl. 5—113.)



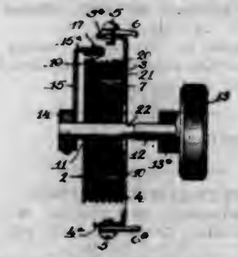
1. A camping outfit adapted for simultaneous erection comprising in combination a tent, a fabric sheet adapted to form a bed within the tent, flexible tension members extending along the longitudinal edges of said sheet and through opposite walls of the tent, struts loosely connected to said tension members for spreading the same apart so that when said members are under tension said struts are under compression, and vertically adjustable means loosely connected to the tension members for maintaining the sheet supported above the ground when the ends of said members are anchored at or near the ground, the connections between the several members being permanent but loose or flexible so that the complete outfit moves as a unit and is compact when folded.

1,621,465. DISPLAY RACK. JOHN C. HAMMES, Des Moines, Iowa. Filed June 2, 1926. Serial No. 113,190. 2 Claims. (Cl. 211—14.)



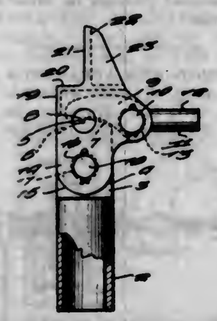
1. A display rack for materials in bolt form comprising a single piece of wire with bends in both the horizontal plane and successive parallel vertical planes whereby to form horizontal supporting portions to rest upon a support, and vertical loops in successive parallel planes, said loops being each adapted to be received within a bolt of said material to support the same in vertical displayed position.

1,621,466. RHEOSTAT. JOHN ELLIOTT JENKINS, Chicago, Ill. Filed Mar. 15, 1922. Serial No. 543,859. 21 Claims. (Cl. 201—56.)



8. A rheostat comprising a block of non-conductive material, having a helical groove formed in the annular face thereof, a resistance wire lying within said groove, an endwise shiftable and rotative spindle journalled axially in said block, a contact arm mounted on said spindle, and adapted to track in said groove in contact with said wire, a knob mounted at one end of said spindle, a conductor connected with one end of said resistance wire, a conductor plate fixed to one side of said block, and having an apertured end portion adapted in one position of endwise movement of said spindle to have electrical contact therewith, said spindle having a reduced portion adjacent said point of contact, whereby the shifting of said spindle into another position separates said spindle and plate, breaking the circuit therethrough.

1,621,467. ROTARY BACK-UP POST. CHARLES W. PERKINS, Sulphur Mines, La., assignor to William J. Miller, Sulphur, La. Filed Aug. 11, 1925. Serial No. 49,657. 3 Claims. (Cl. 255—35.)



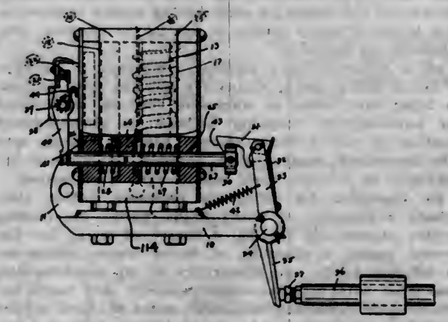
1. In combination, a post provided with an upper flattened terminal forming a tongue, a tong support provided with a pair of depending ears adapted to embrace the tongue and pivotally connected with the tongue, a latch member pivotally connected to the tong support and provided with an anvil extending beyond the pivot opposite to the latch member, the latch member adapted to engage the tongue.

1,621,468. AQUEOUS RUBBER DISPERSION AND PROCESS OF PRODUCING THE SAME. WILLIAM BEACH PRATT, Wellesley, Mass., assignor to Research, Incorporated, Boston, Mass., a Corporation of Massachusetts. Filed July 2, 1923. Serial No. 649,158. 12 Claims. (Cl. 106—28.)

1. A process of dispersing rubber in water, which comprises dissolving rubber in a solvent, then mixing such solution with water in the presence of a soapy vegetable extract whereby the rubber globules are dispersed in the aqueous medium, without breaking down the physical structure of the globules, and finally removing the solvent without recoagulating the dispersed rubber globules.

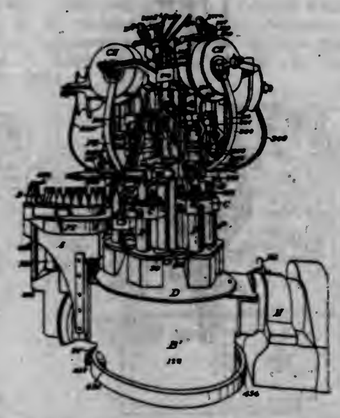
7. A process of dispersing rubber in water, which comprises dissolving rubber in a solvent, mixing the solution with water containing a soapy vegetable extract, then mixing the resulting mass and water so that the water forms the continuous phase of the dispersion or emulsion, and the decoagulated rubber globules are dispersed therein, removing said solvent, and concentrating the resultant product by removal of water until a smooth paste results, all without recoagulation of the rubber globules.

1,621,469. ELECTRIC GENERATOR. BENJAMIN P. REMY, Indianapolis, Ind. Filed Dec. 1, 1925. Serial No. 72,525. 5 Claims. (Cl. 171—209.)



1. In an inductor generator, the combination of a permanent magnet, a pair of pole pieces each in magnetic contact with one of the poles of said magnet, one of said pole pieces in magnetic contact with two polar projections, and an inductor interposed between the other pole piece and said polar projections and movable linearly from one to the other of the latter.

1,621,470. BOTTLING MACHINE. PATRICK W. SHIELDS, Pittsburgh, Pa., assignor to McKenna Brass & Manufacturing Company Inc., Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 14, 1921. No. 507,769. 111 Claims. (Cl. 226—77.)



5. A rotary bottling and crowning machine, comprising a plurality of bottle filling and crowning heads, means for rotating said machine to bring said heads suc-

cessively to a plurality of stations, means for delivering crowns to said heads, and means operated by said last named means for automatically rendering said rotating means inoperative if said crown feeding means is inoperative, substantially as described.

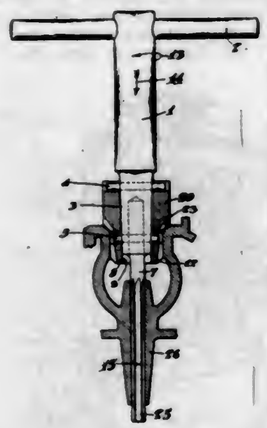
7. A rotary bottling machine, comprising a plurality of bottle filling heads, means for rotating said machine to bring said heads successively to a plurality of stations, a bottle support cooperating with each of said heads, means at one of said stations for feeding a bottle to each of the supports, and means for rendering said bottle feeding means ineffective for feeding a bottle to any of said supports as desired, while continuing the feed to the remainder of said supports, substantially as described.

36. The combination with a bottling machine and means for driving the same, of a bottle feeding mechanism and means spaced above the bottle feeding mechanism and adapted to be engaged by a bottle, the last mentioned means cooperating with the bottle feeding mechanism for rendering said driving means inoperative if a bottle of undue height is fed to the machine, substantially as described.

43. A rotary bottling machine, comprising a plurality of bottle filling heads, means for rotating said machine to bring said heads to successive stations, and means for automatically stopping a head in predetermined position in case a bottle thereon becomes broken, said last mentioned means being normally maintained inoperative by a bottle itself substantially as described.

49. Apparatus for filling and crowning bottles, comprising a plurality of filling heads, means for feeding bottles successively thereto, a source of water for the several heads, a plurality of flavor sources connected to different heads, and a plurality of cap supply means associated with different heads, whereby said heads are effective for producing successive series of filled bottles of different flavors, each properly identified by its cap, substantially as described.

1,621,471. VALVE SEATING AND ALIGNING TOOL. OLIVER G. SIMMONS, Lakewood, Ohio, assignor to The National Tool Company, Cleveland, Ohio. Filed Sept. 9, 1926. Serial No. 134,492. 1 Claim. (Cl. 90—12.5.)



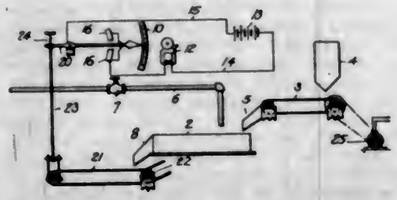
In a valve seating tool, a body portion provided with a valve stem reamer cutter, a detachable chamfering cutter and a detachable port cutter interposed between the cutters aforesaid, said port cutter being concentrically ground and serving as a guide to maintain alignment between said chamfering cutter and said valve stem reamer cutter.

1,621,472. MOLD FOR CASTING METALS. WILLIAM H. SMITH, Detroit, Mich., assignor to Ford Motor Company, Highland Park, Mich., a Corporation of Delaware. Filed Aug. 14, 1925. Serial No. 50,312. 1 Claim. (Cl. 22—188.)

A metallic mold for hot metal casting made from iron having no other element or elements in its make-up over one per cent.

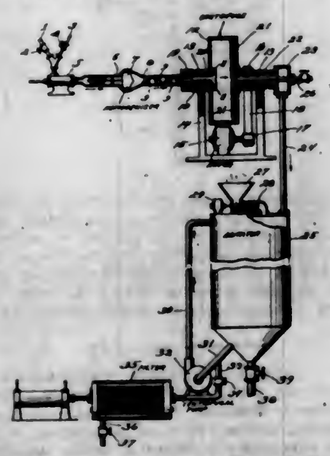
1,621,473. [WITHDRAWN.]

1,621,474. ORE-TREATING SYSTEM. ALFRED L. BLOMFIELD, Kingman, Ariz. Filed May 17, 1919. Serial No. 297,913. 5 Claims. (Cl. 265—68.)



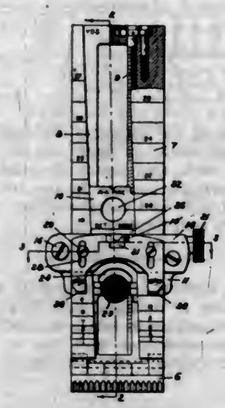
1. In an ore treating system, the combination of means adapted to separate solids in materials in classes according to their weight and including a movable element, an indicator pivoted intermediate of its ends to form two arms, one of the arms being connected with the said element and actuated by the same, a scale cooperating with the other arm of the indicator, and contacts located at opposite sides of the indicator and arranged to be engaged by the latter when the indicator moves a predetermined distance in either direction from its normal position.

1,621,475. METHOD AND APPARATUS FOR TREATING PETROLEUM HYDROCARBONS. WALTER M. CROSS, Kansas City, Mo. Filed Nov. 24, 1924. Serial No. 751,849. 3 Claims. (Cl. 196—40.)



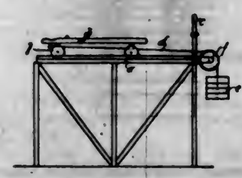
1. A continuous process for treating petroleum hydrocarbons, consisting in combining the oil with an acid to form an intimate mixture, limiting the period of contact to a predetermined length of time of approximately one half minute to prevent polymerization of the oil, separating the oil from the acid sludge by mechanical separation.

1,621,476. REAR SIGHT FOR GUNS. SAMUEL G. GREEN, Gray, Ga. Filed June 15, 1925. Serial No. 37,352. 7 Claims. (Cl. 33—55.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)



7. A rear sight for guns embodying a slotted leaf having an inclined guideway, a drift slide in the guideway provided with a sighting aperture, a main slide embracing the leaf and connected to the drift slide, and an adjustable range index plate attached to the main slide.

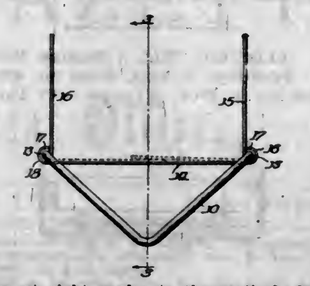
1,621,477. GYMNASTIC APPARATUS. JOS PILATES, Hamburg, Germany. Filed Aug. 24, 1925, Serial No. 52,205, and in Germany Aug. 27, 1924. 6 Claims. (Cl. 272—81.)



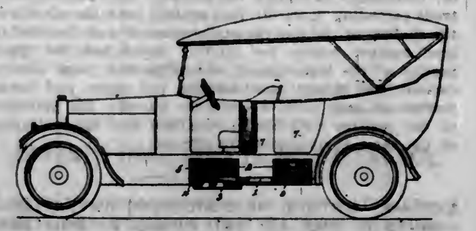
1. Gymnastic apparatus comprising a substantially horizontal carriage mounted for movement in a linear direction and of a length sufficient to afford support to the back and shoulders of the user when in recumbent position, said carriage being mounted for movement in a linear direction, an abutment positioned toward one end of the upper surface of the carriage and projecting therefrom sufficiently to engage against the shoulders of the user and resistance means arranged between said carriage and a fixed point and acting to oppose movement of said carriage.

1,621,478. SLEEPER ANCHOR. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Co., Chicago, Ill., a Corporation of Delaware. Filed Dec. 8, 1923. Serial No. 679,470. 8 Claims. (Cl. 72—101.)

7. In a device of the class described, the combination of a single wire bent to provide a pair of V-shaped anchor elements, and wings having a hinge connection with the connecting wires and adapted to lie in a vertical plane at right angles to the vertical plane of the anchor elements.

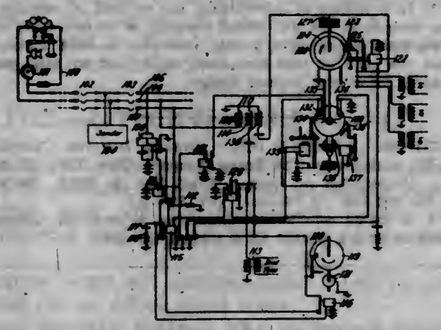


1,621,479. RETRACTING SECTIONAL RUNNING BOARD. WILLIAM H. CLEVELAND and CLARENCE W. BOTHE, Wellington, Kans. Filed May 25, 1923. Serial No. 641,496. 2 Claims. (Cl. 280—166.)



2. In combination with an automobile having a body with one or more doors, an apron projecting downwardly from the body and having front and rear mud guards of a running board consisting of a front, a rear and an intermediate section, all of said sections capable of being positioned within the apron and of being positioned outwardly, therefrom, one or more of said sections being operatively connected with the said doors, the sections when positioned outwardly forming a continuous running board extending from the front to the rear mud guards.

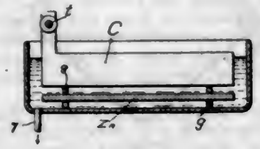
1,621,480. TESTING SYSTEM. CLAUDE EWING, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 31, 1926. Serial No. 132,825. 13 Claims. (Cl. 179—175.)



1. In a testing system for testing impulse transmitters located at subscribers' stations, a testing device arranged

to be automatically associated with a transmitter in response to the initial operation thereof and responsive to further operation of said transmitter for testing the same.

1,621,481. ELECTRIC CELL. CHARLES FÉRY, Paris, France. Filed Sept. 2, 1921, Serial No. 498,092, and in France Dec. 1, 1914. 3 Claims. (Cl. 136—136.)



1. The improvement in the electric cells employing a soluble negative electrode horizontally disposed at the bottom thereof, and having an exciting liquid made up of a layer each of lower and higher density electrolyte, said negative electrode being covered with the higher density layer, which comprises, a positive electrode having the major portion thereof elongated and having its greatest dimensions extending horizontally, said positive electrode extending upwardly into contact with the air above the surface of the low density electrolyte and disposed in such manner within the exciting liquid and the upper portion of the high density electrolyte that local electric current may freely pass between the upper and lower portion of said positive electrode whereby the potential of the positive electrode is equalized and depolarization of the same is automatically effected.

1,621,482. METHOD OF PRODUCING ADVERTISING SIGNS IN THE AIR AND PRODUCT. JOHN REID, Glasgow, Scotland, assignor to Alfred Ernest White, London, England. Filed May 5, 1920, Serial No. 379,187, and in Great Britain May 7, 1919. 4 Claims. (Cl. 40—127.)

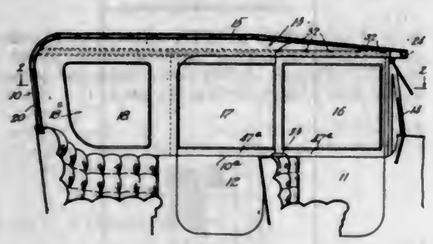


1. In a system of advertising, the method of establishing designs in the air, which consists in maneuvering an aeroplane, giving off a visible substance in such manner that the path of said aeroplane, as defined by said substance, forms the desired design.

1,621,483. SOLUBLE OIL. HOWARD DIMMIG, Chicago, Ill., assignor to The Texas Company, New York, N. Y., a Corporation of Texas. Filed Feb. 8, 1924. Serial No. 691,508. 4 Claims. (Cl. 87—9.)

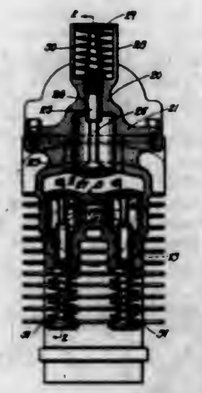
1. A stable soluble oil comprising mineral oil, sodium resinate and a phenol as a mutual solvent.

1,621,484. ADJUSTABLE WINDOW HANGER. MELVIN B. PRICE, Los Angeles, Calif.; Lydia Ann Price executrix of said Melvin B. Price, deceased. Filed Apr. 18, 1921. Serial No. 462,111. 9 Claims. (Cl. 296—47.)



6. In a device of the character described, a shoe and a track therefor, means to hold the shoe in adjusted position on the track, said means comprising a plurality of relatively staggered recesses in the track having oppositely inclined ends and complementary means on the shoe to engage in said recesses.

1,621,485. VALVE CONSTRUCTION FOR GAS ENGINES. EDWARD B. RODGERS, New York, N. Y. Refiled for abandoned application Serial No. 535,827, filed Feb. 9, 1922. This application filed Dec. 8, 1925. Serial No. 74,182. 2 Claims. (Cl. 123—90.)



1. In an internal combustion engine, the combination of a cylinder, a cylinder head having a chamber disposed laterally at one end of the cylinder and in communication therewith, the bottom wall of said chamber having a pair of valve seated openings, said cylinder head having a relatively large opening opposite said valve seated openings, an integral extension, of the cylinder having a pair of exhaust ports one for each of said valve seated openings, a valve for each of said openings, spring head stems for said valves, a cap to be received in the second mentioned opening and having a valve seated opening disposed between the first mentioned openings and in opposition thereto, said cap having an intake port, a valve for said last mentioned valve seated opening, and a spring press stem for said valve.

Patents Nos. 1,621,486 to 1,622,264.

THE
OFFICIAL GAZETTE
OF THE
United States Patent Office.

Vol. 356—No. 4. TUESDAY, MARCH 22, 1927. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $4.00 per annum; single numbers, 10 cents each.

PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.

CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

CONTENTS.

	Page.
ISSUE OF MARCH 22, 1927	749
CHANGES IN CLASSIFICATION	749
ADVERSE DECISIONS IN INTERFERENCE	749
NOTICE—CHANGES IN PATENT OFFICE FEES	749
APPLICATIONS UNDER EXAMINATION	750
COMMISSIONER'S DECISION—	
Geldman v. Hall, Hartwell & Co., Inc.	751
DECISIONS OF THE U. S. COURTS—	
The Davies-Young Soap Co. v. The Selig Co	752
In re Parks	752
PATENT SUITS	753
ADJUDICATED PATENTS	754
INTERFERENCE NOTICE	754
NOTICE OF CANCELLATION	754
TRADE-MARKS PUBLISHED (225 APPLICATIONS)	755
TRADE-MARK REGISTRATIONS GRANTED	788
TRADE-MARK REGISTRATIONS RENEWED	803
LABELS	808
PRINTS	808
REISSUES	811
DESIGNS	811
PATENTS GRANTED	834

Issue of March 22, 1927.

Trade-Marks	372	No. 225,449 to No.	225,820, inclusive.
T. M. Renewals	122		
Labels	26	No. 31,305 to No.	31,330, inclusive.
Prints	42	No. 9,632 to No.	9,673, inclusive.
Reissues	2	No. 16,575 to No.	16,576, inclusive.
Designs	54	No. 72,260 to No.	72,305, inclusive.
Patents	779	No. 1,621,486 to No.	1,622,264, inclusive.
Total	1,406		

Changes in Classification.

(ORDER No. 2,998.)

U. S. PATENT OFFICE, *Washington, Mar. 8, 1927.*

The following changes are hereby directed, to take effect March 15, 1927:

Establish, in Rooms 182, 184, and 103 of the Patent Office, new examining division 55, and transfer thereto the following classes:

30, Cutlery, from Division 26;

107, Bread, Pastry, and Confection Making, from Division 44;

Designs, from the Division of Designs.

Transfer the following class from Division 25 to Division 32:

183, Gas Separation.

Transfer the following classes from Division 6 to Division 25:

8, Bleaching and Dyeing;

52, Explosive, Pyrotechnic, and Match Compositions;

71, Fertilizers;

127, Sugar, Starch, and Carbohydrates.

THOMAS E. ROBERTSON,
Commissioner.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,452,214, F. H. Nicholson, Railway-traffic-controlling apparatus, decided February 12, 1927, claims 8, 10, 24, 26, and 27.

Pat. 1,484,525, J. E. Noeggerath, Means for damming up semisolid substances, decided February 8, 1927, claim 1.

Pat. 1,508,371, L. Krieger, Process of preserving batteries, decided January 29, 1927, claims 1 to 5, inclusive.

Pat. 1,542,144, Y. Katsumoto, Core of transformers, decided January 28, 1927, claims 1, 2, and 3.

Pat. 1,566,942, W. A. Willis, Rail, decided January 31, 1927, claims 1 to 6, inclusive, and 8.

Pat. 1,593,721, P. S. Kane, Golf ball, decided February 7, 1927, claim 1.

NOTICE—CHANGES IN PATENT OFFICE FEES—EFFECTIVE APRIL 14, 1927.

The act of Congress approved February 14, 1927, amends section 4934, Revised Statutes, so as to provide (except in design cases) a fee on filing each original application for a patent of $20 and of $1 for each claim in excess of twenty, and on issuing each original patent, of $20 and of $1 for each claim in excess of twenty.

The new rates are effective in connection with all applications filed on or after April 14, 1927, and all final fees paid on or after that date.

In every case which contains more than twenty claims, the payment after April 13, 1927, of a final fee of $20, or less than $20 plus $1 for each claim in excess of twenty, will not save the case from forfeiture.

Condition of Applications Under Examination at Close of Business March 11, 1927.

Room No.	Divisions, Examiners, and Subjects of Inventions. (Total number of applications awaiting action, excluding Trade-Mark Division, 55,321; Trade-Mark Division, 1,913. Oldest new case, July 22, 1926; oldest amended, July 23, 1926. The dates given are 1926 except where † indicates 1927.)	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders	Dec. 27	Dec. 30	455
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Nov. 16	Nov. 16	665
331	3. LINDSEY, A., Electric Heating; Electrochemistry, Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Oct. 15	Oct. 14	1,482
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Oct. 4	Oct. 16	1,422
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters	Oct. 1	Oct. 1	903
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Sugar and Starch.	Aug. 11	Sept. 1	1,968
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Oct. 5	Oct. 4	1,191
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Oct. 27	Nov. 6	1,639
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Dec. 27	†Jan. 3	704
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops	Oct. 26	Oct. 28	1,151
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufacture; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.	Dec. 9	Dec. 4	799
380	12. PIERCE, P. P., Machine Elements	Nov. 1	Nov. 1	1,017
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Oct. 2	Nov. 1	1,098
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 18	Oct. 7	1,031
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Nov. 11	Nov. 11	1,257
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Nov. 10	Dec. 7	714
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 5	Oct. 9	719
229	18. PORTER, M. E., Motors, Expansible Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 23	Sept. 1	958
236	19. GLASCOCK, E. S., Furnaces, Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Nov. 19	Dec. 1	746
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Nov. 2	Nov. 3	940
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Oct. 12	Oct. 15	914
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 16	Sept. 16	809
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 25	Nov. 18	553
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 7	Sept. 8	959
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Classifying Solids; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Oct. 23	Nov. 1	1,208
226*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 16	Oct. 4	872
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 15	Nov. 14	796
225	28. BENSON, A. R., Internal-Combustion Engines	Nov. 5	Nov. 27	1,109
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Oct. 7	Oct. 13	1,133
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats	Nov. 6	Dec. 7	911
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Oct. 14	Oct. 27	1,486
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Nov. 9	Nov. 9	596
152	33. WYMAN, W. L., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Dec. 3	Dec. 10	1,166
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock Switches, and Signals; Store Service; Vehicle Fenders.	Oct. 7	Oct. 8	776
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Dec. 1	Dec. 13	702
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.	Dec. 23	Dec. 18	766
224*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	Oct. 8	Oct. 11	1,383
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells	Sept. 7	Aug. 16	1,035
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Dec. 31	†Jan. 3	417
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles	Nov. 9	Nov. 9	1,503
125	41. BROWN, J. L., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Dec. 11	Dec. 13	660
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Sept. 20	Sept. 23	1,476
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 22	Dec. 1	816
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Oct. 2	Sept. 17	1,277
370	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Nov. 26	Nov. 29	807
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Oct. 25	Oct. 25	925
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 12	Nov. 13	1,274
213*	48. ROEPKE, O. B., Electricity, General Applications	Sept. 28	Sept. 21	1,027
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification	Sept. 24	Oct. 4	988
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Nov. 19	Nov. 26	1,146
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission	Sept. 15	Sept. 15	1,275
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Nov. 2	Nov. 4	1,114
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Oct. 30	Nov. 5	875
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes	July 22	July 23	1,718
102	Designs: ———— (Acting)	†Feb. 13	†Feb. 24	467
163	Trade-Marks, Labels, and Prints: F. A. RICHMOND — Trade-Marks	†Feb. 9	†Feb. 26	1,734
	Labels and Prints	†Mar. 1	†Feb. 24	179

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

GOLDMAN *v.* HALL, HARTWELL & CO., INC.

Decided August 20, 1926; rehearing September 23, 1926.

1. TRADE-MARKS — OPPOSITION — MATTERS PLEADED IN NOTICE OF OPPOSITION—FAILURE TO ANSWER.

Where in the notice of opposition the registration of opposer was pleaded as well as the similarity of the marks and probable confusion of goods and the applicant took no testimony to show error in opposer's pleadings, *Held* that the Examiner properly considered opposer's registered trade-mark, although notice of the registration had not been given under rule 54 (*e*), and he properly assumed jurisdiction to decide the question of similarity of the marks and of the goods of the respective parties in the absence of testimony upon these matters. The applicant had, in such pleadings, full notice that these matters would be considered at final hearing, notwithstanding opposer took no proofs.

2. SAME—SAME DESCRIPTIVE PROPERTIES—MALE ATTIRE—WOMEN'S AND CHILDREN'S.

Collars and dress, negligee, and work shirts belong in a general way to the same class (clothing) as middy blouses, ladies', children's, and misses' dresses, knickers, boys' suits, bloomers, overskirts, waists, and sport coats, and two substantially identical marks appearing in the same market upon these goods would result in confusion or mistake in the mind of the public and the deception of purchasers.

3. SAME—OFFICE RECORDS—REGISTRATION.

The Office is bound to take notice of its own records and in the ex parte consideration of an application should deny registration in view of a prior registration of substantially the same mark used on the same class of goods. Registration is prima facie evidence of ownership of the mark.

APPEAL from Examiner of Interferences.

Opposition No. 6,302 to registration of trade-mark of Hall, Hartwell & Co., Inc., for collars and shirts, filed February 6, 1925, Serial No. 209,164, published March 24, 1925.

Mr. John E. Cross for Harry W. Goldman.

Mr. Frank C. Curtis for Hall, Hartwell & Co., Inc.

KINNAN, *First Assistant Commissioner:*

This case comes on for review, on appeal of Hall, Hartwell & Co., Inc., applicant, of the decision of the Examiner of Interferences sustaining the opposition filed by Harry W. Goldman, doing business as The Harry W. Goldman Co., and adjudging the applicant not entitled to the registration for which it has applied.

The applicant company seeks registration of the notation "Bonniebriar," used as a trade-mark for collars and dress, negligee, and work shirts. Continuous use of the mark since July 16, 1923, is alleged, although the application was filed February 6, 1925. The opposer claims registration No. 174,260, October 9, 1923, of the mark "Bonnie Briar," used on middy blouses, ladies', children's, and misses' dresses, knickers, boys' suits, bloomers, overskirts, waists, and sport coats.

No testimony has been taken by either party, and the applicant, in consequence, is restricted to the date of its application. No briefs were filed before the Examiner of Interferences, and none has been filed on this appeal on behalf of the appellant, although counsel appeared at the hearing and argued the case. The appellee has filed a typewritten brief.

[1] In the assignment of errors accompanying the appeal it is alleged the Examiner of Interferences should not have considered opposer's registered trade-mark, because notice had not been given the applicant in accordance with Patent Office rule 154 (*e*), and that tribunal should not have assumed jurisdiction to decide the questions of similarity of the marks and of the goods of the respective parties in the absence of testimony upon these matters.

These contentions are deemed without merit. In the notice of opposition the registration of opposer was pleaded as well as the similarity of the marks and probable confusion of goods. The applicant took no testimony to show error in opposer's pleadings and had, in such pleadings, full notice that these matters would be considered at final hearing, notwithstanding opposer took no proofs.

[2] The marks are substantially identical, the only difference being that the two words of opposer's mark are formed into a single word in the applicant's mark. The words are spelled the same, look alike, sound the same, and have identical significance. As to the goods upon which the respective parties use the marks, it may be said that in a general way those of the applicant relate to male attire, while those of the opposer are generally for the use of women and children. There is, however, no clear line between these various articles of wearing apparel. In a general way they all belong to the class of clothing, and it is believed inevitable that these two substantially identical marks appearing in the same market upon these goods here under consideration would result in confusion or mistake in the mind of the public and the deception of purchasers. The cases cited by opposer, especially those of *H. Wolf & Sons* v. *Lord & Taylor*, 202 O. G. 632, 41 App. D. C. 514; *E-Z Waist Company* v. *Reliance Mfg. Co.*, 311 O. G. 709, 52 App. D. C. 291; *Rosenberg Co.* v. *Elliott*, 7 Fed. (2d) 962, to which may be added *The American Tobacco Co., Inc.*, v. *Gordon*, 342 O. G. 510, —— App. D. C. ——, are believed to be conclusive that all these goods belong to the same general class and constitute "merchandise of the same descriptive properties" within the meaning of section 5 (*b*) of the Trade-Mark Act of February 20, 1905.

The decision of the Examiner of Trade-Mark Interferences sustaining the opposition and adjudg-

ing the applicant not entitled to the registration sought is affirmed.

ON REHEARING.

KINNAN, *First Assistant Commissioner:*

The applicant company, through its counsel, has petitioned for a rehearing of the matters decided by me on August 20, 1926.

The point urged in support of the petition is that the Office should not consider the registration of the opposer in the absence of the taking of testimony.

[3] The Office is bound to take notice of its own records and, in the ex parte consideration of the application, should have denied registration in view of the registration of the opposer. Registration is prima facie evidence of ownership of the mark (sec. 16 of the act of February 20, 1905).

It is not thought there has been any such error in the former judgment as would warrant the reaching of any other conclusion than that set forth in my decision of August 20, 1926.

The petition is, in consequence, denied.

Court of Appeals of the District of Columbia.

THE DAVIES-YOUNG SOAP CO. *v.* THE SELIG CO.

No. 1,870. Decided December 6, 1926.

TRADE-MARKS—"DYSCO"—"SELCO"—NOT DECEPTIVELY SIMILAR.

The arbitrary words "Dysco" and "Selco" are not so similar, either in appearance or pronunciation, as to make confusion in trade probable.

APPEAL from the Commissioner of Patents. Affirmed.

Mr. Howard S. Smith and *Mr. W. L. Symons* for The Davies-Young Soap Co.

Mr. E. H. Talbert for The Selig Co.

Before MARTIN, Chief Justice, VAN ORSDEL, Justice, and HATFIELD, Judge of the U. S. Court of Customs Appeals.

MARTIN, *C. J.:*

This is an appeal from a decision of the Commissioner of Patents dismissing the opposition of appellant to the registration of a trade-mark applied for by the appellee.

The trade-marks in question are for use upon similar goods, to wit vegetable-oil cleaning soap.

On August 15, 1922, the appellant obtained registration of the mark "Dysco" for use upon its goods, having used the mark since July 1, 1921. In the month of July, 1923, the appellee began the use of the word "Selco" as the trade-mark for similar goods, and on February 14, 1924, filed its present application for registration. The application was opposed by appellant upon a claim that the names are so similar as to be likely to produce confusion in trade and commerce. The opposition was overruled and dismissed by concurring decisions of the Patent Office, hence this appeal.

The two words in question are purely arbitrary and devoid of definition. The name "Dysco" is composed of the initial letters of appellant's name, to wit Davies-Young Soap Co., arranged in order, with the abbreviation "Co.," used as a final syllable, thereby forming the word "Dysco." The name "Selco" is somewhat similarly formed, being composed of the first syllable of the company name "Selig," together with the abbreviation "Co.," as a final syllable, thereby producing the name "Selco."

The opposition of appellant was dismissed by the Examiner of Interferences, and the applicant was adjudged to be entitled to the registration applied for. This decision was affirmed by the Commissioner of Patents.

We do not find it necessary to review or discuss the various cases which have been cited by counsel, but content ourselves with saying that in our opinion the words "Dysco" and "Selco" are not so similar either in appearance or pronunciation, as to make confusion in the trade probable.

The decision of the Commissioner of Patents is therefore affirmed.

Court of Appeals of the District of Columbia.

IN RE PARKS.

No. 1,860. Decided December 6, 1926.

REISSUE WITH BROADENED APPARATUS CLAIMS OF PATENT GRANTED ON PARENT APPLICATION DURING PENDENCY OF DIVISIONAL APPLICATION AND WITH BROAD PROCESS CLAIMS—DELAY.

Where appellant complied with a requirement for division between apparatus and process claims by filing a divisional application containing only process claims, which divisional application eventuated in a patent after the issue of a patent on the parent application, the latter patent containing only apparatus claims, *Held* that appellant was not entitled, in an application for reissue of the first or apparatus patent, filed almost three and one-half years after such patent was granted, to broaden the apparatus claims merely because his divisional application was copending with the parent application, such divisional application containing process claims as broad as the apparatus claims sought by the reissue.

APPEAL from Patent Office. Affirmed.

Mr. George W. Saywell for Parks.

Mr. T. A. Hostetler for the Commissioner of Patents.

Before MARTIN, Chief Justice, VAN ORSDEL, Justice, and HATFIELD, Judge U. S. Court of Customs Appeals.

VAN ORSDEL, *J.:*

This appeal is from the decision of the Commissioner of Patents rejecting appellant's reissue application, for claims relating to means for automatically manufacturing envelopes.

It is unnecessary to consider the claims since the case turns solely upon the question of whether or not appellant's reissue application was filed in time. The case is concisely stated by the Examiner as follows:

> The first official action upon the application from which the original patent [No. 1,316,737, Sept. 23, 1919] was granted was a requirement of division between the machine and process claims. This resulted in a divisional process application which matured into Patent No. 1,459,415. The present reissue application was filed during the pendency of said process application. The applicant contends that by reason of the process application he has been continuously in possession of rights which would prevent the accruing of any public rights operating to vitiate his reissue application.

Appellant is now seeking to broaden his claims and relies upon his right to do so, notwithstanding the lapse of almost three and one-half years since the original patent was granted. We are not impressed with his contention that public rights would not accrue because of his continuous possession of the claims in his original process application. Apparatus and method applications are separate and distinct, and relate to different classes of invention. Appellant is not entitled in his reissue application to broaden his claims merely because his process application was copending with the application on which the original patent was issued, containing claims as broad as those now sought by the reissue. His contention that under those circumstances the public could not obtain intervening rights, and, therefore, not be injured by the granting of this reissue application, is not in our opinion well founded.

We agree with the Examiners in Chief that—

> an apparatus and a process are distinct classes of invention and afford a somewhat different protection. The applicant has been granted his process patent and is entitled to such protection as it affords, and he would not be before the Office at this time with an application for a reissue of his apparatus patent, if he did not expect to obtain additional protection thereby. He is, therefore, seeking to restrict the rights of the public as to matter which was not claimed in his original patent, and it is no answer to this position that this application was filed while the present application was still pending.

The applicant seeks to excuse his delay in not filing the reissue application within the two-year period because of change of attorneys, financial difficulties in business ventures, and lack of time. This excuse was held inadequate by the tribunals of the Patent Office, and in this we concur.

The decision of the Commissioner of Patents is affirmed.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

798,406. (See 818,968.)

818,968, 798,406, E. E. Johnson, Railway water column, appeal filed May 17, 1926, C. C. A. (7th Cir.), Doc. 3776–3782, *Fairbanks, Morse & Co. et al.* v. *American Valve & Meter Co. et al.* Rehearing granted Jan. 20, 1927.

893,168, I. Hewitt, Cement-spreading machine; 1,282,043, E. G. Carr, Template for concrete tampers; 1,444,108, same, Road machine; 1,388,690, 1,390,479, R. D. Baker, Paving apparatus, appeal filed Aug. 20, 1926, C. C. A. (7th Cir.), Doc. 3807, *The Lakewood Engineering Co.* v. *A. W. French & Co.* Decree affirmed Feb. 3, 1927.

1,018,502, Just & Hanaman, Incandescent body for electric lamps; 1,180,159, I. Langmuir, Incandescent electric lamp, suit filed Feb. 3, 1927, D. C., N. D. Ohio (W. Div.), Doc. E 724, *General Electric Co.* v. *J. J. Steinharter et al.*

1,026,721, H. Thomas, Meat holder, appeals filed Apr. 14, 1926, C. C. A. (7th Cir.), Doc. 3755–3756, *The A. J. Deer Co., Inc.*, v. *U. S. Slicing Machine Co.* Rehearing granted Jan. 20, 1927.

1,090,776, H. H. Boyce, Indicating system and apparatus for internal-combustion engine, appeal filed Sept. 17, 1926, C. C. A. (7th Cir.), Doc. 3794, *Semaphoric Indicator Co. et al.* v. *H. H. Boyce et al.* Rehearing granted Jan. 20, 1927.

1,111,890. (See 1,548,368.)

1,127,733, V. Clairemont, Preserving eggs; 1,224,710, 1,369,323, same, Apparatus for treating eggs; 1,370,628, same, Process of and apparatus for preserving eggs; 1,599,553, same, Grading and candling machine, suit filed Jan. 19, 1927, D. C. Wash. (N. Div.), *Clairemont Sterilized Egg Co.* v. *A. C. Fry Co., Inc.* Order of dismissal Feb. 4, 1927.

1,177,774, F. H. Houghland, Folding box, suit filed Feb. 4, 1927, D. C., S. D. N. Y., Doc. E 40/205, *C. A. Fox Box Co., Inc.*, v. *National Fibre Box Co., Inc.*

1,180,159. (See 1,018,502.)

1,186,856. (See 1,373,442.)

1,191,495, G. Claude, Method for separating neon from gases with which it is mixed, suit filed Oct. 13, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–110–M, *Electrical Products Corp.* v. *Neale, Inc., et al.* (*California Electric Sign Co.*).

1,203,151. (See 1,373,442.)

1,207,711, R. W. Clark, Changeable signboard, suit filed Mar. 18, 1926, D. C., N. D. Ill. (E. Div.), Doc. 3740, *R. W. Clark Mfg. Co.* v. *Tablet & Ticket Co.* Petition for rehearing granted Jan. 18, 1927.

1,215,425. (See 1,373,442.)

1,224,710. (See 1,127,733.)

1,233,107, R. M. Myers, Road-building machine; 1,401,149, H. C. Foster, Combined spreader and roller; 1,470,157, J. L. Fike, Stone spreader, suit filed Nov. 4, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–121–H, *The Burch Plow Work Co.* v. *G. W. French et al.*

1,282,043. (See 893,168.)

1,292,023, Nilson & Nilson, Wheel, suit filed Nov. 30, 1926, D. C. Minn. (St. Paul), Doc. 865, *Leonard Nilson et al.* v. *Ford Motor Co.*

1,296,439. (See 1,373,442.)

1,300,890. (See 1,373,442.)

1,332,312. (See 1,373,442.)

1,356,505. (See 1,373,442.)

1,359,879, 1,457,351, 1,474,412, L. L. Dollinger, Air filter, suit filed Nov. 13, 1926, D. C., S. D. Calif. (Los Angeles), Doc. L–1–M, *Staynew Filter Corp.* v. *E. F. Annis.*

1,368,224. (See 1,373,442.)

1,369,323. (See 1,127,733.)

1,370,628. (See 1,127,733.)

1,371,662, C. W. Bedford, Art of vulcanizing caoutchouc; 1,477,805, same, Accelerator for the vulcanization of caoutchouc substances, suit filed Feb. 9, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2126,

The Goodyear Tire & Rubber Co. v. *Rubber Service Laboratories Co., Inc.*

1,372,354, C. R. Keeran, Pencil, suit filed Feb. 9, 1927, D. C. R. I., Doc. 265, *Parker Pen Co.* v. *Rex Mfg. Co.*

1,373,442, 1,368,224, E. Meitner, Range indicator; 1,509,248, same, Self-setting transmission system; 1,300,890, E. A. Sperry, Navigational instrument; 1,356,505, same, System of gun-fire control; 1,468,330, same, Synchronous transmission system; 1,296,439, same, Multiple-turret target indicator; 1,203,151, same, Periscope azimuth indicator; 1,215,425, same, Plotting indicator; 1,186,856, same, Gyroscopic apparatus; 1,483,489, Sperry & Meitner, Signaling system for warships; 1,332,312, H. L. Tanner, Electrical position indicator; 1,507,653, M. L. Zobel, Compass relay transmitters, suit filed Feb. 4, 1927, C. of Claims, D. C., Doc. H-38, *The Sperry Gyroscope Co.* v. *United States.*

1,388,690. (See 893,168.)

1,390,479. (See 893,168.)

1,401,149. (See 1,233,107.)

1,431,907, S. S. Cramer, Pneumatic power generator, appeal filed Mar. 22, 1926, C. C. A. (7th Cir.), Doc. 3743, *S. S. Cramer et al.* v. *Motor Player Corp.* Rehearing granted Jan. 20, 1927.

1,444,108. (See 893,168.)

1,457,351. (See 1,359,879.)

1,468,330. (See 1,373,442.)

1,468,595, W. Ferris, Broaching machine, suit filed Feb. 10, 1927, D. C. Conn., Doc. 1888, *The Oilgear Co.* v. *The J. N. Lapointe Co.*

1,470,157. (See 1,233,107.)

1,474,412. (See 1,359,879.)

1,477,805. (See 1,371,662.)

1,483,489. (See 1,373,442.)

1,502,326. (See 1,548,368.)

1,507,653. (See 1,373,442.)

1,509,248. (See 1,373,442.)

1,538,303, C. R. Short, Transmission belt, suit filed Feb. 9, 1927, D. C., S. D. Ohio (E. Div.), Doc. 508, *The Dayton Rubber Mfg. Co.* v. *The Dorman Automotive Parts Co.*

1,548,368, J. G. Maclaren, Receiving terminal for pneumatic-dispatch tubes; 1,502,326, J. A. Bauer, Carrier-dispatch system; 1,111,890, E. A. Fordyce, Pneumatic-dispatch-tube apparatus, suit filed Dec. 2, 1926, D. C. Minn. (St. Paul), Doc. 866, *The Lamson Co.* v. *Standard Conveyor Co.*

1,599,553. (See 1,127,733.)

1,600,723, C. H. Egelhoff, Process of forming an artistic paint finish, suit filed Feb. 3, 1927, D. C., S. D. Ohio (E. Div.), Doc. 502, *C. H. Egelhoff* v. *W. Lent.*

Re. 15,615, E. G. Carr, Subgrade scraper, appeal filed Nov. 9, 1925, C. C. A. (7th Cir.), Doc. 3677, *The Hug Co. et al.* v. *The Lakewood Engineering Co. et al.* Rehearing granted Jan. 20, 1927.

Des. 61,189, E. A. Davis, Lace, suit filed Apr. 12, 1923, D. C., S. D. N. Y., Doc. E 26/242, *Blanck & Co., Inc.*, v. *I. L. Schall.* Patent sustained and injunction granted.

ADJUDICATED PATENTS.

(D. C. Mass.) The Woodley patent, No. 1,156,122, for fibrous composition and process of manufacture, *Held* not infringed. *Richardson Co.* v. *Hood Rubber Co.*, 16 F. (2d) 785.

(D. C. N. Y. and C. C. A. N. Y.) The Tizley patent, No. 1,181,046, for electric-light switch, claims 1, 2, and 11 *Held* invalid. *Bryant Electric Co.* v. *Reno Sales Co.*, 16 F. (2d) 789 and 797.

(C. C. A. Mass.) The Lea patent, No. 1,329,303, for frame for weaving Axminster carpets, *Held* invalid. *Shawmut Engineering Co.* v. *Crompton & Knowles Loom Works*, 16 F. (2d) 685.

(C. C. A. Mass.) The Hathaway patent, No. 1,469,185, for improvement in weaving frames, claims 3 and 4 *Held* not infringed. *Shawmut Engineering Co.* v. *Crompton & Knowles Loom Works*, 16 F. (2d) 685.

(C. C. A. N. J.) The Stedman patent, No. 1,482,952, for reenforced rubber flooring and process of manufacture, *Held* invalid. *Stedman* v. *Puritan Rubber Mfg. Co.*, 16 F. (2d) 742.

(C. C. A. Minn.) The Rousso patent, No. 42,398, design for towel cabinet, *Held* valid and infringed. *Boyle* v. *Rousso*, 16 F. (2d) 666.

Interference Notice.

U. S. PATENT OFFICE, *Washington, Feb. 23, 1927.*

Beyer Bros. Commission Co., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Corbin & Wiesmer, 17 Ferry Street, Binghamton, N. Y., for registration of a trade-mark and trade-mark registered February 6, 1917, No. 115,285, to Beyer Bros. Commission Co., 182 Duane Street, New York, N. Y., and a notice of such declaration sent by registered mail to said Beyer Bros. Commission Co. at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Beyer Bros. Commission Co., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Notice of Cancellation.

U. S. PATENT OFFICE, *Washington, Mar. 7, 1927.*

Charles Hedden Incorporated, its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Alfred Wright, Perfumer, Inc., of No. 113 West Eighteenth Street, New York, N. Y., to effect the cancellation of the trade-mark registration of Charles Hedden Incorporated, of 16 East Thirty-Third Street, New York, N. Y., No. 88,875, dated October 29, 1912, and the notice of such proceeding sent by registered mail to the said Charles Hedden Incorporated at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Charles Hedden Incorporated, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 22, 1927.

[VOL. 356. No. 4.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 192,624. (CLASS 38. PRINTS AND PUBLICATIONS.) KAUFMANN & BAER COMPANY, Pittsburgh, Pa. Filed Feb. 21, 1924.

THE SUNSHINE GIRL

Particular description of goods.—Nom de Plume for Newspaper Columns Including Stories, Radio Stories, Poems, Cartoons, Songs, Programs, Radio Programs, Photographs, Portraits, and Limericks.

Claims use since Feb. 19, 1923.

Ser. No. 202,019. (CLASS 39. CLOTHING.) C. W. KLEMM INCORPORATED, Bloomington, Ill. Filed Aug. 29, 1924.

JUMBO KLEMM'S JAKE BEST PANTS

No claim is made to the words "Klemm's Best" appearing in the drawing apart from the mark as shown.

Particular description of goods.—Overalls, Jackets, Pants, and Work Shirts.

Claims use since Aug. 1, 1924.

Ser. No. 203,979. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHOTWELL MFG. CO., Chicago, Ill. Filed Oct. 16, 1924.

HANDY ANDY

Particular description of goods.—Candy Bar.

Claims use since Sept. 26, 1921.

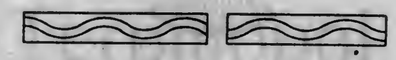
Ser. No. 206,616. (CLASS 32. FURNITURE AND UPHOLSTERY.) MICHAEL GOLDBERG, doing business as Afactor With You Furniture Co., Philadelphia, Pa. Filed Dec. 12, 1924.

AFACTOR WITH YOU

Particular description of goods.—China Closets, Buffets, Serving Tables, Extension Tables, Side Chairs, Armchairs, Beds, Vanities, Dressers, Semivanities, Chifforobes, Chiffonettes, Chest of Drawers, Household Benches, Lockers, Night Tables, Clothes Trees, Bed Springs, Mattresses, Pillows, Metal Beds, Cribs, Cots, Sliding Couches, Day Beds, Strollers, Windsor Chairs, Formal Chairs, Boudoir Chairs, Cogswell Chairs, Sewing Cabinets, Console Tables, Occasional Tables, End Tables, Nest of Tables, Tilt Tables, Davenport Tables, Gate-Leg Tables, Telephone Sets, Smoking Stands, Cedar Chests, Desks, Bookcases, Children's Reed Rockers, Hatracks, High Chairs, Children's Reed Suits, Cabarettes, Radiocabinets (Exclusive of Sets), Radiotables, Davenport Suits, Three Piece (Leather), Davenport Suits Three Piece (Velour), Davenport Suits Three Piece (Mohair), Three-Piece Living-Room Suits (Velour), Three-Piece Living-Room Suits (Tapestry), Three-Piece Living-Room Suits (Mohair), Couches, Tea Wagons, Mirrors, Welsh Cupboards, Kitchen Cabinets, Three-piece Reed Suits, Reed Tables, Reed Ferneries, Porch Rockers.

Claims use since Dec. 2, 1924.

Ser. No. 219,913. (CLASS 21. ELECTRIC APPARATUS, MACHINES, AND SUPPLIES.) GEO. D. ROPER CORPORATION, Rockford, Ill. Filed Sept. 5, 1925.



The mark consists of a wavy line, strip, or band.

Particular description of goods.—Electric Stoves, Plates, and Ranges.

Claims use since Nov. 3, 1921.

Ser. No. 220,991. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE BRADEN COMPANY, Tulsa, Okla. Filed Sept. 30, 1925.

THE R-B WINCH

The words "The" and "Winch" and the representation of the articles are hereby disclaimed apart from the mark as shown.

Particular description of goods.—Winches and Parts Thereof Adapted to be Used in Connection with Motor-Driven Vehicles for Taking Power Therefrom.

Claims use since on or about Jan. 10, 1925.

Ser. No. 221,123. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LOUISVILLE MILLING COMPANY, Minneapolis, Minn. Filed Oct. 2, 1925.

WHITE HEATH

Particular description of goods.—Wheat Flour.

Claims use since Aug. 25, 1925.

Ser. No. 223,285. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CONTINENTAL DRUG CORPORATION, St. Louis, Mo. Filed Nov. 14, 1925.

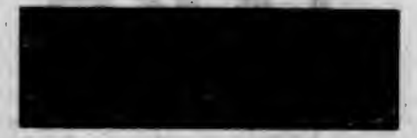
Hi-Test

The use of the word "Hi-Test" apart from the mark shown is disclaimed.

Particular description of goods.—Beef, Iron, and Wine; Lime Water, Milk of Magnesia, Mineral Oil, Blood Purifier, Stronger Ammonia, Reconstructive Tonic, Cresol-Solution Compound, Antiseptic Solution, Cod-Liver Oil, Toothache Drops, Tincture of Green Soap, Corn Solvent, Camphorated Oil, Larkspur Lotion, Liquid Antiseptic, Cascara, Glycerin and Bay Rum, Goose Oil, Penetrating Liniment, Fig Sirup, Catarrh Jelly, Laxative Cold Tablets, Kidney and Bladder Pills, Toothache Wax, Sore-Throat Remedy, Saltpeter, Copperas, Oil Citronella, Castoria, Eyewater, Willow Charcoal, Flake White, Insect Powder, Camomile Flowers, Henna Leaves (Egyptian Whole), Henna Leaves (Powdered), Horehound (Herb), Dry Water Glass (Powdered Silicate of Soda), Sodium Fluoride (Commercial), Liver Salts, Meat Smoke, Magnolia Skin Lotion, White Hellebore, Soda Bicarbonate, Effervescent Magnesium Sulphate, Formaldehyde, Sulphur, Liniment, Toilet Ammonia, Bay Rum, Sulphur Candle, Soap Bark, Ecru (Yellow Ocher), Spanish Whiting, Turmeric, Tannic Acid, Orris Root, Chalk Prepared (Pink), Chalk Prepared (White), Soluble Blue, Sassafras Bark, Elm Bark, Cinnamon Bark (Whole Ceylon), Sugar of Milk, Bath Salt, Zinc Stearate, Hempseed, Talcum Powder, Roach and Water-Bug Killer, Flaxseed Meal, Flaxseed, Senna Leaves, Moth Balls, Potassium Chlorate (Granular), Sugar of Lead, Boracic Acid (Crystals Boric Acid U. S. P.), Boracic Acid (Boric-Acid Powder U. S. P.), Lump Alum (Ammonia Alum), Alum Powder (U. S. P. Ammonia Alum), Blue Vitriol, Borax, Compound Licorice Powder, Permanganate Potash, Epsom Salt, Benzoic Acid, Oxalic Acid, Calomel, Cream Tartar, Quinine Sulphate, Sodium Phosphate, Salicylic Acid, Mustard Seed, Rochelle Salts, Plaster Mustard, Fumigator (The Vesuvian Fumigator), Extract Witch-Hazel, Carbolic Acid, Castor Oil (Aromatic), Aromatic Spirits Ammonia, Coconut Oil, Tincture Chloride of Iron, Sweet Spirits Niter, Essence Peppermint, Spirits Camphor, Paregoric, Glycerin and Rose Water, Blue Ointment, Glycerin, Peroxide of Hydrogen, Petrolatum, Fish Oil, Tincture Arnica, Chloroform Liniment, Chloroform, Essence Jamaica Ginger, Hinkle's Tablets (Cascara Compound), Castor Oil (Cold Pressed), Sirup White Pine, Zinc-Oxide Ointment, and Tincture Iodine.

Claims use since about July, 1925.

Ser. No. 225,341. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE BASSICK MANUFACTURING COMPANY, Chicago, Ill. Filed Dec. 31, 1925.



The drawing is lined to indicate the colors blue, red, and yellow.

Particular description of goods.—Filters for Filtering Fuel for Use in Internal-Combustion Engines and Usually Located Between the Fuel-Supply Tank and the Carburetor.

Claims use since Sept. 15, 1923.

Ser. No. 226,339. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) DETROIT AEROFLEX STABILIZER COMPANY, Detroit, Mich. Filed Jan. 25, 1926.

AEROFLEX STABILIZERS

No claim is made to the word "Stabilizers" apart from the mark as shown.

Particular description of goods.—Air-Cushion Devices for Moderating the Load-Supporting Spring Action of Motor Vehicles.

Claims use since Dec. 9, 1925.

Ser. No. 226,761. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CAMFIELD RADIO MANUFACTURING COMPANY, Oakland, Calif. Filed Feb. 2, 1926.

DUOFORMER

Particular description of goods.—Coils for Radio Apparatus.

Claims use since August, 1925.

Ser. No. 227,057. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES A. CARICARI, doing business as The Phoenix Candy Company, New York, N. Y. Filed Feb. 9, 1926.



Applicant disclaims the use of the words "Old Fashioned Taffy" apart from the mark shown.

Particular description of goods.—Candy.

Claims use since January, 1921.

Ser. No. 227,507. (CLASS 38. PRINTS AND PUBLICATIONS.) THE BUZZA COMPANY, Minneapolis, Minn. Filed Feb. 19, 1926.



No claim is made to the exclusive use of the word "Process" apart from the mark shown in the drawing.

Particular description of goods.—Wall Calendars and Printed Calendars.

Claims use since Feb. 1, 1926.

Ser. No. 227,746. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JILL BROTHERS, Weslaco, Tex. Filed Feb. 24, 1926.

PANCHITA

Particular description of goods.—Fresh Vegetables.

Claims use since Nov. 1, 1925.

Ser. No. 228,100. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FLORIO & C. SOCIETÀ ANONIMA VINICOLA ITALIANA, Torino, Italy. Filed Mar. 4, 1926. Under section 5b of the act of 1905 as amended in 1920.

FLORIO



MARSALA TONIC

Florio & C.

SOCIETÀ ANONIMA VINICOLA ITALIANA
MARSALA - ITALY

Particular description of goods.—Tonic for General Debility.

Claims use since 1924.

Ser. No. 228,175. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHEMISCHE FABRIK STOCKHAUSEN & CIE., Krefeld, Germany. Filed Mar. 5, 1926.

TAKO

Particular description of goods.—Glycerin, Bleaching Composition, Sizing and Finishing Materials for Paper and Textile Fabrics, and Starch Preparations for Sizing and Similar Purposes.

Claims use since Dec. 29, 1921.

Ser. No. 228,176. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHEMISCHE FABRIK STOCKHAUSEN & CIE., Krefeld, Germany. Filed Mar. 5, 1926.

Terpinopol

Particular description of goods.—Bleaching Compositions and Compositions for Removing Stains, and Cleaning, Used in the Manufacture of Fabrics and Other Textile Materials.

Claims use since May 5, 1907.

Ser. No. 228,177. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHEMISCHE FABRIK STOCKHAUSEN & CIE, Krefeld, Germany. Filed Mar. 5, 1926.

Tetralix

Particular description of goods.—Bleaching Compositions and Compositions for Removing Stains, and Cleaning, Used in the Manufacture of Fabrics and Other Textile Materials.
Claims use since Feb. 20, 1911.

Ser. No. 228,645. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CHICAGO FUSE MFG. CO., Chicago, Ill. Filed Mar. 15, 1926.

GEM Locktite

No claim is made to the word "Locktite" except in connection with the other features of the mark shown.
Particular description of goods.—Outlet Boxes, Switch Boxes, Hangers, Mounting Bars, and Lath Supports.
Claims use since Feb. 15, 1926.

Ser. No. 229,135. (CLASS 32. FURNITURE AND UPHOLSTERY.) UNITED MANUFACTURING COMPANY, Portland, Oreg. Filed Mar. 24, 1926.

SUPERBILT

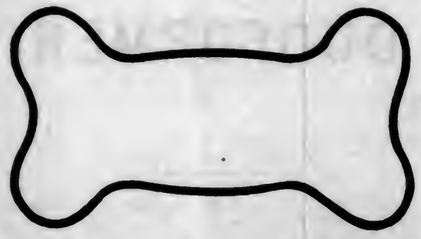
Particular description of goods.—Overstuffed Furniture for Household Use, Breakfast Tables, Mattresses, and Bed Springs.
Claims use since Dec. 1, 1925.

Ser. No. 229,479. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) JAMES B. UTT, doing business as Utt-Williams Electrical Products Company, Santa Ana, Calif. Filed Mar. 31, 1926.

AEROLOOP

Particular description of goods.—Radio Receiving Sets.
Claims use since June 1, 1925.

Ser. No. 229,613. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) F. H. BENNETT BISCUIT COMPANY, New York, N. Y. Filed Apr. 3, 1926.



The mark consists of a design representing an outline of a bone.
Particular description of goods.—Animal Biscuits.
Claims use since Sept. 2, 1908.

Ser. No. 230,406. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) OHIO MALT PRODUCTS COMPANY, Toledo, Ohio. Filed Apr. 19, 1926.



The trade-mark is lined for red and blue.
Particular description of goods.—Malt Extracts, Beverages, and Sirups.
Claims use since Apr. 15, 1926.

Ser. No. 230,811. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) S. ALLCOCK & COMPANY, LIMITED, Redditch, England. Filed Apr. 28, 1926.



KLAMATH

All rights in the word "Klamath" apart from other features of the mark are hereby disclaimed.
Particular description of goods.—Artificial Flies, Gut Hooks, and Gut Lines (Made in England).
Claims use since Oct. 1, 1923.

Ser. No. 230,812. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) S. ALLCOCK & COMPANY, LIMITED, Redditch, England. Filed Apr. 28, 1926.



Holdwell

All rights in the word "Holdwell" apart from the other features of the mark are disclaimed.
Particular description of goods.—Casting Fishing Lines Made of Spanish Gut.
Claims use since Oct. 1, 1920.

Ser. No. 230,813. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) S. ALLCOCK & COMPANY, LIMITED, Redditch, England. Filed Apr. 28, 1926.



Marvel

Particular description of goods.—Gut Casting Fishing Lines (Made in England).
Claims use since Oct. 1, 1920.

Ser. No. 231,169. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) SOUTHWESTERN PRODUCTS COMPANY, Paris, Tenn. Filed May 5, 1926.

NU-GLOS

Particular description of goods.—Treated Dust Cloth Used on Autos, Furniture, or Painted or Enameled Surfaces.
Claims use since Mar. 1, 1920.

Ser. No. 231,420. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) VICTOR ADDING MACHINE CO., Chicago, Ill. Filed May 10, 1926.

SPORTABOUT

Particular description of goods.—Motor Boats.
Claims use since May, 1925.

Ser. No. 231,886. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WAYNE CREAMERY, Detroit, Mich. Filed May 19, 1926.



No claim is made to the representation of a cow, the words "Pure," "Milk," "Better," and "Health" appearing in the drawing.
Particular description of goods.—Pasteurized and Fresh Milk.
Claims use since July, 1925.

Ser. No. 231,999. (CLASS 33. GLASSWARE.) GRAHAM & ZENGER, INC., New York, N. Y. Filed May 21, 1926.



PINE TREE

The lining on the drawing indicates shading only.
Particular description of goods.—Glassware.
Claims use since Mar. 1, 1926.

Ser. No. 232,029. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MONROE MILLING COMPANY, Waterloo, Ill. Filed May 21, 1926.

FAD

Particular description of goods.—Wheat Flour.
Claims use since April, 1924.

Ser. No. 232,260. (CLASS 15. OILS AND GREASES.) DE BATAAFSCHE PETROLEUM MAATSCHAPPIJ, The Hague, Netherlands. Filed May 26, 1926.

BIMUTINE

Particular description of goods.—Fuel Oils.
Claims use since Jan. 9, 1926.

Ser. No. 232,308. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN CHICLE COMPANY, Long Island City, N. Y. Filed May 27, 1926.

CHICCOS

Particular description of goods.—Chewing Gum.
Claims use since May 5, 1926.

Ser. No. 232,384. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BITTMANN-TODD GROCER COMPANY, Kansas City, Kans. Filed May 28, 1926.

Orchid

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Berries, Canned Mushrooms, Cheese, Preserved Figs; Canned Meats—Namely, Potted and Deviled Meats, Vienna Sausage, Sliced Beef, Corn Beef, Roast Beef, and Chile Con Carne; Canned Oysters, Catchup, Shredded Coconut, Coffee, Dried Fruits, Flavoring Extracts for Food Purposes, Oatmeal, Breakfast Cereals, Corn Flakes, Apple Butter, Fruit and Berry Preserves, Jellies, Crushed Fruits, Horse-Radish, Honey, Evaporated Unsweetened Canned Milk, Vegetable Relishes, Pepper Sauce, Cornstarch, Table Sirup, Maple-Blend Sirup, Corn Sirup, Prepared Mustard, Peanut Butter, Olives, Pickles, Rice, Salad Dressings, Spices, Tea, Vinegar, Maraschino Cherries, and Mincemeat.
Claims use since 1906.

Ser. No. 232,774. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HYLTON FLOUR MILLS, INC., Ogden, Utah. Filed June 5, 1926.



All wording is disclaimed apart from the mark as shown on the drawing.
Particular description of goods.—Wheat Flour.
Claims use since January, 1922.

Ser. No. 233,003. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE HI-BRED CORN COMPANY, Des Moines, Iowa. Filed June 10, 1926.



The representation of the ear of corn in the drawing is disclaimed.
Particular description of goods.—Seed Corn.
Claims use since Jnn. 1, 1926.

Ser. No. 233,111. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) COLUMBUS MANUFACTURING COMPANY, Columbus, Ga. Filed June 12, 1926.

NINA



Particular description of goods.—Cotton Sheetings.
Claims use since Feb. 5, 1926.

Ser. No. 233,112. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) COLUMBUS MANUFACTURING COMPANY, Columbus, Ga. Filed June 12, 1926.

PINTA



Particular description of goods.—Cotton Sheetings.
Claims use since Feb. 5, 1926.

Ser. No. 233,216. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) MILLERS FALLS COMPANY, Millers Falls, Mass., and New York, N. Y. Filed June 14, 1926.



No claim is made to the representation of the level as shown on the drawing. The drawing is lined to indicate the color red.
Particular description of goods.—Levels.
Claims use since June 10, 1926.

Ser. No. 233,349. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. W. ASHER CO., El Centro, Calif. Filed June 17, 1926.

CAMELS



Particular description of goods.—Fresh Cantaloupes, Fresh Melons, and Fresh Lettuce.
Claims use since Apr. 1, 1926.

Ser. No. 233,731. (CLASS 39. CLOTHING.) DAVID J. GROSS, New York, N. Y. Filed June 25, 1926.



The representation of the girl is a fanciful picture.
Particular description of goods.—Middies, Middy Blouses, Smocks, and Children's Dresses.
Claims use since July 16, 1920.

Ser. No. 233,824. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARTIN HOKANSON, Duluth, Minn. Filed June 28, 1926.

VIKING

Particular description of goods.—Edible Crackers.
Claims use since June 23, 1926.

Ser. No. 234,068. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN G. WOODWARD & CO. (INC.), Council Bluffs, Iowa. Filed July 2, 1926.

Lixies



Particular description of goods.—Candy.
Claims use since June 23, 1926.

Ser. No. 234,204. (CLASS 32. FURNITURE AND UPHOLSTERY.) FINCH AND HISEY, Wayne, Mich. Filed July 6, 1926.

Diner-ette

Particular description of goods.—Household Tables.
Claims use since Dec. 1, 1924.

Ser. No. 235,697. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) W. D. HOUGHTON & COMPANY LIMITED, Warrington, England. Filed Aug. 7, 1926.



Particular description of goods.—Steel Wire Known as Music Wire, Needle Wire, Rope Wire, and Round Steel Wire.
Claims use since on or about June 7, 1876.

Ser. No. 235,769. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) MAX ABELMAN, doing business as M. Abelman Co., Boston, Mass. Filed Aug. 10, 1926.

MACO

Particular description of goods.—Dry, Paste, or Ready-Mixed Paints, Colors in Oil, Varnishes, and Prepared Shellacs.
Claims use since Oct. 1, 1925.

Ser. No. 235,999. (CLASS 2. RECEPTACLES.) THE CASEY-FOSTER CO., Boston, Mass. Filed Aug. 16, 1926.



No claim is made to the lining, which indicates red color, in the drawing. The word "Products" appearing upon the star is not a part of the mark.

Particular description of goods.—Garbage Receivers, Ash Cans, Cake and Bread Boxes, Knife and Fork Boxes, Tea and Coffee Canisters, Filing Boxes, Safe-Deposit Boxes, Medicine Chests, and Workboxes.

Claims use since Aug. 11, 1926.

Ser. No. 236,215. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) LILY FOUNDRY COMPANY, Los Angeles, Calif. Filed Aug. 20, 1926.



The representation of a lavatory is disclaimed apart from the mark as shown.

Particular description of goods.—Plumbers' and Steam-Fitters' Supplies—Namely Bowls, Basins, Tubs, Baby Baths, Sinks, Toilet Bowls, Lavatories, and Tanks.

Claims use since Mar. 1, 1926.

Ser. No. 236,232. (CLASS 39. CLOTHING.) STEINFELD BROS. INC., New York, N. Y. Filed Aug. 20, 1926.

"Tailorcraft"

Particular description of goods.—Ladies' Wearing Apparel Comprising Petticoats, Pantalets, Bloomers, Slips, and Step-Ins Made of Silk, Cotton, Textile Fabrics, or Combinations Thereof.

Claims use since Jan. 1, 1924.

Ser. No. 236,242. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MADELEINE VIONNET ET CIE, Paris, France. Filed Aug. 20, 1926.



No claim is made to the exclusive use of the words "Madeleine Vionnet et Cie" apart from the mark as shown.

Particular description of goods.—Perfumes of All Kinds; Perfumed Talcum, Sachet, and Face Powder; Perfumed Paste, Stick, Powder, and Liquid Rouge; Perfumed Face and Massage Cream, Perfumed Hair Tonic and Lotions, Perfumed Bath Salts and Powders, and Perfumed Dentifrices in Paste, Powder, and Liquid Form.

Claims use since Jan. 24, 1923.

Ser. No. 236,899. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NERVODO AKTIENGESELLSCHAFT, Zurich, Switzerland. Filed Aug. 19, 1926.



No claim is made to the wording except "Nervodo" apart from the mark shown.

Particular description of goods.—Special Medical Remedy and Pharmaceutical Preparation Against All Kind of Nervous Disease.

Claims use since Aug. 27, 1925.

Ser. No. 237,400. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) ANCHOR CAP & CLOSURE CORPORATION, Long Island City, N. Y. Filed Sept. 18, 1926.



The lining shown on the drawing is for shading.

Particular description of goods.—Closure Caps.

Claims use since 1913.

Ser. No. 237,511. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) CLARKE D. PEASE, INC., New York, N. Y. Filed Sept. 21, 1926.



The letters "H. S." within a circle comprise the trademark.

Particular description of goods.—Automobiles, Automobile Chassis, and Constructive Parts Thereof, and Carrosseries.

Claims use since October, 1923.

Ser. No. 237,655. (CLASS 38. PRINTS AND PUBLICATIONS.) THE COMMERCIAL REPORTER, New York, N. Y. Filed Sept. 24, 1926.

The COMMERCIAL REPORTER

"The Commercial Reporter."

Particular description of goods.—Monthly Publication.

Claims use since Jan. 1, 1926.

Ser. No. 237,857. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE FRED. GRETSCH MFG. CO., Brooklyn, N. Y. Filed Sept. 28, 1926.



The Turkish writing meaning as follows: "Turkish Cymbal (cymbal) Dish-Shaped Musical Instrument of Brass, Used in Pairs to Produce a Sharp Ringing Sound by Clashing Them Together"; the signature of A. Zildjian & Company; "Established in 1603"; the French writing meaning "Founded in 1603, Beware of Imitations, Turkish Cymbal," the signature in script being the authentic signature of A. Zildjian & Co. in Armenian; no claim being made to the exclusive use of the words in Turkish meaning "Turkish Cymbal (Cymbal) Dish-Shaped Musical Instrument of Brass, Used in Pairs to Produce a Sharp Ringing Sound by Clashing Them Together, Paris, Londres, Trade Mark De Constantinople," and the representation of the cymbals, nor to the words and numeral "Founded in 1603," in both Turkish and French, and the words "Beware of the Imitations," in both English and French, apart from the mark as shown in the drawing.

Particular description of goods.—Cymbals.

Claims use since Apr. 20, 1926.

Ser. No. 238,050. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CURTISS CANDY COMPANY, Chicago, Ill. Filed Oct. 2, 1926.

CURTISS
Sandwich

The word "Sandwich" does not form a part of the registration.

Particular description of goods.—Candy and Candy Bars.

Claims use since Feb. 1, 1926.

Ser. No. 238,305. (CLASS 2. RECEPTACLES.) CONTAINER CORPORATION OF AMERICA, Chicago, Ill. Filed Oct. 8, 1926.



Particular description of goods.—Fiber-Board and Corrugated-Board Boxes or Shipping Containers.
Claims use since Aug. 25, 1926.

Ser. No. 238,747. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SERVICE GROCER COMPANY, INC., Detroit, Mich. Filed Oct. 16, 1926.

USEMORE

Particular description of goods.—Canned Fruits and Vegetables, Canned Salmon, Coffee, Tea, Jams, Jellies; Preserves—Namely, Peach, Pear, Crab Apple, Cherry, Blueberry, Strawberry, Apricot, and Pineapple; Condiments—Namely, Catchup, Chili Sauce, Horse-Radish Sauce, Prepared Mustard; Olives, Pickles, Salad Dressing, and Flavoring Sauce Used in Cooking, Dried Fruits; Sirups—Namely, Corn and Mixed Cane and Corn Molasses; and Plain Wheat Flour.
Claims use since 1922.

Ser. No. 238,766. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) BENTZ ENGINEERING CORPORATION, Newark, N. J. Filed Oct. 18, 1926.

MULLIFIER

Particular description of goods.—Leather-Conditioning Cabinets.
Claims use since July, 1926.

Ser. No. 238,966. (CLASS 39. CLOTHING.) HALF SIZE DRESS CO., New York, N. Y. Filed Oct. 21, 1926.



Particular description of goods.—Gowns, Frocks, and Dresses.
Claims use since Oct. 7, 1926.

Ser. No. 239,100. (CLASS 45. BEVERAGES, NONALCOHOLIC.) GENERAL CITRUS CORPORATION, Los Angeles, Calif. Filed Oct. 28, 1926.

JULIUS

Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink.
Claims use since Sept. 1, 1926.

Ser. No. 239,115. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JUNIOR CANDY COMPANY, Milwaukee, Wis. Filed Oct. 23, 1926.



Particular description of goods.—Candy.
Claims use since Oct. 1, 1926.

Ser. No. 239,237. (CLASS 37. PAPER AND STATIONERY.) CONSTRUCTION SUPPLIES COMPANY OF AMERICA, New York, N. Y. Filed Oct. 26, 1926.

CONSUCO

Particular description of goods.—Paper and Stationery—Namely, Paper Towels and Toilet Paper.
Claims use since Jan. 1, 1926.

Ser. No. 239,241. (CLASS 39. CLOTHING.) DAVISON-PAXON-STOKES CO., Atlanta, Ga. Filed Oct. 26, 1926.



Particular description of goods.—Women's Silk Hosiery.
Claims use since Oct. 6, 1926.

Ser. No. 239,438. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) TON-TEX CORPORATION, Grand Rapids, Mich. Filed Oct. 29, 1926.



Particular description of goods.—Belting—Namely, a Composition Textile and Rubber Belting.
Claims use since Sept. 1, 1926.

Ser. No. 239,449. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WHITE GRAIN COMPANY, Duluth, Minn. Filed Oct. 29, 1926.



The shade lines on the drawing indicate the colors orange and green.
Particular description of goods.—Feeds (Scratch Feeds).
Claims use since about Sept. 1, 1926.

Ser. No. 239,679. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WM. SCHLUDERBERG-T. J. KURDLE CO., Baltimore, Md. Filed Nov. 4, 1926.

BEAUTIES

Particular description of goods.—Packers' Products—Namely, Lards, Creamery Butter, Hams, Bacon, Shoulders, Sausage, Pork Roll, Dried Beef, Cheese, Lard Compounds Made from Cottonseed Oil and Other Oils.
Claims use since Jan. 1, 1920.

Ser. No. 239,807. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEE HESS, doing business as Halitosine Company, St. Louis, Mo. Filed Nov. 8, 1926.

HALITOSINE

Particular description of goods.—Antiseptic Preparations and Lotions for Use Externally and in the Mouth.
Claims use since Oct. 26, 1926.

Ser. No. 239,892. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ORCHESTRON COMPANY, Glendale, Calif. Filed Nov. 10, 1926.

Orchestron

Particular description of goods.—Radio Loud Speaker.
Claims use since May 12, 1926.

Ser. No. 239,918. (CLASS 33. GLASSWARE.) CAPSTAN GLASS COMPANY, Connellsville, Pa. Filed Nov. 11, 1926.



Particular description of goods.—Tumblers, Glasses, Glass Bottles, Glass Jars, Fancy Glass Vase Jars, and Glass Dishes.
Claims use since May, 1919.

Ser. No. 239,980. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE GLADIATOR CO., INC., New York, N. Y. Filed Nov. 12, 1926.

AGLOs



Particular description of goods.—Hair Preparation and Tonic to Nourish the Scalp, Relieve Dandruff, Itching Scalp, and Eczema, and Also a Hairdressing to Give the Hair a High Luster.
Claims use since Oct. 27, 1926.

Ser. No. 240,004. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) REIF BROTHERS, Buffalo, N. Y., assignor to Reif-Rexoil Inc., Buffalo, N. Y. Filed Nov. 12, 1926.

REXOIL

Particular description of goods.—Oil-Burning Apparatus.
Claims use since Oct. 28, 1926.

Ser. No. 240,414. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) HUGO HEUSCH & CIE. G. M. B. H., Aachen, Germany. Filed Nov. 22, 1926.

„Sphinx"

Particular description of goods.—Hand Sewing Needles; Pins Made of Steel, Brass, Iron, or Aluminum Wire with Heads of Similar Material or Heads of Glass; Safety Pins Made of Steel, Brass, Iron, or Aluminum Wire; Crochet Needles, Hand Knitting Needles; Hairpins Made of Steel, Brass, Iron, or Aluminum Wire with Heads of Similar Material or Heads of Glass; and Hatpins Made of Steel, Brass, Iron, or Aluminum Wire with Heads of Similar Material or Heads Made of Glass.
Claims use since Oct. 1, 1894.

Ser. No. 240,456. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) TUTTLE & BAILEY MANUFACTURING COMPANY, New York and Brooklyn, N. Y. Filed Nov. 22, 1926.

GRAMERCY

Particular description of goods.—Heating-System Devices in the Nature of Radiator Inclosures and Cabinets Serving to Deflect, Reflect, Control, and Distribute Heat.
Claims use since June 17, 1926.

Ser. No. 240,458. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) TUTTLE & BAILEY MANUFACTURING COMPANY, New York and Brooklyn, N. Y. Filed Nov. 22, 1926.

VILLA

Particular description of goods.—Heating-System Devices in the Nature of Radiator Inclosures and Cabinets Serving to Deflect, Reflect, Control, and Distribute Heat.
Claims use since June 17, 1926.

Ser. No. 240,462. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MANUEL S. VALLDEJULI, Buffalo, N. Y. Filed Nov. 22, 1926.



Particular description of goods.—A Laxative, Diuretic, and Eliminant.
Claims use since November, 1924.

Ser. No. 240,636. (CLASS 7. CORDAGE.) WHITLOCK CORDAGE COMPANY, New York, N. Y. Filed Nov. 26, 1926.



No claim is made to the representation of the rope apart from the mark shown. A multi-ply yarn, made up of several yarns twisted together, is arbitrarily used in contrast with the single-ply yarns forming the strand cover yarns in twisted rope structure in such manner that at each emergence of the multi-ply yarn to the exterior of the rope it produces the appearance of a longitudinal series of substantially diamond-shaped figures, as illustrated in the accompanying drawing, thereby distinguishing applicant's rope from the product of all other manufacturers.
Particular description of goods.—Rope.
Claims use since on or about Apr. 1, 1923.

Ser. No. 240,676. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARSHALL S. NEAL, doing business as Marshall Neal & Company, Pasadena, Calif. Filed Nov. 27, 1926.

Villa Rosa

Particular description of goods.—Stuffed Figs, Fig Chews Composed of Taffy, Strawberry Preserves, Strawberry Fig Preserves, Fig Chutney, Tomato Chutney, Mustard Pickle, Cucumber Pickle, Spiced Figs, Watermelon Pickle, Guava Jelly, Mint Jelly, Roselle Jelly, Apple Jelly, Grapé Jelly, Fruit Cake, Chocolate Leaves Consisting of Thin Cakes Composed of Almond Paste Coated with Chocolate, Crystallized Apple, Crystallized Pineapple, Crystallized Orange Peel, Crystallized Grapefruit Peel, Stuffed Dates, Stuffed Prunes.
Claims use since Oct. 15, 1926.

Ser. No. 240,701. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CORN PRODUCTS REFINING COMPANY, New York, N. Y. Filed Nov. 29, 1926.

LIBERTY



Particular description of goods.—Cornstarch.
Claims use since about Sept. 1, 1900.

Ser. No. 240,729. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MORROW-KIDDER MILLING COMPANY, Carthage, Mo. Filed Nov. 29, 1926.

Sea Foam

Particular description of goods.—Wheat Flour.
Claims use since 1880.

Ser. No. 240,747. (CLASS 15. OILS AND GREASES.) SMITH & NICHOLS, INCORPORATED, New York, N. Y. Filed Nov. 29, 1926.

VICTOR

Particular description of goods.—Candles.
Claims use since 1913.

Ser. No. 240,948. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BAKELITE CORPORATION, New York, N. Y. Filed Dec. 4, 1926.

BAKELITE

Particular description of goods.—Molding Compounds and Mixtures Adapted for the Manufacture of the Following Electrical Commodities or Parts Thereof and for

Such Electrical Commodities or Parts Made of Said Compounds and Mixtures: Electrically-Insulating Panels, Electrically-Insulating Washers and Bushings, Electrically-Insulating Rods and Sheets, Bus-Bar Supports, Signal-Device Insulation, Electrical Distributor Heads, Ignition Insulation, Ignition Timers, Dials for Radio and the Like; Knobs for Rheostats, Condensers, and the Like; Switch Bases, Handles of Electrically-Insulating Compositions, Switch Handles, Condenser End Plates, Junction Blocks; Generators (Insulated Parts), Electrically-Insulating Material for Parts of Potentiometers, Panels for Radio Sets, Electrically-Insulated Thumb Nuts and Knobs, Electrically-Insulating Face Plates, Electrically-Insulating Sockets, Junction-Box Insulators, Rotors, Connecters, Telephone and Radio Jacks, Commutators, Magneto Gears, Tubes for Coil Windings; Magneto Parts—Namely, Silent Resilient Gears and Combination Shaft Connecters and Insulators and Insulating Compositions for Such Parts; Telephone-Receiver Shells, Telephone Ear Caps, Wireless Boxes of Insulating Material, Insulators for Electromagnets of Annunciators, Insulators for Signal Devices; Electrically-Insulating Material for Electric Meter Covers and Bases, Tube Sockets, Variometers, Spools for Receiving Electrical Windings, Switchboards, Electric-Sign Insulation, Bobbin Heads for Electromagnetic Coils, Motor and Dynamo Brush Holders, Telephone Switch Members, Telephone Mouthpieces, Electrically-Insulating Parts for Water Heaters, Electrical Push Buttons, Mercury Wells, Fuse Blocks, Rheostat Bases, Third-Rail Insulation; Parts for Electric Curling, Soldering, and Flat Irons—Namely, Handles, Handle-Plugs and Electrically-Insulating Parts; Vacuum-Tube Bases, Lamp Sockets, Spark Intensifiers; Dental Parts—Namely, Insulators for Motor and Flexible-Shaft Drills, High-Tension Terminal Posts for X-Ray Tubes, and Handles and Toggles for Electrical Exploring Lights; Violet-Ray Generators (Insulated Parts), Electrical Condenser Cases, Spark-Plug Covers, Wiring Channels, Radio Ear Phones, Transformer Parts and Cases; Electric Piano Controls, Refillable Fuse Cases; Electric Elevator Parts—Namely, Dashpots Forming Part of the Electrical Control of the Elevator, Electric Control and Switchboard Insulators; Phonograph-Motor Insulation, Variocouplers, Heat-Regulator Insulation, Plugs and Receptacles for Multiplex Telegraphy Apparatus; Diaphragms for Use in Sound-Reproducing Instruments Such as Microphones, Telephones, and Loud Speakers; Electrical Cable Terminals, Electric-Vacuum-Cleaner Insulation, Panel Switches, Attachment Plugs, Grid Leaks, Plugs (Telephone), Jack Plug Boxes, Electric Drills, Lightning Arresters, Loud Speakers, Vernier Dials and Electrically-Insulating Material for Verniers; Bases of Electrically-Insulating Material for Radio Amplifying Units, Radio Antennæ Loops, Switch and Outlet Plates, Electrical Brushes, Electrical Cigar Lighters, Adapters Made of Electrically-Insulating Material for Radio Tube Sockets House Wiring and Power Wiring Insulators; Electric-Fan Blades, Insulating Shells and Blocks for Traffic-Control Signals, Housing Cones for X-Ray Tubes, and Electric Hair-Waving Machinery, and for Insulating Cement and Impregnating Compositions for Coil Cases.

Claims use in connection with insulating panels, insulating washers and bushings, and insulating rods and sheets since about 1909; in connection with bus-bar supports, signal device insulation, electrical distributor heads, ignition insulation, ignition timers, dials for radio and the like, knobs for rheostats, condensers, and the like, switch bases, handles of insulating composition, and switch handles since about 1910; in connection with condenser end plates, junction blocks, generators (insulated parts), potentiometers, panels for radio sets, insulated thumb nuts and knobs, face plates, insulating sockets, junction-box insulators, rotors, connecters, and telephone and radio jacks since about 1911; in connection with commutators, magneto gears, tubes for coil windings, magneto parts—namely, silent resilient gears and combination shaft connecters and insulators and insulating compositions for such parts—telephone-receiver shells, telephone ear caps, wireless boxes of insulating material, insulators for electromagnets of annunciators, and insulators for signal devices since about 1912; in connection with electrical meter covers and bases, tube sockets, variometers, spools for receiving electrical windings, switchboards, electric-sign insulation, bobbin heads, and motor and dynamo brush holders since about 1913; in connection with telephone switch members, telephone mouthpieces, electrical insulation for water heaters, electrical push buttons, and mercury wells since about 1914; in connection with fuse blocks, rheostat bases, third-rail insulation, and parts for electric curling, soldering, and flat irons—namely, handles, handle plugs and electrically-insulating parts—since about 1915; in connection with vacuum-tube bases, lamp sockets, spark intensifiers, dental parts—namely, insulators for motor and flexible-shaft drills—high-tension terminal posts for X-ray apparatus, housing cones for X-ray tubes, and handles and toggles for electrical exploring lights, and violet-ray generators (insulated parts) since about 1916; in connection with electrical condenser cases, spark-plug covers, and wiring channels since about 1917; in connection with radio ear phones, transformer parts and cases, electric-piano controls, refillable fuse cases, and electric elevator parts—namely, dashpots, electric control and switchboard insulators—since about 1918; in connection with phonograph-motor insulation, variocouplers, and heat-regulator insulation since about 1919; in connection with plugs and receptacles for multiplex telegraphy apparatus since about April, 1920; in connection with diaphragms since about July, 1920; in connection with electrical cable terminals since about October, 1920; in connection with electric-vacuum-cleaner insulation since about December, 1920; in connection with panel switches since about January, 1921; in connection with attachment plugs since about February, 1921; in connection with grid leaks since about June, 1921; in connection with plugs (telephone) since about June, 1921; in connection with jack plug boxes since about April, 1922; in connection with electric drills since about May, 1922; in connection with lightning arresters since about June, 1922; in connection with loud speakers since about August, 1922; in connection with verniers since about March, 1923; in connection with amplifiers since about April, 1923; in connection with loops since about May, 1923; in connection with switch and outlet plates since about June, 1923; in connection with electrical brushes since about July, 1923; in connection with electrical cigar lighters since about January, 1924; in connection with wireless adapters since about February, 1924; in connection with house wiring and power insulators since about October, 1924; in connection with electric-fan blades since about November, 1924; in connection with insulating shells and blocks for traffic-control signals since about February, 1925; in connection with electric hair-waving machinery since about March, 1925; and in connection with insulating cement and impregnating compositions for coil cases since about 1910.

Ser. No. 241,142. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE EAGLE-PICHER LEAD COMPANY, Chicago, Ill. Filed Dec. 8, 1926.

EAGLE-PICHER

Particular description of goods.—Antimonial Lead, Pig Lead, Spelter, Solder, Babbitt, and Trap Lead.

Claims use since July 8, 1916.

Ser. No. 241,144. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE EAGLE-PICHER LEAD COMPANY, Chicago, Ill. Filed Dec. 8, 1926.



Exclusive use of the word "Products" is disclaimed apart from the mark shown. The lining in the drawing represents the colors black and white.

Particular description of goods.—White Lead, Blue Lead, Red Lead, Sublimed White Lead, Supersublimed White Lead, Sublimed Blue Lead, Sublimed Red Lead, Litharge, Sublimed Litharge, Orange Mineral, Lithopone, and Zinc Oxide.

Claims use since Nov. 15, 1926.

Ser. No. 241,145. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE EAGLE-PICHER LEAD COMPANY, Chicago, Ill. Filed Dec. 8, 1926.



Exclusive use of the word "Products" is disclaimed apart from the mark shown. The lining represents the colors black and white stripes.

Particular description of goods.—White Lead, Red Lead, Blue Lead, Sublimed White Lead, Supersublimed White Lead, Sublimed Blue Lead, Sublimed Red Lead, Litharge, Sublimed Litharge, Orange Mineral, Lithopone, and Zinc Oxide.

Claims use since Nov. 15, 1926.

Ser. No. 241,146. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE EAGLE-PICHER LEAD COMPANY, Chicago, Ill. Filed Dec. 8, 1926.



Exclusive use of the word "Products" is disclaimed apart from the mark shown in drawing. The lining represents the colors red and blue.

Particular description of goods.—White Lead, Red Lead, Blue Lead, Sublimed White Lead, Supersublimed White Lead, Sublimed Blue Lead, Sublimed Red Lead, Litharge, Sublimed Litharge, Orange Mineral, Lithopone, Zinc Oxide.

Claims use since Nov. 15, 1926.

Ser. No. 241,189. (CLASS 39. CLOTHING.) STANDARD HAT COMPANY, San Francisco, Calif. Filed Dec. 8, 1926.

Bobby Allen

No claim is made to the exclusive right to the name "Allen" apart from the other features of the mark as shown.

Particular description of goods.—Ladies' and Misses' Hats.

Claims use since Jan. 21, 1926.

Ser. No. 241,206. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Leverkusen, near Cologne-on-the-Rhine, Germany. Filed Dec. 9, 1926.

Cellappret

Particular description of goods.—Composition for Sizing, Stiffening, and Finishing Thread, Yarns, and Other Textile Materials, Including Artificial Silks.

Claims use since about August, 1926.

Ser. No. 241,212. (CLASS 38. PRINTS AND PUBLICATIONS.) F-R PUBLISHING CORPORATION, New York, N. Y. Filed Dec. 9, 1926.

LIPSTICK

Particular description of goods.—Nom de Plume for Magazine Articles in a Weekly Publication.
Claims use since July 18, 1925.

Ser. No. 241,296. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HORACE W. PAINE, New York, N. Y. Filed Dec. 10, 1926.



The word "Milk" appearing on the drawing being descriptive is disclaimed by applicant and is not sought to be registered as a part of the trade-mark.
Particular description of goods.—Bottled Milk.
Claims use since Sept. 1, 1926.

Ser. No. 241,361. (CLASS 37. PAPER AND STATIONERY.) THE TISSUE COMPANY, Saugerties, N. Y. Filed Dec. 11, 1926.



Applicant disclaims the right to the exclusive use of the words "Essex Flat Fold Crepe Paper."
Particular description of goods.—Crepe Paper for Decorative Purposes.
Claims use since Dec. 30, 1925.

Ser. No. 241,362. (CLASS 39. CLOTHING.) R. M. WATKINS, doing business as Watkins Hosiery Mills, Chattanooga, Tenn. Filed Dec. 11, 1926.

MISS SPRINGTIME

"Miss Springtime."
Particular description of goods.—Hosiery.
Claims use since Nov. 23, 1926.

Ser. No. 241,426. (CLASS 15. OILS AND GREASES.) E. H. MILTON AND SONS, Sedalia, Mo. Filed Dec. 13, 1926.

DIXCEL

Particular description of goods.—Gasoline, Kerosene, Burning Oils, Fuel Oils, and Distillate.
Claims use since August, 1921.

Ser. No. 241,466. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) L. AVANZINO & BRO. INC., Boston, Mass. Filed Dec. 14, 1926.

AVA

Particular description of goods.—Canned Fish.
Claims use since June 1, 1926.

Ser. No. 241,484. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RAFFAELE INSANA, doing business as R. Insana Co., Long Island City, N. Y. Filed Dec. 14, 1926.

RIMEDIO DIABOLICO

The word "Rimedio" is disclaimed by applicant apart from the mark shown.
Particular description of goods.—Medicine for Rheumatism.
Claims use since December, 1923.

Ser. No. 241,510. (CLASS 5. ADHESIVES.) THE AMERICAN CRAYON COMPANY, Sandusky, Ohio. Filed Dec. 15, 1926.

GLUIT

Particular description of goods.—Adhesive Paste.
Claims use since Nov. 1, 1926.

Ser. No. 241,520. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) COHN & ROSENBERGER, INC., New York, N. Y. Filed Dec. 15, 1926.

Red Riding Hood

Particular description of goods.—Pearls, Pearl Necklaces, Brooches, Bar Pins, Pins for Dress Ornaments, Ornamental Hatpins Made of or Plated With Precious Metal, Ornamental Pins and Buckles Made of or Plated With Precious Metal for Decorating Hats, Ornamental Shoe Buckles Made of or Plated With Precious Metal, Necklaces, Bead Necklaces, Bracelets, Earrings, Hair Ornaments Made of or Plated With Precious Metal, and Finger Rings.
Claims use since Aug. 16, 1926.

Ser. No. 241,548. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NORMAN M. SMITH, doing business as Rumex Remedy Company, Minneapolis, Minn. Filed Dec. 15, 1926.

DOCTOR RUMEX

The word "Rumex" of itself is disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Preparation for the Treatment of Colds and Coughs.
Claims use since Nov. 20, 1926.

Ser. No. 241,556. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BALTIMORE PAINT AND COLOR WORKS, Baltimore, Md. Filed Dec. 16, 1926.



No claim is made herein to the word "Products" apart from the mark shown in the drawing.
Particular description of goods.—Paste-Form and Ready-Mixed Paints and Varnishes.
Claims use since Oct. 25, 1926.

Ser. No. 241,566. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE DOVER MANUFACTURING CO., Dover, Ohio. Filed Dec. 16, 1926.

Lady Dover

Particular description of goods.—Electric Appliances—Namely, Smoothing Irons.
Claims use since Oct. 1, 1925.

Ser. No. 241,636. (CLASS 38. PRINTS AND PUBLICATIONS.) J. HENRY SCHRODER BANKING CORPORATION, New York, N. Y. Filed Dec. 17, 1926.

Finanz- und Handelsbericht

Erscheint monatlich
in den Vereinigten Staaten von Nord-Amerika
Herausgeber:
J. HENRY SCHRODER BANKING CORPORATION

Applicant disclaims all wording appearing on the drawing except the words "Finanz- und Handelsbericht."
Particular description of goods.—Financial Publication Issued Monthly.
Claims use since Aug. 18, 1926.

Ser. No. 241,639. (CLASS 38. PRINTS AND PUBLICATIONS.) J. HENRY SCHRODER BANKING CORPORATION, New York, N. Y. Filed Dec. 17, 1926.

Anlagen in Dollarwerten

Anhang zu Finanz- und Handelsbericht

J. HENRY SCHRODER BANKING CORPORATION

Applicant disclaims all wording appearing on the drawing except the words "Anlagen in Dollarwerten."
Particular description of goods.—Financial Publication Issued Monthly.
Claims use since Aug. 18, 1926.

Ser. No. 241,697. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CRUSELLAS RHUM QUINQUINA CO., INC., New York, N. Y. Filed Dec. 20, 1926.



No claim is made to the words "Alcoholado Superior Bay Rum" apart from the mark shown in the drawing.
Particular description of goods.—Bay Rum.
Claims use since Sept. 17, 1926.

Ser. No. 241,744. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES D. PRUNER, Exeter, Calif. Filed Dec. 20, 1926.

Golden Gate

The vertical lining in the drawing is intended to denote the color red. Applicant disclaims the word "Brand."
Particular description of goods.—Fresh Grapes, Fresh Plums, and Fresh Peaches.
Claims use since September, 1923.

Ser. No. 241,827. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE S. LEMUR COMPANY, Cleveland, Ohio. Filed Dec. 22, 1926.

LEMUR

Particular description of goods.—Permanent-Hair-Waving Machines, and Equipment for Permanent-Hair-Waving Machines, Such as Cabinets and Crimpers.
Claims use since Dec. 1, 1924.

Ser. No. 241,849. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) A. D. C. AIRCRAFT LIMITED, London, England. Filed Dec. 23, 1926.

CIRRUS

Particular description of goods.—Aircraft Engines.
Claims use since Nov. 3, 1924.

Ser. No. 241,875. (CLASS 15. OILS AND GREASES.) CREAM CITY OIL COMPANY, North Milwaukee, Wis. Filed Dec. 23, 1926.



The shaded portion of the mark appears in red.
Particular description of goods.—Gasoline, Fuel and Lubricating Oils, and Lubricating Greases.
Claims use since Aug. 10, 1926.

Ser. No. 241,938. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) DÜRKOPPWERKE AKTIENGESELLSCHAFT, Bielefeld, Germany. Filed Dec. 24, 1926.

Dürkopp
Dürkoppwerke
Aktiengesellschaft
Bielefeld

The mark consists of the term "Dürkopp" only, the other wording being hereby disclaimed, said term "Dürkopp" being a surname presented in the handwriting of a founder and predecessor in our business.
Particular description of goods.—Machinery Castings and Forgings.
Claims use since June 2, 1926.

Ser. No. 241,939. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) DÜRKOPPWERKE AKTIENGESELLSCHAFT, Bielefeld, Germany. Filed Dec. 24, 1926.

Dürkopp
Dürkoppwerke
Aktiengesellschaft
Bielefeld

The trade-mark consists of the term "Dürkopp" only, the other wording being hereby disclaimed, said term "Dürkopp" being a surname presented in the handwriting of a founder and predecessor in our business.
Particular description of goods.—Road Vehicles, Boats, Ships, Motor Cars, Bicycles, Motor Bicycles, Wheel Axles, Vehicle Doors, Vehicle Framings, Wheel Hubs, Bicycle Pedals, Wheels, Brakes, Aeroplanes, and Airships.
Claims use since June 2, 1926.

Ser. No. 242,055. (CLASS 12. CONSTRUCTION MATERIALS.) FEVRE & CIE., Paris, France. Filed Dec. 28, 1926.

JEANNE D'ARC

Particular description of goods.—Natural Cut Rock, Marble, and Other Materials for Construction, Decoration, and Sculpture.
Claims use since December, 1925.

Ser. No. 242,067. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) F. ROCHLIN MILLING CORP., Catskill, N. Y. Filed Dec. 28, 1926.

ROCHLIN'S



No claim is made to the word "Rochlin's" and the phrase "Absolutely Pure" apart from the mark shown in the drawing.
Particular description of goods.—Brown Buckwheat Groats and German Grits.
Claims use since about Dec. 1, 1925.

Ser. No. 242,128. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HERMAN HELLER, doing business as Re-Du-Sol Co., Los Angeles, Calif. Filed Dec. 29, 1926.

JAYS MINTS

No claim is made to the word "Mints" apart from the mark as shown.
Particular description of goods.—Breath Pellets.
Claims use since Dec. 23, 1926.

Ser. No. 242,156. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILL H. TARVER, doing business as Senco Mfg. Company, Little Rock, Ark. Filed Dec. 29, 1926.



Particular description of goods.—Medicine for Colds, Coughs, Influenza, and La Grippe.
Claims use since October, 1926.

Ser. No. 242,162. (CLASS 28. JEWELRY AND PRECIOUS METAL WARE.) ALLSOPP BROTHERS, Newark, N. J. Filed Dec. 30, 1926.

GUARDIAN

Particular description of goods.—Finger Rings Made Wholly or in Part of Precious Metal or Plated Therewith.
Claims use since Mar. 2, 1926.

Ser. No. 242,184. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926. Under 10-year proviso.



Particular description of goods.—Ground Key Work, Flat-Way Cocks, Flat-Way Stopcocks, Round-Way Cocks, Round-Way Stopcocks, Waste Cocks, Stop and Waste Cocks, Hydrant Cocks, Ground Key Bibs, Corporation Cocks, Flange Couplings, Lead Gooseneck, Cock Couplings, Soldering Nipples, Soldering Unions, Screw Ferrules, Compression Bibs, Compression Basin Cocks, Compression Bath Cocks, Compression Laveratory Valves, Compression Sill Cocks, Garden-Hosé Valves, Gas-Service Cocks, Gas-Meter Cocks, Gas-Union Cocks, Gas-Stove Cocks, Lock-Shield Valves, Gas Valves, Gas Keys, Gas-Pipe Fittings, Steam Cocks, High-Pressure Gas Cocks, Extension Service Boxes, Extension-Service-Box Parts, Service-Box Covers, Compression-Valve Dry Pipe, Hydrants, Hydrant Parts, Street-Washer Parts, Hose Boxes, Trap Screw Ferrules, Cast-Iron Pipe Fittings.
Claims use since 1885.

Ser. No. 242,195. (CLASS 39. CLOTHING.) THE WILLIAM HENGERER COMPANY, Buffalo, N. Y. Filed Dec. 30, 1926.



No claim is made to the exclusive use of the word "Hat" apart from the mark as shown.
Particular description of goods.—Women's Hats of Felt, Velour, Straw, Velvet, Silk, and Combinations thereof.
Claims use since Dec. 1, 1926.

Ser. No. 242,211. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JAMES ARTHUR REDNER, doing business as Zulu Blow Gun Company, Battle Creek, Mich. Filed Dec. 30, 1926.



The words "Blow Gun" are disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Blow-Gun Target Games.
Claims use since November, 1924.

Ser. No. 242,227. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) DERINGER FUEL COMPANY, Spangler, Pa. Filed Dec. 31, 1926.

WOODLAND

Particular description of goods.—Coal.
Claims use since 1895.

Ser. No. 242,270. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) THE AMERICAN LAUNDRY MACHINERY CO., Norwood Station, Cincinnati, Ohio. Filed Jan. 3, 1927.

NEPTUNE

Particular description of goods.—Washing Machines.
Claims use since July 16, 1925.

Ser. No. 242,290. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE GREAT ATLANTIC & PACIFIC TEA CO., Jersey City, N. J. Filed Jan. 3, 1927.

Brooks' Pride

Particular description of goods.—Butter.
Claims use since Nov. 24, 1926.

Ser. No. 242,318. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) STRAUB & YORKE, Chicago, Ill. Filed Jan. 3, 1927.



Particular description of goods.—Polishes and Dressings for Use on Varnished Lacquered, and Enameled Surfaces to Clean, Restore, and Preserve the Said Surfaces.
Claims use since 1906.

Ser. No. 242,377. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANCIS H. LEGGETT & COMPANY, New York, N. Y. Filed Jan. 5, 1927.

KRAUTINE

Particular description of goods.—Canned Sauerkraut Juice Used for Food Purposes.
Claims use since Dec. 15, 1926.

Ser. No. 242,417. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE DESSERT MANUFACTURING CO., Toledo, Ohio. Filed Jan. 6, 1927.

PAR-T-JEL

No claim is made to the word "Jel" apart from the mark as shown in the drawing.
Particular description of goods.—Gelatin Dessert Preparation.
Claims use since about Nov. 1, 1926.

Ser. No. 242,453. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) VIKING LABORATORIES, INCORPORATED, Charleston, W. Va. Filed Jan. 6, 1927.



The lining in the drawing is for shading only.
Particular description of goods.—Soaps and Soap Compounds.
Claims use since on or about Dec. 1, 1926.

Ser. No. 242,454. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) VIKING LABORATORIES, INCORPORATED, Charleston, W. Va. Filed Jan. 6, 1927.



The lining shown in the drawing is for the purpose of shading only. The words "Certified Quality" are hereby disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Soap and Soap Compounds.
Claims use since Dec. 1, 1926.

Ser. No. 242,456. (CLASS 15. OILS AND GREASES.) VIKING GASOLINE CORPORATION, Charleston, W. Va. Filed Jan. 6, 1927.



The lines in the drawing are for the purpose of shading only. The words "Anti-Knock Gasoline" are disclaimed apart from the mark shown in drawing.
Particular description of goods.—Gasoline, Extracted, Blended, and Compounded.
Claims use since on or about Dec. 1, 1926.

Ser. No. 242,460. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELMER E. BILLINGS, doing business as Zisko Ointment Company, Barberton, Ohio. Filed Jan. 6, 1927.

ZISKO

Particular description of goods.—Medicinal Salve Used in the Treatment of Asthma, Bronchitis, Catarrh, Chest Cold, Head Cold, Sore Throat, Coughs, Boils, Bruises, Burns, Headache, Neuralgia, Itching Piles, Muscular Rheumatism, Lumbago, Eczema, Frostbites, Sunburn, Cuts and Scratches, Quinsy, and Influenza.
Claims use since Sept. 1, 1926.

Ser. No. 242,500. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JAMES C. RAMSEY, Roswell, N. Mex. Filed Jan. 7, 1927.



Particular description of goods.—Friction Fire Starter for Use by Boy Scouts, Campers, and Tourists.
Claims use since May, 1925.

Ser. No. 242,502. (CLASS 38. PRINTS AND PUBLICATIONS.) RAND MCNALLY AND COMPANY, Chicago, Ill. Filed Jan. 7, 1927.

RAND McNALLY BANKERS DIRECTORY

Particular description of goods.—Semiannual Publication Entitled "Rand McNally Bankers Directory."
Claims use since Mar. 1, 1922.

Ser. No. 242,543. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) THE MAKIN HEATING COMPANY, Philadelphia, Pa. Filed Jan. 8, 1927.

MAHECO

Particular description of goods.—Hot-Water Generators, Warm-Air Circulators, Humidifier and Tap for Warm-Air Circulators, and Registers for Warm-Air Heating, Nonelectrical.
Claims use since April, 1913.

Ser. No. 242,547. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa. Filed Jan. 8, 1927.

EXPELLO

Particular description of goods.—Chemical for Cleaning Drains and Sinks.
Claims use since March, 1926.

Ser. No. 242,554. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SUN-RAY LIGHTING PRODUCTS, INC., New York, N. Y. Filed Jan. 8, 1927.

ARISTOCRAT
DAYLIGHT LAMP

No claim is made to the word "Lamp" apart from the mark shown.
Particular description of goods.—Electric-Lighting Equipment—Namely, Desk Lamps, Interior Lighting Fixtures, and General Portable Lamps.
Claims use since June 1, 1926.

Ser. No. 242,602. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) MIDWEST VARNISH COMPANY, Chicago, Ill. Filed Jan. 10, 1927.



Particular description of goods.—Dry, Paste, and Ready-Mixed Paints, Varnishes, and Auto Enamels.
Claims use since Mar. 15, 1926.

Ser. No. 242,631. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TEXAS STAR FLOUR MILLS, Galveston, Tex. Filed Jan. 10, 1927.



No claim is made to the exclusive use of the geographical notation "Galveston, Tex."
Particular description of goods.—Wheat Flour.
Claims use since June, 1899.

Ser. No. 242,658. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FREDERICK LLOYD CONVERSE, doing business as the Tri-Po Products Co., Woodlynne, N. J. Filed Jan. 11, 1927.



Particular description of goods.—General Household Cleaning Preparation for Fabrics, Utensils, and the Skin.
Claims use since Jan. 10, 1926.

Ser. No. 242,736. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MODEL MILL COMPANY, Johnson City, Tenn. Filed Jan. 12, 1927.

WHITE CROSS

Particular description of goods.—Plain Wheat Flour and Self-Rising Flour.
Claims use since about July, 1915.

Ser. No. 242,748. (CLASS 37. PAPER AND STATIONERY.) RAYNOR & PERKINS ENVELOPE COMPANY, New York, N. Y. Filed Jan. 12, 1927.

1062

Particular description of goods.—Paper for Writing and Printing Purposes and Mailing Envelopes.
Claims use since 1858.

Ser. No. 242,749. (CLASS 37. PAPER AND STATIONERY.) RAYNOR & PERKINS ENVELOPE COMPANY, New York, N. Y. Filed Jan. 12, 1927.

1094

Particular description of goods.—Paper for Writing and Printing Purposes and Mailing Envelopes.
Claims use since 1858.

Ser. No. 242,750. (CLASS 37. PAPER AND STATIONERY.) RAYNOR & PERKINS ENVELOPE COMPANY, New York, N. Y. Filed Jan. 12, 1927.

2160

Particular description of goods.—Paper for Writing and Printing Purposes and Mailing Envelopes.
Claims use since 1890.

Ser. No. 242,753. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SERV-RITE CORPORATION, Los Angeles, Calif. Filed Jan. 12, 1927.

SERV-RITE

Particular description of goods.—Peanut Butter.
Claims use since May 1, 1925.

Ser. No. 242,822. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE DAYTON TOY & SPECIALTY COMPANY, Dayton, Ohio. Filed Jan. 14, 1927.



Particular description of goods.—Toys—Namely, Pull Trucks, and Particularly Delivery Trucks, Dump Trucks, and Moving Vans, Wagons, and Wheelbarrows.
Claims use since Aug. 16, 1926.

Ser. No. 242,858. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE SHOTWELL MFG. CO., Chicago, Ill. Filed Jan. 14, 1927.

MOVIE STARS

Particular description of goods.—Candy Bar.
Claims use since Dec. 1, 1926.

Ser. No. 242,861. (CLASS 18. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) SOCIETE FRANCAISE DE FILETAGE INDESSERRABLE, D. D. G., Paris, France. Filed Jan. 14, 1927.

D. D. G.

Particular description of goods.—Bolts and Nuts, Self-Locking Bolts and Nuts, and Metal Screws.
Claims use since Mar. 31, 1925.

Ser. No. 242,899. (CLASS 12. CONSTRUCTION MATERIALS.) I. F. LAUCKS INC., Seattle, Wash. Filed Jan. 15, 1927.

LAUXTEX

Particular description of goods.—Plastic Wall or Floor Coating.
Claims use since Nov. 29, 1926.

Ser. No. 242,947. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) CAMERON COAL COMPANY, Philadelphia, Pa. Filed Jan. 17, 1927.

BLACK OAK

Particular description of goods.—Bituminous Coal.
Claims use since May, 1919.

Ser. No. 242,979. (CLASS 39. CLOTHING.) AVON SOLE COMPANY, Holbrook, Mass. Filed Jan. 18, 1927.

GRISTLE

Particular description of goods.—Shoe Soles.
Claims use since January, 1924.

Ser. No. 242,995. (CLASS 12. CONSTRUCTION MATERIALS.) ROBERT W. HUNT COMPANY, Chicago, Ill. Filed Jan. 18, 1927.



Particular description of goods.—Fabricated Structural Steel.
Claims use since Apr. 1, 1887.

Ser. No. 243,009. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) IRVING MCEWEN, Omaha, Nebr. Filed Jan. 18, 1927.

CADET

Particular description of goods.—Shaving Soap, Liquid Soap, Toilet Soap, Skin Soap, Foot Soap, Bath Soap, and Hair and Scalp Soap.
Claims use since Jan. 10, 1927.

Ser. No. 243,015. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PUBLICKER INC., Philadelphia, Pa. Filed Jan. 18, 1927.

Alco-Wash

Applicant disclaims exclusive right to the use of the word "Wash" apart from the mark as shown.
Particular description of goods.—Alcohol Preparation for External Use.
Claims use since about March, 1921.

Ser. No. 243,019. (CLASS 39. CLOTHING.) ROTHCHILD & HIRSCHENSOHN INC., New York, N. Y. Filed Jan. 18, 1927.



Particular description of goods.—Ladies' Hats.
Claims use since Jan. 3, 1927.

Ser. No. 243,026. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) TIDEWATER LEATHER COMPANY, Salem, Mass. Filed Jan. 18, 1927.



Particular description of goods.—Leather.
Claims use since Oct. 20, 1926.

Ser. No. 243,031. (CLASS 39. CLOTHING.) RICHMOND WOLLSTEIN, Rome, Ga. Filed Jan. 18, 1927.

OMAR

The Tent Maker

Particular description of goods.—Hosiery.
Claims use since Dec. 15, 1926.

Ser. No. 243,062. (CLASS 12. CONSTRUCTION MATERIALS.) NORTHWEST GYPSUM PRODUCTS COMPANY, Lewistown, Mont. Filed Jan. 19, 1927.

CRYSTILE

Particular description of goods.—Gypsum Tile.
Claims use since Apr. 1, 1925.

Ser. No. 243,093. (CLASS 39. CLOTHING.) HUCKINS & TEMPLE, INC., Milford, Mass. Filed Jan. 20, 1927.

Pep Step

Trade-mark "Pep Step."
Particular description of goods.—Boots and Shoes Made Wholly or in Part of Leather, Fabrics, or Combinations Thereof.
Claims use since September, 1924.

Ser. No. 243,094. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) HUTCHINSON COAL COMPANY, Fairmont, W. Va. Filed Jan. 20, 1927.



Particular description of goods.—Coal.
Claims use since 1910.

Ser. No. 243,104. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARLIN P. MOTT, doing business as Mott Chemical Products, Detroit, Mich. Filed Jan. 20, 1927.



No claim is made to the words "For the Skin" apart from the mark shown.
Particular description of goods.—Skin Lotion.
Claims use since Dec. 15, 1926.

Ser. No. 243,115. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) REIFF & NESTOR COMPANY, Lykens, Pa. Filed Jan. 20, 1927.

NU-TRIX

Particular description of goods.—Tools for Reconditioning Threads of Bolts, Axles, Hubs, Etc.
Claims use since Jan. 10, 1927.

Ser. No. 243,126. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. MIRENTA & CO. INCORPORATED, Tacoma, Wash. Filed Jan. 20, 1927.

Mirenta's
IN-NO-SCENT

The surname "Mirenta's" is disclaimed apart from the other features of the mark shown in the drawing.
Particular description of goods.—Deodorant for Use in the Treatment of Excessive Perspiration.
Claims use since Sept. 1, 1926.

Ser. No. 243,140. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) CONVERSE TIRE AND RUBBER COMPANY, Malden, Mass. Filed Jan. 21, 1927.

PRESIDENT

Particular description of goods.—Automobile Tires and Tubes Therefor.
Claims use since Oct. 10, 1926.

Ser. No. 243,141. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) CONVERSE TIRE AND RUBBER COMPANY, Malden, Mass. Filed Jan. 21, 1927.

ALPINE

Particular description of goods.—Automobile Tires and Tubes Therefor.
Claims use since Oct. 10, 1926.

Ser. No. 243,157. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH A. HORIGAN, doing business as Horigan Manufacturing Company, Kansas City, Mo. Filed Jan. 21, 1927.

O-RELIEF

The word "Relief" is disclaimed apart from the mark shown.
Particular description of goods.—Medicine for the Relief of Bodily Pain, Headache, Earache, Toothache, Colds, La Grippe, Rheumatism, Neuralgia, Neuritis, and for Fever.
Claims use since July 1, 1920.

Ser. No. 243,160. (CLASS 38. PRINTS AND PUBLICATIONS.) KING FEATURES SYNDICATE, INC., New York, N. Y. Filed Jan. 21, 1927.

LITTLE ANNIE ROONEY

Particular description of goods.—Newspaper Section.
Claims use since Jan. 10, 1927.

Ser. No. 243,167. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ANTONIO PALAZZOLO, Cincinnati, Ohio. Filed Jan. 21, 1927.

CINCINNATUS

Particular description of goods.—Macaroni.
Claims use since May 17, 1926.

Ser. No. 243,171. (CLASS 38. PRINTS AND PUBLICATIONS.) VICTOR ROBINSON, doing business as The Medical Life Press, New York, N. Y. Filed Jan. 21, 1927.

Medical Life

Particular description of goods.—Monthly Publication.
Claims use since 1920.

Ser. No. 243,173. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE SCANDINAVIA BELTING COMPANY, Newark, N. J. Filed Jan. 21, 1927.

Cotela

Particular description of goods.—Transmission and Brake Lining.
Claims use since Apr. 20, 1926.

Ser. No. 243,179. (CLASS 37. PAPER AND STATIONERY.) WHITE & WYCKOFF MANUFACTURING COMPANY, Holyoke, Mass. Filed Jan. 21, 1927.

Whitwyck Lawn

Applicant disclaims an exclusive right to the word "Lawn" apart from the mark shown in the drawing.
Particular description of goods.—Writing Paper and Mailing Envelopes.
Claims use since Dec. 31, 1926.

Ser. No. 243,182. (CLASS 39. CLOTHING.) WOOLF BROTHERS, INC., Kansas City, Mo. Filed Jan. 21, 1927.

Croyden

Particular description of goods.—Men's and Boys' Clothing—Namely, Suits, Coats, and Pants.
Claims use since Dec. 19, 1926.

Ser. No. 243,190. (CLASS 38. PRINTS AND PUBLICATIONS.) GEORGE BANTA PUBLISHING COMPANY, Menasha, Wis. Filed Jan. 22, 1925.



Particular description of goods.—Magazines and Books Published by Said Corporation and Magazines, Folders, Catalogues, and Pamphlets Printed for Others.
Claims use since 1907.

Ser. No. 243,206. (CLASS 39. CLOTHING.) HART, SCHAFFNER & MARX, Chicago, Ill. Filed Jan. 22, 1927.

Platoon Grey

The word "Grey" is disclaimed apart from the mark shown.
Particular description of goods.—Men's Suits and Coats.
Claims use since Dec. 22, 1926.

Ser. No. 243,223. (CLASS 39. CLOTHING.) LEVIN & HARRIS SHIRT CO. INC., New York, N. Y. Filed Jan. 22, 1927.



Particular description of goods.—Men's and Boys' Dress Shirts, Sport Shirts, Work Shirts, Negligee Shirts, and Lumber Jackets of Textile Material.
Claims use since December, 1926.

Ser. No. 243,247. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) X-ZALIA CORPORATION, Boston, Mass. Filed Jan. 22, 1927.



Trade-mark consists of the word "X-Zalia" in association with the representation of a plant known as the "Cat-tail flag."
Particular description of goods.—Medicines Having the Character of a Liquid, Unguent or Powder for Use in the Treatment of Eczema, Erysipelas, Scurvy, Diseases of the Scalp; Salt Rheum, Herpes, and Other Skin Diseases; Acute or Chronic; Scabies, Rheumatism, Hemorrhoids, Poison From the Bites or Stings of Insects or Plants, Sprains, Bruises, Local Inflammations, Scalds, Burns, Cuts, Sore Eyes, and in General for All Cutaneous Diseases, Acute or Chronic, Parasitic Diseases, Inflammations of Pathological or Traumatic Origin for Man and Beast, and as a Preventive of or in the Treatment of Blood Poison Generally.
Claims use since Apr. 1, 1893.

Ser. No. 243,264. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GARDEN CITY LABORATORY, Chicago, Ill. Filed Jan. 24, 1927.



Applicant disclaims the use of the word "Brand" apart from the mark shown.
Particular description of goods.—Soldering Flux.
Claims use since May 1, 1908.

Ser. No. 243,269. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) FRED S. HENSCHEL, doing business as Henschel & Company, Chicago, Ill. Filed Jan. 24, 1927.



The surname "Henschel" is disclaimed apart from the mark as shown.
Particular description of goods.—Doorchecks.
Claims use since Jan. 3, 1927.

Ser. No. 243,284. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) M. F. PATTERSON DENTAL SUPPLY COMPANY, St. Paul, Minn. Filed Jan. 24, 1927.

PORCELITE

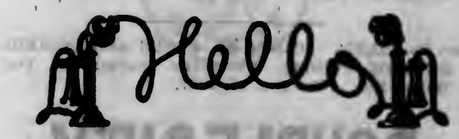
Particular description of goods.—Denture Material.
Claims use since Jan. 6, 1927.

Ser. No. 243,293. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JAMES RALPH THOMPSON, doing business as Seymour Ice Cream Company, Seymour, Ind. Filed Jan. 24, 1927.

Sebeco

Particular description of goods.—Ice Cream.
Claims use since June 24, 1926.

Ser. No. 243,325. (CLASS 38. PRINTS AND PUBLICATIONS.) THOMAS SERPICO, Brooklyn, N. Y. Filed Jan. 25, 1927.



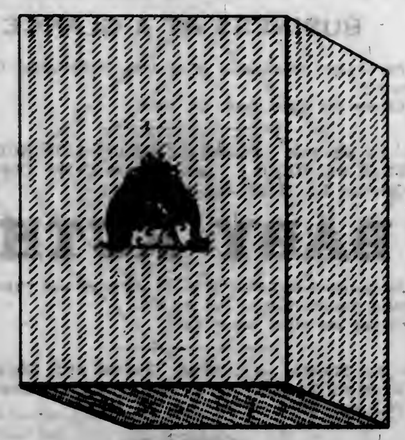
The drawing is lined for shading purposes only.
Particular description of goods.—Telephone Spelling Charts.
Claims use since Jan. 18, 1927.

Ser. No. 243,346. (CLASS 37. PAPER AND STATIONERY.) WM. CAMPBELL WALL PAPER COMPANY, Hackensack, N. J. Filed Jan. 26, 1927.

PERMA-KOTE

Particular description of goods.—Wall Coverings of Coated Paper in Sheet Form.
Claims use since on or about June 15, 1926.

Ser. No. 243,364. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE HOSPITAL SPECIALTY CO., Cleveland, Ohio. Filed Jan. 26, 1927.



The representation of a box or carton is disclaimed. The mark comprises the picture of a woman and alternate purple and white stripes on the box. The picture is fanciful and does not represent any particular person.
Particular description of goods.—Sanitary Napkins.
Claims use since May 1, 1925.

Ser. No. 243,380. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Jan. 26, 1927.

CellyEttes

Particular description of goods.—Sanitary Napkins.
Claims use since Dec. 30, 1926.

Ser. No. 243,406. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WESTERN GRAIN COMPANY, Birmingham, Ala. Filed Jan. 26, 1927.

JIM DANDY



Particular description of goods.—Oats, Corn, Corn Chops, Fattening Relish, and Bulky Mixer Feed.
Claims use since October, 1926.

Ser. No. 243,419. (CLASS 38. PRINTS AND PUBLICATIONS.) CRANDALL PIERCE & COMPANY, Chicago, Ill. Filed Jan. 27, 1927.

BUSINESS AT A GLANCE

Particular description of goods.—Publication Issued Monthly.
Claims use since Sept. 15, 1925.

Ser. No. 243,424. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CURTISS CANDY COMPANY, Chicago, Ill. Filed Jan. 27, 1927.

BABY RUTH

Particular description of goods.—Pastry and Cakes Including Vanilla Wafers and the Like.
Claims use since about 1923.

Ser. No. 243,428. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. F. EESLEY MILLING COMPANY, Plainwell, Mich. Filed Jan. 27, 1927.

AYCHARM

Particular description of goods.—Wheat Flour.
Claims use since Oct. 6, 1926.

Ser. No. 243,433. (CLASS 10. FERTILIZERS.) FERTILIZER SALES LTD., London, England. Filed Jan. 27, 1927.

Particular description of goods.—Fertilizers.
Claims use since June, 1926.

Ser. No. 243,442. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LIPOW BROS. FRUIT CO., Phoenix, Ariz. Filed Jan. 27, 1927.

Gold Spot Brand

"Brand" being disclaimed apart from the other features of the mark.
Particular description of goods.—Citrous Fruits in Their Natural State.
Claims use since on or about February, 1926.

Ser. No. 243,444. (CLASS 39. CLOTHING.) MALDEN KNITTING MILLS, Malden, Mass Filed Jan. 27, 1927.

Nedlam

Particular description of goods.—Sweaters and Bathing Suits.
Claims use since Jan. 21, 1927.

Ser. No. 243,454. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PERFECTION BISCUIT CO., Fort Wayne, Ind. Filed Jan. 27, 1927.

DOUBLE DUTY

Particular description of goods.—Bread.
Claims use since Apr. 1, 1926.

Ser. No. 243,457. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HOWARD L. ROSS, New York, N. Y. Filed Jan. 27, 1927.

SUZETTE

Particular description of goods.—Cream Rouge.
Claims use since Jan. 18, 1927.

Ser. No. 243,468. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) TURNER HALSEY CO., New York, N. Y. Filed Jan. 27, 1927.

"FAS-COL"

Particular description of goods.—Cotton Piece Goods.
Claims use since July 16, 1926.

Ser. No. 243,482. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EPICOL PRODUCTS COMPANY, Minneapolis, Minn. Filed Jan. 28, 1927.

SEDAREX

Particular description of goods.—Medicinal Preparation for Internal Use Acting as an Analgesic to Relieve Pain.
Claims use since Jan. 19, 1927.

Ser. No. 243,505. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SMITH CHEMICAL CORPORATION, Johnson City, Tenn. Filed Jan. 28, 1927.

INDIAN SCOUT

Particular description of goods.—Liniment.
Claims use since Oct. 10, 1926.

Ser. No. 243,521. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) AMERICAN SOLVENTS & CHEMICAL CORPORATION, New York, N. Y. Filed Jan. 29, 1927.

AMERSOL

Particular description of goods.—Combined Alcohol Meters and Indicators, Hydrometers and Instruments for Measuring the Gravity of Liquids and Solvents.
Claims use since about Dec. 1, 1926.

Ser. No. 243,524. (CLASS 15. OILS AND GREASES.) BLACKHAWK PETROLEUM CO., Chicago, Ill. Filed Jan. 29, 1927.

LEVEREASE

Particular description of goods.—Oils and Greases.
Claims use since Nov. 1, 1925.

Ser. No. 243,540. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAX I. GINSBERG, doing business as Los Angeles Saratoga Chip Co., Los Angeles, Calif. Filed Jan. 29, 1927.

FRENCHIES

Particular description of goods.—Shoe-String Potatoes.
Claims use since Jan. 10, 1927.

Ser. No. 243,575. (CLASS 38. PRINTS AND PUBLICATIONS.) THE AMERICAN NEWS COMPANY, INC., New York, N. Y. Filed Jan. 31, 1927.



Particular description of goods.—Magazines, Books, and Similar Periodicals.
Claims use since Jan. 15, 1913.

Ser. No. 243,635. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN R. WILLIAMS, doing business as Williams Eureka Bakery, Long Beach, Calif. Filed Jan. 31, 1927.

N·R·G· Energy

Particular description of goods.—Bread.
Claims use since Nov. 1, 1926.

Ser. No. 243,642. (CLASS 39. CLOTHING.) CHARLES BROADWAY ROUSS, INC., New York, N. Y. Filed Feb. 1, 1927.

FULL TIME

"Full Time."
Particular description of goods.—Men's and Boys' Overalls.
Claims use since August, 1925.

Ser. No. 243,646. (CLASS 27. HOROLOGICAL INSTRUMENTS.) EDISON WATCH CO. INC., New York, N. Y. Filed Feb. 1, 1927.

EDISON W.CO.N

Particular description of goods.—Watches, Watchcases, and Watch Movements.
Claims use since July 1, 1926.

Ser. No. 243,650. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FULLER MILLING COMPANY, INC., Albany and Schenectady, N. Y. Filed Feb. 1, 1927.

THREE BEARS



Registration of the word "Flour" twice occurring, is not claimed apart from the mark shown.
Particular description of goods.—Self-Rising Buckwheat Flour, Pancake Flour, Pure Buckwheat Flour, Stock Feed, and Scratch Feed.
Claims use since Jan. 17, 1927.

Ser. No. 243,651. (CLASS 39. CLOTHING.) B. HELLER & CO., New York, N. Y. Filed Feb. 1, 1927.

Huntingtun

Particular description of goods.—Ladies' Dresses, Coats, and Cloaks.
Claims use since Dec. 6, 1926.

Ser. No. 243,668. (CLASS 38. PRINTS AND PUBLICATIONS.) SPANISH-AMERICAN PUBLISHING COMPANY, Los Angeles, Calif. Filed Feb. 1, 1927.

CINELANDIA

Particular description of goods.—Monthly Magazine.
Claims use since Sept. 5, 1926.

Ser. No. 243,683. (CLASS 38. PRINTS AND PUBLICATIONS.) BELL SYNDICATE, INC., New York, N. Y. Filed Feb. 2, 1927.

CASH AND CARRIE

Particular description of goods.—Strips of Humorous Drawings Representing the Same Characters in Different Situations.
Claims use since Jan. 10, 1927.

Ser. No. 243,684. (CLASS 17. TOBACCO PRODUCTS.) MICHAEL S. BISHARA, Niagara Falls, N. Y. Filed Feb. 2, 1927.

GREEN VALLEY

Particular description of goods.—Cigars.
Claims use since Jan. 1, 1926.

Ser. No. 243,728. (CLASS 31. FILTERS AND REFRIGERATORS.) SANAT REFRIGERATING COMPANY, New York, N. Y. Filed Feb. 2, 1927.

SANAT

Particular description of goods.—Refrigerators and Refrigerating Machinery.
Claims use since Jan. 6, 1926.

Ser. No. 243,731. (CLASS 38. PRINTS AND PUBLICATIONS.) UNIVERSAL PICTURES CORPORATION, New York, N. Y. Filed Feb. 2, 1927.

UNIVERSAL WEEKLY

No claim is made to the word "Weekly" except as used in conjunction with the other features of the mark.
Particular description of goods.—Weekly Periodical.
Claims use since 1912.

Ser. No. 243,848. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE BONNEY-FLOYD CO., Columbus, Ohio. Filed Feb. 5, 1927.



Particular description of goods.—Steel Castings.
Claims use since 1915.

Ser. No. 243,906. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE WHITE-HAINES OPTICAL COMPANY, Columbus, Ohio. Filed Feb. 5, 1927.



Particular description of goods.—Spectacle Frames.
Claims use since Jan. 18, 1927.

Ser. No. 243,908. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE WHITE-HAINES OPTICAL COMPANY, Columbus, Ohio. Filed Feb. 5, 1927.

Clover

Particular description of goods.—Spectacle Frames.
Claims use since Jan. 18, 1927.

Ser. No. 243,910. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) ZIV STEEL & WIRE COMPANY, Chicago, Ill. Filed Feb. 5, 1927.

ZIV'S LOPHOS TOOL STEEL

Applicant disclaims the use of the words "Ziv's" and "Tool Steel" apart from the mark shown in the drawing.
Particular description of goods.—Drill and Tool Steel.
Claims use since January, 1912.

Ser. No. 243,911. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ZOLLINGER & SCHROTH, INC., New York, N. Y. Filed Feb. 5, 1927.

DISTINCTION SATIN

No rights are asserted to the exclusive use of the word "Satin" apart from the mark shown in the drawing.
Particular description of goods.—Silk Piece Goods.
Claims use since Jan. 15, 1927.

Ser. No. 243,955. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) KRAMER BROS. & GREENSPAN, INC., New York, N. Y. Filed Feb. 7, 1927.



No claim is made to the word "Silks" apart from the mark shown on the drawing.
Particular description of goods.—Silk Piece Goods.
Claims use since Jan. 15, 1927.

Ser. No. 243,962. (CLASS 38. PRINTS AND PUBLICATIONS.) NEA SERVICE, INC., Cleveland, Ohio. Filed Feb. 7, 1927.

JACK LOCKWILL AT ROCKLAKE

Particular description of goods.—Story Strip.
Claims use since Jan. 8, 1927.

Ser. No. 243,963. (CLASS 38. PRINTS AND PUBLICATIONS.) NEA SERVICE, INC., Cleveland, Ohio. Filed Feb. 7, 1927.

THEY'RE ALL ALIKE

Particular description of goods.—Comic Strip.
Claims use since Jan. 4, 1927.

Ser. No. 243,964. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) PATEK BROTHERS, INC., Milwaukee, Wis. Filed Feb. 7, 1927.

VARCOTE

"Varcote."
Particular description of goods.—Varnish.
Claims use since Nov. 1, 1926.

Ser. No. 243,996. (CLASS 38. PRINTS AND PUBLICATIONS.) THE CERAMICS PUBLISHING CO., INC., Newark, N. J. Filed Feb. 8, 1927.

The Ceramic Age

Particular description of goods.—Publication Issued from Time to Time.
Claims use since January, 1927.

Ser. No. 244,039. (CLASS 38. PRINTS AND PUBLICATIONS.) ALLEN BUSINESS PAPERS INC., New York, N. Y. Filed Feb. 9, 1927.

Nugents MERCHANDISING CALENDAR

"Nugents Ready to Wear Merchandising Calendar."
Particular description of goods.—Newspaper Section Published Monthly.
Claims use since Jan. 11, 1927.

Ser. No. 244,049. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE CONTINENTAL ROOFING & MANUFACTURING CO., Baltimore, Md. Filed Feb. 9, 1927.



Particular description of goods.—Asphalt Roof Paint.
Claims use since about August, 1924.

Ser. No. 244,130. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BERINIG BROTHERS, INC., Hoboken, N. J. Filed Feb. 10, 1927.

BRILAC

Particular description of goods.—Enamel Paints.
Claims use since about Nov. 23, 1926.

Ser. No. 244,147. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) FELLINGER CORPORATION, New York, N. Y. Filed Feb. 10, 1927.

TORO

Particular description of goods.—Gas-Shut-Off Valves.
Claims use since Aug. 1, 1926.

Ser. No. 244,174. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE OHIO BUTTERINE COMPANY, Cincinnati, Ohio. Filed Feb. 10, 1927.

UNO

"Uno."
Particular description of goods.—Oleomargarine.
Claims use since January, 1912.

Ser. No. 244,199. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WESTERN GROCER COMPANY, Marshalltown, Iowa. Filed Feb. 10, 1927.

COD-O-LAC

Particular description of goods.—Poultry Feed.
Claims use since Nov. 17, 1926.

Ser. No. 244,225. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) BIAGIO A. FURIATI, Brooklyn, N. Y. Filed Feb. 11, 1927.



Particular description of goods.—Apparatus for Clamping Meat.
Claims use since Nov. 15, 1926.

Ser. No. 244,233. (CLASS 38. PRINTS AND PUBLICATIONS.) LOVE ROMANCES PUB. CO., INC., New York, N. Y. Filed Feb. 11, 1927.

LOVE ROMANCES

"Love Romances."
Particular description of goods.—Monthly Magazines.
Claims use since December, 1925.

Ser. No. 244,315. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ORIENTAL SILK PRINTING COMPANY, Haledon, N. J., and New York, N. Y. Filed Feb. 12, 1927.

Out-o-Town

Particular description of goods.—Textile Fabrics—Namely, Silk, Artificial Silk, Wool, and Cotton and Combinations Thereof.
Claims use since Dec. 15, 1926.

Ser. No. 244,646. (CLASS 38. PRINTS AND PUBLICATIONS.) AMERICAN BAKERS' PUBLISHING COMPANY, New York, N. Y. Filed Feb. 21, 1927.

American Independent Baker

Particular description of goods.—Publication Issued Weekly.
Claims use since Jan. 7, 1927.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

MARCH 22, 1927.

225,449. HAIR-GROWER PREPARATION. Frances J. Taylor, Philadelphia, Pa.
Filed November 8, 1926. Serial No. 239,833. PUBLISHED JANUARY 11, 1927.

225,450. PREPARATION FOR PYORRHEA AND FOR CLEANING AND PRESERVING TEETH. Nox-Pyorrhea Company, Florence, S. C.
Filed November 8, 1926. Serial No. 239,820. PUBLISHED JANUARY 11, 1927.

225,451. POLISH FOR STOVES AND STOVEPIPES, RANGES, FURNACES, BOILERS, AND ENGINES. J. L. Prescott Company, New York, N. Y.
Filed October 25, 1926. Serial No. 239,198. PUBLISHED JANUARY 4, 1927.

225,452. ARTIFICIAL-LEATHER CLOTH OR ARTIFICIAL LEATHER FOR BOOKBINDING PURPOSES. L. E. Carpenter & Co., Inc., Newark, N. J.
Filed October 26, 1926. Serial No. 239,230. PUBLISHED DECEMBER 28, 1926.

225,453. LADIES' AND MISSES' ROBES. Robert Lorel, New York, N. Y.
Filed October 26, 1926. Serial No. 239,255. PUBLISHED JANUARY 4, 1927.

225,454. LUBRICATING OILS AND GREASES. Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo.
Filed October 22, 1926. Serial No. 239,058. PUBLISHED JANUARY 11, 1927.

225,455. KNIT GOODS—NAMELY, KNITTED CAPS FOR MEN, WOMEN, AND CHILDREN. Eagle Knitting Mills, Milwaukee, Wis.
Filed November 6, 1926. Serial No. 239,745. PUBLISHED JANUARY 11, 1927.

225,456. CERTAIN THREADS. The Corticelli Silk Company, Florence, Mass.
Filed November 6, 1926. Serial No. 239,743. PUBLISHED JANUARY 4, 1927.

225,457. MINERAL OIL TO BE USED IN COMPOUNDS FOR MAKING IMPREGNATED-PAPER-INSULATED ELECTRIC CABLES. The Okonite-Callender Cable Company, Incorporated, Paterson, N. J.
Filed November 5, 1926. Serial No. 239,714. PUBLISHED JANUARY 4, 1927.

225,458. LEATHER GLOVES. The Fitzgibbon Co. Inc., New York, N. Y.
Filed November 5, 1926. Serial No. 239,704. PUBLISHED JANUARY 11, 1927.

225,459. MOTOR OILS AND GREASES. C. F. Battenfeld Oil Company, Detroit, Mich.
Filed November 5, 1926. Serial No. 239,694. PUBLISHED JANUARY 11, 1927.

225,460. LUBRICATING OILS AND GREASES. Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo.
Filed October 22, 1926. Serial No. 239,053. PUBLISHED JANUARY 11, 1927.

225,461. LUBRICATING OILS. Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo.
Filed October 22, 1926. Serial No. 239,054. PUBLISHED JANUARY 11, 1927.

225,462. LUBRICATING OILS. Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo.
Filed October 22, 1926. Serial No. 239,056. PUBLISHED JANUARY 11, 1927.

225,463. LUBRICATING OILS AND GREASES. Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo.
Filed October 22, 1926. Serial No. 239,057. PUBLISHED JANUARY 11, 1927.

225,464. CHILDREN'S LEATHER SHOES. Arnold G. Behn, Kearny, N. J.
Filed October 23, 1926. Serial No. 239,081. PUBLISHED DECEMBER 28, 1926.

225,465. MEN'S, YOUNG MEN'S, AND BOYS' CLOTHES CONSISTING OF OVERCOATS, TWO-PIECE SUITS—VIZ, COATS AND TROUSERS; THREE-PIECE SUITS—VIZ, COATS, VESTS, AND TROUSERS; AND COATS, VESTS, AND TROUSERS SEPARATELY. Chas. Douglis-Mack Co. Inc., doing business as Picadilly Stripe Co. Inc., New York, N. Y.
Filed October 23, 1926. Serial No. 239,096. PUBLISHED JANUARY 4, 1927.

225,466. HAIR STRUCTURES, PARTICULARLY A FEMININE TOUPEE OR ABBREVIATED TRANSFORMATION. Hepner Incorporated, Los Angeles, Calif.
Filed October 23, 1926. Serial No. 239,107. PUBLISHED DECEMBER 28, 1926.

225,467. TOILET SOAP. The Oskamp Nolting Co., Cincinnati, Ohio.
Filed October 25, 1926. Serial No. 239,195. PUBLISHED JANUARY 4, 1927.

225,468. BOOTS AND SHOES OF LEATHER, FABRICS, OR COMBINATIONS THEREOF. Orange Shoe Company, Orange, Mass.
Filed November 4, 1926. Serial No. 239,672. PUBLISHED JANUARY 11, 1927.

225,469. FIREWORKS. Hitt Fireworks Company, Seattle, Wash.
Filed November 4, 1926. Serial No. 239,656. PUBLISHED JANUARY 11, 1927.

225,470. WOVEN RUGS AND FLOOR COVERINGS. Thomas Develon, Jr., Philadelphia, Pa.
Filed November 4, 1926. Serial No. 239,647. PUBLISHED JANUARY 11, 1927.

225,471. WOVEN RUGS AND FLOOR COVERINGS. Thomas Develon, Jr., Philadelphia, Pa.
Filed November 4, 1926. Serial No. 239,644. PUBLISHED JANUARY 11, 1927.

225,472. PORT WINES AND SHERRY WINES. The Interstate Wine Company, Baltimore, Md.
Filed November 9, 1926. Serial No. 239,859. PUBLISHED JANUARY 11, 1927.

225,473. PREVENTIVE FOR INFECTION. Interceptor Chemical Co., Newark, N. J.
Filed November 9, 1926. Serial No. 239,858. PUBLISHED JANUARY 11, 1927.

225,474. OIL BURNERS. The Fuelo Corporation, Washington, D. C.
Filed November 9, 1926. Serial No. 239,849. PUBLISHED JANUARY 11, 1927.

225,475. HAIR TONIC. Porte & Cie., doing business as Societe Hygienique, Paris, France.
Filed October 26, 1926. Serial No. 239,265. PUBLISHED JANUARY 11, 1927.

225,476. VARNISH REMOVER. Sovereign Paint Manufacturing Co., Atlantic City, N. J.
Filed October 26, 1926. Serial No. 239,274. PUBLISHED JANUARY 4, 1927.

225,477. WOMEN'S HOSIERY AND KNITTED AND WOVEN UNDERWEAR. Wurzburg Dry Goods Company, Grand Rapids, Mich.
Filed October 26, 1926. Serial No. 239,280. PUBLISHED JANUARY 11, 1927.

225,478. PEAT-MOSS PRODUCTS, SUCH AS STABLE BEDDING, POULTRY LITTER, FOR HORTICULTURE, AND PACKING OF FRUIT AND VEGETABLES. Pennrich & Company, Inc., New York, N. Y.
Filed October 27, 1926. Serial No. 239,316. PUBLISHED DECEMBER 28, 1926.

225,479. AUTOMOBILE TAXICABS. The Saf-T-Cab Corporation, Cleveland, Ohio.
Filed October 27, 1926. Serial No. 239,318. PUBLISHED JANUARY 11, 1927.

225,480. COIN SORTING AND COUNTING MACHINES AND PARTS THEREOF. The Schwartz Sortograph Co., Elkhart Lake, Wis.
Filed October 27, 1926. Serial No. 239,321. PUBLISHED JANUARY 11, 1927.

225,481. ICE CREAM. Abbotts Alderney Dairies, Inc., Philadelphia, Pa.
Filed October 19, 1926. Serial No. 238,830. PUBLISHED JANUARY 11, 1927.

225,482. WOMEN'S AND MISSES' AND CHILDREN'S HATS. Conrad & Co. Inc., Boston, Mass.
Filed October 20, 1926. Serial No. 238,899. PUBLISHED JANUARY 4, 1927.

225,483. CANNED MILK IN LIQUID, PASTE, AND POWDER FORM, USED AS INFANTS' FOOD. J. P. Meyenberg, Inc., Salinas, Calif.
Filed October 20, 1926. Serial No. 238,913. PUBLISHED JANUARY 11, 1927.

225,484. CANNED MILK IN LIQUID, PASTE, AND POWDERED FORM, USED AS INFANTS' FOOD. J. P. Meyenberg, Inc., Salinas, Calif.
Filed October 20, 1926. Serial No. 238,914. PUBLISHED JANUARY 11, 1927.

225,485. TEXTILE RUGS. Bengal Oriental Rug Corporation, Philadelphia, Pa.
Filed October 22, 1926. Serial No. 239,018. PUBLISHED JANUARY 11, 1927.

225,486. MEDICINE FOR USE IN THE TREATMENT OF CANCER. John Lindgren, Golden, Colo.
Filed October 22, 1926. Serial No. 239,040. PUBLISHED JANUARY 11, 1927.

225,487. LUBRICATING OILS. Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo.
Filed October 22, 1926. Serial No. 239,047. PUBLISHED JANUARY 11, 1927.

225,488. INSECTICIDES—NAMELY, FLY POISON. Antrol Laboratories Inc., Los Angeles, Calif.
Filed November 15, 1926. Serial No. 240,055. PUBLISHED DECEMBER 28, 1926.

225,489. OIL BURNERS. Franklin Oil Heating, Inc., Columbus, Ohio.
Filed November 13, 1926. Serial No. 240,023. PUBLISHED JANUARY 11, 1927.

225,490. MEN'S AND BOYS' CAPS. Downs Inc., Chicago, Ill.
Filed November 13, 1926. Serial No. 240,022. PUBLISHED JANUARY 11, 1927.

225,491. SAFETY PINS OF NONPRECIOUS METAL. The De Long Hook and Eye Company, Philadelphia, Pa.
Filed November 12, 1926. Serial No. 239,974. PUBLISHED JANUARY 11, 1927.

225,492. SWEETENED AND UNSWEETENED CONDENSED AND EVAPORATED MILK. Carnation Milk Products Company, Oconomowoc, Wis.
Filed November 12, 1926. Serial No. 239,964. PUBLISHED JANUARY 11, 1927.

225,493. A SPECIALTY NAPHTHA REFINED EXCLUSIVELY FOR THE DRY-CLEANING INDUSTRY. Anderson-Prichard Oil Corporation, Oklahoma City, Okla.
Filed November 12, 1926. Serial No. 239,959. PUBLISHED DECEMBER 28, 1926.

225,494. RUBBER CAPS TO PROTECT HATS FROM RAIN OR SNOW. Evernu Rubber Heel Corporation, New York, N. Y.
Filed November 11, 1926. Serial No. 239,924. PUBLISHED JANUARY 11, 1927.

225,495. LEATHER BOOTS AND SHOES. Endicott Johnson Corporation, Endicott, N. Y.
Filed November 11, 1926. Serial No. 239,923. PUBLISHED JANUARY 4, 1927.

225,496. SHOCK ABSORBERS FOR AUTOMOBILES. American Bosch Magneto Corporation, Springfield, Mass.
Filed November 11, 1926. Serial No. 239,912. PUBLISHED JANUARY 11, 1927.

225,497. LADIES' DRESSES, COATS, WAISTS, AND SWEATER COATS. Jos. Pfifferling, Inc., New York, N. Y.
Filed November 10, 1926. Serial No. 239,893. PUBLISHED JANUARY 4, 1927.

225,498. HEADWEAR—NAMELY, CAPS FOR MEN AND BOYS. Fits-U Cap Co., St. Louis, Mo.
Filed November 10, 1926. Serial No. 239,882. PUBLISHED JANUARY 11, 1927.

225,499. BRAKES AND BRAKE SYSTEMS AND PARTS THEREOF. Bendix Brake Company, Chicago, Ill.
Filed November 10, 1926. Serial No. 239,876. PUBLISHED JANUARY 11, 1927.

225,500. TOILET REQUISITES—NAMELY, HAIR TONIC, HAIRDRESSING, SHAMPOO, TOILET WATER, MASSAGE CREAM, TALCUM POWDER, FACE POWDER, NAIL POLISH, PREPARATION FOR REMOVING THE CUTICLE, AND PERFUME. The Odell Company, Inc., Newark, N. J.
Filed November 1, 1926. Serial No. 239,539. PUBLISHED JANUARY 11, 1927.

225,501. PREPARATION FOR EXTERMINATING WATER BUGS, ROACHES, ANTS, ETC. Albert G. Maas, Indianapolis, Ind.
Filed November 1, 1926. Serial No. 239,532. PUBLISHED JANUARY 11, 1927.

225,502. RADIO RECEIVING SETS. Arnold G. Landers, doing business as Amplex Instrument Laboratories, New York, N. Y.
Filed November 1, 1926. Serial No. 239,528. PUBLISHED JANUARY 4, 1927.

225,503. REMEDY FOR THE TREATMENT OF INDIGESTION, LOSS OF APPETITE, DIARRHEA, AND MOST ALL SYSTEMATIC INFECTIONS IN CATTLE. Edward M. Brown, Toledo, Ohio.
Filed November 1, 1926. Serial No. 239,506. PUBLISHED JANUARY 11, 1927.

225,504. TIRES AND TUBES FOR AUTOMOBILES. The U. S. Farm Sales Co., Salina, Kans.
Filed October 30, 1926. Serial No. 239,496. PUBLISHED JANUARY 11, 1927.

225,505. ALTERATIVE AND TONIC. Doña Isabella McMartin, Los Angeles, Calif.
Filed October 30, 1926. Serial No. 239,481. PUBLISHED JANUARY 11, 1927.

225,506. EGGS AND DRESSED POULTRY. Lake Region Co-Operative Egg & Poultry Exchange, St. Paul, Minn.
Filed October 30, 1926. Serial No. 239,480. PUBLISHED JANUARY 4, 1927.

225,507. LIQUID MEASURING AND DISPENSING PUMPS. Guarantee Liquid Measure Company, Rochester, Pa.
Filed October 29, 1926. Serial No. 239,411. PUBLISHED JANUARY 11, 1927.

225,508. PANTS AND COATS FOR MEN AND BOYS. SWEET-ORR & CO., INC., Wappingers Falls and New York, N. Y.
Filed November 18, 1926. Serial No. 240,280. PUBLISHED JANUARY 11, 1927.

225,509. PHARMACEUTICAL PREPARATIONS.—NAMELY, A SIRUP FOR COUGHS AND COLDS. LEO GANBARG, doing business as Arcadia Pharmacal Company, New York, N. Y.
Filed October 29, 1926. Serial No. 239,405. PUBLISHED JANUARY 4, 1927.

225,510. METAL ALLOYS AND CASTINGS THEREOF. WALWORTH COMPANY, Boston, Mass.
Filed October 28, 1926. Serial No. 239,391. PUBLISHED JANUARY 4, 1927.

225,511. COLLAR-BUTTON GUARDS MADE OF CELLULOID AND CELLULOSE MATERIAL. O. STIERLI & CO., Jersey City, N. Y.
Filed October 28, 1926. Serial No. 239,387. PUBLISHED DECEMBER 28, 1926.

225,512. PHONOGRAPHS. VIRGIL K. MCCASKILL, doing business as Texas Phonograph Co., Amarillo, Tex.
Filed October 28, 1926. Serial No. 239,376. PUBLISHED JANUARY 11, 1927.

225,513. LUBRICATING OILS AND GREASES. ADOLF SCHMIDS ERBEN, AKTIENGESELLSCHAFT, Bern, Switzerland.
Filed October 7, 1926. Serial No. 238,285. PUBLISHED JANUARY 11, 1927.

225,514. HOSIERY. BAKER-MOISE COMPANY, Dallas, Tex.
Filed October 8, 1926. Serial No. 238,299. PUBLISHED JANUARY 4, 1927.

225,515. ELECTRIC CANDLES. LUMINEX COMPANY, New York, N. Y.
Filed October 8, 1926. Serial No. 238,325. PUBLISHED JANUARY 4, 1927.

225,516. STOMACH MEDICINE. ARTHUR E. CRIPPEN, Ann Arbor, Mich.
Filed October 9, 1926. Serial No. 238,362. PUBLISHED JANUARY 11, 1927.

225,517. SPORT SHOES, SUCH AS TENNIS SHOES, MADE OF RUBBER AND FABRIC. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed October 9, 1926. Serial No. 238,372. PUBLISHED DECEMBER 28, 1926.

225,518. WARM-AIR HEATING SYSTEMS AND FURNACES AND PARTS THEREOF FOR USE IN SUCH SYSTEMS, SUCH FURNACES BEING PRIMARILY DESIGNED TO BURN COAL, BUT BEING READILY CONVERTIBLE TO USE GAS OR OIL FOR FUEL. THE RYSOLT HEATER COMPANY, Ashland, Ohio.
Filed October 11, 1926. Serial No. 238,459. PUBLISHED JANUARY 11, 1927.

225,519. SALT. TEXAS SALT COMPANY, Houston, Tex.
Filed October 11, 1926. Serial No. 238,465. PUBLISHED JANUARY 4, 1927.

225,520. LUBRICATING OIL FOR INTERNAL-COMBUSTION ENGINES. CASTORLUBE REFINING COMPANY, San Francisco, Calif.
Filed October 12, 1926. Serial No. 238,485. PUBLISHED JANUARY 11, 1927.

225,521. MALT SIRUP AND MALT EXTRACT FOR FOOD PURPOSES. THE BACHRACH-FELD CO., doing business as Cascade Malt Extract Co., Cincinnati, Ohio.
Filed October 14, 1926. Serial No. 238,566. PUBLISHED JANUARY 11, 1927.

225,522. FURNACES FOR BURNING COAL OR LIKE FUEL FOR USE IN RESIDENCES, SMALL BANKS, AND SMALL PUBLIC BUILDINGS. THE FARQUHAR FURNACE COMPANY, Wilmington, Ohio.
Filed October 14, 1926. Serial No. 238,576. PUBLISHED JANUARY 11, 1927.

225,523. GLASS BOTTLES. MARYLAND GLASS CORPORATION, Baltimore, Md.
Filed October 14, 1926. Serial No. 238,602. PUBLISHED JANUARY 11, 1927.

225,524. SANITARY NAPKINS, COTTON SURGICAL DRESSINGS. REID BROS., INC., San Francisco, Calif.
Filed October 14, 1926. Serial No. 238,616. PUBLISHED JANUARY 4, 1927.

225,525. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, LIP STICKS, EYEBROW PENCILS, SKIN LOTIONS, PERFUMES, HAIR TONICS, HAIR OILS, TOOTH PASTE, DENTIFRICES, DEODORIZING PREPARATIONS, SHAMPOOS, TALCUM POWDERS, FOOT POWDERS, SACHETS, SMELLING SALTS, BATH SALTS, AND INCENSE. MANKA RUBINSTEIN, INC., New York, N. Y., assignor to Manka Czerwinski, New York, N. Y.
Filed December 1, 1926. Serial No. 240,822. PUBLISHED JANUARY 11, 1927.

225,526. RIVETS FOR SHOES. CHURCHILL AND ALDEN COMPANY, Brockton, Mass.
Filed December 1, 1926. Serial No. 240,804. PUBLISHED JANUARY 11, 1927.

225,527. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed November 30, 1926. Serial No. 240,779. PUBLISHED JANUARY 4, 1927.

225,528. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed November 30, 1926. Serial No. 240,777. PUBLISHED JANUARY 4, 1927.

225,529. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed November 30, 1926. Serial No. 240,776. PUBLISHED JANUARY 4, 1927.

225,530. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, FACE CREAMS, LOTIONS FOR THE SKIN AND HAIR, SACHET, BATH SALTS, BRILLIANTINE, DENTIFRICES, AND ROUGES. JACK BLUEMANTLE, Paris, France.
Filed November 30, 1926. Serial No. 240,767. PUBLISHED JANUARY 11, 1927.

225,531. LUBRICANTS, AND PARTICULARLY LUBRICATING GREASES. VISCOSITY OIL COMPANY, Chicago, Ill.
Filed November 29, 1926. Serial No. 240,761. PUBLISHED JANUARY 11, 1927.

225,532. CONES, TUBES, SPOOLS, BOXES, AND SKEINS OF THREAD. LE ROY M. NORTON, doing business as United Thread Mills, Kansas City, Mo.
Filed November 26, 1926. Serial No. 240,620. PUBLISHED JANUARY 4, 1927.

225,533. MEN'S DRESSING GOWNS. SAMUEL L. HOFFMAN, doing business as S. L. Hoffman & Co., New York, N. Y.
Filed November 26, 1926. Serial No. 240,606. PUBLISHED JANUARY 4, 1927.

225,534. GRAPE PUNCH. JOHN MULHERN COMPANY, San Francisco, Calif.
Filed November 24, 1926. Serial No. 240,561. PUBLISHED JANUARY 4, 1927.

225,535. SPARKLING WATER. GREAT BEAR SPRING COMPANY, New York, N. Y.
Filed November 24, 1926. Serial No. 240,543. PUBLISHED JANUARY 4, 1927.

225,536. SOAP CHIPS. COLGATE & COMPANY, Jersey City, N. J.
Filed November 24, 1926. Serial No. 240,534. PUBLISHED JANUARY 4, 1927.

225,537. LEATHER OF ALL KINDS. J. MAYER & SOHN, Offenbach-on-the-Main, Germany.
Filed October 7, 1926. Serial No. 238,275. PUBLISHED JANUARY 4, 1927.

225,538. DRESS AND NEGLIGEE SHIRTS. LUSTBERG, NAST & CO. INC., New York, N. Y.
Filed October 6, 1926. Serial No. 238,228. PUBLISHED JANUARY 4, 1927.

225,539. SHOES CONSTRUCTED OF LEATHER, RUBBER, AND A COMBINATION OF LEATHER AND RUBBER. KUIZ & LAPIDUS, INC., Brooklyn, N. Y.
Filed October 6, 1926. Serial No. 238,225. PUBLISHED JANUARY 11, 1927.

225,540. FUR-BEARING ANIMALS, SUCH AS BADGERS, COONS, FISHERS, FOXES, MARTENS, MINKS, MUSKRATS, AND RABBITS. FEDERAL DISTRIBUTING COMPANY, Seattle, Wash.
Filed October 6, 1926. Serial No. 238,210. PUBLISHED JANUARY 4, 1927.

225,541. PAINT ENAMEL. CAPITOL PAINT & VARNISH WORKS, INC., Brooklyn, N. Y.
Filed October 2, 1926. Serial No. 238,043. PUBLISHED DECEMBER 28, 1926.

225,542. THREAD AND YARN. CYNTHIA MILLS, East Boston, Mass.
Filed September 28, 1926. Serial No. 237,870. PUBLISHED JANUARY 4, 1927.

225,543. CANNED VEGETABLES. SMITH & HORTON COMPANY, LIMITED, Warren, Pa.
Filed September 25, 1926. Serial No. 237,767. PUBLISHED JANUARY 11, 1927.

225,544. ELECTRICAL CONNECTING DEVICES FOR MAKING OR BREAKING CIRCUITS, IN THE FORM OF ATTACHMENT PLUGS. THE ELECTRIC COMPANY, Hartford, Conn.
Filed September 24, 1926. Serial No. 237,658. PUBLISHED DECEMBER 28, 1926.

225,545. SOAP, SHAVING CREAM, AND PREPARATIONS HAVING CLEANING QUALITIES. LYSOL, INCORPORATED, Bloomfield, N. J.
Filed September 23, 1926. Serial No. 237,610. PUBLISHED JANUARY 4, 1927.

225,546. TEXTILE BLANKETS. THE ESMOND MILLS, Esmond, Smithfield, R. I.
Filed September 23, 1926. Serial No. 237,598. PUBLISHED JANUARY 4, 1927.

225,547. CIGARS. CALVIN L. BRANDON, Perry, Fla.
Filed September 23, 1926. Serial No. 237,591. PUBLISHED JANUARY 11, 1927.

225,548. FIREPROOF DOORS, HOUSE TRIM, AND BUILDING BRICK. BRONX COUNTY BUILDERS SUPPLY CO., INC., Bronx, N. Y.
Filed September 22, 1926. Serial No. 237,539. PUBLISHED DECEMBER 28, 1926.

225,549. CHOCOLATE AND CHOCOLATE CANDY. ALPURSA AKTIENGESELLSCHAFT, Biessenhofen, Germany.
Filed September 18, 1926. Serial No. 237,397. PUBLISHED JANUARY 11, 1927.

225,550. HOSIERY. NICHOLSON-FEINBERG, INC., New York, N. Y.
Filed September 17, 1926. Serial No. 237,382. PUBLISHED OCTOBER 26, 1926.

225,551. WEATHER STRIPPING MADE OF FELT, HAIR, FELT WITH CANVAS BINDER, HAIR WITH CANVAS BINDER. THERMWOOL PRODUCTS CO., New York, N. Y.
Filed September 15, 1926. Serial No. 237,298. PUBLISHED DECEMBER 28, 1926.

225,552. COAL. PARIS FUEL COMPANY, Paris, Ark.
Filed September 15, 1926. Serial No. 237,281. PUBLISHED JANUARY 4, 1927.

225,553. COAL. PARIS FUEL COMPANY, Paris, Ark.
Filed September 15, 1926. Serial No. 237,280. PUBLISHED JANUARY 4, 1927.

225,554. PREPARATION FOR SHAVING—NAMELY, A BEARD SOFTENER AND PORE CLEANER. EDWARD WAYMAN CRANE, Springfield, Mass.
Filed September 14, 1926. Serial No. 237,225. PUBLISHED JANUARY 4, 1927.

225,555. DRESS APRONS. NICKOLS MANUFACTURING COMPANY, INC., Seattle, Wash.
Filed September 10, 1926. Serial No. 237,087. PUBLISHED DECEMBER 28, 1926.

225,556. BEDSPREADS, CURTAINS, DRAPERIES AND SCARFS FOR USE ON FURNITURE, OF COTTON, SILK, COTTON AND RAYON, AND SILK AND RAYON. ART-IN-LINENS, INC., New York, N. Y.
Filed September 9, 1926. Serial No. 237,011. PUBLISHED JANUARY 4, 1927.

225,557. VELVET PIECE GOODS OF SILK AND RAYON. F. DUCHARNE SILK CO., INC., New York, N. Y.
Filed November 22, 1926. Serial No. 240,408. PUBLISHED JANUARY 11, 1927.

225,558. VELVET PIECE GOODS OF SILK AND RAYON. F. DUCHARNE SILK CO. INC., New York, N. Y.
Filed November 22, 1926. Serial No. 240,409. PUBLISHED JANUARY 11, 1927.

225,559. SILK PIECE GOODS. STEHLI SILKS CORPORATION, New York, N. Y.
Filed November 23, 1926. Serial No. 240,511. PUBLISHED JANUARY 4, 1927.

225,560. WOVEN CARPETS AND RUGS. BIGELOW-HARTFORD CARPET COMPANY, Clinton, Mass.; Thompsonville, Conn.; New York, N. Y.
Filed November 23, 1926. Serial No. 240,479. PUBLISHED JANUARY 4, 1927.

225,561. LADIES' FULL-FASHIONED HOSIERY. BERKSHIRE KNITTING MILLS, Wyomissing, Pa.
Filed November 23, 1926. Serial No. 240,475. PUBLISHED JANUARY 4, 1927.

225,562. ELECTRICAL CONTROL APPARATUS AND SYSTEMS, SWITCH GEAR, SWITCHES, CIRCUIT BREAKERS, AND PARTS THEREOF. ALLIS-CHALMERS MANUFACTURING COMPANY, Milwaukee and West Allis, Wis.
Filed November 23, 1926. Serial No. 240,471. PUBLISHED JANUARY 4, 1927.

225,563. GARMENT POCKETS. WILLIAM ALSBERG & COMPANY, INC., New York, N. Y.
Filed November 23, 1926. Serial No. 240,470. PUBLISHED JANUARY 4, 1927.

225,564. MEDICINAL SALVE FOR THE REMEDIAL TREATMENT OF PILES, BURNS, RINGWORMS, CUTS, BOILS, AND ULCERATED AND RUNNING SORES. JOHN REUTER, St. Louis, Mo.
Filed November 22, 1926. Serial No. 240,442. PUBLISHED JANUARY 11, 1927.

225,565. METAL CASTINGS MADE OF AN IRON MIXTURE OR ALLOY. PACIFIC FOUNDRY COMPANY, San Francisco, Calif.
Filed November 22, 1926. Serial No. 240,438. PUBLISHED JANUARY 4, 1927.

225,566. HAIR TONIC. HERBERT E. MUNRO, doing business as Banner Manufacturing Company, Detroit, Mich.
Filed November 22, 1926. Serial No. 240,429. PUBLISHED JANUARY 4, 1927.

225,567. HOROLOGICAL INSTRUMENTS CONSISTING OF WATCHES. FRANKLIN SIMON & CO. INC., New York, N. Y.
Filed November 22, 1926. Serial No. 240,411. PUBLISHED JANUARY 11, 1927.

225,568. READY-MIXED PAINTS, VARNISHES, PAINT ENAMELS, PREPARED SHELLACS, AND STAINS. AL S. EISENBEIN, doing business as Sunlight Paint Products, Brooklyn, N. Y.
Filed November 20, 1926. Serial No. 240,349. PUBLISHED DECEMBER 28, 1926.

225,569. HOSIERY. ABE HERSKOWITZ, Oklahoma City, Okla.
Filed November 20, 1926. Serial No. 240,853. PUBLISHED JANUARY 11, 1927.

225,570. TOILET ARTICLES, PREPARATIONS, AND PRODUCTS—NAMELY, ROUGE, FACIAL PREPARATIONS AND BLEACHES, PREPARATIONS AND TONICS FOR THE HAIR, COMPACTS, TOILET AND FACE CREAMS, TOILET AND FACE POWDERS, EYELASH PREPARATIONS, NAIL POLISH, TOILET WATER, DEPILATORIES, BATH SALTS, SACHETS, AND PERFUMES. BENJAMIN ANSBEL, doing business as Benjamin Leland & Company, St. Louis, Mo.
Filed November 22, 1926. Serial No. 240,393. PUBLISHED JANUARY 11, 1927.

225,571. A-BATTERY ELIMINATORS. THE DAVY ELECTRICAL CORPORATION, Brooklyn, N. Y.
Filed November 20, 1926. Serial No. 240,344. PUBLISHED JANUARY 4, 1927.

225,572. HANDKERCHIEFS. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa.
Filed November 18, 1926. Serial No. 240,282. PUBLISHED JANUARY 11, 1927.

225,573. DRY-CLEANING PREPARATIONS. AUCLAIRE CHEMICAL COMPANY, Wapakoneta, Ohio.
Filed November 19, 1926. Serial No. 240,289. PUBLISHED JANUARY 4, 1927.

225,574. NURSES', MAIDS', AND WAITRESSES' UNIFORMS AND APRONS AND DRESSES FOR WOMEN. M. D. MIRSKY & Co. INC., New York, N. Y.
Filed November 19, 1926. Serial No. 240,314. PUBLISHED JANUARY 11, 1927.

225,575. METALLIC POLISHING AND BURNISHING MATERIAL. HERMAN LEROY BEAVER, Philadelphia, Pa.
Filed November 20, 1926. Serial No. 240,336. PUBLISHED JANUARY 4, 1927.

225,576. COTTON PIECE GOODS, BOTH BLEACHED AND UNBLEACHED. J. C. PENNEY COMPANY, Wilmington, Del. and New York, N. Y.
Filed December 1, 1926. Serial No. 240,828. PUBLISHED JANUARY 4, 1927.

225,577. MEDICINAL OR PHARMACEUTICAL PREPARATIONS—NAMELY, A LAXATIVE FOR INTERNAL USE AS AN ANTIRHEUMATIC, A RESPIRATORY ANTISEPTIC FOR USE AS AN EXPECTORANT AND DEMULCENT, A LAXATIVE FOR INTERNAL USE AS AN ELIMINANT, AN ANTISEPTIC FOR EXTERNAL USE UPON THE MUCOUS MEMBRANES AS A GERMICIDE; A PURGATIVE AND CATHARTIC FOR INTERNAL USE AS AN ELIMINANT; A TONIC FOR INTERNAL USE AS A STIMULANT OF THE DIGESTIVE ORGANS. WM. WEINAR, doing business as The Jupiter Remedy Co., New York, N. Y.
Filed March 31, 1926. Serial No. 229,483. PUBLISHED JANUARY 4, 1927.

225,578. WAVING MACHINES AND EQUIPMENT FOR PERMANENT HAIR WAVING MACHINES, SUCH AS CURLER RODS, PADS, SHIELDS, AND TUBES. THE S. LEMUR COMPANY, Cleveland, Ohio.
Filed March 11, 1926. Serial No. 228,474. PUBLISHED JANUARY 4, 1927.

225,579. ELECTRIC SIGNAL LAMPS FOR AUTOMOTIVE VEHICLES. OLIVER C. RITZ WOLLER, doing business as American Automatic Devices Company, Chicago, Ill.
Filed February 15, 1926. Serial No. 227,333. PUBLISHED JULY 20, 1926.

225,580. LUBRICATING OILS AND GREASES. PENNANT OIL & GREASE CO., Los Angeles, Calif.
Filed January 20, 1926. Serial No. 226,157. PUBLISHED JUNE 8, 1926.

225,581. COMPOSITION BOARD AND/OR PAPER COMPOSED OF VARIOUS MATERIALS PRESSED INTO SHAPE FOR THE PURPOSE OF ELECTRICAL INSULATION. THE STEVENS PAPER MILLS, INC., Windsor, Conn.
Filed December 8, 1925. Serial No. 224,435. PUBLISHED MARCH 30, 1926.

225,582. RADIO RECEIVING SETS. THE IMPERIAL MERCHANDISE COMPANY, Perry, Ohio.
Filed November 12, 1925. Serial No. 223,173. PUBLISHED JANUARY 4, 1927.

225,583. PRINTING PAPER. THE CHAMPION COATED PAPER COMPANY, Hamilton, Ohio.
Filed November 5, 1925. Serial No. 222,823. PUBLISHED JANUARY 4, 1927.

225,584. ELECTRICAL LAMPS FOR AUTOMOBILES. THE GUIDE MOTOR LAMP MANUFACTURING COMPANY, Cleveland, Ohio.
Filed October 22, 1925. Serial No. 222,117. PUBLISHED JANUARY 4, 1927.

225,585. ELECTRICAL LAMPS FOR AUTOMOBILES. THE GUIDE MOTOR LAMP MANUFACTURING COMPANY, Cleveland, Ohio.
Filed October 22, 1925. Serial No. 222,116. PUBLISHED JANUARY 4, 1927.

225,586. ELECTRICAL LAMPS FOR AUTOMOBILES. THE GUIDE MOTOR LAMP MANUFACTURING COMPANY, Cleveland, Ohio.
Filed October 22, 1925. Serial No. 222,115. PUBLISHED JANUARY 4, 1927.

225,587. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. JOHN F. MURPHY, doing business as Curran & Joyce Company, Lawrence, Mass.
Filed October 2, 1925. Serial No. 221,135. PUBLISHED JANUARY 4, 1927.

225,588. RESISTANCE ELEMENTS—NAMELY, PLATE RESISTANCES, GRID LEAKS, AND GRID RESISTANCES. THE PILOT ELECTRIC MANUFACTURING COMPANY, INC., Brooklyn, N. Y.
Filed August 12, 1925. Serial No. 218,774. PUBLISHED JANUARY 19, 1926.

225,589. EMULSIVE OIL USED FOR CUTTING, LUBRICATING, AND MIXING WITH WATER. BAYERSON OIL WORKS, Erie, Pa.
Filed August 11, 1925. Serial No. 218,684. PUBLISHED MARCH 23, 1926.

225,590. LACQUER. THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y.
Filed June 17, 1925. Serial No. 215,903. PUBLISHED MAY 18, 1926.

225,591. GASOLINE. SHERWOOD BROS. INC., Baltimore, Md.
Filed June 8, 1925. Serial No. 215,276. PUBLISHED SEPTEMBER 22, 1925.

225,592. PAINT ENAMELS, PAINT AND VARNISH THINNERS, AND LACQUERS. ACME WHITE LEAD & COLOR WORKS, Hamtramck, Mich.
Filed May 4, 1925. Serial No. 213,759. PUBLISHED MARCH 2, 1926.

225,593. LUBRICATING OILS. RICHFIELD OIL COMPANY, Los Angeles, Calif.
Filed March 25, 1925. Serial No. 211,623. PUBLISHED JUNE 29, 1926.

225,594. CANNED OLIVES, CANNED WHITE-MEAT TUNNY, JAMS, JELLIES, CANNED VEGETABLES, AND HONEY. SAFEWAY STORES, INCORPORATED, Los Angeles, Calif.
Filed March 24, 1925. Serial No. 211,547. PUBLISHED JANUARY 4, 1927.

225,595. PILLS FOR CONSTIPATION. JOSEPH F. HREJSA, Chicago, Ill.
Filed March 16, 1925. Serial No. 211,105. PUBLISHED OCTOBER 27, 1925.

225,596. LUBRICATING OILS AND GREASES. O'NEIL OIL & PAINT CO., Milwaukee, Wis.
Filed November 22, 1924. Serial No. 205,706. PUBLISHED MAY 25, 1926.

225,597. CANNED SARDINES. ANGUS WATSON & COMPANY LIMITED, Newcastle-on-Tyne, England, assignor to Angus Watson & Co., America, Limited, San Francisco, Calif., a Corporation of California.
Filed June 10, 1926. Serial No. 233,045. PUBLISHED JANUARY 18, 1927.

225,598. MONTHLY PUBLICATION AND HOUSE ORGAN. FRANKLIN SIMON & CO. INC., New York, N. Y.
Filed August 14, 1926. Serial No. 235,947. PUBLISHED JANUARY 4, 1927.

225,599. CIGARS, CIGARETTES, SMOKING TOBACCO, CHEWING TOBACCO, AND SNUFF. GENERALDIREKTION DER OSTERR. TABAKREGIE, Vienna, Austria.
Filed July 20, 1926. Serial No. 234,779. PUBLISHED JANUARY 4, 1927.

225,600. REFINED, SEMIREFINED, AND UNREFINED OILS MADE FROM PETROLEUM, BOTH WITH AND WITHOUT ADMIXTURE OF ANIMAL, VEGETABLE, OR MINERAL OILS, FOR ILLUMINATING, BURNING, POWER, FUEL, AND LUBRICATING PURPOSES, AND LUBRICATING GREASES. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J.
Filed July 19, 1926. Serial No. 234,749. PUBLISHED JANUARY 4, 1927.

225,601. HAIR POWDER, FACE POWDER, BODY POWDER, AND TOILET CREAM. PALLABONA-GESELLSCHAFT PAUL WEIDENSCHAFF, Munich, Germany.
Filed July 7, 1926. Serial No. 234,277. PUBLISHED JANUARY 4, 1927.

225,602. PREPARATION FOR COUGHS, COLDS, AND ALL BRONCHIAL AFFECTIONS. ROY DAYTON COULSON, Seminary Hill, Tex.
Filed July 6, 1926. Serial No. 234,197. PUBLISHED JANUARY 4, 1927.

225,603. BUNION PLASTERS, CORN PLASTERS, CALLUS PLASTERS, AND FOOT POWDERS. JIFFY REMEDIES COMPANY, Chicago, Ill.
Filed June 26, 1926. Serial No. 233,777. PUBLISHED NOVEMBER 16, 1926.

225,604. MEDICINAL PRODUCT FOR THE TREATMENT OF SCROFULA, LYMPHOMATOSIS, ARTICULAR AND MUSCULAR RHEUMATISM, SUBACUTE AND CHRONIC; URIC DIATHESE, RICKETS, TUBERCULOSIS OF THE BONES AND OF THE GLANDS, ARTERIO-SCLEROSIS, MALARIA, CARDIAC AFFECTIONS AND ORGANIC DECLINE. SOCIETÀ ANONIMA PRODOTTI FARMACEUTICI SPECIALIZZATI DOTT. M. CALOSI & FIGLIO, Florence, Italy.
Filed June 15, 1926. Serial No. 233,285. PUBLISHED JANUARY 4, 1927.

225,605. ELECTRICAL APPARATUS, MORE PARTICULARLY FOR COILS FOR RADIO APPARATUS ADAPTED FOR RADIO RECEPTION. PACENT ELECTRIC COMPANY, INC., New York, N. Y.
Filed June 9, 1926. Serial No. 232,935. PUBLISHED JANUARY 4, 1927.

225,606. BLANK FORMS. CREDIT RELIEF CORPORATION, Charlottesville, Va.
Filed May 18, 1926. Serial No. 231,790. PUBLISHED JANUARY 4, 1927.

225,607. LEAD PENCILS. EAGLE PENCIL COMPANY, New York, N. Y.
Filed April 7, 1926. Serial No. 229,782. PUBLISHED JANUARY 4, 1927.

225,608. IRON PAINT, ROOFING PAINT, PAINT THINNER, STACK PAINT, PIPE PAINT, AND PAINT FOR INDUSTRIAL USE FOR COVERING METALLIC SURFACES. THE IRONSIDES COMPANY, Columbus, Ohio.
Filed November 27, 1926. Serial No. 240,657. PUBLISHED JANUARY 4, 1927.

225,609. RICE. MERMENTAU RICE MILL CO., INC., Mermentau, La.
Filed November 6, 1926. Serial No. 239,768. PUBLISHED DECEMBER 28, 1926.

225,610. DRY-CLEANING FLUID. NOSTANS PRODUCTS COMPANY, Brooklyn, N. Y.
Filed November 4, 1926. Serial No. 239,671. PUBLISHED JANUARY 4, 1927.

225,611. ELECTROLYSIS OUTFITS, ELECTRICAL MASSAGE VIBRATORS, ELECTRIC AIR DOUCHES, AND ELECTRIC RADIANT-HEAT LAMPS FOR SURGICAL AND CURATIVE PURPOSES. I. CALVETE, LIMITED, London, England.
Filed November 2, 1926. Serial No. 239,572. PUBLISHED JANUARY 4, 1927.

225,612. WHEAT FLOUR. CLABO MILLING COMPANY, Minneapolis, Minn.
Filed November 1, 1926. Serial No. 239,509. PUBLISHED DECEMBER 28, 1926.

225,613. PERFUMERY. THE HAWIN COMPANY, Brooklyn, N. Y.
Filed October 30, 1926. Serial No. 239,473. PUBLISHED JANUARY 4, 1927.

225,614. REFRACTORY PAINTS USED FOR COATING REFRACTORY MATERIALS IN THE FORM OF MINERAL CRYSTALS CARRIED IN SUSPENSION IN WATER GLASS OR THE LIKE. THE VITREFRAX COMPANY, Los Angeles, Calif.
Filed March 11, 1926. Serial No. 228,512. PUBLISHED DECEMBER 28, 1926.

225,615. TOILET AND MANICURE SETS MADE FROM BASE MATERIAL SUCH AS CELLULOID, WOOD PULP, ETC. S. LANGSDORF & CO. INC., New York, N. Y.
Filed March 10, 1926. Serial No. 228,430. PUBLISHED JANUARY 4, 1927.

225,616. UPHOLSTERY TEXTILE FABRICS. ARTLOOM CORPORATION, Philadelphia, Pa.
Filed February 24, 1926. Serial No. 227,710. PUBLISHED JANUARY 4, 1927.

225,617. PAPER ENVELOPES AND BAGS FOR MERCHANDISE. WOLF BROTHERS, Philadelphia, Pa.
Filed February 17, 1926. Serial No. 227,431. PUBLISHED JANUARY 11, 1927.

225,618. ELECTRICALLY-HEATED COFFEE BOILERS AND ELECTRICAL HEATING RESISTANCES AND SAFETY VALVES USED IN CONNECTION THEREWITH. ANGELO TORRIANI, Pavia, Italy.
Filed February 12, 1926. Serial No. 227,281. PUBLISHED JANUARY 11, 1927.

225,619. ELECTRIC HEATERS, ELECTRIC VAPORIZERS, AND ELECTRIC FUMERS COMPRISING AN ELECTRIC HEATING ELEMENT ADAPTED TO BE USED TO HEAT FUEL OIL WITHOUT IGNITING SAID OIL AND TO CONVERT THE SAME INTO VAPOR OR FUMES AND TO DISCHARGE SAID VAPOR OR FUMES INTO THE INTAKE MANIFOLD OF AN INTERNAL-COMBUSTION ENGINE AND FOR USE FOR SUCH OTHER PURPOSES AND IN SUCH OTHER PLACES AS MAY FROM TIME TO TIME BE FOUND DESIRABLE. AS-KE FURNER COMPANY, Duluth, Minn.
Filed January 2, 1926. Serial No. 225,897. PUBLISHED JANUARY 11, 1927.

225,620. ARTIFICIAL-SILK PIECE GOODS. DUPLAN SILK CORPORATION, New York, N. Y.
Filed December 8, 1926. Serial No. 241,140. PUBLISHED JANUARY 11, 1927.

225,621. DRESS FABRIC AND LINING MADE OF COTTON AND RAYON SOLD IN THE PIECE. FRED BUTTERFIELD & CO. INC., New York, N. Y.
Filed December 8, 1926. Serial No. 241,132. PUBLISHED JANUARY 11, 1927.

225,622. COTTON PIECE GOODS, BOTH BLEACHED AND UNBLEACHED. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed December 1, 1926. Serial No. 240,830. PUBLISHED JANUARY 4, 1927.

225,623. LUBRICATING OILS. PIERCE PETROLEUM CORPORATION, Wilmington, Del., and St. Louis, Mo.
Filed October 22, 1926. Serial No. 239,048. PUBLISHED JANUARY 11, 1927.

225,624. SUITS, OVERCOATS, TROUSERS, AND CAPS FOR MEN AND BELTS FOR PERSONAL WEAR. SCOTCH WOOLEN MILLS, Chicago, Ill.
Filed January 30, 1925. Serial No. 208,874. PUBLISHED APRIL 28, 1925.

225,625. PLAY SUITS. LINDEKE, WARNER & SONS, INCORPORATED, St. Paul, Minn.
Filed July 10, 1925. Serial No. 217,167. PUBLISHED OCTOBER 13, 1925.

225,626. KNIT GOODS—NAMELY, CAPS FOR MEN, WOMEN, AND CHILDREN, SWEATER COATS, SCARFS, LEGGINGS, AND MITTENS. EAGLE KNITTING MILLS, Milwaukee, Wis.
Filed July 29, 1925. Serial No. 218,055. PUBLISHED JUNE 8, 1926.

225,627. READY-MIXED EXTERIOR AND INTERIOR GLOSS WHITE PAINT CONTAINING LITHOPONE AND ZINC OXIDE. ARNESTO PAINT CO. INC., New York, N. Y.
Filed September 24, 1925. Serial No. 220,699. PUBLISHED JANUARY 4, 1927.

225,628. LADIES' HATS. SULTZER-HENDERSON CO. INC., New York, N. Y.
Filed October 23, 1925. Serial No. 222,202. PUBLISHED FEBRUARY 16, 1926.

225,629. HAND BAGS, HATBOXES, SUITCASES, FITTED AND UNFITTED LEATHER VANITY CASES, POCKETBOOKS, LEATHER DRESSING ROLLS, PORTFOLIOS, WALLETS AND CASES, AND KEY HOLDERS. BEST & CO., INC., New York, N. Y.
Filed November 14, 1925. Under section 5b of the act of 1905 as amended in 1920. Serial No. 223,276. PUBLISHED JANUARY 4, 1927.

225,630. WOVEN BEDSPREAD, CURTAIN, DRAPERY, AND UPHOLSTERY FABRICS OF SILK, ARTIFICIAL SILK, COTTON, AND WOOL AND COMBINATIONS THEREOF IN THE PIECE. A. W. BAYLIS CO., New York, N. Y.
Filed February 3, 1926. Serial No. 226,799. PUBLISHED APRIL 13, 1926.

225,631. HOSIERY. DAVENPORT HOSIERY MILLS, Chattanooga, Tenn.
Filed February 20, 1926. Serial No. 227,569. PUBLISHED MARCH 30, 1926.

225,632. ARTIFICIAL-HAIR-BASE BRAIDS. M. W. AMBERG & CO., INC., New York, N. Y.
Filed October 9, 1925. Serial No. 221,471. PUBLISHED JANUARY 4, 1927.

225,633. ARTIFICIAL-HAIR-BASE BRAIDS. M. W. AMBERG & CO. INC., New York, N. Y.
Filed October 9, 1925. Serial No. 221,472. PUBLISHED JANUARY 4, 1927.

225,634. ENTERIC-COATED PILLS FOR GALL-BLADDER VISUALIZATION. DAVIES, ROSE & CO., LTD., Boston, Mass.
Filed November 10, 1925. Serial No. 223,085. PUBLISHED JANUARY 4, 1927.

225,635. CORSETS, CORSETLETS, CORSET WAISTS, BELTS FOR PERSONAL WEAR, BRASSIÈRES, GIRDLES, BANDEAUX, AND ALL KINDS OF GARMENTS AND COMBINATION GARMENTS FOR LADIES' UNDERWEAR OF TEXTILE FABRIC. THE STANDARD CORSET COMPANY, New York, N. Y.
Filed November 11, 1925. Serial No. 223,145. PUBLISHED JANUARY 11, 1927.

225,636. RADIO RECEIVING SETS. THE IMPERIAL MERCHANDISE COMPANY, Perry, Ohio.
Filed November 12, 1925. Serial No. 223,171. PUBLISHED JANUARY 4, 1927.

225,637. RADIO VACUUM TUBES. IMPERIAL MERCHANDISE CO., Perry, Ohio.
Filed November 12, 1925. Serial No. 223,172. PUBLISHED JANUARY 4, 1927.

225,638. SWITCH PLATES. HARVEY M. BROWN, Philadelphia, Pa.
Filed November 17, 1925. Serial No. 223,430. PUBLISHED JANUARY 11, 1927.

225,639. GLOVES MADE OF RUBBERIZED FABRIC. THE MASTER CORD BELT COMPANY, Denver Colo.
Filed November 24, 1925. Serial No. 223,794. PUBLISHED JANUARY 11, 1927.

225,640. CONFECTIONERY, PARTICULARLY CHOCOLATES. WILLARD'S CHOCOLATES LIMITED, Toronto, Ontario, Canada.
Filed October 8, 1925. Serial No. 221,467. PUBLISHED JANUARY 11, 1927.

225,641. SPRAY GUNS. HAYES PUMP & PLANTER COMPANY, Galva, Ill.
Filed September 25, 1925. Serial No. 220,775. PUBLISHED JANUARY 11, 1927.

225,642. CANNED FISH; SPECIFICALLY, CANNED SARDINES. SEACOAST CANNING COMPANY, Eastport, Me.
Filed September 3, 1925. Serial No. 219,777. PUBLISHED JANUARY 11, 1927.

225,643. A CLEANSER COMPOUND FOR METALS AND THE HUMAN HANDS BY EMULSIFICATION. NATIONAL OIL AND CHEMICAL COMPANY, Philadelphia, Pa.
Filed August 12, 1925. Serial No. 218,770. PUBLISHED DECEMBER 28, 1926.

225,644. COTTON CHIFFON IN THE PIECE. FRED BUTTERFIELD & CO. INC., New York, N. Y.
Filed August 10, 1925. Serial No. 218,598. PUBLISHED JANUARY 4, 1927.

225,645. BIRD CAGES. BING WERKE, VORM. GEBRÜDER BING A. G. NÜRNBERG, Nuremberg, Germany, and New York, N. Y.
Filed March 31, 1925. Serial No. 211,900. PUBLISHED JANUARY 11, 1927.

225,646. ENAMEL WARE COMPRISING CUPS, SAUCERS, PLATES, COOKING UTENSILS, FUNNELS, STRAINERS, BOWLS, COFFEEPOTS, TEAPOTS, BASINS, PITCHERS, AND BREAKFAST SETS FOR CHILDREN. BING WERKE, VORM. GEBRÜDER BING A. G. NÜRNBERG, Nuremberg, Germany, and New York, N. Y.
Filed March 31, 1925. Serial No. 211,894. PUBLISHED JANUARY 11, 1927.

225,647. LIQUID LUBRICANTS. THE VESUVIUS CORPORATION, Los Angeles, Calif.
Filed March 26, 1925. Serial No. 211,725. PUBLISHED JANUARY 11, 1927.

225,648. TOILET PREPARATIONS—VIZ, HAIR DRESSING, FACE POWDER, DENTAL CREAM, COCONUT-OIL SHAMPOO, ALMOND CREAM, EAU DE QUININE HAIR TONIC, AND TALCUM POWDER. NATIONAL DEPARTMENT STORES, INC., New York, N. Y.
Filed July 25, 1924. Serial No. 200,518. PUBLISHED DECEMBER 22, 1925.

225,649. OILS, GREASES, AND WAXES OF ALL KINDS FOR LUBRICATING, ILLUMINATING, HEATING, AND FUEL PURPOSES, ALSO GASOLINE. VACUUM OIL COMPANY, New York, N. Y.
Filed October 29, 1926. Serial No. 239,447. PUBLISHED JANUARY 4, 1927.

225,650. BUTTERINE. WILLIAM J. HIGGINS, doing business as Mayfair Margarin Company, Providence, R. I.
Filed October 22, 1926. Serial No. 239,033. PUBLISHED JANUARY 4, 1927.

225,651. POULTRY AND DAIRY FEED. RUHMANN GRAIN & FUEL COMPANY, Waco, Tex.
Filed October 19, 1926. Serial No. 238,875. PUBLISHED JANUARY 4, 1927.

225,652. WHEAT FLOUR. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn.
Filed October 19, 1926. Serial No. 238,868. PUBLISHED DECEMBER 14, 1926.

225,653. TEXTILE TOWELS. ELY & WALKER DRY GOODS COMPANY, St. Louis, Mo.
Filed November 9, 1926. Serial No. 239,848. PUBLISHED JANUARY 11, 1927.

225,654. CHEESE. GALVANONI & FERRARO CO. INC., New York, N. Y.
Filed November 11, 1926. Serial No. 239,927. PUBLISHED DECEMBER 28, 1926.

225,655. TWINE. A. W. ARCHER CO., INC., New York, N. Y.
Filed November 17, 1926. Serial No. 240,163. PUBLISHED JANUARY 11, 1927.

225,656. OLIVE OIL. FERDINAND GIANFRANCHI, doing business as F. Gianfranchi Company, Boston, Mass.
Filed November 18, 1926. Serial No. 240,252. PUBLISHED JANUARY 11, 1927.

225,657. MENS CLOTHING—NAMELY, SUITS AND OVERCOATS. GILDNER BROTHERS CLOTHING COMPANY, Marshalltown, Iowa.
Filed November 18, 1926. Serial No. 240,254. PUBLISHED JANUARY 11, 1927.

225,658. CANVAS WORK GLOVES. INDIANAPOLIS GLOVE COMPANY, Indianapolis, Ind.
Filed November 20, 1926. Serial No. 240,354. PUBLISHED JANUARY 11, 1927.

225,659. FOOD PRODUCT COMPOSED OF MALT EXTRACT AND CEREALS IN POWDER FORM. SCHREIBER PRODUCTS CORPORATION, Buffalo, N. Y.
Filed November 20, 1926. Serial No. 240,373. PUBLISHED JANUARY 11, 1927.

225,660. BREAD. VAUGHN'S HOME BAKERY, Bay City, Mich.
Filed November 22, 1926. Serial No. 240,463. PUBLISHED JANUARY 4, 1927.

225,661. WOMEN'S LEATHER SHOES. CRISPIN SHOE COMPANY, Haverhill, Mass.
Filed November 23, 1926. Serial No. 240,487. PUBLISHED JANUARY 4, 1927.

225,662. CHEESE. SCHROEDER BROS., New York, N. Y.
Filed November 23, 1926. Serial No. 240,506. PUBLISHED JANUARY 4, 1927.

225,663. SPARKLING WATER. GREAT BEAR SPRING COMPANY, New York, N. Y.
Filed November 24, 1926. Serial No. 240,544. PUBLISHED JANUARY 11, 1927.

225,664. BELTS AND BELTING MADE WHOLLY OR PARTLY OF RUBBER. THE BADGER RUBBER WORKS, Milwaukee and Cudahy, Wis.
Filed November 26, 1926. Serial No. 240,585. PUBLISHED JANUARY 11, 1927.

225,665. PNEUMATIC-TIRE CASINGS MADE WHOLLY OR PARTLY OF RUBBER. THE BADGER RUBBER WORKS, Milwaukee and Cudahy, Wis.
Filed November 26, 1926. Serial No. 240,588. PUBLISHED JANUARY 11, 1927.

225,666. TIRES AND TUBES MADE WHOLLY OR PARTLY OF RUBBER. THE BADGER RUBBER WORKS, Milwaukee and Cudahy, Wis.
Filed November 26, 1926. Serial No. 240,589. PUBLISHED JANUARY 11, 1927.

225,667. PERFUMED TOILET WATERS. PINAUD, INCORPORATED, New York, N. Y.
Filed May 25, 1926. Serial No. 232,217. PUBLISHED AUGUST 10, 1926.

225,668. READY-MIXED HOUSE PAINTS, TURPENTINE, LINSEED OIL, FLOOR PAINT, VARNISHES, PAINT ENAMELS, AND PREPARED SHELLAC. MERRITT SUPPLY CO., Albany, Calif.
Filed June 14, 1926. Serial No. 233,212. PUBLISHED JANUARY 4, 1927.

225,669. CANNED OLIVE OIL. NICOLÒ MUSCO, New York, N. Y.
Filed August 25, 1926. Serial No. 236,431. PUBLISHED DECEMBER 21, 1926.

225,670. ROASTED AND SALTED PEANUTS. PEANUT SPECIALTY CO., Chicago, Ill.
Filed September 8, 1926. Serial No. 236,847. PUBLISHED JANUARY 4, 1927.

225,671. UNDERWEAR AND UNION SUITS OF TEXTILE FABRIC FOR MEN AND CHILDREN. MCLOUGHLIN MANUFACTURING COMPANY, Indianapolis, Ind.
Filed September 7, 1926. Serial No. 236,944. PUBLISHED NOVEMBER 2, 1926.

225,672. MOTOR OILS, LUBRICATING GREASES, GASOLINE, DISTILLATE, KEROSENE, FUEL OIL, AND STOVE OIL. HERCULES GASOLINE CO., Los Angeles, Calif.
Filed September 27, 1926. Serial No. 237,807. PUBLISHED JANUARY 4, 1927.

225,673. PASTES FOR COLORING FOOD PRODUCTS. JOSEPH BURNETT COMPANY, Boston, Mass.
Filed November 4, 1926. Serial No. 239,639. PUBLISHED JANUARY 11, 1927.

225,674. BELTS AND BELTING AND TRANSMISSION DISKS, ALL MADE WHOLLY OR PARTLY OF RUBBER. THE BADGER RUBBER WORKS, Milwaukee and Cudahy, Wis.
Filed November 26, 1926. Serial No. 240,584. PUBLISHED JANUARY 11, 1927.

225,675. MUSICAL INSTRUMENTS — NAMELY, PHONOGRAPHS, UKULELES. MEIER & FRANK COMPANY, Portland, Oreg.
Filed October 14, 1926. Serial No. 238,604. PUBLISHED JANUARY 4, 1927.

225,676. METALLIC SHEET FABRICS HAVING AN ADHESIVE ON ONE SIDE THEREOF AND CAPABLE OF ATTACHMENT TO A SURFACE BY MEANS OF HEAT. MATSUSHITA KOSAI, New York, N. Y.
Filed September 23, 1926. Serial No. 237,606. PUBLISHED DECEMBER 28, 1926.

225,677. ELECTRIC VACUUM CLEANERS AND PARTS THEREOF. ELECTRIC VACUUM CLEANER COMPANY, INC., Cleveland, Ohio.
Filed September 16, 1926. Serial No. 237,317. PUBLISHED JANUARY 4, 1927.

225,678. PIANOS. BASH PIANO CO. INC., Philadelphia, Pa.
Filed September 4, 1926. Serial No. 236,863. PUBLISHED JANUARY 4, 1927.

225,679. REFINED, SEMIREFINED, AND UNREFINED OILS AND GREASES MADE FROM PETROLEUM, BOTH WITH AND WITHOUT ADMIXTURE OF ANIMAL, VEGETABLE, OR MINERAL SUBSTANCES FOR ILLUMINATING, BURNING, POWER, SOLVENT, FUEL, AND LUBRICATING PURPOSES. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J.
Filed February 11, 1926. Serial No. 227,200. PUBLISHED MARCH 30, 1926.

225,680. MASSAGE APPARATUS. CONTOURÉ LABORATORIES, INC., New York, N. Y.
Filed August 27, 1926. Serial No. 236,539. PUBLISHED JANUARY 4, 1927.

225,681. PAINT ENAMELS. ARNESTO PAINT CO. INC., New York, N. Y.
Filed November 4, 1926. Serial No. 239,634. PUBLISHED JANUARY 4, 1927.

225,682. DRY-CELL BATTERIES. THE COMET COMPANY, Cleveland, Ohio.
Filed August 20, 1926. Serial No. 236,195. PUBLISHED JANUARY 4, 1927.

225,683. COLUMNAR FORMS AND COVERS FOR THE SAME. RUDOLPH C. DOMBROW, Riverside, Ill.
Filed November 22, 1926. Serial No. 240,406. PUBLISHED JANUARY 4, 1927.

225,684. DRESS AND NEGLIGEE SHIRTS. CLUETT, PEABODY & CO. INC., Troy, N. Y.
Filed November 8, 1926. Serial No. 239,796. PUBLISHED JANUARY 11, 1927.

225,685. PICKLES AND RIPE OLIVES. ROBERTSON & SUTTON CO., INC., Long Beach, Calif.
Filed November 6, 1926. Serial No. 239,770. PUBLISHED DECEMBER 21, 1926.

225,686. MEN'S AND BOYS' SUITS AND OVERCOATS. GEO. T. KEEN, INC., Washington, D. C.
Filed November 6, 1926. Serial No. 239,735. PUBLISHED JANUARY 11, 1927.

225,687. SHOE SATIN IN THE PIECE. ISRAEL BROCKMAN, doing business as I. Brockman & Co., Boston, Mass.
Filed November 6, 1926. Serial No. 239,736. PUBLISHED JANUARY 11, 1927.

225,688. MUSTARD RELISH, MAYONNAISE, AND THOUSAND ISLAND DRESSING. BEST-MAID FOOD COMPANY, Amarillo, Tex.
Filed October 30, 1926. Serial No. 239,460. PUBLISHED JANUARY 11, 1927.

225,689. VACUUM TUBES AND VALVES. RADIO CORPORATION OF AMERICA, New York, N. Y.
Filed October 28, 1926. Serial No. 239,385. PUBLISHED JANUARY 11, 1927.

225,690. LADIES' TRIMMED HATS. JULIUS BLOOMFIELD, doing business as J. Bloomfield Co., New York, N. Y.
Filed November 26, 1926. Serial No. 240,591. PUBLISHED JANUARY 4, 1927.

225,691. IRON PAINT, ROOFING PAINT, PAINT THINNER, STACK PAINT, PIPE PAINT, AND PAINT FOR INDUSTRIAL USE FOR COVERING METALLIC SURFACES. THE IRONSIDES COMPANY, Columbus, Ohio.
Filed November 27, 1926. Serial No. 240,656. PUBLISHED JANUARY 4, 1927.

225,692. TENNIS RACKETS. A. G. SPALDING & BROS., New York, N. Y.
Filed November 29, 1926. Serial No. 240,751. PUBLISHED JANUARY 11, 1927.

225,693. LEATHER BELTING. FRANK W. MCLANATHAN, doing business as F. W. McLanathan & Son, Lawrence, Mass.
Filed December 1, 1926. Serial No. 240,828. PUBLISHED JANUARY 11, 1927.

225,694. ICE SKATES. DAVEGA, INC., New York, N. Y.
Filed December 4, 1926. Serial No. 240,961. PUBLISHED JANUARY 11, 1927.

225,695. CIGARETTE CASES, POUCHES, CIGAR CASES, AND HUMIDORS. ARMIN DEGENER, INC., New York, N. Y.
Filed December 6, 1926. Serial No. 241,037. PUBLISHED JANUARY 11, 1927.

225,696. SOLID LEATHER TAP SOLES AND HALF SOLES. PENN LEATHER COMPANY, Philadelphia, Pa.
Filed February 20, 1926. Serial No. 227,598. PUBLISHED JUNE 22, 1926.

225,697. SHOPPING BAGS MADE OF FABRIC, LEATHER, PAPER, AND/OR RUBBER; HAND BAGS OF FABRIC, LEATHER, PAPER, AND/OR RUBBER; BATHING-SUIT BAGS MADE OF FABRIC, LEATHER, PAPER, AND/OR RUBBER; VALISES, AND TRUNKS. MAX POMERANZ, doing business as Royal Specialty Hat & Bag Co., New York, N. Y.
Filed March 3, 1926. Serial No. 228,067. PUBLISHED JANUARY 4, 1927.

225,698. COMBS EXCEPT COMBS MADE OF PRECIOUS METAL. DR. HEINR. TRAUN & SÖHNE, VORMALS HARBURGER GUMMI-KAMM-COMPAGNIE, Hamburg, Germany.
Filed April 13, 1926. Serial No. 230,136. PUBLISHED AUGUST 10, 1926.

225,699. SUITS, TROUSERS, VESTS, COATS, AND JACKETS FOR MEN, BOYS, AND CHILDREN. KNICKERBOCKER CLOTHING COMPANY, St. Louis, Mo.
Filed April 19, 1926. Serial No. 230,469. PUBLISHED DECEMBER 28, 1926.

225,700. MEN'S AND WOMEN'S WASHABLE OR CLEANABLE APPAREL AND UNIFORMS. ANGELICA JACKET COMPANY, St. Louis, Mo.
Filed September 7, 1926. Serial No. 236,902. PUBLISHED JANUARY 11, 1927.

225,701. CANDY, CRYSTALLIZED GINGER, PRESERVED GINGER, OLIVES, PRESERVED FIGS, CAPERS, GLACÉ FRUITS, CANDIED CITRON, LEMON PEEL, AND ORANGE PEEL. R. U. DELAPENHA & CO., INC., New York, N. Y.
Filed June 5, 1926. Serial No. 232,762. PUBLISHED JANUARY 11, 1927.

225,702. CHEESE. ANONA CHEESE COMPANY, Appleton, Wis.
Filed May 26, 1926. Serial No. 232,241. PUBLISHED DECEMBER 28, 1926.

225,703. DRESS SHIELDS; COMBS COMPOSED OF HARD RUBBER, CELLULOID, AND SIMILAR MATERIALS; MANICURE SETS NOT MADE OF PRECIOUS METAL CONSISTING OF COMBS, BUTTONHOOKS, SHOEHORNS, AND FILES. ALBERT J. CLARK, doing business as Clark's Dollar Stores, Los Angeles, Calif.
Filed January 30, 1926. Serial No. 226,635. PUBLISHED JANUARY 11, 1927.

225,704. PREPARED COCONUT. FRANKLIN BAKER COMPANY, Hoboken, N. J.
Filed November 17, 1925. Serial No. 223,434. PUBLISHED JANUARY 11, 1927.

225,705. PRESERVED CANNED FOOD PRODUCTS—NAMELY, CONCENTRATED TOMATO SAUCE, PEELED TOMATOES, CONCENTRATED GRAPES, PRESERVED FRENCH BEANS, GREEN PEAS, AND ARTICHOKES. SALVATORE APICELLA & C., Naples, Italy.
Filed July 29, 1925. Serial No. 218,039. PUBLISHED JANUARY 11, 1927.

225,706. COFFEE, MUSTARD, MINCEMEAT, COCOA, SPICES, MACARONI, VINEGAR, AND POTTED MEATS. M. LIVINGSTON & COMPANY, INCORPORATED, Paducah, Hickman, Fulton, Ky.; and Paris, Tenn.
Filed May 12, 1925. Serial No. 214,208. PUBLISHED JANUARY 11, 1927.

225,707. TEA, COFFEE, BREAD, CANNED FRUITS, AND CANNED VEGETABLES. NATIONAL STORES CORPORATION, Trenton, N. J.
Filed November 7, 1924. Serial No. 204,974. PUBLISHED JANUARY 11, 1927.

225,708. CORSETS, CORSELETS, AND GIRDLES. THE VAN ORDEN SHOP INC., New York, N. Y.
Filed August 25, 1926. Serial No. 236,457. PUBLISHED JANUARY 11, 1927.

225,709. EVAPORATED MILK. ROWLAND B. PAGE, doing business as Page Milk Company, Merrill, Wis.
Filed August 26, 1926. Serial No. 236,497. PUBLISHED JANUARY 4, 1927.

225,710. LADIES' AND CHILDREN'S DRESSES; LADIES' AND CHILDREN'S SPORT SHIRTS, VESTEES AND VESTS, BLOUSES, MIDDIES, KNICKERS, SKIRTS, LUMBERJACKS, GYMNASIUM BLOOMERS, TUXEDOS, AND RUNNING PANTS. STRAUS, ROYER & STRASS, INC., Baltimore, Md.
Filed August 26, 1926. Serial No. 236,512. PUBLISHED DECEMBER 28, 1926.

225,711. CANNED VEGETABLES, CANNED FRUIT, DRIED FRUIT, CANNED SALMON, CANNED HOMINY, ETC. KANSAS CITY WHOLESALE GROCERY CO., Kansas City, Mo.
Filed August 28, 1926. Serial No. 236,611. PUBLISHED JANUARY 11, 1927.

225,712. MILLWORK. SIMONS MILLWORK, INC., Minneapolis, Minn.
Filed August 30, 1926. Serial No. 236,659. PUBLISHED JANUARY 4, 1927.

225,713. LADIES' HATS. SAMUEL OSTROW, doing business as S. Ostrow Co., New York, N. Y.
Filed August 30, 1926. Serial No. 236,706. PUBLISHED JANUARY 11, 1927.

225,714. FABRIC GLOVES AND MITTENS. THE BOSS MANUFACTURING COMPANY, Kewanee, Ill.
Filed September 2, 1926. Serial No. 236,795. PUBLISHED JANUARY 11, 1927.

225,715. TEXTILE TEA TOWELS FOR WIPING DISHES AND GLASSWARE AND POLISHING THE LATTER. SPOKANE TOILET SUPPLY CO., Spokane, Wash.
Filed September 2, 1926. Serial No. 236,816. PUBLISHED JANUARY 4, 1927.

225,716. COATING AND COVERING MATERIALS OF A CEMENTITIOUS NATURE. SOLIDIFIER CORPORATION, Philadelphia, Pa.
Filed October 27, 1926. Serial No. 239,328. PUBLISHED DECEMBER 28, 1926.

225,717. LOTION FOR ULCERS, ECZEMA, ERYTHEMA, MULTIFORMI, OMPETIGO, CURTAGIOSA, PUSTULES, ACNE, FISTULAS, CUTS, OLD SORES, AND OTHER SKIN DISEASES. VINCENTO SAPORITO, doing business as Saporito Company, Brooklyn, N. Y.
Filed November 18, 1926. Serial No. 240,277. PUBLISHED JANUARY 11, 1927.

225,718. BRASSIÈRES. HATTIE F. VOLK, New York, N. Y.
Filed November 17, 1926. Serial No. 240,230. PUBLISHED JANUARY 11, 1927.

225,719. WOMEN'S HATS, WOMEN'S AND CHILDREN'S HOSIERY, WOMEN'S AND CHILDREN'S UNDERWEAR OF KNITTED, NETTED, AND TEXTILE FABRICS. THE STROUSS-HIRSHBERG CO., Youngstown, Ohio.
Filed November 1, 1926. Serial No. 239,547. PUBLISHED JANUARY 11, 1927.

225,720. UNCUT GRANITE. COLD SPRING GRANITE CO., Cold Spring, Minn.
Filed November 2, 1926. Serial No. 239,574. PUBLISHED JANUARY 4, 1927.

225,721. FLOOR MATS FOR THE BATH FORMED OF ABSORBENT FABRIC AND CAPABLE OF BEING ATTACHED TO THE FEET. TOMA L. LANE, New York, N. Y.
Filed November 2, 1926. Serial No. 239,588. PUBLISHED JANUARY 4, 1927.

225,722. FLOOR COVERINGS AND RUGS HAVING A FELT BASE. THE COTT-A-LAP COMPANY, Somerville, N. J.
Filed November 4, 1926. Serial No. 239,640. PUBLISHED JANUARY 11, 1927.

225,723. FLOOR COVERINGS AND RUGS HAVING A FELT BASE. THE COTT-A-LAP COMPANY, Somerville, N. J.
Filed November 4, 1926. Serial No. 239,641. PUBLISHED JANUARY 11, 1927.

225,724. WOVEN RUGS AND FLOOR COVERINGS. THOMAS DEVELON, Jr., Philadelphia, Pa.
Filed November 4, 1926. Serial No. 239,643. PUBLISHED JANUARY 11, 1927.

225,725. MEN'S SWEATERS, HATS, CAPS, NECKTIES; DRESS, NEGLIGEE, AND UNDER SHIRTS OF KNITTED AND TEXTILE FABRIC; STOCKINGS, SOCKS; BOOTS AND SHOES OF LEATHER, RUBBER, AND FABRIC AND COMBINATIONS THEREOF; UNDERWEAR OF KNITTED AND TEXTILE FABRIC, PYJAMAS, NIGHTSHIRTS, BATH ROBES, SMOKING JACKETS, AND HOUSE GOWNS. UNION CLOTHING CO., Rochester, N. Y.
Filed October 27, 1926. Serial No. 239,336. PUBLISHED JANUARY 4, 1927.

225,726. COLLOIDAL PREPARATIONS OF SILVER, COPPER, MERCURY, ARSENIC, AND BISMUTH FOR PHARMACEUTICAL USE. EUGÈNE HYACINTHE FOUARD, Vincennes, France.
Filed December 1, 1925. Serial No. 224,184. PUBLISHED JANUARY 11, 1927.

225,727. CHILDREN'S WEAR—NAMELY, PLAY SUITS AND OVERALLS. ELIN AND GOLUB, Chicago, Ill., and Albion, Ind.
Filed December 7, 1925. Serial No. 224,325. PUBLISHED JANUARY 4, 1927.

225,728. NARROW ELASTIC TAPE SOLD BY THE YARD. SOUTHERN WEBBING MILLS, INC., Greensboro, N. C.
Filed December 17, 1925. Serial No. 224,842. PUBLISHED JANUARY 4, 1927.

225,729. BRASSIÈRES AND BRASSIÈRE-CORSET. BELFIT BRASSIERE CO., INC., Brooklyn, N. Y.
Filed June 20, 1924. Serial No. 198,835. PUBLISHED JANUARY 27, 1925.

225,730. BREAD AND CAKE. THE CORBY BAKING CO. INC., Washington, D. C., assignor to The Corby Baking Company, Inc., Alexandria, Va., a Corporation of Virginia.
Filed June 23, 1924. Serial No. 198,987. PUBLISHED MAY 19, 1925.

225,731. SHOES MADE OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS OF THE SAME AND ALSO OF VARIOUS COMPOSITIONS IN PART AND AS A WHOLE. NU-WAY SHOE CO., New York, N. Y.
Filed October 15, 1924. Serial No. 203,891. PUBLISHED MAY 18, 1926.

225,732. COTTON PIECE GOODS—NAMELY, POCKETING MATERIAL. TURELL AND FRIEDMAN, New York, N. Y.
Filed October 17, 1924. Serial No. 204,067. PUBLISHED JANUARY 4, 1927.

225,733. COTTON PIECE GOODS—NAMELY, POCKETING MATERIAL. TURELL AND FRIEDMAN, New York, N. Y.
Filed October 17, 1924. Serial No. 204,068. PUBLISHED JANUARY 4, 1927.

225,734. COTTON PIECE GOODS—NAMELY, POCKETING MATERIAL. TURELL AND FRIEDMAN, New York, N. Y.
Filed October 17, 1924. Serial No. 204,069. PUBLISHED JANUARY 4, 1927.

225,735. COTTON PIECE GOODS—NAMELY, POCKETING MATERIAL. TURELL AND FRIEDMAN, New York, N. Y.
Filed October 17, 1924. Serial No. 204,071. PUBLISHED JANUARY 4, 1927.

225,736. COTTON PIECE GOODS—NAMELY, POCKETING MATERIAL. TURELL AND FRIEDMAN, New York, N. Y.
Filed October 17, 1924. Serial No. 204,072. PUBLISHED JANUARY 4, 1927.

225,737. AUTOMOBILE BATTERY TERMINAL CLAMPS. GEORGE B. KEARNS, Chicago, Ill.
Filed October 31, 1924. Serial No. 204,663. PUBLISHED JANUARY 4, 1927.

225,738. SPAGHETTI, MACARONI, AND EGG NOODLES. JOLIET MACARONI COMPANY, Joliet, Ill.
Filed October 16, 1926. Serial No. 238,725. PUBLISHED JANUARY 11, 1927.

225,739. MACKINTOSHES, WATERPROOF COATS, CLOAKS, CAPES, AND SUITS, ALL FOR LADIES, GIRLS', MEN, AND BOYS. H. E. MILLS LIMITED, London, England.
Filed October 16, 1926. Serial No. 238,730. PUBLISHED JANUARY 11, 1927.

225,740. MOTOR OILS. TEXAS PACIFIC COAL & OIL COMPANY, Fort Worth, Tex.
Filed October 16, 1926. Serial No. 238,752. PUBLISHED JANUARY 4, 1927.

225,741. MEDICINES IN ELASTIC CAPSULE FORM—NAMELY, BLAUD COMPOUND AND SUMBUL COMPOUND TO BE TAKEN INTERNALLY AND USED RESPECTIVELY IN THE TREATMENT OF SECONDARY ANÆMIA, POST-OPERATION CONDITIONS, AND CONVALESCENCE AFTER LONG ILLNESS AND AS A SEDATIVE AND ANTISPASMODIC IN THE TREATMENT OF HYSTERIA AND NERVOUS AFFECTIONS. HORACE G. DODD, doing business as Eastern Pharmaceutical Co., Richmond, Va.
Filed October 18, 1926. Serial No. 238,778. PUBLISHED JANUARY 4, 1927.

225,742. THROAT GARGLE AND SPRAY. THOMAS W. KING, doing business as Doctor King, Lamoni, Iowa.
Filed October 18, 1926. Serial No. 238,793. PUBLISHED JANUARY 11, 1927.

225,743. AUTOMOBILE HEATERS. REGNAR KIDDE, Chappaqua, N. Y.
Filed June 2, 1926. Serial No. 232,615. PUBLISHED JANUARY 11, 1927.

225,744. COTTON GOODS IN THE PIECE. M. J. MACK CO., INC., New York, N. Y.
Filed June 4, 1926. Serial No. 232,734. PUBLISHED JANUARY 4, 1927.

225,745. HAND SEWING NEEDLES, CREWEL NEEDLES, TASSELS, GLASS AND METAL BEADS NOT IN THE NATURE OF JEWELRY, BAG FRAMES NOT MADE OF PRECIOUS METAL, PINCUSHIONS; SEWING SETS COMPRISING A CABINET, THREAD, NEEDLES, SCISSORS, PINCUSHION, AND THIMBLE; AND UNMOUNTED BEADED HAND BAGS. ROYAL IMPORTING COMPANY, New York, N. Y.
Filed June 9, 1926. Serial No. 232,947. PUBLISHED DECEMBER 28, 1926.

225,746. MEN'S WEARING APPAREL—VIZ, OVERCOATS, SUITS, SILK AND KNITTED NECKTIES AND MUFFLERS, ULSTERS, SILK AND WOOLEN SWEATERS, BATH ROBES; SILK, WOOLEN, AND FIBER DRESSING GOWNS; MEN'S, WOMEN'S, AND CHILDREN'S SUEDE, MOCHA, FUR-LINED, AND KNIT LINED GLOVES. JOHN WANAMAKER, NEW YORK, New York, N. Y.
Filed June 16, 1926. Serial No. 233,339. PUBLISHED JANUARY 4, 1927.

225,747. LINIMENT IN PASTE FORM. KENNEDY PRODUCTS CO., Gloversville, N. Y.
Filed June 10, 1926. Serial No. 233,006. PUBLISHED JANUARY 11, 1927.

225,748. MEDICINAL PREPARATION IN THE TREATMENT OF RHEUMATISM. JOHN NACARATE, Brooklyn, N. Y.
Filed June 23, 1926. Serial No. 233,653. PUBLISHED JANUARY 11, 1927.

225,749. CANNED PEAS, CORN, AND TOMATOES, CATCHUP, AND COFFEE. BUEHLER BROTHERS, INC., Chicago, Ill.
Filed July 3, 1926. Serial No. 234,082. PUBLISHED JANUARY 11, 1927.

225,750. UNDERWEAR OF KNITTED AND WOVEN FABRIC. THE RUSSELL MANUFACTURING CO., Alexander City, Ala.
Filed July 10, 1926. Serial No. 234,412. PUBLISHED JANUARY 4, 1927.

225,751. FRESH GRAPEFRUITS. CHARLES SALADINO, Mercedes, and the Rio Grande Valley, Tex.
Filed July 10, 1926. Serial No. 234,413. PUBLISHED JANUARY 4, 1927.

225,752. MALT SIRUP FOR FOOD PURPOSES. OLD CINCY PRODUCTS CO., Cincinnati, Ohio.
Filed November 17, 1926. Serial No. 240,209. PUBLISHED JANUARY 11, 1927.

225,753. SPOOL SILK. AMERICAN WHOLESALE CORPORATION (BALTIMORE BARGAIN HOUSE), Baltimore, Md.
Filed November 17, 1926. Serial No. 240,162. PUBLISHED JANUARY 11, 1927.

225,754. DUSTING CAPS. MORTON & TOTTEN, New York, N. Y.
Filed November 16, 1926. Serial No. 240,148. PUBLISHED JANUARY 11, 1927.

225,755. GLASS POLISH. G. W. GALLAWAY, New York, N. Y.
Filed November 16, 1926. Serial No. 240,138. PUBLISHED JANUARY 4, 1927.

225,756. LACE IN THE PIECE. ACME LACE WORKS, INC., Hightstown, N. J.
Filed November 16, 1926. Serial No. 240,121. PUBLISHED JANUARY 4, 1927.

225,757. CANE AND MAPLE SIRUP. VERMONT MAPLE SYRUP CO., INC., OF ST. JOHNSBURY, St. Johnsbury, Vt.
Filed November 15, 1926. Serial No. 240,112. PUBLISHED JANUARY 11, 1927.

225,758. LEATHER AND COMPOSITION SOLES FOR SHOES. THE DELAWARE SHOE MANUFACTURING COMPANY, Delaware, Ohio.
Filed October 15, 1926. Serial No. 238,642. PUBLISHED JANUARY 11, 1927.

225,759. MEDICATED LUBRICANT FOR USE FOR PILES OR HEMORRHOIDS AND CUTS, BURNS, SPRAINS, AND ABRASIONS. THE ELECTRO THERMAL COMPANY, Steubenville, Ohio.
Filed October 15, 1926. Serial No. 238,644. PUBLISHED JANUARY 4, 1927.

225,760. TEA, COFFEE, SPICES, AND FOOD-FLAVORING EXTRACTS. EDW. A. APFFEL CO., Los Angeles, Calif.
Filed October 16, 1926. Serial No. 238,692. PUBLISHED JANUARY 4, 1927.

225,761. BOOTS, SHOES, AND SLIPPERS MADE OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF. THE SCHOLL MFG. CO., INC., Chicago, Ill.
Filed April 2, 1926. Serial No. 229,592. PUBLISHED JANUARY 11, 1927.

225,762. SOAP COMPOUND. MELBAR MANUFACTURING CO., INC., San Francisco, Calif.
Filed July 27, 1926. Serial No. 235,223. PUBLISHED JANUARY 4, 1927.

225,763. CERTAIN PADDING. WOVEN COTTON PADDING MILLS, INC., La Crosse, Wis.
Filed July 27, 1926. Serial No. 235,243. PUBLISHED JANUARY 4, 1927.

225,764. CLEANING COMPOUND FOR CLOGGED DRAINS, ENAMEL AND PORCELAIN CLEANER, BOILER LIQUID MATERIAL, AND DRAINPIPE SOLVENT. B. T. BABBITT INC., New York, N. Y.
Filed August 2, 1926. Serial No. 235,450. PUBLISHED JANUARY 11, 1927.

225,765. APPARATUS FOR FEEDING RUST-PREVENTING COMPOUNDS INTO WATER SYSTEMS. DETROIT KANOE BOILER & STEEL BARREL COMPANY, Detroit, Mich.
Filed August 6, 1926. Serial No. 235,640. PUBLISHED JANUARY 11, 1927.

225,766. PHOTOGRAPHIC CHEMICALS. NIKOLAUS BENEDIK, Vienna, Austria, assignor to Drem Products Corporation, New York, N. Y., a Corporation of New York.
Filed August 9, 1926. Serial No. 235,724. PUBLISHED JANUARY 11, 1927.

225,767. MEN'S APPAREL: ONE AND TWO PIECE TROUSER SUITS, FOUR-PIECE SUITS, TWO-PIECE GOLF SUITS, TWO-PIECE TROPICAL SUITS, OVERCOATS, TOPCOATS, KNICKERS (OR KNICKERBOCKERS), TROUSERS, SPORT COATS, DRESSING GOWNS, HOUSE COATS, AND VESTS. WOODWARD & LOTHROP, Washington, D. C.
Filed August 13, 1926. Serial No. 235,987. PUBLISHED JANUARY 4, 1927.

225,768. MEN'S CLOTHING; IN PARTICULAR, PANTS, VESTS, COATS, OVERCOATS; DRESS, NEGLIGEE, WORK, AND UNDER SHIRTS, THE UNDERSHIRTS BEING OF KNITTED AND TEXTILE FABRIC; AND CHILDREN'S PLAY SUITS. COHN GOLDWATER MFG. CO., Los Angeles, Calif.
Filed August 20, 1926. Serial No. 236,194. PUBLISHED JANUARY 4, 1927.

225,769. PAVEMENTS OF ASPHALT LAID ON A CONCRETE OR OTHER BASE AND COMMONLY KNOWN AS ASPHALT PAVEMENTS. GODSON CONTRACTING COMPANY, LTD., Toronto, Ontario, Canada.
Filed August 20, 1926. Serial No. 236,208. PUBLISHED DECEMBER 28, 1926.

225,770. NONMETALLIC ARTICLES—VIZ, PACKING FOR JOINTS, VEHICLE TIRES, HOSE, TUBING, AND PACKING GENERALLY. DERMATINE COMPANY, LIMITED, London, England.
Filed August 20, 1926. Serial No. 236,200. PUBLISHED JANUARY 11, 1927.

225,771. FIELD SEEDS, GRASS-SEED MIXTURES, AND LAWN-GRASS-SEED MIXTURES. THE ATLANTIC SEED COMPANY, INC., Philadelphia, Pa.
Filed August 23, 1926. Serial No. 236,299. PUBLISHED DECEMBER 28, 1926.

225,772. FANCY BOXES AND HOLDERS OF PAPER AND METAL FOR SOAP. HENRI LOWENFELD, Paris, France.
Filed April 7, 1926. Serial No. 229,804. PUBLISHED JANUARY 11, 1927.

225,773. LOTION FOR HEALING DISEASED AND INFECTED MUCUOUS MEMBRANES. EDWARD A. STAPLETON, doing business as De Leoton Co., Albany, N. Y.
Filed April 8, 1926. Serial No. 229,880. PUBLISHED JANUARY 11, 1927.

225,774. PHARMACEUTICAL AND TOILET PREPARATIONS—NAMELY, A REMEDY FOR DYSMENORRHEA, AND DEPILATORIES, DEODORANTS, AND ANTISEPTICS. ROLLA C. LAWRY, doing business as Moon Laboratories, St. Louis, Mo.
Filed May 10, 1926. Serial No. 231,883. PUBLISHED JANUARY 11, 1927.

225,775. FUR COATS. ABRAMS & LINDEN, New York, N. Y.
Filed May 11, 1926. Serial No. 231,425. PUBLISHED JANUARY 4, 1927.

225,776. LADIES' AND MISSES' HATS. DANN MILLINERY CO., INCORPORATED, Philadelphia, Pa.
Filed May 12, 1926. Serial No. 231,471. PUBLISHED JANUARY 4, 1927.

225,777. SAFETY-RAZOR BLADES. DARWIN & MILNER, INC., Cleveland, Ohio.
Filed May 26, 1926. Serial No. 232,259. PUBLISHED JANUARY 11, 1927.

225,778. UNCUT ROCK AND MARBLE. FEVRE & CIE., Paris, France.
Filed June 9, 1926. Serial No. 232,918. PUBLISHED DECEMBER 28, 1926.

225,779. OVERFLOW PIPES USED AS AN OVERFLOW-SAVING ATTACHMENT FOR RADIATORS ASSOCIATED WITH INTERNAL-COMBUSTION ENGINES. JOSEPH BERGE, doing business as Jo. Berge Co., New York, N. Y.
Filed July 20, 1926. Serial No. 234,769. PUBLISHED NOVEMBER 23, 1926.

225,780. HOSIERY. HANES HOSIERY MILLS COMPANY, Winston-Salem, N. C.
Filed July 20, 1926. Serial No. 234,780. PUBLISHED JANUARY 4, 1927.

225,781. OIL SOAP. THE PHOENIX OIL COMPANY, Cleveland, Ohio.
Filed November 6, 1926. Serial No. 239,765. PUBLISHED JANUARY 4, 1927.

225,782. BUTTER. THE MARICOPA CREAMERY CO., Phoenix, Ariz.
Filed November 18, 1926. Serial No. 240,270. PUBLISHED DECEMBER 28, 1926.

225,783. TEXTILE FIBERS AND THREADS. NEUTRASOL PRODUCTS CORPORATION, New York, N. Y.
Filed March 29, 1926. Serial No. 229,354. PUBLISHED JANUARY 4, 1927.

225,784. LADIES' HATS. STELLA MILLINERY COMPANY INC., New York, N. Y.
Filed October 27, 1926. Serial No. 239,330. PUBLISHED JANUARY 11, 1927.

225,785. METAL HORSE AND MULE SHOES. PHOENIX HORSE SHOE COMPANY, Chicago, Ill., and New York, N. Y.
Filed October 26, 1926. Serial No. 239,264. PUBLISHED JANUARY 4, 1927.

225,786. COMMERCIAL FEEDS, INCLUDING COTTONSEED MEAL, COTTONSEED FEED, PEANUT MEAL, PEANUT FEED, AND CRUSHED SNAPPED CORN. CAMILLA COTTON OIL COMPANY, Camilla, Ga.
Filed October 23, 1926. Serial No. 239,088. PUBLISHED JANUARY 11, 1927.

225,787. CANNED MILK IN LIQUID, PASTE, AND POWDERED FORM, USED AS INFANTS' FOOD. J. P. MEYENBERG, INC., Salinas, Calif.
Filed October 20, 1926. Serial No. 238,912. PUBLISHED JANUARY 11, 1927.

225,788. WOMEN'S AND CHILDREN'S FUR NECK PIECES, AND FUR COATS. BEN KALISH, New York, N. Y.
Filed September 15, 1926. Serial No. 237,270. PUBLISHED JANUARY 11, 1927.

225,789. GRAPE JELLY, GRAPE JAM, AND APPLE BUTTER; SANDWICH SPREAD HAVING A MAYONNAISE BASE, MAYONNAISE DRESSING, AND THOUSAND ISLAND DRESSING. J. HUNGERFORD SMITH GRAPE JUICE CO., Lawton, Mich.
Filed September 13, 1926. Serial No. 237,202. PUBLISHED JANUARY 11, 1927.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

225,790. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) GABRIEL TUBULAR FURNACE CO., Tacoma, Wash. Filed Dec. 23, 1926. Serial No. 241,883.

GABRIEL

Particular description of goods.—Coal, Wood, and Oil Burning Furnaces for Heating Homes and Other Buildings.
Claims use since Aug. 14, 1924.

225,791. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAMUEL ALPERT, doing business as United Tea Stores, Chicago, Ill. Filed June 11, 1926. Serial No. 233,052.

United Tea Stores

Particular description of goods.—Tea, Coffee, and Spices.
Claims use since October, 1922.

225,792. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) HENRY MODELL, doing business as Modell's, New York, N. Y. Filed June 29, 1926. Serial No. 233,888.

Modell's

Particular description of goods.—Tents, and Tenting and Camping Outfits Sold as a Unit.
Claims use since 1916.

225,793. (CLASS 31. FILTERS & REFRIGERATORS.) VERI MANUFACTURING COMPANY, San Francisco, Calif. Filed Nov. 5, 1926. Serial No. 239,727.

VERICOLD

Particular description of goods.—Electric Refrigerators.
Claims use since Apr. 4, 1925.

225,794. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ALICE HYDE, Flint, Mich. Filed Nov. 15, 1926. Serial No. 240,077.

WORLD'S-BEST

Particular description of goods.—Cleaning and Polishing Compound for Cleaning Windows, Mirrors, Enameled and Varnished Woodwork, Walls, Silver, Aluminum, Nickel, and Brass.
Claims use since June 12, 1922.

225,795. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE STANDARD GAS ENGINE CO., Oakland, Calif. Filed Dec. 1, 1926. Serial No. 240,831.

HAMILTON

Particular description of goods.—Tractor Transmission Casings.
Claims use since Oct. 23, 1925.

225,796. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CRESCENT FORGE & SHOVEL CO., Havana, Ill. Filed Dec. 16, 1926. Serial No. 241,563.

-HAVANA-SHARES-

Particular description of goods.—Plowshares.
Claims use since Feb. 18, 1925.

225,797. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAL-TEX COFFEE CO., Dallas, Tex. Filed Dec. 21, 1925. Serial No. 224,959.

Brazos

Particular description of goods.—Coffee, Tea, Spice, and Food-Flavoring Extract.
Claims use since Jan. 1, 1921.

225,798. (CLASS 39. CLOTHING.) I. R. SWARTZ & CO., Philadelphia, Pa. Filed Mar. 17, 1926. Serial No. 228,787.

"Revere Brand Clothes"

Particular description of goods.—Men's Ready-Made Suits.
Claims use since Jan. 12, 1926.

225,799. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN MANDEL MICHLIN, doing business as The Hanover Stout Malt Company, Altoona, Pa. Filed Mar. 30, 1926. Serial No. 229,400.

Hanover

Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since July 7, 1925.

225,800. (CLASS 5. ADHESIVES.) HARRY P. CASWELL, Chicago, Ill. Filed June 10, 1926. Serial No. 232,092.

STIC-WELL

Particular description of goods.—Adhesive Paste Which is Applied to the Guards of Eyeglasses and Spectacles to Prevent Them from Slipping or Falling Off the Nose.
Claims use since Feb. 14, 1926.

225,801. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) I. STERN & CO., New York, N. Y. Filed Dec. 31, 1926. Serial No. 242,256.

Mc COLLUM

Particular description of goods.—Dental Supplies—Namely, Bridge Work, Removable Bridge-Work Attachments, Removable Bridge-Work Attachments with Stress Breakers, and Adjustable Denture Attachments.
Claims use since January, 1919.

225,802. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE FISCHER MANUFACTURING COMPANY, Milwaukee, Wis. Filed Jan. 7, 1927. Serial No. 242,477.

FISCHER
SELF-ADJUSTING
BUNION PROTECTOR

Particular description of goods.—Bunion Protectors.
Claims use since 1906.

225,803. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) SHUR-ON STANDARD OPTICAL CO., INC., Geneva, New York, N. Y. Filed Jan. 22, 1927. Serial No. 243,235.

Kutsall

Particular description of goods.—A Cutting Attachment for Lens-Cutting Machines.
Claims use since July, 1914.

225,804. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) SONORA PHONOGRAPH COMPANY, INC., New York, N. Y. Filed Oct. 17, 1925. Serial No. 221,921.

PLYMOUTH

Particular description of goods.—Talking Machines, Phonographs, and Phonographs Adapted for Combination with Radio Receiving Sets.
Claims use since about Sept. 1, 1925.

225,805. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE FRED. GRETSCH MANUFACTURING COMPANY, Brooklyn, N. Y. Filed Aug. 4, 1924. Serial No. 200,934.

A. ROBERT

Particular description of goods.—Musical Instruments—Viz, Clarinets, Flutes, Bass Clarinets, Alto Clarinets, Oboes, Bassoons, and Reeds and Trimmings, and Parts Therefor.
Claims use since Aug. 18, 1923.

225,806. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE EDWIN F. GUTH COMPANY, St. Louis, Mo. Filed Nov. 19, 1923. Serial No. 188,550.

ROTARYLITE

Particular description of goods.—Stationary Electric-Lighting Fixtures.
Claims use since Nov. 8, 1923.

225,807. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HARRY A. ABRAMS, doing business as New York Electric Supply and Fixture Co., Saginaw, Mich. Filed Jan. 3, 1923. Serial No. 174,117.

Electric Store At Your Door

Particular description of goods.—Electrical Appliances—Namely, House-Wiring and Lighting Fixtures, Farm and Home Lighting and Power Plants.
Claims use since Nov. 2, 1921.

225,808. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) F. P. ROE COMPANY, Greensboro, Md. Filed Jan. 15, 1927. Serial No. 242,909.

ROE'S

Particular description of goods.—Canned Vegetables.
Claims use since Feb. 25, 1913.

225,809. (CLASS 39. CLOTHING.) KURZ & LAPIDUS INC., Brooklyn, N. Y. Filed Oct. 12, 1926. Serial No. 238,508.

NARRO REST HEEL

Particular description of goods.—Shoes Constructed of Leather, Rubber, and a Combination of Leather and Rubber.
Claims use since Oct. 18, 1924.

225,810. (CLASS 37. PAPER AND STATIONERY.) OSWEGO RIVER PAPER MILLS, Phoenix, N. Y. Filed Apr. 2, 1926. Serial No. 229,582.

ROSEMONT

Particular description of goods.—Toilet Paper.
Claims use since 1899.

225,811. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) DICTAPHONE CORPORATION, Bridgeport, Conn. Filed Mar. 29, 1926. Serial No. 229,326.

FEATHERWEIGHT

Particular description of goods.—Hand-Held Speaking Tubes and Parts Thereof, Consisting of Mouthpieces, Handles, and Tubes, for Use with Phonographs.
Claims use since about Jan. 15, 1926.

225,812. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) UNITED STATES ELECTRICAL MANUFACTURING COMPANY, Los Angeles, Calif. Filed Feb. 2, 1926. Serial No. 226,794.

AutoStart

Particular description of goods.—Electric Motors.
Claims use since Dec. 15, 1925.

225,813. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) J. A. DRAKE & SONS, INC., Reedley, Calif. Filed Dec. 11, 1925. Serial No. 224,552.

NU-SEAT

Particular description of goods.—Motor-Block Valve Seats.
Claims use since Oct. 1, 1925.

225,814. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) MAGOSY & BUSCHER, New York, N. Y. Filed Nov. 17, 1925. Serial No. 223,442.

Nonpareil-La France

Particular description of goods.—Mutes for Brass Wind Musical Instruments.
Claims use since July 28, 1925.

225,815. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BRANDES PRODUCTS CORPORATION, Newark, N. J. Filed Nov. 14, 1925. Serial No. 223,283.

Acoustics by Brandes

Particular description of goods.—Loud Speakers, Electron-Tube Audiofrequency Amplifiers, Audiofrequency Transformers, and Telephone Head Sets.
Claims use since Aug. 1, 1925.

225,816. (CLASS 15. OILS AND GREASES.) SIMMS OIL COMPANY, Dallas, Tex. Filed Jan. 28, 1927. Serial No. 243,502.

SIMMS OILS

Particular description of goods.—Petroleum Products—Namely, Crude Oil and Its Finished Products—Viz, Kerosene, Naptha, Gasoline, Kerosene Distillates, Gasoline Distillates, Fuel Oil, and Gas Oil.
Claims use since Jan. 1, 1926.

225,817. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) ABRAHAM KOSTRINSKY, doing business as Grand Silver Company and Grand Metal Spinning Company, New York, N. Y. Filed Dec. 30, 1926. Serial No. 242,197.

WEAR-BRITE

Particular description of goods.—Confectioners' and Restaurants' Silverware, Consisting of Creamers, Cheese Pots, Mustard Pots, Finger Bowls, Teacups, Soup Cups, Saucers, Trays, Menu Holders, Butter Chips, Soup Tureens, Ice Tubs, Pastry Stands, Glass Carriers, Napkin Stands, Toothpick Holders, Cocktail Dishes, Oyster Dishes, Compartment Trays, Bread Trays, Fruit Stands, Candy Stands, Pitchers, Punch Bowls, Ladles, Flatware, Coffeepots, Sugar Bowls, Sugar Dispensers, Sugar Shakers, Sundae Dishes, Salt Shakers, Straw Holders, Whipped-Cream Bowls, Covers, and Spoon Holders.
Claims use since September, 1922.

225,818. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE WOODWIND COMPANY, New York, N. Y. Filed Dec. 7, 1926. Serial No. 241,125.

ALEXANDRE

Particular description of goods.—Wind Instruments and Their Accessories—Namely, Clarinets, Oboes, and Clarinet and Saxophone Reeds and Mouthpieces.
Claims use since about June, 1910.

225,819. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ANDREW WESTBROOK COMSTOCK, doing business as The 2 Minit Company, Benton Harbor, Mich., and Chicago, Ill. Filed Oct. 15, 1926. Serial No. 238,640.

2 MINIT SHAVE

Particular description of goods.—Shaving Cream in the Nature of a Soap Cream Used Before Shaving.
Claims use since Apr. 1, 1926.

225,820. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) NU-MODE MATERIALS, Indianapolis, Ind. Filed Oct. 14, 1926. Serial No. 238,607.

NU-MODE

Particular description of goods.—A Cleaning Fluid for Clothes and Other Materials Known as a Dry Spotter.
Claims use since May 12, 1925.

TRADE-MARK REGISTRATIONS RENEWED

29,240. VEHICLE TIRES AND PARTS THEREOF. Registered December 1, 1896. DUNLOP PNEUMATIC TYRE COMPANY, LIMITED, London, England. Renewed December 1, 1926, to Dunlop Tire and Rubber Corporation of America, Buffalo, N. Y., a Corporation of New York, assignee by mesne assignments.

29,375. SUGAR SIRUPS. Registered December 29, 1896. J. D. HAGE & Co., New York, N. Y. Renewed December 29, 1926.

29,580. TOILET WATERS. Registered February 23, 1897. L. T. PIVER & CIE., Paris, France. Renewed February 23, 1927, to L. T. Piver, Inc., New York, N. Y., a Corporation of Delaware, assignee.

29,623. TWILLED COTTON AND MIXED FABRICS. Registered March 2, 1897. OTIS COMPANY, Palmer, Mass. Renewed March 2, 1927, to Otis Company, Boston, Mass., a Corporation of Massachusetts.

29,862. BRUSHES. Registered April 20, 1897. THE FLORENCE MANUFACTURING CO. Renewed April 20, 1927, to Pro-phy-lac-tic Brush Company, Northampton, Mass., a Corporation of Massachusetts, assignee.

29,939. LUBRICANTS, VARNISHES, RESINS, MINERAL OILS, PETROLEUM, NAPHTHA, AND OILS OBTAINED FROM CARBONACEOUS SUBSTANCES. Registered May 4, 1897. ICHTHYOL GESELLSCHAFT, CORDES, HERMANNI & Co., Hamburg, Germany. Renewed May 4, 1927, to The Ichthyol Co., Rahway, N. J., a Corporation of New Jersey, assignee.

29,986. BRUSHES. Registered May 11, 1897. FLORENCE MANUFACTURING Co., Northampton, Mass.; New York, N. Y.; and Chicago, Ill. Renewed May 11, 1927, to Pro-phy-lac-tic Brush Company, Northampton, Mass., a Corporation of Massachusetts, assignee.

30,387. PAPER AND ENVELOPES. Registered July 20, 1897. CHARLES J. COHEN. Renewed July 20, 1927, to Charles J. Cohen Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

50,512. OUTING SHIRTS FOR MEN AND WOMEN. Registered March 20, 1906. GUITERMAN BROS. Renewed March 20, 1926, to Guiterman Bros. Inc., St. Paul, Minn., a Corporation of Delaware, successor.

52,653. CIRCUIT CONTROLLERS OR SWITCHES. Registered May 15, 1906. ALBERT & J. M. ANDERSON MANUFACTURING COMPANY. Renewed May 15, 1927, to Albert & J. M. Anderson Manufacturing Company, Boston, Mass., a Corporation of Massachusetts, successor.

52,761. ORANGES, LEMONS, GRAPEFRUIT, TANGERINES, AND MANDARINS. Registered May 15, 1906. RUSSELL & COMPANY, Fort Ogden, Fla., and New York, N. Y. Renewed May 15, 1926, to Russell and Company, Fort Ogden, Fla.

53,179. CHILDREN'S SUITS. Registered May 29, 1906. CHARLES W. KLEMM. Renewed May 29, 1926, to C. W. Klemm, Inc., Bloomington, Ill., a Corporation of Illinois, assignee.

53,629. COTTON SHEETINGS. Registered June 5, 1906. EDWIN M. GREEN, executor of Albert W. Green, deceased, St. Louis, Mo. Renewed June 5, 1926, to United States Trust Company of New York, as executor in the Estate of Albert W. Green, deceased, New York, N. Y., a Corporation of New York, assignee.

54,788. SOAPS. Registered July 31, 1906. J. G. MOUSON & Co., Frankfort-on-the-Main, Germany. Renewed July 31, 1926.

54,789. TOILET SOAP. Registered July 31, 1906. J. G. MOUSON & Co., Frankfort-on-the-Main, Germany. Renewed July 31, 1926.

55,345. HORSE HIDES AND COLT SKINS. Registered August 14, 1906. BENJAMIN D. EISENDRATH, Racine, Wis. Renewed August 14, 1926, to B. D. Eisendrath Tanning Co., Chicago, Ill., a Corporation of Illinois, assignee by mesne assignments.

56,462. FRUITS, VEGETABLES, PRESERVES, AND JELLIES IN TINS AND GLASS. Registered September 25, 1906. NATIONAL GROCER COMPANY, Chicago, Ill. Renewed September 25, 1926, to National Grocer Company, Detroit, Mich., a Corporation of Michigan.

56,485. BLACKHEAD PINS. Registered October 2, 1906. ABEL MORRALL LIMITED, Redditch, England, a Corporation of England. Renewed October 2, 1926.

56,736. NEEDLES FOR HAND SEWING. Registered October 16, 1906. GEORGE A. WRIGHT, Chicago, Ill. Renewed October 16, 1926, to William Hall & Co., Limited, Studley, England, a Limited-Liability Company of Great Britain, assignee.

58,128. HAMS AND BREAKFAST BACON. Registered December 4, 1906. THE CLEVELAND PROVISION COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed December 4, 1926.

58,249. RIFLES AND GUNS. Registered December 11, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed December 11, 1926.

58,277. RIFLES AND GUNS. Registered December 11, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed December 11, 1926.

58,278. RIFLES AND GUNS. Registered December 11, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed December 11, 1926.

58,387. HARMONICAS. Registered December 11, 1906. BUEGELEISEN & JACOBSON, New York, N. Y. Renewed December 11, 1926.

58,420. STYLOGRAPHIC AND FOUNTAIN PENS. Registered December 11, 1906. SANFORD & BENNETT. Renewed December 11, 1926, to H. Henry Douglas, New York, N. Y., assignee.

58,421. STYLOGRAPHIC AND FOUNTAIN PENS. Registered December 11, 1906. SANFORD & BENNETT. Renewed December 11, 1926, to H. Henry Douglas, New York, N. Y., assignee.

58,422. STYLOGRAPHIC AND FOUNTAIN PENS. Registered December 11, 1906. SANFORD & BENNETT. Renewed December 11, 1926, to H. Henry Douglas, New York, N. Y., assignee.

58,432. TOILET PINS AND GLASS-HEADED PINS. Registered December 18, 1906. ABEL MORRALL, LIMITED, Redditch, England, a Corporation of England. Renewed December 18, 1926.

58,461. BODKINS AND HAND SEWING NEEDLES. Registered December 18, 1906. ABEL MORRALL, LIMITED, Redditch, England, a Corporation of England. Renewed December 18, 1926.

58,519. CERTAIN NAMED ELECTRICAL APPARATUS. Registered December 18, 1906. DE VEAU TELEPHONE MANUFACTURING COMPANY, New York, N. Y., a Corporation of New York. Renewed December 18, 1926.

58,613. STYLOGRAPHIC AND FOUNTAIN PENS. Registered December 18, 1906. SANFORD & BENNETT. Renewed December 18, 1926, to H. Henry Douglas, New York, N. Y., assignee.

59,013. CERTAIN NAMED DRAWING INSTRUMENTS. Registered December 25, 1906. KEUFFEL & ESSER COMPANY, Hoboken, N. J., a Corporation of New Jersey. Renewed December 25, 1926.

59,257. WOODEN PEGS. Registered January 1, 1907. KEARSARGE PEG COMPANY, Bartlett, N. H. Renewed January 1, 1927, to Edwin J. Foster & George R. Foster, doing business as The Kearsarge Peg Co., Plymouth, N. H., assignee.

59,660. SOLE LEATHER AND PRODUCTS FROM THE SAME. Registered January 15, 1907. J. M. DELANEY & Co., New York, N. Y. Renewed January 15, 1927, to J. M. Delaney Co. Inc., Meriden, Conn., a Corporation of Connecticut, assignee.

59,752. LAXATIVE MEDICINES. Registered January 15, 1907. FREDERICK AUGUST LUYTIES. Renewed January 15, 1927, to Luyties Pharmacal Company, St. Louis, Mo., a Corporation of Missouri, assignee.

59,794. CANNED FRUITS AND VEGETABLES. Registered January 15, 1907. PRESSING & ORR CO. Renewed January 15, 1927, to The Winorr Canning Co., Circleville, Ohio, a Corporation of Ohio, successor.

59,807. CERTAIN ELECTRIC APPARATUS AND SUPPLIES. Registered January 15, 1907. THE ARKNOT Co. Renewed January 15, 1927, to The Johns-Pratt Company, Hartford, Conn., a Corporation of Connecticut, assignee.

59,914. WHITE LEAD. Registered January 22, 1907. BRANDRAM BROS. & Co. LTD., London, England, a Corporation of the United Kingdom of Great Britain and Ireland. Renewed January 22, 1927.

59,970. INCANDESCENT LAMPS. Registered January 22, 1907. THE BUCKEYE ELECTRIC COMPANY, Cleveland, Ohio. Renewed January 22, 1927, to General Electric Company, Schenectady, N. Y., a Corporation of New York, assignee.

60,128. CERTAIN ELECTRICAL APPARATUS. Registered January 29, 1907. THE CHLORIDE OF SILVER DRY CELL BATTERY COMPANY, Baltimore, Md., a Corporation of Maryland. Renewed January 29, 1927.

60,130. TOOL STEEL. Registered January 29, 1907. JOHN A. CROWLEY, New York, N. Y. Renewed January 29, 1927.

60,163. INCANDESCENT LAMPS. Registered January 29, 1907. THE GENERAL INCANDESCENT LAMP COMPANY, Cleveland, Ohio. Renewed January 29, 1927, to General Electric Company, Schenectady, N. Y., a Corporation of New York, assignee.

60,287. PAINTS, AND CERTAIN NAMED PAINTERS' MATERIALS. Registered February 5, 1907. ADAMS & ELTING CO., Chicago, Ill. Renewed February 5, 1927, to The Glidden Company, Cleveland, Ohio, a Corporation of Ohio, assignee.

60,298. COTTON SEED OILS. Registered February 5, 1907. UNION OIL COMPANY, Providence, R. I. Renewed February 5, 1927, to Lever Brothers Company, Portland, Me., and Cambridge, Mass., a Corporation of Maine, assignee by mesne assignments.

60,454. CHOCOLATES AND BONBONS. Registered February 12, 1907. F. H. DOW & COMPANY, Boston, Mass. Renewed February 12, 1927, to F. H. Dow Company, Cambridge, Mass., a Corporation of Massachusetts, successor.

60,521. CLEANING PASTE. Registered February 12, 1907. FLASH CHEMICAL COMPANY, Boston, Mass. Renewed February 12, 1927, to Flash Chemical Company, Cambridge, Mass., a Corporation of Maine.

60,523. ROSETTES. Registered February 12, 1907. GENERAL ELECTRIC COMPANY, Schenectady, N. Y., a Corporation of New York. Renewed February 12, 1927.

60,605. MEDICINE FOR CERTAIN NAMED DISEASES. Registered February 12, 1907. J. C. HUTCHISON, Queen City, Tex. Renewed February 12, 1927, to J. C. Hutchison, Texarkana, Tex.

60,646. VANILLA OIL. Registered February 19, 1907. GEORGE R. CHATFIELD. Renewed February 19, 1927, to The Aromanilla Company, Inc., New York, N. Y., a Corporation of New York, assignee.

60,748. RAZORS AND RAZOR BLADES. Registered February 19, 1907. AUTO STROP SAFETY RAZOR COMPANY, New York, N. Y., a Corporation of New York. Renewed February 19, 1927.

60,925. SHEET METAL AND MECHANICAL TOYS. Registered February 26, 1907. ERNST PAUL LEHMANN. Renewed February 26, 1927, to Ernst Paul Lehmann, Patentwerk, Brandenburg-on-the-Havel, Germany, successor.

61,075. CERTAIN CORDAGE. Registered March 5, 1907. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a Corporation of New York. Renewed March 5, 1927.

61,219. CANNED VEGETABLES, Registered March 12, 1907. CLINTON CANNING CO., Rome and Clinton, N. Y., a Corporation of New York. Renewed March 12, 1927.

61,234. CANNED VEGETABLES. Registered March 12, 1907. CLINTON CANNING CO., Rome and Clinton, N. Y., a Corporation of New York. Renewed March 12, 1927.

61,235. CANNED VEGETABLES. Registered March 12, 1907. CLINTON CANNING CO., Rome and Clinton, N. Y., a Corporation of New York. Renewed March 12, 1927.

61,236. CANNED VEGETABLES. Registered March 12, 1907. CLINTON CANNING CO., Rome and Clinton, N. Y., a Corporation of New York. Renewed March 12, 1927.

61,367. SHERRY. Registered March 19, 1907. W. A. ROSS & BROTHER, INCORPORATED, New York, N. Y. Renewed March 19, 1927, to F. C. de Terry, Port St. Marys, Spain, assignee.

61,443. INCANDESCENT LAMPS. Registered March 19, 1907. EAGLE LAMP COMPANY, Danvers, Mass. Renewed March 19, 1927, to General Electric Company, Schenectady, N. Y., a Corporation of New York, assignee.

61,497. SMOKING TOBACCO, CIGARS, CIGARETTES, AND SNUFF. Registered March 26, 1907, to NEW FIRM DE ERVEN DE WED. J. VAN NELLE, assignee of de Erven de Wed. J. Van Nelle. Renewed March 26, 1927, to De Erven de Wed. J. van Nelle, Rotterdam, Netherlands, successor.

61,545. AN OIL FOR CERTAIN NAMED PURPOSES. Registered March 26, 1907. G. W. COLB COMPANY, Rahway, N. J., and New York, N. Y. Renewed March 26, 1927, to Three In One Oil Company, New York, N. Y., a Corporation of New Jersey, assignee.

61,546. AN OIL FOR CERTAIN NAMED PURPOSES. Registered March 26, 1907. G. W. COLB COMPANY, Rahway, N. J., and New York, N. Y. Renewed March 26, 1927, to Three In One Oil Company, New York, N. Y., a Corporation of New Jersey, assignee.

61,564. DRAWING PAPER. Registered March 26, 1907. KEUFFEL & ESSER COMPANY, Hoboken, N. J., a Corporation of New Jersey. Renewed March 26, 1927.

61,585. DRAWING PAPER. Registered March 26, 1907. KEUFFEL & ESSER COMPANY, Hoboken, N. J., a Corporation of New Jersey. Renewed March 26, 1927.

61,628. A DETERGENT CLEANING PREPARATION. Registered April 2, 1907. CHEMISCHE FABRIK GRIESHEIM-ELEKTRON, Frankfort-on-the-Main, Germany. Renewed April 2, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

61,631. ANTICORROSIVE AND ANTIFOULING PAINT, MIXED PAINT, AND ENAMELS. Registered April 2, 1907. HOLZAPFEL'S COMPOSITIONS COMPANY, LIMITED, Newcastle-on-Tyne, England. Renewed April 2, 1927, to The International Paint & Compositions Co. Ltd., London, England, a Corporation of Great Britain, assignee.

61,662. COCOA, CHOCOLATE, AND CHOCOLATE CANDY. Registered April 2, 1907. AMBROSIA CHOCOLATE COMPANY. Renewed April 2, 1927, to Ambrosia Chocolate Company, Milwaukee, Wis., a Corporation of Wisconsin, assignee.

61,677. FILMS, PLATES, AND PHOTOGRAPHIC PAPERS. Registered April 2, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed April 2, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

61,715. FIRE-EXTINGUISHING COMPOUNDS. Registered April 2, 1907. PLUVIUS-FEUERLÖSCHER-GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Hamburg, Germany. Renewed April 2, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

61,758. OINTMENTS. Registered April 2, 1907. PITMAN-MYERS COMPANY. Renewed April 2, 1927, to Pitman-Moore Company, Indianapolis, Ind., a Corporation of Indiana, successor.

61,760. A REMEDY FOR WHOOPING COUGH USED EXTERNALLY. Registered April 2, 1907. THE SPINOL COMPANY. Renewed April 2, 1927, to Edward S. Fernsler, Pottsville, Pa., successor.

61,898. BUTTONS. Registered April 9, 1907. L. HUET AND E. LIGIER. Renewed April 9, 1927, to Canuet Freres, Paris, France, successor.

61,920. PHOTOGRAPHIC DEVELOPERS. Registered April 9, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed April 9, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

61,965. CARDBOARDS AND BOX BOARDS. Registered April 9, 1907. UNITED BOX BOARD & PAPER COMPANY. Renewed April 9, 1927, to United Paperboard Company, New York, N. Y., a Corporation of New Jersey, assignee by mesne assignments.

62,033. EXTERNAL MEDICINAL PREPARATIONS FOR THE SKIN. Registered April 16, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed April 16, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,034. CERTAIN MEDICINAL PREPARATIONS. Registered April 16, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed April 16, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,086. COAL-TAR DYESTUFFS. Registered April 16, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed April 16, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,087. PHOTOGRAPHIC DEVELOPERS. Registered April 16, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed April 16, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,108. DYES. Registered April 16, 1907. FARBWERKE VORM. MEISTER LUCIUS & BRÜNING, Höchst-on-the-Main, Germany. Renewed April 16, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,109. DYESTUFFS APPLICABLE IN COLORING AND PRINTING PROCESSES. Registered April 16, 1907. FARBWERKE VORM. MEISTER LUCIUS & BRÜNING, Höchst-on-the-Main, Germany. Renewed April 16, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,127. AN ABRASIVE CLEANSING, POLISHING, AND SCOURING PREPARATION. Registered April 23, 1907. THE CUDAHY PACKING COMPANY, Chicago, Ill., and South Omaha, Nebr. Renewed April 23, 1927, to The Cudahy Packing Company, Chicago, Ill., a Corporation of Maine, assignee.

62,150. ENAMELED STEELWARE. Registered April 23, 1907. GEO. BORGFELDT & Co., New York, N. Y., a Corporation of New Jersey. Renewed April 23, 1927.

62,170. PICKLES, MUSTARD, CATCHUP, CHOW-CHOW, AND PEPPER. Registered April 23, 1907. ANGELO FAZZIO, doing business as Horse Shoe Pickle Works, Ltd., New Orleans, La. Renewed April 23, 1927.

62,178. DRY BATTERIES. Registered April 23, 1907. NATIONAL CARBON COMPANY, Cleveland, Ohio. Renewed April 23, 1927, to National Carbon Company, Inc., New York, N. Y., a Corporation of New York, assignee.

62,316. CERTAIN MACHINERY. Registered April 30, 1907. NEWTON MACHINE TOOL WORKS, INCORPORATED, Philadelphia, Pa. Renewed April 30, 1927, to Consolidated Machine Tool Corporation of America, Rochester, N. Y., a Corporation of Delaware, successor.

62,340. MEASURING AND SCIENTIFIC OPTICAL APPARATUS, APPLIANCES, AND INSTRUMENTS. Registered April 30, 1907. THE FIRM OF CARL ZEISS, Jena, Germany. Renewed April 30, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,432. CERTAIN CHEMICAL PREPARATIONS. Registered May 7, 1927. FRITZSCHE BROTHERS. Renewed May 7, 1927, to Fritzsche Brothers, Inc., New York, N. Y., a Corporation of New York, assignee.

62,510. CERTAIN PAINTERS' MATERIALS. Registered May 14, 1907. SAMUEL H. FRENCH & CO. Renewed May 14, 1927, to Samuel H. French & Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

62,619. A PREPARATION FOR THE TREATMENT OF DISEASES OF THE THROAT AND LUNGS. Registered May 14, 1907. MARY A. LUPTON, MILLARD F. CATTELL, and PHILIP S. HORTZ, executors and trustees of Lewis M. Green, deceased. Renewed May 14, 1927, to G. G. Green, Inc., Woodbury, N. J., a Corporation of New Jersey, assignee.

62,671. CERTAIN KNIT GOODS. Registered May 21, 1907. A. G. SPALDING & BROS., Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed May 21, 1927.

62,696. A PREPARATION FOR THE CURE OF DYSPEPSIA. Registered May 21, 1907. MARY A. LUPTON, MILLARD F. CATTELL, PHILIP S. HORTZ, executors and trustees of Lewis M. Green, deceased. Renewed May 21, 1927, to G. G. Green, Inc., Woodbury, N. J., a Corporation of New Jersey, assignee.

62,706. PAINTS OF ALL KINDS, ENAMELS, STAINS, AND VARNISHES. Registered May 21, 1907. ACME WHITE LEAD & COLOR WORKS, Detroit, Mich., a Corporation of Michigan. Renewed May 21, 1927.

62,726. SAFETY MATCHES. Registered May 21, 1907. JÖNKÖPINGS OCH VULCANS TÄNDSTICKSFABRIKSAKTIEBOLAG, Jönköping, Sweden, a Joint-Stock Company of Sweden. Renewed May 21, 1927.

62,727. SAFETY MATCHES. Registered May 21, 1907 JÖNKÖPINGS OCH VULCANS TÄNDSTICKSFABRIKSAKTIEBOLAG, Jönköping, Sweden, a Joint-Stock Company of Sweden. Renewed May 21, 1927.

62,729. JEWELRY, SOLID, PLATED, AND PRECIOUS-METAL WARE. Registered May 21, 1907. PAYE AND BAKER MANUFACTURING COMPANY, North Attleboro, Mass., a Corporation of Massachusetts. Renewed May 21, 1927.

62,751. RAZORS AND RAZOR BLADES. Registered May 21, 1907. KAMPFE BRO'S., New York, N. Y. Renewed May 21, 1927, to Star Safety Razor Corporation, Brooklyn, N. Y., a Corporation of New York, assignee.

62,752. SAFETY RAZORS, RAZOR BLADES, AND SAFETY CORN KNIVES. Registered May 21, 1907. KAMPFE BRO'S., New York, N. Y. Renewed May 21, 1927, to Star Safety Razor Corporation, Brooklyn, N. Y., a Corporation of New York, assignee.

62,753. SAFETY RAZORS, RAZOR BLADES, AND SAFETY CORN KNIVES. Registered May 21, 1907. KAMPFE BRO'S., New York, N. Y. Renewed May 21, 1927, to Star Safety Razor Corporation, Brooklyn, N. Y., a Corporation of New York, assignee.

62,781. ALUMINUM PAINT. Registered May 28, 1907. HOLZAPFEL'S COMPOSITIONS COMPANY, LIMITED, Newcastle-on-Tyne, England. Renewed May 28, 1927, to The International Paint & Compositions Co. Ltd., London, England, a Corporation of Great Britain, assignee.

62,798. MEN'S, BOYS', and YOUTHS' LEATHER BOOTS AND SHOES. Registered May 28, 1907. LYNCHBURG SHOE CO. Renewed May 28, 1927, to Lynchburg Shoe Co. Inc., Lynchburg, Va., a Corporation of Virginia, assignee.

62,811. RAZOR STROPS. Registered May 28, 1907. KAMPFE BRO'S., New York, N. Y. Renewed May 28, 1927, to Star Safety Razor Corporation, Brooklyn, N. Y., a Corporation of New York, assignee.

62,833. WHITE LEAD AND ZINC WHITE. Registered May 28, 1907. SAMUEL H. FRENCH & CO. Renewed May 28, 1927, to Samuel H. French & Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

62,835. WHITE LEAD AND ZINC WHITE. Registered May 28, 1907. SAMUEL H. FRENCH & CO. Renewed May 28, 1927, to Samuel H. French & Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

62,852. PULVERIZING HARROWS, CLOD CRUSHERS, AND LEVELERS. Registered May 28, 1907. DUANE H. NASH INC., Millington, N. J. Renewed May 28, 1927, to Nash-Acme Harrow Co., Philadelphia, Pa., a Corporation of New Jersey, assignee by mesne assignments.

62,853. PULVERIZING HARROWS, CLOD CRUSHERS, AND LEVELERS. Registered May 28, 1907. DUANE H. NASH INC., Millington, N. J. Renewed May 28, 1927, to Nash-Acme Harrow Co., Philadelphia, Pa., a Corporation of New Jersey, assignee by mesne assignments.

62,916. WASHING CRYSTAL, COMPOUNDS FOR SOFTENING WATER, GLOSS STARCH, AND SAFFRON. Registered May 28, 1907. SHERER-GILLETT COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed May 28, 1927.

63,114. LEATHER BOOTS AND SHOES. Registered June 4, 1907. B. A. CORBIN & SON COMPANY, Webster, Mass. Renewed June 4, 1927, to B. A. Corbin & Son Company, Marlboro, Mass., a Corporation of Massachusetts.

63,152. BOOTS AND SHOES OF LEATHER. Registered June 11, 1907. ENDICOTT-JOHNSON COMPANY. Renewed June 11, 1927, to Endicott Johnson Corporation, Endicott, N. Y., a Corporation of New York, assignee by mesne assignments.

63,186. TYPEWRITER RIBBONS AND CARBON PAPER. Registered June 11, 1907. THE CARTER'S INK COMPANY, Boston, Mass., and New York, N. Y. Renewed June 11, 1927, to The Carter's Ink Company, Cambridge, Mass., a Corporation of Massachusetts.

63,230. GAS STOVES AND RANGES AND FITTINGS AND PARTS THEREFOR. Registered June 11, 1907. WILLIAM M. CRANE CO., New York, N. Y. Renewed June 11, 1927, to Standard Gas Equipment Corporation, Baltimore, Md., and New York, N. Y., a Corporation of Maryland, assignee.

63,327. PAINT AND VARNISH REMOVER. Registered June 18, 1907. BERRY BROTHERS, LIMITED. Renewed June 18, 1927, to Berry Brothers, Inc., Detroit, Mich., a Corporation of Michigan, assignee.

63,342. SOAP. Registered June 18, 1907. ROBINSON BROS. & COMPANY INCORPORATED, Portland, Me., and Malden, Mass. Renewed June 18, 1927, to Robinson Bros. & Company Incorporated, Malden, Mass., a Corporation of Maine.

63,344. SOAP. Registered June 18, 1907. ROBINSON BROS. & COMPANY INCORPORATED, Portland, Me., and Malden, Mass. Renewed June 18, 1927, to Robinson Bros. & Company Incorporated, Malden, Mass., a Corporation of Maine.

63,345. SOAP. Registered June 18, 1907. ROBINSON BROS. & COMPANY INCORPORATED, Portland, Me., and Malden, Mass. Renewed June 18, 1927, to Robinson Bros. & Company Incorporated, Malden, Mass., a Corporation of Maine.

63,347. SOAP. Registered June 18, 1907. ROBINSON BROS. & COMPANY INCORPORATED, Portland, Me., and Malden, Mass. Renewed June 18, 1927, to Robinson Bros. & Company Incorporated, Malden, Mass., a Corporation of Maine.

63,468. BOOTS AND SHOES OF LEATHER. Registered June 25, 1907. ENDICOTT-JOHNSON COMPANY. Renewed June 25, 1927, to Endicott Johnson Corporation, Endicott, N. Y., a Corporation of New York, assignee by mesne assignments.

63,476. SOAP. Registered June 25, 1907. ROBINSON BROS. & COMPANY INCORPORATED, Portland, Me., and Malden, Mass. Renewed June 25, 1927, to Robinson Bros. & Company Incorporated, Malden, Mass., a Corporation of Maine.

63,478. SOAP. Registered June 25, 1907. ROBINSON BROS. & COMPANY INCORPORATED, Portland, Me., and Malden, Mass. Renewed June 25, 1927, to Robinson Bros. & Company Incorporated, Malden, Mass., a Corporation of Maine.

63,481. CERTAIN PAINTS AND PAINTERS' MATERIALS. Registered June 25, 1907. ACME WHITE LEAD & COLOR WORKS, Detroit, Mich., a Corporation of Michigan. Renewed June 25, 1927.

63,490. METALLIC PENS. Registered June 25, 1907. THE ESTERBROOK STEEL PEN MFG. CO., Camden, N. J., and New York, N. Y. Renewed June 25, 1927, to The Esterbrook Steel Pen Manufacturing Company, Camden, N. J., a Corporation of New Jersey.

63,579. COMPOUND OILS FOR MAKING PERFUMES. Registered June 25, 1907. GEORGE LUEDERS & CO., New York, N. Y., a Corporation of New York. Renewed June 25, 1927.

63,580. COTTON SHEETINGS, SHIRTINGS, AND DRILLS, BROWN AND BLEACHED. Registered June 25, 1907. THE MONOHANSETT M'F'G. CO., Putnam, Conn. Renewed June 25, 1927, to Ridley Watts & Co., New York, N. Y., assignee by mesne assignments.

63,581. EMULSION OF COD LIVER OIL. Registered June 25, 1907. OZOMULSION CO., New York, N. Y., a Corporation of New York. Renewed June 25, 1927.

63,643. LIQUID CHEMICAL COMPOSITION. Registered July 2, 1907. FRANK A. HOPPE. Renewed July 2, 1927, to Frank A. Hoppe, Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

63,645. REMEDY FOR CERTAIN DISEASES. Registered July 2, 1907. THE MURRAY DRUG CO., Columbia, S. C., a Corporation of South Carolina. Renewed July 2, 1927.

63,700. TEA. Registered July 2, 1907. CORBIN, SONS & CO. Renewed July 2, 1927, to Corbin Sons & Co., Chicago, Ill., a Corporation of Illinois, successor.

63,705. CHLORIDE OF ETHYL. Renewed July 2, 1907. HAROLD H. FRIES, doing business as Fries Bros., New York, N. Y. Renewed July 2, 1927.

63,887. WASHING MACHINES. Registered July 9, 1907. VOSS BROTHERS MANUFACTURING COMPANY, Davenport, Iowa, a Corporation of Iowa. Renewed July 9, 1927.

63,946. CANNED FRUITS AND VEGETABLES. Registered July 16, 1907. W. R. ROACH & COMPANY, Hart, Mich. Renewed July 16, 1927, to W. R. Roach & Co., Grand Rapids, Mich., a Corporation of Michigan.

64,135. COFFEE. Registered July 23, 1907. THE DOLAN MERCANTILE COMPANY, Atchison, Kans., a Corporation of Kansas. Renewed July 23, 1927.

64,246. CENSERS, VAPORIZERS, AND VOLATILIZERS FOR MEDICAL COMPOUNDS. Registered July 30, 1907. THE VAPO-CRESOLENE COMPANY, Stanley, N. J., and New York, N. Y. Renewed July 30, 1927, to The Vapo-Cresolene Company, Chatham, N. J., and New York, N. Y., a Corporation of New Jersey.

64,289. TEA. Registered July 30, 1907. THE MAZAWATTEE TEA COMPANY, LIMITED, London, England, a Corporation of Great Britain. Renewed July 30, 1927.

64,604. CARPET SWEEPERS. Registered August 13, 1907. BISSELL CARPET SWEEPER COMPANY. Renewed August 13, 1927, to Bissell Carpet Sweeper Company, Grand Rapids, Mich., a Corporation of Michigan, assignee.

LABELS

REGISTERED MARCH 22, 1927.

31,806.—*Title:* KARAMEL DANDY. For Candy. ALBERTA CANDY CO., INC., San Francisco, Calif. Published December 1, 1926.

31,807.—*Title:* PINE TREE DISINFECTANT. For Disinfectant and Antiseptic. JAMES JOSEPH BONNER, doing business as Pine-Tree Products, Boston, Mass. Published June 1, 1910.

31,808.—*Title:* SERRA. For Oranges. CHULA VISTA CITRUS ASSOCIATION, Chula Vista, Calif. Published April 6, 1926.

31,809.—*Title:* COLGATE'S RIBBON DENTAL CREAM. For Dental Cream. COLGATE & COMPANY, Jersey City, N. J. Published January 10, 1927.

31,810.—*Title:* EHLERS GRADE "A" COFFEE. For Coffee. ALBERT EHLERS, INC., Brooklyn, N. Y. Published January 29, 1927.

31,811.—*Title:* CALIFORNIA HAIR RESTORER. For Hair Restorer. GILBERT N. FIELD, Los Angeles, Calif. Published January 22, 1927.

31,812.—*Title:* LINKO. For Canned Corn. GRAINGER BROS. Co., Lincoln, Nebr. Published January 1, 1927.

31,813.—*Title:* SOL-Y-VIÑA. For Fresh Grapes. HOMER LAUGHLIN, doing business as Rancho Del Sol-y-Viña, Los Angeles, Calif. Published December 31, 1925.

31,814.—*Title:* MILLER'S UNIQUE RADIO-ACTIVE BOTTLE RADIO-ACTIVE RESEARCH LABORATORY ALBERT MILLER, AUBURN, CALIFORNIA COPYRIGHT—1927. For Bottles. ALBERT MILLER, Auburn, Calif. Published January 29, 1927.

31,815.—*Title:* MURRAY'S SUPERIOR HAIR DRESSING POMADE. For a Hair Pomade and Hairdressing. CHARLES D. MURRAY, doing business as Murray's Superior Products Co., Chicago, Ill. Published October 18, 1926.

31,816.—*Title:* SWEETHEART MALT-A-MILK. For Bread. NORTHWESTERN DISTRIBUTING CO., Billings, Mont. Published January 17, 1927.

31,817.—*Title:* 'NUCAR' GLOSS. For an Enamel for Automobiles or Other Surfaces Requiring a Glossy Finish. THE NUCAR GLOSS COMPANY, Los Angeles, Calif. Published November 5, 1926.

31,818.—*Title:* ALBA. For Fresh Grapes. PODESTA IMPORT CO., San Francisco, Calif. Published December 1, 1926.

31,819.—*Title:* AMPERITE. For Rheostats. RADIALL COMPANY, New York, N. Y. Published March 2, 1926.

31,820.—*Title:* HAIR SET. For Hairdressing. CHAS. A. RAHAYEL, doing business as Rahayel Freres, Brooklyn, N. Y. Published February 10, 1927.

31,821.—*Title:* ROMAN CLEANSER. For Washing Fluid. JOHN RICCARDI, doing business as Roman Cleanser Company, Detroit, Mich. Published February 3, 1927.

31,822.—*Title:* PURE GOLD. For Table Sirup. RODDENBERY BROS., Cairo, Ga. Published January 3, 1927.

31,823.—*Title:* SCHLITZ GOLD LABEL. For Malt Sirup. JOS. SCHLITZ BEVERAGE COMPANY, Milwaukee, Wis. Published January 17, 1927.

31,824.—*Title:* DUCK SANITARY. For Butchers' Wrapping Paper. SCHMIDTMAN COMPANY, Manitowoc, Wis. Published February 1, 1927.

31,825.—*Title:* THE THOMAS' SPECIAL FORMULA SHAMPOO. For Liquid Hair Shampoo. THE THOMAS PRODUCTS CO., Chicago, Ill. Published January 1, 1927.

31,826—*Title:* THE THOMAS' SPECIAL FORMULA FOR FALLING HAIR. For Preparation for the Treatment of Failing Hair. THE THOMAS PRODUCTS CO., Chicago, Ill. Published January 1, 1927.

31,827.—*Title:* TOM DICK & HARRY. For Shoes. TOM DICK & HARRY OF MASS. INC., New York, N. Y. Published January 20, 1927.

31,828.—*Title:* PRIVATE STOCK. For Malt Sirup. VAL BLATZ BREWING COMPANY, Milwaukee, Wis. Published December 30, 1926.

31,829.—*Title:* LACOMI BRAND SELECTED EGGS. For Eggs. WILBUR W. WALTON, Lacota, Mich. Published November 26, 1926.

31,830.—*Title:* BRIDGE STATIONERY. For Stationery and Envelopes. WHITE & WYCKOFF MFG. CO., Holyoke, Mass. Published January 31, 1927.

PRINTS

REGISTERED MARCH 22, 1927

9,632.—*Title:* BETTER FIT. For Athletic Underwear. THE B. V. D. COMPANY, INC., New York, N. Y. Published February 15, 1927.

9,633.—*Title:* INSIST ON THIS LABEL. For Athletic Underwear. THE B. V. D. COMPANY, INC., New York, N. Y. Published February 15, 1927.

9,634.—*Title:* CHILDREN'S BREAKFAST A BIG SCHOOL PROBLEM, UNIVERSITY REPORTS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 8, 1927.

9,635.—*Title:* FOR DESSERT MY-T-FINE (NO. 1). For Dessert Preparations. THE D & C CO. INC., Wilmington, Del., and Brooklyn, N. Y. Published January 30, 1927.

9,636.—*Title:* FOR DESSERT MY-T-FINE (NO. 2). For Dessert Preparations. THE D & C CO. INC., Wilmington, Del., and Brooklyn, N. Y. Published January 16, 1927.

9,637.—*Title:* FOR DESSERT MY-T-FINE (NO. 3). For Dessert Preparations. THE D & C CO. INC., Wilmington, Del., and Brooklyn, N. Y. Published January 23, 1927.

9,638.—*Title:* FOR DESSERT MY-T-FINE (NO. 4). For Dessert Preparations. THE D & C CO. INC., Wilmington, Del., and Brooklyn, N. Y. Published February 6, 1927.

9,639.—*Title:* THE D & H KIDDIE KOT. For Cots. DREYFORS AND HERTZBERG, INC., New York, N. Y. Published April 22, 1925.

9,640.—*Title:* WE DRESS THEM WHILE YOU WAIT. For Poultry. B. E. GRAY, San Diego, Calif. Published December 1, 1926.

9,641.—*Title:* SAVING TIME AND MONEY IN FENCE BUILDING. For Steel Fence Posts. RED TOP STEEL POST COMPANY, Chicago, Ill. Published January 10, 1927.

9,642.—*Title:* YOU CAN'T AFFORD TO WASTE GOOD FENCING. For Steel Fence Posts. RED TOP STEEL POST COMPANY, Chicago, Ill. Published January 10, 1927.

9,643.—*Title:* MAN, HERE IS A CIGARETTE! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 4, 1926.

9,644.—*Title:* THE STAG AT EVE. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 18, 1926.

9,645.—*Title:* EVERYTHING'S GOING TO BE ALL RIGHT. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 10, 1926.

9,646.—*Title:* COLLEGE GENTLEMEN PREFER P. A. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published December 18, 1926.

9,647.—*Title:* A PRIME FAVORITE ON THE CAMPUS. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 1, 1927.

9,648.—*Title:* 'P. A.—' LETTERS OF RECOMMENDATION! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 15, 1927.

9,649.—*Title:* SMOKING REFRESHMENT THAT NEVER ENDS. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 1, 1927.

9,650.—*Title:* IT'S ALL A MATTER OF PICKING THE PACKING. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 4, 1926.

9,651.—*Title:* IT'S THE TOBACCO THAT MAKES THE CIGARETTE. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY,, Winston-Salem, N. C. Published October 11, 1926.

9,652.—*Title:* THEY CALL ME A 'ROLLING-MILL'. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 18, 1926.

9,653.—*Title:* HERE'S MY SMOKE-PLATFORM. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 18, 1926.

9,654.—*Title:* A CIGARETTE MADE WITH P. A. IS THE MONEY. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 1, 1926.

9,655.—*Title:* TAKE A TIP TO PIPE-JOY. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 1, 1926.

9,656.—*Title:* YOU CAN SIGN YOUR NAME TO THIS—. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 15, 1926.

9,657.—*Title:* P. A. MAKES A PIPE PERFORM. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 15, 1926.

9,658.—*Title:* I'VE GOT A HALF-NELSON ON JIMMY-PIPE JOY. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 29, 1926.

9,659.—*Title:* THAT'S WHAT I CALL A CIGARETTE. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published November 29, 1926.

9,660.—*Title:* FOR MOTHS! SPRAY FLIT. For Insecticide. STANCO DISTRIBUTING CO., New York, N. Y. Published December 7, 1926.

9,661.—*Title:* MURDERED BY FLIES. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,662.—*Title:* A LIFE FOR A LIFE. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,663.—*Title:* BABY'S DEADLIEST ENEMY. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,664.—*Title:* FLIES KILL! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,665.—*Title:* ANTS DESTROY! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,666.—*Title:* ESCAPE THE TORTURE OF FLEAS. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. Y. Published October 25, 1926.

9,667.—*Title:* KILL FLIES—SAVE LIVES. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,668.—*Title:* ROUTED FROM BED! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,669.—*Title:* YOU KEEP MOSQUITOES ALIVE. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,670.—*Title:* FLIT KILLS COCKROACHES! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,671.—*Title:* REPEL THIS FOE! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.
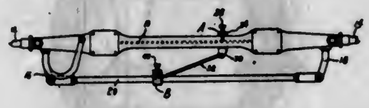
9,672.—*Title:* FLIES ARE MURDERERS. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,673.—*Title:* BEARERS OF DISEASE. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

REISSUES

MARCH 22, 1927.

16,575. TOWING DEVICE. ISAAC E. BOEKENOOGEN and EARL R. AMES, Aitkin, Minn. Filed May 10, 1926. Serial No. 108,204. Original No. 1,579,504, dated Apr. 6, 1926, Serial No. 2,295, filed Jan. 14, 1925. 5 Claims. (Cl. 280—89.)



5. A device attachable to automobiles of various makes and designs for rendering the steering axle thereof rigid for towing purposes, comprising two clamps attachable to various sizes and shapes of axles and rods with means normally exposed to readily tighten the clamps to and loosen them from said axles and steering rods respectively, and a rigid part having a universally flexible attachment to at least one of said clamps, the attachments being such that they will prevent substantial longitudinal movement of said rigid part relative to the clamps and thus prevent relative longitudinal movement between the axle and rod, but being sufficiently flexible to allow attachment between the steering rods and axles of widely different normal positions of axles and rods relatively to each other.

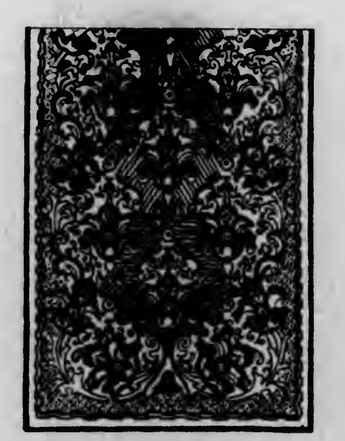
16,576. CREAM-TREATING PROCESS. ROBERT K. COONEY, Toledo, Ohio, assignor, by direct and mesne assignments, to Campbell-Cooney Patents Co., Homer, Mich., a Corporation of Michigan. Filed Oct. 11, 1926. Serial No. 140,766. Original No. 1,599,650, dated Sept. 14, 1926, Serial No. 59,041, filed Sept. 28, 1925. 9 Claims. (Cl. 99—11.)

9. In the preparation of a cream for butter to have its acidity then increased by the addition of a culture the process of treating sour cream comprising adding an alkaline agent for reacting to reduce the acidity and to dissolve the curds while retaining the cream acid, allowing a time to react and warming, and then subjecting to a centrifugal machine for removing products of the reaction.

DESIGNS

MARCH 22, 1927.

72,250. TABLE SCARF. JOSEPH DERK, Philadelphia, Pa., assignor to The Derk Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 9, 1926. Serial No. 19,648. Term of patent 3½ years.



The ornamental design for a table scarf, as shown and described.

72,251. CURTAIN-POLE END. AUGUST DLOUHY, Wallingford, Conn., assignor to H. L. Judd Co., Inc., New York, N. Y., a Corporation of Delaware. Filed July 17, 1926. Serial No. 18,392. Term of patent 3½ years.



The ornamental design for a curtain-pole end, as shown and described.

72,252. WRAPPING PAPER. DOMINGO ESPAGNOL and AGUSTIN ENRIQUE ESPAGNOL, Buenos Aires, Argentina. Filed May 26, 1926. Serial No. 17,864. Term of patent 14 years.



The ornamental design for wrapping paper as shown.

72,253. COMBINED SALT AND PEPPER SHAKER. ALFRED J. FLAUDER, Bridgeport, Conn. Filed Jan. 17, 1927. Serial No. 20,412. Term of patent 7 years.



The ornamental design for a combined salt and pepper shaker substantially as shown.

72,254. COMBINED SALT AND PEPPER SHAKER. ALFRED J. FLAUDER, Bridgeport, Conn. Filed Jan. 18, 1927. Serial No. 20,422. Term of patent 7 years.



The ornamental design for a combined salt and pepper shaker substantially as shown.

72,255. COMBINED SALT AND PEPPER SHAKER. ALFRED J. FLAUDER, Bridgeport, Conn. Filed Jan. 19, 1927. Serial No. 20,423. Term of patent 7 years.



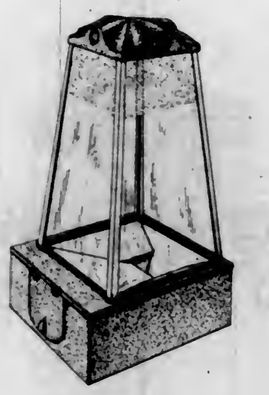
The ornamental design for a combined salt and pepper shaker substantially as shown.

72,256. BADGE. WILLIAM H. HARRIS, Richmond, Va. Filed Oct. 2, 1926. Serial No. 19,221. Term of patent 3½ years.



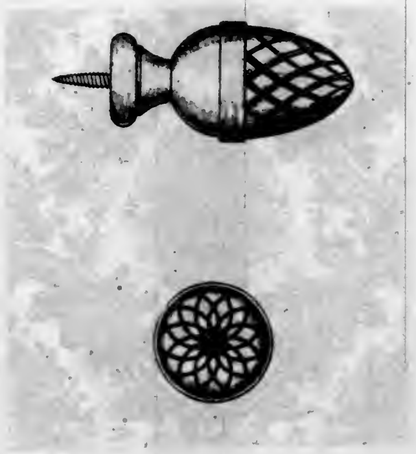
The ornamental design for a badge, as shown.

72,257. CABINET FOR DISPLAYING AND DISPENSING MERCHANDISE. CHARLES F. HAUNZ, Buffalo, N. Y. Filed Dec. 20, 1926. Serial No. 20,100. Term of patent 14 years.



The ornamental design for a cabinet for displaying and dispensing merchandise, as shown.

72,258. POLE END. WILLIAM F. HOFMANN, Brooklyn, N. Y., assignor to H. L. Judd Co., Inc., Wallingford, Conn., a Corporation of Delaware. Filed Nov. 27, 1926. Serial No. 19,863. Term of patent 3½ years.



The ornamental design for a pole end as shown.

72,259. TEXTILE FABRIC. BENJAMIN HOLMES, Philadelphia, Pa., assignor to Morrell Mills, Inc., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 21, 1927. Serial No. 20,448. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

72,260. TEXTILE FABRIC. BENJAMIN HOLMES, Philadelphia, Pa., assignor to Morrell Mills, Inc., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 21, 1927. Serial No. 20,449. Term of patent 3½ years.



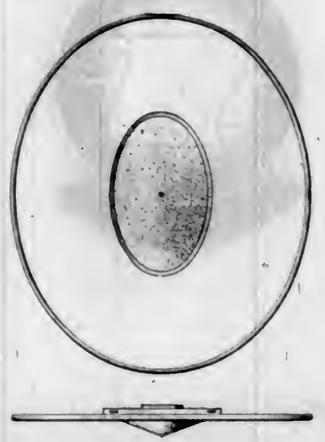
The ornamental design for a textile fabric as shown.

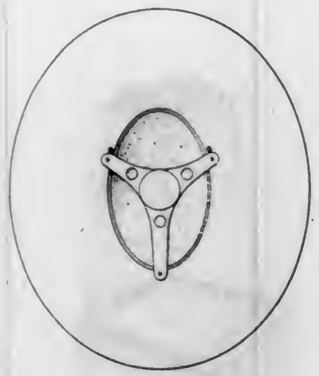
72,261. LOUD SPEAKER. MARCUS C. HOPKINS, Washington, D. C., assignor to Hopkins Corporation, Jersey City, N. J., a Corporation of Delaware. Filed Dec. 22, 1925. Serial No. 15,818. Term of patent 14 years.



The ornamental design for a loud speaker substantially as shown.

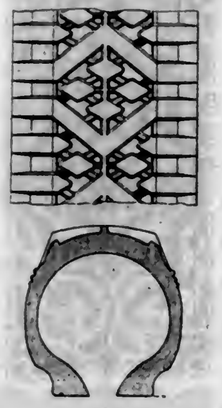
72,262. LOUD SPEAKER. MARCUS C. HOPKINS, Washington, D. C., assignor to Hopkins Corporation, Jersey City, N. J., a Corporation of Delaware. Filed Feb. 5, 1926. Serial No. 16,416. Term of patent 14 years.





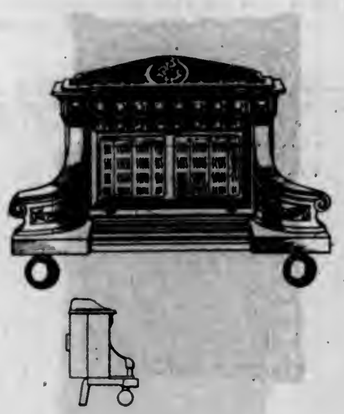
The ornamental design for a loud speaker substantially as shown.

72,263. TIRE OR SIMILAR ARTICLE. RALPH W. HUTCHENS, Eau Claire, Wis., assignor to Gillette Rubber Company, Eau Claire, Wis., a Corporation of Wisconsin. Filed Dec. 13, 1926. Serial No. 20,038. Term of patent 7 years.



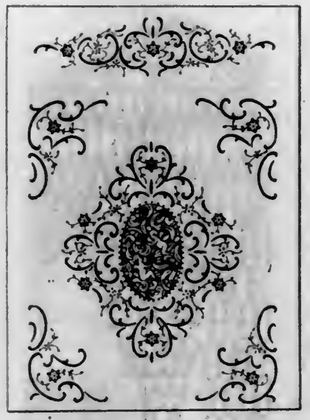
The ornamental design for a tire or similar article, as shown.

72,264. HEATER. BERTRAND B. KAHN, Cincinnati, Ohio, assignor to The Estate Stove Company, Hamilton, Ohio, a Corporation of Ohio. Filed Feb. 14, 1925. Serial No. 12,383. Term of patent 14 years.



The ornamental design for a heater, as shown.

72,265. BED SPREAD. DEMETRIUS KEMP, New York, N. Y., assignor to Kemp & Beatley, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 9, 1926. Serial No. 19,993. Term of patent 3½ years.



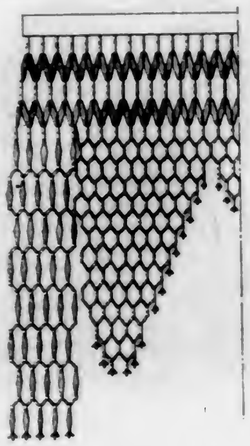
The ornamental design for a bedspread as shown.

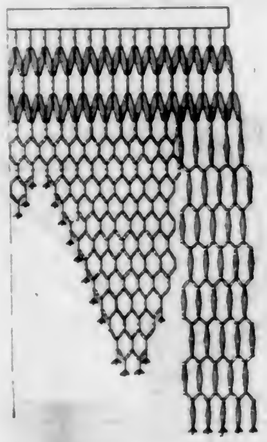
72,266. AUTOMOBILE FENDER. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 14, 1925. Serial No. 15,419. Term of patent 14 years.



The ornamental design for an automobile fender, as shown.

72,267. PORTIÈRE. ELIZABETH LENOYEL, Cleveland, Ohio. Filed Jan. 4, 1927. Serial No. 20,269. Term of patent 7 years.





The ornamental design of a portière as shown.

72,268. LACE TRAY COVER OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 18, 1926. Serial No. 20,086. Term of patent 3½ years.



The ornamental design for a lace tray cover or the like, substantially as shown.

72,269. LACE SCARF OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,194. Term of patent 3½ years.



The ornamental design for a lace scarf or the like substantially as shown and described.

72,270. LACE SCARF OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,195. Term of patent 3½ years.



The ornamental design for a lace scarf or the like substantially as shown and described.

72,271. LACE SCARF OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,196. Term of patent 3½ years.



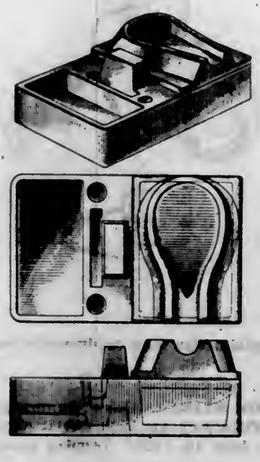
The ornamental design for a lace scarf or the like substantially as shown and described.

72,272. LACE SCARF OR THE LIKE. SALIM N. MALLOUK, Brooklyn, N. Y. Filed Dec. 28, 1926. Serial No. 20,197. Term of patent 3½ years.



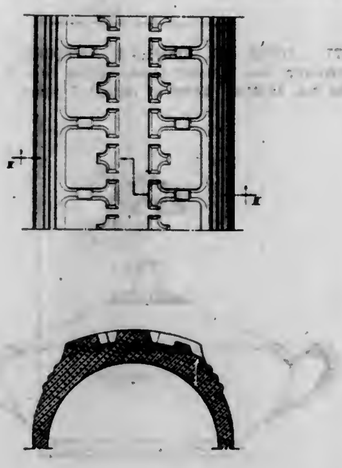
The ornamental design for a lace scarf or the like substantially as shown and described.

72,273. COMBINATION ASH TRAY, MATCHES SUPPORT, AND PIPE REST. ROBERT E. MCELDOWNEY, New Martinsville, W. Va., assignor to New Martinsville Glass Mfg. Co., New Martinsville, W. Va. Filed Jan. 4, 1927. Serial No. 20,276. Term of patent 3½ years.



The ornamental design for a combination ash tray, matches support, and pipe rest, as shown.

72,274. TIRE. JAMES REEVES NEVIUS, Trenton, N. J., assignor to The de Laski & Thropp Circular Woven Tire Company, Trenton, N. J., a Corporation of New Jersey. Filed Feb. 28, 1923. Serial No. 5,326. Term of patent 3½ years.



The ornamental design for a tire substantially as shown.

72,275. CANDY CONFECTION. ORRIL Z. POOLER, East Orange, N. J. Filed Jan. 3, 1925. Serial No. 11,885. Term of patent 3½ years.



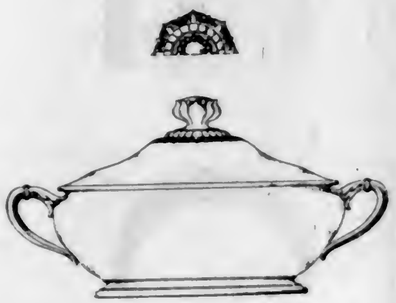
The ornamental design for a candy confection, as shown.

72,276. HAND STAMP. HANS REICHEL, Brunswick, Germany. Filed July 12, 1926, Serial No. 18,329, and in Germany June 16, 1926. Term of patent 14 years.



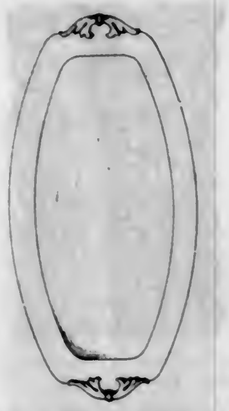
The ornamental design for a hand stamp as shown.

72,277. DISH OR SIMILAR ARTICLE. FERDINAND SCHMIDT, Des Moines, Iowa. Filed Nov. 5, 1926. Serial No. 19,613. Term of patent 7 years.



The ornamental design for a dish or similar article, as shown.

72,278. MEAT PLATTER OR SIMILAR ARTICLE. FERDINAND SCHMIDT, Des Moines, Iowa. Filed Nov. 5, 1926. Serial No. 19,614. Term of patent 7 years.



The ornamental design for a meat platter or similar article, as shown.

72,279. TEAPOT OR SIMILAR ARTICLE. FERDINAND SCHMIDT, Des Moines, Iowa. Filed Nov. 5, 1926. Serial No. 19,615. Term of patent 7 years.



The ornamental design for a teapot or similar article, as shown.

72,280. SUGAR BOWL OR SIMILAR ARTICLE. FERDINAND SCHMIDT, Des Moines, Iowa. Filed Nov. 5. 1926. Serial No. 19,616. Term of patent 7 years.



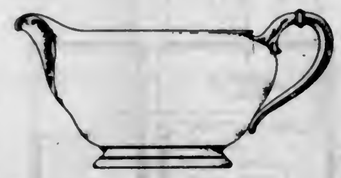
The ornamental design for a sugar bowl or similar article, as shown.

72,281. CUP OR SIMILAR ARTICLE. FERDINAND SCHMIDT, Des Moines, Iowa. Filed Nov. 5, 1926. Serial No. 19,617. Term of patent 7 years.



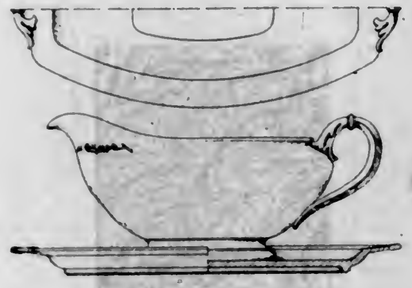
The ornamental design for a cup or similar article, as shown.

72,282. CREAMER OR SIMILAR ARTICLE. FERDINAND SCHMIDT, Des Moines, Iowa. Filed Nov. 5, 1926. Serial No. 19,618. Term of patent 7 years.



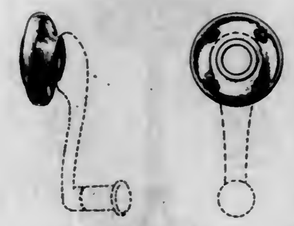
The ornamental design for a creamer or similar article, as shown.

72,283. GRAVY BOAT OR SIMILAR ARTICLE. FERDINAND SCHMIDT, Des Moines, Iowa. Filed Nov. 5. 1926. Serial No. 19,619. Term of patent 7 years.



The ornamental design for a gravy boat or similar article, as shown.

72,284. PLATE FOR AUTOMOBILE WINDOW-REGULATOR HANDLE OR SIMILAR ARTICLE. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed July 23, 1925. Serial No. 14,194. Term of patent 7 years.



The ornamental design for a plate for automobile window regulator handle or similar article, substantially as shown.

72,285. COMBINED FLOOR LAMP AND SMOKING STAND. EDWARD SCHULTE, Chicago, Ill., assignor to The Nagel-Chase Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 20, 1927. Serial No. 20,440. Term of patent 3½ years.



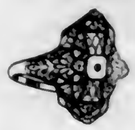
The ornamental design for a combined floor lamp and smoking stand as shown.

72,286. SMOKING STAND. EDWARD SCHULTZ, Chicago, Ill., assignor to The Nagel-Chase Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 20, 1927. Serial No. 20,441. Term of patent 3½ years.



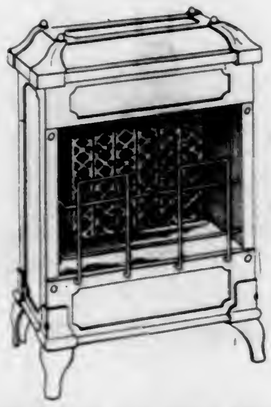
The ornamental design for a smoking stand as shown.

72,287. FINGER RING. SAMUEL SKALETZKY, New York, N. Y., assignor to Skaletzky Bros., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 7, 1927. Serial No. 20,303. Term of patent 3½ years.



The ornamental design for a finger ring, as shown.

72,288. GAS HEATER. JAMES B. SLATTERY, Brooklyn, N. Y. Filed Sept. 17, 1926. Serial No. 19,093. Term of patent 7 years.



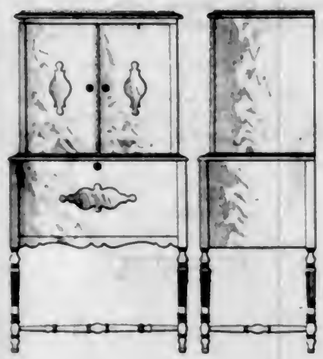
The ornamental design for a gas heater, as shown.

72,289. CURBING SECTION. COMMODORE PERRY SNELL, St. Petersburg, Fla. Filed Oct. 19, 1925. Serial No. 15,169. Term of patent 3½ years.



The ornamental design for a curbing section, as shown.

72,290. RADIOCABINET. DAVID S. SPECTOR, New York, N. Y., assignor to Federal Telegraph Company, San Francisco, Calif., a Corporation of California. Filed Dec. 30, 1926. Serial No. 20,240. Term of patent 14 years.



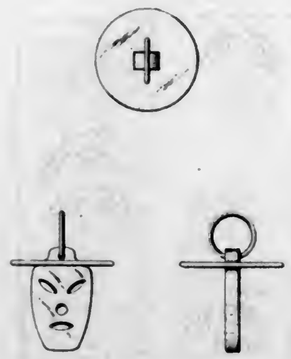
The ornamental design for a radiocabinet as shown.

72,291. COVER PAPER OR THE LIKE. THOMAS L. STONE, Newark, N. J., assignor to Hampden Glazed Paper and Card Company, Holyoke, Mass., a Corporation of Massachusetts. Filed Dec. 8, 1926. Serial No. 19,973. Term of patent 14 years.



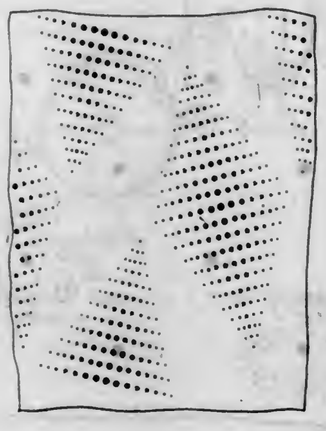
The ornamental design for cover paper or the like as shown.

72,292. BABY'S TOOTH CUTTER. RUSSELL A. TONKS, South Orange, N. J., assignor to Tonka Brothers Co., Newark, N. J. Filed Dec. 31, 1926. Serial No. 20,248. Term of patent 3½ years.



The ornamental design for a baby's tooth cutter as shown.

72,293. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 16,221. Term of patent 3½ years.



The ornamental design for flocked voile fabric, as shown.

72,294. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 16,223. Term of patent 3½ years.



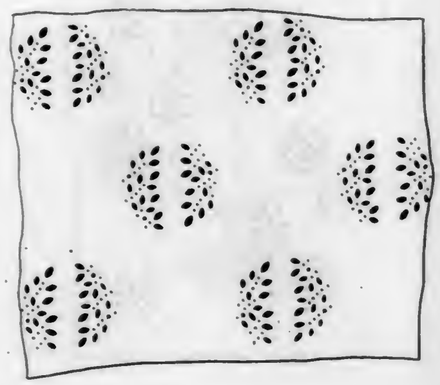
The ornamental design for flocked voile fabric, as shown.

72,295. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 16,224. Term of patent 3½ years.



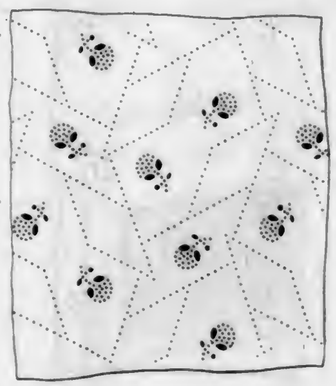
The ornamental design for flocked voile fabric, as shown.

72,296. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 16,226. Term of patent 3½ years.



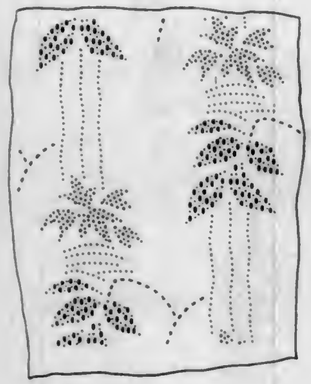
The ornamental design for flocked voile fabric, as shown.

72,297. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 16,227. Term of patent 3½ years.



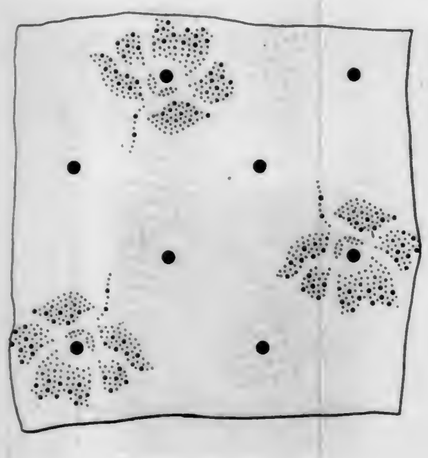
The ornamental design for flocked voile fabric, as shown.

72,298. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 16,228. Term of patent 3½ years.



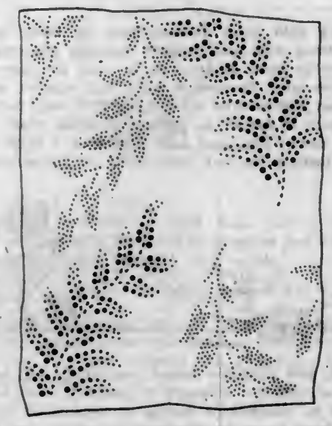
The ornamental design for flocked voile fabric, as shown.

72,299. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 16,229. Term of patent 3½ years.



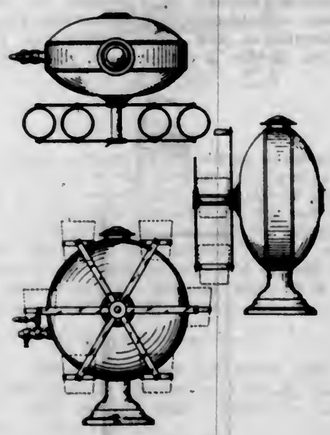
The ornamental design for flocked voile fabric, as shown.

72,300. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 22, 1926. Serial No. 16,230. Term of patent 3½ years.



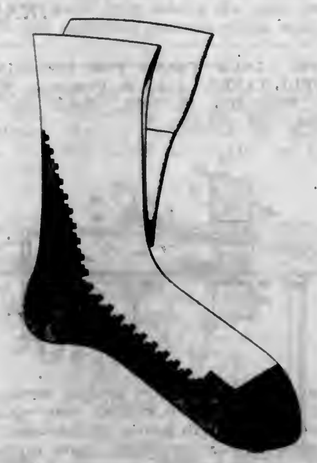
The ornamental design for flocked voile fabric, as shown.

72,301. LIQUID REFRESHMENT DISPENSER. HYMAN WANERMAN, New York, N. Y. Filed Jan. 11, 1927. Serial No. 20,334. Term of patent 3½ years.



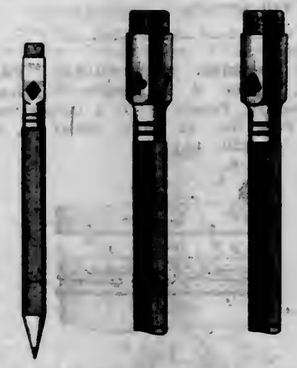
The ornamental design for a liquid refreshment dispenser, as shown.

72,302. STOCKING. ERNEST OSCAR NEBEL, Philadelphia, Pa. Filed Sept. 25, 1926. Serial No. 19,166. Term of patent 7 years.



The ornamental design for a stocking substantially as shown.

72,303. PENCIL. LEO SOLINGER, New York, N. Y., assignor to Eagle Pencil Company, New York, N. Y., a Corporation of Delaware. Filed July 20, 1925. Serial No. 14,142. Term of patent 14 years.

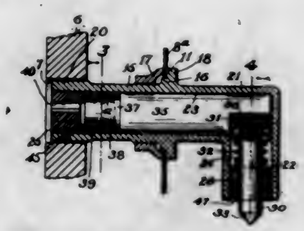


The ornamental design for a pencil, substantially as shown and described.

PATENTS

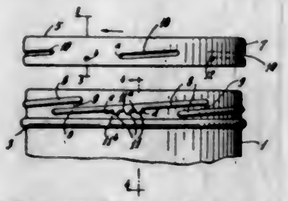
GRANTED MARCH 22, 1927.

1,621,486. LOCK VALVE FOR GASOLINE MOTOR-SUPPLY TANKS. JOHN R. BINGAMAN, West Reading, Pa. Filed May 15, 1926. Serial No. 109,219. 2 Claims. (Cl. 251—6.)



1. In combination with a gasoline motor supply tank having a bottom outlet with an inner valve seat, and a tank-supporting wall having an aperture; an L-shaped lock valve device comprising a main portion extending through and non-rotatably supported intermediately in a polygonal shaped aperture in the tank wall with its outer end projected into said supporting wall aperture and its tank enclosed L-end overhanging said inner valve seat, a spring-retracted valve mounted in said L-end and adapted to said seat, a rotatably mounted member in said main portion having a valve-operating cam at one end and a key-way slot in the opposite end, a key slotted end closure for said main portion, means arranged in said main portion inwardly of the slotted enclosure preventing fluid passage between said main portion and said rotatably mounted member and a set screw for the end closure normally located within said supporting wall aperture.

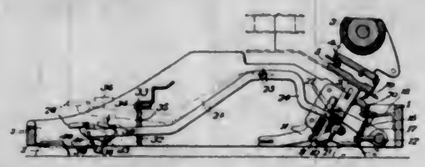
1,621,487. COVERED RECEPTACLE. CHARLES J. AULBACH, Passaic, N. J., assignor to Passaic Metal Ware Company, Passaic, N. J., a Corporation of New Jersey. Filed Nov. 12, 1925. Serial No. 68,525. 7 Claims. (Cl. 220—40.)



1. A container comprising a body having an open end, a cover having a flange to fit around said end, thread means upon the body and flange to detachably retain the cover on the body, and locking means on the body and cover flange distinct from the thread means and cooperative independently of the thread means to prevent accidental loosening of the cover from the body.

1,621,488. TYPEWRITING MACHINE. HENRY ALLEN AVERY, Groton, N. Y., assignor, by mesne assignments, to L C Smith & Corona Typewriters, Inc., Syracuse, N. Y., a Corporation of New York. Filed Apr. 4, 1925. Serial No. 20,729. 11 Claims. (Cl. 197—73.)

1. In a typewriting machine, the combination of a shiftable platen support, a shift key lever, means pivotally supporting said lever intermediate its ends, an abutment shifting with said support engaging the rear end of said lever in such manner as to rock the key-carrying end of the lever downward when the support moves to upper case position and move away from said lever when the support is forced to normal position with the key carrying end of the lever held depressed, a shift lock device for locking the key lever with its key-carrying end



depressed, and yieldable means connecting said lever and support of sufficient strength to maintain said lever and abutment in engagement during movements of the platen support from lower to upper case position but adapted, under excessive thrust transmitted to the support when in upper case position in a direction tending to restore said support to normal case position, to yield sufficiently to permit movement of the support to lower case position while the key lever remains locked.

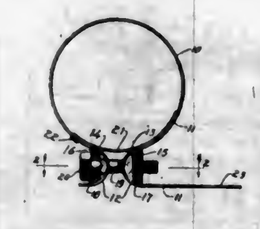
1,621,489. GLASS-CLEANING APPLICATOR. LLOYD H. BARDACH, Chicago, Ill., assignor, by mesne assignments, to Gold Dust Corporation, New York, N. Y., a Corporation of New Jersey. Filed Apr. 17, 1925. Serial No. 23,869. 2 Claims. (Cl. 15—133.)



1. In an applicator of the class described, a hollow flexible member open at its lower end and provided with a rounded top having upwardly extending segmental arcuate ribs, and fluid feeding apertures within the confines of said ribs.

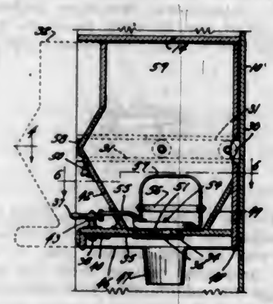
1,621,490. CLAMPING DEVICE. THOMAS BOVEY and SIDNEY J. V. BOVEY, Chicago, Ill.; said Sidney J. V. Bovey assignor to said Thomas Bovey. Filed Dec. 10, 1925. Serial No. 74,661. 2 Claims. (Cl. 24—19.)

1. A clamping device comprising an encircling strap, lugs adjacent the ends of said strap and having concave surfaces, elongated element that is passed through said lugs, separated transverse members at opposite ends of said element each having a convex face engaged with



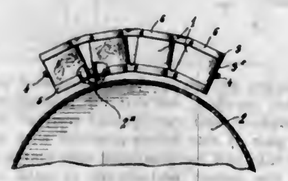
the respective surfaces of said lugs, and a rotatable element engaged with one of said members and adapted to move said members towards each other.

1,621,491. KITCHEN CABINET. EDWIN BURKE, Denver, Colo., assignor to The Midwest Cabinet Company. Filed Dec. 19, 1925. Serial No. 76,479½. 3 Claims. (Cl. 221—14.6.)



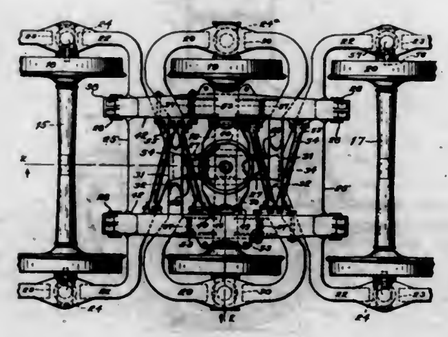
1. In a kitchen cabinet, a bin having an opening in the bottom thereof; a screen covering said opening; a gate arranged to close said opening; an agitator arranged to operate over said screen and move the bin contents thereon; an operating handle arranged to simultaneously move said gate and said agitator; and a stationary bar extending over said opening, said agitator arranged to slide between said bar and said screen so as to maintain said sifter against said screen.

1,621,492. INDICATOR FOR LEAKING AIR, GASES, AND THE LIKE. ERNEST M. CATTLEY, New York, N. Y. Filed Apr. 25, 1925. Serial No. 25,811. 8 Claims. (Cl. 73—51.)



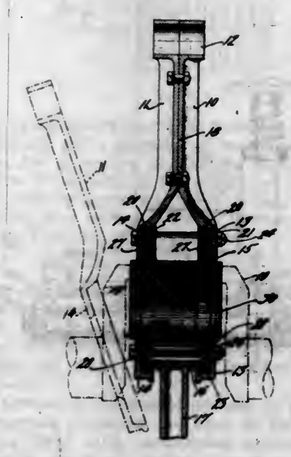
1. An indicator of the character described comprising a series of spaced separate hollow transparent cylinders arranged radially in a circularly disposed row and each having its end extending towards the center of the series open at that part adapted to be placed adjacent a tube, a curved frame comprising strips extending along opposite ends of the cylinders, the inner strip having spaced openings registering with the said open ends of the cylinders, the outer strip closing the outer ends of said cylinders, and agitatable members within said cylinders.

1,621,493. RAILWAY-CAR TRUCK. CARL L. CHARLES, Baltimore, Md., assignor to Boyden Steel Corporation, Baltimore, Md., a Corporation of Maryland. Filed Aug. 27, 1925. Serial No. 52,817. 21 Claims. (Cl. 105—166.)



1. In six wheel trucks, the combination of three journal members and axles for said members, each end member being mounted on a pivot positioned between the central axle and the side of the central member adjacent thereto, whereby each end member moves only angularly about said pivot.

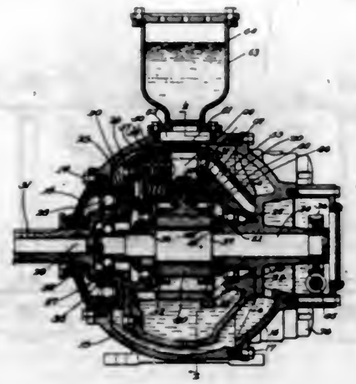
1,621,494. CONNECTING ROD FOR ENGINES. ROLAND CHILTON, Keyport, N. J., assignor to Healey-Aeromarine Bus Company, Inc., a Corporation of New York. Filed Jan. 12, 1926. Serial No. 80,756. 14 Claims. (Cl. 74—17.)



1. A connecting rod assemblage including in combination, a crank pin bearing comprising separable portions, hinge pin means on said bearing adapted to support one

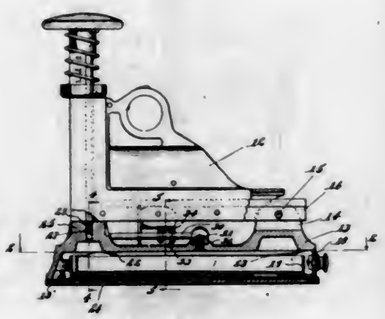
end of a plurality of auxiliary rods, and a master rod provided with an integral ring portion adapted to embrace said bearing in a manner as to maintain the portions thereof in fixed relation.

1,621,495. ROTARY PUMP. CONRAD M. CONRADSON, Green Bay, Wis. Filed Mar. 6, 1926. Serial No. 92,749. 62 Claims. (Cl. 103—38.)



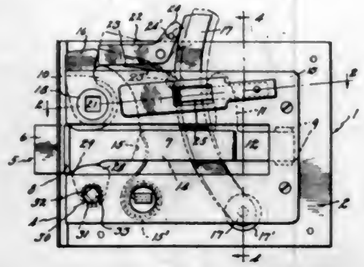
1. A pump comprising a rotary cylinder-carrying member, a crank pin about which said cylinder-carrying member rotates, pistons connected with said crank pin, a rotary shaft for supporting said crank pin, and means for shifting the axis of said crank pin when said shaft is rotated.

1,621,496. STAPLER. JOHN B. CROFOOT, Arlington Heights, Ill. Filed May 7, 1925. Serial No. 28,545. 5 Claims. (Cl. 1—2.3.)



3. In a stapler, a base having a flanged seat, and gage mechanism including a guide member wtih a head firmly but removably mounted in said flanged seat, and gage means adjustably mounted on said member.

1,621,497. DOOR LATCH. WILLIAM C. DEVEREAUX, Detroit, Mich. Filed Apr. 6, 1925. Serial No. 21,104. 11 Claims. (Cl. 292—164.)



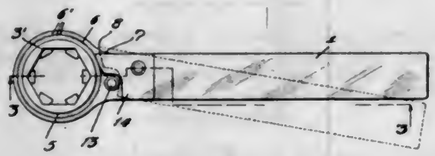
1. In a door latch, the combination with a case plate, and a lever mounted thereon for swinging movement, of means on the case plate engageable with the lever for retarding the swinging movement thereof.

1,621,498. CHECK VALVE FOR RESPIRATING APPARATUS. ALEXANDER BERNHARD DRÄGER, Lubeck, Germany. Filed Apr. 22, 1926, Serial No. 103,680, and in Germany July 4, 1925. 5 Claims. (Cl. 251—122.)



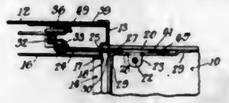
5. A check-valve for respirating apparatus comprising a carrier including an annular seat, a flexible diaphragm adapted to rest on said annular seat, a plurality of flexible ears projecting radially from the periphery of the diaphragm for maintaining the latter in operative relation to said seat, and an annular nange on said carrier independent of said diaphragm and surrounding the periphery thereof to enclose the valve elements and constituting a means for enabling the valve to be conveniently gripped.

1,621,499. RATCHET WRENCH. STONE R. ENBERG, Worcester, Mass., assignor to Walden-Worcester, Incorporated, Worcester, Mass., a Corporation of Massachusetts. Filed July 2, 1925. Serial No. 41,037. 2 Claims. (Cl. 81—60.)



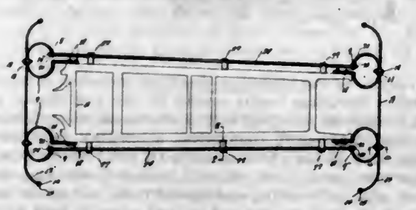
1. A ratchet wrench comprising a collet provided with a polygonal opening, an exterior mid-section having a nurled periphery, and exterior end sections of reduced diameter, a pair of side plates provided with holes adapted to receive said end sections, said side plates being spaced apart by the nurled mid-section of said collet, means for securing said side plates in place consisting of a pair of rivets, a handle pivoted between said side plates on one of said rivets, said handle being provided with a plurality of ratchet teeth adapted to engage the nurled section of said collet.

1,621,500. HINGE. CHARLES M. FITCH, Kankakee, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a Corporation of New York. Filed May 23, 1925. Serial No. 32,274. 26 Claims. (Cl. 126—191.)



1. A hinge for mounting a door on a door frame comprising, in combination, a member pivoted on said frame, a pair of links each connecting said member and said door, one of the links being arranged for endwise movement and pivotally supporting the door, said other link being adapted to move said member about its axis as the door is opened.

1,621,501. BUMPER. JULIUS FLOTO, Chicago, Ill., assignor to John W. Telling, Chicago, Ill. Filed Jan. 21, 1926. Serial No. 82,631. 6 Claims. (Cl. 293—55.)

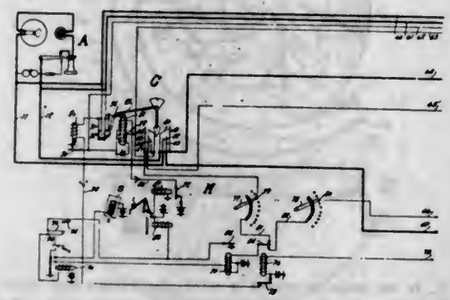


1. A device of the class described comprising a bumper means at the front end and bumper means at the rear end of a vehicle, both being resiliently connected and supported on the vehicle frame, and through uninterrupted thrust means extending between and connecting both of said bumper means for transferring shock from one bumper means to the other.

1,621,502. GOLDBEATER'S FOIL. SALY FREUND and BERTRAM STAUFFER, Nuremberg, Germany. Filed Apr. 29, 1926, Serial No. 105,608, and in Germany Mar. 16, 1925. 4 Claims. (Cl. 29—17.)

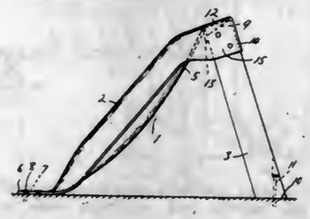
1. As a new article of manufacture, a gold-beater's foil formed of cellulose hydrate.

1,621,503. AUTOMATIC TELEPHONE SYSTEM. JOHN E. GARDNER, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Oct. 17, 1921, Serial No. 508,351. Renewed June 5, 1926. 37 Claims. (Cl. 179—18.)



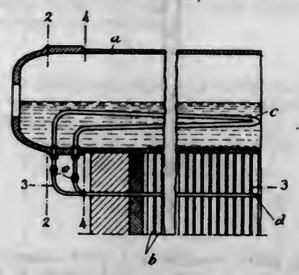
1. In a telephone system, main and branch exchanges, telephone lines in both exchanges, automatic switches in both exchanges, trunk lines extending from the branch to the main exchange, means controlled from a calling one of said telephone lines in said branch exchange for operating a series of said automatic switches to set up a connection with one of said telephone lines in said main exchange over one of said trunk lines, and automatic means controlled by said calling subscriber for then extending the connection by automatic switches in the branch exchange to another called line in said branch exchange.

1,621,504. WHEEL BLOCK. CHARLES A. GOODSPEED, Detroit, Mich., assignor to Wm. W. Blakely, Detroit, Mich. Filed June 8, 1925. Serial No. 35,751. 9 Claims. (Cl. 188—32.)



1. A wheel block comprising an inclined sheet metal member having a flat bearing portion and marginal flange portions, an oppositely inclined brace for the upper end of the said member, means securing the flange portions of said member to the sides of said brace, and means rigidly securing the flat bearing portion of said member to the upper end of said brace.

1,621,505. STEAM GENERATOR. OTTO H. HARTMANN and ALFRED HERMANUZ, Cassel-Wilhelmshohe, Germany, assignors to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshohe, Germany. Filed Mar. 23, 1925, Serial No. 17,609, and in Germany Mar. 26, 1924. 8 Claims. (Cl. 122—34.)

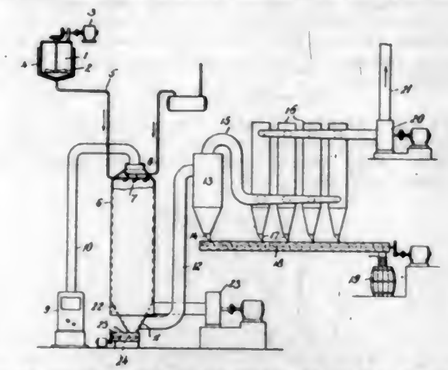


1. In a steam generator, means including a steam and water container and a plurality of water tubes connected therewith; for generating part of the steam directly, a tube system for generating the other part of the steam indirectly, the heat-receiving portion of said tube system being located as a protective screen in front of parts of said container exposed to extreme heat.

1,621,506. MANUFACTURE OF A FINELY-DIVIDED DRY SOAP PRODUCT. ROBERT L. HOLLIDAY, New York, N. Y., assignor to Industrial Spray-Drying Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 19, 1926. Serial No. 102,860. 4 Claims. (Cl. 87—16.)

2. The process of manufacturing soap in powder form which comprises preparing the soap in the form of a free flowing liquid stock, evaporating moisture from the liquid stock by spraying it in the form of fine drops into the initial portion of a current of heated drying gas which entrains substantially all of the said liquid drops and positively carries the said drops and the soap particles resulting therefrom along through the apparatus

in like manner of flow while evaporation is taking place, whereby the said particles remain in suspension in the gas current until the moisture content thereof is reduced



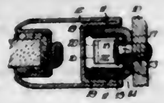
to the desired value and then separating the said particles from the gas current and collecting them to form a powdered soap product.

1,621,507. SASH GUIDE. THOMAS W. HOLT, Elkhart, Ind., assignor to Curtain Supply Company, Elkhart, Ind., a Corporation of Illinois. Filed May 25, 1925. Serial No. 32,536. 7 Claims. (Cl. 20—69.)



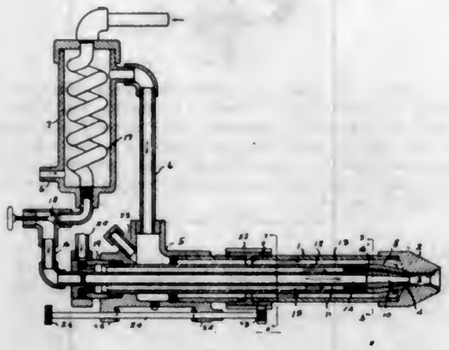
1. A sash guide, comprising a rigid channel strip of tapered formation adapted to be attached to a window jamb with the smaller end of the strip at the bottom of the jamb, and a plurality of spring-pressed sash-engaging elements secured within the strip and projecting from the contour of the same.

1,621,508. SASH GUIDE. THOMAS W. HOLT, Elkhart, Ind., assignor to Curtain Supply Company, Elkhart, Ind., a Corporation of Illinois. Filed May 25, 1925. Serial No. 32,537. 11 Claims. (Cl. 20—69.)



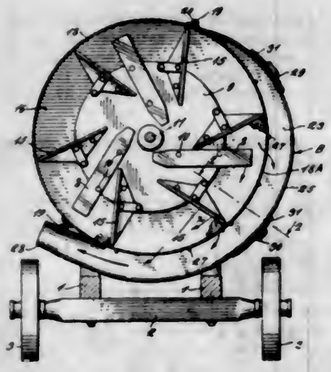
1. A sash guide comprising a rigid strip, and a substantially coextensive resilient strip secured to the rigid strip and having a sash-engaging portion projecting laterally beyond such strip for resiliently yielding movement toward the same.

1,621,509. OIL VAPORIZER AND BURNER. GRANVILLE A. HUMASON, Houston, Tex., and CHARLES G. LAMBERT, Shreveport, La., assignors of one-third to J. A. Logan, Harris County, Tex. Filed Feb. 12, 1926. Serial No. 87,744. 1 Claim. (Cl. 158—74.)



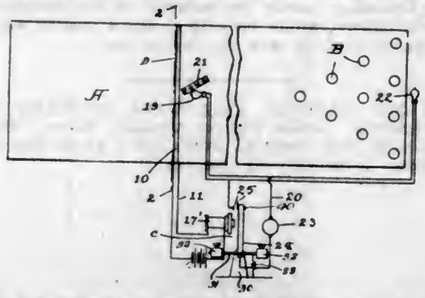
A device of the character described including a tubular jacket, a discharge nozzle carried by one end thereof and a T connection attached to the other end thereof, an oil line entering said T connection, a pressure fluid nozzle within said jacket provided with an axial steam duct, a steam pipe one end of which is threaded into said duct, an air pipe surrounding and spaced from said steam pipe, one end of which is anchored to said pressure fluid nozzle, said last mentioned nozzle having ducts for the passage of air delivered through said air pipe, a connecting nipple attached to said T connection and aligned with said jacket, said air and steam pipes being adjustable relative to said connecting nipple, an adjusting cap threaded on to said nipple and having a swiveling but operative connection with said steam pipe and by the manipulation of which said air and steam pipes and said pressure fluid nozzle may be adjusted relative to said discharge nozzle.

1,621,510. ENSILAGE CUTTER. CHARLES W. KEITH, Denver, Colo. Filed Apr. 5, 1926. Serial No. 99,810. 5 Claims. (Cl. 146—107.)



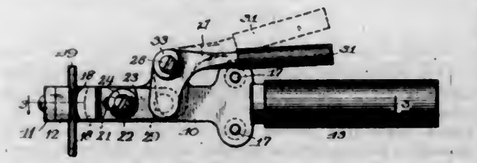
1. In an ensilage cutter, a rotor, fan blades and cutter blades mounted thereon, a casing enclosing said rotor and a foraminous partition curved about the center of rotation of the rotor and lying closely adjacent the peripheries of the fan blades to provide an exhaust passage for material passing through said partition.

1,621,511. FOUL INDICATOR FOR BOWLING ALLEYS. AUGUST J. KEMPIEN, St. Paul, Minn. Filed Sept. 22, 1919. Serial No. 325,548. 5 Claims. (Cl. 273—50.)



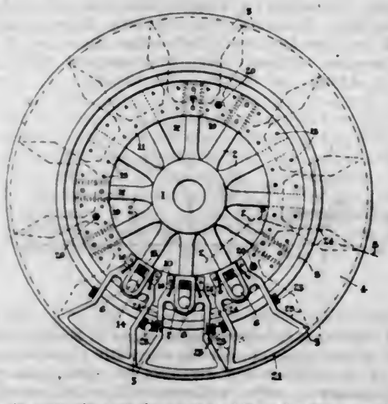
1. A foul indicator comprising a signal device, means for operating said signal device, including a member positioned in the floor of the bowling alley, a circuit including a magnet with its armature controlled thereby and a weighted member carried by the pivot of said armature to create a high moment of inertia whereby the signal device is inoperative upon a momentary actuation of said floor member.

1,621,512. HOLDER FOR ELECTRIC-WELDING ELECTRODES. CHARLES J. KOTCHI, Chicago, Ill., assignor to Koro Electric Corporation, Chicago, Ill., a Corporation of Illinois. Filed Jan. 29, 1926. Serial No. 84,565. 17 Claims. (Cl. 219—8.)



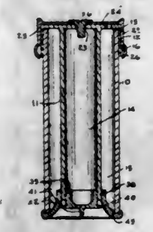
1. A holder of the character described including a handle, a fixed jaw, connected with the handle, a movable jaw co-operating with the fixed jaw, means for actuating the movable jaw, and means for frictionally maintaining the said movable jaw in its adjusted position with respect to the fixed jaw.

1,621,513. WHEEL ATTACHMENT. JAMES VINT LAUGHLAND, Richmond, Ontario, Canada. Filed Feb. 9, 1926. Serial No. 87,149. 6 Claims. (Cl. 301—47.)



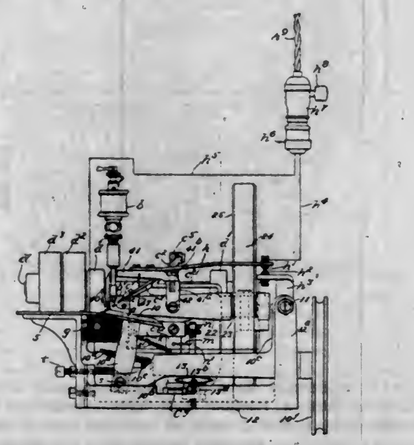
1. An attachment for automobile wheels comprising a series of members normally cooperating to present a substantially continuous circular outer surface, and means for pivotally mounting each of said members, each member having inclined surfaces over which may slide a part of the adjacent member to cause a simultaneous rocking movement of all the members on their respective pivots.

1,621,514. TABLE CASTER. OSWALD WYNDHAM MANN, Montreal, Quebec, Canada. Filed Dec. 23, 1925. Serial No. 77,248. 1 Claim. (Cl. 65—45.)



A table caster comprising inner and outer casings forming a central chamber and an annular chamber, said inner casing having internal and external threads adjacent to its lower end, a central bottom stopper screwing into the internal thread of said inner casing, an annular stopper screwing into the external thread of said inner casing and engaging the lower end of said outer casing, and a cover at the upper end common to both casings and flanged over the outer casing, said cover being formed of an inner part rigid with the casings and having slots into said central and said annular chambers respectively and an outer part rotatable on the inner part and having holes in groups adapted to register with said slots and view openings in the side wall or flange adapted to disclose labels denoting the contents.

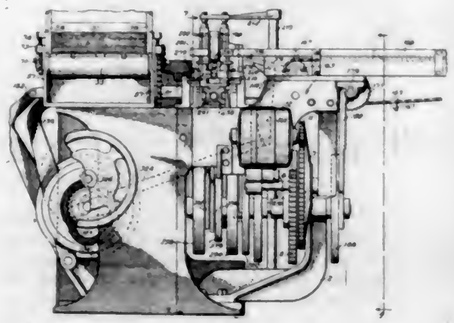
1,621,515. LEATHER-EDGE-FINISHING MACHINE. FRANK W. MERRICK, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Dec. 14, 1920. Serial No. 430,618. 30 Claims. (Cl. 69—17.)



1. The combination with an edge-finishing tool, of means for feeding coloring or finishing substance or preparation for application to the edge face of the material

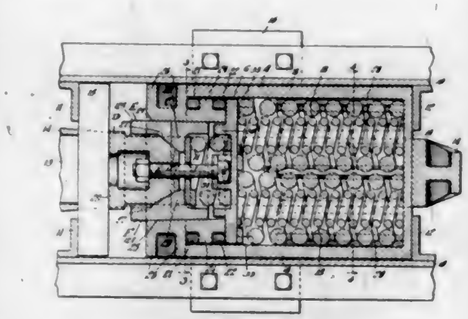
which is operated upon in advance of the tool itself, controlled by the material and operating to feed in the presence of the material and suspend the feeding in the absence of the material.

1,621,516. FOLDING AND FILLING MECHANISM FOR WRAPPING MACHINES. MICHAEL J. MILMOE, Chicago, Ill., assignor to F. B. Redington Company, Chicago, Ill., a Corporation of Illinois. Original application filed Mar. 31, 1919, Serial No. 286,345. Divided and this application filed Sept. 15, 1920. Serial No. 410,401½. 106 Claims. (Cl. 93—6.)



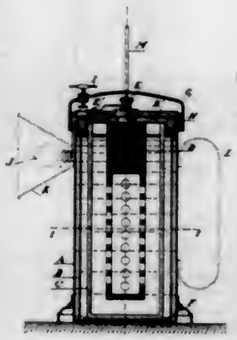
1. In combination, a support for a carton blank, a member having an inclined surface for engaging one edge of said blank, and means for moving said member relative to said blank to cause the edge of said blank to travel along said inclined surface to fold said blank into the form of an open carton.

1,621,517. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a Corporation of Delaware. Filed July 18, 1925. Serial No. 44,420. 6 Claims. (Cl. 213—32.)



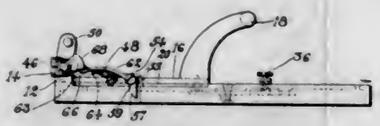
1. In a friction shock absorbing mechanism, the combination with a friction shell having retaining means thereon; of a casing open at one end and having retaining means for the shell at said open end for limiting the relative movement of the shell and casing longitudinally, said casing rearwardly of the shell forming a spring cage having substantially continuous top, bottom, side and end walls; twin arranged springs within the casing occupying substantially the entire available spring space thereof and adapted to be inserted through the open end of said cage, the retaining means of said casing being recessed to permit free insertion of said springs; a spring follower within the casing; and a friction wedge system cooperating with the friction shell.

1,621,518. ELECTRIC CELL WITH CONSTANT INTENSITY. JOSEPH PELLINI, Marseille, France. Filed June 30, 1925, Serial No. 40,477, and in France Nov. 22, 1924. 2 Claims. (Cl. 136—83.)



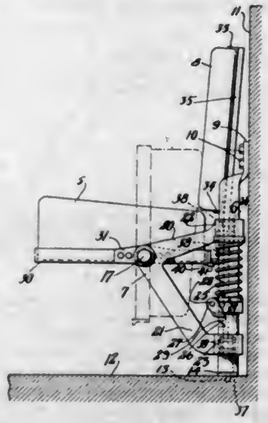
1. A two-liquid electric battery having a constant intensity for a predetermined time, comprising an outer vessel forming the negative element, a centrally disposed hollow perforated carbon member forming the positive element, a porous tubular member within said outer vessel and separating the same from said carbon member, an electrolyte consisting of a solution of magnesium sulphate, potassium sulphate and sodium sulphate in water carried by said outer vessel between it and said porous member, and a depolarizing liquid carried within said porous member and composed of a slightly acidulated solution of sodium bichromate in water, the relative proportions of the depolarizing liquid and electrolyte being regulated so as to retain constant intensity for a predetermined time.

1,621,519. APPARATUS FOR OPERATING ON PARTS OF SHOES. ERNEST E. SABIN, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 18, 1925. Serial No. 16,361. 12 Claims. (Cl. 12—52.)



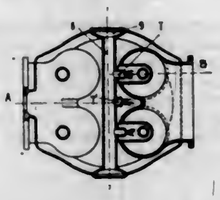
1. In apparatus for operating on parts of shoes, a work support, a pair of pins projecting vertically from said support and constructed and arranged to enter holes previously formed in each of a plurality of shoe parts, a stripper, an actuator for said stripper, and automatically acting devices for connecting said stripper to and disconnecting it from said actuator.

1,621,520. SEAT. HERBERT W. SNYDER, Lima, Ohio. Filed Sept. 24, 1925. Serial No. 58,219. 3 Claims. (Cl. 155—51.)



1. A device of the character described comprising upright guide means, a bracket with upper and lower arms slidably engaging said guide means, a seat carried by said bracket, and spring supporting means for said bracket adjustable along said guide means between said arms.

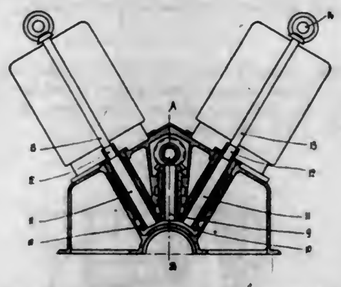
1,621,521. MEANS FOR COOLING THE VALVE STEMS AND SEATS IN INTERNAL-COMBUSTION ENGINES. GIULIO CESARE CAPPA, Turin, Italy. Filed Feb. 18, 1925, Serial No. 8,905, and in Italy Feb. 23, 1924. 1 Claim. (Cl. 123—173.)



The combination of a cylinder for internal combustion engines, having guides for the stems of the inlet and exhaust valves of the engine, inlet and exhaust pipes having large heat exchanging surfaces forming recesses surrounding and extending between the valve guides, a cooling jacket surrounding the cylinder and extending above the latter thereby enclosing said guides and heat exchanging surfaces, water supply pipes extending longitudinally of the cylinder between the wall of the latter and the jacket, an extension of the supply pipe extending horizontally through the jacket across the top of the cylinder head, and nozzles in said extension for discharging water onto the valve guides and into the recesses and water jacket through the top of the latter.

1,621,522. VALVE GEAR FOR INTERNAL-COMBUSTION ENGINES. GIULIO CESARE CAPPA, Turin, Italy. Filed Mar. 5, 1925, Serial No. 13,278, and in Italy Mar. 24, 1924. 3 Claims. (Cl. 123—55.)

1. In an internal combustion engine comprising two rows of oppositely inclined cylinders having overhead valves, and cam-shafts for operating the latter, the combination with a crank shaft, a driving shaft parallel to the latter and driven thereby, of a short auxiliary shaft mounted perpendicular to the driving shaft in a plane bisecting the angle formed by the adjacent rows of cylinders

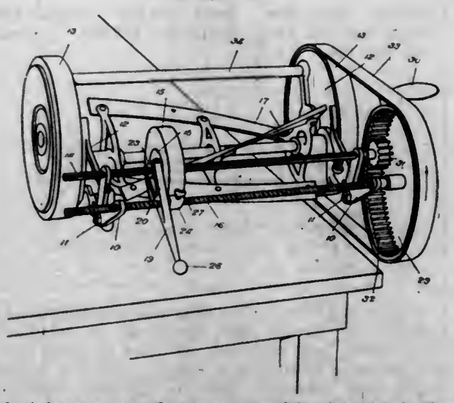


and in the middle cross plane of the engine, and means operatively connecting the short auxiliary shaft with the cam shafts.

1,621,523. TITANIUM ALLOY. ALVAH W. CLEMENT, East Cleveland, Ohio, assignor, by mesne assignments, to Ludlum Steel Co., Watervliet, N. Y., a Corporation of New Jersey. Filed Dec. 18, 1917. Serial No. 207,751. 5 Claims. (Cl. 75—1.)

1. An alloy containing chromium in proportion varying from 10 to 30 percent, titanium in proportion from 5 to 12 percent, silicon in excess of the proportion normally present as an ordinary impurity and not exceeding 1 percent, the balance being aluminum and iron with carbon sufficiently low to avoid making the alloy so hard as to be difficult to work, the aluminum being present in appreciable amount and up to 10%.

1,621,524. LAWN-MOWER SHARPENER. SANFORD E. CLINE, Greensburg, Ind. Filed Feb. 11, 1925. Serial No. 8,481. 2 Claims. (Cl. 51—249.)

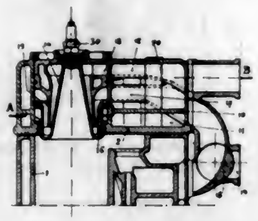


1. A lawn mower sharpener comprising brackets having means for attaching them to the frame of a lawn mower, two shafts mounted for rotation in said brackets, a grinding wheel slidable on and rotatable with one of said shafts, the other shaft having a member mounted on the second named shaft and cooperable with the grinding wheel to move the grinding wheel with it, and means for rotating said shafts, said member being provided with a projecting portion to bear slidably on a supporting surface on which the lawn mower is placed.

2. A lawn mower sharpener comprising two shafts, means for mounting them for rotation, a grinding wheel slidable on and rotatable with one of said shafts, the other shaft having a screw thread, a member mounted on

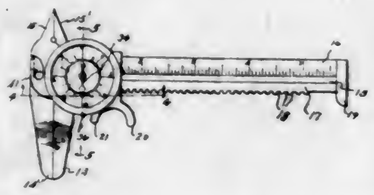
the second named shaft and arranged for moving the grinding wheel with it, a driving wheel on one of said shafts, a belt for connecting said driving wheel with one wheel of a lawn mower, and internal gear connection between said driving wheel and the other shaft.

1,621,525. HEAVY-OIL INTERNAL-COMBUSTION ENGINE. LUIGI CORSI, Turin, Italy. Filed Dec. 26, 1924, Serial No. 758,243, and in Italy Dec. 27, 1923. 4 Claims. (Cl. 123—35.)



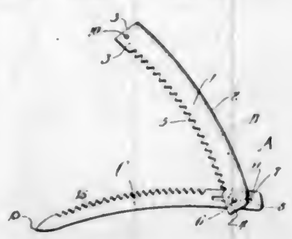
1. In an internal combustion heavy oil engine, the combination with a cylinder, and a suction valve therein, of a hollow head on the cylinder having a tubular conduit corresponding to the cylinder, a partition subdividing the head into an upper and a lower compartment, the lower compartment forming a cooling jacket for the head, a bell-shaped casing within the tubular conduit and communicating with the cylinder through its enlarged end, a spark plug at the vertex of said casing, an annular chamber between the casing and tubular conduit, a conduit extending through said upper compartment and connecting the annular chamber with the suction valve, and a second conduit extending through the upper compartment for conveying vaporized fuel from a carburetter to the annular chamber.

1,621,526. CALIPER. JOHN CULELL, Detroit, Mich. Filed Sept. 14, 1923. Serial No. 662,619. 2 Claims. (Cl. 33—147.)



A measuring device of the class described comprising an elongated bar having teeth formed on one longitudinal edge thereof, said elongated bar being provided with a slot extending longitudinally thereof; a pair of engaging fingers each projecting from the opposite longitudinal edges of said bar adjacent one end thereof; a bar slidably mounted in said slot; a pair of fingers projecting from the opposite longitudinal edges of said slidably mounted bar; the fingers on the respective sides of said bars being adapted for cooperating for engaging material to be measured; a housing carried by the said slidably mounted bar, said housing having a plurality of recesses formed therein; a plurality of gears mounted in said recesses in operative relation one of said gears being adapted for engaging the teeth on the edge of the said pair; a dial carried by said housing; a pointer connected to one of said gears and adapted upon the movement of said slidably mounted bar relatively to the other bar for indicating on said dial the distance of movements.

1,621,527. HAIR-WAVING DEVICE. KARL EKLUND, Forest Park, and MYRTLE A. LOECK, La Grange, Ill., assignors to W. E. Keough Company, Forest Park, Ill., a Corporation of Illinois. Filed Aug. 13, 1926. Serial No. 128,934. 3 Claims. (Cl. 132—8.)

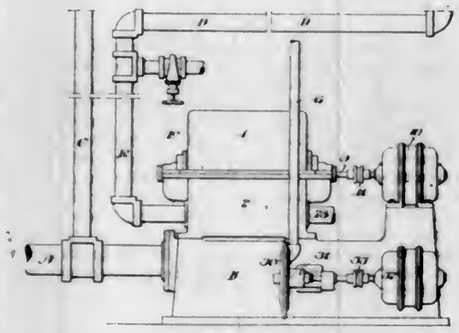


1. The improved hair waver comprising upper and lower inter-fitting members, pivotally united at one end, and between which members the strands of a lock of hair are transversely held to form a wave, and means for shifting the lower member longitudinally within the upper member to lock the two members together and simultaneously shift the angle of the held hair strands, the lower margins of the upper member and the upper margin of the lower member being provided with comb-like teeth.

1,621,528. COMPOSITION OF MATTER FOR TREATING ANIMAL TISSUE. CARLETON ELLIS, Montclair, N. J. Filed Sept. 21, 1921. Serial No. 502,285. 5 Claims. (Cl. 167—9.)

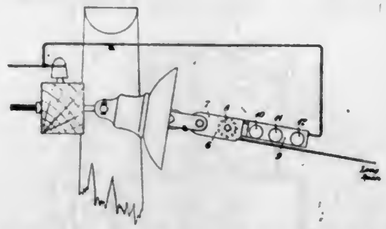
3. A composition of matter adapted for treating animal tissues comprising aluminum halide dissolved in a solvent comprising alcohol and water, the composition being stable, whereby the solution of the halide becomes rapidly absorptive by animal tissue.

1,621,529. APPARATUS FOR WITHDRAWING WATER OF CONDENSATION AND GASES ENTRAINED THEREWITH FROM STEAM HEATING SYSTEMS. JAMES LOGAN FITTS, Merchantville, N. J., and KARL W. ROHLIN, Philadelphia, Pa., assignors to Warren Webster & Company, Camden, N. J., a Corporation of New Jersey. Filed June 20, 1923. Serial No. 646,554. 18 Claims. (Cl. 103—6.)



1. The combination, with the return line of a steam or vapor heating system, of a centrifugal pump in communication with such return line for receiving and returning to the boiler the water of condensation collecting in the return line, and a turbo-blower also in communication with said return line and serving to raise the pressure of the entrained air and gas accompanying the water of condensation from the return line to that of the atmosphere and discharge the same thereto simultaneously with the delivery of the water of condensation to the boiler.

1,621,530. DEAD-ENDING CLAMP. PAUL G. FITZPATRICK, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 16, 1924. Serial No. 732,526. 3 Claims. (Cl. 24—125.)



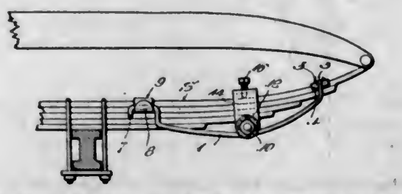
1. A dead ending clamp comprising a member having a forked portion and a clamp plate portion, a grooved wheel rotatably mounted within said forked portion, and a second clamp plate, said wheel being so positioned that the end of a span of wire will be carried over the wheel before passing between the clamp plates.

1,621,531. VENTILATOR. MAMIE MATHER GARLAND, Chicago, Ill., assignor to Garland Ventilator Company, Chicago, Ill., a Corporation of Illinois. Filed June 7, 1926. Serial No. 114,096. 3 Claims. (Cl. 98—20.)



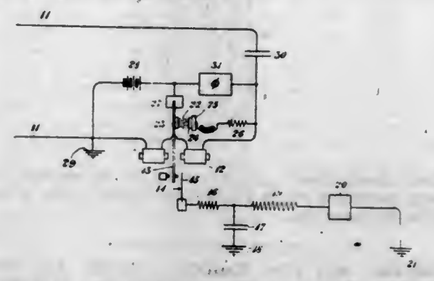
1. In a ventilator, the combination of a base having an opening to coincide with a similar aperture through the roof of the structure to be ventilated and an upstanding flange around the margin of said opening, sidewalls rising from said base, a top-wall of less length than and connecting said side-walls with a space between the under side of said top-wall and the top edge of said flange, intermediate transverse walls to the front and rear of said base opening extending from said base to said top-wall but terminating short of said side-walls and located inwardly away from the front and rear margins of said top-wall, and end-walls upstanding from the front and rear ends of said base with spaces between them and said top-wall, said side-walls just above said base having drain holes therethrough with outstanding lips at their ends to direct the outside currents of air to increase the suction at said drain holes.

1,621,532. SHOCK ABSORBER. HOWARD B. GATES, Palatka, Fla. Filed Jan. 23, 1925, Serial No. 4,195. Renewed Jan. 7, 1927. 5 Claims. (Cl. 267—26.)



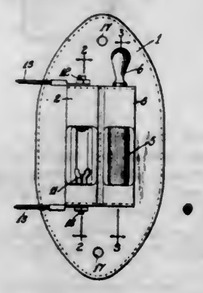
1. A shock absorber comprising two lengths of spring rod for disposition at opposite sides of a vehicle spring, said lengths being coiled between their ends to form eyes, a transverse member adapted to underlie the spring, said member having its ends mounted in said eyes, transverse means connecting said lengths at one end of the latter and adapted to overlie the spring near an end of the same, and an arched saddle connected with the other ends of said lengths for supporting the same.

1,621,533. ALTERNATING-CURRENT RELAY. DAVID GRIMES, Tompkinsville, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 29, 1921. Serial No. 525,726. 5 Claims. (Cl. 175—320.)



1. In an alternating current relay a local source of energy and means governed by the relay armature to apply this energy to the armature in phase with incoming energy to the relay.

1,621,534. PORTABLE LIGHTER. WALTER A. GUHMAN, New York, N. Y. Filed Dec. 27, 1922. Serial No. 609,218. 2 Claims. (Cl. 175—91.)

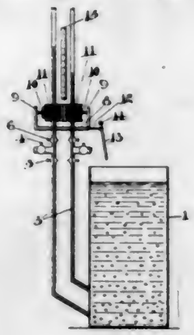


2. In a portable electric lighter, the combination of a casing adapted to be attached to an automobile, two pockets in said casing, both of the pockets being cut away intermediate their length, a sparker in one of said pockets provided with a gap which registers with said cutaway portion and having terminals leading from each end thereof the electrodes of which are located at each end of the pocket, the other of said pockets containing a receptacle for inflammable liquid and a removable igniter which has means at its tip for holding inflammable material, the whole operating substantially as and for the purpose set forth.

1,621,535. APPARATUS FOR DETERMINING THE SPECIFIC GRAVITY OF ORE PULPS AND THE LIKE. HERBERT E. T. HAULTAIN, Toronto, Ontario, Canada. Filed Sept. 12, 1922. Serial No. 587,764. 5 Claims. (Cl. 265—44.)

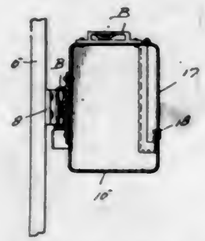
1. The combination with a container containing ore pulp the specific gravity of which increases from the top towards the bottom, of means for determining the mean specific gravity of a stratum of the pulp between two points at different distances from the bottom of

the container, comprising an inverted U-tube having its legs communicating respectively with the interior of the container at the top and bottom of the stratum



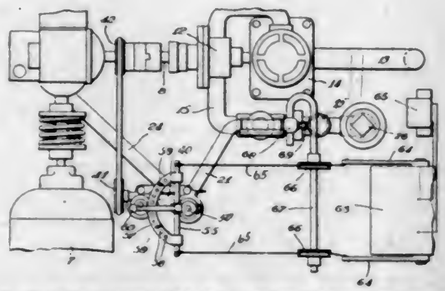
whose mean specific gravity is to be determined, and valve controlled means for admitting fluid to the U-tube below its upper end.

1,621,536. KIT FOR WAGONS, TRUCKS, AND THE LIKE. ELMER G. HANDTE, Pittsburgh, Pa. Filed Sept. 14, 1926. Serial No. 135,348. 2 Claims. (Cl. 224—29.)



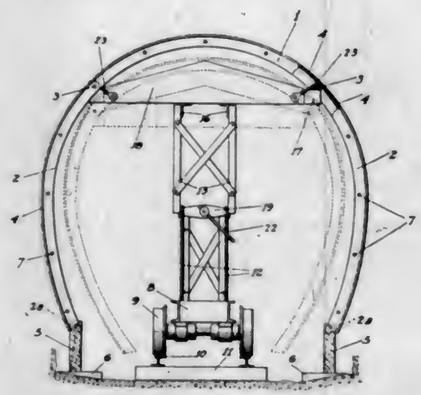
2. A device of the class described including, in combination, a bar, means for mounting the bar, a receptacle, slide brackets on the receptacle adapted to receive the bar, each slide bracket comprising a base plate, a U-shaped frame having its edges merging into the base plate, and a bight portion having struck therefrom a spring tongue extending inwardly towards the base plate.

1,621,537. OIL BURNER. FRANKLIN HARDINGE, Chicago, Ill., assignor to Hardinge Brothers, Incorporated, Chicago, Ill., a Corporation of Illinois. Filed May 5, 1923. Serial No. 636,869. 4 Claims. (Cl. 158—36.)



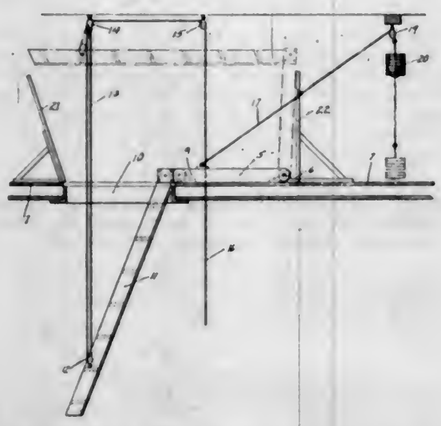
1. A burner comprising an atomizer, means for supplying fuel to said atomizer, including an adjustable valve, and means for controlling the adjustment of said valve, comprising a rotatable element having an arm extending at an angle to its axis, a segment rotatably mounted upon said rotatable element, a pair of stops adjustably mounted on said segment for limiting the movement of said segment relatively to said arms, and a thermostatically controlled element for moving said segment.

1,621,538. JUMBO FOR TUNNEL FORMS. HANS E. HELLER, Stockton, Calif. Filed June 2, 1926. Serial No. 113,303. 4 Claims. (Cl. 25—131.)



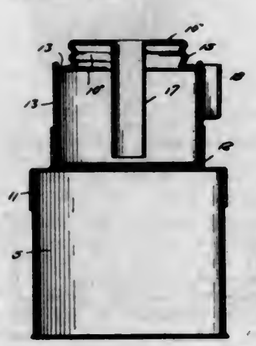
2. In combination, a tunnel-form section including transversely extending top frames, and longitudinally extending rods adjacent the ends of said frames; and a jumbo for manipulating the form including a wheel supported frame movable under the form, raising and lowering means on said wheel frame, and transversely extending beams carried by said means for direct but detachable supporting engagement with the rod members.

1,621,539. SCUTTLE LADDER. MARCUS B. HEMINGWAY, New Haven, Conn. Filed Nov. 12, 1926. Serial No. 147,955. 1 Claim. (Cl. 228—50.)



The combination with a ladder, of a frame having one-piece sides pivotally mounted on the floor distant from a trap-opening, to the edge of which opening the forward end of said frame extends and to which forward end the upper end of the ladder is pivoted, said ladder adapted to move downward by gravity, and means for raising the ladder and holding it in its raised position, whereby, when in its raised position, it lies horizontally above the floor, permitting the trap-door to be opened upward, independent of the movement of the ladder.

1,621,540. PLUMBER'S ACID CAN. HARLAN E. HILE, Latrobe, Pa. Filed Mar. 1, 1926. Serial No. 91,526. 1 Claim. (Cl. 113—111.)



A plumber's soldering accessory, including, in combination, a can adapted to receive a wet rag and having an opening in the side wall thereof provided at its edges with beads, a closure slidable on said beads across the opening, a cover removably mounted on the upper end of the can, a cup-shaped seat mounted on the exterior of the cover, an acid can seated in said seat and having an inturned flange at its upper end terminating in a rising annular threaded flange, a cap engaged with the said threaded flange and provided with a depending tube terminating in the acid can adjacent the bottom thereof, and a pocket formed on the exterior of the acid can for holding a brush.

1,621,541. INK AND PROCESS OF MAKING THE SAME. MATTHEW S. HOPKINS, Reading, and NORMAN UNDERWOOD, Swarthmore, Pa., assignors to Charles Eneu Johnson and Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed June 19, 1924. Serial No. 720,935. 2 Claims. (Cl. 134—36.)

1. An emulsified ink composed of a coloring compound having an oily medium, and an aqueous solution of casein, borax, ammonia and sodium fluoride.

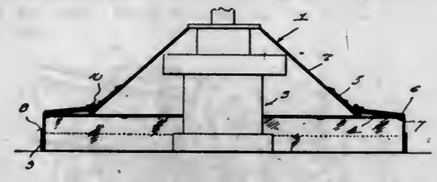
1,621,542. INTAGLIO INK. MATTHEW S. HOPKINS, Reading, and NORMAN UNDERWOOD, Swarthmore, Pa., assignors to Charles Eneu Johnson and Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed June 19, 1924. Serial No. 720,936. 2 Claims. (Cl. 134—36.)

2. An ink composed of an aqueous solution of casein, borax, ammonia and sodium fluoride and containing a solid coloring substance capable of acting as an agglutinant under the influence of a moderate heat.

1,621,543. PRINTING INK. MATTHEW S. HOPKINS, Reading, and NORMAN UNDERWOOD, Swarthmore, Pa., assignors to Charles Eneu Johnson and Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed June 19, 1924. Serial No. 720,937. 1 Claim. (Cl. 134—35.)

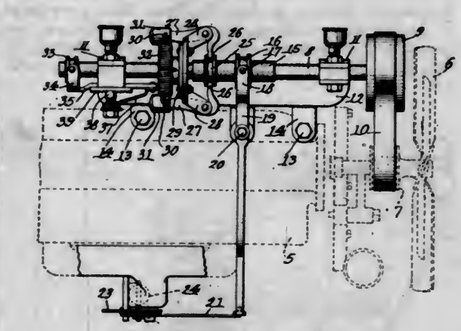
An ink composed of a pigment, glycerine, formaldehyde and an alkaline solution containng casein.

1,621,544. BROODER. ANNA KISTLER, Roseland, Nebr. Filed May 22, 1926. Serial No. 111,016. 2 Claims. (Cl. 119—31.)



1. An attachment for a brooder of the class described comprising a plurality of attaching arms adapted to be connected at their inner ends with the lower edge portion of the hood of the brooder, the outer end portions of said arms being adapted to project outwardly beyond the lower edge portion in a substantially horizontal plane, said outer ends terminating in eyes, a ring supported from said eyes, and a flexible curtain provided at its top with a pocket in which a drawing string is located and having its lower edge portion reinforced, said curtain being adapted to cover the space between the ring and hood and to have its lower end portion hanging down from said ring to form an enclosure for the hood.

1,621,545. GOVERNOR. HENRY KLANECKY, Sargent, Nebr. Filed Apr. 28, 1925. Serial No. 26,511. 2 Claims. (Cl. 264—3.)

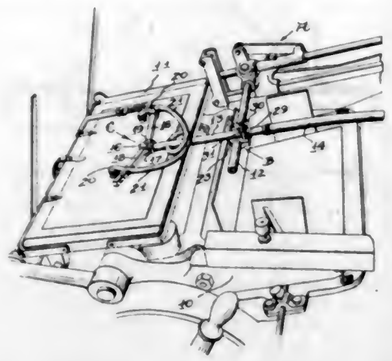


1. In combination with the butter-fly valve of an internal combustion engine, an operating device embodying a bracket having bearings and adapted to be attached to a cylinder block of the engine, a shaft mounted for sliding movement and rotary movement, within the bearings, a sleeve mounted on the shaft and adapted to slide longitudinally thereof, a governor mounted on the shaft and engaging the sleeve for controlling the movement of the sleeve longitudinally of the shaft, an arm connected with the butter-fly valve, means for transmitting movement of the sleeve to the butter-fly valve to regulate the butter-fly valve, means for sliding the shaft longitudinally of the bearings to change the normal relative positions of the shaft and governor, and means for rotating the shaft.

1,621,546. SHEET-DELIVERY MECHANISM. ABEL KLUGE and ENEVAL KLUGE, St. Paul, Minn., assignors to Braudtjen and Kluge, Inc., St. Paul, Minn., a Corporation of Minnesota. Filed Apr. 18, 1923, Serial No. 632,962. Renewed July 16, 1925. 7 Claims. (Cl. 271—54.)

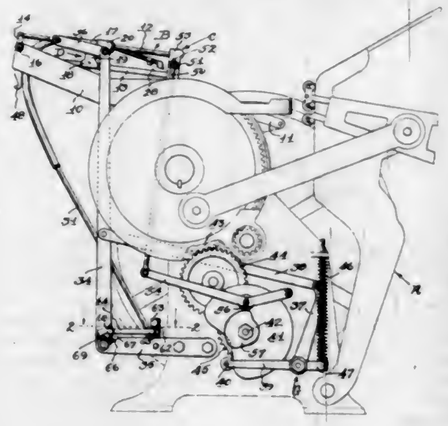
1. In a delivery mechanism for removing sheets from the platen of a press, a reach movable toward and away from the platen, said reach having a longitudinal section bore therein, arms on said reach pivotally adjustable

independently of each other, a suction grip slidably adjustable on each arm and flexible conduits, each conduit bringing one of said grips into communication with



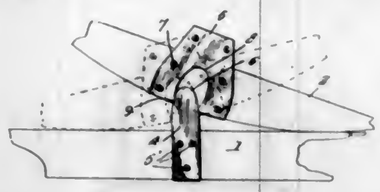
the bore of said reach, the adjustment of the grips on said arms and of said arms on said reach serving to station the grips in various sheet engaging positions.

1,621,547. SHEET-DELIVERING DEVICE. ABEL KLUGE and ENEVAL KLUGE, St. Paul, Minn., assignors to Brandtjen and Kluge, Inc., St. Paul, Minn., a Corporation of Minnesota. Filed May 7, 1923, Serial No. 637,138. Renewed Aug. 3, 1925. 7 Claims. (Cl. 101—287.)



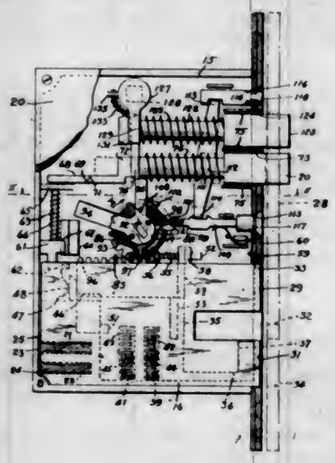
1. The combination with a platen press, of a bracket thereon, a track reaching back from the platen and pivoted at its rear end on said bracket, a carriage slidable on said track, a support swung on said carriage and movable from operative horizontal position into inoperative upright position, a mounting adjustable angularly and longitudinally of said support, a pneumatic grip on said mounting, a suction conduit communicating with said grip, a valve adapted, when open, to admit air to said conduit, means for reciprocating the carriage on said track, means for tilting the track upward and downward, said means being coordinated with the press mechanism and with each other to direct the grip inward in a path pitching sharply downward at its forward extremity to sheet taking position on the platen, thence rearward to depress sheet releasing position back of said platen, and a device actuated by said carriage reciprocating means for opening said valve at sheet releasing position of the grip.

1,621,548. WASHING MACHINE. HOWARD F. KUHNS, Allentown, Pa. Filed Apr. 21, 1924. Serial No. 707,964. 2 Claims. (Cl. 259—73.)



1. In a washing machine, the combination with a supporting structure, rockers mounted thereon, and a tub carried by the rockers, of means for holding the tub against movement longitudinally of the supporting structure during the rocking operation, said means including tongues connected to and upstanding from said structure, and yokes fixedly connected to the rockers and straddling the tongues, the cooperating faces of the tongues and yokes being shaped to maintain opposed portions of each yoke in contact with opposed portions of its tongue at all times during the rocking of the tub.

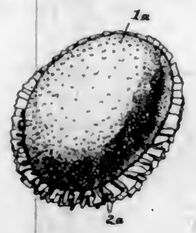
1,621,549. UNIVERSAL JIMMYPROOF AUTOMATIC LOCK. CLIVE W. LANPHERE, New York, N. Y. Filed Nov. 28, 1923. Serial No. 677,358. 58 Claims. (Cl. 70—46.)



1. A lock comprising a casing, a bolt, means for holding said bolt retracted, means for automatically releasing said means, means for projecting said bolt when released and reciprocable means within said bolt for engaging an external member to prevent retraction of said bolt.

49. A lock comprising a casing, a bolt adapted to be automatically projected from said casing, means for holding said bolt retracted, means for automatically releasing said means, means including a cam for projecting said bolt from said casing and then to move the same at right angles thereto.

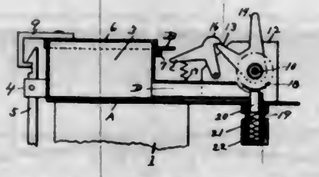
1,621,550. RUBBER SPONGE AND METHOD OF MAKING SAME. JOHN LEHR, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Oct. 2, 1926. Serial No. 139,160. 6 Claims. (Cl. 154—2.)



1. A rubber sponge having a skirt of sheet rubber projecting from the margin thereof.

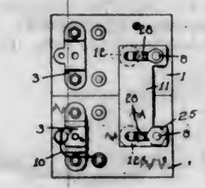
5. The method of making rubber sponges from substantially cylindrical blocks of rubber having exposed cells on the parallel faces and a peripheral skin which consists in juxtaposing to said peripheral skin an ornamental rubber strip and progressively folding the skin on a median line to embrace a portion of said rubber strip leaving a marginal portion projecting beyond the juxtaposed edges and cementing the juxtaposed parts together.

1,621,551. ACTUATING DEVICE FOR WIRE-PUSH-RELEASE CAMERAS. JOHN LESLIE LOMAX, Colorado Springs, Colo., assignor of one-half to Hermann Louis Oswald and Crafton Patton, Colorado Springs, Colo. Filed Sept. 7, 1926. Serial No. 133,961. 6 Claims. (Cl. 67—29.)



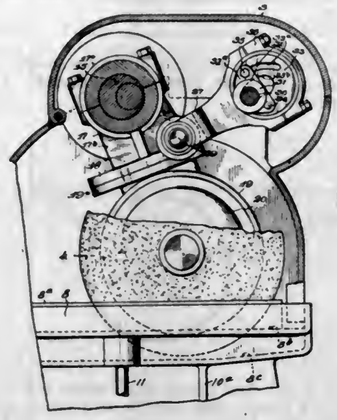
1. In a device of the class described, the combination of a horizontally disposed cylinder; a box mounted on the front portion of said cylinder and provided with a lid carrying a front latch; a vertically disposed trigger mounted on the front of said box and cooperating with said front latch; and trigger means, adapted to cooperate with said lid, mounted at the rear of said lid; and a transversely disposed shaft mounted at the rear of said trigger means and carrying a lever and a latch cooperating with said trigger means.

1,621,552. SELF-INDUCTION PRODUCER. MARION MALLORY, Toledo, Ohio, assignor to Mallory Electric Corporation, Toledo, Ohio, a Corporation of Ohio. Filed Dec. 18, 1924. Serial No. 756,656. 6 Claims. (Cl. 123—148.)



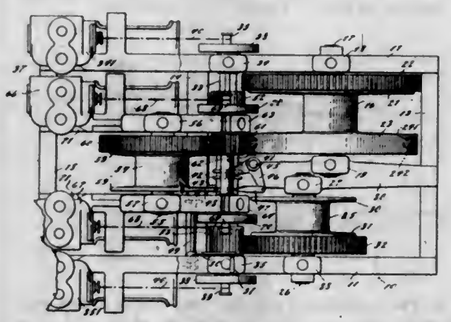
1. In combination with a pair of induction coils located side by side, each having a core and primary and secondary coils, a removable bar of magnetic material magnetically connecting the cores of the induction coils.

1,621,553. GRINDING MACHINE. JOHN MILLER, Jr., Beloit, Wis., assignor to Charles H. Besly and Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 24, 1924. Serial No. 751,744. 15 Claims. (Cl. 51—55.)



1. In a grinding machine, the combination of a rotative shaft having an eccentric bearing portion, a frame suspended from said shaft and journaled on the eccentric bearing portion thereof, a spindle journaled in said frame, a grinding member mounted on said spindle, and means for driving said shaft and spindle at predetermined speeds.

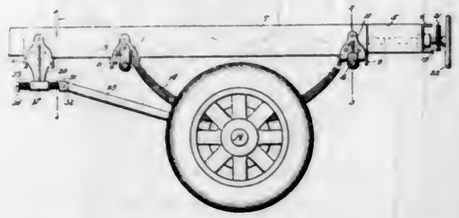
1,621,554. WINDING ENGINE. THOMAS SPENCER MILLER, South Orange, N. J. Filed Dec. 29, 1922 Serial No. 609,581. 2 Claims. (Cl. 254—184.)



1. In a log loading and hauling machine, a first, a second, and a third drum each having a driving gear permanently secured thereto, three independent shafts on which the respective drums and associated gears are fixed, independent bearings for each of said shafts, a driving member comprising a shaft angular in cross section, a reversing motor for actuating said shaft, a sleeve fitted on said shaft and rotatable therewith but movable longitudinally thereof, means for moving said sleeve longitudinally of said shaft, said sleeve being provided with two pinions, the parts being constructed and arranged to cause one of said pinions to mesh with the gear associated with first said drum when in one position and the second pinion to be disengaged from the gear associated with the second drum, and in another position of said sleeve to cause the other

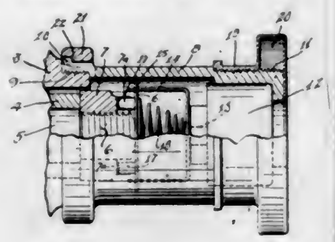
pinion thereon to engage the gear associated with said second drum and the first mentioned pinion thereon disengaged from the gear associated with the first drum, a second drive shaft, an independent reversing motor for actuating said second shaft, and means for actuating the gear associated with the third drum from said second drive shaft.

1,621,555. TRUCK. WILLIAM J. MILLER, Saginaw, Mich. Filed Mar. 10, 1926. Serial No. 93,683. 1 Claim. (Cl. 280—34.)



A truck of the class described including a main chassis comprising a pair of side rails formed of channel members, an auxiliary chassis comprising a pair of side rails formed of L-shaped members and cross members connecting the ends of the L-shaped members, plates on the cross members having hooked-shaped extensions rising upwardly therefrom and extending outwardly toward the sides of the auxiliary chassis for engaging over the bottoms of the channel side rails of the main chassis for slidably mounting the auxiliary chassis on the main chassis, means for mounting a rear axle and wheel assembly on the auxiliary frame, and means for moving the auxiliary frame longitudinally of the main chassis.

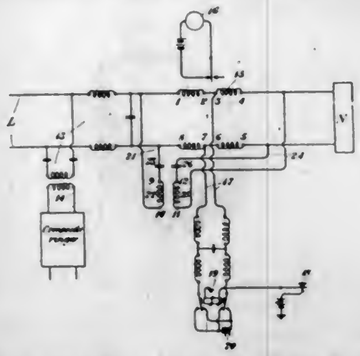
1,621,556. HUB CAP. JACOB J. MITNICK and JACKSON L. SILVERSTINE, Chicago, Ill. Filed Jan. 9, 1926. Serial No. 80,260. 5 Claims. (Cl. 301—108.)



1. The combination of a hub cap, means at one end for securing said hub cap to a wheel plate, and a relatively thin metal shell secured to the hub casing at the opposite end, a portion of said shell being spaced from the side walls of said casing.

1,621,557. COMBINED RESONANT SHUNT DEVICE FOR TELEGRAPH CIRCUITS. HARRY NYQUIST, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed June 27, 1923. Serial No. 648,067. 4 Claims. (Cl. 179—4.)

3. A transmission line, a balancing network, a transmitting means and a receiving means associated with said line, said transmitting and said receiving means being in conjugate relation, separate circuits bridged across said line on the line and network sides of said receiving means, each of said circuits comprising inductance and capacity so arranged and so proportioned with respect to each other that said circuits will be resonant at a certain frequency coming in over said line and together



will be substantially equivalent to a bridged capacity with respect to the current transmitted to said line from said transmitting means.

1,621,558. COLLAPSIBLE RACK. JOHN PEARSON, Pullman, Ill., assignor to The Pullman Company, Chicago, Ill., a Corporation of Illinois. Filed May 9, 1924. Serial No. 712,042. 10 Claims. (Cl. 105—325.)



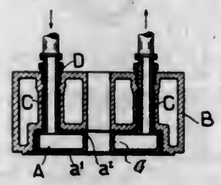
1. A collapsible rack of generally rectangular form, and stationary fixtures for supporting the rack at the four corners of the same, the association between the rack and the fixtures being such that the same fixtures are used both for supporting the rack in an outspread position and in a collapsed position.

1,621,559. AUXILIARY TAKE-UP FOR KNITTING MACHINES. NAPOLEON J. PERRY, Nashville, Tenn., assignor to May Hosiery Mills, Nashville, Tenn., a Corporation of Tennessee. Filed Sept. 13, 1920, Serial No. 409,982. Renewed Aug. 11, 1926. 18 Claims. (Cl. 66—24.)



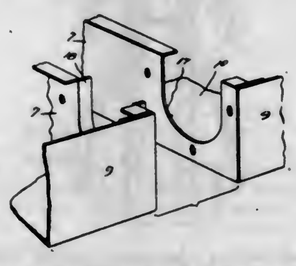
2. As a step in changing from plain to rib knitting, holding down the fabric at the knitting point by needles of one set while forming stitches of the initial course of rib knitting on the other set.

1,621,560. COOLING ARRANGEMENT FOR INTERNAL-COMBUSTION ENGINES. CONRAD REGENNOGEN, Kiel, Germany, assignor to Fried. Krupp Aktiengesellschaft Germaniawerft, Kiel-Gaarden, Germany. Filed Mar. 17, 1922, Serial No. 544,535, and in Germany Mar. 17, 1921. 1 Claim. (Cl. 123—178.)



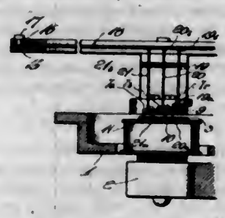
A water chamber of the character stated comprising several separately cooled portions which are each composed of a plurality of welded parts, said portions being independent from each other and adapted to expand freely with relation to each other and the parts surrounding them.

1,621,561. ELECTRIC SWITCH. BEN E. SPERO and LEON SPERO, Cleveland, Ohio. Filed May 13, 1925. Serial No. 29,925. 2 Claims. (Cl. 247—2.)



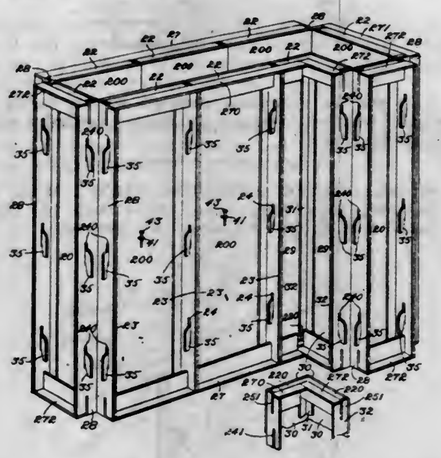
2. A plurality of switch boxes of the class described, adapted to be assembled in gang formation with the side walls thereof in contact one with the other, the abutting walls of said boxes each being provided with an aperture in transverse alignment, a flange on one of said side walls adjacent the aperture therein adapted to enter the aperture in the adjacent side wall thereby to provide a continuous passage therebetween, a cover for each of said boxes normally closing the front thereof, each of said covers having an elongated opening therein adapted to receive a switch handle therethrough.

1,621,562. ELECTROMAGNETIC SOUND REPRODUCER. LE ROY W. STAUNTON, Jackson Heights, N. Y., assignor to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Oct. 16, 1926. Serial No. 142,056. 5 Claims. (Cl. 179—100.)



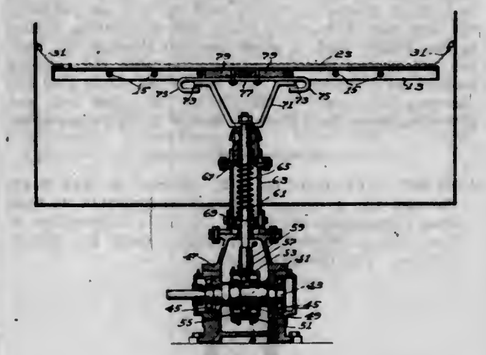
1. An electromagnetic sound reproducer comprising an electromagnetic driver, a plurality of armatures each responsive to different ranges of tone frequencies arranged to be actuated by said driver, a sound reproducing diaphragm of the direct acting type and independent connections between said armatures and points spaced apart along said diaphragm whereby vibrations over the entire range of musical frequencies may be imparted to said diaphragm.

1,621,563. FORM FOR CONCRETE STRUCTURES. FRANK W. STEVENS, Newton, Mass., assignor, by direct and mesne assignments, to Herbert C. Veno, Newton, Mass. Filed Oct. 4, 1923. Serial No. 666,597. 9 Claims. (Cl. 25—131.)



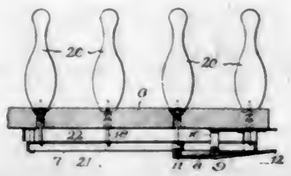
1. In a form for concrete structures, a series of panel sections having abutting vertical edge flanges provided with registering slots, and gravity keys in said slots for connecting the contiguous flanges of adjoining panels, said keys being bifurcated, and the legs thereof engaging the opposite faces of said flanges, respectively.

1,621,564. SEPARATOR. THOMAS J. STURTEVANT, Wellesley, Mass., assignor to Sturtevant Mill Company, Boston, Mass., a Corporation of Massachusetts. Filed June 29, 1925. Serial No. 40,263. 20 Claims. (Cl. 209—347.)



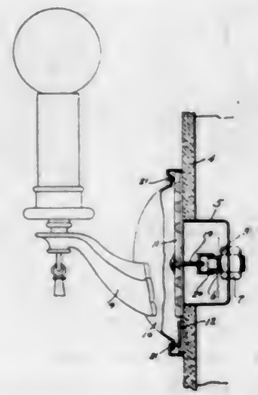
1. In a separator for grading materials, the combination of a frame having side bars, end bars connected to the side bars, and rods disposed at intervals in the space between the side bars and secured to the end bars, substantially flat screen clothing resting upon said rods without being stretched or secured to said frame, and means for vibrating said frame and screen clothing.

1,621,565. BOWLING-ALLEY PIN SPOTTER. AKSEL R. THOMPSON, New York, N. Y., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill., a Corporation of Delaware. Filed Aug. 9, 1926. Serial No. 128,131. 8 Claims. (Cl. 273—46.)



1. A peg for a bowling alley pin spotter having a laterally bent end to permit detachable engagement with the spotter frame.

1,621,566. FIXTURE-ATTACHING STRAP. MILES A. TIERNEY, Minneapolis, Minn. Filed Aug. 14, 1924. Serial No. 732,053. 4 Claims. (Cl. 240—85.)



1. The combination with an outlet box and a fixture stud extending therein, of a fixture strap comprising a fixed bar and a movable bar adjustably mounted thereon to form an extension thereof, said movable bar spanning the open face of the outlet box, a reducing bushing applied to the fixture stud, a screw inserted through the fixed bar and having threaded engagement with the reducing bushing for attaching the fixed bar to the fixture stud and clamping the same on the rim of the outlet box, and attaching means for securing a fixture to the fixture strap.

1,621,567. APPLICATOR CAP. ROBERT H. VAN SANT, Chicago, Ill., assignor, by mesne assignments, to Gold Dust Corporation, New York, N. Y., a Corporation of New Jersey. Filed Dec. 17, 1925. Serial No. 76,021. 1 Claim. (Cl. 15—133.)



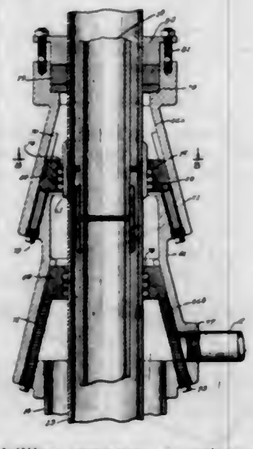
An applicator cap, comprising a thimble-shaped member of flexible and resilient material having an attaching flange about its open end, apertures provided in its top, and a circumferential groove formed in the interior surface of said member adjacent said apertures.

1,621,568. METHOD FOR MAKING CONFECTIONS. ZELMAN E. VOSE, Boston, Mass. Filed Apr. 15, 1924. Serial No. 706,783. 10 Claims. (Cl. 107—54.)



5. The method of making a composite confection of the class described which consists in agitating a mould containing a warm fluid center suspended in melted chocolate.

1,621,569. DRILLING WELLS. LOUIS H. WELLENSIEK, Houston, Tex. Filed June 1, 1923. Serial No. 642,733. 5 Claims. (Cl. 255—24.)



1. In well drilling apparatus, a casing collar formed with a plurality of flared sections, expansible rings mounted in said flared sections, resilient means tending to hold said rings in unexpanded position and means for admitting fluid to said casing collar.

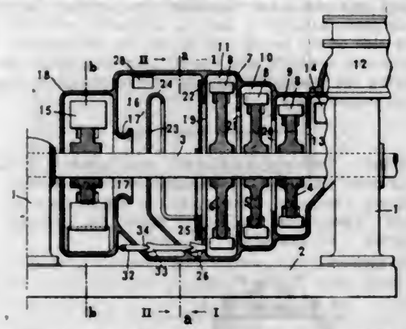
1,621,570. CUFF BUTTON. JOHN A. WILLIAMS, Richmond Hill, N. Y. Filed Sept. 8, 1925. Serial No. 54,893. 17 Claims. (Cl. 24—99.)



1. A cuff-button, comprising a base part, a fixed post, a pair of arm members pivoted to said post, and a pair of locking thrust members pivoted to the outer portions of said arm members, the arm members and thrust members adapted to be extended endwise from the post or to be folded together laterally, each arm member and its thrust member lying together in the latter condition so as to form a virtually solid cross head on the post.

1,621,571. PULVERIZER. HENRI EMIL WITZ, Rheinland Baden, Germany, assignor to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed May 25, 1923, Serial No. 641,290, and in Germany May 26, 1922. 17 Claims. (Cl. 83—11.)

1. A pulverizing mill comprising a pulverizer proper, a fan, a casing therefor, the suction side thereof communicating with said pulverizer for propelling material therethrough, means for separating out the larger particles of the material in said casing, an expansion chamber between said fan and said pulverizer, means for adding



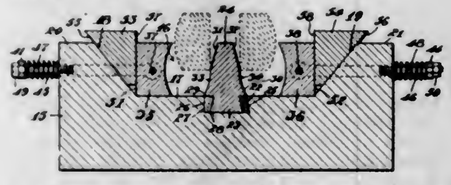
the particles separated out in said chamber to those from the fan casing and means for returning all the said particles to the pulverizer.

1,621,572. BARBER'S CLIPPER GUARD. FREDERIC E. YOUNG, Shreveport, La. Filed June 7, 1923. Serial No. 643,088. 1 Claim. (Cl. 30—1.)



A clipper guard embodying a plate having upwardly curved teeth formed along one edge thereof, the under surface of the plate being rounded at the junction of said teeth with the plate, the lower surface tapering towards the rear edge thereof, said plate having grooves formed transversely thereof, said grooves extending to points between the teeth, and means for securing the plate directly to a clipper.

1,621,573. FORGING TOOL. RICHARD ARMOUR, Los Angeles, Calif. Filed July 21, 1923. Serial No. 652,984. 5 Claims. (78—60.)



1. A tool for forming the side members of a link, comprising a base block formed with a transverse channel having inclined end walls, a forming mandrel carried on said base block within the channel, a pair of slide blocks arranged between the mandrel and the inclined walls of the channel, wedge blocks interposed between the slide blocks and the inclined walls normally projecting above the upper face of the base block and adapted on being driven downwardly to advance the slide blocks, cross heads at the end of the base block, bars connecting the cross heads to the slide blocks, and springs bearing on said cross heads operable to retract the slide blocks.

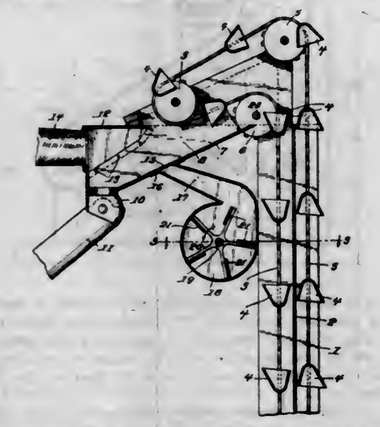
1,621,574. SOLDIER TOY. EDWIN V. BABBITT, Fairhaven, Mass. Filed June 8, 1926. Serial No. 114,483. 3 Claims. (Cl. 46—40.)

1. A toy soldier comprising a head and a sectional cocked hat including a brim section of sheet material superimposed on the top portion of the head, a rigid crown section superimposed on the brim section and secured to the head by a headed fastening member extending through the crown and the brim sections into the head, so that the central portion of the brim section is clamped between the head and the crown section, the



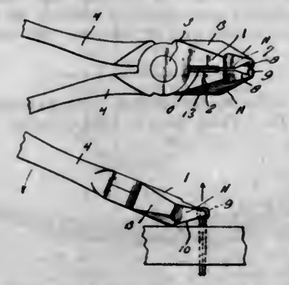
marginal portion of the brim section being turned upward and portions thereof being secured to the crown section, so that the crown section simulates the crown, and the brim section the brim of a cocked hat.

1,621,575. EAR-CORN CLEANER. MANTON BAKKER, Grundy Center, Iowa. Filed Aug. 15, 1924. Serial No. 732,298. 1 Claim. (Cl. 209—147.)



The combination with a corn elevator which includes the usual inclined hopper having an open top and provided with a delivery spout, and having an opening in its bottom which is closed by a screen, of a means for removing fibrous substance from between the ears of corn in their passage through the hopper into the spout, comprising a fan for injecting air through the screen and into the bottom of the hopper and operated by the elevator, a hood closing the open top of the hopper and disposed at an angle opposite the fan inlet and a fabric tube removably secured on the outer face of the hood.

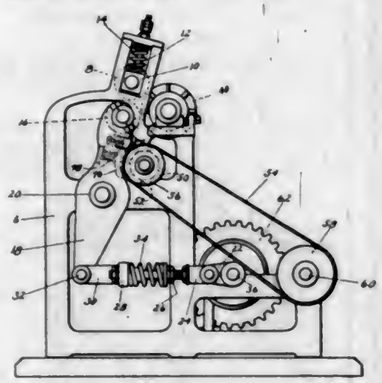
1,621,576. COTTER-PIN EXTRACTING PLIERS. GEORGE BESANCON, Wilkes-Barre, Pa. Filed Nov. 4, 1926. Serial No. 146,214. 1 Claim. (Cl. 29—86.2.)



Cotter-pin extracting pliers, comprising a pair of jaw members of substantially rectangular cross-section pivotally connected at one end and formed with handle exten-

sions, the opposite ends of said jaws having opposed gripping faces terminating in recesses formed in the jaws, the extremities of said jaws having studs formed thereon at one side extending in opposed alined relation and terminating substantially in the plane of the gripping faces, the ends, sides, and corners of said jaws being formed with angularly arranged beveled faces converging toward the studs and forming a plurality of fulcrum faces.

1,621,577. LEATHER-WORKING MACHINE. WILLIAM F. BLANEY, Newark, N. J., assignor to The Turner Tanning Machinery Company, Peabody, Mass., a Corporation of Maine. Filed Sept. 12, 1923. Serial No. 662,219. 16 Claims. (Cl. 149—16.)



1. In a machine of the character described, a work operating member, feed rolls for feeding the work, means comprising a rotary member for spreading and smoothing the work for the operation of said operating member, and a member movable to press the work against the rotary member.

1,621,578. METHOD OF MAKING PISTON RINGS. RICHARD A. BOOKER, Richmond, Ind., assignor to Richmond Piston Ring Co., Richmond, Ind., a Corporation of Indiana. Original application filed Mar. 30, 1922, Serial No. 548,111. Divided and this application filed Aug. 21, 1923. Serial No. 658,567. 2 Claims. (Cl. 29—156.6.)



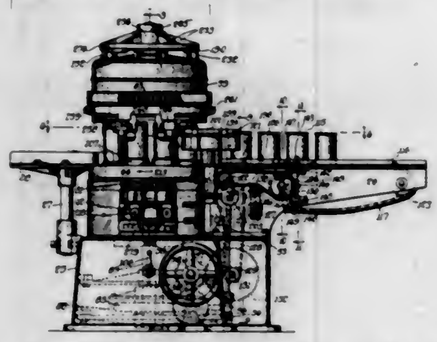
1. The method of peining piston rings, which consists in densifying the metal in the interior wall of the ring over a substantially lune shape area so that the impression will have its greatest depth and width at the center point of the interior arc of the lune, said impression decreasing gradually and uniformly towards the apex of the interior and exterior arcs of the lune, and then splitting the ring.

1,621,579. SHOCK ABSORBER. JAY SAMUEL BURWELL, Sharon, Pa. Filed Jan. 8, 1926. Serial No. 80,036. 3 Claims. (Cl. 267—48.)



1. A shock absorber of the class described including a bowed plate having its intermediate portion adapted to abut the convex side of a spring and its ends spaced therefrom, a U-shaped bolt at one end of the plate for engagement with the spring, a U-shaped clip at the other end of the plate for straddling the spring, a second bowed plate having its ends in abutment with the concaved side of the spring and having its intermediate portion curved inwardly and spaced from the spring, means engaging the U-shaped clip with the intermediate portion of the second plate.

1,621,580. DOUBLE-SEAMING MACHINE. WILLIAM CAMERON, Chicago, Ill., assignor to Cameron Can Machinery Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 22, 1923. Serial No. 626,733. 63 Claims. (Cl. 113—14.)



1. In a seaming machine, the combination of a plurality of seaming rolls stationarily disposed relatively to each other but movable together as a unit, and means for moving a can body and cap past said rolls in a continuous movement and in cooperative relation thereto to effect the seaming of the cap onto the can body by said rolls.

1,621,581. FLAME PLUG FOR INTERNAL-COMBUSTION ENGINES. JOHN M. CLARK, New York, N. Y. Filed Oct. 2, 1923. Serial No. 666,184. 3 Claims. (Cl. 123—169.)



1. A flame plug for internal combustion engines comprising a metallic body member having a chamber therein and in direct communication with the interior of the cylinder of an engine and an intensifying means within said chamber, said intensifying means comprising an insulating member having a metallic supporting stem, a plurality of metallic members upon said insulating member and spaced thereon, the innermost metallic member being electrically connected to said stem and a flange upon said body member and adjacent to the outermost metallic member.

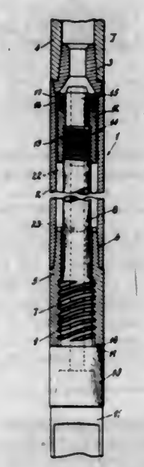
1,621,582. FRAME FOR AUTOMOBILE LICENSE PLATES. KENELM W. COLLAMORE, Grand Haven, Mich. Filed Apr. 9, 1926. Serial No. 100,852. 1 Claim. (Cl. 40—125.)

In a structure of the character described: a frame adapted to hold an automobile license-plate and comprising spaced opposite members having portions spaced inwardly therefrom provided with threaded holes, one of said members having a rearwardly extending flange provided with an opening therethrough; a support extending through said opening and having orifices therethrough;



screws extending through said orifices and through the license-plate and turning in said threaded holes respectively.

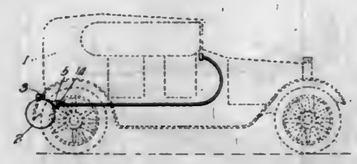
1,621,583. RELEASABLE DRILL COLLAR. THOMAS A. CREIGHTON, Long Beach, Calif. Filed Nov. 23, 1925. Serial No. 70,868. 5 Claims. (Cl. 255—27.)



1. A drill collar comprising a housing, an elongated pin, a bit adapted to be secured to the pin, releasable means connecting said pin and said housing, a nut on said pin, said housing being adapted for longitudinal movement along said pin when said releasable means is released and means coupling said nut and said housing whereby said nut be removed from said pin to release said housing from the pin.

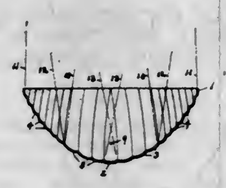
1,621,584. LIQUID-LEVEL GAUGE. GEORGE J. DUNNAUGH, Jr., Chicago, Ill., assignor to Champion Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 14, 1923. Serial No. 662,651. 2 Claims. (Cl. 73—82.)

1. In a device of the kind described and in combination, a tank having an opening therein, a hollow fitting adapted to surround said opening, an annular flange formed upon the fitting and provided with apertures of different sizes, a bracket, a plate formed integral with said bracket adapted to engage the end of said fitting, an elongated bearing formed centrally of said plate, different sized dowel pins on said plate to fit said different sized apertures in said flange so as to correctly position said bracket in assembling, a pin projecting from said bracket, a gear mounted on said pin, a shaft inserted through said bearing, a second gear mounted on said shaft and meshed with said first gear, a float, an arm for connecting the float to the first gear, a clamping ring cooperating with the fitting for clamping the plate thereagainst, an indicator, a flexible shaft having one end inserted through said bearing



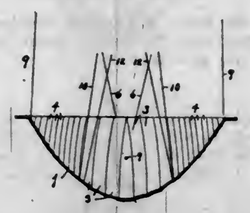
and connected with one end of said first-mentioned shaft, the other end of said flexible shaft being connected to said indicator, a sheathing for the flexible shaft having one end inserted into said bearing, and a nut for clamping said sheathing to said bearing.

1,621,585. LAMP. CHARLES E. GODLEY, Detroit, Mich., assignor to Edmunds & Jones Corporation, Detroit, Mich., a Corporation of New York. Filed May 19, 1922. Serial No. 562,065. 11 Claims. (Cl. 240—41.)



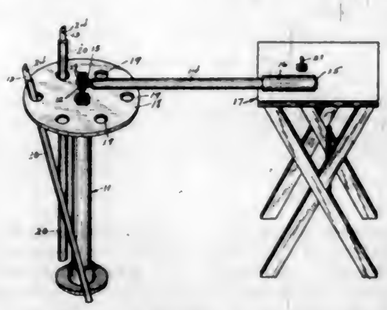
1. A paraboloidal reflector composed of a group of panels on each side of the center of the reflector, the panels having parallel sides and the panels of each group being parallel to each other, each panel being transversely concave relative to the general focus of the reflector and its transverse curvature at each point being the same as that of the general curve of a parabola at that point, the adjacent edges of the two inner panels of the two groups being curved apart at the center of the reflector.

1,621,586. REFLECTOR. CHARLES E. GODLEY, Detroit, Mich., assignor to Edmunds & Jones Corporation, Detroit, Mich., a Corporation of New York. Filed May 8, 1922. Serial No. 559,204. 13 Claims. (Cl. 240—41.)



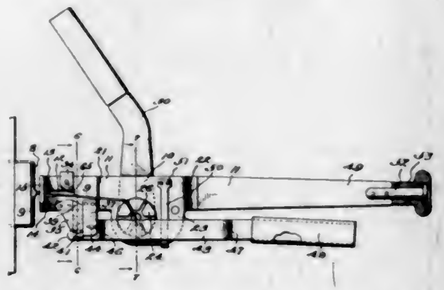
5. A paraboloidal reflector whose reflecting surface is scored to form panels which are all convex toward the general focus of the reflector, the transverse curvature of each portion of each panel being the same as that of the general curve of a parabola at that point but in the opposite direction.

1,621,587. BRANDING. DANIEL E. HENNESSY, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1922. Serial No. 583,418. 3 Claims. (Cl. 101—3.)



1. The method of branding tubes comprising placing the tube upon a somewhat smaller mandrel, placing said mandrel and the tube upon a support to form a cavity between the upper part of the mandrel and the tube, and pressing a stamp against the tube to form a flat surface while stamping.

1,621,588. TOOL FOR TENSIONING AND TWISTING WIRES. LEROY F. HINTZ, Chicago, Ill. Filed Sept. 28, 1925. Serial No. 59,109. 10 Claims. (Cl. 140—93.)



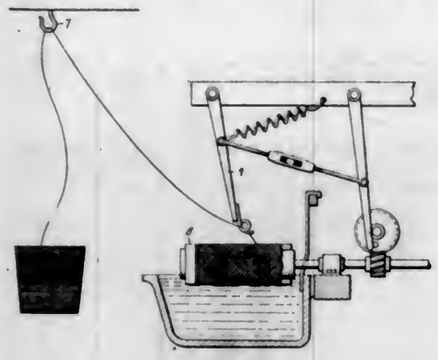
9. A tool of the character described provided with a body portion slotted at its end for the reception longitudinally therethrough of two wire end portions disposed side by side therein, said body portion being axially rotatable, a tensioning means to receive each wire end portion, and a wire cutting device to sever both wire end portions.

1,621,589. TAB END. WILLIAM S. HUNKINS, Hollywood, Calif. Filed Dec. 28, 1926. Serial No. 157,474. 4 Claims. (Cl. 24—76.)



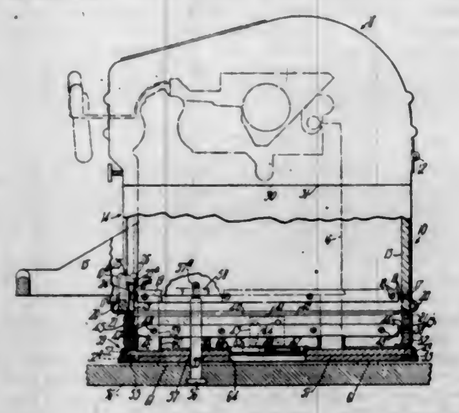
1. In a tab end, a sheet metal plate, the opposite edges of which are slitted, a strip of fabric covering the back of said plate having its opposite edges folded into said slits and partly over the front surface of said plate at one side of said slits, said plate being folded upon itself to embrace between the two layers thereof the aforesaid fabric folds, said plate and fabric being rolled into tubular form to produce a finished tab end with a fabric covered metallic bushing in one end thereof.

1,621,590. METHOD OF MANUFACTURE OF ARTIFICIAL SILK. CHARLES C. JESSEN, Wilmington, Del., assignor to Atlas Powder Company, Wilmington, Del., a Corporation of Delaware. Filed Mar. 20, 1925. Serial No. 17,133. 4 Claims. (Cl. 18—54.)



1. The herein described step in the manufacture of artificial silk which consists of winding the thread in a centrifuge into a cake and then winding all of the thread of a cake upon a cylinder and from the outside of said cake, said cylinder being of such proportion, with respect to the diameter of the cake, that as the thread is wound upon the cylinder those portions of the thread which were subjected to the greatest tension, by centrifugal force in the centrifuge, will be subjected to the least tension during such winding and those portions of the thread which were subjected to the least tension in the centrifuge will be subjected to the greatest tension during winding.

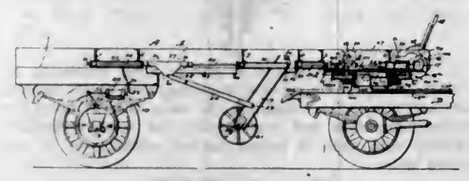
1,621,591. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Original application filed Sept. 27, 1922, Serial No. 590,736. Divided and this application filed July 23, 1925. Serial No. 45,548. 10 Claims. (Cl. 197—186.)



1. A sound-deadening casing for a typewriting machine, comprising a body-portion, a base-piece having a hole

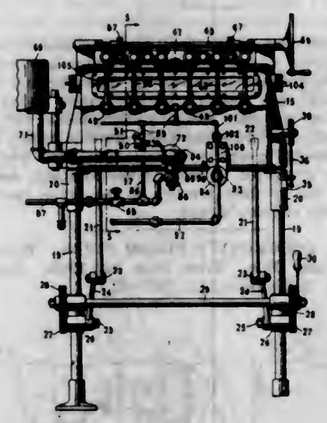
therethrough for the removal of dirt, a door for closing the hole, and means whereby the door may be opened from the interior of the casing.

1,621,592. TRACTOR TRAILER. CHARLES H. LAND, Detroit, Mich. Filed Mar. 12, 1926, Serial No. 94,120. Renewed Feb. 12, 1927. 11 Claims. (Cl. 280—33.1.)



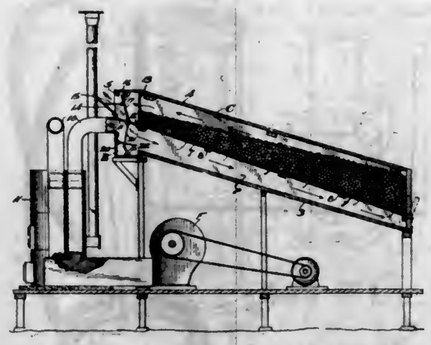
1. In combination with a tractor and trailer; a plurality of cylinders carried by the trailer; a supporting leg for the trailer; mechanism for automatically operating said supporting leg interposed between the pistons of two of said cylinders and adapted to co-operate therewith, co-ordinating means carried by the tractor adapted upon either backing the tractor or on driving it in a forward direction to alternately and automatically actuate said leg operating mechanism, whereby the leg may be shifted to either a supporting or non-supporting position.

1,621,593. PULP-MOLDING MACHINE. FELIX LOUISOT, New York, N. Y., assignor to Vacuum Pulp Products Corporation, New York, N. Y., a Company of Virginia. Filed July 11, 1923. Serial No. 650,789. Renewed Aug. 16, 1926. 47 Claims. (Cl. 92—54.)



1. In apparatus of the character described, a mold chamber open at its lower end, a pulp supply conduit leading through a side wall of the mold chamber, a movable closure for said open lower end and a sectionalized mold within the mold chamber, the closure having a pulp supply passage extending upwardly into communication with the interior of the mold and having at its lower end a detachable coupling for engagement with the pulp supply conduit enabling free movement of the closure.

1,621,594. REVERSIBLE-DRAFT, INDIVIDUAL-BIN CIRCULATING APPARATUS. FRANK J. MAHONEY, Saticoy, Calif. Filed Jan. 21, 1926. Serial No. 82,747. 5 Claims. (Cl. 34—33.)



1. Apparatus for drying nuts, comprising a bodily inclined horizontally disposed bin, means for serving heated air to the bin, and means for alternately inverting the flow of air in up and down movement through the batch of nuts in the bin; said inverting means including an air inlet and outlet device at the higher end of the bin.

1,621,595. VULCANIZING APPARATUS. JOSEPH F. MINCHER, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1922. Serial No. 583,399. 5 Claims. (Cl. 18—2.)

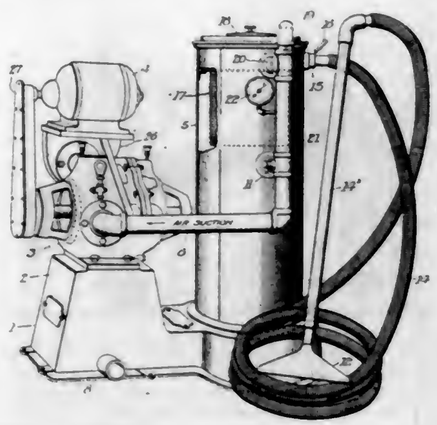


1. Means for supporting a circular mandrel comprising a hanger adapted to engage one end of the mandrel and extended beyond and across the mandrel circumference to permit free suspension of the mandrel.

1,621,596. VACUUM CLEANER. GUSTAVE WILLIAM MINUTH, Chicago, Ill., assignor to Max I. Heldman, Chicago, Ill. Filed Apr. 6, 1925. Serial No. 21,116. 5 Claims. (Cl. 15—2.)

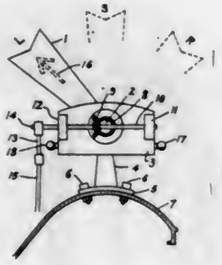
2. In combination in a vacuum cleaner, a vacuum tank, a separator in said tank to remove solid material from air and liquid, an air pump having a suction inlet and an outlet, a connection from said tank to said pump inlet,

a suction cleaner nozzle connected to said tank, an ejector having a nozzle, a discharge pipe connected from the



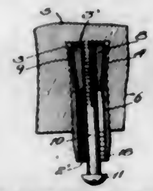
bottom of the tank to the ejector, a check valve in said pipe, and said ejector nozzle connected to said pump outlet.

1,621,597. DIRECTION INDICATOR. RAJA KARAN PERSHAD, Hyderabad, Deccan, India. Filed Dec. 2, 1924, Serial No. 753,490, and in British India Sept. 23, 1924. 1 Claim. (Cl. 116—51.)



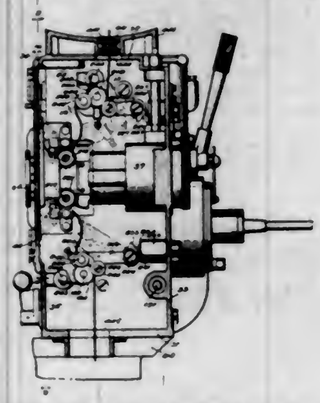
An indicating device for an automobile, comprising a base adapted to the mounting on the front fender of the automobile, a support on said base, a stand mounted upon the upper end of said support, a shaft journaled in said stand, an indicating arm on one end of said shaft adapted to swing to the right and to the left to indicate the direction in which the automobile is about to turn, a bevel gear on the opposite end of said shaft, a second shaft extending transversely of said fender and at right angles to the shaft carrying the indicating arm, a second bevel gear located centrally of said second shaft for engagement with said first mentioned bevel gear, bearings on said stand for rotatably supporting said second shaft, the said second shaft projecting beyond one of said bearings and the stand, a crank arm mounted upon the projecting end of said shaft, and actuating means connected to said crank arm to move the indicating arm into the desired position, the said actuating means being located adjacent to the steering shaft of the automobile.

1,621,598. EXPANSION-ANCHOR-SHELL DRILL. JOHN H. PHILLIPS, Chicago, Ill. Filed Jan. 15, 1923. Serial No. 612,854. 11 Claims. (Cl. 85—22.44.)



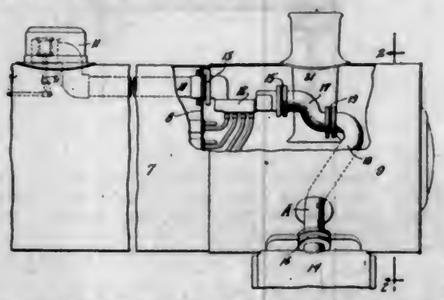
1. A self-drilling expansion anchor shell consisting of a shell body-part constructed for expansion at its cutting end, and means for expanding the same thereat during a drilling operation and maintaining the same expanded, whereby said shell is locked against withdrawal in the drilled hole.

1,621,599. PROJECTING APPARATUS. JOHN PROKSA, Chicago, Ill., assignor to Helios Corporation, Chicago, Ill., a Corporation of Delaware. Filed Mar. 21, 1925. Serial No. 17,340. 7 Claims. (Cl. 88—17.)



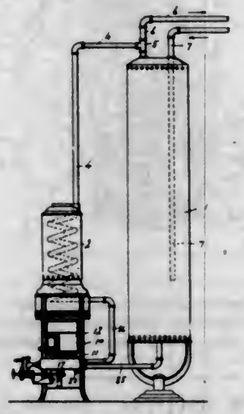
1. In apparatus of the kind described and in combination, rotatable means for intermittently advancing the film, a second rotatable means for intermittently advancing the film, said second rotatable means being spaced from the first rotatable means, yielding means for causing relative motion between the first rotatable means and the second rotatable means to tension the film, and means operatively connected to each of the rotatable means for displacing one of them relative to the other against the action of the yielding means.

1,621,600. LOCOMOTIVE STEAM PIPES. WILLIAM L. REID, Lima, Ohio. Filed June 22, 1923. Serial No. 647,138. 2 Claims. (Cl. 105—47.)



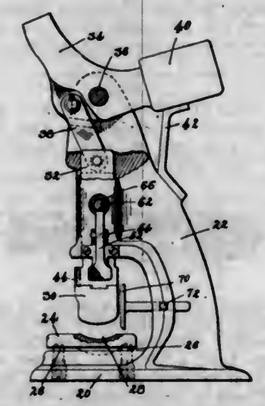
1. In a locomotive, the combination of a smoke box, a dry pipe, a steam supply casting in the smoke box receiving steam from said dry pipe, a valve chest, a section of steam pipe having a jointed connection to said steam supply casting, a second section of steam pipe angularly disposed with respect to the first section and having a jointed connection to said valve chest, and a jointed connection between the other ends of said sections.

1,621,601. THERMOSTATICALLY-CONTROLLED WATER-HEATING SYSTEM. MARC RESEK, East Cleveland, Ohio, assignor to Perfection Stove Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 27, 1923. Serial No. 665,243. 13 Claims. (Cl. 236—20.)



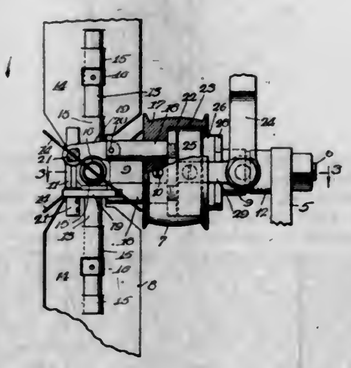
1. In a water heating system involving a storage tank and a water heater in communication therewith, said water heater incorporating a liquid fuel burner by which the water heater is fired and a water chamber in close proximity to the burner, said chamber being in the connections leading from the storage tank to the water heater, a thermostat so situated as to be operated by the temperature of the water in said connections when the same reaches a predetermined degree or by the temperature of the burner parts when the same becomes excessively high, and operative connections through which the thermostat acts to reduce the heat of the burner.

1,621,602. BLANK-PREPARING APPARATUS. FRED RICKS, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 31, 1922, Serial No. 598,219, and in Great Britain Nov. 21, 1921. 21 Claims. (Cl. 12—64.)



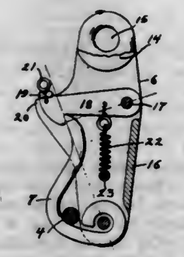
1. A counter-molding apparatus comprising, in combination, an inner convex form, means to engage with an unslipping grip opposite ends of a counter blank and to tension it longitudinally over the inner form, and an outer concave form to mold the central part only of the counter blank against the inner form.

1,621,603. ADJUSTABLE FAN. CONRAD ROSINE, Chicago, Ill. Filed May 22, 1926. Serial No. 110,890. 4 Claims. (Cl. 170—163.)



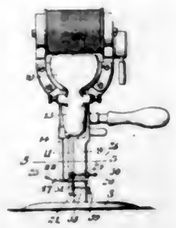
1. In an adjustable fan, the combination of a rotatively mounted hollow fan pulley having a hub extension of smaller diameter than the pulley, fan blades swiveled on one end of said hub extension, sliding collar mechanism slidably mounted in the hollow of said fan pulley, an operating rod connected to said sliding collar mechanism, fan blade adjusting plungers, one for each fan blade, slidably mounted in the fan pulley body and located externally of the hub extension thereof, said plungers being rigidly secured to a member of said sliding collar mechanism, and connecting links, one for each fan blade, and directly connected thereto, and pivotally connecting a plunger with an associated fan blade externally of said hub extension.

1,621,604. SLING HOOK. HORACE F. RUGGLES, Brooklyn, N. Y. Filed Aug. 11, 1922. Serial No. 581,057. 2 Claims. (Cl. 294—83.)



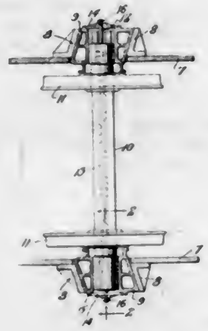
1. A trip hook comprising in combination a recessed block, a hook pivoted in said recess, a dog pivoted in said block and lying wholly within said recess and adapted to engage said hook, said block having an exterior shoulder and means on the dog adapted to engage said shoulder outside of the block to prevent said dog from receding to an unaccessible position within said block.

1,621,605. CLOTH-CUTTING MACHINE. MILTON G. SACKERMAN and ISRAEL E. HELLER, Buffalo, N. Y., assignors to Eastman Machine Company, Buffalo, N. Y. Filed Oct. 9, 1924. Serial No. 742,536. 18 Claims. (Cl. 164—75.)



1. A cloth cutting machine having a base freely movable over a supporting surface and underneath the material to be cut, a standard rising upwardly from said base, a knife guided on said standard, said machine being adapted to advance in a forward direction to cut through a stack of material supported on said surface from the top to the bottom of the stack and said standard being movable through the cuts made by said knife, and means mounted on said machine and movable therewith and adapted to cooperate with the edge of the material to stop the further forward movement of said machine to limit the penetration of said knife through the stack of material.

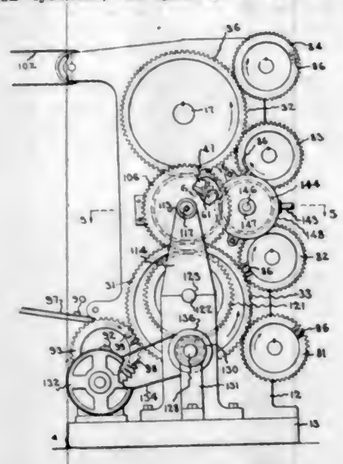
1,621,606. TRUCK. EUGENE L. SCHELLENS, Pointe Claire, Quebec, Canada, and JOEL S. COFFIN, Jr., Lisbon, N. H., assignors, by direct and mesne assignments, to C-S Engineering Company, a Corporation of Delaware. Filed May 15, 1925. Serial No. 30,435. 2 Claims. (Cl. 105—174.)



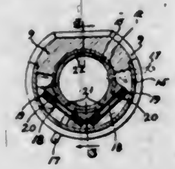
1. A radial trailer truck for locomotives comprising in combination a frame with one end open and the other adapted to be pivoted to the locomotive, an axle having wheels, boxes for said axle at the open end of said frame, and tying means for fixing the boxes relative to one another.

1,621,607. MULTICOLOR-PRINTING MACHINERY. STEWART L. SHARPLESS, Milwaukee, Wis. Filed May 29, 1925. Serial No. 33,781. 13 Claims. (Cl. 101—183.)

1. In a multi-color printing machine, the combination of a pair of impression cylinders, a plate cylinder coacting with each of said impression cylinders, a transfer cylinder between said impression cylinders, a train of gearing independent of driving connection with said plate cylinders and said transfer cylinder for rotating said impression cylinders, and gearing between said impression cylinders and said plate cylinders and said transfer cylinder for rotating said plate cylinders and said transfer cylinder from said impression cylinders.



1,621,608. TONE MODIFIER. THOMAS J. SLECHTA, Minneapolis, Minn. Filed Dec. 4, 1924. Serial No. 753,852. 2 Claims. (Cl. 84—383.)



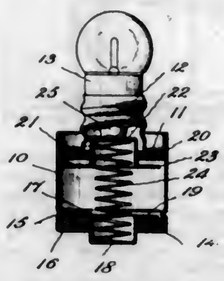
1. A wind instrument having in a wall thereof an air port and outward of said air port an air chamber, a diaphragm stretched across said air port and subject to the musical tone-producing air vibrations from within the instrument, and a valve-acting element movable to close said air port and cut said diaphragm out of the influence of said air vibrations, said valve-acting element being in the form of a sleeve having a port that cooperates with the port over which said diaphragm is stretched, to open and close said latter port.

1,621,609. CALCULATING DEVICE. THEODORE J. SMULSKI, Chicago, Ill., assignor to John W. Anderson, Gary, Ind. Filed Feb. 2, 1923. Serial No. 616,544. 4 Claims. (Cl. 235—78.)



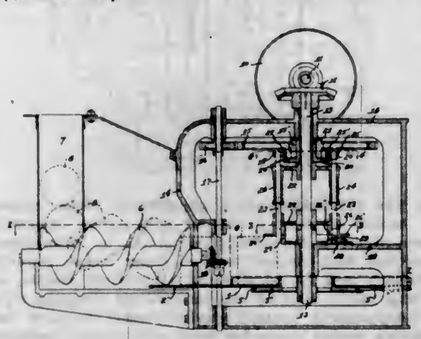
1. A calculator comprising a series of movable disks of progressively varying diameters and orders mounted above one another with their centers spaced so that all of said disks have a point in common at their circumference, each of said disks having a series of numbers thereon and a recess therein, and yieldably-held means between each pair of adjacent disks and engageable in the recess in the adjacent disk to carry-over said adjacent disk when the other of said disks has been moved a predetermined amount and automatically disengaging from said recess as soon as the carrying-over has been effected.

1,621,610. SHOCK-ABSORBING SUPPORT FOR ELECTRIC LAMPS. SAMUEL SOKOLOW, Brooklyn, N. Y., assignor to Bright Star Battery Company, a Corporation of New York. Filed Dec. 31, 1924. Serial No. 759,023. 3 Claims. (Cl. 240—10.5.)



1. A connecting shock absorbing support for electric lamp bulbs comprising an exterior casing, means at one end thereof for receiving a lamp bulb, a single compressible spring under the lamp bulb, a movable conducting terminal at each end of said spring, one terminal being adapted to make contact under the central terminal of the lamp bulb, and an insulating guide for each of said terminals.

1,621,611. CAN FEEDER. ALBERT R. THOMPSON, San Jose, Calif., assignor to Anderson-Barngrover Mfg. Co., San Jose, Calif., a Corporation of California. Filed Apr. 26, 1926. Serial No. 104,674. 13 Claims. (Cl. 198—21.)

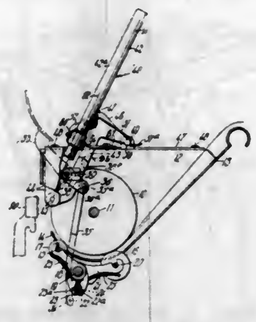


1. A feeder for containers to be filled, comprising a conveyer for supplying a procession of containers; means for passing said procession by a filling station; and means for returning any given container, after passing said station, and introducing it into the procession supplied by said conveyer.

1,621,612. PROCESS OF TANNING. JOHN K. TULLIS, New York, N. Y. Filed Oct. 3, 1923. Serial No. 666,250. 5 Claims. (Cl. 149—4.)

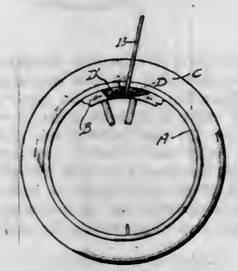
5. The process which comprises partially tanning hides in a weak tanning liquor, drying to a bone dry condition, and then completing the tanning in about half its weight of strong tanning liquor in a rotating drum.

1,621,613. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 3, 1925. Serial No. 34,542. 28 Claims. (Cl. 197—127.)



1. The combination with a typewriting machine having a platen and lower feed-rolls engaging the platen, of a displaceable collating table, a work-sheet-holding clip mounted on said table, and mechanism actuating said feed-rolls and said clip to provide co-operative work-sheet-holding action between the latter and said feed-rolls, whereby one or the other will always hold a collated work-sheet against displacement.

1,621,614. VEHICLE RIM. JAMES WALLACE, Affton, Mo. Filed June 5, 1925. Serial No. 35,091. 3 Claims. (Cl. 301—30.)

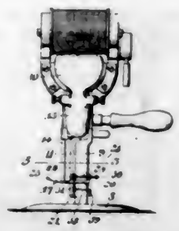


1. A one-piece, transversely-split tire rim equipped with a substantially channel-shaped member projecting inwardly from one end portion of said rim and provided with a reduced extension and internal and external shoulders, a member projecting inwardly from the other end portion of the rim and provided with side flanges that co-operate with said extension and said external shoulders and provided with a prong that co-operates with said internal shoulders, and holes in said members arranged to receive a pair of transversely-disposed pins on a rim tool that is used to move the end portions of said rim into and out of overlapping relationship.

1,621,615. TREATING RUBBER SURFACES. GEORGE F. WIKLE, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Apr. 8, 1924. Serial No. 703,960. 7 Claims. (Cl. 18—47.)

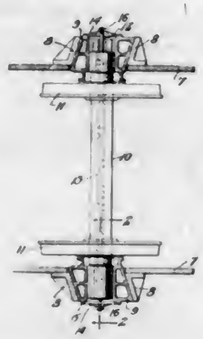
1. A coating solution for rubber surfaces comprising hypo-sulphite of soda and a softening agent.

1,621,605. CLOTH-CUTTING MACHINE. MILTON G. SACKERMAN and ISRAEL E. HELLER, Buffalo, N. Y., assignors to Eastman Machine Company, Buffalo, N. Y. Filed Oct. 9, 1924. Serial No. 742,536. 18 Claims. (Cl. 164—75.)



1. A cloth cutting machine having a base freely movable over a supporting surface and underneath the material to be cut, a standard rising upwardly from said base, a knife guided on said standard, said machine being adapted to advance in a forward direction to cut through a stack of material supported on said surface from the top to the bottom of the stack and said standard being movable through the cuts made by said knife, and means mounted on said machine and movable therewith and adapted to cooperate with the edge of the material to stop the further forward movement of said machine to limit the penetration of said knife through the stack of material.

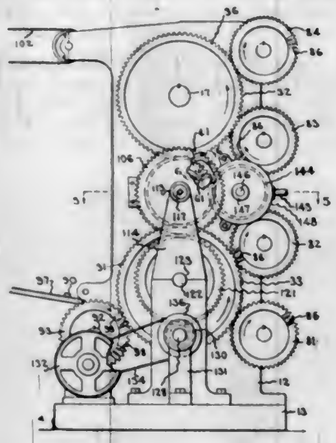
1,621,606. TRUCK. EUGENE L. SCHELLENS, Pointe Claire, Quebec, Canada, and JOEL S. COFFIN, Jr., Lisbon, N. H., assignors, by direct and mesne assignments, to C-S Engineering Company, a Corporation of Delaware. Filed May 15, 1925. Serial No. 30,435. 2 Claims. (Cl. 105—174.)



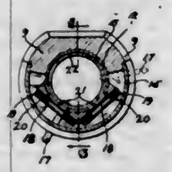
1. A radial trailer truck for locomotives comprising in combination a frame with one end open and the other adapted to be pivoted to the locomotive, an axle having wheels, boxes for said axle at the open end of said frame, and tying means for fixing the boxes relative to one another.

1,621,607. MULTICOLOR-PRINTING MACHINERY. STEWART L. SHARPLESS, Milwaukee, Wis. Filed May 29, 1925. Serial No. 33,781. 13 Claims. (Cl. 101—183.)

1. In a multi-color printing machine, the combination of a pair of impression cylinders, a plate cylinder coacting with each of said impression cylinders, a transfer cylinder between said impression cylinders, a train of gearing independent of driving connection with said plate cylinders and said transfer cylinder for rotating said impression cylinders, and gearing between said impression cylinders and said plate cylinders and said transfer cylinder for rotating said plate cylinders and said transfer cylinder from said impression cylinders.

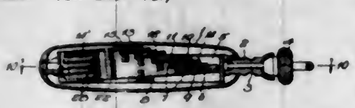


1,621,608. TONE MODIFIER. THOMAS J. SLECHTA, Minneapolis, Minn. Filed Dec. 4, 1924. Serial No. 753,852. 2 Claims. (Cl. 84—383.)



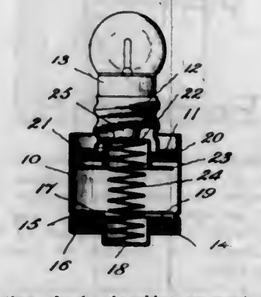
1. A wind instrument having in a wall thereof an air port and outward of said air port an air chamber, a diaphragm stretched across said air port and subject to the musical tone-producing air vibrations from within the instrument, and a valve-acting element movable to close said air port and cut said diaphragm out of the influence of said air vibrations, said valve-acting element being in the form of a sleeve having a port that cooperates with the port over which said diaphragm is stretched, to open and close said latter port.

1,621,609. CALCULATING DEVICE. THEODORE J. SMULSKI, Chicago, Ill., assignor to John W. Anderson, Gary, Ind. Filed Feb. 2, 1923. Serial No. 616,544. 4 Claims. (Cl. 235—78.)



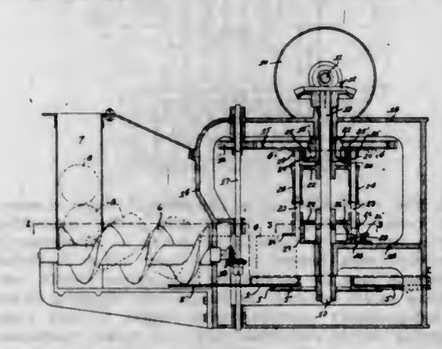
1. A calculator comprising a series of movable disks of progressively varying diameters and orders mounted above one another with their centers spaced so that all of said disks have a point in common at their circumference, each of said disks having a series of numbers thereon and a recess therein, and yieldably-held means between each pair of adjacent disks and engageable in the recess in the adjacent disk to carry-over said adjacent disk when the other of said disks has been moved a predetermined amount and automatically disengaging from said recess as soon as the carrying-over has been effected.

1,621,610. SHOCK-ABSORBING SUPPORT FOR ELECTRIC LAMPS. SAMUEL SOKOLOW, Brooklyn, N. Y., assignor to Bright Star Battery Company, a Corporation of New York. Filed Dec. 31, 1924. Serial No. 759,023. 3 Claims. (Cl. 240—10.5.)



1. A connecting shock absorbing support for electric lamp bulbs comprising an exterior casing, means at one end thereof for receiving a lamp bulb, a single compressible spring under the lamp bulb, a movable conducting terminal at each end of said spring, one terminal being adapted to make contact under the central terminal of the lamp bulb, and an insulating guide for each of said terminals.

1,621,611. CAN FEEDER. ALBERT R. THOMPSON, San Jose, Calif., assignor to Anderson-Barngrover Mfg. Co., San Jose, Calif., a Corporation of California. Filed Apr. 26, 1926. Serial No. 104,674. 18 Claims. (Cl. 198—21.)

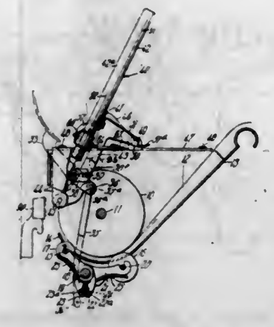


1. A feeder for containers to be filled, comprising a conveyer for supplying a procession of containers; means for passing said procession by a filling station; and means for returning any given container, after passing said station, and introducing it into the procession supplied by said conveyer.

1,621,612. PROCESS OF TANNING. JOHN K. TULLIS, New York, N. Y. Filed Oct. 3, 1923. Serial No. 666,250. 5 Claims. (Cl. 149—4.)

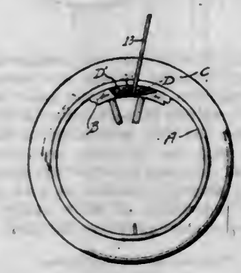
5. The process which comprises partially tanning hides in a weak tanning liquor, drying to a bone dry condition, and then completing the tanning in about half its weight of strong tanning liquor in a rotating drum.

1,621,613. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 3, 1925. Serial No. 34,542. 28 Claims. (Cl. 197—127.)



1. The combination with a typewriting machine having a platen and lower feed-rolls engaging the platen, of a displaceable collating table, a work-sheet-holding clip mounted on said table, and mechanism actuating said feed-rolls and said clip to provide co-operative work-sheet-holding action between the latter and said feed-rolls, whereby one or the other will always hold a collated work-sheet against displacement.

1,621,614. VEHICLE RIM. JAMES WALLACE, Affton, Mo. Filed June 5, 1925. Serial No. 35,091. 3 Claims. (Cl. 301—30.)

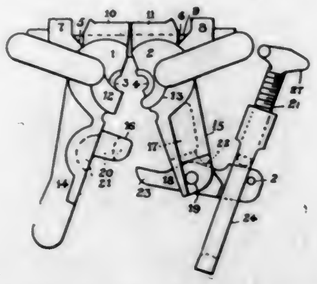


1. A one-piece, transversely-split tire rim equipped with a substantially channel-shaped member projecting inwardly from one end portion of said rim and provided with a reduced extension and internal and external shoulders, a member projecting inwardly from the other end portion of the rim and provided with side flanges that co-operate with said extension and said external shoulders and provided with a prong that co-operates with said internal shoulders, and holes in said members arranged to receive a pair of transversely-disposed pins on a rim tool that is used to move the end portions of said rim into and out of overlapping relationship.

1,621,615. TREATING RUBBER SURFACES. GEORGE F. WIELE, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Apr. 3, 1924. Serial No. 703,960. 7 Claims. (Cl. 18—47.)

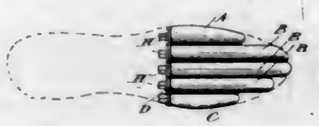
1. A coating solution for rubber surfaces comprising hypo-sulphite of soda and a softening agent.

1,621,616. WIRE-LINE DRILLING CLAMP. CLYDE S. WRIGHT, Toledo, Ohio, assignor to The National Supply Company, Toledo, Ohio, a Corporation of Ohio. Filed Dec. 18, 1926. Serial No. 155,565. 10 Claims. (Cl. 24—135.)



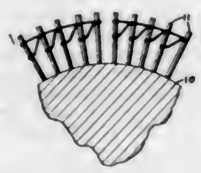
1. In a clamp, a pair of pivotally connected jaws, operating arms connected thereto, a lever pivoted to one arm and fulcrumed on the other arm, and power means pivoted to the latter arm and arranged to be applied to the lever to move the jaws toward each other.

1,621,617. INDIVIDUAL TOE EXPANDER FOR SHOE UPPERS. EDWARD O. YOUNG, Cleveland Heights, Ohio. Filed Feb. 18, 1926. Serial No. 89,093. 6 Claims. (Cl. 12—129.2.)



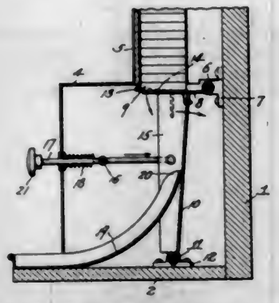
1. In a device of the character described, a multiple number of longitudinally divided toe members closely assembled for insertion between the upper and sole of a shoe in parallel relation to each other, a common transverse support for the rear extremities of said toe members in which said toe members are revolvable upon their longitudinal axes and in which the divisions of each toe member are pivotally secured in such a manner as to permit the separation of their outer ends and a separate internal expanding means for each toe member.

1,621,618. TURBINE-BLADE LASHING. ROBERT C. ALLEN, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 24, 1925. Serial No. 45,788. 9 Claims. (Cl. 253—77.)



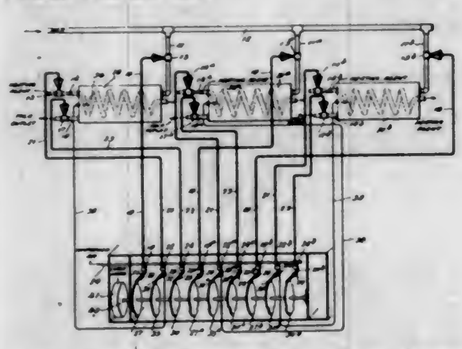
1. Means for lashing a row of turbine blades comprising a lashing member extending along the row and secured to each blade, and other lashing members extending diagonally between adjacent blades in a row and secured to said blades, all of said lashing members lying in a plane normal to the axis of the turbine rotor.

1,621,619. DELIVERY MECHANISM. MARSELIUS T. ASHE, Brooklyn, N. Y. Filed Oct. 21, 1925. Serial No. 63,819. 4 Claims. (Cl. 211—8.)



1. The combination with a magazine to contain a stack of articles, of a movable base support for the stack, shiftable means for releasably holding said base support in its operative position, and other means carried by said shiftable means, for supporting the stack when the base support is released to permit delivery of the bottom article.

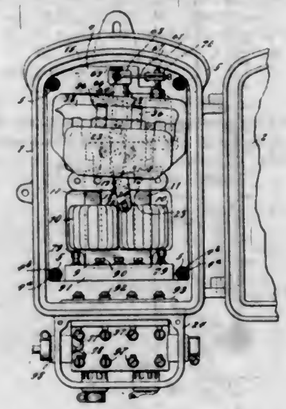
1,621,620. CONTROLLING APPARATUS. FRANK J. BAST, New York, N. Y., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y., a Corporation of New York. Filed Mar. 1, 1924. Serial No. 696,405. 2 Claims. (Cl. 236—46.)



1. The combination of a plurality of tanks, conducting means common to all of said tanks, controlling valves whereby the conducting means is independently controlled with respect to each tank, means connected with each tank for varying the temperature therein, controlling valves whereby the temperature changing means is independently controlled with respect to each tank, emptying means connected with said tanks, controlling valves whereby said emptying means is independently controlled with respect to each tank, a plurality of devices for operating said controlling valves in predetermined relation to each other to automatically produce operative cycles consisting of a filling period, a constant temperature period and an emptying period in each of said tanks in predetermined nonsynchronism with respect to each other.

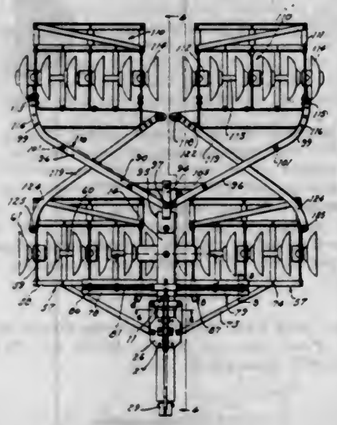
1,621,621. FLASHER. GILBERT L. BOSSARD, Loudonville, N. Y. Filed June 17, 1925. Serial No. 37,693. 21 Claims. (Cl. 200—90.)

1. An electric flasher comprising a driver element and a driven element relatively movable and acting upon one another for a snap operation of the driven element in opposite directions when the driver element moves alternately in opposite directions beyond critical intermediate positions, electrically controlled means for operating the driver element in opposite directions, a circuit controller including a pivotally mounted tube containing contacts



and a conducting fluid operated by said driven element and controlling the activity of said means to cause alternate movements of said driver element, and means for retarding the progress of the movements of the driver element.
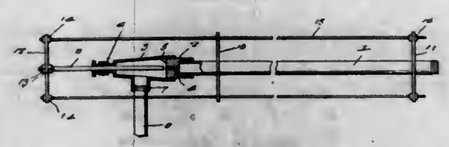
1,621,622. DISK HARROW. LOUIS BRENNEIS, Oxnard, Calif., assignor to Brennels Manufacturing Company, Oxnard, Calif., a Corporation of California. Filed July 26, 1926. Serial No. 124,856. 20 Claims. (Cl. 55—83.)



2. In a disk harrow, the combination of: a main frame; a rear frame pivoted to said main frame; front gangs pivoted at their inner ends to said main frame; rear gangs pivoted at their outer ends to said rear frame; means for changing the position of said front gangs; and operating bars each connected to one of said front gangs and one of said rear gangs for changing the position of said rear gangs.

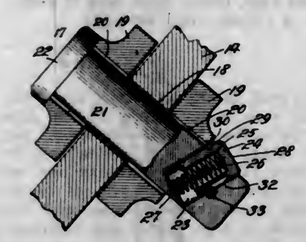
1,621,623. EXPANSION STEAM TRAP. RICHARD J. BURNS, Lowellville, Ohio. Filed July 18, 1925. Serial No. 44,491. 1 Claim. (Cl. 236—60.)

In a structure of the class described, a relatively long expansible and contractible steam pipe, a casing at the discharge end of said pipe, a coupling between the pipe and casing, said coupling being provided with a restricted passage and a valve seat and being threaded on the pipe and in the casing, a stuffing box carried by the end of said casing remote from the coupling, a valve rod slidable through said stuffing box, the inner end of said valve rod



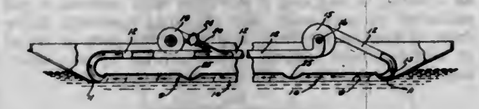
being cooperable with said seat of the coupling, and means mounted upon said pipe and connected with said valve rod for actuating the latter, said means comprising a cross head connected to the outer end of said valve rod, a plate anchored on the intake end of said pipe, and connections between said cross head and plate.

1,621,624. COUPLING PIN. JAMES A. CAMPO, Woodridge, N. J., assignor to Buffalo Brake Beam Company, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 81,364. 5 Claims. (Cl. 85—3.)



1. A coupling pin for railway equipment comprising a body portion having an enlarged head on one end and a recess adjacent its other end, a keeper reciprocable in the recess, the outer end of said keeper extending beyond the side of the body portion and inclined toward said side in a direction away from the head end, the high side of said keeper being notched to provide a flat surface for engagement with part of a mechanism to which the pin is applied, and a coil spring disposed between the plunger and the bottom of the recess.

1,621,625. AIR-FLOATED BARGE. VASCO F. CASEY, Minneapolis, Minn. Filed Sept. 14, 1925. Serial No. 56,189. 5 Claims. (Cl. 114—67.)

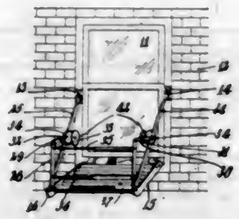


1. A boat equipped with means for maintaining under the bottom thereof a sheet of air on which the boat is floated, and means for maintaining an endless circulation of the air and for forcing rearwardly the air on which the boat is floated.

1,621,626. SAFETY WINDOW-CLEANING DEVICE. HENRY P. CHIEFFO, Weehawken, N. J. Filed Mar. 26, 1925. Serial No. 18,380. 1 Claim. (Cl. 304—26.)

A window-cleaner's longitudinally adjustable platform with associated holding means, comprising a pair of transverse supporting bars, longitudinally disposed slats

hingedly secured to the inner side of one of said transverse bars, said slats each being formed along one edge with a groove, and along the other edge with a tongue, longitudinally disposed slats secured to the inner side of the other of said transverse bars, by means of



latches, and being formed with complementary grooves and tongues, engaging the before mentioned grooves and tongues, the joint formed by the grooves and tongues being very tight to provide frictional engagement between said slats, forming a unit.

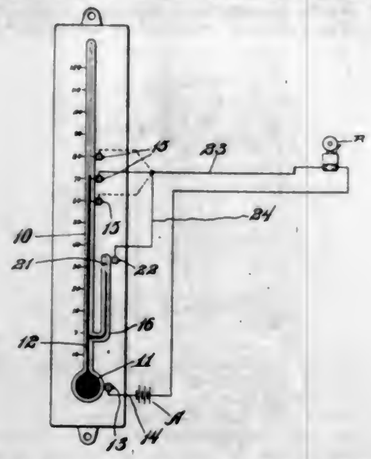
1,621,627. WELL BAILER. GEORGE WOODING CLARKE, Oklahoma City, Okla. Filed May 7, 1925. Serial No. 28,665. 4 Claims. (Cl. 166—19.)



1. In a device of the class described, a cylinder having an opening in one end, a valve for said opening, a rod connected to said valve and extending upwardly therefrom, a loop on said rod, a latch in the path of travel of said loop and adapted to be operated by the latter, and means for holding said latch against operation.

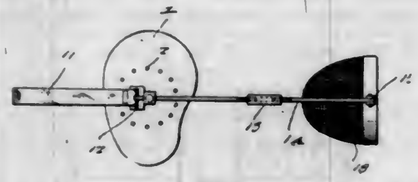
1,621,628. THERMOSTATIC ALARM. JOHN J. COMERFORD, Philadelphia, Pa., assignor of one-third to Michael J. Martley, Bronxville, N. Y., and one-third to Harry Byrne, New York, N. Y. Filed Dec. 8, 1925. Serial No. 74,197. 3 Claims. (Cl. 200—141.)

1. A thermostatic control of the character described including a thermometer having a tube, the tube being provided with a contact point disposed in the upper end of the tube and with which the mercury is adapted to engage when the mercury rises to a predetermined point and also having a contact point adjacent the lower portion of the tube with which the mercury is at all times in electrical engagement, said contact points having binding screws, the tube having an upwardly extending branch extending from the lower portion of the tube, and means



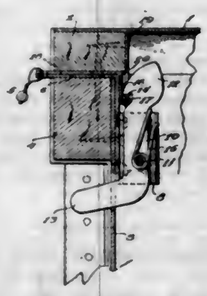
within this branch actuated by the falling of the mercury in the branch adapted to close a circuit through the said electrically actuated means.

1,621,629. GOGGLES. PAUL A. DAWSON, Akron, Ohio. Filed Apr. 15, 1926. Serial No. 102,223. 2 Claims. (Cl. 2—14.)



1. In combination, lens frames, lenses therein, a nose piece interposed between and joining the lens frames, mufflers shaped to fit over the ears and provided with minute openings and also provided with outwardly extending projections having longitudinal bores and equipped with set screws, temple bars connected with the lens frames and extending through the said longitudinal bores of said projections and adapted to be engaged by said set screws.

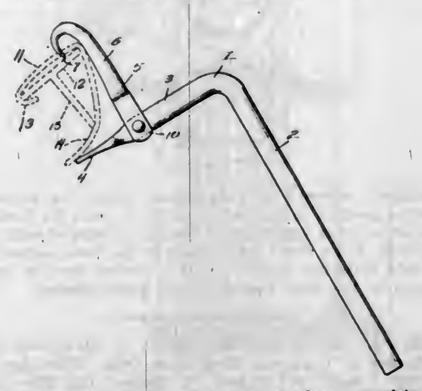
1,621,630. BOX FASTENER. SANDERS DEBUS, Hastings, Nebr. Filed Nov. 19, 1925. Serial No. 70,144. 1 Claim. (Cl. 292—128.)



A box fastener comprising a stop including angularly disposed wings and a loop in the plane of one of the wings and at a right angle to the other wing, the outer

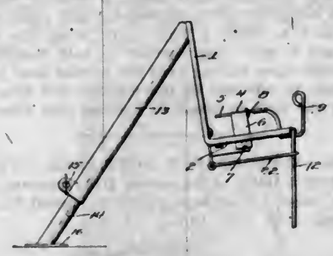
member of the loop having a latch opening, an angle base adapted to fit within the angle formed by the said loop and the wing disposed at an angle thereto, a keeper attached to the wing of the base in contact with the loop portion of the stop, a latch comprising a body pivoted intermediate its ends within the keeper and having a locking head at its upper end and a forwardly projecting finger piece at its lower end, and a spring normally urging the locking head forwardly.

1,621,631. CLAMPING TOOL FOR WIRE-FENCE STAPLES. JAMES A. GAFFNEY and MERRIL J. HANSON, North Redwood, Minn. Filed June 10, 1925. Serial No. 36,178. 1 Claim. (Cl. 140—55.)



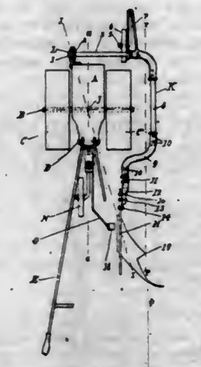
A clamping tool for wire fence staples, comprising a bar bent intermediate its ends to form a handle and a right-angularly disposed shank provided with an opening for a pivot pin and having its extremity flattened, and a jaw including a shank having a pair of spaced ears at one end provided with openings for said pivot pin and straddling the intermediate portion of the shank of the bar and at its other end a curved hook portion having a crotch at its ends, and a pivot pin passing through the openings in the ears and the opening in the shank of the bar to pivot the jaw thereto on a side of said shank of the bar opposite to that from which extends the handle.

1,621,632. BOOK REST. ARTHUR GRUMBLES, Fort Worth, Tex. Filed June 5, 1925. Serial No. 35,172. 2 Claims. (Cl. 45—61.)



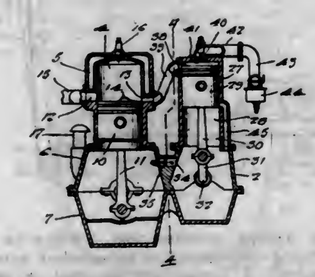
1. A book rest comprising a backing plate, a right-angular shelf carried thereby, said shelf being provided with an opening, a rod supported on the under side of the shelf and located beneath said opening, a substantially U-shaped clamping member, the arms of said member extending downwardly through said opening and being pivotally mounted upon said rods, a spring coiled around said rod and having one end bearing against the bight portion of the U-shaped member for maintaining it in a predetermined position, and a handle connected with the intermediate portion of the U-shaped member, said handle extending downwardly through said opening and terminating in an upwardly projecting hand-grip, whereby to limit the movement of the U-shaped member in one direction and permit it to be pulled downwardly through said opening and below said shelf.

1,621,633. ANTI-SIDE-DRAFT PLOW HITCH. PAUL HANSMANN and HERMAN STRACK, Long Prairie, Minn., assignors, by mesne assignments, to the said Hansmann. Filed Nov. 12, 1920. Serial No. 423,673. 10 Claims. (Cl. 97—48.)



1. In an implement connection of the class described, the combination with a tractor and a plow positioned relative to the tractor to cut a furrow in the trail of one of the traction wheels, of a draft tongue connected with the plow and extending around the tractor to a point forward of the traction wheels thereof and to and beyond the longitudinal central axis of the tractor, means for supporting said draft tongue in elevated position relative to the ground, and a pivotal connection between the forward end of said draft tongue and the tractor at a position located beyond said longitudinal central axis of the tractor.

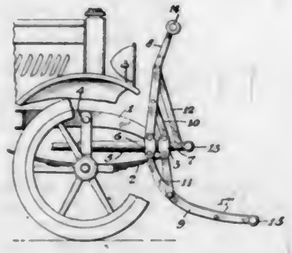
1,621,634. INTERNAL-COMBUSTION ENGINE. HENRY R. JONES, Bedford, Va., assignor of one-third to William P. Hurt and one-third to Nelson Sale, Bedford, Va. Filed Jan. 11, 1926. Serial No. 80,675. 3 Claims. (Cl. 123—70.)



2. In an internal combustion engine, an engine unit having a working cylinder and a working piston, a charger unit having a double acting cylinder adjacent said working cylinder, a passage establishing communication between said cylinders for admitting a working mixture to the working cylinder from the charger cylinder, an exhaust from the working cylinder controlled in a predetermined manner, a double acting piston in the charger cylinder, a valved air inlet to the charger cylinder at one side of said piston, a valved fuel mixture inlet communicating with the cylinder at the opposite

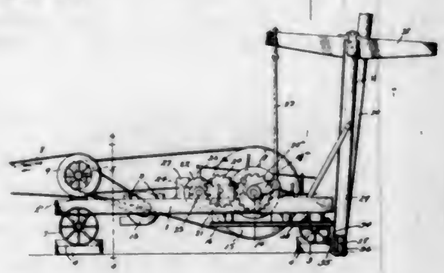
side of the piston, a by-pass in the charger cylinder to permit passage of air from the first mentioned side of the piston to the last mentioned side thereof, and means for operating said piston in timed relation, whereby in one stroke of the charger piston, a charge of air will be drawn into one end of the charger cylinder and a charge of fuel and compressed air will be intermixed and compressed in the other end of said charger cylinder and supplied at the end of the stroke of the piston to the working cylinder, and in the opposite stroke of said charger piston the charge of air in the first named end of the charger cylinder will be compressed, while a charge of fuel mixture will be drawn into the last named end of said charger cylinder, and at the end of this stroke of the piston will uncover the by-pass to permit a charge of compressed air to enter the opposite end of the cylinder for intermixture under pressure with the fuel mixture therein.

1,621,635. SAFETY DEVICE AND BUMPER. CHARLES KIRCH, Pasadena, Calif. Filed Oct. 22, 1925. Serial No. 64,171. 10 Claims. (Cl. 293—15.)



3. In a buffer controlled fender a pair of sleeves, shafts slidable therein, arms pivoted to the sleeves and means for actuating said arms, said means consisting of links connecting the arms and shafts, and means for actuating said shafts.

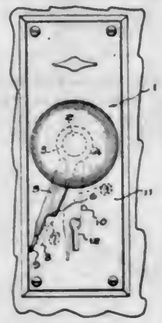
1,621,636. WELL-DRILLING MACHINE. GEORGE L. LANE and WILLIAM E. SYKES, Marietta, Ohio. Filed Sept. 14, 1921. Serial No. 500,486. 6 Claims. (Cl. 255—11.)



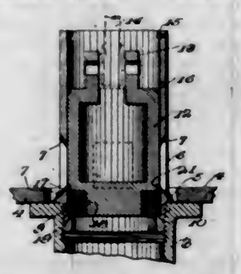
1. In a drilling machine, the combination with a frame carrying shafting, of an independent normally detached mud-sill, a Samson-post mounted on said mud-sill, a walking-beam mounted on said post, and means connecting the walking-beam with the shafting to transmit a reciprocating motion thereto.

1,621,637. KEY GUIDE. HUGH F. MCDONALD, Burlingame, Calif. Filed July 27, 1925. Serial No. 46,312. 1 Claim. (Cl. 70—16.)

A key-guide of the character described, comprising, in combination, a door-lock bearing an escutcheon-plate and knob-shank, a guide-member in the form of a stamping having a ring at one end adapted to completely encircle said knob-shank and be dependent therefrom, the said member having a key-engaging notch formed in one edge adapted to receive and guide the shank of the key and to also normally register with the key-hole of the lock, a stop-pin mounted in the escutcheon-plate immediately adjacent to and slightly above the key-hole and adapted to engage said member to limit its further movement when said notch is brought to register with the key-hole, and a finger grip formed at the lower extremity of said stamping constituted of a portion bent at right angles to the main section of the guide member.

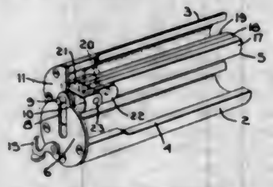


1,621,638. TANK VALVE. ROYAL A. MCINTYRE and ALBERT D. HASTINGS, West Tulsa, Okla. Filed Apr. 9, 1925. Serial No. 21,936. 7 Claims. (Cl. 251—36.)



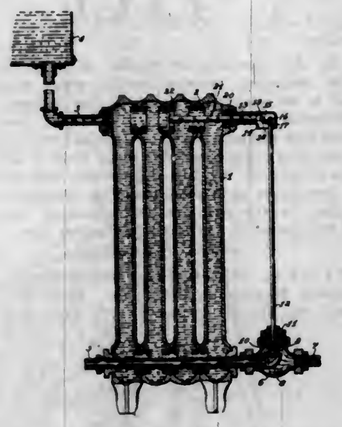
3. A valve comprising a barrel having a beveled seat, a relatively movable valve head, a member carried by the head being beveled to correspond and coact with the beveled seat to make a tight joint when the valve is closed, and a split ring carried by said member being compressible upon moving over the beveled seat to scrape the surface in advance of the member and then closely engaging the seat to assist in making said joint.

1,621,639. SUPPORT FOR PORTIÈRES, CURTAINS, AND THE LIKE. ALEKSANDER MARCZUKOWSKI, South Boston, Mass. Filed Mar. 25, 1926. Serial No. 97,248. 6 Claims. (Cl. 156—19.)



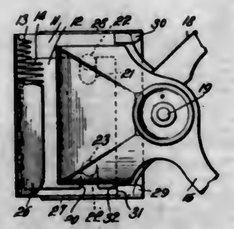
1. In a device for supporting window hangings, the combination with a tubular member divided longitudinally into two separable sections, a slotted plate secured to each end of one section, a forked member carried by each end of the other section, each forked member having a shank which operates in the slot of the adjacent plate and guides the two sections as they move from open to closed position and vice versa, and a core removably secured to said forked members and about which the hanging may be folded.

1,621,640. COMBINATION HEATING APPARATUS. WILLIAM MOONEY, Waterloo, Iowa, assignor of one-half to Satolli F. McGinn, Waterloo, Iowa. Filed Jan. 7, 1926. Serial No. 79,778. 1 Claim. (Cl. 236—43.)



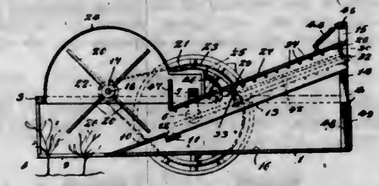
A combination heating apparatus, comprising a water-containing radiator, a water containing supply reservoir above, in communication with said radiator, to supply water thereto under head and to also serve as an expansion receiver for water heated in the radiator, a valve-controlled steam conduit in said radiator, an operating element also in said radiator spaced from said conduit and responsive to the temperature of the water, and operating connections between and moved by said element when so influenced to actuate the steam-conduit valve to regulate steam-passage and the heating of the water in the radiator.

1,621,641. GUARD FOR HAIR CLIPPERS. CHARLES H. REDMAN, East Orange, N. J., assignor to H. Boker & Co. Inc., New York, N. Y., a Corporation of New York. Filed Nov. 7, 1925. Serial No. 67,597. 3 Claims. (Cl. 30—1.)



1. A hair clipper guard, comprising a plate provided with means on its front edge for guarding the teeth of a hair clipper, edge-guarding means extending transversely of the guarding means, and a locking member overlying a portion of the lower clipper plate and abutting the rear edge of the upper clipper plate when the latter is in its extreme position of rest, said guard being capable of sliding movement in the direction of said edge-guiding means when the upper clipper plate is moved to an intermediate position.

1,621,642. BEAN AND PEA HARVESTER. MILTON B. SAMPLE, Elizabeth City, N. C. Filed July 1, 1925. Serial No. 40,919. 4 Claims. (Cl. 56—125.)



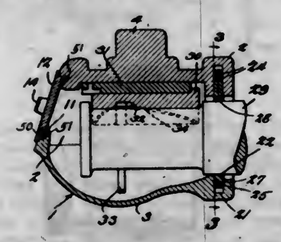
1. In a harvester of the character described, a vehicle having a body provided with a guide way in its forward end, a rotary beater supported above said guide way for stripping pods from bean or pea plants entering said guide way as said vehicle moves forward, a screen supported rearwardly of said guideway in position to receive pods from said beater, and a thresher plate movable close to said screen for cooperating with the latter to thresh the beans or peas from said pods and to discharge the chaff and hulls from said vehicle, said screen and said thresher plate being inclined upwardly toward their rearward ends and the supporting means for said screen being formed to provide a rearwardly facing rigid shoulder at the forward end of the screen.

1,621,643. ARTIFICIAL TEETH. WILMER T. SMITH, Baltimore, Md. Filed Feb. 9, 1925. Serial No. 7,911. 4 Claims. (Cl. 32—9.)



1. An artificial tooth comprising a porcelain body part having a shoulder and a central vertical recess with an undercut portion at the end of said recess opposite said shoulder, combined with a backing part provided with two dowel pins arranged to enter and fit in said recess, one of said dowel pins having a hooked part to fit in said undercut portion of said recess in said porcelain body, said backing part having a shoulder corresponding to the said shoulder of the said porcelain part.

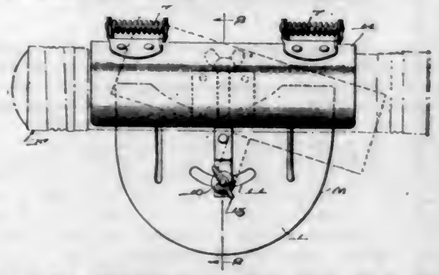
1,621,644. LUBRICATING DEVICE. ALVIN THORNBRUGH, Manly, Iowa, assignor of one-half to Carl Henry Hass, Manly, Iowa. Filed Sept. 22, 1925. Serial No. 57,879. 1 Claim. (Cl. 308—51.)



In a device of the class described, a casing comprising an upper member and a lower member provided with transverse pockets, a packing in the pockets, a journal rotatable in the packing, means for hingedly connecting the members of the casing to enable the packing to be placed in the pockets, a connecting device joining the members of the casing to prevent them from opening hingedly and releasing the packing from the pockets, and supplemental mechanism for preventing the members of the

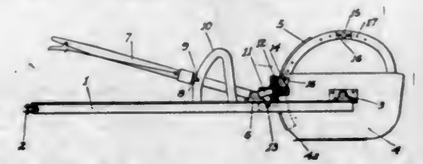
casing from opening hingedly and releasing the packing from the pockets should the connecting device fail, said supplemental mechanism comprising a closure having a rib, both of the members of the casing having a groove receiving the rib, and spring means for holding the closure against the casing to maintain the rib engaged with the groove.

1,621,645. FLASH-LIGHT HOLDER. EARL I. THORP, Superior, Wis. Filed June 2, 1926. Serial No. 113,220. 2 Claims. (Cl. 240—52.)



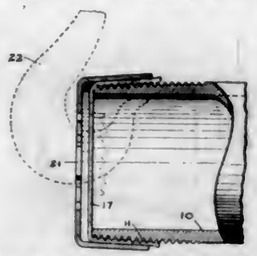
1. A flash light holder comprising means for mounting a flash light on a support, a post pivoted intermediate its ends to said mounting means, means for securing the post in any angular position, a holder having a sleeve rotatably fitted on the post, and means for securing the sleeve in any desired angular position on the post.

1,621,646. REVOLVING SCRAPER. DAMON R. THROOP, Stockton, Calif. Filed May 11, 1926. Serial No. 108,258. 7 Claims. (Cl. 37—140.)



1. A scraper comprising a frame, a bowl pivoted thereon and resting on the ground, a pin projecting laterally from the bowl in offset relation to the pivot thereof, a stop member projecting laterally from the frame beyond the bowl, and means releasable from the stop, normally engaging the stop and engaged by the pin.

1,621,647. PIPE-THREAD PROTECTOR. HERMAN A. UNKE, Cleveland, Ohio. Filed Jan. 17, 1925. Serial No. 3,047. 11 Claims. (Cl. 137—91.)



1. In a device of the class described, the combination of an article having a tapered threaded end, a cup-shaped cap having a continuous frusto-conical wall adapted to surround said threaded end and the taper of which conforms substantially to the taper of said end, and a cup-shaped member of relatively soft material interposed between said cap and said threaded end and into which the threads are mashed when the cap is forced onto said threaded end.

1,621,648. METHOD OF CONSERVING HEADER PLUGS. CARL A. S. SWANSON, Malden, Mass., assignor to Carl A. S. Swanson, trustee, Malden, Mass. Filed Sept. 23, 1925. Serial No. 58,065. 2 Claims. (Cl. 137—76.)



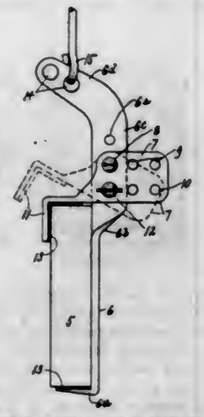
1. In the operation of tubular oil stills and the like having elongated tapered header plugs which are required to be removed at more or less frequent intervals, for cleaning purposes, the method which consists in retapping and thereby enlarging damaged threaded openings for the plugs, cutting off the small ends of such plugs as would project too far into the headers and interfere with free circulation after retapping the openings, reinserting the plugs in the openings and repeating the operations until the plugs are too short for further use.

1,621,649. SUPPORTING STRUCTURE. CARLETON SCHWAB WAGNER, Danville, Pa. Filed Nov. 21, 1925. Serial No. 70,722. 1 Claim. (Cl. 189—23.)



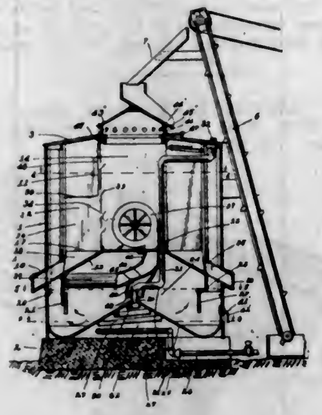
A structural member consisting of a rolled steel strip adapted to be formed by re-rolling from old rail stock and comprising a central portion of U-shape having substantially parallel side portions connected by a curved portion formed on a radius which in transverse section is less than the width of said side portions in said section, and outwardly extending flanges each of which has a width substantially equal to one quarter of the width of said side portions and connected to said side portions by curved portions having radii in transverse section greater than the thickness of said strip material.

1,621,650. ASHLAR-SETTING CLAMP. DENNIS N. ANGEL, North St. Paul, Minn. Filed Jan. 22, 1926. Serial No. 82,982. 3 Claims. (Cl. 72—128.)



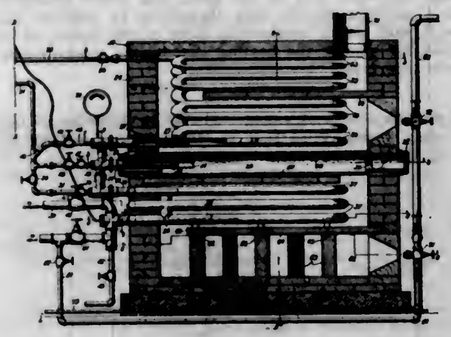
1. An ashlar setting device comprising a vertically disposed suspension bar the lower extremity of said bar directed at right angles to engage the lower edge of an ashlar and the adjacent vertical part of the bar adapted to bear against a face of the ashlar, the upper part of said main bar directed angularly from its main vertical part toward the same side as its lower extremity, a vertically and horizontally adjustable member pivotally mounted intermediate the extremities of the bar and having an inverted L-shaped extension adapted to engage the upper edge and adjacent face of the ashlar diagonally opposite to the parts engaged by the lower extremity of the bar, said angular upper end of the bar adapted to be engaged by suitable hoisting means.

1,621,651. WALNUT DEHYDRATOR. GEORGE I. BAUER, Santa Ana, Calif. Filed Nov. 24, 1925. Serial No. 71,108. 19 Claims. (Cl. 34—34.)



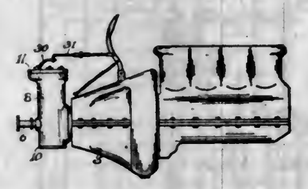
1. A dehydrator comprising a series of bins arranged substantially in a circle, said bins having foraminous side walls and means for circulating air from outside inwardly through the walls and transversely through the bins.

1,621,652. METHOD OF PRODUCING GAS. ORESTES U. BEAN, New York, N. Y., assignor to Bean Process Syndicate, Incorporated, a Corporation of Delaware. Filed Mar. 24, 1925. Serial No. 18,024. 5 Claims. (Cl. 48—214.)



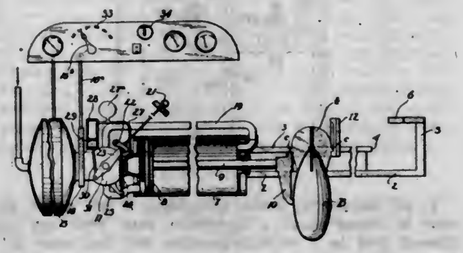
2. A method of producing gas, which comprises dissociating superheated steam into its chemical elements, then mixing said elements with hydrocarbon vapor, subjecting said mixture to alternate expansions and constrictions, and increase of heat to the temperature at which the hydrogen combined with the hydrocarbon vapor to produce a mixture of gases.

1,621,653. FLUID BRAKE MECHANISM FOR MOTOR SHAFTS. JOHN R. BINGAMAN, West Reading, Pa. Filed June 11, 1926. Serial No. 115,204. 9 Claims. (Cl. 188—99.)



1. A fluid brake mechanism for motors comprising a power shaft, a brake housing enclosing a portion of said shaft and extending at right angles therefrom, a central piston chamber open at one end within said housing, an annular chamber within said housing surrounding said piston chamber and in free communication with the open end of the latter, ports at the closed end of said piston chamber communicating with said annular chamber, a rotatable sleeve covering said ports and having apertures adapted to register with the latter, a fluid medium completely filling said housing and its interior chambers, and means within said housing operative from outside the latter for determinedly rotating said sleeve.

1,621,654. BOMB-DROPPING DEVICE FOR AIRCRAFT. ORLANDO J. BOOS, Los Angeles, Calif. Filed Apr. 12, 1923. Serial No. 631,511. 8 Claims. (Cl. 244—1.)

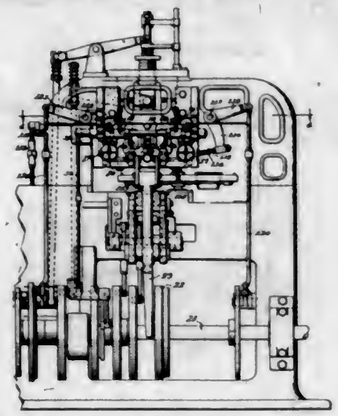


1. A bomb discharging apparatus for airplanes comprising a cylinder, a piston reciprocable in said cylinder, means for releasably holding a bomb associated with said piston so that the bomb may be quickly carried rearwardly and released, means for admitting fluid pressure to said cylinder at either end thereof, and means for automatically admitting the fluid pressure to that end of the cylinder to return the piston to its initial position after the bomb has been released.

1,621,655. BOX-MAKING MACHINE. CHARLES BURNHAM, Washington, D. C. Filed July 29, 1925. Serial No. 46,872. 25 Claims. (Cl. 153—1.)

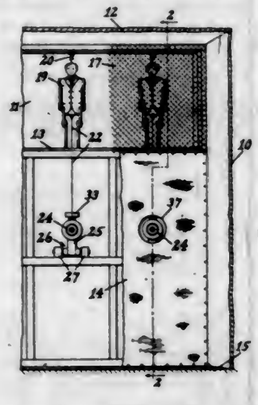
1. In a machine of the type set forth, a carriage carrying the rim side folders and means for reciprocating

said carriage toward and from the basket-former, said means embodying a rocking lever and a double buffer



connection between said rocking lever and the carriage adapted to cushion the movement of the carriage on its advance stroke as well as its return stroke.

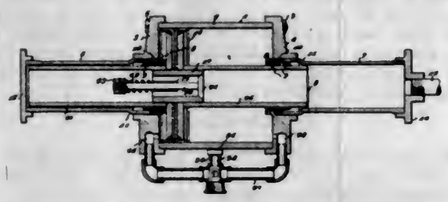
1,621,656. AMUSEMENT APPARATUS. FRANK V. BURROW, Glendale, Calif., assignor of one-third to George H. Winchell, sr., Muskogee, Okla. Filed Aug. 12, 1926. Serial No. 128,728. 2 Claims. (Cl. 273—102.)



1. An amusement device comprising a bell crank, pivoted to swing about a horizontal axis, with one arm thereof held in a vertical position and the other in a horizontal position; a jointed figure, simulating the form of a human being, resiliently suspended above said bell crank; a target disc fixed on the vertical arm of said bell crank; a cord connecting said jointed figure to the horizontal arm of said bell crank, so that a downward pull is exerted on said jointed figure when said horizontal arm swings downwardly; means for restoring said bell crank to its normal position and means for holding it in that position.

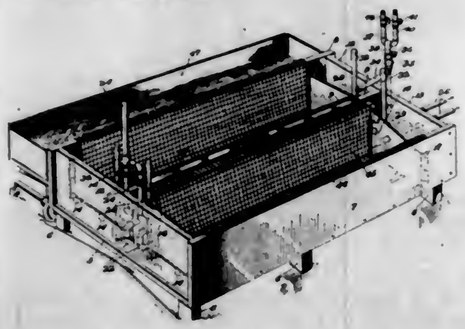
1,621,657. GREASE GUN. CHARLES G. COOPER and ANDREW J. DINKEL, Yuma, Ariz. Filed July 14, 1924. Serial No. 725,963. 4 Claims. (Cl. 221—47.3.)

1. In a device of the class described, a cylinder including heads having internal shoulders, reduced extensions removably mounted in the heads, one of the extensions having means for admitting grease, and one of the extensions having a grease outlet, packings engaged between the shoulders and the ends of the extensions, alined tubular members slidable in the packings and movable in the extensions, a coupling connecting the inner ends of the tubular members detachably, a piston slidable in the cylinder and mounted on the coupling, the piston being



bound between the tubular members, a valve movably supported by the coupling, the coupling forming a seat for the valve, and means for admitting fluid pressure to the cylinder upon opposite sides of the piston to secure a reciprocation of the piston and the tubular members.

1,621,658. RETTING TANK. DAVID EARL DE LAPE, Boston, Mass. Filed Nov. 1, 1924. Serial No. 747,248. 14 Claims. (Cl. 92—5.)



1. A retting tank having a bottom, end and side walls, partitions spaced from the end walls, a partition spaced from one side wall and terminating short of the upper end of said side wall, a baffle located above the last mentioned partition, and heating coils located between the last mentioned partition and the adjacent side wall for heating liquor in the tank for causing the same to boil over and be discharged over the edge of said partition and into the main body of the tank, and means connecting said partition at the ends thereof to an adjacent side wall, said means terminating short of the bottom of the tank for placing the heating chamber in communication with the tank.

1,621,659. CONDENSER. JAMES B. DEMPSTER, Iowa City, Iowa. Filed Dec. 14, 1922. Serial No. 606,898. 2 Claims. (Cl. 175—41.5.)



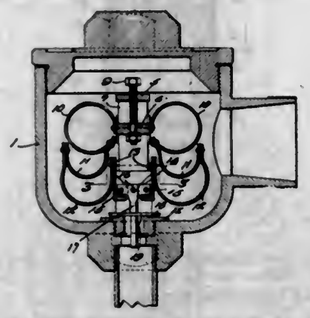
1. In a condenser, fixed plates, coacting pivoted similar plates each having each half thereof outlined by two dissimilar curves, the radius of one of said curves at any point therein equaling the square root of the sum of

the square of the radius of the other curve to a point in the same radius plus the product of a constant times the angle through which the radius is drawn, thus:

$$R=\sqrt{r^2+mP},$$

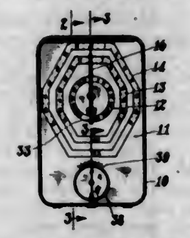
substantially as shown and described.

1,621,660. THERMOSTATIC VALVE. JESSE L. FERRIS, La Crosse, Wis. Filed Sept. 30, 1925. Serial No. 59,645. 4 Claims. (Cl. 236—59.)



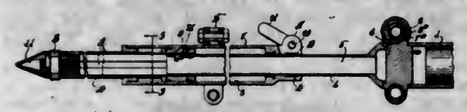
1. A thermostatic valve comprising a frame adapted to be contained within a casing, a valve seat surrounding an aperture in said frame, a carriage vertically movable in said frame, thermostatic members mounted on said carriage and a valve carried by said members and adapted to seat on said valve seat.

1,621,661. WATERPROOF VEST-POCKET SUN WATCH. MARTIN FRANK, Brooklyn, N. Y. Filed Feb. 12, 1924. Serial No. 692,363. 3 Claims. (Cl. 33—62.)



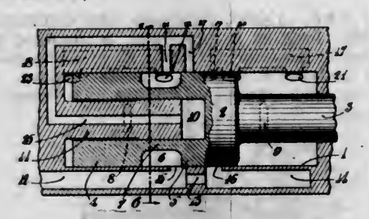
1. A sundial timepiece comprising a casing, a dial thereon, a post in said casing, a style hinged to said post, an adjustable stop element on said post, and a part carried by said style to engage the said stop element and limit outward swinging movement of the style at different selected positions of the stop.

1,621,662. FEEDING MECHANISM. ELMER G. GARTIN, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed June 2, 1921. Serial No. 474,406. 20 Claims. (Cl. 121—9.)



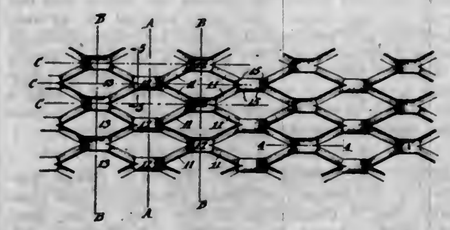
1. In a drilling apparatus, a drilling tool, and feeding means therefor comprising an extension member secured to and movable with said tool, a normally stationary cylindrical hollow member, a member disposed about said cylindrical hollow member and connectible in various positions to said first mentioned member, and means for effecting relative movement between said cylindrical hollow member and said third mentioned member.

1,621,663. FLUID-PRESSURE MOTOR. ELMER G. GARTIN, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed July 11, 1921. Serial No. 483,778. 22 Claims. (Cl. 121—17.)



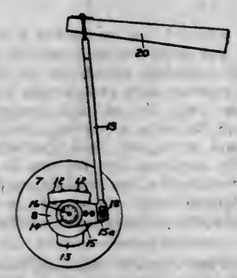
1. In a fluid pressure drilling motor, the combination with, a cylinder, a piston therein, and means for distributing fluid under pressure alternately to the opposite ends thereof and for exhausting used fluid, of fluid cushioning means controlled by said piston for subjecting a portion thereof to fluid pressure resisting the rearward movement thereof, before the moment when the first mentioned fluid distributing means for the rear end of said cylinder is operative.

1,621,664. EXPANDED SHEET METAL. HARVEY M. GERSMAN, Chicago, Ill. Filed June 1, 1923. Serial No. 642,870. 13 Claims. (Cl. 72—117.)



1. Expanded sheet metal having strands and junction portions delimiting hexagonal voids wherein the voids and junction portions are disposed in rows extending longitudinally of the sheet and the sheet is longitudinally corrugated, the strands by virtue of the corrugations extending from the junction portions at an angle to the mean plane of the sheet and the junction portions being transversely concave relatively to the face of the sheet to which they are presented and also being substantially symmetrically angular relatively to said mean plane.

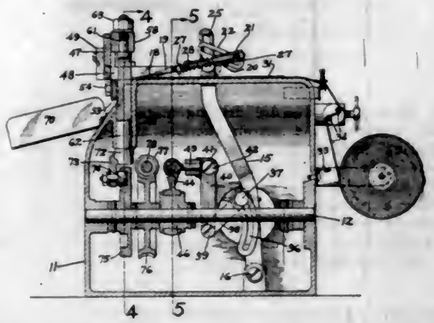
1,621,665. CRANK FOR DRILLING RIGS. EDGAR E. GREVE, Bellevue, Pa. Filed Aug. 17, 1922. Serial No. 582,527. 5 Claims. (Cl. 255—13.)



1. A crank mechanism comprising a driven shaft, a crank loosely mounted thereon, means fixed to said shaft having a laterally projecting portion having two crank

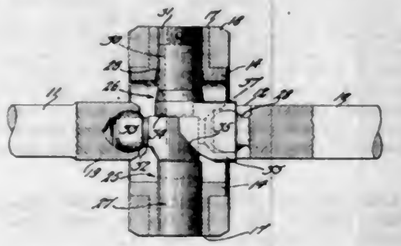
engaging faces thereon adapted to move the crank, and yieldably supported contact members on each of said faces of said projecting portion for engagement with the crank.

1,621,666. LABEL FEEDING AND CUTTING MACHINE. BERNARD B. GUENTHER, Minneapolis, Minn., assignor of one-third to Charles E. Ovenshire and one-third to George F. Dickson, Minneapolis, Minn. Filed Aug. 20, 1923. Serial No. 658,334. 13 Claims. (Cl. 164—48.)



1. In a label-cutting machine, a table having guides, a pivoted feed arm having an arcuate slot and a feed dog pivoted to said lever, said arm adapted to advance to and stop at a predetermined point and correspondingly advance strip material in the guides, a drive-shaft having an eccentric thereon, a bell-crank, and extending transversely between said lever and feed arm and having a pivot slidable in the arcuate slot, the center of curvature of the slot being at the pivotal center of the link.

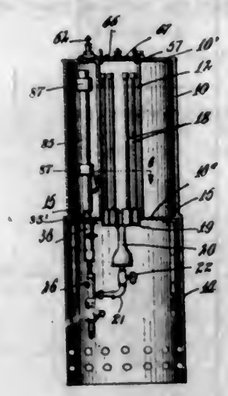
1,621,667. UNIVERSAL JOINT. FRANK A. HAYES, Keyport, N. J., assignor to Healey-Aeromarine Bus Company, Inc., a Corporation of New York. Filed Sept. 27, 1926. Serial No 137,981. 7 Claims. (Cl. 64—102.)



1. In a joint adapted for connecting a driving and a driven member and provided with spaced apart axially aligned bearings, a control means for the joint comprising a two-part member each part having a journal slidably engaged in only one of said bearings for relative oscillation of its parts, a portion extending laterally from each of said parts and rigid therewith; said portions respectively engaging the driving and the driven member in a rotationally free manner, and an integral pintle portion formed upon one of said parts on which the other of said parts is mounted for oscillation.

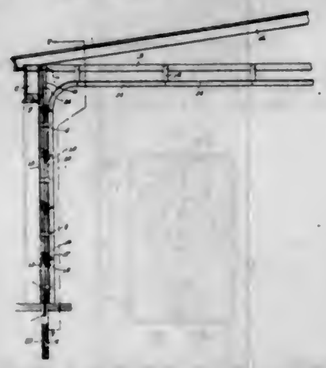
1,621,668. HEATER. STEVEN HEITLER, New York, N. Y. Filed July 30, 1924. Serial No. 729,139. 3 Claims. (Cl. 236—26.)

1. A water heater comprising a boiler, a heat generating element, means communicating with the bottom of said boiler adapted to be actuated by steam pressure in the boiler for controlling said heat generating element,



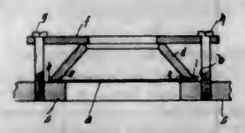
and means for eliminating the height of water in said boiler as a factor in the operation of the heat generating element controlling means.

1,621,669. GARAGE DOOR AND OPERATING MECHANISM THEREFOR. CLARENCE G. JOHNSON, Detroit, Mich. Filed Dec. 8, 1923. Serial No. 679,345. 3 Claims. (Cl. 20—20.)



1. In a garage having a doorway, a slatted shiftable door for the doorway, tubular slotted housings, means carried by the slatted door engaging said housings and adapted to guide said door when shifted, and an expansible and retractible spring in each housing counterbalancing said door in all of its positions.

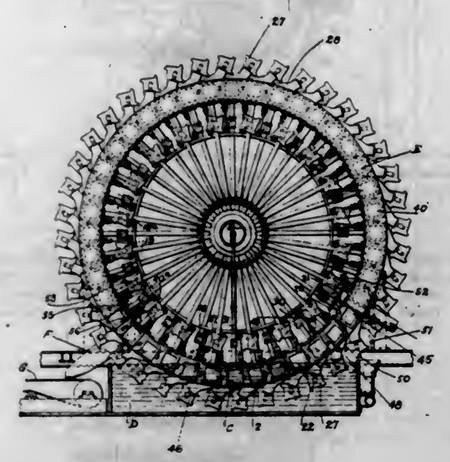
1,621,670. SOUND-BOX DIAPHRAGM FOR USE IN TELEPHONES, LOUD SPEAKERS, ACOUSTIC APPARATUS, AND THE LIKE. FRANZ JOKEL, Berlin, Germany, assignor to Carl Lindström Aktiengesellschaft, Berlin, Germany. Filed Oct. 1, 1924, Serial No. 741,021, and in Germany May 1, 1924. 5 Claims. (Cl. 181—31.)



1. In a sound box the combination of a base having an opening, a diaphragm on the base and covering the opening and provided with a peripheral flange, an elastic

pressure ring on the diaphragm and bearing against the flange thereof and means exerting pressure on said ring to cause it to expand radially and thereby exert corresponding pressure on the diaphragm and hold the same flat.

1,621,671. PULP-FORMING MACHINE. CHARLES J. KEENAN, Piedmont, EUGENE P. KENNEDY, San Francisco, and GEORGE H. KIRSCH, Larkspur, Calif., assignors to Alaska Pulp and Paper Company, a Corporation of California. Filed Feb. 9, 1926. Serial No. 86,972. 10 Claims. (Cl. 92—57.)



4. In a machine of the character described, a mold mounted for movement through a pulp tank and a drying chamber, means for applying a layer of pulp to the mold while passing through the tank by subjecting the mold to a suction action, said mold having a trap chamber formed therein for the collection of water admitted during the application of the pulp, a drain valve in communication with the trap chamber, means for discontinuing the suction action when the coating of pulp has been applied, means for automatically opening the drain valve when the suction ceases to permit the water in the trap to drain away from the mold, means for automatically closing the valve after the water has been drained off, means for automatically subjecting the mold to a suction action when it enters the drying chamber, and means for automatically ejecting the dried pulp when the mold leaves the drying chamber.

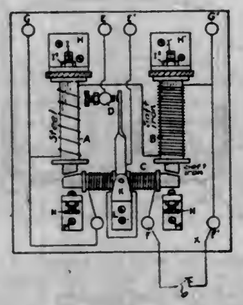
1,621,672. ROPE CUTTER. JOHN H. KOEHN, Atkins, Iowa. Filed Oct. 30, 1924. Serial No. 746,856. 1 Claim. (Cl. 30—14.)

A cutting device of the class described including in combination a supporting plate, a pair of guides disposed on the supporting plate in alinement with each other and in spaced relation to each other, a ledge block mounted on the supporting plate between the guides and provided with a slot registering with the guide, a pair of rods slidable through the guides and the slot of the ledge block, a saw blade mounted between the rods, a U-shaped member having the intermediate portion of its legs pivoted to the ends of the rods and its terminals in the form of eyes, a pair of springs attached to the eyes and to one of the guides for normally holding the rods in raised position with the blade out of the slot of the ledge block, a link attached to the U-shaped member, said supporting plate provided with a slot in its lower end, a pedal extending through the slot in the supporting plate and pivoted thereto, means for attaching the link to an intermediate portion of the pedal whereby the pedal may be swung downwardly to pull upon the rod and thus force the blade into the slot of the ledge block



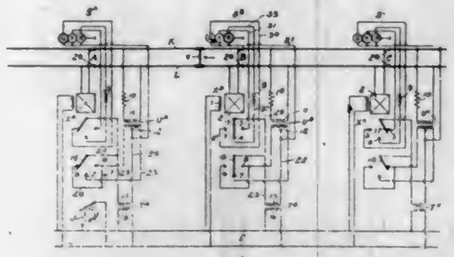
to sever a rope which may be mounted thereon, said springs being thus expanded so that they will return the rods and the blades to their initial positions when the pedal is released.

1,621,673. ELECTRICAL INTERRUPTER. ALAN LEIGHTON, Washington, D. C., assignor to the Government and the People of the United States of America. Filed Apr. 23, 1926. Serial No. 104,233. 1 Claim. (Cl. 200—93.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)



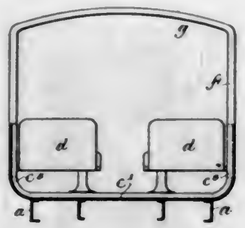
An electrical interrupter, comprising two stationary electromagnets, a movable electromagnet supported in position opposite the two stationary electromagnets, the two stationary electromagnets wired so as to present the same magnetic poles to the movable electromagnet, the movable electromagnet carrying a contact arm for the making and breaking of a controlled circuit, the wires of the controlling circuit being suitably shunted across the wires of the stationary electromagnets, the movable electromagnet having one pole that corresponds magnetically to the pole of one of the stationary electromagnets and having another pole that is opposite magnetically to the pole of the other stationary electromagnet, and the stationary electromagnet that has a pole corresponding to the pole of the movable electromagnet possessing greater strength than the other stationary electromagnet.

1,621,674. RAILWAY SIGNALING. SAMUEL M. LUCAS, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Sept. 29, 1922, Serial No. 591,252. Renewed Dec. 2, 1926. 3 Claims. (Cl. 246—34.)



3. In combination, a relay capable of energization in opposite directions, a normal contact closed when the relay is energized in one direction, a reverse contact closed when the relay is energized in the other direction, a third contact closed when the relay is deenergized and also closed momentarily when the direction of energization of the relay is reversed, a light signal comprising proceed, caution and stop lamps controlled respectively by the normal, reverse and third contacts of said relay, and a reactance included in circuit with said stop lamp for delaying the lighting of the lamp to full brilliancy, whereby the said lamp does not flash during reversal of said relay.

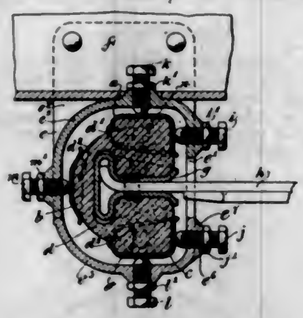
1,621,675. SECTIONAL VEHICLE BODY. ALFRED F. MASURY, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 8, 1923. Serial No. 673,419. 2 Claims. (Cl. 296—28.)



1. The combination with the chassis of a vehicle, of a body fabricated from a series of similar interchangeable standardized U-shaped members of unitary structure disposed transversely of the chassis and each having a horizontal portion and two vertically extending side portions, vertical posts at opposite sides of the body and spaced a distance apart equal to the width of a member, and means carried with the standardized sections to connect detachably adjacent sections by means of the post disposed therebetween whereby the posts serve as spacing members.

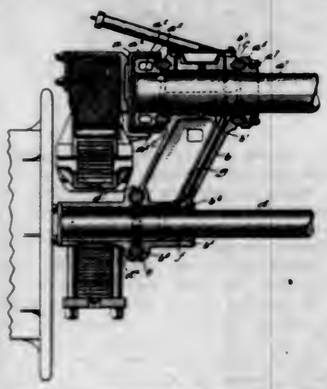
1,621,676. CUSHION CONNECTION FOR VEHICLE CONSTRUCTION. ALFRED F. MASURY, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 29, 1925. Serial No. 78,111. 2 Claims. (Cl. 267—30.)

1. In a cushion connection between parts to be connected wherein a housing is carried with one of the parts and has an open side through which the other part enters the housing, yielding non-metallic material disposed within the housing and engaging the entering part, and a



plurality of adjustable devices engaging the non-metallic material and means to adjust the position of the entire block with respect to the housing.

1,621,677. SPRING SUSPENSION. ALFRED F. MASURY, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed June 21, 1926. Serial No. 117,300. 8 Claims. (Cl. 267—52.)



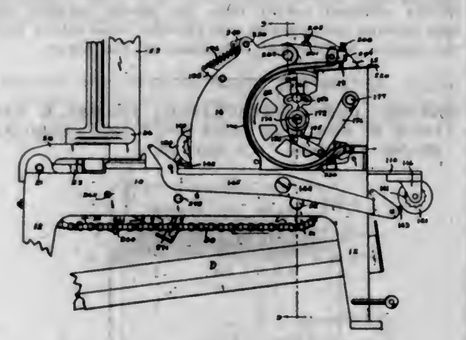
1. In a vehicle construction, a plurality of pivoting axles, means to support one from another, and means to cushion the side thrust of one upon the other through the supporting means.

1,621,678. PAPER-FEEDING MECHANISM. LAWRENCE H. MORSE, Cleveland, Ohio, assignor to The American Multigraph Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 22, 1924. Serial No. 757,352. 39 Claims. (Cl. 101—54.)

1. In an addressing machine, the combination of a conveyor for address plates, a rotary drum adapted to act as a paper conveyor and having an impression platen, an eccentric mounting for the drum, and means for automatically and periodically turning such eccentric mounting.

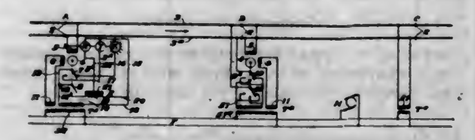
8. In an addressing machine, the combination of a rotary drum carrying a segmental platen, elastic rings around the drum, belts lying in engagement with said rings, and carried by rollers mounted independently of the drum, and means for moving one of said rollers to grip paper and feed it toward the drum.

20. The combination with a series of address plates having differently positioned index tabs thereon, a magazine for holding such address plates, means for progressing such address plates, means for feeding paper thereto, and mechanism whereby the tabs may control the paper feed.



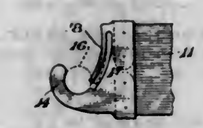
35. In an addressing machine, the combination of a magazine for address plates, a stock of address plates in such magazine some of which have tabs projecting from an edge of the plate, and a selecting device having a stationary series of movable members acting on the tabs on the endmost plate while it is in the magazine.

1,621,679. RAILWAY SIGNALING. FRANK H. NICHOLSON, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed May 13, 1922, Serial No. 560,568. Renewed Dec. 2, 1926. 19 Claims. (Cl. 246—34.)



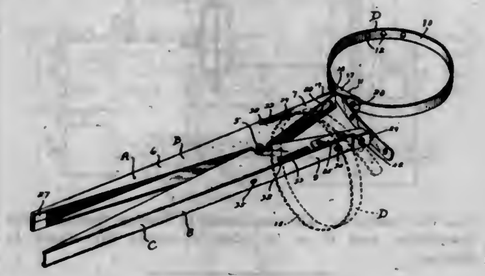
18. An electric circuit comprising an electric lamp, and means associated with said circuit and operating when the circuit is closed momentarily to prevent the flow of sufficient current to said lamp to light the lamp.

1,621,680. SLEEVE-HOLDER FASTENER. HARRY P. NISSEN, Oakland, Calif. Filed Mar. 13, 1926. Serial No. 94,439. 3 Claims. (Cl. 24—15.)



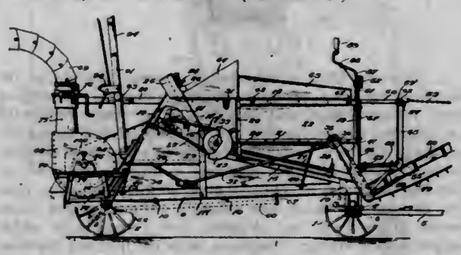
1. A fastener for sleeve holders comprising a body portion having means at one end for connecting it to an elastic strip, a hook projecting from the opposite end of the body portion and located at one side thereof, said hook having a semi-circular recess for receiving the shank of a cuff button, said hook being arranged at an angle to the longitudinal center line of the body portion, a spring finger integrally connected at one end to the side of the body portion opposite the hook and at the same end of the body portion as the hook, said spring finger extending transversely to a point short of the inner side of the recess of the hook and partly obstructing the same.

1,621,681. PISTON-RING-CONTRACTING TOOL. JESSE L. OLIVER, Beeville, Tex. Filed June 3, 1924. Serial No. 717,645. 4 Claims. (Cl. 29—86.4.)



1. In a piston ring contracting tool, the combination of a pair of pivotally connected members, each including a handle and a jaw, a flexible strip swivelly connected at one end to the forward end of one of said jaws and having its free end provided with a plurality of spaced apart apertures, a rotatable plate having flat marginal edges carried by the forward end of the companion jaw, a lug formed on one marginal edge of said plate for engaging in any of the apertures of said strip, and resilient means for engagement with the marginal edges of said plate whereby the lug will be held at various adjusted angles with respect to the pivotally connected members.

1,621,682. CORN-HUSKING MACHINE. THEODORE H. OPPENHEIM and BERNARD SELHORST, Coldwater, Ohio, assignors to New Idea Spreader Co., Coldwater, Ohio, a Corporation of Ohio. Filed Nov. 29, 1924. Serial No. 753,007. 6 Claims. (Cl. 130—5.)

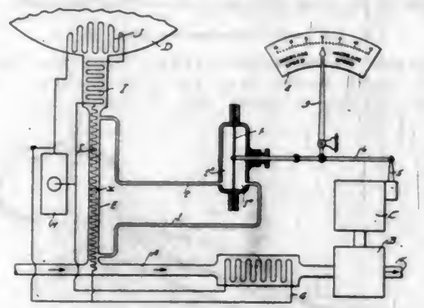


1. A corn-husking machine comprising a frame, husking rolls mounted in the frame, a feeding conveyor mounted in the top of the frame, a side board detachably mounted upon the side of the frame adjacent said feeding conveyor and constituting a receiving table, a back board detachably mounted at the opposite side of the frame and constituting a bundle stop, supporting arms secured to the front end of the frame and projecting forwardly therefrom and then upwardly at the side of the front end of the side board, and a platform resting upon the forwardly projecting portions of said arms.

1,621,683. PIPE-LINE SYSTEM. GEORGE D. POGUE, Mount Vernon, N. Y. Filed Feb. 23, 1923, Serial No. 620,792. 27 Claims. (Cl. 137—78.)

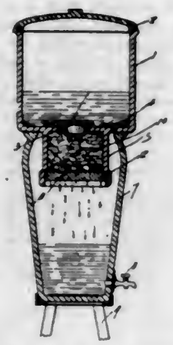
6. In a pipe line system, a main line, a pumping apparatus arranged in series with said main line, a storage

tank joined by a lateral connection with said main line at a point in proximity to the inlet end of said pumping apparatus, and means associated with said lateral connec-



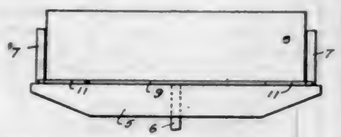
tion for indicating whether liquid is flowing through said connection and if so in what direction the liquid is flowing.

1,621,684. WATER FILTER. LLOYD E. RABJOHN, Burlingame, and RALPH W. HOLLENBERG, Alameda, Calif. Filed Aug. 24, 1925. Serial No. 51,914. 3 Claims. (Cl. 210—105.)



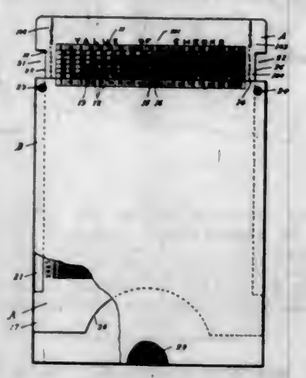
1. A water filter comprising a storage receptacle for water having an integral filtering chamber depending from its lower side and provided on its lower wall with an opening communicating the interior of the receptacle with the filtering chamber, a loose filtering medium contained in said filtering chamber, a filtering element removably mounted in said opening, a filtering stone closing the lower end of said chamber through which stone water filters from the chamber and a receptacle which supports said storage receptacle with the filtering chamber extending into the upper end thereof.

1,621,685. WAGON-BOX SUPPORT. BROER G. RADEMACHER, Burr, Nebr. Filed Jan. 8, 1923. Serial No. 611,353. 1 Claim. (Cl. 280—143.)



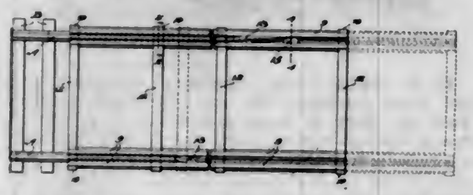
A wagon box support comprising a shim plate having its opposite side surfaces at all points lying in parallel planes and all portions of the plate being of the same transverse thickness, the plate being provided at its side edges and at its end with angularly disposed ears extending inwardly from the end edges of the plate, the ears having both openings located at equal distances beyond the opposite sides of the median longitudinal dimension of the plate and between the end edges thereof and the plate being provided at its end edges with outwardly disposed spaced lugs, the spaces between the lugs forming recesses and said recesses being alined with the median longitudinal dimension of the plate.

1,621,686. CHECK CALCULATOR. CHARLES T. RASCHICK, St. Paul, Minn. Filed Mar. 7, 1923. Serial No. 623,539. 1 Claim. (Cl. 235—89.)



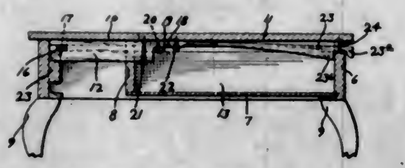
A calculator comprising an enveloping member, a card slidable within said enveloping member having a table thereon, said card being adapted to extend to the bottom of said enveloping member and a notch cut in said card near the central lowermost portion thereof.

1,621,687. TRACK EXTENSION. THOMAS SEIBERT RAY, Charleston, W. Va. Filed May 11, 1926. Serial No. 108,354. 12 Claims. (Cl. 238—10.)



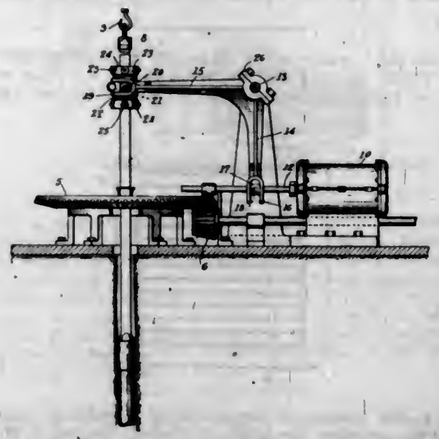
1. A movable rail-extension comprising on each side of the track a pair of rails held comparatively close together and arranged to have permanent rails lie therebetween.

1,621,688. COMBINATION TABLE AND WRITING DESK. FRIDOLIN SCHIMMEL, Faribault, Minn. Filed Oct. 20, 1924. Serial No. 744,642. 6 Claims. (Cl. 45—70.)



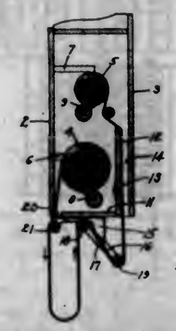
1. The combination with a table frame having a bar guide, of a table top including a slidable board, a guide bar secured to said slidable board and working in said guide and holding said board for true sliding movements, and a latch bar attached to the under side of said slidable board in alignment with said guide bar and constituting a supplemental guide and having interlocking engagement with said table frame to hold said slidable board in normal position.

1,621,689. OIL-WELL-DRILLING APPARATUS. WALDO SHELDON, Greenwich, Conn. Filed Oct. 4, 1922, Serial No. 592,265. Renewed Feb. 28, 1925. 14 Claims. (Cl. 25.5—22.)



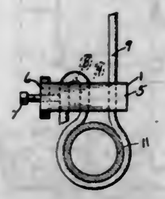
1. In oil well drilling apparatus, the combination with means for rotating the vertical drill stem, of means for effecting the feed and controlling the pressure on the rotating drill comprising a horizontally disposed pressure cylinder with a piston therein, said cylinder and piston being movably related and one of such elements being connected with the rotating drive stem and connecting means from such element for translating the horizontal thrust at the cylinder into a vertical thrust at the drive stem.

1,621,690. ATTACHMENT FOR TOWEL CABINETS. GEORGE A. STEINER, Salt Lake City, Utah, assignor to Steiner Sales Company, Salt Lake City, Utah, a Corporation of Utah. Filed Aug. 20, 1923. Serial No. 658,326. 5 Claims. (Cl. 45—32.)



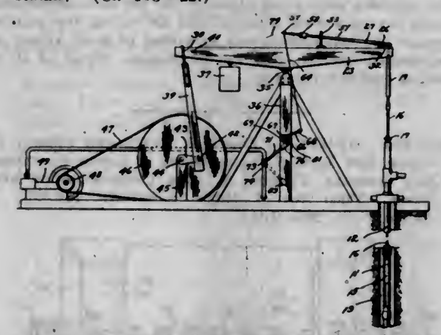
1. A towel cabinet comprising a casing, clean and soiled towel rolls mounted therein, and a driving means for said rolls, a loop of the clean towel depending through the bottom of said casing within convenient reach of the user, a bracket secured to the lower portion of said casing, a frame centrally pivoted in said bracket to oscillate therein, a comparatively light roll provided at one end of said frame, a comparatively heavy roll mounted in the other end of said frame, said rolls engaging the towel web, and said heavy roll normally tending to swing downward to a depressed position, and exert an upward or lifting movement on the towel on one side of the pivot of said frame and a downward pull upon the towel on the other side of the pivot of said frame.

1,621,691. CLAMP. WILLIAM G. STRUTHERS, Oakland, Calif., assignor to Struthers Manufacturing Co., Oakland, Calif., a Corporation of California. Filed June 21, 1926. Serial No. 117,581. 4 Claims. (Cl. 24—115.)



1. A clamp for fastening a flexible element upon an object comprising two adjacent rings having a common wall, the first ring allowing the flexible element to be doubled therethrough so as to form a loop on one side thereof and the second ring allowing the free end of the flexible element to be guided thereinto and having means associated therewith for holding the said end against slipping, the common wall of the two rings having teeth extending from the face on which the flexible element turns to aid in preventing slipping.

1,621,692. SHUT-DOWN DEVICE FOR OIL-WELL-PUMPING EQUIPMENT. JOHN SUTTON, El Monte, Calif. Filed Nov. 23, 1925. Serial No. 70,952. 9 Claims. (Cl. 103—22.)

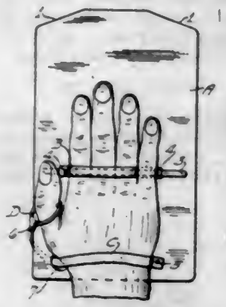


1. In combination; a pump plunger; a walking beam; means for operating said walking beam, said means having a constant driving connection with said walking beam; a string of sucker rods extending from said plunger to said walking beam by means of which said plunger is operated; and means for rendering said means for operating said walking beam inoperative when said plunger is disconnected from said walking beam.

1,621,693. SWIMMER'S HAND PADDLE. CHARLES H. THEOBOLD, St. Louis, Mo. Filed Sept. 7, 1926. Serial No. 133,887. 1 Claim. (Cl. 9—21.)

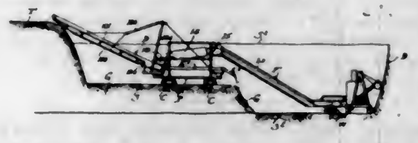
A swimmer's paddle comprising a board or plate containing a hole near one corner and two straps for securing the paddle to the hand of the swimmer, one strap being attached to the paddle at both ends so as to provide a hold for the fingers between the plate and the strap and

the other strap being secured to the paddle near one corner and the strap brought through the hole in the paddle near the opposite corner and the end of the strap provided with a ring, that will fit over the thumb of the



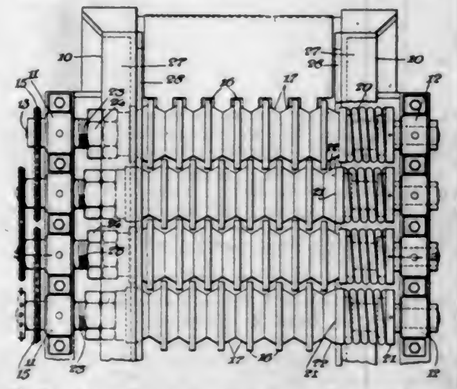
swimmer, and said strap being placed so that the wrist of the swimmer may be placed under the strap between the hole in the paddle and the end where the strap is secured to the paddle, substantially as described.

1,621,694. PLACER-DEPOSIT WASHER AND METHOD OF WASHING. HARMON N. TRACY, Los Angeles, Calif. Filed Jan. 22, 1923. Serial No. 614,138. 9 Claims. (Cl. 262—2.)



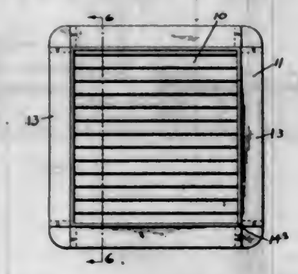
1. The herein described method of treating a placer deposit or the like with a portable ore treating mechanism, that includes excavating ahead of the portable mechanism sizing the excavated material and delivering the smaller sizes to the mechanism, and spreading at least a part of the spent material from the mechanism ahead of it to form a road-bed therefor.

1,621,695. GRIZZLY. FRANK J. TUITE and GORDON F. DODGE, New York, N. Y., assignors to Robins Conveying Belt Company, Passaic, N. J., a Corporation of New Jersey. Filed Nov. 6, 1926. Serial No. 146,595. 4 Claims. (Cl. 209—104.)



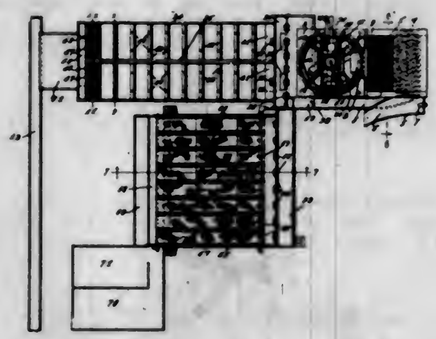
1. In a grizzly, the combination with a supporting frame, a plurality of spaced-apart parallel shafts, and means for actuating said shafts, of a series of material feeding and separating elements mounted on each of said shafts so as to be rotatable with, and also adjustable longitudinally of the shaft, said elements comprising spaced-apart disks and converging tapering members between adjacent disks, the series of disks of adjacent shafts being in staggered relation and extending into the spaces between the disks of the respective shafts, whereby the opposing faces of the co-operating disks on adjacent shafts and the inclined surfaces of the associated complemental tapering members on said shafts define the effective area of the screening openings, and means for effecting relative adjustment between the two co-operating series of disks and tapering members on adjacent shafts.

1,621,696. METHOD OF MAKING RADIATOR SHUTTERS. SERGIUS VERNET, Brooklyn, N. Y. Filed Oct. 10, 1925. Serial No. 61,646. 5 Claims. (Cl. 29—148.)



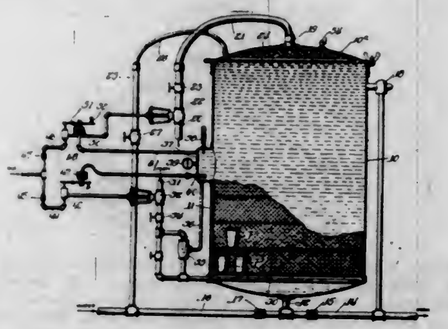
1. The method of manufacturing a radiator shutter which comprises the steps of laterally bending a strip of shutter-making material into an L-shaped section and transversely cutting in one leg of said section, a plurality of spaced slots, transversely bending the other leg of said L-shaped section adjacent said slots, joining the extreme ends of said second mentioned leg to form a rectangular frame, securing integral vane bearing members to the inner sides of two oppositely disposed sections of said second mentioned leg and pivotally mounting a plurality of vanes therebetween.

1,621,697. METHOD OF EXTRACTING GOLD. JOSEPH LOWREY WARNER, Mayer, Ariz. Filed Dec. 19, 1923. Serial No. 681,551. 4 Claims. (Cl. 209—12.)



1. The herein described method of separating gold from clay-sand material which consists in effecting a dry separation of the undersized material from the oversized material, crushing and stirring the undersized material in water to release the sand from the clay, washing the oversized material and combining the washings with the treated undersized material and precipitating the sand from the clay particles.

1,621,698. PRESSURE PROCESSING. GEORGE P. WHITE, Chicago, Ill., assignor to White Cap Company, Chicago, Ill., a Corporation of Delaware. Filed Aug. 27, 1925. Serial No. 52,950. 11 Claims. (Cl. 99—8.)

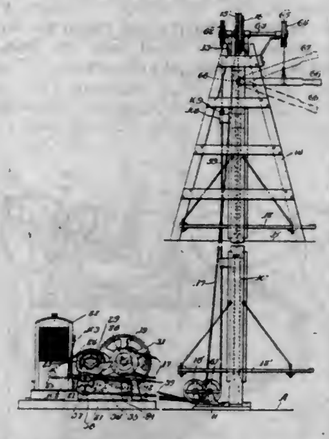


7. A method of pressure processing which comprises submerging sealed packages in a body of liquid, heating the liquid, constraining expansion of the liquid incident to its heating to apply a pressure to the packages, and adding cooling liquid to the heated body of liquid to cool it and the packages while it is under constraint, said cooling liquid being added at a rate to maintain pressure on the packages incident to the contraction of the body of liquid in cooling.

1,621,699. FLUSH-TANK VALVE. GEORGE T. WILHELM, South Amboy, N. J. Filed June 10, 1926. Serial No. 114,878. 2 Claims. (Cl. 137—104.)

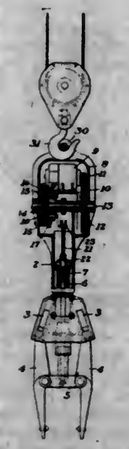
1. A flush tank valve mechanism comprising a pipe coupling to be fitted in an opening in the bottom of a flush tank and having an opening arranged at an angle to the axis of the coupling, a valve casing having an inlet opening inclined correspondingly to said opening in said coupling and an outlet opening, a valve in said casing for controlling communication between said inlet opening and said outlet opening, and a pipe having its ends connected to said opening in said coupling and said inlet opening of the valve casing, respectively, whereby the inlet of said valve casing is offset from said coupling to facilitate mounting said mechanism in a tank and adapting said pipe to be easily and quickly replaced.

1,621,700. HOISTING MACHINE. ALEXANDER H. WILSON, Oak Park, Ill., assignor to Thomas Elevator Company, Chicago, Ill., a Corporation of Illinois. Filed July 20, 1925. Serial No. 44,672. 5 Claims. (Cl. 187—2.)



3. In a building material hoist of the character described, the combination with a pair of vertical guideways, and cages slidable in said guide-ways, of a drum, cable-supporting and guiding pulleys, a hoisting cable wound on said drum, engaged with said pulleys, and at its ends connected to said cages, a motor, power transmitting mechanism, including a clutch, for rotating said drum in either direction from said motor, clutch shifting means, mechanism actuated by said clutch shifting means for opening the throttle of said motor when said clutch is shifted to working position and for closing said throttle when said clutch is shifted to idle position, and manually operable means for shifting said clutch at any point in the ascent of said cages.

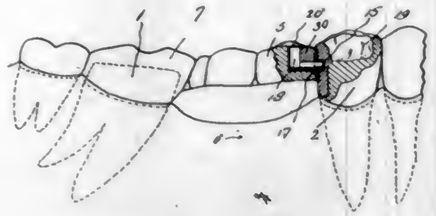
1,621,701. TONGS. GEORGE W. YANNEY and WALTER D. KELLER, Alliance, Ohio, assignors to The Alliance Machine Company, Alliance, Ohio, a Corporation of Ohio. Filed Aug. 11, 1922. Serial No. 581,266. 14 Claims. (Cl. 214—115.)



13. The combination with a crane hook of a main frame supported thereby, a second frame slidably mounted on the first frame, tongs connected to both frames

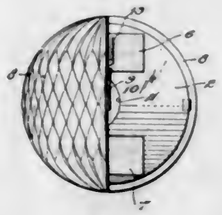
and arranged to close when the main frame is moved away from the second frame, and a motor on the main frame for moving the second frame toward the main frame to operate the tongs, substantially as described.

1,621,702. BRIDGE-RETAINING DEVICE. GEORGE A. YANTIS, Elma, Wash. Filed June 16, 1926. Serial No. 116,416. 5 Claims. (Cl. 32—12.)



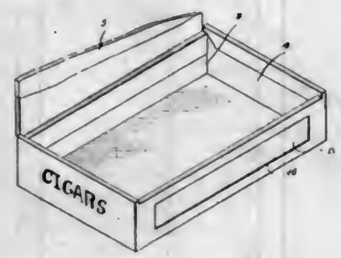
1. As a new article of manufacture, means for effecting a connection between a bridge tooth and an adjacent complemental abutment tooth, said means comprising a keeper adapted to be carried by one of said teeth, a connecting pin adapted to have one end seated in said keeper, a complemental part adapted to be carried by the remaining tooth, said part including a socket for slidable reception of said pin, socket being of a length to allow the pin to be slid entirely within the socket in order to disconnect the pin from the keeper, and retaining means slidably mounted in said complemental part and separate and independent from said pin and adapted to abut one end of the latter.

1,621,703. FOLDING ORNAMENT. SOREN S. ADAMS, Asbury Park, N. J. Filed June 4, 1925. Serial No. 34,872. 3 Claims. (Cl. 41—11.)



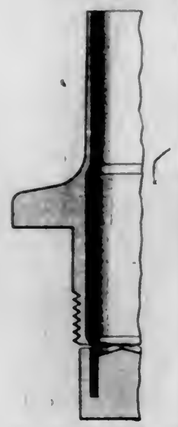
1. A folding ornament, comprising a pair of body members, having straight inner edge portions disposed in adjoining edge to edge alignment, an expansible element interconnected between opposed faces of said body members, hinge means pivotally connecting said body members together at their adjoining straight edges, spring means cooperating with the adjoining marginal portions of said body members, said spring means by its tension operating to turn said body members on said hinge means to expand said expansible element, and said spring means being entirely concealed when said body members are so turned thereby.

1,621,704. CIGAR BOX. ALLAN A. ADAMSON, Rochester, N. Y., assignor to George H. Harris, Rochester, N. Y. Filed Jan. 31, 1925. Serial No. 5,921. 3 Claims. (Cl. 229—6.)



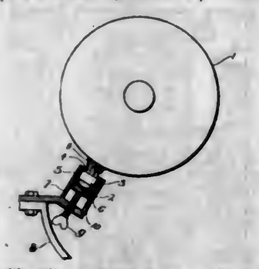
3. In combination with a cigar box having a hinged cover, an edging blank having portions edging the lower horizontal corners of the front and end walls and the upper edges of the front and end walls, and a separate blank edging the rear wall, the lower horizontal corner of the bottom wall and the rear outer face of the cover.

1,621,705. MANUFACTURE OF BOLSTER CASES. WILLIAM O. ALDRICH, Whitinsville, Mass., assignor to Whitin Machine Works, Whitinsville, Mass., a Corporation of Massachusetts. Filed Jan. 20, 1923. Serial No. 613,839. 2 Claims. (Cl. 20—148.)



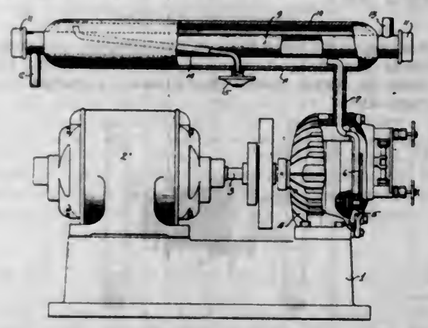
1. In the art of manufacturing textile machinery, the improvement which consists in casting bolster cases out of the same iron metal from which the frame members of said machinery and other heavier parts are cast, boring and threading the so-cast cases, and then by electro-deposition impregnating the surface pores of the cases with a permanent metallic frosting and thereby stopping leakage through the pores of the cast iron.

1,621,706. CLEANING MEANS FOR DRUM DRIERS. JOHN E. ALEXANDER, Port Edwards, and CASPER EDWARD YOUNGCHILD, Nekoosa, Wis.; said Youngchild assignor to said Alexander. Filed Aug. 24, 1925. Serial No. 51,898. 3 Claims. (Cl. 34—4.)



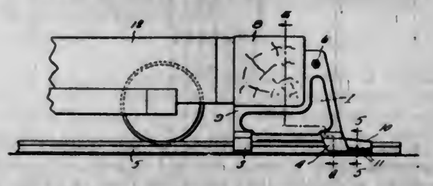
2. The combination with a drying cylinder of a paper machine, of a brush mechanism therefor comprising a slotted tube, a brush rigidly held therein, the bristles of said brush extending through said slot, and means for supporting said tube for holding said bristles in contact with the surface of said cylinder.

1,621,707. WATER-COOLED OIL SEPARATOR. ROBERT L. ALEXANDER and HAROLD W. WISHART, Clinton, Iowa, assignors to Climax Engineering Co., Clinton, Iowa, a Corporation of Delaware. Filed May 29, 1926. Serial No. 112,448. 4 Claims. (Cl. 527—24.)



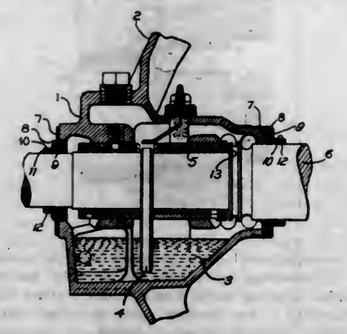
1. A water cooled oil separator comprising an outer casing, a water tube projecting therethrough and having the ends of said casing welded thereto, a water supply pipe connected to one end of said water tube, a water outlet pipe connected to the other end of said water tube, an oil return pipe connected in the bottom of said casing, a gas supply pipe projecting through said oil return pipe and into said casing, and a gas outlet pipe positioned in said casing with the upper end of said gas outlet pipe adjacent the upper surface of said casing and the other end of said gas outlet pipe projecting from said casing.

1,621,708. CAR BUMPER. RUPERT BREYLEY, Painesville, Ohio. Filed Apr. 1, 1925. Serial No. 19,795. 3 Claims. (Cl. 104—254.)



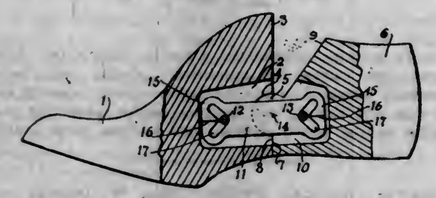
1. A car bumper comprised of chair-shaped housings loosely applied to the opposed rails of a track, each of said housings consisting of an integral member, means tying together and spacing apart the upper ends of the opposed housings, abutments secured to said rails for engagement by the housings, and a timber loosely resting upon the seat portions of said chair-shaped housings in a position to engage the back portions thereof.

1,621,709. CAP FOR BEARINGS. JOHN L. BROWN, Verona, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 27, 1926. Serial No. 111,921. 1 Claim. (Cl. 286—5.)



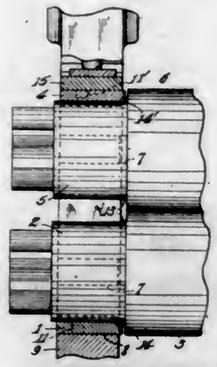
The combination with a rotating machine having a shaft subject to a certain amount of end play or longitudinal movement back and forth, of a bearing member for said shaft, comprising a bearing housing, and an attachment for the end of said housing comprising a cap, and a washer-like absorbent wiper carried by said cap and wiping on said shaft, the portion of said shaft engaged by said wiper as the shaft moves back and forth longitudinally in accordance with said end play being smooth, said cap having a cylindrical extension in spaced relation to said wiped portion of the shaft and terminating in an inwardly projecting flange having an opening only slightly larger than said shaft, the length of said extension beyond said wiper being at least as great as said end play.

1,621,710. LAST. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Original application filed May 28, 1925, Serial No. 33,352, which has matured into Patent No. 1,586,409. Divided and an application filed Jan. 18, 1926, Serial No. 81,959, which matured into Patent No. 1,592,422. Said last application divided and this application filed June 9, 1926. Serial No. 114,810. 2 Claims. (Cl. 12—136.)



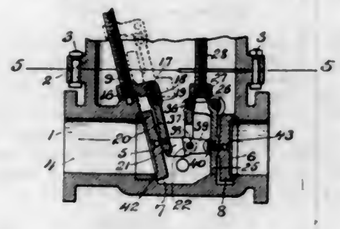
1. In a last, a heel part and a toe part adapted to rock about one another about a given point, a plate link of substantially rectangular form, anchor pins for the ends of said link, the ends of said link being arranged to yield and flex when the parts are removed from one position to the other, said flexing being permitted by V-shaped slots in the ends of said link and slits in said link associated with said slots to permit portions of the link to spread.

1,621,711. ROLLING-MILL BEARING. GEORGE COOKE, Martins Ferry, Ohio. Filed Nov. 12, 1926. Serial No. 148,063. 4 Claims. (Cl. 308—59.)



1. A bearing for rolls, comprising, in combination with a roll housing having therein recesses forming side and bottom bearing seats, and a rider having therein a recess forming a top bearing seat, said top and bottom seats having laterally disposed pockets in communication therewith, of top and bottom bearing brasses received within the top bearing seat of the rider and the bottom bearing seat of the housing, respectively, said brasses having lugs received in said pockets, whereby shifting of the brasses is prevented, and having their inner ends spaced away from the fillets of the rolls, and flat-faced side liners mounted in the side seats of the housings, each of said liners having a member forming a stop for limiting the extent of lengthwise shifting movement of the adjacent roll.

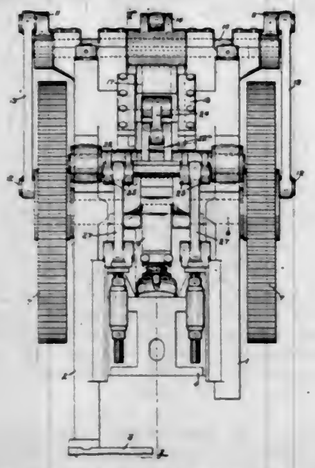
1,621,712. VALVE MECHANISM. WILLIAM A. DAWSON, Kansas City, Mo. Filed July 28, 1925. Serial No. 46,521. 6 Claims. (Cl. 277—33.)



1. In a valve mechanism, a casing having two valve ports, two valves for respectively closing said ports, manually operated means for independently opening and closing said valves, and wedging means connecting said valves in the closed position and holding them seated.

1,621,713. TOGGLE PRESS. NEAL W. DORMAN and MEREDITH R. HATCH, Toledo, Ohio, assignors to the Toledo Machine and Tool Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 24, 1925. Serial No. 64,567. 14 Claims. (Cl. 113—38.)

1. A press comprising a crank shaft, a blankholder, and means for operating said blank-holder, said means comprising rocking parts at each side of the press turning on axes parallel to the crank shaft, toggles between said rocking parts and said blank-holder, an oscillatory rocking part above and approximately coextensive with said crank shaft, connections between said first rocking parts and said oscillatory rocking part for transmitting



movements from latter to the former, and an operative connection between said crank shaft and oscillatory rocking part.

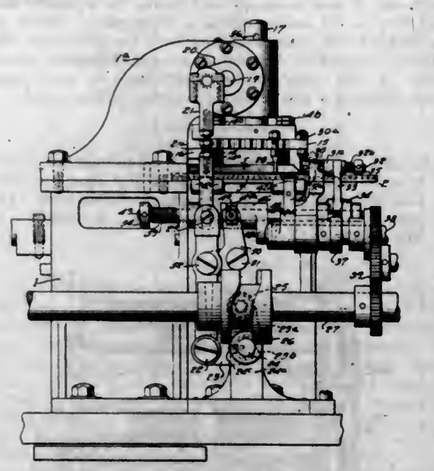
1,621,714. BULL-WHEEL ATTACHMENT. JOSEPH G. DYER and JOHN C. THOMAS, Parkerton, Wyo. Filed Feb. 12, 1926. Serial No. 87,844. 5 Claims. (Cl. 242—117.)

1. A bull wheel attachment comprising an auxiliary drum having a longitudinal cylindrical opening to receive the drum of said bull wheel, said auxiliary drum being divided longitudinally into two sections, hinges connecting the sections at one side, detachable clamping devices at the other side, and means whereby said attachment may be elevated in open position.

1,621,715. SPADING TOOL. PAUL ECKLEY, Walnut Creek, Calif. Filed May 6, 1925. Serial No. 28,340. 3 Claims. (Cl. 294—49.)

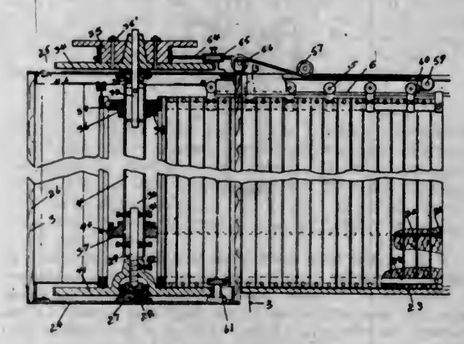
1. An implement comprising a body portion having upturned edges, a shank attached to said body portion, a series of tubular tines projecting from said body portion, and a reinforcing rod secured to the interior of each tine and engaging said body portion.

1,621,716. SELECTIVE CARD-HANDLING APPARATUS. ERWIN A. GEIGER, Ridgewood, N. J., assignor to Rapid Addressing Machine Company, a Corporation of New York. Filed Dec. 3, 1925. Serial No. 73,074. 22 Claims. (Cl. 209—110.)



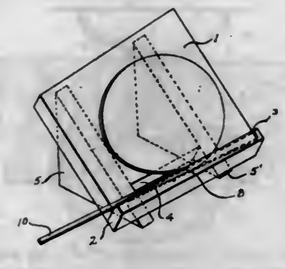
1. In a device for automatically picking out predetermined cards from a series of cards fed to it, comprising a selective device, the operation of which is determined by the presence or absence of certain classification features on said cards, and a set of guideways for said cards leading to and through said selective device, the combination, with the above described apparatus, of a movable bottom section in said guideways located immediately below said selective device and long enough to permit by its temporary displacement the removal of a card from said guideways, and means for moving said section controlled by said selective device.

1,621,717. COILING DOOR. WILLIAM C. GRANT, EDWARD J. THOMAS, and GEORGE W. DREW, Oakland, Calif., assignors to Acme Partition Company, Oakland, Calif., a Corporation of California. Filed Aug. 29, 1925. Serial No. 53,305. 8 Claims. (Cl. 20—20.)



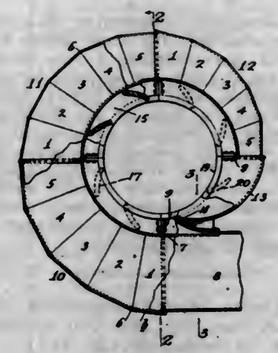
1. In a coiling closure comprising a series of vertical slats, means to suspend the slats from their upper ends, a housing having a rotary turn table adjacent its base, a vertical shaft mounted on said turn table, a core mounted on the shaft, discs mounted on the core, a second shaft extending above the core, a rope drum mounted on the second shaft and a rope extending from the drum to a point adjacent the extreme outer position on the coiling closure.

1,621,718. THONG CUTTER. LESTER E. GRISWOLD, Columbus, Ohio. Filed Apr. 27, 1923, Serial No. 634,994. Renewed Sept. 10, 1926. 3 Claims. (Cl. 164—37.)



1. In a thong cutting device, the combination of an upright carrier slightly inclined to permit a leather disk to rest easily and freely rotate thereagainst, a slotted guide block outstanding along the lower portion of the carrier board with its slot opening upwardly adjacent to the board to receive the lower edge of a leather disk, and a cutting blade, the upper surface of the said guide block forming a flat rest for the blade whereby the latter may be held transversely of and across the slot and define with the latter the width of the cut thong.

1,621,719. SPIRAL CASING FOR HYDRAULIC TURBINES AND THE LIKE. MAX HAEBERLEIN, Maplewood, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed July 9, 1925. Serial No. 42,349. 4 Claims. (Cl. 253—120.)

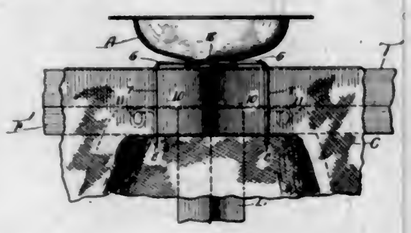


1. The combination with a spiral casing for hydraulic turbines and the like formed of a plurality of tubular plate metal members having their adjacent ends abutted and welded together, of a vane ring to which said tubular member is secured, and a cast section including a nozzle at the end of the spiral, said cast section including a section of the vane ring and having flanges arranged to cooperate with an inlet pipe for securing the latter to said casing.

1,621,720. TABLE-COVER HOLDER. GEORGE H. HARPER, Chicago, Ill. Filed Sept. 15, 1926. Serial No. 135,685. 2 Claims. (Cl. 65—54.)

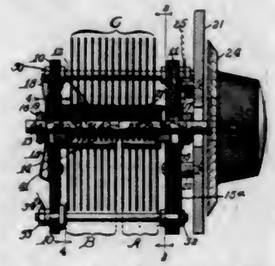
1. A table cover fastener, comprising a spring wire clamp bent to provide a central loop adapted to press upon the cover on the table top, limbs extending at an obtuse angle to each other from said loop, substantially parallel depending limbs extending at a right angle from

said divergent limbs adapted to hold the cover against the edge of the table top on opposite sides of a corner of the latter, and upwardly inclined limbs beyond said de-



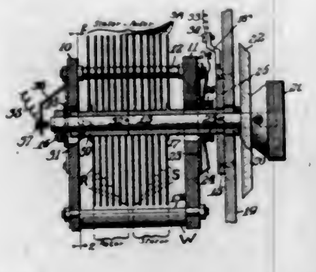
pending limbs adapted to straddle a table leg and at their inner ends press the cover against the under surface of said table top.

1,621,721. VARIABLE CONDENSER. GEORGE W. HAYDEN, Oak Park, Ill. Filed Apr. 16, 1926. Serial No. 102,381. 29 Claims. (Cl. 175—41.5.)



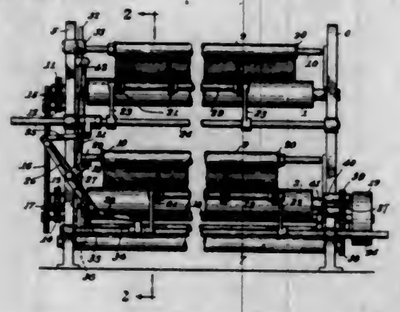
1. In an electrostatic condenser of the character described, the combination of a stator having plates side by side and in spaced relation, a rotor having plates side by side, spaced apart, and mounted for overlapping and spaced relation with stator plates, hand-operable means for moving the rotor in one direction and for freeing the rotor for automatic movement in the opposite direction when the hand-operable means are moved in such opposite direction, automatically-operating means for moving the rotor in such opposite direction, and means for holding the hand-operable means yieldingly in a given relative position to hold the rotor against movement by the automatically-operating means.

1,621,722. ELECTROSTATIC CONDENSER. GEORGE W. HAYDEN, Oak Park, Ill. Filed July 6, 1926. Serial No. 120,535. 14 Claims. (Cl. 175—41.5.)



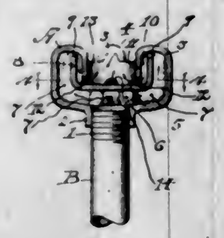
1. In an electrostatic condenser of the character described, the combination of a stator, a rotor member, and a stator-rotor member, each of said members and said stator comprising a plurality of plates side by side and spaced apart, the rotor member and the stator-rotor member being mounted on a common axis for rotative movement and for intermeshing relation with each other, the stator being mounted to have intermeshing relation with one of said members, and means for rotatably moving first one of said members to bring plates thereof into overlapped and spaced relation with plates of the other thereof and then for simultaneously rotatably moving both of said members to bring plates of one thereof into overlapped and spaced relation to stator plates.

1,621,723. WINDING MACHINE. JOHN ALLEN HEANY, New Haven, Conn., assignor to World Bestos Corporation, Paterson, N. J., a Corporation of Delaware. Filed Apr. 17, 1925. Serial No. 23,760. 6 Claims. (Cl. 242—35.5.)



1. In a machine of the class described, the combination with a plurality of winding devices, each comprising a pair of rollers adapted to carry the devices on which the material is to be wound, gears on the shafts of said rollers to rotate the same, a driving gear meshing with the gears of each pair of rollers, and means connecting said driving gears to cause them to rotate in unison.

1,621,724. BUBBLER HEAD FOR FOUNTAINS. JOSEPH P. HEENEY and JOHN G. MITCHELL, Chicago, Ill. Filed Mar. 4, 1926. Serial No. 92,131. 5 Claims. (Cl. 299—15.)

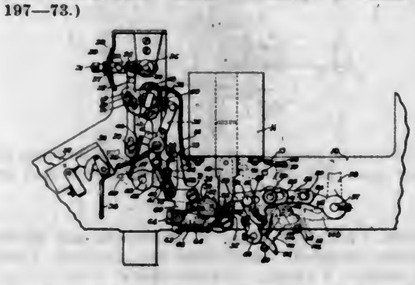


1. A bubbler head comprising in a unitary structure an interior receiving chamber, an open end bubbler chamber, a plurality of conduits leading from the receiving chamber and discharging into and near the bottom of the bubbler chamber and below the level of the highest part of the conduit, each conduit having a tortuous path.

1,621,725. FILTERING MATERIAL AND METHOD OF PREPARATION THEREOF. HENRY A. HILLS, Grand Rapids, Mich. Filed July 3, 1920. Serial No. 393,957. 3 Claims. (Cl. 210—263.)

1. A water proof filtering material comprising a flannel cloth impregnated with oil of citronella.

1,621,726. CASE-SHIFT MECHANISM FOR TYPEWRITERS. OTTO A. HOKANSON and JAMES F. KOCA, Woodstock, Ill., assignors to Woodstock Typewriter Company, Woodstock, Ill., a Corporation of Illinois. Filed Oct. 5, 1925. Serial No. 60,395. 9 Claims. (Cl. 197—73.)



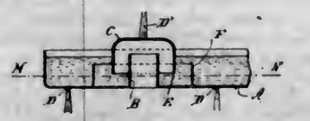
1. The combination with a typewriter having case shift mechanism, of a solenoid for actuating said case shift mechanism, a shift key for controlling said solenoid, means for automatically de-energizing said solenoid at the close of an operation thereof, a detent movable into position to retain said case shift mechanism in shifted position, a spring for moving said detent into operative relation with said case shift mechanism, and means connected with said shift key for holding said detent out of operative position when said shift key is released but permitting operation of said detent when said shift key is depressed.

1,621,727. FRAME FOR FLEXIBLE SHEET MATERIAL. EARL R. JOHNSON, Chicago, Ill. Filed Aug. 27, 1926. Serial No. 131,830. 3 Claims. (Cl. 40—156.)



3. A combined mirror and sheet-holder of the character described comprising a mirror, a frame encompassing the marginal edges of the mirror, and means for retaining a sheet of thin and flexible material carried by said mirror frame and comprising narrow flange-like parts normally overlying edge portions of the sheet, said flange like parts having opposed gaps therein to provide entrance for such sheet beneath the flange-like parts.

1,621,728. TRAY FOR GAS AND LIQUID CONTACT APPARATUS. EUGENE JORDAN, Franconville, France, assignor to Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude), Paris, France. Filed Apr. 21, 1922, Serial No. 555,875, and in France Apr. 21, 1921. 3 Claims. (Cl. 261—113.)



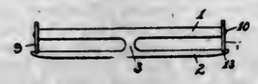
3. A substantially horizontal plate for causing contact between liquids and gases having capillary openings to discharge the liquid from the plate, means for the passage of the gas through the liquid and walls projecting upwardly from the plate and arranged around the passages for the gas.

1,621,729. COMBINATION SWITCH. WILLIAM KAISLING, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 15, 1922. Serial No. 607,045. 13 Claims. (Cl. 200—44.)



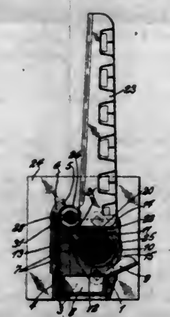
1. In a switch of the character described including a back mounting plate, a pair of supporting studs secured to said mounting plate, a pair of rotor elements rotatably supported by said pair of studs, said pair of rotor elements provided with transverse slots in their one end, a front mounting plate, a pair of rotatable members rotatably secured in said front plate, said pair of rotatable members having a rectangular portion for engaging the transverse slots in said rotor elements so that when said rotatable members are operated the said rotor elements are caused to rotate, and a locking plate pivotally supported on said back mounting plate for locking said rotor elements and rotatable members against rotation.

1,621,730. SOFT-COLLAR CLASP. MICHAEL KASPER, Cleveland, Ohio. Filed May 19, 1926. Serial No. 110,093. 3 Claims. (Cl. 24—81.)



1. A collar clasp comprising a rear bar and a front bar, the front bar being supported by the rear bar, gripping members eccentrically pivoted to the rear bar for cooperation with the front bar, and means for limiting the gripping members rotating beyond the point of maximum gripping effect.

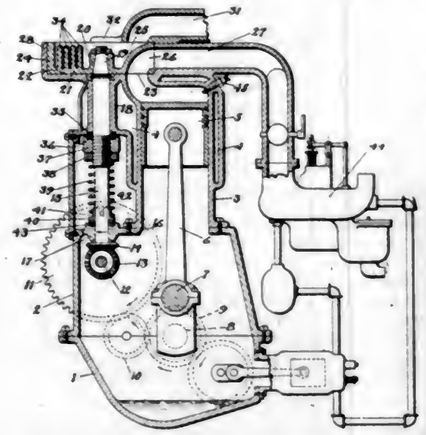
1,621,731. OIL BURNER. CHARLES M. LOEFFE, St. Louis, Mo., assignor to Cottonwood Fiber Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 2, 1925. Serial No. 12,597. 6 Claims. (Cl. 158—65.)



1. In a heater the combination with a gas chamber provided with an inclined back wall and parallel series of perforated discs in its upper side, of a vaporizing tube supported above said inclined wall and over one of said series of perforated discs, a pan for containing

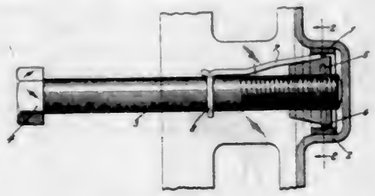
a liquid located beneath the gas chamber and said inclined wall thereof, and a wall located at one side of said pan and arranged to cooperate with said inclined wall to deflect the flame from the pan against the vaporizing tube.

1,621,732. ROTARY-VALVE MECHANISM FOR ENGINES. RALPH M. LOVEJOY, Meredith N. H. Continuation of application filed Nov. 14, 1916, Serial No. 131,335, now Patent No. 1,460,722. This application filed Oct. 28, 1921. Serial No. 510,995. 8 Claims. (Cl. 123—190.)



1. An internal combustion engine comprising a cylinder having a single port and an intake conduit arranged to deliver an explosive mixture to said port, an exposed, air-cooled, rotary disk valve having a flat base normally covering said cylinder port and provided with a cylindrical peripheral flange, a conduit leading through said base and flange presenting a port adapted to establish communication between said cylinder port and said intake conduit.

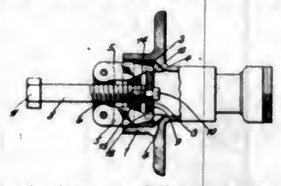
1,621,733. BEARING AND BUSHING REMOVER. CLAUDE M. MCCORD, Richmond Heights, Mo. Filed Sept. 19, 1925. Serial No. 57,281. 5 Claims. (Cl. 29—88.2.)



1. A device of the character described comprising a tapered body, a bolt arranged to screw through and project beyond the end of said body, and an expansible ring having sliding connection with said body and arranged to be expanded by said body when slid toward the larger end of the body.

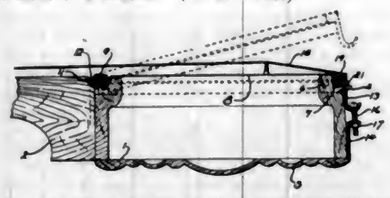
1,621,734. BEARING RACE AND BUSHING REMOVER. CLAUDE M. MCCORD, Richmond Heights, Mo. Filed Nov. 7, 1925. Serial No. 67,570. 5 Claims. (Cl. 29—88.2.)

1. A device for removing a bearing ring element from a support, comprising an abutment arranged to bear against the support, a rotative threaded bolt bearing against said abutment, a pair of arms arranged to engage the ring element to be removed from said support, and a tapered body screwed on the bolt and operative thereby to spread said arms apart into engagement with



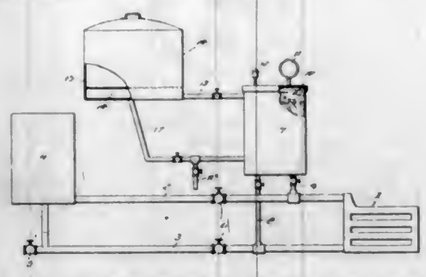
said removable element and then to move said arms and thereby said ring element longitudinally from said support.

1,621,735. BANJO. HARRY E. MENZEMER and MANUEL CAMBRE, Oakland, Calif. Filed Feb. 13, 1926. Serial No. 88,019. 8 Claims. (Cl. 84—269.)



1. In a banjo, a banjo head, a neck extending therefrom, a membrane for the head, a flesh hoop secured thereto and telescoped over the upper end of the head for holding the membrane in place and a hinged element adapted to bear on the hoop for placing the membrane under tension.

1,621,736. DOMESTIC STEAM-GENERATING APPARATUS. FRANK L. MIDDLETON, Darien, Ga. Filed Mar. 4, 1926. Serial No. 92,207. 1 Claim. (Cl. 126—20.)

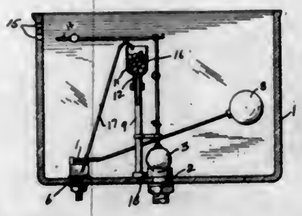


A domestic fluid circulating system of the class described comprising a generating unit adapted to be disposed in a fire bed, supply and circulating pipes connected with said unit, a supply tank connected with said pipes and having its bottom disposed on a plane slightly above a predetermined portion of said unit, a steam accumulator disposed adjacent to and above said unit, valved pipes connecting said accumulator with said first named pipes, valves in said first named pipes, a boiler having its bottom arranged on a plane substantially even with the top of said steam accumulator, a false bottom in said boiler dividing the same into upper and lower compartments, and valved pipes connected with said accumulator and with said boiler and communicating with said lower compartment.

1,621,737. TOILET FLUSHING MEANS. JOHN MOORE, Berkeley, Calif. Filed Nov. 9, 1925. Serial No. 67,732. 2 Claims. (Cl. 4—227.)

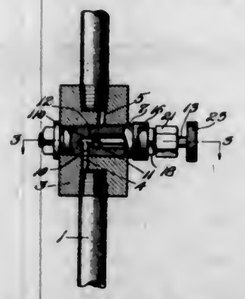
1. A device of the type described, comprising a tank, a discharge port carried by said tank, an overflow pipe

communicating with said discharge port, a deodorant carrying cup fixed to the upper end of said overflow pipe so as to form a symmetrical enlargement thereof, a



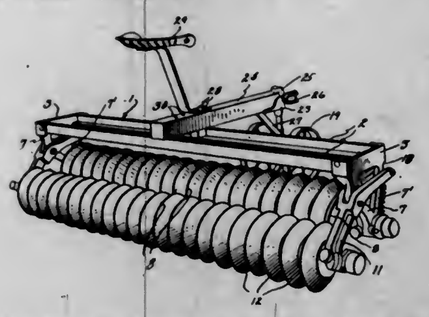
valve for admitting water into said tank, and an auxiliary tube communicating with said valve and terminating in said cup for conveying a portion of the water flowing thru said valve into said cup.

1,621,738. RETARD DEVICE. JOSEPH W. MOTHERWELL, Melrose, and HARRY S. BAKER, Arlington, Mass., assignors to The Ashton Valve Company, Cambridge, Mass., a Corporation of Massachusetts. Filed Aug. 18, 1925. Serial No. 51,075. 11 Claims. (Cl. 277—32.)



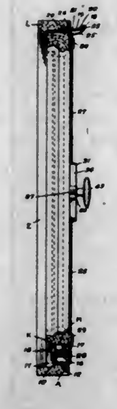
1. A device of the character described comprising a conduit leading from a source of pressure to a gauge; a port leading from said conduit to the atmosphere; a needle valve to control the passage of the material through said conduit to retard pulsation and to control said port, said valve, when seated, preventing passage through said conduit and to said port; and a plug cock controlling said conduit and said port and movable so as to permit passage of the material to said gauge or to the atmosphere as desired.

1,621,739. SOIL PULVERIZER. JOHN PARKER, Richmond, Mich. Filed Apr. 23, 1925. Serial No. 25,213. 3 Claims. (Cl. 55—77.)



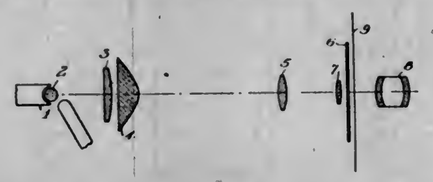
1. A soil pulverizing machine comprising a main frame having depending end portions, bearings provided in the respective end portions, a series of disks, a shaft for the disks supported in the said bearing, a bifurcated arm pivotally supported on each of the said depending portions in the bifurcation of which the end portion is positioned, the opposite end of each of the said arms having a bearing, a second series of disks positioned in staggered relation to the said first series, a shaft therefor carried in the said arm bearings, a spring at the bifurcated end of each arm tending to raise the said end and to force the second series of disks downwardly, and a stop engaged by the said bifurcated end limiting the downward movement of the second series of disks.

1,621,740. WINDOW LATCH AND GUARD. ALFRED PAVOLA, New York, N. Y. Filed Apr. 27, 1925. Serial No. 26,106. 6 Claims. (Cl. 20—68.)



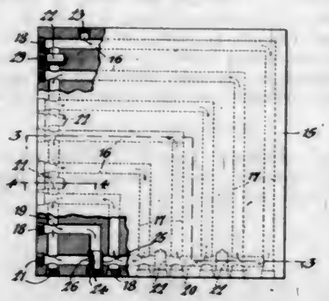
1. The combination with the hinged sashes of a casement window, having in their lower edges registered grooves and a guard element on the sill of the frame of the window for being adjusted into and out of the grooves of the sashes, of a socket projecting from the guard element, a pin protruding from a bar for removable insertion in the socket of the guard element, and means operative to move the bar when the sashes are closed and when the pin is seated in the socket of the guard element for raising the socket and moving the guard element into the grooves of the sashes to fasten the sashes and said means being operative to reversely move said parts for releasing the sashes.

1,621,741. PROJECTING SYSTEM FOR CINEMATOGRAPHS. GUSTAV A. H. KELLNER, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed Aug. 20, 1924. Serial No. 733,137. 12 Claims. (Cl. 88—24.)



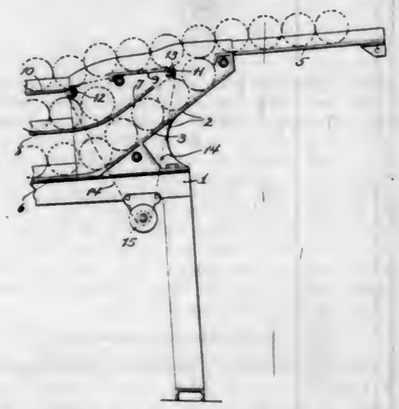
3. In a projecting system for cinematographs and the like, a source of illumination, an aperture plate, and a relaying lens system between the said source and said plate including a multi-lens condenser adjacent the illumination source and having a parabolic lens as one of its component lenses.

1,621,742. FLUID-CIRCULATING PLATE. ARMIN GEORGE KESSLER, Buffalo, N. Y., assignor to Farrel Foundry and Machine Co., Inc., Buffalo, N. Y., a Corporation of Connecticut. Filed Aug. 20, 1925. Serial No. 51,374. 4 Claims. (Cl. 18—17.)



1. A circulating plate of the character described, provided with a plurality of spaced fluid-circulating channels having a common inlet and a common outlet and passages intersecting said channels near their ends, said channels and said passages being formed by drilling holes in the plate, plugs fitted in the ends of the channels and passages, and filler-pieces extending across said passages and disposed in the alternate spaces between said channels, whereby the fluid is diverted in a sinuous course therethrough.

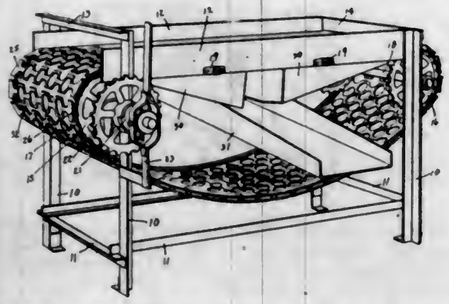
1,621,743. MACHINE FOR BOXING OR CASING CANS. ALBERT HERBERT KYLER, Westminster, Md. Filed Jan. 8, 1925. Serial No. 1,231. 3 Claims. (Cl. 193—2.)



1. In can-feeding mechanism, the combination of a plurality of guideways arranged one above another in parallel relation, a supply guideway common to all the first-mentioned guideways, and constantly rotating elements in the supply guideway at the entrances to the several parallel guideways, said elements having can-engaging portions of non-circular cross section.

1,621,744. GRADING TABLE FOR VEGETABLES AND FRUITS. STACEY B. LINDLEY, Indianapolis, Ind., assignor to Indiana Canning Machinery Company, Indianapolis, Ind., a Corporation. Filed Mar. 20, 1925. Serial No. 17,018. 3 Claims. (Cl. 209—84.)

1. A horizontally extending smooth surfaced grading belt of the character described comprising a pair of endless chains, a plurality of rigid plates extending from one chain to the other and secured thereto at their respective ends independently of each other, each of said plates having a plurality of annular openings positioned centrally and longitudinally thereof, and a plurality of semi-annular recesses formed along the edges thereof in



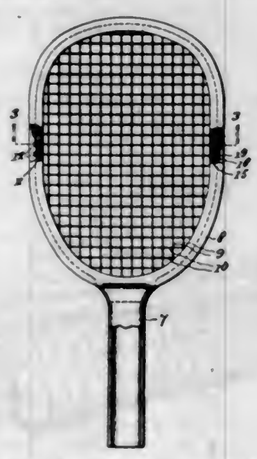
staggered relation to said openings for forming similar openings in conjunction with the edges of the adjacent plates.

1,621,745. WELDING-ROD HOLDER. CLYDE M. MILLER, Madison, Ind. Filed Mar. 25, 1925. Serial No. 18,321. 4 Claims. (Cl. 81—3.)



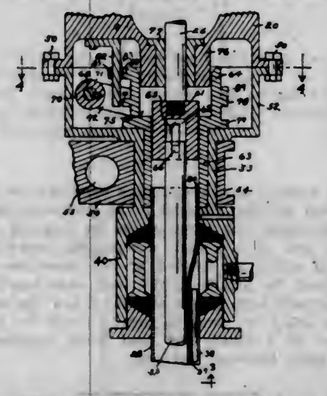
1. A welding rod holder including a body formed on a pair of complementary sections one extremity of each of the said sections normally assuming an expanded position, oppositely disposed jaws carried by the ends of the sections, a plurality of co-acting ridges formed in each jaw adapted to retain a welding rod in various positions, a pair of eye bolts secured adjacent the said extremities of the body sections, a movable plate member mounted adjacent the opposite extremity of the body, a lever pivoted beside the plate engageable therewith, a rod connecting the said lever and eye bolts for contracting the sections, and means for locking the said lever in adjusted positions.

1,621,746. TENNIS RACKET. LOUIS G. MORTEN, Jersey City, N. J. Filed Mar. 6, 1924. Serial No. 697,243. 1 Claim. (Cl. 273—73.)



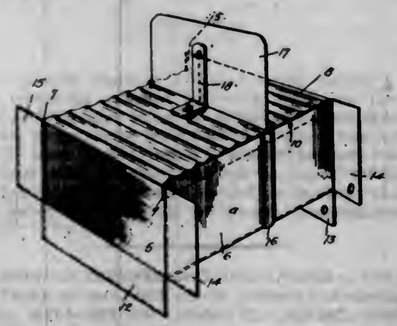
A tennis racket comprising a frame having at one side an opening just wide enough to receive a string and provided with a recess at the outer end of the opening, a string knotted at one end, the string adapted to pass through the opening and the knot to lie in said recess, said frame having at its diametrically opposite portion an opening of greater diameter, a plug secured in this opening, said threaded opening being open at both ends and said plug having a passage axially therethrough of a diameter to snugly receive the string and being substantially in alinement with the opening at the opposite side of the frame, the opposite end of the string being passed through the passage in said plug, said plug having divided diametric slots on one end to receive a tool whereby to rotate the plug, and a washer upon the outside of the plug adapted to receive the other knotted end of the string to avoid cutting of the string by the rotating plug.

1,621,747. ANTITILTING LOCK FOR REVERSIBLE OUTBOARD MOTORS. JAMES A. MOULD, Milwaukee, Wis., assignor to Evinrude Motor Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 7, 1924. Serial No. 684,719. 43 Claims. (Cl. 115—18.)



1. In a device of the character described, the combination with a bracket and an outboard motor pivotally connected therewith for tilting movement and provided with a normally upright drive shaft, of a sleeve encircling said drive shaft and provided with an arcuate lock element substantially concentric with said sleeve, and a supplementary arcuate lock element connected with said bracket and normally out of engagement with said first mentioned lock element, said arcuate elements being adapted for interlocking interaction upon the occurrence of relative axial movement between said elements in a given direction, whereby said outboard motor may be secured against pivotal movement.

1,621,748. HEADGATE. WILLIAM MURDOCK, Deeth, Nev. Filed Aug. 8, 1925. Serial No. 49,119. 1 Claim. (Cl. 61—12.)

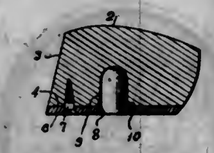


A headgate for irrigation systems comprising a non-cylindrical open-ended metallic casing formed of a single piece of sheet metal and having a straight corrugated top provided intermediate its ends with a transversely disposed recess, vertical side walls provided intermediate their ends with vertical guides alining with the ends of the recess, and outwardly extending portions at the opposite ends of the sides and bottom, and a gate slidable within the recess of the top and within the guides of the side walls and having its upper end portion extending upwardly and beyond the top and providing a hand hold in the gate vertically from a position exteriorly of the casing, and means for securing the gate in any of its adjusted positions said means comprising a bracket secured to said corrugated top and having in a vertical portion thereof a series of apertures and a bolt through one of said apertures and said gate.

1,621,749. DUPLICATE SOUND RECORD AND PROCESS OF MAKING THE SAME. ROBERT QUAIT, Jr., Brooklyn, N. Y., assignor of one-half to Jacob M. Ehrlich, New York, N. Y. Filed Feb. 8, 1924. Serial No. 691,515. 18 Claims. (Cl. 18—48.3.)

1. A method of producing sound records which consists in printing upon a base of suitable material; treating said base with a filler or sizing composition; removing substantially the volatile portion from said sizing layer; applying to said sized base an intermediate layer of a highly thermoplastic cellulose ester in solution in volatile solvents; substantially removing said volatile solvents from said intermediate layer; applying upon said intermediate layer as a surface coating a cellulose ester in solution of low thermoplasticity relative to the intermediate layer; removing substantially all the volatile solvent from said surface coating; and impressing thereon and therein by heat and pressure the ridges of a record matrix; and cooling the same to form a pressed record sufficiently transparent or translucent that the aforesaid printing may be visible thereon, substantially as described.

1,621,750. GOLF CLUB. WILLIAM L. QUESTEL and HUGH M. RHIND, Portsmouth, Ohio, assignors to The Hugh Rhind Golf Shaft Company, Portsmouth, Ohio, a Corporation of Ohio. Filed Apr. 15, 1926. Serial No. 102,301. 4 Claims. (Cl. 273—77.)

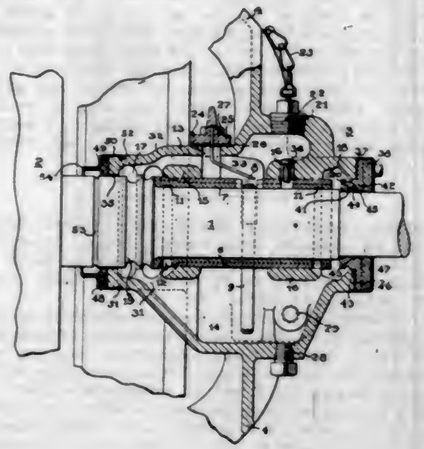


1. In a golf club, a head, a plate mounted therein, said plate and head having coinciding apertures, means extending from said plate around the aperture therein into the margin of the aperture in the head, and a common plug inserted in said apertures, said means surrounding said plug on all sides, whereby said plate is prevented from movement relative to said head by said head and plug.

1,621,751. BEARING. RAOUL PRUGER, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 15, 1923. Serial No. 668,479. 5 Claims. (Cl. 308—128.)

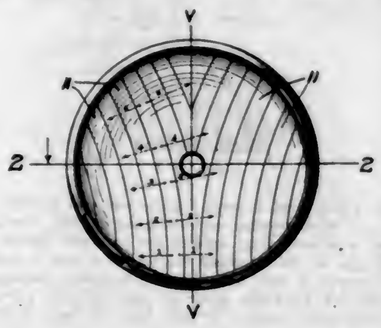
2. The combination with a rotating machine having a journal, of a journal bearing comprising a bearing sleeve surrounding said journal and having an oil-supply slot in the upper portion thereof, a housing entirely surrounding said sleeve and comprising a seat member for holding the sleeve and an oil receptacle disposed beneath said seat member, an oiling ring disposed in said slot and extending into said receptacle for oiling said journal, said housing having an opening therein, a steadying screw ex-

tending through said seat member for retaining said bearing sleeve, said steadying screw being accessible for insertion and removal through said opening, said oil-supply



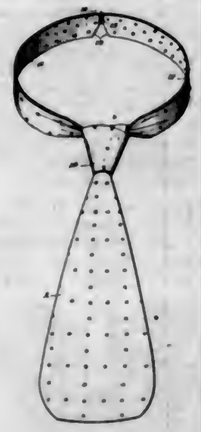
slot being offset from said opening, said housing having a separate opening for removing said oil ring, and means for covering said housing openings.

1,621,752. HEADLIGHT REFLECTOR. JOHN F. RAYNOLDS, Minneapolis, Minn., assignor to The Paraflector Company, Minneapolis, Minn., a Corporation of Delaware. Filed Apr. 27, 1925. Serial No. 26,105. 2 Claims. (Cl. 240—41.)



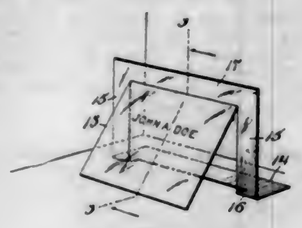
1. A concave reflector having its surface divided into two series of strips or zones; each strip being formed so that its mean radius of curvature, in the plane containing a transverse element of said strip, is greater than the mean radius of curvature of the same section of the original surface; said strips or zones arranged symmetrically with respect to the vertical meridian of said reflector and having their edges in curved lines on the reflector surface, the projections of said lines on a plane perpendicular to the main axis of said reflector forming two series of concentric circular arcs having their centers on opposite sides of the projected vertical meridian, equidistant from it and below the horizontal axial plane, said arcs lying between the projected vertical meridian and their respective centers.

1,621,753. NECKTIE. WILLIAM N. ROMANOFF, Chicago, Ill. Filed Aug. 16, 1926. Serial No. 129,353. 2 Claims. (Cl. 2—155.)



1. In a necktie, a sectional neck band for the tie, the ends of said sections adapted to be positioned adjacent, but not touching each other when the band is disposed about the neck of a wearer, a separable connection the elements of which are carried by the respective ends of the neckband for attaching the said ends together, the portions of said ends of the sections below the separable connection being cut away to form a notch for receiving the button of a collar, and said notch communicating with the space between the ends.

1,621,754. COMBINED CARD AND DISPLAY SIGN. LOUIS ROMMEL, Newark, N. J., assignor to Ethel B. Rommel, Newark, N. J. Filed Nov. 11, 1924. Serial No. 749,116. 3 Claims. (Cl. 40—148.)

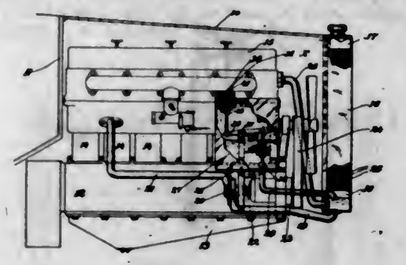


1. A display device formed of a single piece of sheet material comprising a vertical frame, a horizontal base hinged to the lower edge of the frame and extending rearwardly, and a display panel hinged to the upper portion of the frame and forming a forwardly bent brace to said frame, the height of the panel being greater than the distance between the bottom edge of the frame and the hinge connection between the panel and the frame.

1,621,755. ENGINE-COOLING SYSTEM. SAMUEL W. RUSHMORE, Plainfield, N. J. Filed Oct. 9, 1924. Serial No. 742,638. 13 Claims. (Cl. 123—174.)

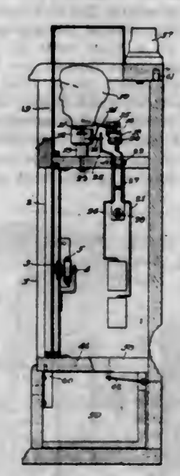
1. A cooling system operating by the boiling and condensing method, having a circulating system including a

jacketed element to be cooled, a radiator having a lower water chamber below the level of the jacket element through which the cooling medium is short circuited and a plurality of upflow condensing passages above said



chamber, means for withdrawing water from the chamber and delivering it to the jacket and means for returning the heated fluid to the chamber, in combination with means for maintaining a substantially constant water level in the water chamber.

1,621,756. COIN-CONTROLLED MACHINE. JOHN J. SCHARLI, Jr., Philadelphia, Pa., assignor to John F. Meyer, Chicago, Ill. Filed June 20, 1925. Serial No. 38,405. 12 Claims. (Cl. 194—9.)

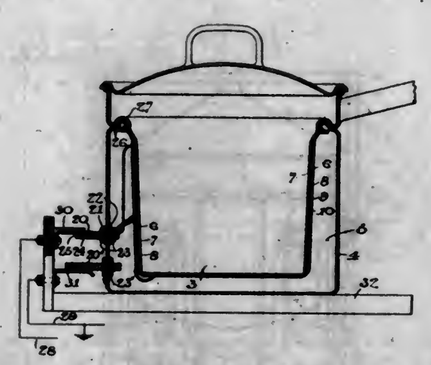


1. In a device of the class described, means for receiving a coin, a plurality of paths any one of which said coin may take, an oscillatorily mounted object, and means to cause said object to give any one of a plurality of signals, said means being actuated by said coin and the particular signal being determined by the path which said coin takes.

1,621,757. ANTISPASMODIC. PAUL SEYDEL, Nitro, W. Va., assignor to The Seydel Chemical Co., a Corporation of West Virginia. Filed May 14, 1923. Serial No. 638,978. 2 Claims. (Cl. 260—106.)

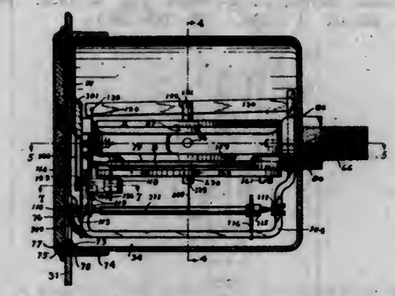
2. As a new composition of matter a non-toxic benzyl succinate of an alkali earth metal.

1,621,758. UTENSIL. DAVID E. SHAW, Milwaukee, Wis. Filed May 17, 1922. Serial No. 561,673. 7 Claims. (Cl. 219—44.)



1. In an electrically-heated utensil, the combination with a heat-conducting container, of a heating element comprising a copper wire coated with a very thin heat-conducting, moisture-proof insulating film, said wire being closely wound with contiguous convolutions about said container, and means for supplying current to said element.

1,621,759. GAUGE. LYLE K. SNELL, Detroit, Mich. Filed Sept. 19, 1923. Serial No. 663,557. 14 Claims. (Cl. 73—110.)

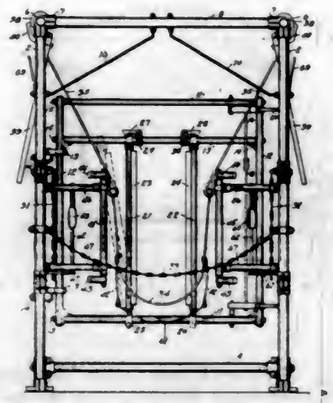


1. In apparatus of the class described, the combination of a hollow expansible member, means for subjecting said member to the pressure to be measured, a shaft, indicating means carried by said shaft, a laterally flexible filament having one end connected to said member and its other end connected with said shaft so that the movements of said filament will rotate said shaft in one direction, and means for rotating said shaft in the opposite direction.

1,621,760. OPERATING STALL FOR ANIMALS. OTTO STADER and JOHN B. OLSON, Fort Atkinson, Wis., assignors to James Manufacturing Company, Fort Atkinson, Wis., a Corporation of Wisconsin. Filed Aug. 24, 1921. Serial No. 495,086. 9 Claims. (Cl. 119—98.)

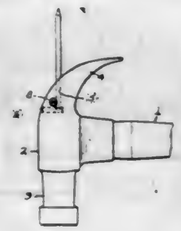
1. An operating stall for animals, said stall comprising a skeleton framework, lateral clamping members

pivotally linked to the respective sides of said framework for parallel movement, means for latching said members in adjusted position, a gate in the forward end of said stall, means centrally positioned within said gate and engageable with the neck of an animal posi-



tioned between said clamping members to secure said animal against forward or rearward motion, and means for supporting the body of an animal so secured, said skeleton framework being open to permit access to said animal from a wide variety of positions.

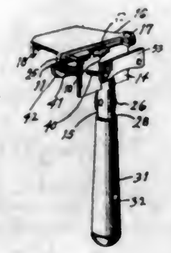
1,621,761. NAIL-DRIVING IMPLEMENT. ARTHUR E. TAYLOR, Elyria, Ohio, assignor of one-half to Scott Hinman, Elyria, Ohio. Filed Aug. 5, 1925. Serial No. 48,248. 1 Claim. (Cl. 145—30.)



In a nail-driving implement of the hammer type, the combination with a head including a poll and an oppositely directed pair of claws, of nail-holding means including a slot at the base of said claws at the convex side, the bottom of the slot being substantially parallel with the axis of the hammer head, two aligned recesses, one at either side of said slot spaced from the bottom of said slot, and conoidally pointed nail-engaging plungers yieldably projecting from such recesses for pressing a nail toward the bottom of said slot, and forming a three-point engagement therewith.

1,621,762. DENTAL VIBRATORY MATRIX. TAKNO TERAGAWA, Los Angeles, Calif. Filed Feb. 1, 1926. Serial No. 85,270. 9 Claims. (Cl. 32—10.)

1. In a dental matrix of the character set forth, the combination with a main plate member having an aperture therein to receive a tooth form, of a spring-actuated movable jaw mounted in opposed relation to the main plate member, a cover pivotally mounted relative to the

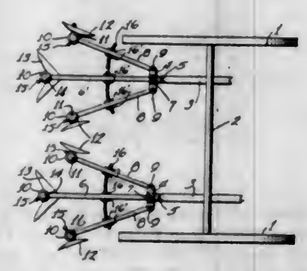


main plate member and to swing to an operative position in opposed relation to the movable jaw member, and means for holding the said cover in any adjusted position.

1,621,763. PROCESS OF MAKING FRIED RICE FOOD. BUNKICHI YOKOYAMA, Los Angeles, Calif. Filed Oct. 12, 1926. Serial No. 141,245. 2 Claims. (Cl. 99—11.)

2. The herein-described process of making fried rice food, which consists in first preparing a flour from roasted peanuts, then washing a quantity of glutinous rice, then separating the rice from the water, then steeping the rice for ten hours in pure water, then taking the steeped rice from the water, then steaming the rice for one hour, then pounding the rice into a paste, and, while pounding the rice, adding the peanut flour thereto, in small quantities at a time until all is well mixed, then drying the dough thus formed for two days, then cutting the dough into small pieces, then further drying the dough for seven days, then frying the dried dough in a boiling salad oil for twenty minutes, then removing the fried pieces from the oil, then adding a flavoring substance to the fried pieces by spreading the flavoring thereon, and finally in drying the fried pieces of dough.

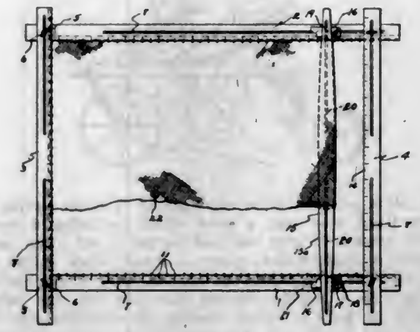
1,621,764. CULTIVATOR. WESLEY P. ALLEN and ELBERT H. FINCHER, Mannsville, Okla. Filed Sept. 14, 1925. Serial No. 56,279. 1 Claim. (Cl. 97—179.)



In an agricultural implement, a pair of wheels, a frame mounted on said wheels, a pair of main beams, an extension secured to each of said main beams, a plow carried by each of said extensions, auxiliary beams pivotally secured on each side of each of said main beams, each of said auxiliary beams having an eye, a disc having a cylindrical shank arranged to enter each eye, a set screw for holding each of said shanks in adjusted position, arc-shaped rods secured to said extensions

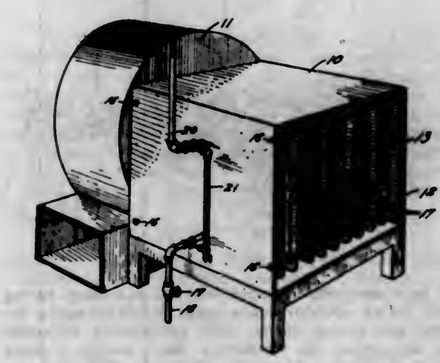
and arranged to pass through said auxiliary beams, and means carried by the rods for securing said auxiliary beams in various angular positions with respect to the extensions.

1,621,765. CURTAIN STRETCHER. FLORENCE BONSWOR, Detroit, Mich. Filed June 14, 1924. Serial No. 719,957. 8 Claims. (Cl. 45—24.)



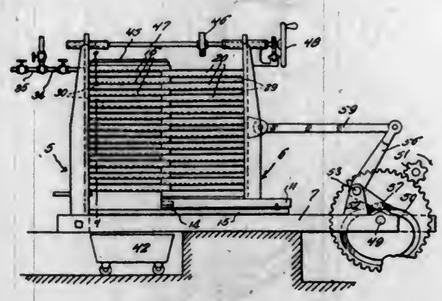
1. A curtain stretcher comprising a plurality of bars forming a rectangular frame, certain of said bars being longitudinally slotted, and a pair of sheet metal brackets engaging in the longitudinal slots of two of said bars and adjustable longitudinally of said slots, and having portions frictionally engageable in the longitudinal slot of another of said bars to detachably mount said bar upon the frame.

1,621,766. AIR COOLER AND HUMIDIFIER. JAMES R. BULMER, Fort Collins, Colo. Filed May 25, 1925. Serial No. 32,667. 2 Claims. (Cl. 261—30.)



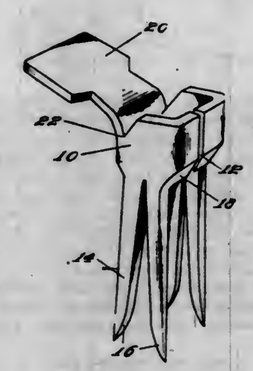
1. An air cooling device comprising the combination of a series of parallel flexible fabric water cells having passages allowing seepage of water through the walls thereof; a relatively short tube passing through and carried by each of said cells and projecting beyond the sides thereof for admitting water thereto, said tube being adapted to hold the sides of said cell apart and having an opening for communicating with the interior of the cell; and relatively short tubes connecting the projecting extremities of the first tubes of adjacent cells.

1,621,767. FILTER PRESS. ANGELO M. CAPRA, Philadelphia, Pa., assignor, by mesne assignments, to Capra Filter Press Corporation, a Corporation of Delaware. Filed Jan. 12, 1925. Serial No. 1,936. 7 Claims. (Cl. 210—152.)



4. In a filter press of the class described, a relatively movable unit comprising a supporting board and a plurality of horizontal vertically spaced filters, each filter comprising an open frame, a sheet of foraminous material carried thereby, a filtrate collecting pan disposed below said sheet, and a discharge opening, said pan being formulated to provide a gutter leading to said discharge opening.

1,621,768. SPIKE RETAINER. HERBERT O. CRIPPEN, Chicago, Ill. Filed June 22, 1925. Serial No. 38,758. 8 Claims. (Cl. 238—294.)

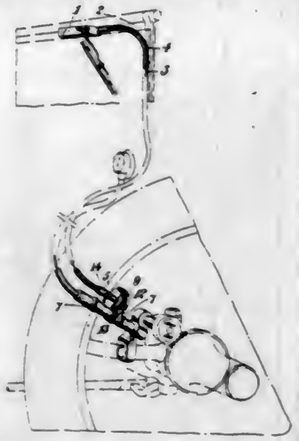


1. A spike retainer, comprising in combination, a body formed to encircle a spike, material gripping members extending from the body, a spike retaining element also integral with said body, and means for automatically spreading the material gripping elements upon application of the same.

1,621,769. MEANS FOR OPERATING AUXILIARY APPARATUS ON MOTOR-DRIVEN VEHICLES. PRIMUS OTTO DORER, Lee, London, England, assignor to Allan Gordon Smith, London, England. Filed Jan. 7, 1925, Serial No. 1,125, and in Great Britain Jan. 11, 1924. 1 Claim. (Cl. 74—7.)

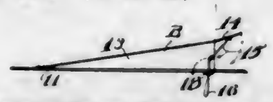
In combination, a disconnectible transmission line, a casing, a shaft journaled in said casing and adapted for operative attachment to the disconnected transmission members, a spur gear on said shaft within said casing, an auxiliary shaft journaled in said casing parallel to said first mentioned shaft, a second spur gear of different size on said auxiliary shaft also within said casing

and in mesh with said first mentioned spur gear, an eccentric secured to said second spur gear, a strap cooperating with said eccentric, a rod pivoted to said strap, a



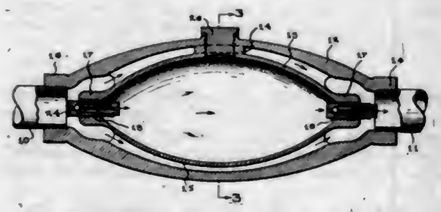
flexible wire member connected to the rod and passing through said casing, and a tubular guideway on said casing forming a bearing for said rod.

1,621,770. BUS VENTILATOR. CHARLES J. ECKLAND, Minneapolis, Minn. Filed Aug. 12, 1925. Serial No. 49,746. 1 Claim. (Cl. 98—22.)



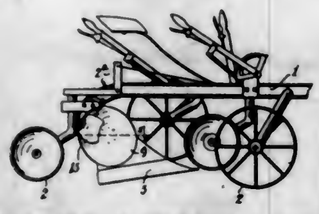
An air evacuator for ventilating a bus, comprising a tapered housing having the enlarged end thereof open, said housing being mounted below an overhanging portion of the roof of said bus, closure means pivotally connected to the enlarged open end of said housing, said closure means having an open condition wherein said closure means extends outwardly and rearwardly of the evacuating vent to draw air from the interior of the bus, and a closed condition wherein the closure means is positioned across the evacuating vent and a handle lever pivotally mounted adjacent said housing and having link connection with said closure means to actuate said closure means upon an operation of said handle lever.

1,621,771. AUTOMATIC OILER. DANIEL JOSEPH EGAN, Picher, Okla. Filed June 3, 1925. Serial No. 34,668. 2 Claims. (Cl. 184—55.)



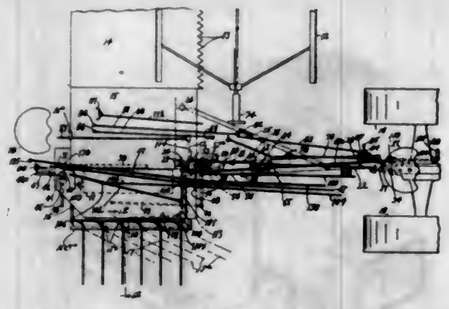
2. In an automatic oiler, the combination of a casing having a fluid chamber provided with oppositely disposed inlet and outlet openings to permit the passage of fluid therethru and a chamber in said casing adapted to contain a quantity of oil and having inlet and outlet openings adjacent, respectively, the openings of the fluid chamber; an inwardly opening check valve in the inlet opening of said oil chamber; and an outwardly opening check valve in the outlet opening of said oil chamber.

1,621,772. REVOLUBLE MOLDBOARD FOR PLOWS. JOSEPH N. ELLENBURG, McKinney, Tex., assignor of one-half to James J. Thompson, McKinney, Tex. Filed Mar. 12, 1925. Serial No. 15,099. 1 Claim. (Cl. 97—121.)



A plow comprising, in combination, a beam having a downturned rear end, a plow share including a mold board secured to said end and having a cut away part leaving a semicircular recess, a thrust block bolted to one side of said turned down end, said block having through it a spindle bearing hole and one end being shaped to form a thrust bearing, a revoluble disk to fit in said recess and attached thereto having a spindle, said spindle including an enlarged foot portion with a bottom surface curved to fit the disk and bolted thereto, said foot also having a hollowed out portion to fit around the thrust end of said block with a ball bearing between the thrust end of the block and the hollowed out portion of the foot, said spindle passing through the hole in the block with means to hold the block to the spindle, and said disk extending from the front to the rear of the plow share.

1,621,773. CONTROLLING DEVICE FOR MOTOR-DRAWN BINDERS. THEOPHIL J. FETCHER, Norwalk, Wis. Filed July 29, 1921. Serial No. 488,341. 5 Claims. (Cl. 56—22.)

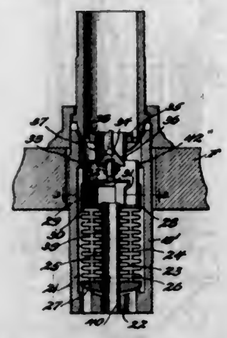


1. In a controlling device between a tractor having a seat for an operator and a grain binder drawn by the tractor and having carrier with horizontally swingable tines supporting the bundles, a shaft having a crank operatively connected with the tines to swing them, the front end of said shaft having a lateral arm of stirrup shape near the seat, and the portion of the shaft near the stirrup forming a journaled stub shaft connected by a universal joint to the rest of the shaft.

1,621,774. THERMOSTATIC TRAP. HAROLD D. FITZGERALD, Danville, Va. Filed Nov. 6, 1925. Serial No. 67,368. 21 Claims. (Cl. 236—42.)

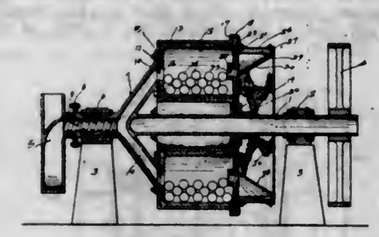
1. A hollow supporting leg forming a fluid passage and comprising a collar having a circumferential flange

adapted to engage the surface of a floor or other support around a pipe opening, and to cover the opening, a relatively short leg section fitting within said collar and having means for attachment to a radiator section, and a second relatively short leg section having



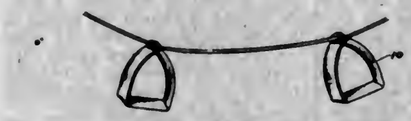
means for attachment to said collar and adapted to make a substantially fluid tight joint with said first mentioned section within the collar, said leg having means for supporting a thermostatic trap adapted to control the travel of fluid through said leg.

1,621,775. MILL. WILLIAM WALLACE GIBSON, Alameda, Calif. Filed Aug. 25, 1924. Serial No. 733,972. 2 Claims. (Cl. 83—9.)



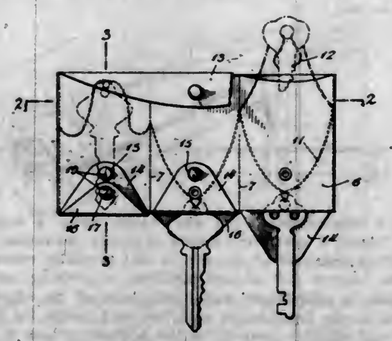
1. An ore crushing mill comprising a plurality of crushing cylinders, a shaft around which said cylinders are arranged in equidistantly spaced relation to one another and to the shaft, means for attaching the cylinders to the shaft, means for rotating the shaft, a plurality of crushing members in each of the cylinders, an ore scoop attached to the shaft for picking up ore on rotation of the shaft and a plurality of ore feed tubes of equal length in communication with the scoop and said cylinders.

1,621,776. APPARATUS FOR SUPPORTING TREE LIMBS AND THE LIKE. CHARLES D. GILMAN, Oakland, Calif. Filed July 27, 1926. Serial No. 125,176. 2 Claims. (Cl. 47—42.)



1. A tree limb supporting device comprising a supporting wire, a clamping band to fit around the object to be supported, lugs formed at the terminating ends of said band, said lugs having aligned openings therein through which the wire is threaded, said lugs having aligned notches at opposite sides with which the wire is engaged when bent around the lugs.

1,621,777. KEY HOLDER. WILLIAM DAVID GLADSTONE, New York, N. Y. Filed Dec. 16, 1925. Serial No. 75,679. 8 Claims. (Cl. 150—40.)



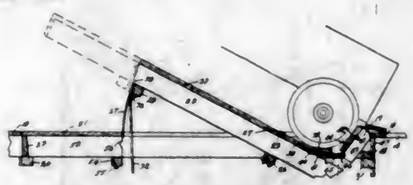
3. A key holder including a body having outer and inner walls, a partition extending longitudinally between said walls and secured at intervals thereto for dividing said body into a plurality of open-ended compartments, flexible key supporting means within each compartment permitting a key therein to be withdrawn from its compartment at either of the open ends thereof, a common closure for certain of the open ends of said compartments, another closure for each of the opposite open ends of certain of said compartments attachable to one of said walls, and still another closure for each of the open ends of the remaining compartments adjacent the last named open ends, each of the last named closures being attachable to one of the second named closures.

1,621,778. CALIPER. AXEL HAGLUND, Oakland, Calif., assignor of one-half to Oscar B. Linder, Oakland, Calif. Filed Oct. 27, 1924. Serial No. 746,109. 1 Claim. (Cl. 33—148.)



A caliper comprising an arm having a circular head, a pin concentrically disposed with respect to and rigidly mounted in said head, a gear rotatively mounted on said pin, a second arm pivotally secured to said head, and having a segmental gear adapted to mesh with said first named gear, a dial secured to said first named gear and adapted to rotate therewith, said dial having a diameter equal to the diameter of said head, and a circular cover plate of the same diameter as said dial and head, and being disposed over said dial, and rigidly mounted on said pin, said plate being provided with an aperture through which said dial is visible.

1,621,779. COMBINATION TRUCK AND WAGON DUMP. FRANZ S. HARSHBARGER, Des Moines, Iowa, assignor to Globe Machinery and Supply Company, Des Moines, Iowa, a Corporation of Iowa. Filed Nov. 18, 1925. Serial No. 69,854. 6 Claims. (Cl. 214—49.)

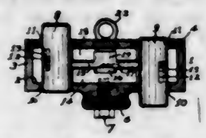


1. A combination truck and wagon dump, a supporting frame, a platform, means pivotally mounting said platform near one of its ends, a leaf pivotally connected to the shorter end of said platform, a blocking member pivoted to said frame and having one of its edges adjacent to the free edge of said leaf, and means for pivotally and slidably connecting the adjacent edges of said leaf and said blocking member.

1,621,780. METHOD AND COMPOSITION FOR POLISHING SURFACES COMPOSED OF CELLULOSE ESTER COMPOSITIONS. JOSEPH B. HIRSH, Brooklyn, and ARTHUR D. ROBSON, New York, N. Y., assignors to Standard Varnish Works, New York, N. Y., a Corporation of New York. Filed Sept. 29, 1924. Serial No. 740,629. 11 Claims. (Cl. 51—278.)

1. An improved method of levelling, smoothing, and polishing surfaces containing cellulose esters, which comprises simultaneously subjecting the surface to a softening and an abrasive action.

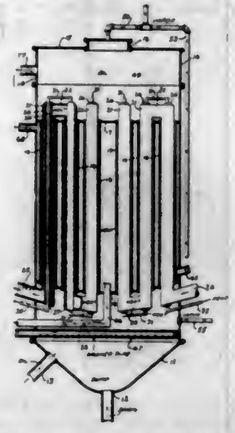
1,621,781. DUPLEX-CONTROL SWITCH. SMITH A. HOGE, Rices Landing, Pa. Filed Dec. 13, 1924. Serial No. 755,630. 1 Claim. (Cl. 200—42.)



In combination, a duplex switch comprising a casing including a cover plate, a pair of vertically shiftable push plugs mounted in said casing, each of said pair of push plugs formed with an elongated longitudinally disposed slot, a contact plate fixed to the upper end of the outer wall of each of slots, a resilient horizontally disposed conductor secured in said casing centrally of its length, the free ends of said conductor extending into the respective slots of said pair of push plugs, said contact plates engaging said conductor when said pair of push plugs are depressed and disengaging said conductor when shifted to the elevated position, the engagement of said conductor in the slots of said pair of push plugs limiting the vertical movement of the latter in said casing.

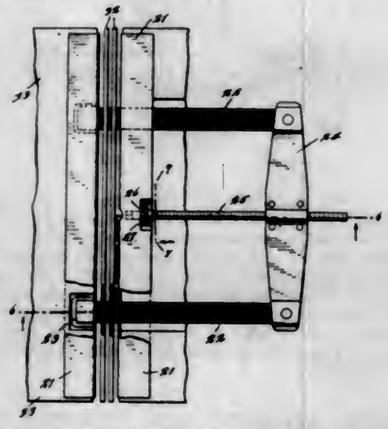
1,621,782. APPARATUS FOR TREATING CRUDE OILS. HARRY A. HOPKINS, Taft, Calif. Filed Feb. 16, 1925. Serial No. 9,457. 3 Claims. (Cl. 196—5.)

1. In an apparatus for dehydrating and cleansing crude hydro-carbon oils, including a casing divided into upper and lower oil chambers with a heating chamber interposed therebetween, a plurality of open ended tubes connecting the oil chambers, each of said open ended tubes having a plurality of tubes concentrically mounted therein and spaced apart to form a plurality of heat and oil passageways, the oil passageways opening at their ends into the oil chambers, the heat passageways being connected together to form a continuous conduit, said conduit having heat inlet and outlet openings, and means



to cause a circulation of oil from the lower oil chamber upwardly through the tubular passageways to the upper oil chamber and outwardly therefrom.

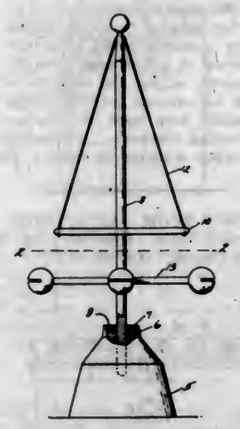
1,621,783. LOOSE-LEAF BOOK OR BINDER. WALTER R. HORSFIELD, Selly Oak, Birmingham, England, assignor to Morland and Impey, Limited, Northfield, Birmingham, England. Filed May 1, 1924, Serial No. 710,237, and in Great Britain May 9, 1923. 6 Claims. (Cl. 129—41.)



1. In a loose leaf book or binder, and in combination, a pair of edge bars adapted to serve as the rear edges of a cover, binding thongs passing freely through one of said edge bars and being secured to the other, a movable cross bar to which one end of each of the thongs is secured, a screw in threaded engagement with the cross bar and in rotatable connection with the first-named edge bar, and interacting means on the screw and first-named edge bar whereby the tension of the thongs is transmitted through the cross bar and screw to the edge bar.

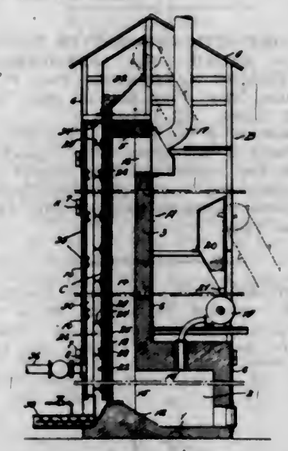
1,621,784. WHIRLIGIG. EARL RAYMOND JENKINS, New York, N. Y. Filed May 27, 1926. Serial No. 112,035. 1 Claim. (Cl. 46—14.)

In a whirligig of the character described, a weighted base formed with a vertical socket in its upper end, a spinning shaft having one end journaled in said socket, a pair of cross arms fixed to the shaft, bells mounted on the ends of the cross arms, a cross member provided with a central opening through which the spinning shaft



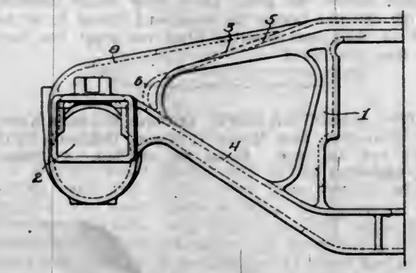
extends, said cross arm being freely slidable on the shaft, and a flexible cord connected at its upper ends to the opposite ends of the member and having its intermediate portion extending through an opening in the top of the shaft, said member being disposed above the cross arms.

1,621,785. RETORT. GEORGE McD. JOHNS, Rockdale, Tex. Filed Nov. 12, 1923. Serial No. 674,376. 13 Claims. (Cl. 202—14.)



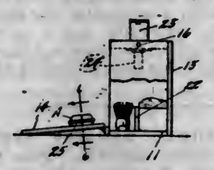
13. An upright gravity feed retort for finely divided flowable material having no definite angle of repose including a shell and walls within the shell dividing the same into a heating-chamber, a vapor-collecting-chamber, and an intermediate treating-chamber, the wall separating the heating and treating chambers being flat and imperforate and the wall separating the treating and vapor collecting chambers being parallel to and spaced from the first wall and comprising a plurality of rectangular transversely corrugated plates disposed obliquely upwardly and outwardly in a spaced imbricated series and reversed the one to the other, said plates providing vapor-outlets from the treating chamber and retaining the material being treated in an approximately vertical thin layer against the heated wall.

1,621,786. CAST CAR-TRUCK SIDE FRAME. GEORGE T. JOHNSON and HARRY W. STERTZBACH, Columbus, Ohio, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Filed Mar. 25, 1926. Serial No. 97,342. 1 Claim. (Cl. 105—205.)



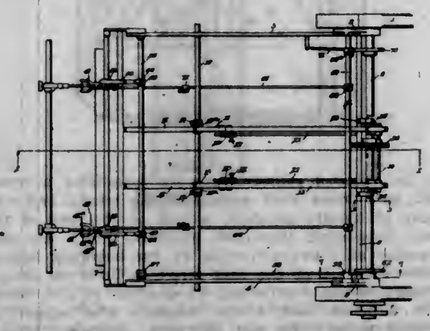
A cast side frame for car trucks comprising a column, a journal box, and compression and tension members extending from the column to the top of the journal box, the tension member having the form of an inverted channel with its side walls united with the journal box, the compression member including a top plate which is disposed obliquely relative to the side walls thereof and unites said walls and merges through an arcuate web in the region of the journal box into the top plate of the tension member.

1,621,787. SHOE-SHINING CABINET. WALTER B. JOHNSON, Breckenridge, Tex. Filed Nov. 6, 1925. Serial No. 67,232. 4 Claims. (Cl. 15—265.)



2. In a shoe shining cabinet, a box comprising an invertible pivoted top member having pins on one side, a hinged front member having latches adapted to be engaged by said pins to hold the top and front rigid, and a back member having keepers adapted to be engaged with said pins, when said top is inverted.

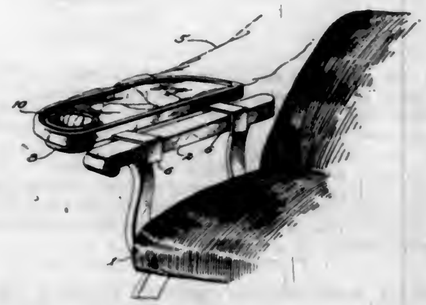
1,621,788. SHEET-FEEDING MECHANISM. WILLIAM M. KELLY, Westfield, N. J. Filed Oct. 24, 1923. Serial No. 670,599. 31 Claims. (Cl. 271—46.)



1. Sheet feeding mechanism including in combination, a feed board, means to feed sheets along said board, slow-down fingers at the delivery end of said board each

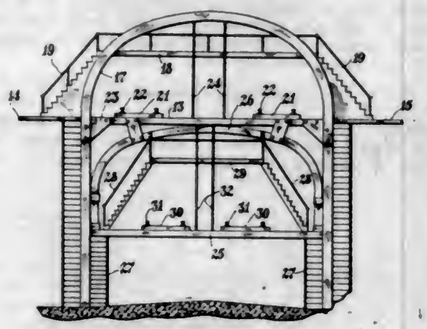
having a shoulder, and means to move said fingers in the same direction as the sheet being fed after the forward edge of the sheet engages said shoulders, but at less velocity than said feeding means, then to cause said fingers to pause, then to advance again to carry said shoulders beyond the point where they would interfere with the cylinder taking the sheet and finally to be returned to their first position after the sheet has been taken from the board.

1,621,789. MANICURE REST. DOLORES WILKENS KENT, San Francisco, and MILAN C. GALE, Oakland, Calif. Filed Apr. 19, 1926. Serial No. 102,940. 4 Claims. (Cl. 132—73.)



1. A manicure rest comprising an oblong arm support, means carried thereby for clamping the same to the arm of a chair parallel therewith, and a basin detachably carried by the support at the outer end thereof, the body portion of the basin being located beneath the top surface of the support.

1,621,790. OVERHEAD RAILWAY SYSTEM. JOHN CHARLIE KING, Daiby, Australia. Filed May 13, 1926. Serial No. 108,830. 7 Claims. (Cl. 104—124.)
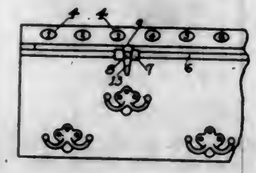


1. An elevated railway structure comprising a frame work, said frame work supporting two tracks, and consisting of upright members, located at the curb of the street, supporting transverse members, which are also supported at their extremities by the buildings located at the sidewalk of the said street, re-inforcing arched members having re-inforcing tie members to said transverse members, said arched members also supporting overhead cross walks and stairways, stairways extending from the said sidewalk to the said transverse members, which supports ties and rails for the said two tracks.

1,621,791. PROCESS OF MAKING WATERPROOF COMPOSITION AND PRODUCT PRODUCED THEREBY. LESTER KIRSCHBRAUN, Chicago, Ill. Filed Oct. 20, 1920, Serial No. 418,316. Renewed Oct. 8, 1926. 7 Claims. (Cl. 92—21.)

1. A process for making a felted fibrous composition comprising fluxing a waterproofing substance with a fatty acid dispersing same in an aqueous medium by means of an emulsifying agent, mixing the emulsion with a fibrous pulp contained in an aqueous vehicle, adding a reagent to produce an insoluble soap upon the surface of the particles of waterproofing substance and passing the mixture over a paper-forming machine to form a sheet-like web.

1,621,792. CHECK-ROOM APPLIANCE. FRED E. KLEIN, Cincinnati, Ohio. Filed May 28, 1925. Serial No. 33,577. 8 Claims. (Cl. 45—13.)



2. In a coat rack having a row of hooks, a row of identification numbers arranged above the hooks, a slider mounted to move along above the row of hooks, and an indicator on the slider pointing to numbers and pointing to hooks, for the purpose described.

1,621,793. COMPOSITION OF MATTER FOR CAPPING PULPS IN TEETH AND IMPROVEMENTS IN DENTAL FILLING MATERIALS. PAUL W. KRUGER, Attala County, Miss. Filed Aug. 11, 1924. Serial No. 731,489. 3 Claims. (Cl. 106—6.)

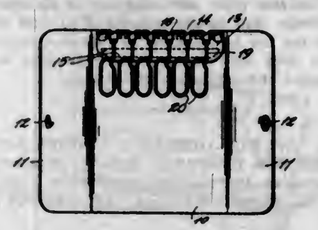
3. A composition of matter for filling in cavities in teeth, comprising a magnesium silicate powder coated with paraffine, and a germicidal fluid suitable for dental uses whose principal liquid germicidal ingredient is guaiacol, containing guaiacol methyglycolate dissolved in the germicidal fluid.

1,621,794. BRAKE SHOE. LUDGER E. LA BRIE, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 2, 1925. Serial No. 66,254. 8 Claims. (Cl. 188—250.)



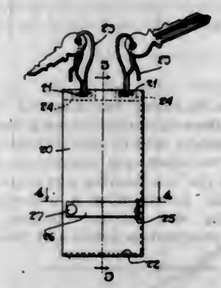
8. A pressed metal brake shoe built up of two sections, each having a cylindrical flange and a radial flange, arranged back to back with the radial flanges fastened together, a pair of right-angled lugs secured to the insides of the opposite cylindrical flanges and having their ends projecting inwardly from the side edges of the shoe, together with a steady-rest pin projecting from one side of the radial flanges opposite one of said lugs.

1,621,795. KEY CASE. CHARLES LORBER, Louisville, Ky. Filed Apr. 14, 1926. Serial No. 101,987. 6 Claims. (Cl. 150—40.)



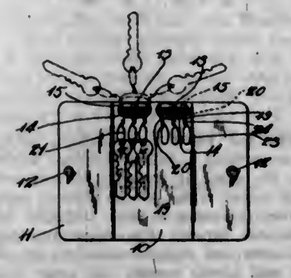
1. In a key case, a member doubled on itself and provided with a series of spaced slots at the doubled portion, a flexible chain housed within the doubled portion and having ball sockets spaced lengthwise of the member to lie opposite the slots, and key hooks each having a shank extending through a respective slot and provided with a ball head engaged in a respective socket.

1,621,796. KEY HOLDER. CHARLES LORBER, Louisville, Ky. Filed May 15, 1926. Serial No. 109,318. 8 Claims. (Cl. 150—40.)



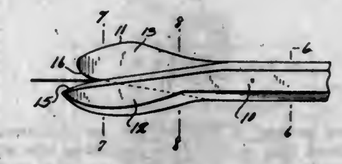
1. In a device of the kind described, a body formed of a strip of material, key holding elements pivotally and swivelly connected to one end of the body, a strap carried by the body and free at one end from the body, and means to detachably secure the free end of the strap to the body, said strap being positioned to engage over a key held by one of said elements and resting on the body, said strip being spaced from the end of the body carrying the key holding elements, whereby the keys held by the strip are exposed to view.

1,621,797. KEY CASE. CHARLES LORBER, Louisville, Ky. Filed July 10, 1926. Serial No. 121,553. 4 Claims. (Cl. 150—40.)



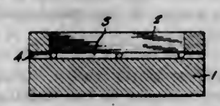
1. In a key case, a body, a key hook holding member swingingly mounted on the body, and key hooks slidably and swivelly connected to said member.

1,621,798. SHEET-METAL-CUTTING TOOL. FREDRICK J. MCFARLAND, Bremerton, Wash. Filed Jan. 9, 1926. Serial No. 80,289. 6 Claims. (Cl. 164—80.)



1. A sheet metal cutting tool having a shank and a cutting head, the cutting head being formed with an upper and a lower blade or wing, the wings at their forward ends being separated from each other by an approximately V-shaped space, said wings being laterally offset with relation to each other, the inner face of each blade being flat and disposed in approximately the same plane.

1,621,799. CAPSTONE FOR PORCHES. CARL MARCH, Chicago, Ill. Filed July 2, 1926. Serial No. 120,248. 1 Claim. (Cl. 47—39.)



A cap stone for porches and the like having a recess in its upper face for holding a flower pot or the like, the bottom of the recess being grooved and the stone having ports passing through its sides and communicating with the grooves, said grooves permitting air to circulate under the flower pot as well as acting as a drain to drain water from the bottom of the recess through the ports.

1,621,800. ELECTRIC WATER HEATER. ALPHONSE MARTIN, Ogdensburg, N. Y., assignor of fifty-one one-hundredths to Max Katzman, Ogdensburg, N. Y. Filed Sept. 26, 1922. Serial No. 590,584. 3 Claims. (Cl. 219—40.)



1. In an electric water heater, a pair of upright conductors, each provided with a plurality of vertically spaced electrodes having their axes extending horizontally, the electrodes of each conductor being arranged in axially opposed spaced relation to those of the other conductor to form vertical watergaps between adjacent ends of opposed electrodes.

1,621,801. COLLAPSIBLE TUBE CLOSURE. JOHN D. MILLER, Newton, N. C. Filed Mar. 19, 1926. Serial No. 95,941. 1 Claim. (Cl. 221—60.)



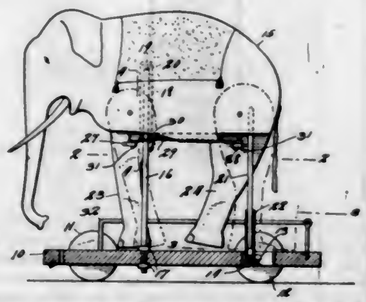
As a new product of manufacture, an attachment for a conventional type of collapsible dispensing tube wherein said tube embodies a conical discharge end having a central externally screw-threaded discharge nipple, said attachment being in the form of a closure for said nipple and including a cylindrical body having a conical recess in its bottom to engage the conical end portion of said tube, a central screw-threaded bore into which said nipple is adapted to tap, a spherical socket in communication with said bore, and a discharge opening of a diameter less than said bore, and a ball valve fitted snugly in said socket but freely movable therein and having a portion to project through and beyond said discharge opening when the valve is in closing position, said valve having a passage adapted to register with said bore and discharge opening, and an operating crank for the valve extending at right angles to the longitudinal axis of the passage in said valve and mounted for movement upon said body.

1,621,802. VEHICLE BODY DOOR. JAMES MORRISON, Cincinnati, Ohio, assignor to The Highland Body Manufacturing Company, Cincinnati, Ohio, a Corporation of Ohio. Filed June 23, 1922. Serial No. 570,397. 14 Claims. (Cl. 296—47.)



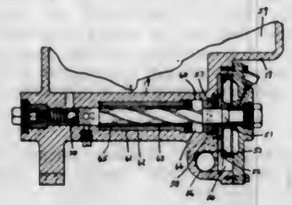
4. In a vehicle cab, the combination of a door, an element on which the door will ride, means behind which the door will move, and a resiliently pressed bar on the door, and means beneath the said element, said bar having means at its end to engage said means beneath said element to hold the door tightly down on the said element.

1,621,803. ANIMAL TOY. CARL WHEELER MOTT, Rock Falls, Ill., assignor to The Rich Manufacturing Company, Sterling, Ill. Filed Feb. 18, 1926. Serial No. 89,159. 6 Claims. (Cl. 46—45.)



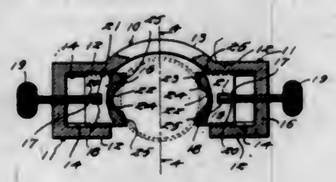
1. A toy comprising a support having traction wheels, an animal figure pivotally supported thereon for movement in a vertical plane and having transversely opposed legs pivoted to the body, a vertically disposed pivot mounted on the body, and a transversely extending member mounted on said pivot and engaging at its opposite ends with the legs, and means connected to said wheels for acting as the toy is propelled to rock the body upon its pivot and rock said transversely extending member to thereby cause the oscillation of the legs.

1,621,804. FLUID-OPERABLE LUBRICATOR AND FEEDER FOR ENGINES. FRED K. MURPHY and RAY W. RETTERER, Indianapolis, Ind. Filed July 13, 1925. Serial No. 43,249. 6 Claims. (Cl. 184—76.)



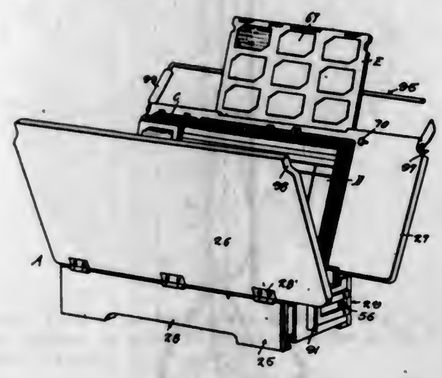
2. A lubricator including an elongated chamber open at both ends, a sleeve mounted in said elongated chamber, a screw positioned within and secured to said sleeve to prevent relative rotational movement therebetween, said chamber and the combination screw and sleeve being relatively rotatable for forming a pressure pump, and means for causing said relative rotation between the chamber and the combination screw and sleeve.

1,621,805. REST AND HOLDER FOR WATCH MOVEMENTS. JOHN I. NASSIT, Fergus Falls, Minn. Filed Mar. 30, 1926. Serial No. 98,587. 2 Claims. (Cl. 81—6.)



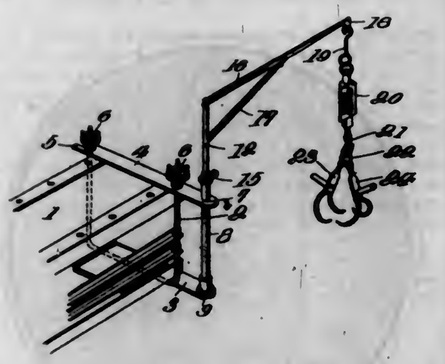
1. A clamp for small or peculiarly shaped watch movements comprising a pair of opposed U-shaped members having the arms at one side thereof connected by an outwardly bowed bridge, blocks slidably supported and guided between the arms of each U-shaped member and means adjustable through the connecting bar of each U-shaped member and engaged with the associated block for shifting said blocks toward and away from one another, adjacent faces of said blocks being each formed with a V-shaped notch, the end walls of the blocks at opposite sides of the notches being grooved.

1,621,806. BANK LEDGER. ANDREW J. NORMAN, California, Pa.; Katie I. Norman executrix of said Andrew J. Norman, deceased. Continuation of application Serial No. 11,532, filed Feb. 25, 1925. This application filed Jan. 16, 1926. Serial No. 81,749. 15 Claims. (Cl. 129—1.)



3. The combination, with a ledger case, of means in the ledger case for holding ledger sheets, signature cards and stop payment notices in displaying position.

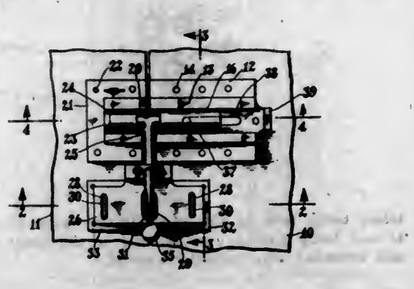
1,621,807. HAY REMOVER AND WEIGHER FOR HAY PRESSES. JOHN GARY OWENS, Barnwell, S. C., assignor of one-fourth to R. C. Holman, Barnwell, S. C., and one-fourth to John I. Rice, Columbia, S. C. Filed Feb. 4, 1924. Serial No. 690,426. 3 Claims. (Cl. 214—2.)



1. The combination with the bale chamber of a hay press, of a pair of bars arranged above and below said chamber, a U-shaped yoke embracing said chamber for securing said bars in position on said chamber, a tubular support mounted in said bars, a mast revolubly mounted in said support, a crane carried by said mast and a weighing scale carried by said crane having hay hooks for engaging the bale of hay.

1,621,808. LATCH. JOSÉ PALACIOS, New York, N. Y. Substitute for application Serial No. 702,301, filed Mar. 27, 1924, abandoned Mar. 18, 1926. This application filed May 18, 1926. Serial No. 108,713. 5 Claims. (Cl. 292—57.)

1. A latch comprising a bolt, a keeper therefor, a block in which said bolt is rotatably mounted, a guide element for said block permitting longitudinal movement of the latter with the bolt, an arm projecting laterally from the bolt, a hasp plate fixed to the free end of said arm and formed with a plurality of slots, said slots being



spaced from one another longitudinally of the bolt, and extending transversely with respect to the latter, and staple elements adapted for mounting respectively on a door and door frame and adapted to individually engage the respective slots on the said hasp plate.

1,621,809. MOORING DEVICE. EMIL PETERSEN, Hamilton Beach, N. Y., assignor of one-half to Edward A. Pulaski, New York, N. Y. Filed Feb. 4, 1926. Serial No. 85,891. 3 Claims. (Cl. 114—230.)



3. A mooring device comprising an outer sectional casing having open upper and lower ends, a vertical tube positioned centrally in said casing having its extremities disposed in said openings, a stop adjustably secured intermediate the extremities of said tube, pistons disposed in said tube adjacent opposite ends of said stop, springs engaging said pistons normally holding the latter against said stop, rods attached to said pistons and extending outside of said casing, said rods being adapted to be attached to mooring ropes, said rods and pistons being movable in opposite directions to provide in a resiliently extensible tension absorber, and water tight sealing means disposed in the ends of said tube adapted to permit the passage of said rods therethrough.

1,621,910. IDENTIFYING TAG. CHARLES M. RICE, St. Louis, Mo. Filed July 19, 1923. Serial No. 652,469. 1 Claim. (Cl. 40—19.)

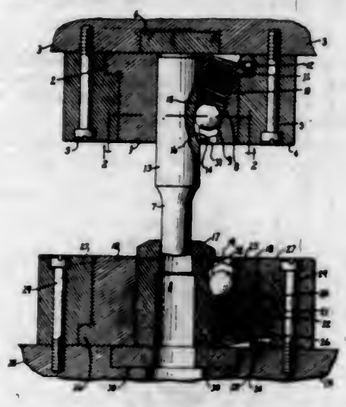
An identifying tag comprising a pair of telescoping members, one of which is transparent, said telescoping members being provided with a plurality of flat faces, said flat faces of one telescoping member being located adjacent to the flat faces of the associated member when said members are telescoped one within the other, and a

plurality of labels interposed between the flat faces of said telescoped members so that said labels may be read through the flat faces of said transparent member, said



labels being bent in the approximate shape of a letter U and being passed over an end of the inner member and extended longitudinally thereof.

1,621,811. PUNCH AND DIE RETAINER. OTIS K. RICHARD and CLEMENT C. RICHARD, Detroit, Mich. Filed Aug. 24, 1922. Serial No. 583,989. 10 Claims. (Cl. 279—30.)



1. In a retainer for punches, dies, and similar tools, a base having a hardened plate set therein, a centrally apertured retainer detachably secured to the base over the plate, the tool having a shank adapted for insertion in the apertured retainer and being a sliding fit therein, the hardened plate providing a backing for the tool and the tool being provided with a groove in the side thereof extending at an angle to the longitudinal axis thereof, the retainer also having an aperture in the wall thereof extending at a slightly greater angle to the longitudinal axis of the tool than the said groove and opening into the central aperture, a ball in the annular aperture of the retainer and a coiled spring secured in the said aperture and adapted to force the ball into engagement in the groove of the tool shank.

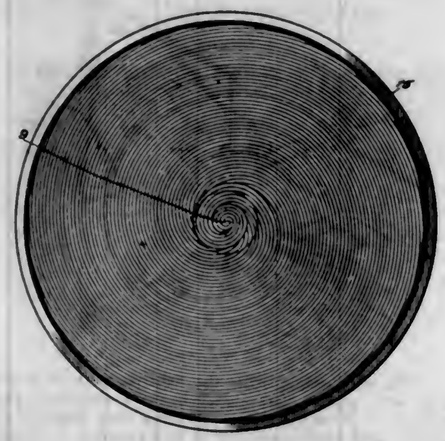
1,621,812. DRILL-HOLE REAMER. JOSEPH ROSS, New Albany, Ind. Filed Sept. 14, 1925. Serial No. 56,334. 1 Claim. (Cl. 255—75.)

A drill hole reamer comprising an elongated body consisting of spaced parallel side plates and spacing blocks secured between the ends thereof, one of said blocks having an opening disposed axially of the body and also having a blade-receiving recess in its inner end whereby the blades are held against outward movement while the reamer is being inserted in the drill hole, the inner end of the other block being formed with opposed blade-expanding cams, a driving shank for the body passing slidably through the aforesaid opening, and a pair of blades pivoted to the inner end of said shank and normally confined between the aforesaid side plates, the free end portions of said blades being engageable with



the aforesaid cams when the shank is forced downwardly, the other ends of said blades being normally seated in the above-named recess.

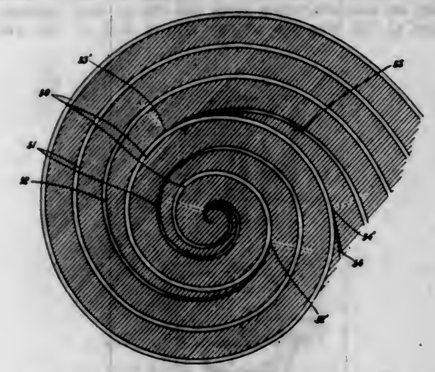
1,621,813. SCREEN FOR REDUCING SECONDARY RADIATION FROM X RAYS. HAROLD S. SAWFORD, Brooklyn, N. Y. Filed Jan. 26, 1924. Serial No. 688,761. 14 Claims. (Cl. 250—34.)



1. A screen for suppressing secondary rays in X-rays comprising a plurality of spirally wound ribbons of material impervious to X-rays, certain of said spirally wound ribbons terminating short of the centre of the screen.

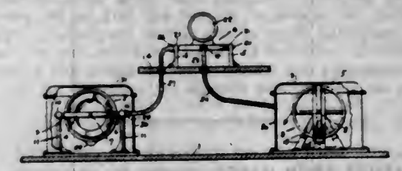
1,621,814. X-RAY SCREEN. HAROLD S. SAWFORD, Brooklyn, N. Y. Filed July 24, 1925. Serial No. 45,734. 23 Claims. (Cl. 250—34.)

1. The method of making an X-ray screen which comprises providing a winding core or templet locating a multiplicity of composite transparent and impervious strips around the templet with their inner ends abutting the same, removing the templet, trimming the inner ends



of said strips to bevel them along a smooth volute curve, and winding in additional composite strips to fill the space vacated by the templet.

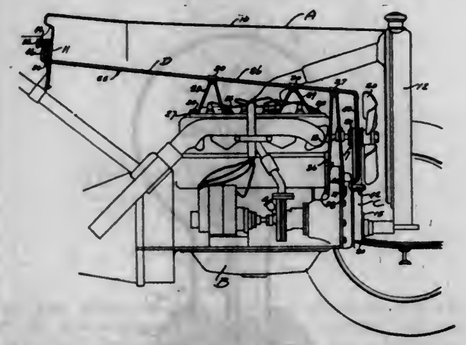
1,621,815. GYROSCOPIC STABILIZER. CASPER E. SCHUELLER, Berkeley, Calif. Filed Aug. 5, 1926. Serial No. 127,460. 5 Claims. (Cl. 74—78.)



1. A gyroscopic stabilizer comprising two gyroscopes pivotally mounted on a support, the supporting pivots of each gyroscope being on a normally horizontal axis at right angles to the axis of the gyroscope, and the axis of the supporting pivots of one gyroscope being at right angles to the axis of the supporting pivots of the other gyroscope; a gimbal consisting of an inner element mounted on a pivotal axis within an outer element and adapted to have an instrument mounted thereon, the outer element being pivotally mounted upon said support on an axis at right angles to the axis of the inner element; a shaft connecting a pivot of one of the gyroscopes with one of the pivots of the inner element of the gimbal; and another shaft connecting one of the pivots of the other gyroscope with one of the pivots of the outer element of the gimbal.

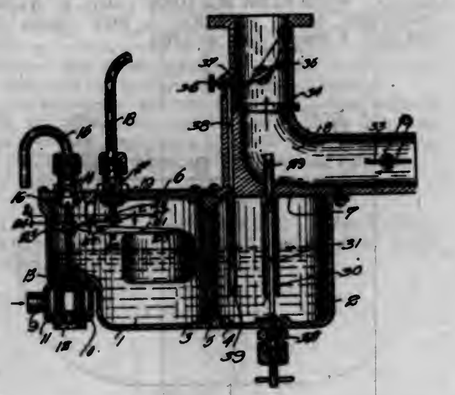
1,621,816. TEMPERATURE REGULATOR. GEORGE E. THORNE, Trenton, N. J. Filed Apr. 17, 1923. Serial No. 632,689. 2 Claims. (Cl. 123—171.)

1. In a temperature regulator for the engines of automobiles the combination with an internal combustion engine including a fan and driving belt therefor, of an operating rod including an elongated straight body portion having a transverse crank off-set at one end thereof, means rotatably supporting the elongated body of the operating rod on a fixed axis longitudinally of the internal combustion engine so that upon oscillative movement of said body portion the crank offset will be moved transversely of the internal combustion engine in a plane parallel with the plane of rotation of the fan belt, the crank offset portion at the free end thereof having a roller adapted to engage at the outer surface of the endless belt, the crank offset being disposed entirely outwardly of the confines of said belt, said body portion of the rod being adapted for extension rearwardly along the automobile to the instrument board thereof, and detent means for mounting on the instrument board of the automobile for positively holding the body portion of the rod in any of a number of positions



whereby the roller on the crank offset of the rod may engage the external surface of the fan belt with a desired pressure to regulate the efficiency of fan speed or whereby the roller may be entirely lifted free of the fan belt and held in such position.

1,621,817. VACUUM FEED SYSTEM. JESSE L. VAN PELT, Pullman, Wash. Filed Aug. 31, 1926. Serial No. 132,841. 2 Claims. (Cl. 158—36.1.)



1. The combination with a vacuum tank having alined, spaced, ports and valve seats therefor and a suction valve seat and port, of a stem having heads thereon forming a gasoline valve and a vent valve for coaction with the alined seats, a valve for the suction valve-seat and a stem thereon, a float having a lever arm pivoted in the tank and co-acting with said headed-stem, a pin in the suction valve-stem for co-action with the lever arm, and a spring plate on said arm for coaction with the last mentioned stem.

1,621,818. METHOD OF SUPPORTING LIFE IN LIVING ORGANISMS IN SEALED CONTAINERS AND DEVICE THEREFOR. RAYMOND H. WALLACE, Livermore, Iowa. Filed June 10, 1926. Serial No. 115,094. 9 Claims. (Cl. 47—38.)

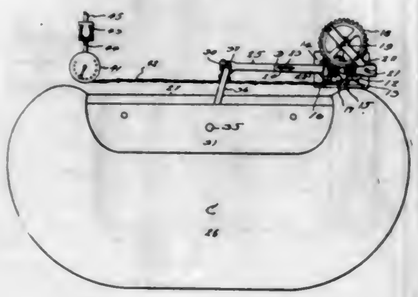
1. The method of supporting plant life in a hermetically closed system which consists in retaining oxygen

and carbon dioxid given off by the plant during photosynthesis and respiration in proximity to the plant to be reabsorbed thereby, and returning metabolic and respiration water to the roots of the plant.



3. A device of the character described comprising a hermetically sealed container, a vertical plant support in said container including a tubular lower stem, and a capillary medium in said stem for returning to the roots of the plant metabolic and respiration water given off by the plant.

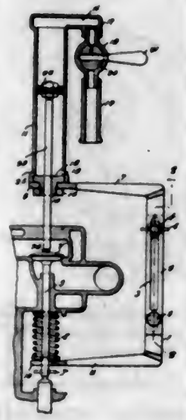
1,621,819. WAVE-BATH MACHINE. JOHN B. WANKO, Sioux City, Iowa. Filed May 1, 1926. Serial No. 106,173. 2 Claims. (Cl. 4—176.)



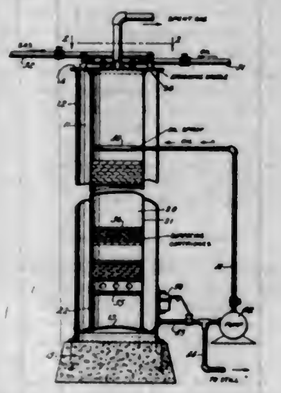
1. In a washing machine, a tub having side walls, a bottom and end walls, a partition spaced from one of the side walls to form a large and small compartment, and having its edges spaced uniformly a slight distance from the bottom and side walls so as to substantially form a complete side wall for the large compartment, and a paddle pivoted in the small compartment, said paddle having a depending portion adapted to swing longitudinally of the tub and to transmit to water in the large compartment longitudinally rocking motion.

1,621,820. VALVE LIFTER. WILLIS L. ALLEN, Nacogdoches, Tex. Filed Nov. 14, 1924. Serial No. 749,986. 1 Claim. (Cl. 29—86.3.)

In a valve lifter, a yoke including longitudinally slotted members arranged side by side and in contact, a bolt carried by each member and extending transversely therethrough and in the slot in the adjoining member, means carried by the bolts for binding the members together, an arm extending from the end of each member, an eye at the free end of one arm, a fork at the free end of the other arm, said arms being offset laterally to position the centers of the eye and fork in the plane of the contacting faces of the slotted members, a cylinder detachably connected to the eye, a piston therein, and a valve-engaging rod connected to the piston and extending from the cylinder and through the center of the eye.

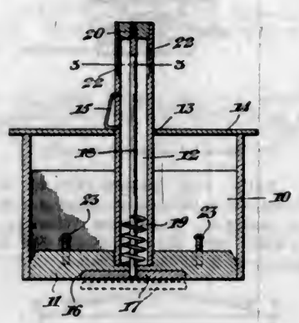


1,621,821. PROCESS OF RECOVERING CONDENSABLE VAPORS FROM GASES. HARRY H. ARMSTRONG, Los Angeles, Calif. Filed July 11, 1923. Serial No. 650,802. 8 Claims. (Cl. 183—114.6.)



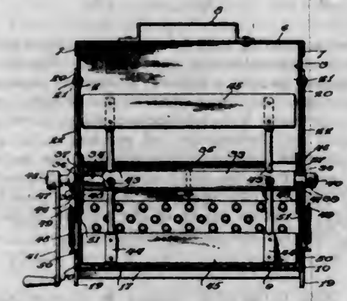
1. A process of recovering condensable vapors from a gas which comprises: atomizing a liquid absorbent agent by means of the gas; allowing the atomized particles of absorbent medium to pass through an enclosed space in intimate contact with said gas; and passing the mixture of gas and atomized particles into a chamber in which said mixture is brought into intimate contact with unatomized liquid absorbent which is circulated through said chamber.

1,621,822. BUTTER MOLD. ALGOTT ARONSON, Vantage, Saskatchewan, Canada. Filed Mar. 10, 1926. Serial No. 93,755. 2 Claims. (Cl. 31—44.)



2. In a device of the character described the combination, with a piston member having a hollow stem, of a spring actuated plunger plate normally held within the piston, a stem for the plunger plate within the piston stem, means on the piston stem for limiting the downward travel of the piston and means in the piston stem and on the plunger stem for closing the piston stem and limiting the downward travel of the plunger, respectively.

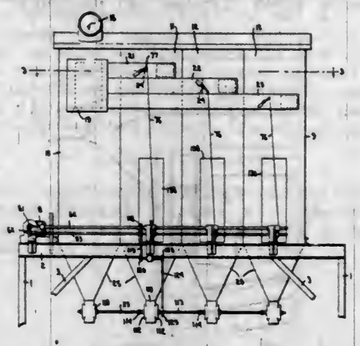
1,621,823. COLANDER. CLAUDE E. AYRES, Axtell, Nebr. Filed Dec. 3, 1925. Serial No. 73,015. 6 Claims. (Cl. 146—174.)



1. A colander comprising a housing having opposed walls and a bottom formed with outlet openings, an operating element in said housing, and bearings to rotatably support said operating element, said bearings being slidably supported by said walls and yieldably held against movement away from said bottom.

1,621,824. DUST ARRESTER. GEORGE A. BOESSER, Cleveland, Ohio, assignor to The W. W. Sly Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 6, 1924. Serial No. 690,902. 17 Claims. (Cl. 183—55.)

1. In a continuous dust arrester, the combination of a settling chamber having a dust-laden air intake, a plurality of screen chambers individually connected to said settling chamber, suction exhaust means connected to said screen chambers, continuous discharge means for said chambers adapted to prevent ingress of air therethrough into said chambers, and means for selectively shutting off the dust-laden air supply to said chambers and for rapping the screens therein to remove the accumulated dust.



1,621,825. INSECTICIDE AND FUNGICIDE. KINNISON S. BOYNTON, Oakland, Calif., assignor, by direct and mesne assignments, to E-Z-Way Co., Oakland, Calif., a Corporation of California. Filed July 25, 1923. Serial No. 653,808. 10 Claims. (Cl. 167—6.)

1. An insecticide formed of sodium sulphide which is melted and to which is added sulphur to form polysulphides of sodium, the mixture is allowed to partly cool and soap is added to form a paste when cold.

6. The method of producing a paste like insecticide which consists of adding sulphur to sulphide of sodium melted in its own water of crystallization to substantial saturation then partly cooling the mixture and then adding soap until the mixture has a paste consistency.

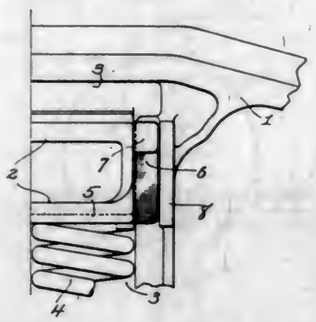
8. An insecticide material formed of sodium sulphide which has been melted and to which sulphur has been added to form polysulphides of sodium and to which soap has been thereafter added and 2% of copper sulphate.

1,621,826. GARMENT ATTACHMENT. PETER T. BURTCHAELL, San Rafael, Calif. Filed Mar. 22, 1926. Serial No. 96,587. 1 Claim. (Cl. 2—250.)



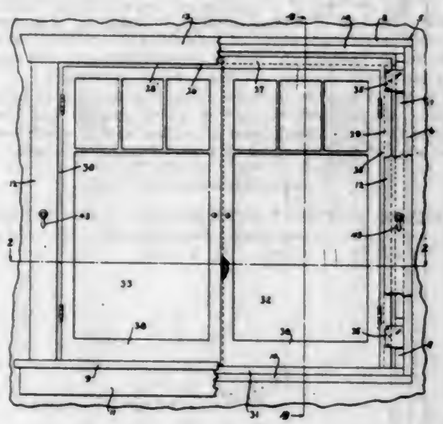
A reinforcing sheath of the class described comprising a body formed of a sheet of stiff and flexible material bent upon itself adjacent to one end to provide oppositely disposed side portions of different widths, said side portions being adapted for receiving between them the marginal portions of the outer wall of the pocket of a garment and conforming in width, substantially to the width of said pocket wall, one of said side portions being provided with upstruck portions for engaging the wall of a pocket when the same is inserted between the side portions, the bent portion of said body being arranged so as to overlie the edge of a pocket wall when the same is inserted between the side portions, and the outer of said side portions being provided with a longitudinal groove and an in-turned edge portion located adjacent to the groove for the purpose described.

1,621,827. CAR TRUCK. SAMUEL PRESCOTT BUSH, Columbus, Ohio, assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Filed Dec. 7, 1925. Serial No. 73,895. 2 Claims. (Cl. 105—207.)



1. In a car truck, the combination of a side frame, a bolster engaged therethrough and provided on its side with a lug in spaced relation to the side frame, a key extending beneath the bolster and having an upstanding terminal portion fitting between the side frame and the lug on the bolster, and a guard carried by the side frame and extending over the terminal of the key to hold it to the bolster.

1,621,828. WINDOW-SASH CONSTRUCTION. DAVID R. CANNY, Los Angeles, Calif. Filed May 10, 1926. Serial No. 107,877. 3 Claims. (Cl. 20—53.)



1. In swinging window sash construction, a window frame of usual form including inner and outer sills and top and side guide ways, an auxiliary frame mounted in the guide ways to move vertically and laterally, a swinging sash hingedly secured to said auxiliary frame, said sash when in closed position being locked by the main window frame against movement, and means for moving the auxiliary frame vertically and laterally to disengage the sash from the window frame to permit the same to swing clear of the main and auxiliary frames.

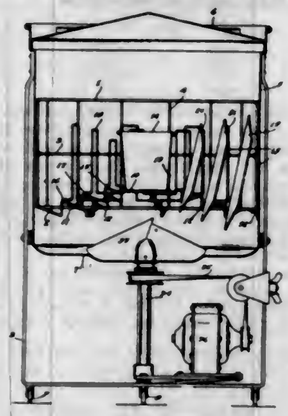
1,621,829. COMBINATION JACK AND PULLER. HJALMAR CARLSON, Duluth, Minn. Filed Mar. 15, 1926. Serial No. 94,641. 1 Claim. (Cl. 254—166.)

A pulling device of the character described comprising a driving shaft carrying spaced gears thereupon, a shaft carrying a drum and gear the latter optionally engageable with either of the spaced gears, a pulling cable about the drum and extendible in opposite directions, and



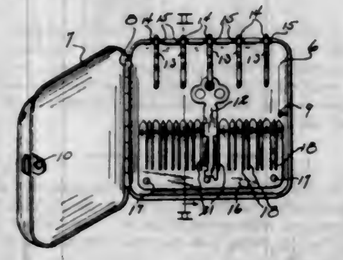
means whereby the pull exerted upon the cable when the device is in action will hold the cooperative gears in mesh.

1,621,830. RACK FOR DISHWASHING MACHINES. GUY S. CLARKSON, Winnipeg, Manitoba, Canada, assignor to David R. Finkelstein, Winnipeg, Manitoba, Canada. Filed Sept. 25, 1923, Serial No. 664,762, and in Canada Aug. 2, 1923. 4 Claims. (Cl. 141—9.)



1. A plate supporting rack having spaced, upwardly inclining, plate supporting rods and with the rods bent to present opposing pockets contained in vertical planes and adapted to receive the lower edges of the standing plates with the lower edge of each plate resting in two adjacent pockets and having the rod portions forming the pockets inclined to cant the upper edges of the plates in a direction away from the upper ends of the rods and upstanding stationary arms interposed between adjacent rods and engaging the upper edges of the several plates and supporting them in their canted position.

1,621,831. KEY COMPACT. HENRY M. COLVIN, Kansas City, Mo. Filed May 22, 1926. Serial No. 110,942. 5 Claims. (Cl. 59—96.)
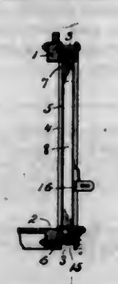


1. A key compact of the class described comprising a back and cover member hingedly attached along one side to form a hollow casing, a plurality of key carrying hooks pivotally carried by said back member along its upper edge, a slot plate carried within said casing and adjustable clips carried by said plate for engaging each key carried by said plurality of hooks.

1,621,832. GRID LEAK. JAMES CONNERS, Crescent City, Calif. Filed June 29, 1926. Serial No. 119,339. 1 Claim. (Cl. 201—76.)



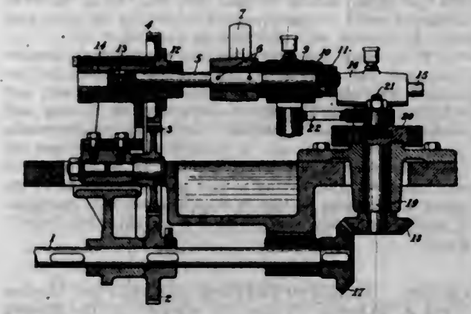
A grid leak comprising an elongated cylinder of non-conducting material containing a solution of mercury, nitric acid and distilled water and hollow spherical caps of conducting material hermetically sealing the ends of the cylinder.

1,621,833. CAR-DOOR MECHANISM. CHARLES HOWARD CRANE, Kansas City, Mo. Filed May 11, 1925. Serial No. 29,636. 5 Claims. (Cl. 20—21.)



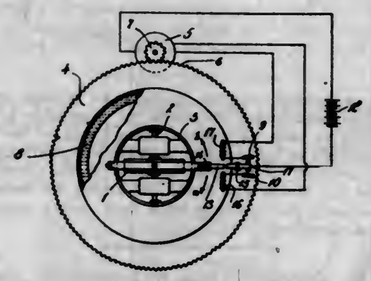
1. In a car door mechanism, a car body having a doorway, a door frame fastened to said car body and having a horizontal upwardly facing channel, a door movable in said channel to and from a position closing said doorway, and a door sill having a portion movable to and from a position extending across said channel to cover the latter and in the path of said door.

1,621,834. CUTTING DEVICE FOR CIGARETTE MACHINES. ETIENNE DANCHE, Paris, France, assignor to Société Anonyme des Usines A. E. Decouflé, Paris, France. Filed Nov. 10, 1925, Serial No. 68,206, and in France Jan. 8, 1925. 1 Claim. (Cl. 131—37.)



In a device for cutting off the cigarette roll which is discharged at a given speed from a cigarette machine, the combination of a slide having a reciprocating motion, the said motion being parallel with the motion of the cigarette roll and its speed being equal to that of the said roll, the said slide containing at least one rapidly rotating knife, a rotatable shaft mounted on the said slide and adapted to follow the reciprocating motion of the slide, a driving sleeve in which the said shaft is disposed, means connecting the shaft with the said sleeve whereby the shaft may slide within the sleeve and may also be rotated by the latter, a support whereon the said sleeve is mounted and which prevents the lengthwise sliding of the said sleeve, a rotatable driving shaft, and means for driving the said sleeve from said driving shaft.

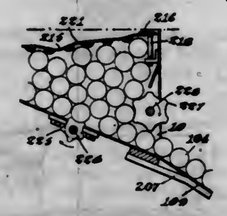
1,621,835. ELECTRICAL CONTACT DEVICE FOR FOLLOW-UP SYSTEMS. ARTHUR P. DAVIS, Brooklyn, N. Y. Filed Jan. 9, 1923. Serial No. 611,680. 7 Claims. (Cl. 33—204.)



1. In a system of the type described, the combination of a controlling element, a controlled element, an electrical contact device carried by said controlled element, means for moving said controlled element, responsive to the action of said contact device, and magnetic means associated with said controlling element for actuating said contact device, said means being incapable of transmitting mechanical vibrations from said controlling element to said contact device.

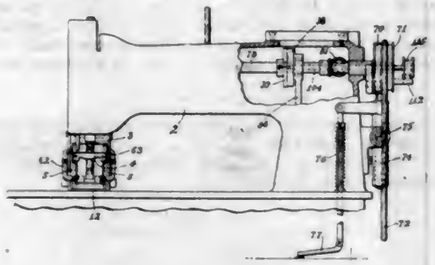
3. In a system of the type described, the combination of a controlling element, a controlled element, an electrical contact device carried by said controlled element, means associated with said controlling element for exerting a force on said contact device to actuate the same, and means for neutralising the reaction on said controlling element, of said actuating means.

1,621,836. BOBBIN MAGAZINE. WILLIAM FLETT, Wakefield, Mass., assignor to Lawrence Duck Company, Lawrence, Mass., a Corporation of Massachusetts. Original application filed Mar. 28, 1921, Serial No. 456,814. Divided and this application filed Apr. 18, 1922. Serial No. 555,095. 19 Claims. (Cl. 139—245.)



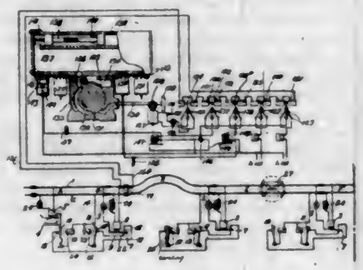
1. A bobbin-magazine having a bottom on which filled bobbins may roll, and having a discharge opening through which a series of bobbins may pass while resting on said bottom, means arranged to urge the bobbins toward said opening, and means arranged to clear the bobbins of the lowest course and act on one or more other bobbins so as to urge them away from said opening.

1,621,837. LABEL-SEWING MACHINE. PERCY W. HATFIELD, Wakefield, Mass., assignor to Winship, Bolt & Co., Wakefield, Mass., a Copartnership consisting of Charles N. Winship and Elizabeth S. Bolt. Filed Apr. 17, 1922. Serial No. 553,433. 16 Claims. (Cl. 112—104.)



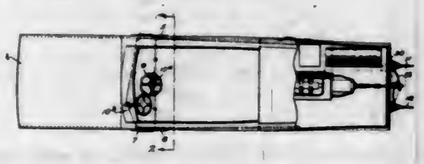
1. In a sewing machine having two needles spaced apart, the combination of means for presenting a label in position to have its opposite edges sewed to the work simultaneously by said needles, mechanism for causing said needles to make overlapping stitches at the start and finish of the sewing operation, and means for automatically stopping the machine when said sewing operation has been completed.

1,621,838. AUTOMATIC RAILWAY CONTROL. GEORGE M. B. HAWLEY, Geneva, N. Y. Filed Jan. 9, 1918. Serial No. 211,061. 23 Claims. (Cl. 246—41.)



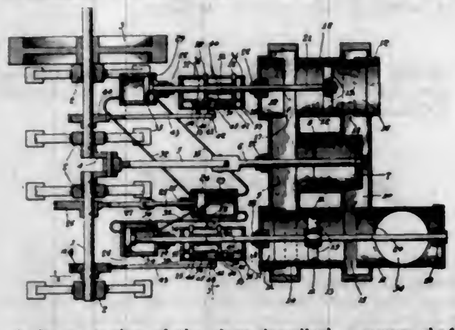
1. A railway system having normally inoperative means for producing a predetermined speed mechanically tuned, means controlled by pulsating current for releasing said first means, and a block having a source of pulsating current of a frequency to actuate said tuned means for controlling said release upon entry of the train into the block.

1,621,839. BOAT. WILLIAM ALBERT HICKMAN, West Mystic, Conn. Filed Jan. 10, 1923. Serial No. 611,889. 10 Claims. (Cl. 114—66.5.)



2. A boat having a hull presenting inverted V-bottom sections broadening aft and rudders pivoted to the sides of the bow on axes, the upper ends of which are nearer the bow than the lower ends, said rudders adapted to swing over board.

1,621,840. HYDRAULIC ENGINE. HOKON HOXOSS, Chicago, Ill. Filed July 28, 1922. Serial No. 578,204. 2 Claims. (Cl. 121—124.)



1. In an engine of the class described, a power shaft, a power cylinder having inlet ports and outlet ports, a power piston therein and operatively connected to said power shaft, valves for controlling said inlet and outlet ports, fluid pressure means for actuating said valves in opposite directions, controlling means for retaining said valves in a predetermined position against said pressure, and means actuated by said power shaft when said piston is on dead center for actuating said controlling means for releasing said valves.

1,621,841. CAMP BED. ROBERT CLYDE JOHNSTON and JAMES ROYDEN ESTEY, Vancouver, British Columbia, Canada. Filed Apr. 11, 1923, Serial No. 631,386, and in Canada Sept. 2, 1922. 5 Claims. (Cl. 5—114.)

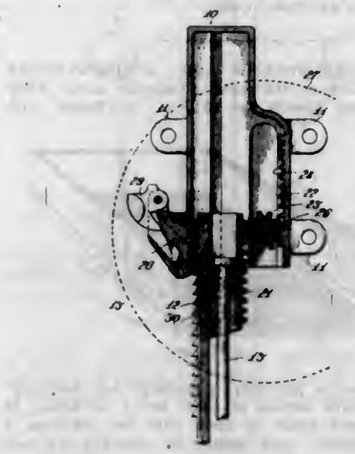


3. In a camp bed, a longitudinal rail, an end rail resting on said longitudinal rail, means connecting said end rail to said longitudinal rail, a leg pivotally connected to the end of said longitudinal rail to fold alongside said rail or to turn down at right angles thereto, said leg having a portion projecting upwardly above the longitudinal rail and alongside the end rail when in the latter position and adapted to engage said end rail to limit the turning movement and prevent lateral movement of the leg, and adjustable fastening means connected to said end rail and adapted to engage the upper end of said legs to pull the same inward longitudinally, the point of connection of said fastening means to the end rail being laterally within its point of engagement with the leg, so as to also exert an inward pull laterally on said leg.

4. In a camp bed, an extensible longitudinal member comprising rail sections slidingly connected together, releasable latch means for automatically securing said rail sections in extended position, and means for moving said sections to extended position comprising longitudinally spaced apertures in one of said rail sections and an operating lever having a lug adapted to fit any one of said apertures and having a cam portion adapted to engage the other rail section in such manner that operation of said lever causes said sections to be extended longitudinally.

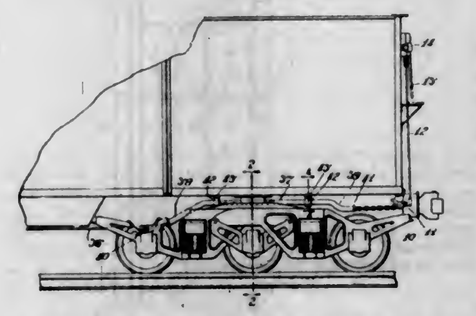
1,621,842. BRAKE-OPERATING APPARATUS. AUGUSTUS F. KLASING, Chicago, Ill., assignor to The Klasing Car Brake Company, a Corporation of Colorado. Filed Feb. 1, 1922. Serial No. 533,268. 4 Claims. (Cl. 74—119.)

1. Brake operating apparatus comprising a frame, a hand wheel rotatably mounted on said frame on a vertically movable horizontally disposed axis, means adapted upon the rotation of said hand wheel in one direction to



give the wheel a vertical movement, and brake operating means actuated by the vertical movement of said hand wheel.

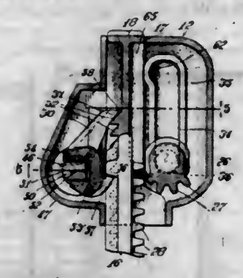
1,621,843. BRAKE MECHANISM. AUGUSTUS F. KLASING, Chicago, Ill., assignor to The Klasing Car Brake Company, a Corporation of Colorado. Filed Jan. 22, 1923. Serial No. 614,199. 3 Claims. (Cl. 188—33.)



1. The combination with the body and trucks of a railway car, of a brake setting device on the end of the car, a flat bar bent edgewise into the form of an arch operatively connected at one end to said brake setting device, means engaging the intermediate portion of the bar for holding it slidably in position over the truck at one end of the car, and means operatively connecting the other end of said arched bar with the brake rigging for applying the brakes.

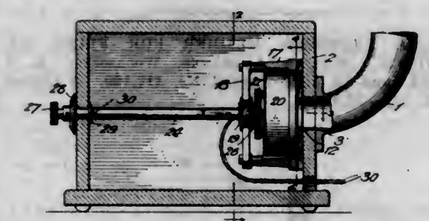
1,621,844. CAR BRAKE. AUGUSTUS F. KLASING, Chicago, Ill., assignor to The Klasing Car Brake Company, a Corporation of Colorado. Filed Mar. 1, 1923. Serial No. 622,009. 13 Claims. (Cl. 74—110.)

1. In a mechanism for manipulating brakes of a railway car, the combination of a housing having a side wall provided with an opening for the passage of a pinion, a rack bar slidably mounted within the housing upon one side of said opening and being provided at one end of its teeth with a longitudinally extending obstructing portion, a mutilated pinion adapted to be passed into the housing through said opening and to engage with the teeth of the rack bar, the longitudinal obstructing element being adapted to prevent the movement of the



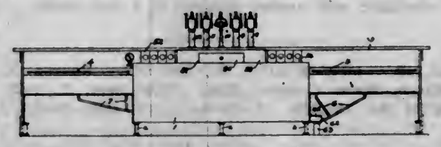
pinion in a direction to permit of its withdrawal through said opening, means for turning said pinion and brake mechanism actuated by the movement of said rack bar.

1,621,845. LOUD-SPEAKING TELEPHONE RECEIVER. HENRY KOCH, Jamaica, N. Y., assignor to Dictograph Products Corporation, a Corporation of Virginia. Filed Mar. 30, 1923. Serial No. 628,709. 11 Claims. (Cl. 179—115.)



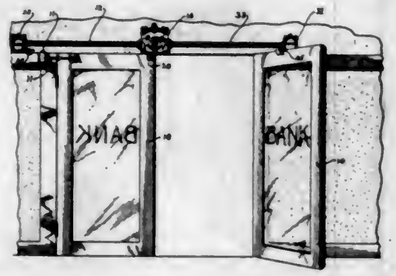
1. A telephone receiver comprising a diaphragm support, a diaphragm mounted therein, an electromagnetic device mounted for rotation relative to said diaphragm support, a screw threaded connection between the diaphragm support and the electromagnetic device whereby upon rotation of the electromagnetic device the diaphragm and said device will be relatively adjusted toward or from each other, axially rotatable actuating means, and gear connections between said means and said electromagnetic device whereby axial rotation of said means effects rotation of the electromagnetic device.

1,621,846. SODA FOUNTAIN. HARRY J. MCCUE, Cleveland, Ohio, assignor to The H. J. McCue Company, a Corporation of Ohio. Filed Mar. 25, 1921. Serial No. 455,379. 6 Claims. (Cl. 225—29.)



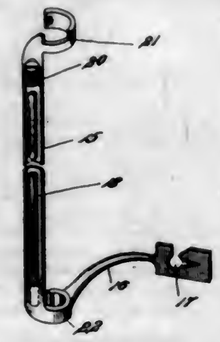
1. A soda fountain cabinet comprising a housing for fluid dispensing apparatus and a cold storage supply space open at its top, said cabinet being provided with interior partition walls, dividing the same into a plurality of chambers, and passage ways for cooling fluids connecting said chambers, said passage ways being spaced above the floor of such chambers to retain predetermined amounts of said cooling fluids in contact with the walls of said compartments, said partition walls and the other walls of said cabinet being formed integral with each other in one monolithic block.

1,621,847. AUTOMATIC DOOR CLOSING AND LOCKING MEANS. JAMES B. MCCUTCHEN, Bakersfield, Calif. Filed Sept. 3, 1924. Serial No. 735,558. 7 Claims. (Cl. 70—50.)



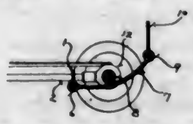
1. In a device of the class described, a door pivoted to swing about a vertical axis, means to hold said door open, means to close said door when open, means to release said holding means, a latch independent of said door holding means for holding said door closed, the operation of said releasing means serving to move said latch to operative position.

1,621,848. PRESSER MEMBER FOR FLIER MACHINES. WILLIAM J. MAHER, Woonsocket, R. I. Filed June 19, 1926. Serial No. 117,189. 4 Claims. (Cl. 118—57.)



1. A presser member for a flier frame comprising a hollow shank, a foot portion attached thereto, weighting means in said hollow shank adapted to be varied to regulate the effective weight of the presser, and means for attaching said presser member to a flier frame.

1,621,849. AUTOMOBILE ACCESSORY. ROBERT A. MAYER, Hales Corners, Wis. Filed Sept. 2, 1926. Serial No. 133,206. 3 Claims. (Cl. 280—33.44.)



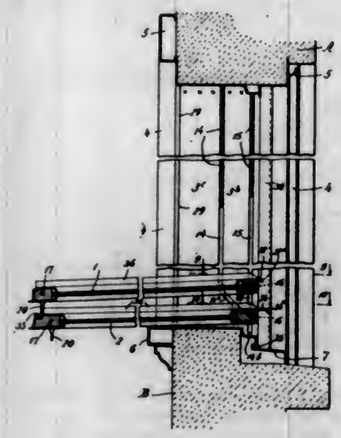
1. A device for use in towing automobiles comprising a pair of rods adapted to be placed beneath the axle of an automobile, said rods having inner eyeleted ends provided with means for engaging over a portion of the automobile and having upwardly extending outer eyeleted ends, a U-shaped member adapted to receive the hook of a hoist and joining the outer eyeleted ends of said rods, said rods being arched downwardly between the inner and outer ends.

1,621,850. GREENHOUSE OR CONSERVATORY BENCH. RAPHAEL METTETAL, Plymouth, Mich. Filed Aug. 27, 1926. Serial No. 131,849. 6 Claims. (Cl. 47—18.)



1. In a bench, a platform; a metallic rail surrounding said platform formed of sheet metal consisting of two walls spaced apart to form with the platform a closed air chamber; and means for securing the rail to said platform.

1,621,851. TILTING-SASH WINDOW. FRANK W. MINICH, Port Washington, N. Y. Filed Apr. 28, 1923. Serial No. 635,250. 3 Claims. (Cl. 20—42.)

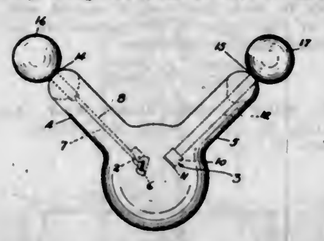


1. In a multiple tilting-sash window-construction, the combination of a plurality of sash having respectively pins at the top and bottom projecting from their sides, the top pins being retractable at will; and a window frame whose sides are each provided with adjacent inner and outer vertically extending guides for the pins of said sash, the lower part of each inner guide inclining downwardly and outwardly and terminating under the lower end of the adjacent outer guide but without communicating therewith.

1,621,852. X-RAY TUBE. MONTFORD MORRISON, New York, N. Y. Filed Mar. 1, 1922. Serial No. 540,141. 4 Claims. (Cl. 250—35.)

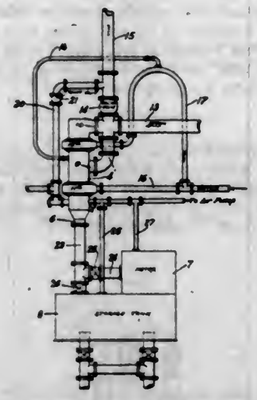
1. An X-ray tube comprising an evacuated envelope consisting of a main chamber provided with anxiliary

extensions therefrom of substantially equal length, with approximately 90° therebetween, electrodes extending approximately along the axes of the extensions, con-



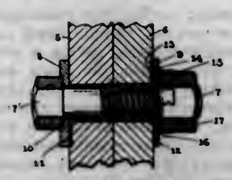
verging toward each other and each provided with an external, substantially spherical, terminal of large size, for avoiding corona effects therebetween.

1,621,853. WATER-HEATING SYSTEM. JAMES A. POWELL, Reading, Pa. Filed June 27, 1922. Serial No. 571,267. 8 Claims. (Cl. 261—118.)



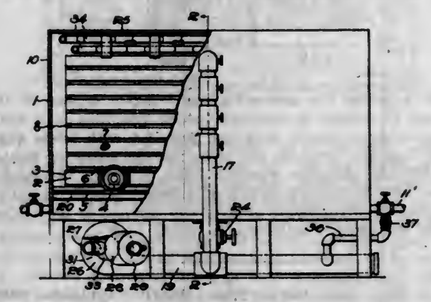
1. A jet type water heater including a casing provided with a steam inlet port, an air offtake port, separate series of spray nozzles arranged to deliver a water spray between said ports and separate inlets for said series of nozzles arranged so as to deliver water to one series under all conditions of water flow and to deliver water in excess of the capacity of said series of nozzles to the other series.

1,621,854. BOLT-LOCKING MEANS. MARTIN SALOUN, Milwaukee, Wis. Filed Sept. 28, 1922. Serial No. 590,074. 2 Claims. (Cl. 151—53.)



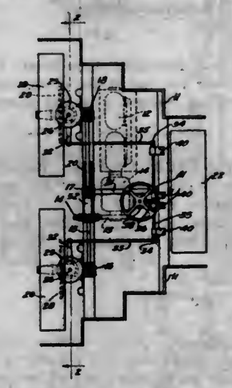
1. The combination with a bolt having a nut threaded thereon, of a locking means therefor, comprising a washer member mounted on the bolt adjacent the nut and having equi-spaced radial biting ribs on its inner side and radial grooves in its outer side which extend from the washer opening to the periphery of the washer, and an independent locking washer mounted on the bolt between the washer member and the nut and having correspondingly spaced radial ribs on its inner side which enter the radial grooves of the washer member, the nut being freely turnable with relation to the washer and the locking washer also having bendable ears which bear against all of the side portions of the nut when said nut is in adjusted position to prevent turning of the nut.

1,621,855. APPARATUS FOR DRYING. FREDERICK A. SECORD, Portland, Me. Filed Oct. 30, 1919, Serial No. 334,478. Renewed Aug. 12, 1926. 24 Claims. (Cl. 34—46.)



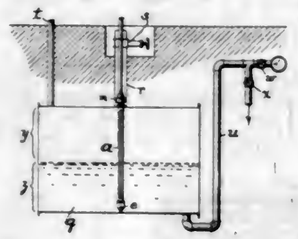
1. A drying apparatus having, in combination, a casing for the material to be dried, means to transmit heat to said material, means to supply to said casing a drying medium having a relatively lower temperature than said material to effect the vaporization of moisture on said material and means to increase the temperature of said moisture-laden medium above the critical zone of the drying operations to facilitate the removal of said moisture from said casing.

1,621,856. THREE-WHEELED TRACTOR. ISHAM SEDGWICK, Riverside, Calif. Filed Nov. 20, 1922. Serial No. 602,159. 3 Claims. (Cl. 180—25.)



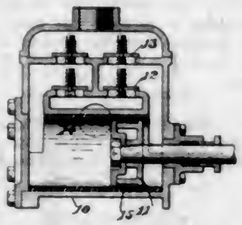
1. In a triple drive tractor, the combination of: a frame; a single wheel on one side of said frame; a pair of tandem wheels on the other side of said frame; a longitudinal shaft for driving said pair of tandem wheels; gears at the ends of said longitudinal shaft through which power may be transmitted to said tandem wheels; a lateral shaft for driving said single wheel; an engine mounted in said frame; and means for differentially driving said longitudinal and said lateral shafts from said engine, said driving means including: a gear on said lateral shaft, a sleeve on said longitudinal shaft, means on said sleeve for rotating said gear on said lateral shaft, and a differential having one major gear thereof mounted upon said sleeve and the other major gear mounted upon said longitudinal shaft.

1,621,857. AUTOMATIC TANK GAUGE. THEOPHILUS A. SERAPHIN, Philadelphia, Pa. Filed Apr. 7, 1923. Serial No. 630,550. 5 Claims. (Cl. 73—120.)



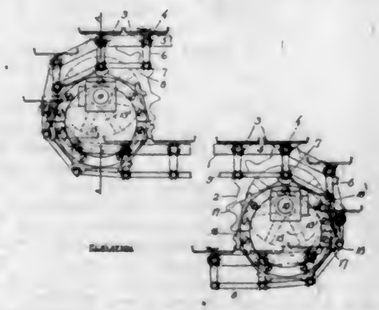
3. A gauge for measuring the relative depths of the strata of liquids of different specific gravities in a tank, comprising a hollow body and provided with inlets adjacent opposite ends of the body for the entry of liquids of different gravities whereby, when the gauge is inserted in a tank containing liquids of different specific gravities, the liquids of different gravity will assume in the hollow body the same relationship as in the tank.

1,621,858. RECIPROCATING PUMP. CHARLES FREDERIC SHERWOOD, San Francisco, Calif. Filed Jan. 19, 1921, Serial No. 438,355. Renewed Mar. 25, 1926. 4 Claims. (Cl. 74—108.)



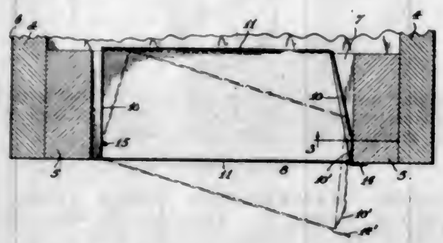
1. A liquid pump including a cylinder, a reciprocating piston and a lining for the walls of the cylinder formed of rubber for sliding contact with the piston.

1,621,859. CONVEYER CHAIN. EARL P. WEBSTER, Niagara Falls, N. Y., assignor to The Shredded Wheat Company, Niagara Falls, N. Y., a Corporation of New York. Filed Apr. 12, 1922, Serial No. 552,037. Renewed Feb. 15, 1926. 4 Claims. (Cl. 198—138.)



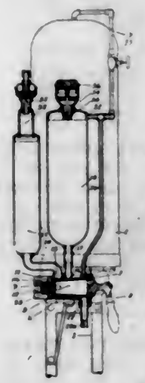
1. In a conveyer, an endless conveyer chain having end sprockets, trays carried by said chain, and means for maintaining said trays in horizontal position including crank extensions of the pivots of the links of said chain, and a supplementary chain having pivot studs mounted at the outer ends of said crank extensions, the links of the supplementary chain embodying means acting independently to limit the pivotal movement thereof towards each other in both directions in accord with the arcs assumed by the chains in the passage of the conveyer chain around said end sprockets.

1,621,860. BOLT BOARD. ALBERT WOLF, Canton, Ohio. Filed July 20, 1926. Serial No. 123,700. 4 Claims. (Cl. 206—50.)



2. A receptacle for sample pieces of fabric adapted to be pivotally mounted in an end recess in a bolt-board for said fabric, said receptacle being made from a single blank of sheet material, said blank including an end wall bent laterally to form a bow-spring element.

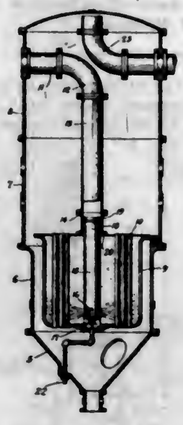
1,621,861. DISPENSING DEVICE. GROVER H. WOODS and ADAM B. DENISON, Cleveland, Ohio, and WILLIAM A. WILEY, Erie, Pa., assignors to American Sterilizer Company, Erie, Pa., a Corporation of Pennsylvania. Filed Mar. 31, 1923. Serial No. 628,967. 11 Claims. (Cl. 221—107.)



1. In a dispensing device, the combination of a concentrate liquid receptacle; a dilute liquid tank; a mixing chamber; a measuring device having a measuring space therein; connections between the dilute liquid tank and the measuring device, between the measuring device and the mixing chamber, and between the tank and the measuring device; and valve mechanism controlling said connections to throw the receptacle and measuring device into communication and to close such connection and open connection between the measuring device, mixing chamber and tank.

1,621,862. EVAPORATOR. CHARLES W. AIKEN, Brooklyn, N. Y. Filed Apr. 5, 1923. Serial No. 629,980. 5 Claims. (Cl. 159—27.)

1. An evaporator comprising, a reservoir for the liquid to be treated, a steam drum in the lower end thereof, a steam conduit connected to the upper head of said drum, a steam nozzle telescopically mounted in the lower end of



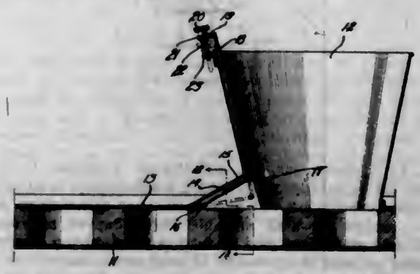
said conduit and having its discharge end extending into the lower part of said drum, and a support for the discharge end of said nozzle.

1,621,863. METHOD OF MARKING SHREDDED WHEAT BISCUIT. GEORGE M. ANDERSON, Washington, D. C., assignor to The Shredded Wheat Company, a Corporation of New York. Filed May 17, 1918, Serial No. 235,144. Renewed Aug. 3, 1926. 1 Claim. (Cl. 99—11.)



A method of making and simultaneously distinctively marking shredded cereal biscuit, consisting in laying down superposed bands of shredded cereal to form a composite band of the proper thickness, treating cereal material with a coloring agent and laying down from the same a distinctively colored top band upon said composite band and finally dividing the composite band and said top band transversely to form biscuit.

1,621,864. CAN-FILLING MACHINE. CHARLES H. AYARS, Salem, N. J., assignor to Ayars Machine Company, Salem, N. J. Filed Apr. 1, 1922. Serial No. 548,564. 2 Claims. (Cl. 226—102.)



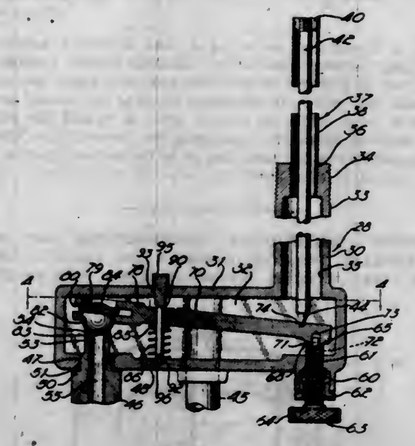
1. In a can filling machine, the combination with a turret provided with measuring receptacles; a hopper; an extension leading from the hopper and extending over the path of travel of the measuring receptacles; and an inclined pressure plate against which the materials are forced by rotation of the turret and thereby forced into the measuring receptacles without being crushed.

1,621,865. TRAVELER'S CHECK. JOHN T. BACON, Williamsport, Pa. Filed June 15, 1926. Serial No. 116,067. 4 Claims. (Cl. 283—6.)



1. A check including a body part provided with a space appropriately designated for the signature of the payee; a concealing stub integral with said part and having a space appropriately designated for the payee's signature, a space on the body of said check appropriately designated to receive a light re-acting chemical, said stub being partially scored and thereby adapted to be folded to conceal the signature and said chemical, and means for fastening the folded stub to the body part.

1,621,866. QUICK-THROW THERMOSTAT VALVE. WILLIAM B. BASTIAN, Los Angeles, Calif. Filed May 11, 1926. Serial No. 108,248. 10 Claims. (Cl. 236—48.)

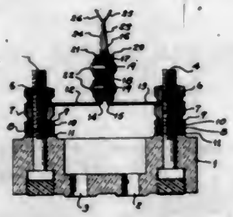


1. In a quick throw valve, the combination of: a spherical valve member; a valve seat upon which said member is adapted to rest; means for limiting the movement of said member from said seat; a garter spring disposed about said member; and means for shifting said garter spring towards and away from said valve seat.

1,621,867. TESTING JACK. JOHN A. BEODDY, Roanoke, Va. Filed Mar. 5, 1924. Serial No. 696,967. 1 Claim. (Cl. 200—2.)

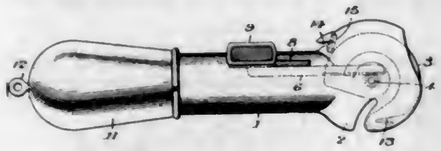
In a testing jack, an insulating support, a pair of spaced binding posts thereon, each of said binding posts having means for securing electrical conductors, a pair of conductor strips each secured to a respective binding post and each consisting of a free portion extending toward the opposite binding post and an outwardly directed resilient bowed portion substantially at right

angles to the first portion, said first portions being alined and spaced from each other at their inner ends, said bowed portions contacting adjacent their ends to form the



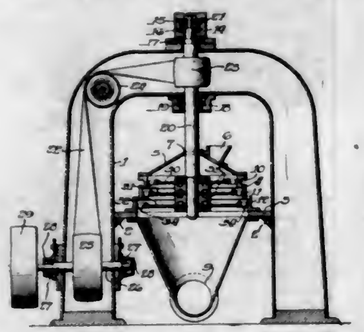
jaws of the jack, and an insulating block between the bowed portions adjacent the inner ends of the first portions and having the bowed portions secured thereto.

1,621,868. THREAD TIER. HARRY BOEDKER, Plymouth, N. C., assignor of twenty-seven-and-one-half one-hundredths to W. H. Lowe, Kilmarnock, Va., and twenty-seven-and-one-half one-hundredths to R. W. Lowe, Chester, Va. Filed Sept. 22, 1924. Serial No. 739,115. 9 Claims. (Cl. 289—17.)



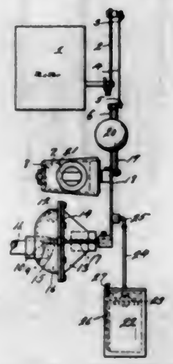
8. A thread tier including a head having a notch at one edge, a lever pivoted in the head having a hook at the free end and a slot curved inwardly from the hook around the pivot, in position to clear the inner ends of said notch while the hooked lever is closing the outer end thereof, means for springing the lever in one direction, and means for returning it to its normal position in the formation of a knot.

1,621,869. METHOD OF GRANULATING DRY MATERIALS. FRANK L. BRYANT, Joliet, Ill. Filed July 12, 1924. Serial No. 725,548. 2 Claims. (Cl. 83—11.)



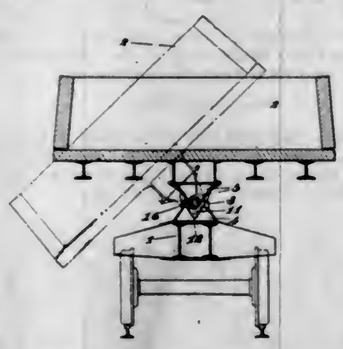
1. The method of granulating materials by impact without substantial attrition or excessive heating, which consists in placing all of the particles thereof in suspension and feeding the same downwardly through successive annular granulating zones, and while in suspension imparting to them a succession of impact blows at different horizontal planes while constricting the material to move in substantially a vertical path through the granulating zones, causing said blows to be delivered with successively increasing force during the gravitation of said particles until the material is reduced to a substantially uniform degree of fineness, and causing a substantially free passage of the material throughout the granulating zones and annular final discharge.

1,621,870. VALVE-CONTROLLING MECHANISM. RANDOLPH J. BUEHLER, South Bend, Ind. Filed Apr. 5, 1924. Serial No. 704,530. 2 Claims. (Cl. 137—144.)



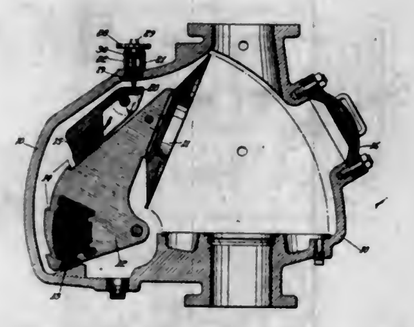
1. A valve combination comprising a rotatable plug valve having a port transversely therethrough, a rotatable threaded valve stem axially movable, a valve carried by said valve stem, said valve cooperating with a valve seat and means connecting said plug valve and threaded valve stem, said last named means and threaded valve stem forming means whereby when the plug valve is in full open position the valve carried by the threaded valve stem will unseat.

1,621,871. DUMP CAR. WILLIAM L. BURNER, Koppel, and OSCAR E. KANTENWEIN, New Castle, Pa., assignors to Koppel Industrial Car and Equipment Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 11, 1924. Serial No. 737,028. 8 Claims. (Cl. 105—270.)



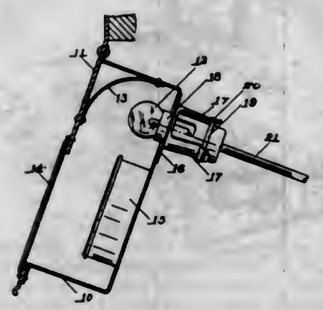
1. In a dump car, an underframe, a tilting body, a hinge for said body comprising a stationary part attached to said underframe and a movable part attached to said body, means on said movable part adapted to engage with said stationary part to form a pivot during a partial tipping of said body, means on said parts adapted to cooperate to move said first mentioned means out of its pivotal position during the rest of the tipping movement of said body, and means for preventing the separation of said parts.

1,621,872. LATCH-RELEASING DEVICE FOR DRY PIPE VALVES. HJALMAR G. CARLSON, Worcester, Mass., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass., a Corporation of Massachusetts. Filed Feb. 4, 1926. Serial No. 86,073. 4 Claims. (Cl. 196—22.)



1. In a dry pipe valve, the combination with the valve, a lever connected with it and having ratchet teeth on its surface, and a pivoted gravity latch, the long arm of which engages said teeth to prevent the accidental closing of the valve, of means extending through the valve casing for engaging the short end of the latch and swinging it into a position in which the long end of the latch is out of contact with the lever.

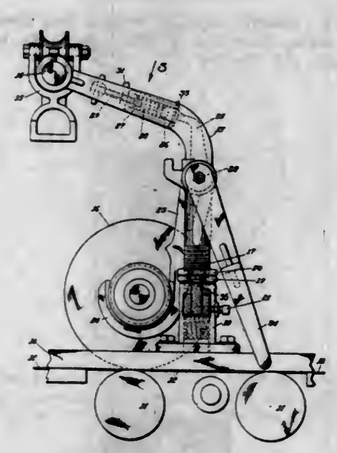
1,621,873. SUPPORT FOR CONCEALED DASH LAMPS. CARL H. CULVER, Detroit, Mich., assignor to Culver Stearns Manufacturing Company, Worcester, Mass., a Corporation of Massachusetts. Filed Apr. 17, 1926. Serial No. 102,776. 1 Claim. (Cl. 240—8.16.)



The combination with an automobile—, a casing set therein, a lamp in the casing, a reflector curved around the lamp for concealing it and directing its rays in one direction, and a transparent cover at one side of the reflector permanently mounted on the dash, of means at the back of the casing behind the reflector for holding a lamp in a position to be concealed by the reflector and arranged to receive the lamp and its socket from the rear.

1,621,874. DANDY-ROLL SUPPORT FOR PAPER MACHINES. ERNEST N. DAULTON, Fitchburg, Mass. Filed Nov. 27, 1925. Serial No. 71,676. 5 Claims. (Cl. 92—48.)

1. In a paper machine, a wire apron, a dandy roll, bearings for said roll, a pair of arms on which said bearings are mounted and by which said roll is entirely supported and positioned above said apron, said arms being pivotally mounted, springs effective to apply yielding pressure to said arms to partially counterbalance said

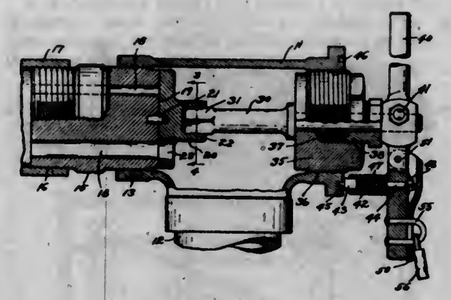


roll and tending to swing said roll away from said apron, means to adjust the tension of said roll, and means to swing said arms simultaneously to lift said roll from said apron.

1,621,875. FERTILIZER. EDUARD DEDOLPH, Hedley, British Columbia, Canada. Filed May 29, 1925, Serial No. 33,647, and in Canada June 5, 1924. 3 Claims. (Cl. 71—9.)

1. A fertilizer for application to the soil of fields in which crops are grown, comprising an intimate mixture of finely divided limerock and sulphur.

1,621,876. FLOW NIPPLE. LOUIS H. DOMER, Ventura, Calif. Filed June 2, 1924. Serial No. 717,246. 9 Claims. (Cl. 137—75.)



1. In a flow line device for a following well, the combination of: a hollow body constituting a valve chamber having an inlet through which to receive fluid under pressure and provided with an outlet opening; a rigid flow nipple secured in said opening in fixed relation to said body and having a plurality of orifices of different relative diameters through which fluid may be discharged from said valve chamber, said body and nipple being

adapted to be incorporated in and form a fixed portion of a flow line; and valve means within said chamber and freely operable in relation to said fixed body and nipple to close all but one of said orifices.

1,621,877. VENEER WALL. JOHN J. FITZ GERALD, Medford, Mass. Filed Feb. 6, 1926. Serial No. 86,528. 2 Claims. (Cl. 72—101.)





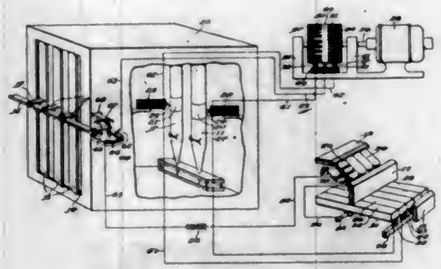
1. An undercut slot shell for use in making undercut slots in building construction comprising a body formed with an undercut slot, a filler strip for closing the slot opening removably attached to the body, and end caps for the slot.

1,621,878. SYSTEM OF GUIDE LIGHTS. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Feb. 26, 1920, Serial No. 361,408. Renewed May 5, 1923. 2 Claims. (Cl. 114—21.)



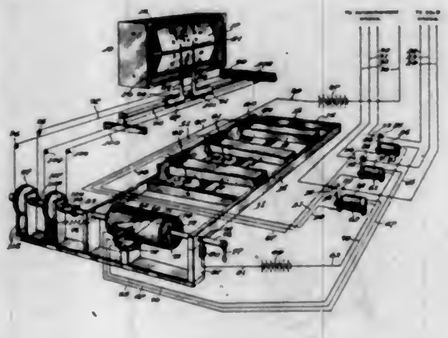
1. In a system of guide lights, a movable body, a plurality of different combinations of lamps mounted on said body, each combination corresponding to a predetermined direction of movement of said body, means to automatically select the combination corresponding to the course of said body, and means to light only the lamps of the selected combinations.

1,621,879. PIPE ORGAN. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Apr. 1, 1921, Serial No. 457,773. Renewed July 27, 1926. 19 Claims. (Cl. 84—337.)



6. The combination of an organ pipe for producing a tone of predetermined pitch and quality, a key for actuating said pipe to produce a tone, means controlled at the will of an operator for imposing upon said tone a secondary predetermined tone having the same pitch as the pipe but having the quality of the tone of a brass wind instrument, and means for automatically varying the intensity of the imposed tone proportional to the changes in intensity of tone emitted from said pipe.

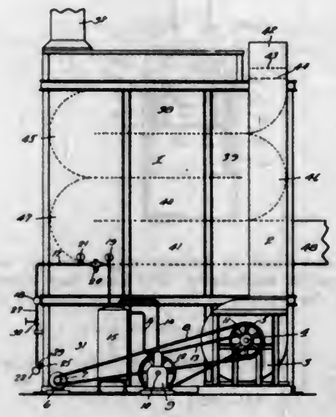
1,621,880. SOLO CONTROL FOR AUTOMATIC PLAYER INSTRUMENTS. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed July 6, 1921, Serial No. 482,789. Renewed July 27, 1926. 20 Claims. (Cl. 84—83.)



15. In a musical instrument including a solo instrument and an accompaniment instrument, a mechanical player device including a note sheet, selective means for causing the player device to sound any desired notes on either instrument, and means connected to said selective means and movable across the note sheet for indicating on the note sheet the notes sounded on the solo instrument.

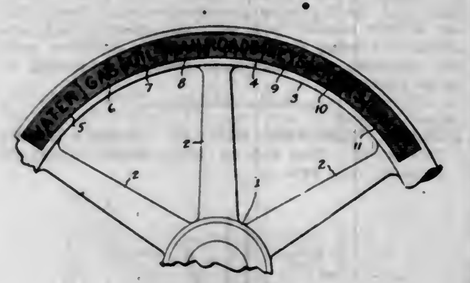
1,621,881. HEATING SYSTEM. JAMES M. HARRISON, Cleveland, Ohio, assignor of one-half to Harry P. McCann, Cleveland, Ohio. Filed Feb. 15, 1924. Serial No. 693,007. 9 Claims. (Cl. 158—4.)

5. The combination, with an air heater, of a combustion chamber in operative relation thereto, means for forcing air through said heater, a pressure-creating device, means driven by the air-forcing means for operating said device, fluid fuel burner mechanism, means for supplying fluid under pressure from said device to said



burner mechanism, and means for maintaining under a a predetermined pressure the fluid supplied to said mechanism.

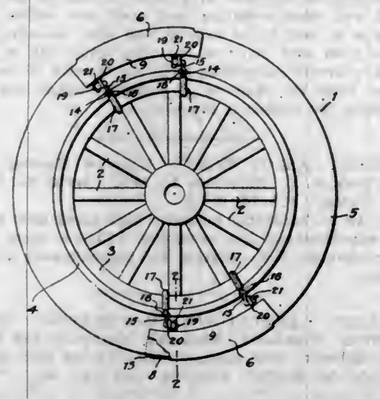
1,621,882. STEERING-WHEEL REMINDER. HARRIETTE E. HODGSON, New York, N. Y. Filed Feb. 2, 1924. Serial No. 690,136. 1 Claim. (Cl. 40—125.)



An automobile requirement reminder to be secured to the upper surface of the forward arc of the steering wheel, comprising a series of independent and distinctly and different colored reminder sections arranged in uninterrupted continuation, with the contrastingly-colored sections arranged in adjacent relation, each section being permanently marked to indicate to the driver certain acts to be performed by him in connection with the automobile, the width of the sections approximating the diameter of the steering wheel.

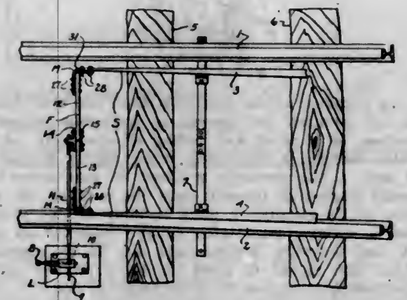
1,621,883. ANTISKID DEVICE. HARRIETTE E. HODGSON, New York, N. Y. Filed Apr. 18, 1924. Serial No. 707,338. 1 Claim. (Cl. 152—14.)

An individual anti-skid device comprising an elongated segmental block formed with a channel in its back to seat on the pneumatic tire of an automobile wheel and provided with fastening means to pass about the felly, said block comprising a thin central tread portion adapted to present an inconsiderable intervening thickness between the tire and the ground, and heavy side wing portions the tread surfaces of which are in lateral continuation with the under surface of the thin central tread portion, said



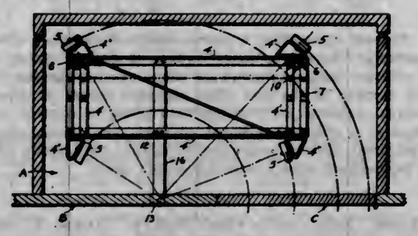
tread surfaces being provided with serrations which extend both laterally and longitudinally and which are deeper under said wings than in the central portion.

1,621,884. FRONT ROD. SAMUEL P. HULL, Yonkers, N. Y. Filed Apr. 11, 1924. Serial No. 705,808. 9 Claims. (Cl. 246—449.)



3. A switch lug formed of a plurality of plates bent intermediate their ends to form approximately a right angle and one leg bent in another plane at an angle to the other leg.

1,621,885. WALL BED. BURRELL L. JONES, Oakland, Calif. Filed Apr. 15, 1924. Serial No. 706,662. 1 Claim. (Cl. 5—172.)



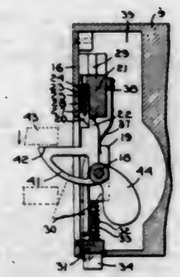
In combination, a wheeled frame having a bed pivotally mounted thereon so that the bed can be raised to an upright position or lowered to a horizontal position, pivotal

means rigidly secured to one side of the centre of said frame and rotatably mounted on a single pivot in the vertical plane of and adapted to swing through a wall adjoining the doorway of a closet, a cut out portion in said wall accommodating said pivot and rollers at the corners of said frame having their axes extending along radii from said pivot so that the frame can be swung by one circular movement from the interior of the closet away from the door to a position outside the closet allowing the closing of the door.

1,621,886. ALLOY STEEL. WILLIAM HERBERT KEEN, Albany, N. Y. Filed May 10, 1924. Serial No. 712,454. 7 Claims. (Cl. 75—1.)

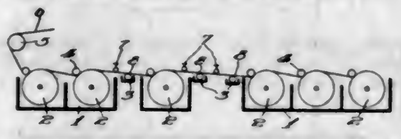
1. An air-hardening forgeable high speed steel containing approximately 3% vanadium, 0.85% or more carbon, approximately 18% tungsten and approximately 4% chromium.

1,621,887. ELEVATOR-GATE-OPERATING MECHANISM. EDWARD L. KERRIGAN, Arlington, and WALTER J. MURPHY, West Roxbury, Mass. Filed May 16, 1925. Serial No. 30,672. 8 Claims. (Cl. 187—60.)



5. In a device of the class described, the combination with an elevator car having a projection extending therefrom, of a rising and falling elevator gate for an elevator landing, a supporting frame rigidly secured to said gate, a dog pivotally mounted on said frame and normally projecting laterally into the path of the projection on the elevator, a block movably carried by said frame, a spring-pressed latch slidably mounted on said block and normally holding said dog in its operative position, and means to move the block relative to the frame thereby to release the latch from the dog.

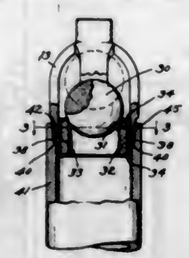
1,621,888. PROCESS FOR MAKING PAPER. LESTER KIRSCHBRAUN, Chicago, Ill. Filed Mar. 27, 1924. Serial No. 702,316. 3 Claims. (Cl. 92—41.)



1. Process of making a grease-repellant multiply sheet comprising felting separately plies of fibrous stock on the cylinder molds of a paper machine, interposing between certain of the wet plies separate layers of grease repellant material by causing said plies to contact the surface of a rotating element carrying said greaseproofing material, and in subsequently uniting the fibrous plies and greaseproof layers into a multiply sheet.

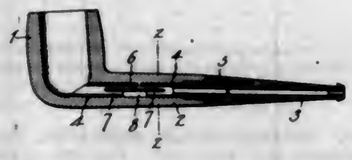
1,621,889. BALL AND SEAT VALVE. JAMES F. LARKIN, Los Angeles, Calif. Filed Apr. 18, 1925. Serial No. 24,077. 7 Claims. (Cl. 251—121.)

1. In a valve construction, the combination of: a seat member devoid of supporting projections; a retainer surrounding said seat member throughout its length and having an inturned lip engaging the lower end of said seat member; a body member having a seat for engagement by



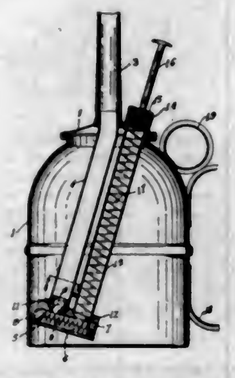
said retainer; and an annular clamp member having a screw-threaded engagement with said body member and engaging the retainer to clamp said retainer in place.

1,621,890. TOBACCO PIPE. WILLIAM H. LEWIS, New York, N. Y. Filed May 22, 1926. Serial No. 110,913. 1 Claim. (Cl. 131—12.)



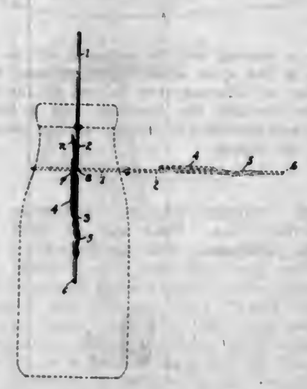
An inner tube for removable placement in the stem of a tobacco pipe, comprising a tubular member having an intermediate portion of its length provided with separated upper and lower parallel passageways, each communicating at their opposite ends with said member, said lower passageway being divided to provide a moisture escaping clearance, and said upper passageway serving for smoke conveyance.

1,621,891. PUMP-FEED OIL CAN. GUSTAVE LIDSEEN, Chicago, Ill. Filed Feb. 14, 1924. Serial No. 692,637. 1 Claim. (Cl. 221—51.)



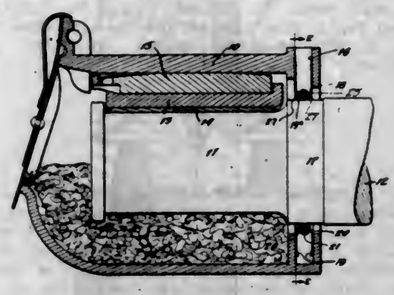
An oil can comprising a lubricant container, a removable cover therefor, a nozzle mounted thereon, a pump mechanism mounted on said cover and projecting into said container, an inclined valve housing supported by said pump mechanism and open at both ends, a plug closing the lower end of the valve housing, a spring controlled intake valve for closing the upper end of said valve housing, an outlet valve in the side of said valve housing, said valve housing having an opening in the side thereof communicating with said pump mechanism, and a pipe extending from said nozzle to said valve housing for enclosing said outlet valve.

1,621,892. NOTE HOLDER AS NEW ARTICLE OF MANUFACTURE. CLARENCE LILE, Granite City, Ill. Filed Mar. 11, 1926. Serial No. 93,946. 2 Claims. (Cl. 40—11.)



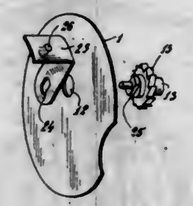
1. An article of manufacture comprising a shank of substantial length and capable of insertion into a bottle, said shank having two components twisted together for part of their length, and each terminating in an eye, one of said components extending beyond the other, and having a kink bent into it intermediate its ends, said kink lying adjacent to the eye in the shorter component and entering slightly therein.

1,621,893. DUST GUARD FOR THE JOURNAL BOXES OF RAILWAY CARS. JOHN L. MOHUN, Omaha, Nebr. Filed Dec. 10, 1923. Serial No. 679,542. 4 Claims. (Cl. 286—6.)



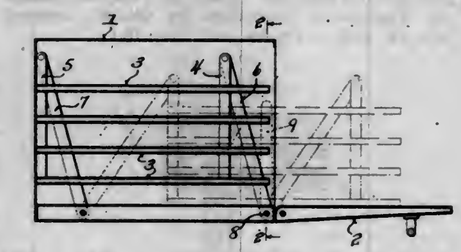
1. A journal box dust guard comprising a pair of side plates adapted to fit in the dust guard chamber of a journal box, said side plates having openings therein through which the axle may be inserted and having sloped surfaces around said openings, compressible packing material held between said side plates and engaging said sloped surfaces, a spring embedded in said packing and disposed between and forcing said side plates into frictional engagement with the walls of said dust guard chamber, and additional means to restrain said packing against outward movement.

1,621,894. CLOCK-SPRING SUPPORT. SAMUEL H. MOSCOVITS, New Haven, Conn. Filed Jan. 20, 1926. Serial No. 82,889. 3 Claims. (Cl. 58—87.)



2. A support for driving spring in clocks consisting of an angle bar, one face upon which the spring is adapted to be supported and the other face of which one extremity of the spring is adapted to be attached.

1,621,895. OVEN GRID. CHARLES H. NAPIER, Milwaukee, Wis. Filed June 1, 1926. Serial No. 112,910. 2 Claims. (Cl. 126—339.)

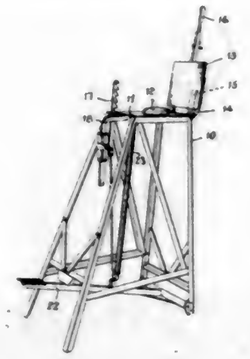


1. The combination of an oven having bottom, top, back, and side walls and having an open front, a door for said open front, two pair of levers mounted within said oven and located on opposite sides thereof and pivoted adjacent their lower ends, a plurality of vertical bars suspended from the upper ends of said levers, channel members carried by said bars for the reception of a grid, a transverse rock shaft secured to certain of said levers and projecting through a side wall of the oven, a manually operable lever secured to said rock shaft and located on the outer side of said oven, said levers being adapted to occupy either of two positions on opposite sides of dead center, one position with the channel members within the oven, and the other position with the channel members projecting from said oven, certain of said vertical members when in the last position resting upon the bottom of the oven and locking the parts against further outward motion.

1,621,896. APPARATUS FOR FORMING CAKES. JOSÉ PEGUERO, Port Arthur, Tex. Filed Apr. 1, 1924. Serial No. 703,347. 3 Claims. (Cl. 107—15.)

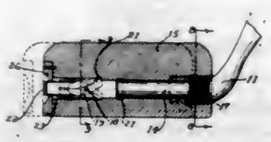
3. An apparatus for fashioning cakes formed of food products comprising a table upon which the material for the cake may be placed, a press board pivotally secured to said table and adapted to be moved into position over the material on the table, a vertically movable bar formed with a plurality of notches so that when moved

downwardly it may engage with the press board at varying elevations or inclinations thereof, a friction member pivotally connected to said movable bar, a



bracket carried by the table upon which said friction member travels and means for actuating said movable bar having a pivotal connection therewith.

1,621,897. GOLF CLUB. FLOYD R. PERKINS, Chicago, Ill. Filed Feb. 6, 1924, Serial No. 690,917. Renewed Aug. 13, 1926. 2 Claims. (Cl. 273—79.)



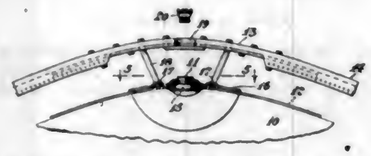
1. An adjustable golf club comprising a shaft, a pivot member rigidly secured thereto, a head having a longitudinal cylindrical passage adapted to receive said member, longitudinal serrations on said member for a portion of its length adapted to slidably engage corresponding serrations on the interior of said passage, a shoulder on the wall of said passage, a spring pressed member pivotally secured to said pivot member adapted to engage said shoulder and thereby prevent axial movement of the head relatively to said pivot member and means carried by said pivot member for moving said spring pressed member out of engagement with said shoulder.

1,621,898. PLAYING BALL. GEORGE L. PIERCE, Brooklyn, N. Y., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed Mar. 3, 1926. Serial No. 91,888. 8 Claims. (Cl. 273—65.)



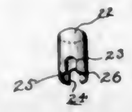
1. In a playing ball, a cover, an opening in said cover for insertion of a bladder, and lacing means for closing said opening, said lacing means being substantially concealed when the ball is inflated and the area of said cover about said bladder-insertion opening being imperforate.

1,621,899. PLAYING BALL. GEORGE L. PIERCE, Brooklyn, N. Y. Filed May 10, 1926. Serial No. 108,080. 5 Claims. (Cl. 173—65.)



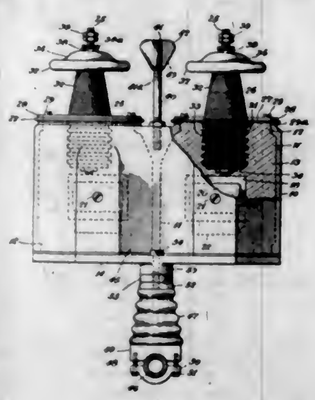
1. In a playing ball, a cover, a slit in said cover, notches in the sides of said slit forming an aperture, a bladder, an inflating stem carried by the bladder and accessible through the aperture, and a lacing closing the slit and holding the bladder against movement relative to the casing.

1,621,900. TOILET BRUSH. FREDERICK E. PRETAT, Waterville, Conn. Filed Apr. 10, 1925. Serial No. 22,136. 2 Claims. (Cl. 15—206.)



1. In a handleless toilet brush, a closed loop of twisted bristle-holding wires, the ends of said loop being bent inwardly, means for locking said inwardly-bent ends together, the bristles of said brush projecting inwardly and outwardly, the outer portions of said bristles forming a continuous brushing surface extending around the periphery of said brush and completely covering the joint of the ends of said loop and said locking means, whereby all possibility of injury to the user will be avoided.

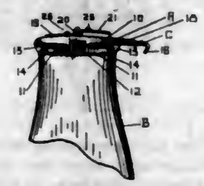
1,621,901. ELECTRICAL APPARATUS. WILLIAM H. PRICE, Montclair, N. J., assignor to Wireless Specialty Apparatus Company, Boston, Mass., a Corporation of New York. Original application filed Dec. 5, 1921, Serial No. 519,868. Patent No. 1,499,403, dated July 1, 1924. Divided and this application filed Dec. 5, 1923. Serial No. 678,557. 31 Claims. (Cl. 175—41.)



1. An electrical condenser comprising a plurality of sheet-stacks; a common metal casing therefor and connected therewith; a corresponding plurality of stack

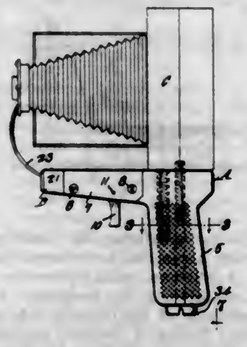
terminals extending outside the casing; and a metal member electrically connected with and mounted on the outside of the casing and spaced from said terminals to constitute a common spark-gap electrode establishing protective spark-gaps with said terminals.

1,621,902. BOTTLE COVER AND CAP REMOVER. CHARLES T. RASCHICK, St. Paul, Minn. Filed Feb. 25, 1925. Serial No. 11,453. 8 Claims. (Cl. 215—38.)



1. A bottle cover and cap remover including a cover body portion, spring fingers extending from said body portion, a cap removing finger extending from said body portion having a cap piercing point formed thereon, a ticket holding finger formed on said cap removing finger and indicating fingers associated with indicia on said body portion in a manner to permit the fingers to indicate the articles to be ordered by the customer by the setting of the fingers.

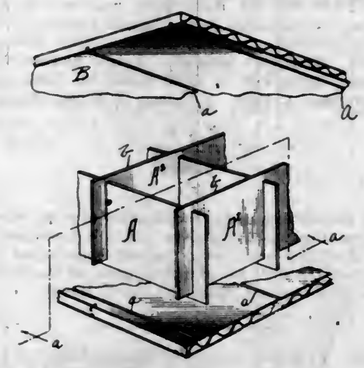
1,621,903. PISTOL GRIP FOR CAMERAS. WAYNE F. ROSSITER, Vallejo, Calif. Filed Dec. 30, 1924. Serial No. 758,884. 4 Claims. (Cl. 95—53.)



1. A device of the class described including a body, a trigger lever pivoted in the body, a plunger slidable in the body and operable by the trigger lever, a spring in the body holding the plunger rod in a retracted position, said body provided with a recess registering with the plunger rod for supporting the handle of a shutter actuating means for a camera so as to be operable by the plunger when moved by the trigger lever, and a spring for normally holding the plunger in an inactive position.

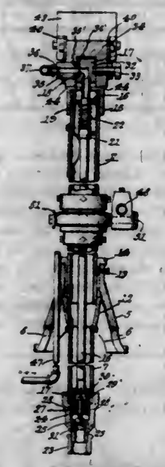
1,621,904. EGG CRATE. DAVID M. RUSSELL and JOSEPH H. SHLEY, Chicago, Ill. Filed Feb. 26, 1924. Serial No. 695,189. 2 Claims. (Cl. 217—34.)

1. In a container for eggs and the like, the combination with a crate of alternate flats and fillers therefor, each filler consisting of series of parallel slabs arranged at right angles to each other and in interlocking connection, one series having its margins extended above and the other having the margins extending below the adjacent edges of the other series, and each flat consisting of rectangular pieces of relatively thick material having a



single series of parallel grooves on their opposite faces adapted to receive the extended margins on the adjacent face of the cell unit.

1,621,905. DISPENSING STAND. GEORGE H. RUSSELL, Florence, Ala. Filed Mar. 17, 1925. Serial No. 16,178. 1 Claim. (Cl. 299—80.)



A dispensing stand including a base, an elongated housing supported by the base, a valve housing supported under the first mentioned housing and in communication therewith, said valve housing having lateral and upwardly extending bores to permit fluid to pass upwardly therethrough, said valve housing having bores disposed between the first mentioned bores and establishing communication between the interior of the valve housing and atmosphere, a vertically movable piston valve operating in the valve housing, said piston valve adapted to normally lie between the laterally and upwardly extending bores to close the bores, said piston valve adapted to move to uncover the laterally and upwardly extending bores to allow fluid to pass therethrough, and a vertically movable discharge pipe operating in the housing, and on which the valve member is mounted, and means for delivering fluid from the discharge pipe.

1,621,906. CLEANSING COMPOUND. ROBERT SCHLESS, Emporium, Pa. Filed Aug. 10, 1925. Serial No. 49,459. 4 Claims. (Cl. 87—5.)

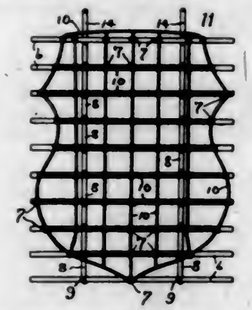
1. A cleansing composition comprising vegetable ivory mixed with an alkaline carbonate.

1,621,907. SEALING MEANS. ANTON SCHUH, Vienna, Austria. Filed Feb. 6, 1925, Serial No. 7,353, and in Austria Mar. 1, 1924. 2 Claims. (Cl. 292—313.)



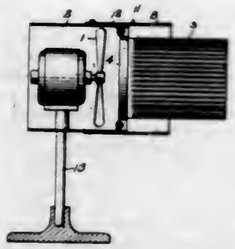
1. In sealing means, the combination of a flat disc of a soft metal forming a complete and self contained seal, with a shell of a hard but compressible plate and means provided on the shell for grappling parts of the shell into the disc of soft metal, when the seal is closed.

1,621,908. PYROTECHNIC LANCE HOLDER. JAMES H. SHUNK, Roscoe, Ill. Filed Sept. 3, 1925. Serial No. 54,336. 5 Claims. (Cl. 102—20.)



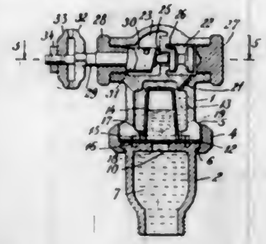
1. In a pyrotechnical lance-holder, a plurality of bars disposed side by side, lances projecting approximately at right-angles from one of the sides and secured to said bars, a plurality of rigid spacing-links each engaging that side of a bar opposite to the lances thereon and having a pivotal mounting at one of its ends on said bar and having a pivotal mounting for its opposite end upon an adjacent bar permitting each bar to be swung into engagement with a bar adjacent thereto, and fuses carried by and arranged to connect said lances one with another.

1,621,909. DRYING MOP. SIDNEY L. SMITH, Pittsburgh, Pa. Filed Sept. 21, 1925. Serial No. 57,573. 6 Claims. (Cl. 34—26.)



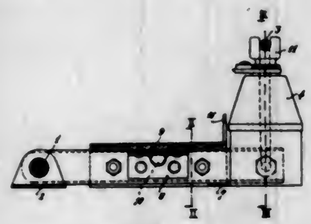
1. In an apparatus for removing moisture from surfaces the combination of a fan and a body of stranded absorbent material arranged in the stream of air formed by the fan whereby the strands are yieldingly held in contact with the moist surfaces.

1,621,910. VALVE. ALEXANDER THOMSON, Summit, and JOHN W. ESKHOLME, Glen Ridge, N. J.; said Eskholme assignor to said Thomson. Filed May 23, 1925. Serial No. 32,282. 12 Claims. (Cl. 137—104.)



8. In a fluid escape valve comprising an inlet chamber, an outlet chamber, passages from the inlet and outlet chambers having adjacent openings in a flat surface, a flexible diaphragm covering the openings, a dome-shaped element fitted on said diaphragm and forming therewith a pressure chamber, channels connecting the inlet chamber to the pressure chamber and means for reducing pressure in the pressure chamber, comprising an inverted cup-shaped element loosely positioned in the pressure chamber and resting on the diaphragm and provided with a small aperture near its open end.

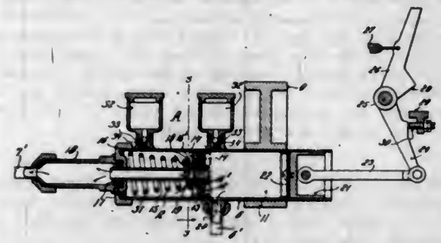
1,621,911. WEIGHING SCREW JACK FOR DETERMINING THE WHEEL PRESSURE OF VEHICLES. ABRAHAM VAN L. VAN DEN HEUVELL, Zwolle, Netherlands. Filed Nov. 17, 1922, Serial No. 601,630, and in the Netherlands Oct. 4, 1922. 6 Claims. (Cl. 265—52.)



1. An apparatus for measuring the wheel pressure of vehicles, comprising, a support, a horizontal axle carried by said support, a platform, means pivotally supporting the platform at one side on the horizontal axle, and a weighing jack positioned at the opposite side of the platform and directly connected thereto independently of said support for lifting the platform by tilting it about said axle.

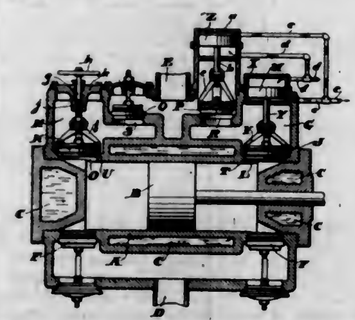
1,621,912. VEHICLE BRAKE. JOHN D. VAN DERWYK, Los Angeles, Calif., assignor to Thomas A. Wells, Los Angeles, Calif. Filed May 18, 1925. Serial No. 31,073. 3 Claims. (Cl. 188—152.)

1. A four-wheel brake for vehicles, comprising pressure operated brake devices associated with the respective wheels, conduits connecting said brake devices in pairs, a pressure device comprising a cylinder containing a slidable partition piston dividing the cylinder into a main pressure chamber and a secondary pressure chamber, said main chamber communicating with the conduits leading to one pair of said brake devices and said secondary chamber communicating with the conduits leading to the other pair of said brake devices, a pressure piston in the main chamber, and control means maintaining the partition piston against movement until an initial braking pressure is first built up in the main pressure chamber by movement of the pressure piston and transmitted to the said one pair of brake devices, said control means permitting subsequent movement of the partition piston



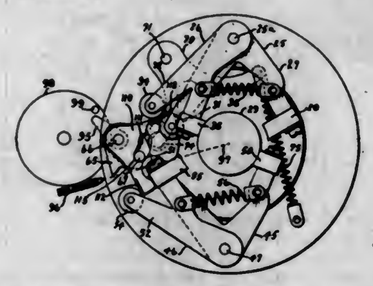
upon further movement of the pressure piston to build up pressure in both pressure chambers for transmission to both pairs of brake devices.

1,621,913. CLEARANCE UNLOADER. FREDERICK VAN DUZER LONGACRE, Yonkers, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Oct. 19, 1925. Serial No. 63,308. 5 Claims. (Cl. 230—24.)



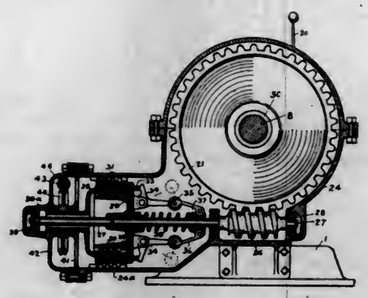
1. In a compressor, the combination of a cylinder and piston, an inlet valve, a discharge connection, a clearance chamber, a main discharge valve for discharging the compressed fluid through said clearance chamber to the discharge connection, means for rendering said main discharge valve inoperative, whereby free communication is afforded between the cylinder and clearance chamber for unloading the compressor by reducing the cylinder capacity, and an auxiliary discharge valve between the clearance chamber and the said discharge connection.

1,621,914. ELECTRICAL APPARATUS. CORNELIS VAN RENNES, Dayton, Ohio, assignor to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed Sept. 4, 1923. Serial No. 660,664. 6 Claims. (Cl. 172—240.)



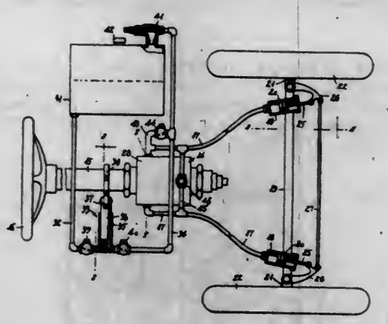
3. An automatically reversible motor, comprising in combination, a field member; an armature; movable brushes for engaging the commutator; means for moving either brush from the commutator; a spring connecting the brushes whereby movement of either brush away from the commutator will cause the other brush to be yieldingly urged toward the commutator; means for moving said brushes away from the commutator; and means for staying the movement of the brush toward the commutator until said first means is rendered operable.

1,621,915. VARIABLE-SPEED DEVICE. MILTON T. WESTON, New York, N. Y. Filed Apr. 6, 1922. Serial No. 550,041. 11 Claims. (Cl. 188—187.)



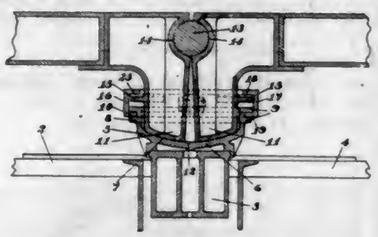
1. In a device of the character described, a rotary shaft, a friction disk rotating with said shaft, a non-rotatable friction disk cooperating with said rotating friction disk, an abutment for limiting the axial displacement of said disks, a pressure ring between which and said abutment the friction disks are confined, means operating by centrifugal force for pressing said pressure ring against said disks, and means for adjusting said disks and resisting the displacement of said disks under the pressure imparted by said centrifugally operated means.

1,621,916. HYDRAULIC STEERING GEAR. CHARLES H. WILLIAMS and MAURICE L. TUCKER, Piqua, Ohio. Filed June 23, 1925. Serial No. 39,156. 8 Claims. (Cl. 180—80.)



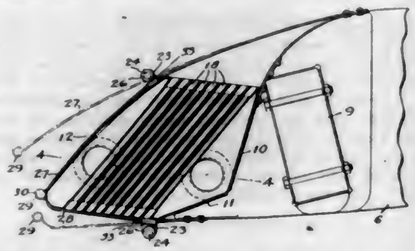
1. A steering gear comprising manually operable means; steering means; a hydraulic connection between said means including a liquid pump operated by said manually operable means, and liquid operated means connected with and operated by said pump and operably connected with said steering means; and means for supplying liquid under pressure to said pump and liquid operated means including a pump operated by said manually operable means.

1,621,917. ARTICULATED CAR. KARL O. WINELL, Pittsburgh, Pa., assignor to Pressed Steel Car Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Oct. 28, 1925. Serial No. 64,290. 15 Claims. (Cl. 105—4.)



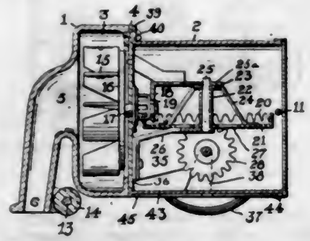
1. In an articulated car comprising a plurality of bodies, a truck supporting the adjacent ends of said bodies and a ring member for locking together said truck and bodies against accidental vertical movement.

1,621,918. WING-NOSE RADIATOR. PAUL G. ZIMMERMANN and BORIS V. KORVIN-KROUKOVSKY, Keyport, N. J., assignors, by mesne assignments, to Healey-Aeromarine Bus Company, Inc., a Corporation of New York. Filed Apr. 1, 1924. Serial No. 703,359. 9 Claims. (Cl. 244—31.)



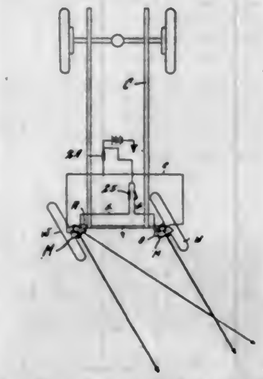
1. In an aerofoil, an engine-cooling radiator comprising a front water chamber, a rear water chamber and an interposed core having upwardly inclined air-passages extending upwardly therethrough, the whole being embodied within and of a form with the nose of the aerofoil.

1,621,919. VACUUM SWEEPER. CARL C. BAIN, Pittsburgh, Pa., assignor to Wolverine Supply and Manufacturing Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Aug. 3, 1925. Serial No. 47,744. 3 Claims. (Cl. 15—18.)



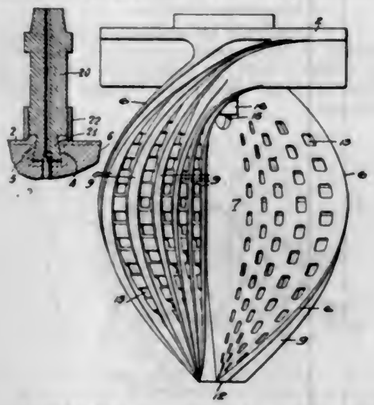
3. In a vacuum sweeper, the combination of a substantially vertically disposed fan chamber having a suction inlet opening and a discharge opening, a fan in said chamber rotating on a substantially horizontal axis, a fan shaft extending rearwardly from said chamber, a pair of horizontally disposed brackets extending rearwardly from said fan chamber and spaced apart vertically, a vertically disposed hub member rotatably mounted between said brackets, a gear concentrically disposed to and rigid with said hub member, said gear having inner and outer concentric series of teeth, a pinion mounted on the fan shaft meshing with teeth of one of said series, a driving axle, traction wheels fixed on the driving axle, a second pinion loosely mounted on the driving axle and meshing with teeth of the other series, and a clutch mechanism for locking the second pinion to the axle when the sweeper is moved forwardly.

1,621,920. LIGHT MECHANISM FOR VEHICLES. ROGERS W. BERRY and GEORGE W. BIRD, Great Falls, Mont. Filed Oct. 8, 1925. Serial No. 61,274. 7 Claims. (Cl. 240—62.)



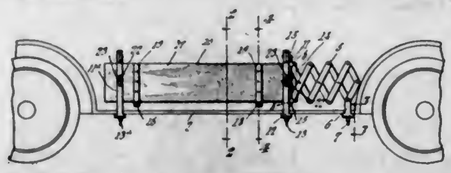
1. In combination with a vehicle and a front steering wheel therefor, a vertically disposed post carried by the forward portion of the vehicle, means operated upon steering movement of the wheel for correspondingly turning the post, and a pair of lamps mounted upon the post, the beams of light emitted from said lamps being angularly related laterally with respect to the direction of travel of the vehicle, one of said lamps directing a beam at all times in the direction of travel of the steering wheel, the beam from the second lamp being disposed across the front of the machine.

1,621,921. ROTARY-DRILL BIT. LESTER C. BLACK, Los Angeles, Calif. Filed June 18, 1923. Serial No. 646,030. 13 Claims. (Cl. 255—69.)



1. A rotary drill bit comprising a cutting blade having a helicoidal surface forming a sharp angle with the formation to be cut and helicoidal ribs on the rear surfaces of the blade on opposite sides of the axis of the helicoid, said surface terminating in substantially alined cutting edges, the ribs extending to the cutting edge of the blade, the end faces of the ribs lying in a horizontal plane.

1,621,922. COMBINATION TABLE AND LUGGAGE CARRIER. ROLAND GUY BRYANT, Carterville, Mo. Filed Aug. 1, 1925. Serial No. 47,569. 1 Claim. (Cl. 224—29.)



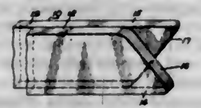
A combined running board luggage carrier and table including standards having clamps at their lower ends to clamp the device to a running board, a pair of leaf sections, hinges for connecting the leaf sections, said hinges connecting the lower edges of the leaf sections, hinges connected with one edge of one of the leaf sections and having connection with the standards to allow the sections to swing upwardly and outwardly beyond the outer edge of the running board to which the device is connected to provide a table, and removable leg sections secured to one of the leaf sections for supporting the leaves as a table beyond the running board.

1,621,923. NONREFILLABLE BOTTLE. ARTURO CRISCI, New York, N. Y. Filed Apr. 13, 1925. Serial No. 22,640. 2 Claims. (Cl. 215—21.)



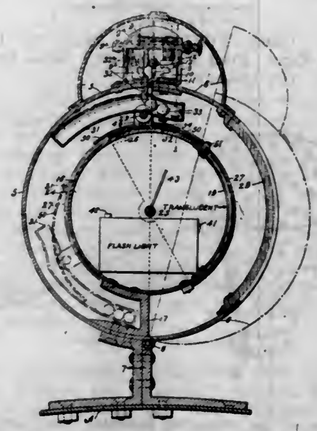
1. In a nonrefillable device of the character described the combination of a cup shaped shell with outlet ports, clamping lugs extending from the lower end of the shell, a plug inserted in the open end of said shell, said plug having an outlet port therethrough, and clamped to said shell by the clamping lugs of the latter, said plug having a valve seat on the end opposite the clamping lugs of the shell, guide lugs extending from the end of the plug having the valve seat and a discharge valve adapted to seat on valve seat and guided by said guide lugs.

1,621,924. HAIRPIN. WILLIAM H. H. DAVIS, San Francisco, Calif. Filed Apr. 27, 1926. Serial No. 104,887. 6 Claims. (Cl. 132—50.)



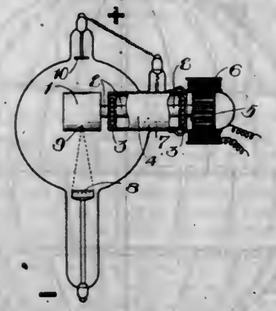
1. A hair pin comprising a looped portion and a pair of branches formed of a single flat strip of spring metal, said branches being retained with their flat inner sides in contiguous relationship by the natural resilience of the strip, the free ends of the branches being of substantially the same length and laterally beveled.

1,621,925. THEFT-PREVENTING DEVICE. THOMAS E. DAUGHERTY, Baltimore, Md. Filed Sept. 27, 1921. Serial No. 503,579. 10 Claims. (Cl. 40—61.)



1. A signalling device which includes a casing attachable to a road-vehicle; a sign in the casing; means manually settable to hide the sign and being mounted for shifting in consequence of traveling movements of the road-vehicle, for displaying the sign; and means including a lock to combine with the casing, for securing the said manually settable means against being operated by said traveling movements or by any person without unlocking said lock.

1,621,926. X-RAY TUBE. UKICHI FUJIMOTO, Tokyo, Japan. Filed July 23, 1923, Serial No. 653,237, and in Japan Dec. 22, 1922. 2 Claims. (Cl. 250—35.)

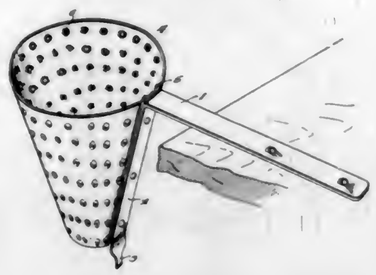


1. In an X-ray tube having a side tube, a cylinder fixed within said side tube; bearings in said cylinder; an axle rotatably mounted in said bearings; an anti-cathode wheel mounted on said axle; a rotor on said axle; coils mounted around the side tube adjacent the rotor; and means for electrically exciting said coils whereby said rotor will be rotated.

1,621,927. PROCESS OF DECREASING THE RATE OF CRYSTALLIZATION OF BORAX FROM BRINE. ALFRED W. GAUGER and HENRY HERMAN STORCH, Westend, Calif., assignors to Burnham Chemical Company, Reno, Nev., a Corporation of Nevada. Filed Aug. 29, 1925. Serial No. 53,425. 4 Claims. (Cl. 23—38.)

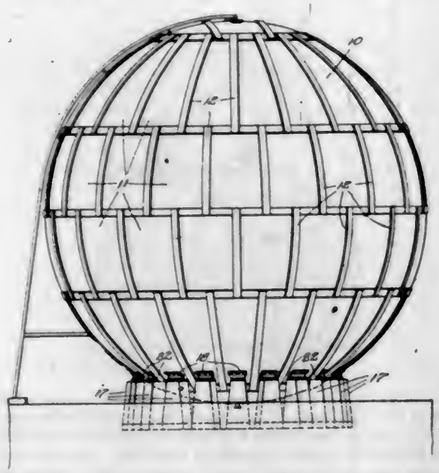
1. The process of decreasing the rate of crystallization of borax from brine containing sodium, potassium, chloride, carbonate, sulfate, metaborate, and tetraborate which comprises adding a resinous organic material to the brine and subjecting the brine to treatment to crystallize out other salts.

1,621,928. CORN NUBBINER. ELLIS W. HOPKINS, Oberlin, Kans. Filed May 13, 1925. Serial No. 30,062. 1 Claim. (Cl. 130—10.)



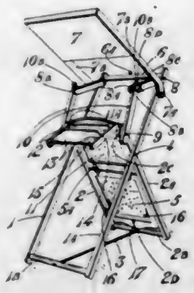
A device of the character described comprising a hollow shell having internal operating teeth adapted to remove kernels from an ear of corn inserted into the shell, said shell consisting of a strip of material coiled to form the shell and having its end portions overlapped, a mounting bracket adapted to be secured to a support and including an arm extending longitudinally upon the overlapped portions of the shell forming strip, and fasteners passed through the arm and overlapped portions of said strip to retain the strip in shell forming position and the shell in engagement with the bracket arm.

1,621,929. GAS HOLDER. GEORGE T. HORTON, Chicago, Ill. Filed Sept. 18, 1925. Serial No. 57,084. 8 Claims. (Cl. 220—1.)



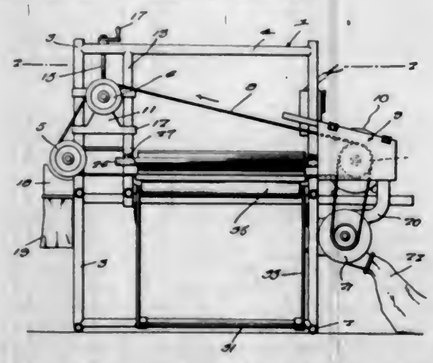
5. A gas holder comprising a substantially spherical shell substantially supported by supporting legs resting on foundations and attached at their upper ends to the shell on the line of a circle lying in a horizontal plane and having a diameter substantially less than the diameter of a great circle of said shell.

1,621,930. COLLAPSIBLE CHAIR FOR INFANTS. HENRY WILLIAM SEW HOY, Dunedin Otago, New Zealand. Filed Sept. 1, 1925. Serial No. 53,907. 2 Claims. (Cl. 155—139.)



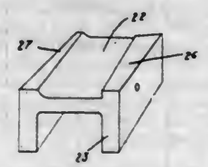
1. A collapsible chair for infants, comprising pivotally connected front and back legs, the front legs being extended above the upper limit of the rear legs, a bar connecting the extended portions of the front legs, and a combined seat and back including hingedly connected sections with the free edge of the seat movably connected to the upper ends of the rear legs, said seat and back being of such combined length and width to permit them to swing down in line between the rails of the short leg, and means carried by the back to detachably engage with the bar connecting the extended portions of the front legs to hold the seat and back in proper relative positions.

1,621,931. DESK-SANDING MACHINE. MARTIN E. JOHNSON, Tillamook, Oreg. Filed Oct. 20, 1925. Serial No. 63,719. 1 Claim. (Cl. 51—135.)



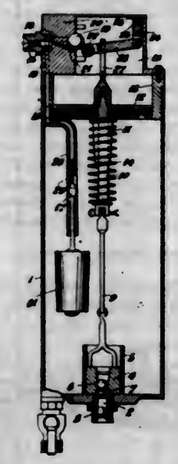
In a structure of the class described, a supporting frame, a plurality of pulleys mounted on said frame, a belt trained over said pulleys, said belt being provided with an abrasive surface, rocker arms pivotally mounted on said frame, an abutment rotatably supported between said arms, said abutment being flat on one side and rounded on its opposite side and being adapted for cooperation with the inner side of one stretch of the belt for maintaining said one stretch rigid, a work-pressing roll located beneath said one stretch of the belt, additional arms pivotally mounted on said support beneath the aforesaid rocker arms, said roller being carried by said additional arms, a foot pedal, and connections between said additional arms and said pedal.

1,621,932. VEHICLE WHEEL. CLARENCE S. JOHNSTON, Glendive, Mont., assignor to The United Rim Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Mar. 22, 1920. Serial No. 367,812. 1 Claim. (Cl. 301—17.)



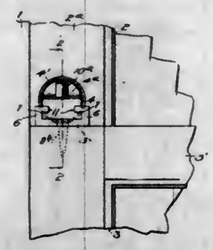
A vehicle wheel comprising a fixed channeled rim the side walls whereof are formed with seats for a demountable rim, a demountable rim, a substantially inverted U-shaped block fitted within the channel of the rim and having one surface formed with a recess extending at an angle to the longitudinal median line of the block and having an inclined base, one wall of the recess being substantially at a right angle to the base and the other wall curved, and a locking lug secured to the demountable rim and shaped conformably to the recess in the block secured to the other rim.

1,621,933. LIQUID-FUEL-SUPPLY ARRANGEMENT FOR INTERNAL-COMBUSTION ENGINES. FRANCIS JOSEPH STAWELL JONES, Porthcawl, South Wales. Filed June 15, 1925, Serial No. 37,264, and in Great Britain July 7, 1924. 7 Claims. (Cl. 103—50.)



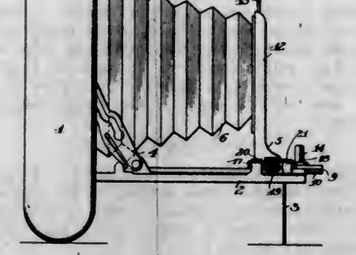
1. In a pump device for elevating liquids, a tank, a large cylinder and a small cylinder carried by said tank, a large piston and a small piston connected together and operating in said cylinders, respectively, the larger cylinder having a pair of ports opening thereto, one for atmosphere inlet and the other for suction connection, valve means operated by piston movement to alternate the dominance of the suction and atmospheric pressure through said ports, respectively, whereby the pistons are caused to reciprocate, valve means in conjunction with said smaller cylinder and piston constituting a pump, said pump being in discharging relation to the interior of said tank, and means contained in the device separate from and independent of said pistons operable by a predetermined rise in the level of liquid in said tank to prevent operation of said pump.

1,621,934. LOCKING DEVICE. ALCUIN E. KINTNER, Painesville, Ohio. Filed Sept. 19, 1923. Serial No. 663,526. 10 Claims. (Cl. 292—150.)



1. In a locking device, the combination with a pair of members supported in sliding relationship, of a plate having guide means and formed with an opening and seats, means extending through said opening to secure said plate on one of said members, a lock member slidably engaging said guide means arranged to project into a recess formed in the other sliding member and having a tail member extending rearwardly from its lower portion, and a locking element movably carried by said tail member and arranged to be seated in one of said seats when said lock member is operated to its locking position and to engage the other seat when said lock member is in its unlocked position.

1,621,935. FOCUSING MECHANISM FOR CAMERAS. ROBERT KROEDEL and CHARLES F. SPEIDEL, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Original application filed Sept. 8, 1922, Serial No. 586,990. Divided and this application filed May 24, 1924. Serial No. 715,529. 1 Claim. (Cl. 95—45.)

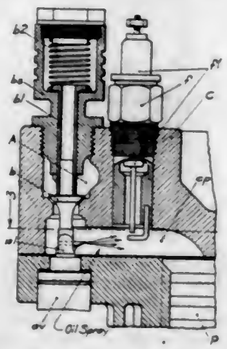


In a photographic camera, the combination with a main bed having an upwardly and inwardly projecting threaded lug on one side thereof and an extension bed guided on the main bed and having an upwardly and laterally projecting threaded lug thereon alined with the first mentioned lug, of a screw having right and left hand threads cooperating with the respective lugs and provided with an operating portion, said operating portion being arranged at a side edge of the bed to be accessible to the thumb of the operator for a downward turning movement as he supports the bed from beneath with his hand.

1,621,936. CONSTANT-PRESSURE INTERNAL-COMBUSTION ENGINE. PAUL ANDREW LAWRENCE, Grand Island, Nebr. Filed May 22, 1922. Serial No. 562,912. 5 Claims. (Cl. 123—27.)

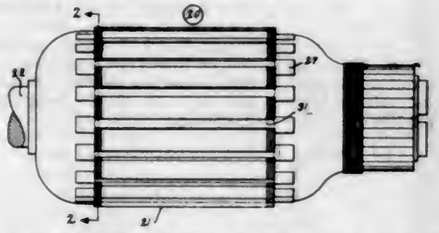
1. In an internal combustion engine of the type described the combination of an air chamber valve, a

spring housing removed from the heat of the head, a neck in said housing to obstruct the conduction of heat,



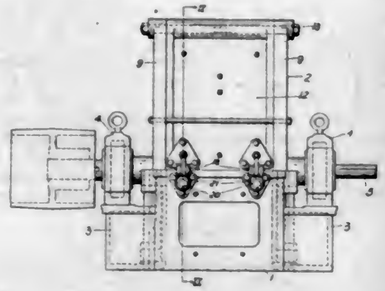
a spring plunger, and a shoulder on said spring plunger for seating the plunger before the seating of the said air chamber valve.

1,621,937. MOTOR. RALPH L. LEE, Dayton, Ohio, assignor to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed Nov. 24, 1923. Serial No. 676,831. 3 Claims. (Cl. 172—36.)



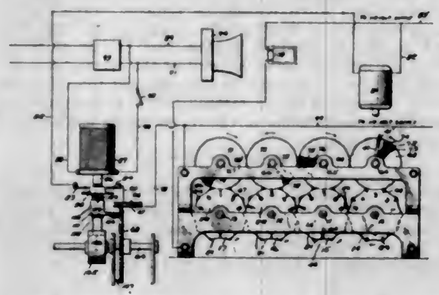
1. An armature comprising, in combination, a plurality of laminæ placed side by side to provide a single core, said core being provided with slots extending axially therewith, armature windings within said slots, and conductor bars within said slots the opposite ends of said bars being secured to a plurality of laminæ at the opposite ends of said core for preventing racing of the armature.

1,621,938. PULVERIZING MACHINE. WILLIAM K. LIGGETT, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed June 8, 1923. Serial No. 644,165. 7 Claims. (Cl. 83—11.)



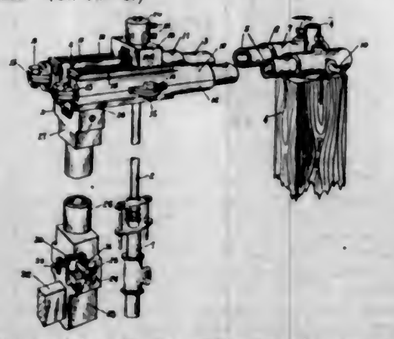
1. In a machine of the class described, the combination of a rotor provided with pulverizing elements which generate a substantially continuous pulverizing surface when the rotor is at speed; a casing of substantially cylindrical form closely surrounding the major part of said rotor; a combined hopper and pulverizing chamber above said casing with the hopper portion disposed on the upwardly advancing side and the pulverizing chamber on the downwardly advancing side of said rotor, said pulverizing chamber having a substantially vertical wall tangentially disposed relative to the path of rotation of said pulverizing elements; an abutment at the lower end of said vertical wall substantially filling the throat between the tangentially vertical wall and said rotor, to intercept the downwardly gravitating, impulverized material and prevent its passing through the machine; and means to adjust said abutment.

1,621,939. METER-READING APPARATUS. JOHN C. LOWE, Minot, N. Dak. Filed Feb. 21, 1925. Serial No. 10,959. 9 Claims. (Cl. 177—352.)



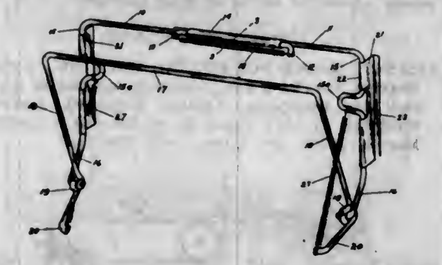
1. In apparatus of the character described, counting mechanism embodying a plurality of rotatable dials, each dial being provided upon its periphery with recesses, different contact units arranged within the recesses and adapted to produce a different signal for each recess, rotatable locking members arranged near the dials and corresponding in number with relation thereto, said locking members being adapted to pass through the recesses of the dials and to hold the dials against turning movement during such passage, contact elements carried by the locking member for co-action with the contact units, circuit means associated with the contact elements and contact units, and means to drive the locking members.

1,621,940. PUMPING RIG. JOHN E. MCCOMB, Rouseville, Pa. Filed Mar. 21, 1925. Serial No. 17,219. 7 Claims. (Cl. 74—5.)



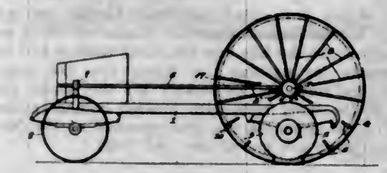
1. In a pumping rig, the combination of a reciprocating actuating member; an actuated member; a joint between said members comprising toothed thrust surfaces having a rolling contact; and a pin normally out of contact supplementing the teeth in maintaining the relation of the surfaces.

1,621,941. AWNING SUPPORT. EARL E. MCGREW, Lincoln, Nebr., assignor to McGrew Machine Company, Lincoln, Nebr., a Corporation of Nebraska. Filed Dec. 6, 1926. Serial No. 152,905. 12 Claims. (Cl. 156—15.)



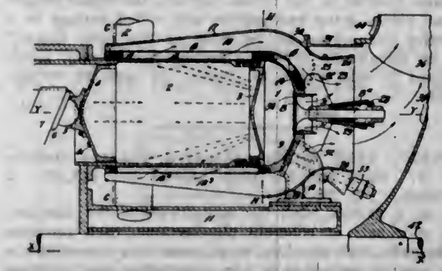
1. An awning frame which is adapted to be compressed between the side members of a window opening, said awning frame including two horizontal members which are in overlapping relation at their inner end portions and which are slidable on each other, and means secured to one of said members for maintaining the sliding movements of both of said members in straight lines.

1,621,942. MOTOR VEHICLE. JUAN CARLOS MOLINA MASSEY, Buenos Aires, Argentina. Filed Apr. 15, 1925, Serial No. 23,312, and in Argentina Dec. 11, 1924. 4 Claims. (Cl. 180—10.)



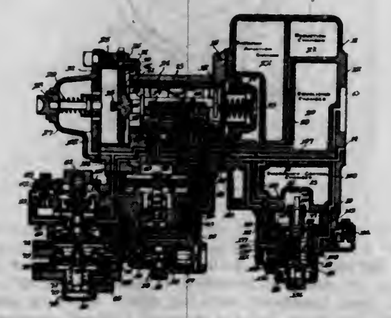
1. A motor vehicle comprising a frame; a driving wheel mounted in said frame; a circular rail, said wheel being adapted to contact on the inside of and drive said rail; and a bar slidably guided in said frame for mounting said circular rail on the frame in order to permit longitudinal movement relative to said frame.

1,621,943. AIR COOLING OF THE CYLINDERS AND PISTONS AND OTHER WORKING PARTS OF INTERNAL-COMBUSTION ENGINES, COMPRESSORS, AND THE LIKE. ANTHONY GEORGE MALDON MICHELL, Melbourne, Victoria, Australia, assignor to Crankless Engines (Aus) Proprietary Limited, Melbourne, Australia. Filed June 29, 1923, Serial No. 648,543, and in Australia July 18, 1922. 12 Claims. (Cl. 123—171.)



1. In a cylinder cooled by circulation of air, multiple channels formed circumferentially around the cylinder and having each a plurality of lateral inlets alternating with a corresponding plurality of lateral outlets for the circulating air, each inlet and outlet slot common to a plurality of channels, the length of each channel between inlet and outlet being many times greater than its smaller transverse dimension.

1,621,944. TRIPLE VALVE. BLYTHE J. MINNIER and CHARLES A. CAMPBELL, Watertown, N. Y.; said Campbell assignor to The New York Air Brake Company, a Corporation of New Jersey. Filed May 2, 1925. Serial No. 27,472. 18 Claims. (Cl. 303—38.)



1. The method of minimizing the undesired reapplication of brakes controlled by quick acting triple valves having local brake pipe vents opening in service which consists in suspending the function of the brake pipe vent as an incident to overcharging of the corresponding auxiliary reservoir.

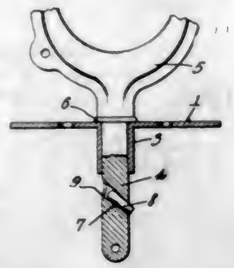
1,621,945. PENCIL. JULIUS MITCHELL, Cleveland, Ohio. Filed Feb. 12, 1926. Serial No. 87,804. 1 Claim. (Cl. 120—19.)



In a pencil of the class described, a hollow casing open at both ends, one end thereof being beveled to simulate a pencil point, the bore of the beveled end portion of the hollow casing being reduced, said casing being provided with a slot throughout substantially the entire length, one end thereof opening at the end of the casing remote from said point, a sleeve frictionally and slidably disposed in the casing, a lead fitted at one end within the sleeve and adapted to be expelled at its other end outwardly of the pencil casing through the reduced bore, a ring surrounding the casing in concentric relation with said sleeve, the portion of said ring which extends across the slot being of substantially the same width as the length of said sleeve to conceal the same, a pin having its shank extending through the widened portion of the ring and through the slot in the casing,

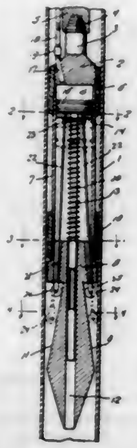
the inner end of said pin being threaded into the sleeve whereby said sleeve and said lead may be moved in either direction, and removable means within the other open end of the casing for limiting the movement of the lead carrying sleeve in said direction.

1,621,946. OAR LOCK. JOHN L. MOORE, Alexandria, Minn. Filed May 24, 1926. Serial No. 111,334. 2 Claims. (Cl. 9—26.)



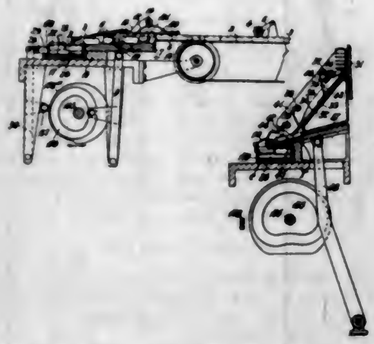
1. The combination with a sleeve constituting a bearing, of an oar lock including a yoke and a stem, said stem being insertable into the sleeve so as to project therebelow, there being a tapered inclined opening extending through the stem and normally positioned below the sleeve, a tapered pin movably mounted within the opening and having its small end normally projected by gravity beyond the stem, said projecting end constituting means for engaging one end of the sleeve to hold the stem against withdrawal therefrom.

1,621,947. CASING PULLER. WILLIAM N. MOORE, Abilene, Tex. Filed July 30, 1926. Serial No. 125,973. 2 Claims. (Cl. 294—96.)



1. A casing remover comprising a tubular body, a head at each end of the body, a wedge shaped member depending from the lower head, a disk adapted for vertical movement in the upper portion of the tubular body and cooperating with the upper head to provide a chamber therebetween, rods secured at their upper ends to the disc and extending downwardly through the lower head on opposite sides of the wedge shaped member, casing gripping elements carried by the lower ends of the rods, means for actuating the disc and said rods to move the gripping elements downwardly along said wedge shaped member into gripping relation with the inner wall of the casing, said means comprising a floating piston arranged in the aforementioned chamber and adapted to engage the top of the disc for moving the same downwardly under the action of fluid pressure.

1,621,948. MATCH-BOX-FILLING MACHINE. ANDREW FRANCIS NEY, East Kew, Australia, assignor to Bryant and May Proprietary Limited, Richmond, Australia. Filed Jan. 25, 1926, Serial No. 83,696, and in Australia Mar. 9, 1925. 20 Claims. (Cl. 226—10.)



1. In match box filling machines having an intermittingly moved endless conveyor formed of links each with pockets for the box and the inner thereof and having plungers for pushing the inners into the pockets therefor, the sides of the pockets for the inners being formed at the inner ends with tapered notches adapted to receive and compress the lower corners of the inners when the latter are moved into the links.

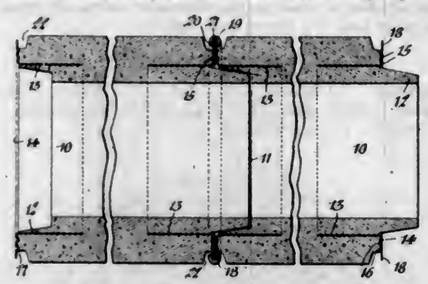
1,621,949. VIBRATING SCREEN. GUSTAVE A. OVERSTROM, Pasadena, Calif. Filed Sept. 28, 1920. Serial No. 413,376. 12 Claims. (Cl. 209—367.)



1. In a vibrating screen structure, a screen adapted to support the material to be screened, coiled supporting springs for said screen, said spring coils disposed in a plane vertical to the screen surface, the whole weight of the screen being imposed on said coiled springs in a direction transverse to the axes of the coils thereof, and an unbalanced revolving member wholly and freely mounted to said screen to vibrate the same in vertical planes.

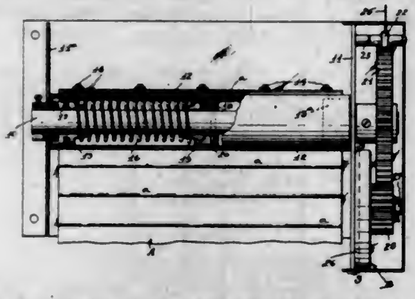
1,621,950. PIPE JOINT. ALBERT G. PERKINS, Buffalo, N. Y. Filed Oct. 21, 1926. Serial No. 143,253. 2 Claims. (Cl. 72—53.)

2. In a flexible joint for concrete-pipes, the combination of a pair of concrete pipe-sections, each provided at its ends with coupling rings, each ring comprising a base portion embedded in the pipe-section and a flange projecting therefrom having a series of concentric corrugations extending substantially from the base portion to a point short of the ends of the flange to provide a marginal attaching portion, and fastening means applied to the opposing marginal portions of said coupling ring



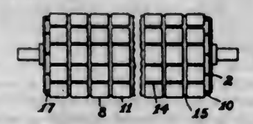
flanges to form a fluid-tight joint, said corrugated flanges being free to flex radially in response to relative movements of the pipe-sections.

1,621,951. ROLLING FIRE DOOR. FREDERICK E. PERKINS, St. Paul, Minn. Filed Mar. 5, 1923. Serial No. 622,924. 5 Claims. (Cl. 189—58.)



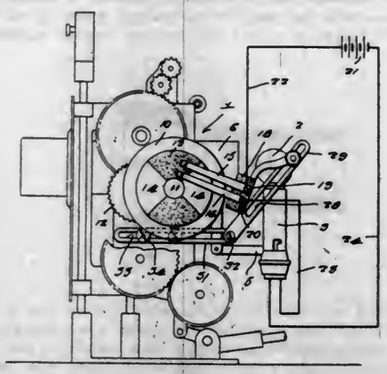
1. In a device of the class described, a roller, a curtain adapted to be wound upon and unwound from said roller, a spring arranged and normally tensioned to balance the curtain, means for normally retaining the balancing tension in said spring, said means being adapted to be rendered inoperative upon a dangerous rise in temperature, a centrifugal brake to control the release of said spring, said brake comprising a stationary drum, a revoluble head connected with and turned by said spring, brake shoes pivoted on said head, a cam arm and a cam lever pivoted on a common axis between the adjacent free ends of said shoes, a guide on said member diametrically opposed to the pivotal mounting for said arm and lever, a slide in said guide, a link pivoted to said slide and to said lever at one side of the center of said head, a second lever having a pivotal connection with the arm at the other side of said center and also with said slide, and weights on the ends of said levers.

1,621,952. PLATE FOR PRINTING UPON TIN AND THE LIKE. MICHAEL J. PICKETT, Cleveland, Ohio. Filed Feb. 16, 1926. Serial No. 88,559. 3 Claims. (Cl. 101—375.)



1. Plates for attachment to the plate-cylinder of a printing press, consisting of a metallic plate having a raised ink receiving surface, and the ink receiving surface being provided with longitudinal grooves extending to the edges thereof.

1,621,953. MOVING-PICTURE MACHINE. EDMOND JOHN ROY, New York, N. Y. Filed June 10, 1926. Serial No. 115,027. 1 Claim. (Cl. 88—18.)



In combination, a shutterless moving picture projection apparatus, a source of illumination associated therewith, means for intermittently turning on and off said source of illumination, said means comprising a rotatable insulator disc mounted on the projection apparatus, spaced contacts arranged in the outer face of the insulator disc, brushes engaging the outer face of the disc and said contacts, supporting means for said brushes, said supporting means comprising an insulated block on which the inner ends of the brushes are secured, an arm carrying said block, and additional means for adjustably mounting the arm on the projection apparatus, the last mentioned means comprising a pair of members having their adjacent ends pivotally secured, one of said members being secured on the projection apparatus, a bolt extending transversely from the other member, the outer end of said bolt extending through said arm.

1,621,954. CHAIN. MILTON SABIN, New York, N. Y., assignor to Alex. Sabin & Sons, New York, N. Y. Filed July 31, 1926. Serial No. 126,215. 1 Claim. (Cl. 63—2.)

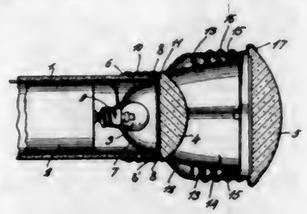


In a device of the class described in combination, a mesh fabric having a continuous flexible chain attached to both edges thereof to prevent the said fabric from unraveling, the entire length of each link of said chain rigidly secured to the edge of said fabric throughout the entire length of the fabric.

1,621,955. FLASH LIGHT. JOSEPH A. SCHIFFNER, Denver, Colo., assignor, by direct and mesne assignments, of one-third to Harry Shwartz and one-sixth to Marcelus Witherwax, Denver, Colo. Filed Feb. 19, 1926. Serial No. 89,325. 2 Claims. (Cl. 240—10.5.)

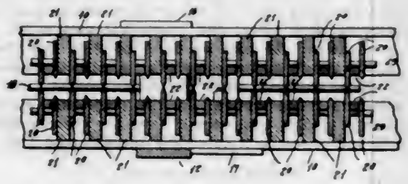
1. A flash light comprising, in combination, a cylindrical casing adapted to contain a plurality of dry cells, a threaded ferrule secured to one end of said casing, a reflector provided with a flange, said reflector extending into the casing and provided with a threaded opening adapted to receive a lamp, the flange of the reflector being secured to the outer end of the ferrule so as to be held from movement with respect thereto, a lens holding member having a cylindrical threaded portion adapted to engage the threaded ferrule, and another threaded cylindrical portion of larger diameter, the two threaded por-

tions being connected by a conical section, said holding member having a groove at the juncture of the smaller threaded section and the conical section, a lens in this groove whereby when the holding member is rotated the distance from the lamp to the optical center of the lens may be varied, a second lens holding member threadedly



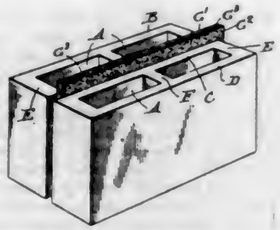
connected with the larger threaded portion and a lens secured to the outer end of said second lens holding member whereby when it is rotated with respect to the first lens holding member the distance between the optical centers of the two lenses will be altered without altering the distance between the optical center of the first lens and the lamp.

1,621,956. CANDY MACHINE. ALBERT F. SCHMAND, Little Rock, Ark. Filed June 17, 1924. Serial No. 720,603. 4 Claims. (Cl. 107—21.)
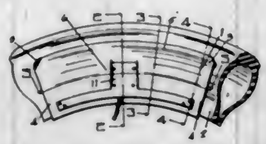


4. A candy machine of the character specified, comprising two members hingedly secured together, each member comprising parallel angle bars having the outer edges of a flange of each bar notched, hinged spacers fitted in the notches of the angle bars, fixed spacers intermediate the hinged spacers, adjustable cutters disposed between the sets of spacers and having vertical slots and lateral notches, and rods passing through openings in the fixed spacers and co-acting with the slots and notches of the cutters to hold the latter in the required adjusted position.

1,621,957. BUILDING BLOCK. WILLIAM H. SCHWEIZER, Baltimore, Md. Filed Apr. 3, 1926. Serial No. 99,608. 1 Claim. (Cl. 72—41.)



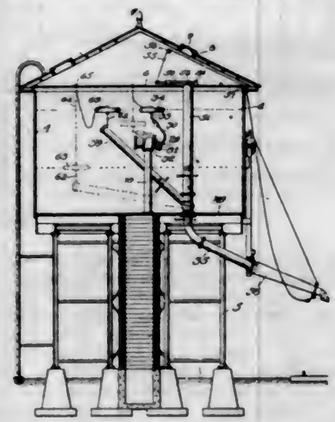
In a building block, an integral layer of material impervious to moisture and projecting beyond two faces thereof, the opposite faces being correspondingly grooved, to receive the projecting portions of the adjacent blocks when assembled in a wall or the like each projecting portion of the layer being provided with series of holes in its outer end, for the purpose specified.

1,621,958. VULCANIZER. LEWIS O. SNARR, Toledo, Ohio. Filed Apr. 17, 1926. Serial No. 102,648. 5 Claims. (Cl. 18—18.)



1. In a vulcanizing shoe formed of heat conducting material and having a relative thick central portion and tapering toward the edges of the shoe, an electrical heat unit located at the central portion for heating the shoe.

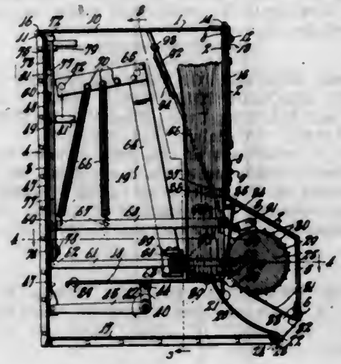
1,621,959. STORAGE TANK. BARTON S. SNOW, Batavia, Ill., assignor to T. W. Snow Construction Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 19, 1925. Serial No. 70,033. 4 Claims. (Cl. 137—21.)



1. Water-storage apparatus, comprising a tank, a valve controlling the flow of water therefrom and comprising a valve body in said tank containing an inlet and an outlet and a valve proper controlling the flow of water through said valve body, and means controlling the flow of water into said inlet, said valve body having an upwardly projecting extension and said valve proper being bodily liftable out of said body and extension, said extension projecting close to the top of the tank to prevent draining of the latter through the upper end of said extension when said valve proper is removed.

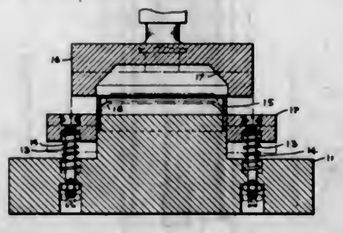
1,621,960. VENDING MACHINE. DAVID H. STEWART and GEORGE W. NELSON, Kent, Ohio, assignors to Stewart Machine Co., Kent, Ohio. Filed Dec. 14, 1923. Serial No. 680,697. 17 Claims. (Cl. 211—8.)

1. In a vending machine of the character described, a delivery mechanism arranged to grip the outermost one of a pack of papers at the lower end thereof, a presser follower comprising a rigid lower portion that exerts pressure against the paper pack in line with the delivery mechanism and a flexible upper portion that yieldingly sustains the upper portion of the paper pack in a vertical position, guideways at the sides of the machine, guides slidable along said guideways, and yieldable means connecting said guides with said rigid portion of the follower whereby said follower may assume various positions in a plane normal to the pack to adapt itself to varying side-



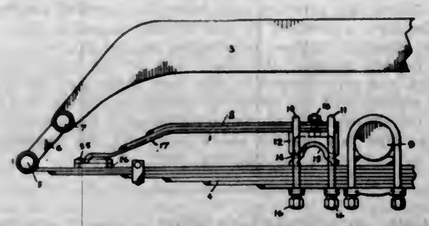
edge thicknesses of the pack and means exerting independent yielding pressures on said guides in the direction of said delivery mechanism.

1,621,961. ANGLE SPLIT RING. MELVIN STRINGER, Pottstown, Pa. Filed Aug. 28, 1924. Serial No. 734,698. 3 Claims. (Cl. 188—250.)



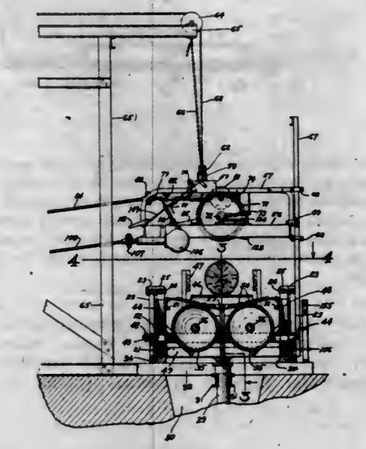
2. The band portion of a band brake mechanism comprising a pair of flanged rings secured parallel, and a loop substantially at the centre thereof upon the inside extending over opposite sides of said adjacent flanges and secured upon the inside of the rim thereof, said loop formed out of an integral piece of metal having bifurcated ends.

1,621,962. SPRING ACTION. MELVIN STRINGER, New York, N. Y. Filed Oct. 26, 1925. Serial No. 64,801. 4 Claims. (Cl. 267—45.)



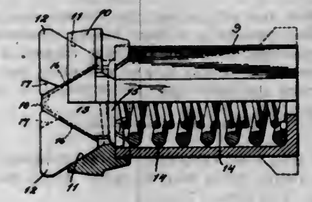
1. In combination with a vehicle, an axle supported spring having a shackle for supporting the body of said vehicle, a second spring free from the body of said vehicle adapted to continuously oppose the reaction of said first mentioned spring at a point adjacent the shackle thereof, and in combination with said second spring means for varying the degree of its said opposition.

1,621,963. POLE-PUNCTURING MACHINE. ROBERT D. VALENTINE, Minneapolis, Minn., assignor, by mesne assignments, to National Pole & Treating Company, Minneapolis, Minn., a Corporation of Delaware. Filed June 4, 1923. Serial No. 643,256. 27 Claims. (Cl. 144—2.)



1. In a pole puncturing machine, means for supporting the pole, said means being mounted to be raised bodily and tiltable to adapt itself to irregular or crooked poles, and pole puncturing means entering the pole on lines normal to its surface, supported to be correspondingly tiltable to maintain said lines normal.

1,621,964. DRAFT GEAR. EDMUND H. WALKER, New York, N. Y. Filed Mar. 29, 1924. Serial No. 702,795. 10 Claims. (Cl. 213—26.)
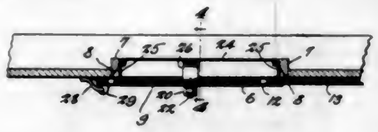


1. A friction shock absorbing mechanism for railway draft rigging involving a spring barrel, a friction box positioned at one end of said barrel, a spring mounted within said barrel, a plurality of wedge blocks cooperating with the friction box, a center wedge block, and means disposed along opposite sides of the center wedge block adapted to interengagingly coact with an adjacent portion of each of the first named wedge blocks, said means serving to facilitate correct assembly thereof.

1,621,965. METHOD OF TREATING ANIMAL TISSUE AND PRODUCTS OBTAINED THEREFROM. FRIEDRICH WILHELM WEBER, Hackensack, N. J., assignor to Maywood Chemical Works, Maywood, N. J., a Corporation of New Jersey. Filed Apr. 4, 1924. Serial No. 704,282. Renewed Aug. 6, 1926. 16 Claims. (Cl. 149—5.)

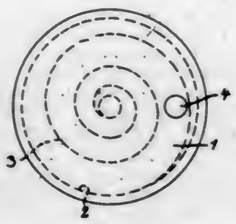
1. The process of treating animal tissue, comprising acting in the presence of sodium chloride upon the tissue, prepared in any of the well known ways, with a solution of a salt of a rare earth metal capable of forming a basic salt.

1,621,966. CRANK LOCK FOR BOX-CAR DOORS. ADOLPH E. ASHLEMAN and THOMAS E. HANEY, Waco, Tex. Filed July 6, 1926. Serial No. 120,771. 5 Claims. (Cl. 20—22.)



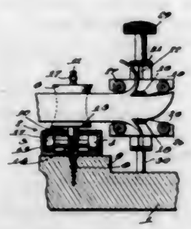
1. A sliding door for cars including an outer section and an inner section pivotally connected to the outer section and adapted to be extended into the door opening, means for operating the door, and said inner section adapted to automatically move to a position in close engagement with the outer section when the door is moved to its open position.

1,621,967. SAFETY PLATE AGAINST BURNING DURING COOKING. ARTHUR BUTZ, Halbau, Silesia, Germany. Filed Nov. 11, 1924. Serial No. 749,350, and in Germany Mar. 12, 1924. 3 Claims. (Cl. 53—1.)



1. A device for preventing the boiling over of milk or like fluids, comprising a plate having downwardly extending supporting means on the edge thereof, a spirally formed recess on the lower face of said plate, and a vapor exit connecting the outer end of said recess to the space above said plate.

1,621,968. BEAN STRINGER. JAMES HERBERT CARTER, Oakland, Calif. Filed Mar. 3, 1926. Serial No. 92,042. 4 Claims. (Cl. 146—171.)

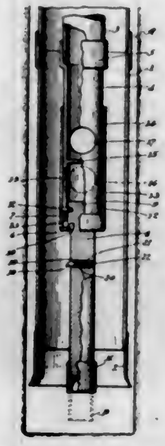


1. A device of the character described having a pair of knives and movable frames carrying the knives, means limiting the movement of the frames toward each other thereby sustaining the knives in normally spaced relationship, a pair of vertical guide rollers between which an article to be cut is inserted, in combination a carriage upon which one guide roller is mounted, resilient means so connected between the roller as to normally keep the guide rollers together, a transverse track on which the carriage runs upon movement of the respective roller to accommodate said article when moved between the rollers, and transverse rollers carried by said frame being located in advance of the knives thereby to be engaged by said article to separate the frames and knives and gauge the depth of the cut.

1,621,969. PROCESS FOR THE TREATMENT OF ORES WITH CHLORIDE SOLUTIONS. NIELS C. CHRISTENSEN, Salt Lake City, Utah. Filed May 18, 1926. Serial No. 110,025. 27 Claims. (Cl. 75—18.)

1. In the treatment of ores with chloride brines, the improvement which consists in neutralizing the corrosive constituents of the solution by adding a readily soluble oxidized compound to the mixture of ore and brine after the treatment of said ore with said chloride brine.

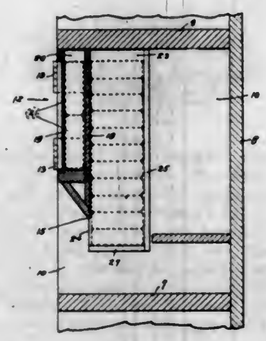
1,621,970. CEMENTING BAILER. SPENCER D. COATES, PAUL H. DAVIS, and ABBOTT B. JENKS, Santa Fe Springs, Calif. Filed Mar. 10, 1926. Serial No. 93,627. 4 Claims. (Cl. 294—72.)



1. A dump bailer comprising a pipe having a transverse partition and a discharge port in the pipe above the partition, an exterior and an interior abutment surface at the lower end of the pipe, a sleeve slidable on the pipe and normally resting on the exterior abutment surface, said sleeve having a port in non-alinement with the discharge port and below the partition for closing the discharge port when the sleeve is in normal position, an impact member slidable in and projecting beyond the lower end of the pipe below the partition and normally extended relative to the pipe, a shoulder on said member engaging the interior abutment surface for limiting normal projection of the impact member, the lower end of the pipe being slotted, and pins slidable in said slots connecting the impact member and the sleeve for raising the sleeve on the pipe by telescoping of the impact member in the lower end of the pipe to aline the sleeve port with the discharge port so as to open the discharge port.

1,621,971. DISPENSING CABINET. RENE C. CURTIS, Martinez, Calif. Filed Jan. 20, 1926. Serial No. 82,548. 2 Claims. (Cl. 211—8.)

1. In an article of the character described, a casing, a door closing the upper portion of said casing, a row of straight vertical chutes on the back of said door and extending below the door but terminating above the bottom of said casing, strips at the lower ends of said chutes for holding packages in said chutes, said casing being open in the lower part thereof so that a hand may reach into said casing under said door, there being a space between



the back of the chutes and the back of the casing large enough for a hand to engage the back of the lowest package in a chute and slidably pull it therefrom.

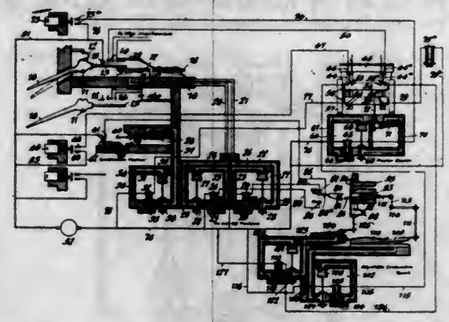
1,621,972. ANTIGLARE SHIELD FOR MOTOR VEHICLES AND THE LIKE. WESLEY C. DARBY, Des Moines, Iowa. Filed Feb. 1, 1926. Serial No. 85,206. 5 Claims. (Cl. 296—97.)



1. In a device of the class described, a casing having a longitudinal slot therein, a shaft mounted in the ends of said casing for rotation, a roller fixed on said shaft in said casing, said shaft being able to slide in the ends of the casing, a spring on the shaft between the roller and one end of the casing, the one end of said roller having a series of holes, a tongue projecting from the adjacent end of the casing and adapted to coact with said holes, a movable member adapted to be moved to position between the tongue and the roller, and a transparent strip mounted on said roller.

1,621,973. COMBINATION STOP MECHANISM FOR ORGANS. CHARLES N. DEVERALL, Buffalo, N. Y., assignor to The Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N. Y., a Corporation of New York. Filed Aug. 28, 1924. Serial No. 734,598. 24 Claims. (Cl. 84—345.)

15. In an electro-pneumatic organ, the combination of a plurality of stop keys, actuating devices for moving them to their "on" and "off" positions, a combination mechanism connected with said actuating devices for controlling desired stop combinations, a piston for controlling said combination mechanism, an electrical circuit including the aforesaid elements, a plurality of switch arms in said circuit governing said actuating devices, and adjustable mechanism controlled from the organ bench for operating said switch arms, comprising push rods arranged to engage said switch arms for moving them to their "on" or "off" positions, means in said circuit and controlled by said combination piston for actuating said push rods, selecting members connected with said push



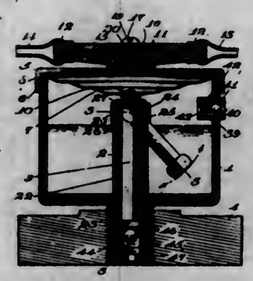
rods for setting them in position preparatory to being actuated, and means in said circuit and controlled by the stop keys for actuating said selecting members.

1,621,974. COMBINED DOOR HOLDER AND CHECK DEVICE. JAMES DENNIHAN, Rodondo Beach, Calif. Filed Dec. 19, 1925. Serial No. 76,430. 3 Claims. (Cl. 16—84.)



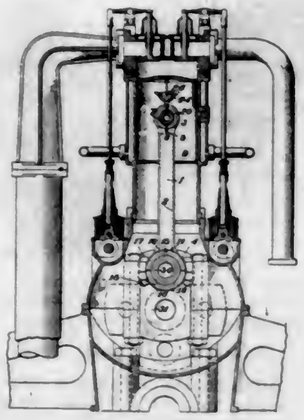
1. A suction door holder comprising a cup shaped member formed of a resilient material adapted for securement to a support and disposed in the path of a swinging door, said suction member adapted to engage and hold the door against movement by the suction of the cup shaped member when the same is brought thereagainst.

1,621,975. PNEUMATICALLY-OPERATED LUBRICATOR. JAMES EDISON ERSKINE, Jacksonville, Fla. Filed Dec. 29, 1924. Serial No. 758,663. 5 Claims. (Cl. 184—7.)



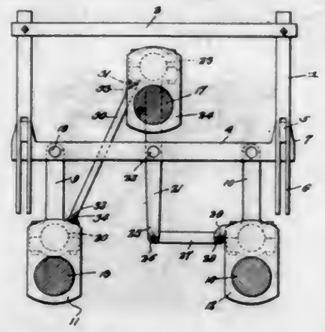
5. A lubricating system comprising a plurality of lubricators, each including a lubricant discharge chamber, a conduit by which all the lubricators are connected, a control by the operation of which pneumatic impulses are produced in said lubricators through said conduit, means in each lubricator comprising a resilient diaphragm adapted to be actuated by said pneumatic impulses, and means operated by actuation of the diaphragm to admit and expel charges of oil to and from the discharge chamber.

1,621,976. SELF-LUBRICATING PITMAN. THOMAS M. FINLEY and ALLEN W. BROWN, St. Louis, Mo. Original application filed Jan. 14, 1920, Serial No. 351,346. Divided and this application filed Jan. 27, 1920. Serial No. 354,454. 8 Claims. (Cl. 184—11.)



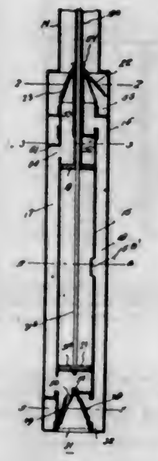
1. In a splash system, a connecting rod arranged substantially vertically and having upper and lower bearings and provided with a longitudinal lubricant passage connecting the said bearings to permit lubricant to pass from the upper bearing to the lower bearing, the lower end of the pitman rod having a slot arranged to catch lubricant and throw the same upwardly, said slot also communicating with the lower bearing and forming an outlet for the lubricant passage to permit lubricant to flow therefrom to the exterior of the pitman and a receptacle carried by the upper end of the pitman and arranged to catch lubricant splashed upwardly by the lower end of the pitman and feed the said lubricant to the bearings.

1,621,977. FLEXIBLE POWER TRANSMISSION FOR INTERNAL-COMBUSTION ENGINES. THOMAS M. FINLEY, St. Louis, Mo. Filed May 21, 1926. Serial No. 110,734. 11 Claims. (Cl. 74—14.)



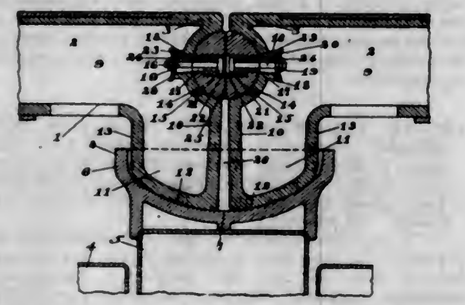
1. In a gearless flexible power transmission, the combination of a plurality of internal combustion engines, having spaced parallel crank shafts, a power transmission crank shaft extending longitudinally of the crank shafts in spaced relation with the same and located beyond the plane of the engine crank shafts, and mechanism including connecting rods for transmitting power from the engine crank shafts to the power transmission crank shaft, and means for producing a rotation of the engine crank shafts in opposite directions.

1,621,978. PUMP. VERLA L. FORMWAY and ROY F. FORMWAY, Roby, Tex. Filed July 23, 1926. Serial No. 124,418. 4 Claims. (Cl. 103—156.)



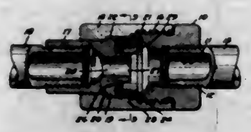
1. In a pump and in combination, an outer cylinder, an inner cylinder, said inner cylinder fixed with respect to the outer cylinder and provided with ports, lower and upper pistons adapted to be synchronously moved in opposite direction in the inner cylinder, a valve frame with ports removably arranged in the lower portion of the inner cylinder and spaced from the outer cylinder, a valve frame with ports removably arranged in the upper portion of the inner cylinder and spaced from the outer cylinder, valves carried by said frames; the lower end of the rod of the lower piston being adapted for detachable connection to the lower valve frame and the said valve frame being also adapted for said detachable connection, means dividing the space between the outer and inner cylinders into chambers, and means dividing the upper valve frame into chambers.

1,621,979. ARTICULATED CAR. CARL G. FRELIN, Bellevue, Pa., assignor to Pressed Steel Car Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Oct. 2, 1926. Serial No. 139,095. 18 Claims. (Cl. 105—4.)



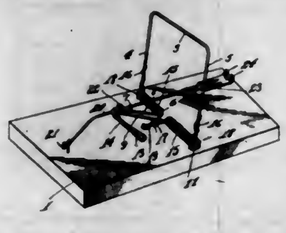
1. In an articulated car comprising a plurality of adjacent car bodies, and buffing means between said bodies, said means comprising a pair of members having contacting bearing surfaces parallel to each other in all directions.

1,621,980. FLEXIBLE COUPLING. LOUIS GOODMAN, San Francisco, Calif. Filed May 29, 1926. Serial No. 112,698. 3 Claims. (Cl. 285—120.)



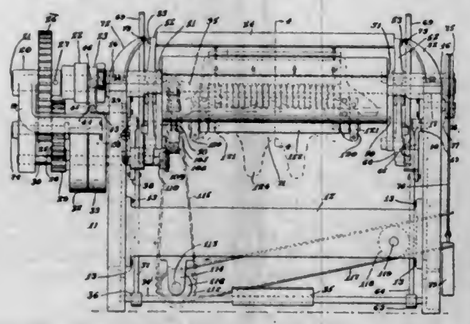
1. A flexible coupling comprising a hollow body portion having its inner end counterbored, a ferrule adapted to be secured to said body portion and having an inner bore of substantially the same diameter as said counterbore, a nipple rotatably retained by said ferrule, the inner end of said nipple being spaced from the junction between said bores, and a cup washer seated against the inner end of the nipple and extended past the junction between said bores whereby both the junctions between the ferrule and nipple, and ferrule and body portion, are sealed.

1,621,981. MOUSETRAP. EDWIN C. HARDESTY, Abernathy, Tex. Filed Nov. 9, 1926. Serial No. 147,296. 5 Claims. (Cl. 43—81.)



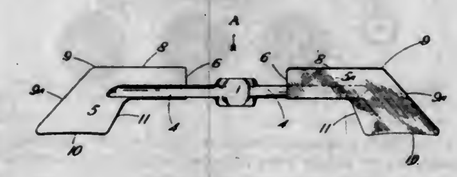
1. A trap comprising a base, a jaw pivoted to said base, spring means yieldably resisting upward movement of the jaw to a set position, a setting lever carried by and extending rearwardly from said jaw and formed with a side arm, and a trigger pivoted to the base and extending forwardly beyond the pivotal mounting of the jaw and provided with bait holding means, said trigger being adapted to engage said lever at the inner end of its side arm and releasably retain the jaw in a set position.

1,621,982. CHEEKING MACHINE. DANA E. HARDING, Arlington, Mass., assignor to Harding Engineering Company, East Boston, Mass., a Corporation of Massachusetts. Filed May 13, 1925. Serial No. 30,031. 5 Claims. (Cl. 149—18.)



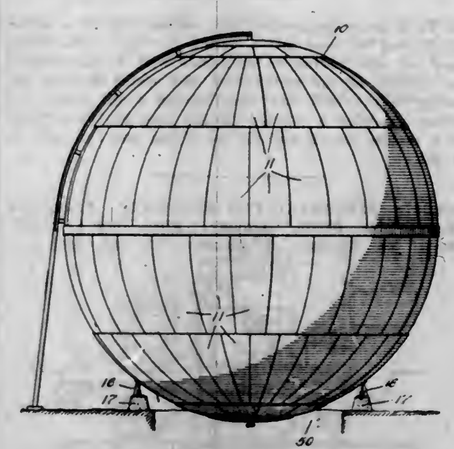
5. An improved cheeking machine, comprising a rotatably mounted shaft, a hide holding sector secured to said shaft and rotatable therewith, a longitudinal groove on said sector, a toggle operated locking device cooperating therewith, and means for automatically holding the hide in clamped position on the sector during the rotation of such sector.

1,621,983. AERIAL PROPELLER. ALEXANDER HARPER and STEWART ALEXANDER HARPER, Dunedin, New Zealand. Filed Dec. 4, 1925. Serial No. 73,227. 2 Claims. (Cl. 170—159.)



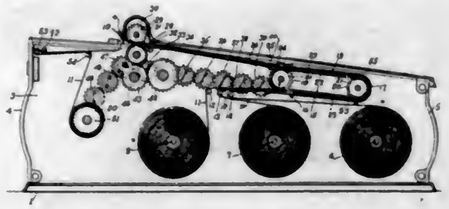
1. A rotatable aerial propeller including a boss member and radius members projecting at diametrically opposite points therefrom, said radius members having a flat surface inclined to the transverse plane of the member and to the axial plane of the boss member, a wing secured to the flat surface of each radius member said wings being positively arranged on the respective radius members and having an edge between the radius member and the leading edge of the wing disposed at right angles to the longitudinal plane of the radius member and an edge leading from the radius member to the trailing edge of the wing at an angle to such plane the free edge of the wing beyond the radius member extending from the leading edge to the trailing edge at an inclination to the longitudinal plane of the radius member.

1,621,984. GAS HOLDER. GEORGE T. HORTON, Chicago, Ill. Filed Nov. 7, 1925. Serial No. 67,547. 2 Claims. (Cl. 220—1.)



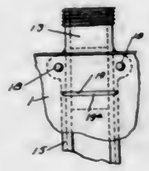
1. A gas holder comprising a spherical shell substantially supported by supporting legs resting on foundations and attached at their upper ends to the shell on the line of a circle lying in a horizontal plane and having a diameter substantially less than the diameter of a great circle of said shell; and stiffening members inside of said shell lying above said legs, each of said stiffening members comprising a substantially rectangular flat piece of material set on edge at its outer edge curved to conform to the curvature of the shell and attached thereto, and its inner edge provided with a stiffening member.

1,621,985. AUTOGRAPHIC REGISTER. PHILIP A. JACKSON, Dayton, Ohio, assignor to The Egry Register Company, Dayton, Ohio, a Corporation of Ohio. Filed Dec. 26, 1924. Serial No. 758,075. 11 Claims. (Cl. 282—16.)



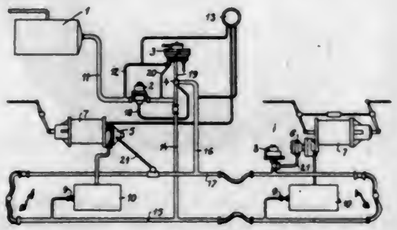
9. In an autographic register, means for supporting a plurality of supply rolls of paper, means of assembling sheets therefrom below and substantially to the rear of a writing table, paper feeding means for feeding the latter in superimposed relation onto the table, and paper guiding means substantially encircling the paper feeding means.

1,621,986. METER CONNECTION. WILLIAM H. KAISER, Harborcreek Township, Pa., assignor to American Meter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 23, 1924. Serial No. 745,485. 2 Claims. (Cl. 73—1.)



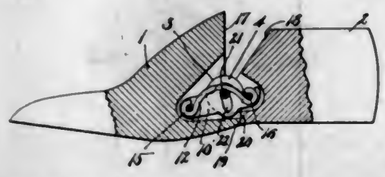
1. In a meter connection, the combination of a meter wall having an opening; a fitting having a connection upper end and having an open side with a surrounding face secured to the meter wall and sealed around the opening in the wall, said wall having a slit above the opening exposing a portion of the face of the fitting; and a sealing means uniting the fitting and the wall at the slit.

1,621,987. AIR BRAKE FOR RAILWAYS. FLORENTIN KASANTZEFF, Berlin, Germany. Filed July 11, 1924. Serial No. 725,444. 7 Claims. (Cl. 303—30.)



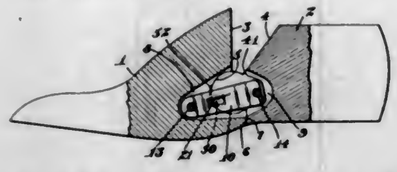
1. Air brake for railways comprising in combination with the engineer's valve, a train air pipe, a handle, a governing chamber, a compressed air inlet and an air outlet on said chamber, means connected to said handle for altering the cross-section of only one of said air passages, the other remaining constant, so as to produce different pressures in said chamber at different positions of said handle, and means for producing corresponding pressures in the train air pipe.

1,621,988. LAST. WALTER A. KRENTLER, Detroit, Mich., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich., a Corporation of Michigan. Filed Aug. 22, 1923. Serial No. 658,806. 6 Claims. (Cl. 12—136.)



1. A two-part last having said parts constructed and arranged for relative movement about a pre-determined axis, means connecting said parts movable on a different axis and means formed on said last named means acting automatically to permit the movement of said last parts and connecting means on the different axes at substantially uniform tension.

1,621,989. LAST. WALTER A. KRENTLER, Detroit, Mich., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 8, 1925. Serial No. 74,166. 1 Claim. (Cl. 12—136.)



A last having a forepart and a heel part relatively movable, a connecting spring member and means associated with said spring member to span the joint between the fore part and heel part and bear upon the adjacent surfaces of said forepart and heel part.

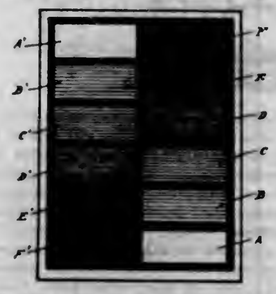
1,621,990. AUTOMATIC PENCIL. LEO H. LIPPERT, Brookings, S. Dak., and RAGNVALD BERGERSON, Chicago, Ill. Filed Nov. 13, 1924. Serial No. 749,699. 1 Claim. (Cl. 120—18.)



A pencil of the character described, including a tubular body portion, said body portion having internal threads disposed throughout substantially one-half of

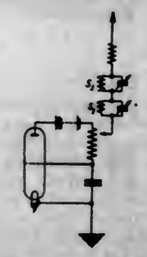
the length of the body portion, a tubular magazine having an enlarged upper portion for containing lengths of lead and having a lower restricted portion, and a tapered funnel-shaped portion connecting the enlarged portion and restricted portion to feed lead to the restricted portion, said restricted portion having its side walls cut away at opposite sides providing slots and having inclined surfaces adjacent to the upper edges thereof, a nut slidable on the restricted portion, spring fingers carried by the nut and adapted to extend into the slots to grip a length of lead therebetween to hold and feed the lead towards one end of the body portion, said nut adapted to cooperate with the threads of the body portion, when the magazine is rotated, to move the spring fingers longitudinally of the body portion, and said fingers adapted to move over the inclined surface to move the fingers to release the lead held thereby.

1,621,991. DEVICE FOR DETERMINING PHOTOGRAPHIC EXPOSURES. EMIL MAYER, Vienna, Austria. Filed Aug. 27, 1923, Serial No. 659,455, and in Austria May 30, 1923. 1 Claim. (Cl. 95—10.)



A testing plate for photo-printing purposes and the like, embodying two substantially identical series of sections of varying transparency arranged side by side, the most transparent section of one of said series being adjacent the darkest section of the other series.

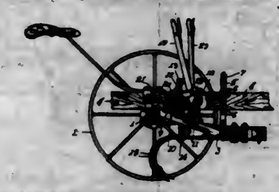
1,621,992. VALVE GENERATOR ARRANGEMENT. ALEXANDER MEISSNER, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany, a Corporation of Germany. Filed Sept. 3, 1921, Serial No. 498,418, and in Germany Dec. 22, 1917. 3 Claims. (Cl. 250—36.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. An arrangement for transmitting radio frequency energy comprising a vacuum tube generator, an antenna connected with the generator, and closed circuits in the antenna tuned individually to different harmonics of the basic frequency of the generator for preventing radiation of such harmonics from the arrangement.
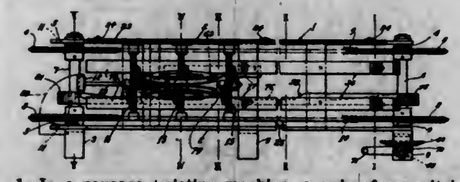
1,621,993. AGRICULTURAL IMPLEMENT. JOHN A. MILLS, Lancaster, Tex. Filed Aug. 21, 1926. Serial No. 130,743. 3 Claims. (Cl. 97—237.)

1. In an implement of the character described including with a wheeled frame having a tongue; a brace connected to the forward portion of said frame and adjustably embracing said tongue; a multiplicity of staggeringly arranged plow shanks pivotally connected with the forward portion of said frame and capable of



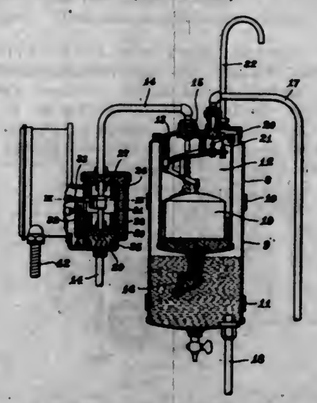
vertical movement; a pair of shafts mounted in parallel relationship on said frame, flexible means carried by said shafts to depend and engage alternate ones of said plow shanks, and means to cause rotation of said shafts independently to elevate alternately arranged plow shanks.

1,621,994. SAUSAGE-TWISTING MACHINE. JOLLY L. MORRIS, Crafton, and CHARLES H. ALLEN, Pittsburgh, Pa., assignors of one-half to William F. Fried, Richard H. Fried, and Edward B. Fried, Pittsburgh, Pa. Filed Aug. 9, 1926. Serial No. 127,996. 19 Claims. (Cl. 17—34.)



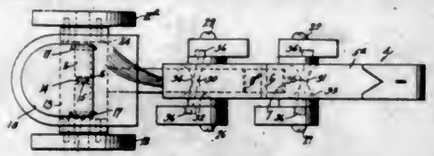
1. In a sausage twisting machine, a pair of oppositely rotatable superimposed annular planes adapted to receive therebetween two sausage-links and rotate same in opposite directions.

1,621,995. INDICATING DEVICE. EDMUND QUINCY MOSES, New York, N. Y., and GERALD E. TERWILLIGER, Newark, and WILLIAM P. HAMMOND, Passaic, N. J.; Laura E. M. Terwilliger executrix of said Gerald E. Terwilliger, deceased. Filed July 26, 1916. Serial No. 111,475. 5 Claims. (Cl. 285—1.)



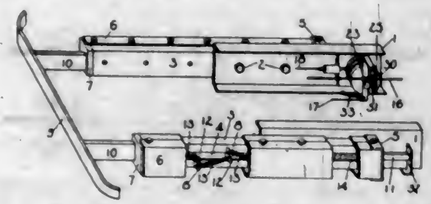
1. Means for resetting the reading of gear driven distance indicator devices for motor vehicles which comprises providing a double worm gear reduction drive as a part of the device, a pivoted bearing mount for the second of said worm gears, and a lever means periodically operated by the vacuum feed device of the motor of said vehicles to engage and rotate said pivoted bearing mount to momentarily disengage the said second worm gear from further parts of the indicating mechanism driven thereby.

1,621,996. FIGURE WHEEL WALKING TOY. FRANCIS M. MULLIGAN, Butte, Mont. Filed Apr. 3, 1926. Serial No. 99,462. 5 Claims. (Cl. 46—45.)



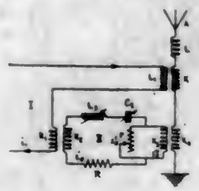
1. A toy of the nature described, comprising ground engaging wheels, a vehicle pivotally associated with said wheels, pins on said wheels cooperating with the vehicle to alternately rock the body of the vehicle in opposite directions on said pivot, a figure at the front of the toy associated with the vehicle and means associated with the figure and vehicle to transmit the rocking motion from the vehicle to the figure.

1,621,997. BUMPER FOR AUTOMOBILES. GAETANO NIGRO, Thompsonville, Conn. Filed May 27, 1926. Serial No. 111,975. 8 Claims. (Cl. 180—83.)



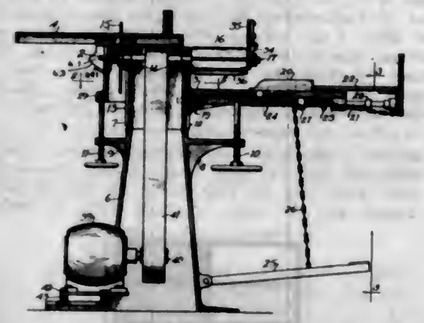
1. The combination, in a bumper for automobiles, with casings adapted to be attached to a chassis, plungers slidingly arranged in said casings, and a cross-bar at the front ends of said plungers, of springs laterally disposed relative to said casings and said plungers, and adapted when expanded to act on said plungers to force them forwardly, and springs axially disposed relative to said plungers, and adapted when contracted also to act on said plungers to force them forwardly.

1,621,998. ARRANGEMENT FOR ELIMINATING DISTURBING WAVES IN RADIOFREQUENCY CIRCUITS. MENDEL OSNOS, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches Ufer 12/13, Berlin, Germany. Filed Apr. 30, 1923, Serial No. 635,413, and in Germany May 8, 1922. 5 Claims. (Cl. 250—17.)



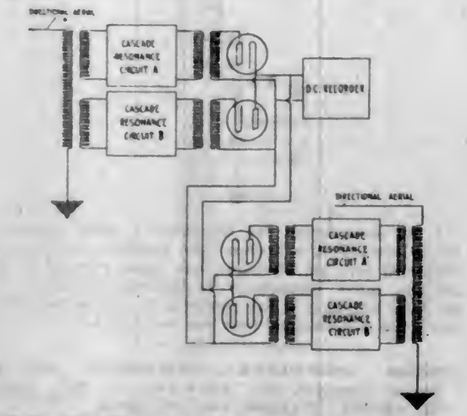
1. A means for eliminating disturbing waves in radio frequency circuits comprising, an antenna circuit, an energy circuit adapted to supply energy to said antenna, a coupling means between said energy circuit and said antenna circuit, a quenching circuit coupled to said energy circuit and also to said antenna circuit, said quenching circuit adapted to be tuned to an undesired harmonic in said antenna, and means for shifting the phase of the harmonic oscillation in said quenching circuit so that the harmonic in the said antenna circuit may be neutralized, said phase shifting being accomplished by varying the degree of coupling between the said energy and quenching circuits.

1,621,999. COMBINATION WOODWORKING MACHINE. JOHN D. PIERCE, Chicago, Ill., assignor to Combination Woodworking Machine Co., Chicago, Ill., a Corporation of Ohio. Filed Feb. 28, 1924. Serial No. 695,712. 7 Claims. (Cl. 144—1.)



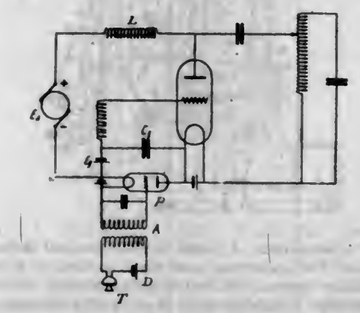
1. A woodworking machine comprising a frame, a vertically adjustable table mounted on one side of said frame, an operating spindle journaled adjacent the top of said frame on a horizontal axis and having a portion thereof projecting beyond said frame and overhanging said table, a rotatable cutter-head mounted on the overhanging portion of said spindle, a pair of stationary supporting members rigidly attached to said frame on respectively opposite sides of said spindle and located substantially in the horizontal plane of said cutter-head, and a bearing member located beyond the outer end of said cutter-head and secured to said stationary supporting members to form a bearing for the outer end of said spindle whereby the top of said vertically adjustable table is free from obstruction both underneath and beyond the end of said cutter-head and is adapted to support wider material than said cutter-head while the upper surface of said material is being operated on by said cutter-head substantially as described.

1,622,000. WIRELESS-TELEGRAPH RECEIVING SYSTEM. HENRY JOSEPH ROUND, London, England, assignor to Radio Corporation of America, a Corporation of Delaware. Filed Feb. 2, 1923, Serial No. 616,452, and in Great Britain Feb. 21, 1922. 7 Claims. (Cl. 250—20.)



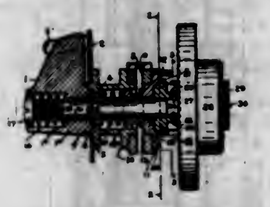
5. In a wireless telegraph receiving system the combination of two directional aerials spaced apart by a fraction of a wave length to be received, two resonance circuits coupled to each aerial, a detector coupled to each of said resonance circuits, and a recording device, all of said detectors being connected in parallel with said recording device.

1,622,001. CIRCUIT ARRANGEMENT FOR GENERATING ELECTRICAL OSCILLATIONS. HANS RUKOP, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany, a Corporation of Germany. Filed Dec. 27, 1922, Serial No. 609,183, and in Germany Feb. 14, 1922. 3 Claims. (Cl. 179—171.)



2. In an alternating current system, a three-electrode tube having an anode circuit, a source of energy in the anode circuit, a modulator tube in the anode circuit between the cathode and the source of energy, and acting as a variable resistance in the anode circuit, and the grid circuit of said first tube connected with the anode circuit between the modulator tube and the source of energy.
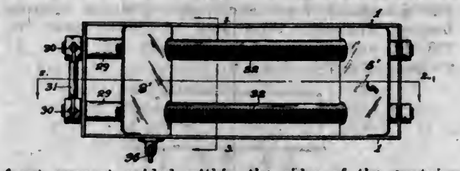
1,622,002. TIMER FOR ELECTRICALLY-OPERATED DEVICES. EDWIN A. RUTENBER, Milwaukee, Wis., assignor to A. J. Lindemann & Hoversen Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Feb. 2, 1926. Serial No. 85,413. 10 Claims. (Cl. 185—40.)



1. In a device of the character described, a shaft adapted to rotate to wind and to be oppositely rotated on the unwinding of a spring device, means connected with said shaft for measuring and indicating the winding and unwinding movement thereof, connecting devices between said shaft and said means permitting independent movement of said means with respect to said shaft, a part in rigid relation to said means and another part in the path of rotation of said first part in rigid relation to said shaft.

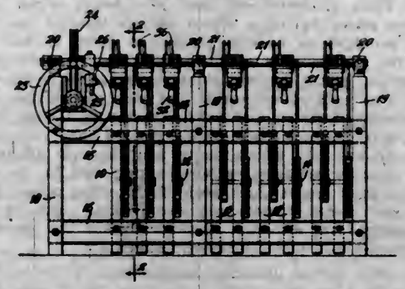
1,622,003. FILE CONTAINER FOR LOOSE-LEAF SHEETS. JOHN SCHADE, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a Voluntary Trust Association of Copartnership, F. B. Towne, E. S. Towne, J. M. Towne, and F. W. Wilson, trustees. Filed June 11, 1924. Serial No. 719,285. 3 Claims. (Cl. 129—16.)

1. A filing tray for loose sheets, comprising a container, rotary members journaled at the bottom of the container and at the ends thereof and carrying rough and smooth floors, a stationary rear support for said sheets, a slidable



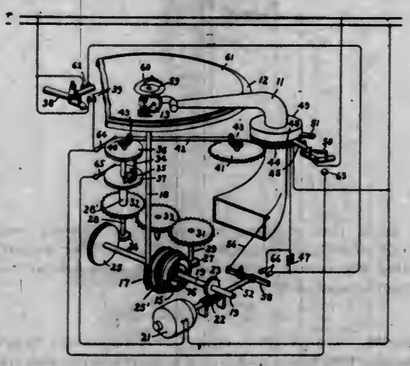
front support guided within the sides of the container, and means for securing said front support when it has been moved rearwardly to clamp the sheets.

1,622,004. APPARATUS FOR CONTROLLING ELECTRIC CIRCUITS. WILLIAM SCHWAGERMANN, Yonkers, N. Y., assignor to Ward Leonard Electric Company, a Corporation of New York. Filed Apr. 1, 1922. Serial No. 548,868. 12 Claims. (Cl. 175—312.)



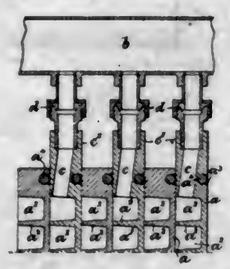
3. The combination of a plurality of electric circuit controlling devices, a common drive shaft therefor, and a plurality of coupling devices between said shaft and said controlling devices each of said coupling devices comprising a pair of elements loosely mounted on said shaft, connecting means between said elements and certain of said controlling devices, and manually adjustable means for connecting either of said elements with said shaft.

1,622,005. PHONOGRAPH. FRANK J. SEABOLT, Schenectady, N. Y., assignor, by direct and mesne assignments, to The Phonograph Company, a Corporation of Delaware. Filed Aug. 2, 1918. Serial No. 247,908. 21 Claims. (Cl. 274—15.)



1. The combination with a spring operated phonograph for playing disc records of different diameters of means for automatically winding the same when the end of a record of any diameter is reached, and means for simultaneously returning the tone arm to its starting point.

1,622,006. HEAT-INTERCHANGE APPARATUS. RICHARD SELIGMAN, Wimbledon, England, assignor to The Aluminium Plant and Vessel Company Limited, London, England. Filed July 15, 1924, Serial No. 726,084, and in Great Britain July 18, 1923. 11 Claims. (Cl. 257—245.)



1. Plate apparatus for heat interchange which comprises plates having a ribbed surface whereof the ribs are arranged in parallel order and form, to and fro of the plates, long continuous zig-zag communicating channels, plates having plane surfaces for contacting with the said ribbed plates and side closing the said channels, admission and exhaust passages to and from the said channels, countersunk grooves about the margins of the said ribbed plates and the said admission and exhaust passages resilient packing cord in the said countersunk grooves and means for exerting pressure on the said plates whereby the said packing cords become compressed and distorted diametrically and the joints between the said plates rendered liquid tight.

1,622,007. MACHINE FOR WINDING YARN. RICHARD GREENHALGH SHARPLES, Radcliffe, Manchester, and CHARLES WILBRAHAM, Worsley, Manchester, England. Filed June 26, 1925, Serial No. 39,690, and in Great Britain July 1, 1924. 8 Claims. (Cl. 242—18.)

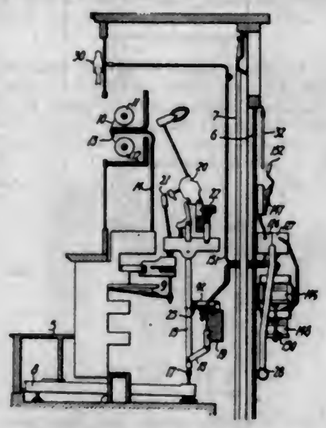


1. In a yarn winding machine, yarn delivery rollers, driving means for said rollers, and means for permitting relative slip between said rollers and said driving means during the operation of the machine.

1,622,008. MAGNETIC ALLOY. WILLOUGHBY STATHAM SMITH, Benchams, and NEWTON POPPLEFORD and HENRY JOSEPH GARNETT, Lymne, Solefields, Sevenoaks, England. Original application filed Jan. 10, 1924, Serial No. 685,432, and in Great Britain Aug. 25, 1923. Divided and this application filed May 2, 1925. Serial No. 27,594. 2 Claims. (Cl. 75—1.)

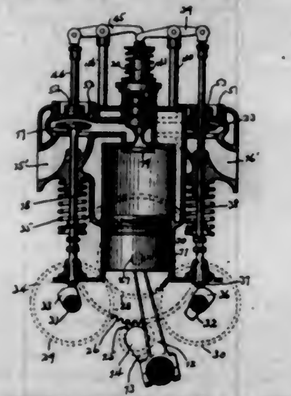
1. An alloy consisting of nickel 73.75% iron 20%, copper 4.5% and manganese 1.75%.

1,622,009. MUSICAL INSTRUMENT. CHARLES SPRINGHORN, New York, N. Y. Filed Sept. 14, 1922. Serial No. 588,169. 28 Claims. (Cl. 84—6.)



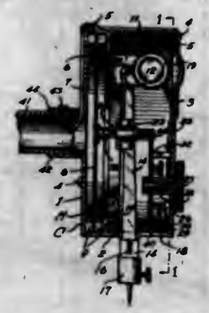
1. In combination, a piano action, manual keys and pneumatics for operating said piano action, a plurality of auxiliary musical instruments, mechanism controlled independently of said manual keys and pneumatics for conditioning said auxiliary musical instruments for operation, and means operated by the piano action in response to the operation of either said keys or pneumatics for causing the actuation of the particular auxiliary musical instrument previously conditioned by the operation of said mechanism.

1,622,010. EXTERNAL-COMBUSTION ENGINE. SAMUEL SUMMER, Albany, N. Y., assignor of one-half to Frank S. Sommer, New York, N. Y. Filed Sept. 26, 1922. Serial No. 590,579. 4 Claims. (Cl. 60—44.)



1. In an external combustion engine, a cylinder, a piston, combustion chambers independent of each other and associated with the said cylinder, an intake valve for one combustion chamber, an exhaust valve for the other combustion chamber, valves one of which makes communication between one of the combustion chambers and the interior of the cylinder and another of which makes communication between another combustion chamber and the interior of the cylinder and means for operating the said valves whereby charges of fuel are successively compressed and trapped in the combustion chamber having the exhaust valve and then in the combustion chamber having the inlet valve, and thereafter the fuel charge thus compressed in the combustion chamber having the exhaust is released into the cylinder to operate the piston and then exhausted from the cylinder, and then the charge of fuel compressed in the combustion chamber having the inlet valve is released into the cylinder to operate the piston and then exhausted from the cylinder.

1,622,011. PHONOGRAPHIC REPRODUCING APPARATUS. ADOLPH A. THOMAS, New York, N. Y. Filed July 28, 1926. Serial No. 125,337. 17 Claims. (Cl. 179—100.1.)



1. A phonograph having mechanical and electrical reproducing means adapted to be operated independently of each other, a horn for amplifying the sound vibrations of both reproducing means, and valve mechanism automatically controlled by the operative condition of each reproducing means to connect the operative reproducing means with said horn.

1,622,012. MANUFACTURE, CENTRIFUGALLY, OF PIPES, COLUMNS, AND THE LIKE. COLIN MCGREGOR URE, Bishopbriggs, Glasgow, Scotland. Filed July 12, 1926, Serial No. 121,911, and in Great Britain Aug. 4, 1925. 4 Claims. (Cl. 25—30.)



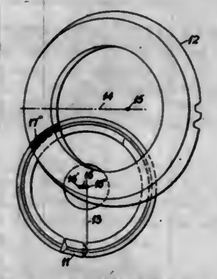
1. A centrifugal casting mould of the kind described comprising rotatable and longitudinally separable parts and pocket means peripherally arranged so as not to be affected by separation of the mould parts, such pocket means being adapted for branch formation.

1,622,013. PRINTED FABRIC. WILLIAM M. WHITING, East Orange, N. J. Filed July 24, 1925. Serial No. 45,730. 2 Claims. (Cl. 41—26.)



1. A printed fabric for use as portières comprising a continuous fabric body to and including the edges thereof, a main body design wrought upon said fabric exclusive of the edge portions thereof, an identical design but of lighter color wrought upon the opposite side of said fabric exclusive of the border thereof, and an edging wrought upon only the right side of said fabric, said edging simulating stitching.

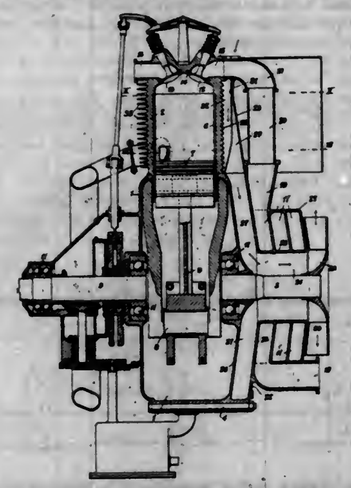
1,622,014. METHOD OF PRODUCING GEARS. ERNEST WILDHABER, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a Corporation of New York. Filed Feb. 23, 1926. Serial No. 90,056. 16 Claims. (Cl. 90—5.)



1. The method of producing a gear which consists in rotating a tool, having annularly arranged cutting portions, in engagement with a gear blank to finish cut one side face of a tooth of the blank, then shifting the tool relative to the blank, in a direction at an angle to the tool axis, to finish cut the adjacent tooth face of the blank, then indexing the blank, and repeating these operations until all the teeth have been cut on the blank.

10. The method of producing a non-generated gear which consists in feeding a rotating tool, provided with a plurality of annularly arranged cutting portions, and a gear blank relatively to each other until proper tooth depth has been reached, then shifting the tool and blank relatively to each other along a straight line in one direction to finish cut one side tooth face of the blank, again shifting the tool and blank relatively to each other along the same straight line but in an opposite direction to finish cut an adjacent tooth face of the blank, withdrawing the tool and blank relatively to each other to index and repeating these operations until all the teeth have been cut.

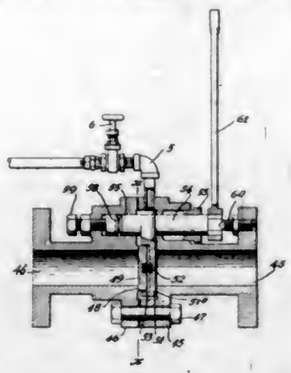
1,622,015. INTERNAL-COMBUSTION ENGINE. JOHN M. WILLIAMS, Jr., Montclair, N. J. Filed Mar. 29, 1921. Serial No. 456,559. 14 Claims. (Cl. 123—171.)



1. In an internal combustion engine, the combination with an engine cylinder having the forward and side por-

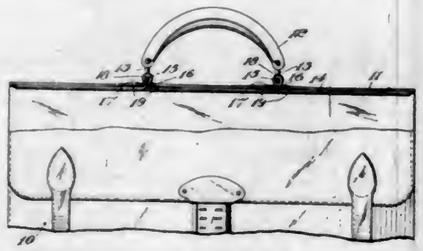
tions thereof exposed to the cooling action of air flowing relatively to the engine, of passage forming means applied to the rear portion of said cylinder and coacting with the rear portion of the cylinder wall to form a passage extending along the rear portion of the cylinder having an air inlet and a discharge outlet to atmosphere, and means driven by the engine for producing a current of air through said passage and in contact with the rear portion of the cylinder wall.

1,622,016. APPARATUS FOR CONTROLLING THE FLOW OF FLUID TO A VALVE. WYLIE G. WILSON, Jersey City, N. J., assignor to Loose Seat Valve Company, a Corporation of Delaware. Filed June 20, 1923. Serial No. 646,698. 5 Claims. (Cl. 137—144.)



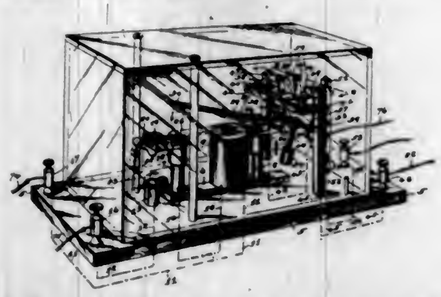
1. In an apparatus wherein fluid under pressure is confined and permitted to flow within a conduit, such flow being controlled by an interposed slide valve, in combination with a constrictor interposed in said conduit in the path of the flow of the fluid to said valve, such constrictor comprising a port having an annular face and a movable element adapted to move in a plane parallel with said face and adjacent thereto, means to operate said slide valve and said movable element simultaneously, the relation between the slide valve and the movable element being such that the slide valve is partially open before the movable element has been moved from its normal position as a constrictor of the port partially closed thereby, into a position where it permits the unrestricted flow of fluid through the conduit, and means to operate said valve and constrictor.

1,622,017. STIFFENER FOR BRIEF CASES AND THE LIKE. CHARLES WINKLER, Newark, and WILLIAM H. BITTNER, Glen Ridge, N. J.; said Bittner assignor to said Winkler. Filed Oct. 7, 1924. Serial No. 742,131. 2 Claims. (Cl. 150—1.6.)



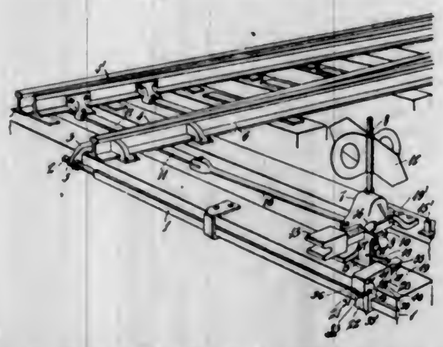
1. In a carrier with a flexible top having spaced slits, a stiffener bar extending to approximately the ends of the top and having substantially closed integral spaced loops formed thereon and extending through the slits in the top whereby the pressure of the sides of the slits against the outside lower faces of the loops holds the bar against the underside of the top, the loops forming means for securing the ends of a handle.

1,622,018. ELECTROMAGNETICALLY-OPERATED CIRCUIT CLOSER. CHARLES ADLER, Jr., Baltimore, Md. Filed June 2, 1923. Serial No. 642,960. 4 Claims. (Cl. 200—90.)



1. The combination with an electro-magnet, of an armature pivoted between its ends, and projecting over the magnet, a pivoted circuit-breaker in the path of one end of the armature to be mechanically struck by the armature-end and thereby be actuated so as to intermittently energize and deenergize said magnet, two stationary contacts, an oscillating circuit-breaker between said two stationary contacts and means carried by the other end of the said armature for mechanically operating the oscillating circuit-breaker to swing the latter from one stationary contact to the other.

1,622,019. SWITCH-INTERLOCKING DEVICE. FRANK C. ANDERSON, Cincinnati, Ohio, assignor to The American Valve and Meter Company, Cincinnati, Ohio, a Corporation of Ohio. Filed May 29, 1926. Serial No. 112,597. 14 Claims. (Cl. 246—147.)



1. A switch-interlocking device comprising an interlocking bar and a plunger retentively engaging said bar at one side of the switch head block, locking means on said plunger below the top of the head block, and a lever connected to said plunger and extending along the track from said plunger, across the head block, and latch-engaging means on said lever near the opposite side of the head block.

1,622,020. ADVERTISING NOVELTY. SVEN V. ANDERSON, Philadelphia, Pa. Filed Feb. 16, 1926. Serial No. 88,654. 3 Claims. (Cl. 40—149.)

1. In an advertising device, a blank having a body portion, and a lateral offset portion, coacting fastening devices on the lower outer ends of said body and offset portions, a vertical weakened line, intermediate said body portion and offset portion, said offset portion being composed of upper and lower horizontally extending members,



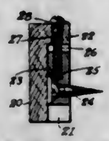
a horizontal weakened line intermediate said upper and lower members, the latter being adapted to have inverted printed matter thereon, and an upper tab, adapted to be bent with respect to said upper member.

1,622,021. MANUFACTURE OF LACE. CHARLES WILFRED BIRKIN, Lamcote, Radcliffe-on-Trent, and HARRY LAWRENCE BIRKIN and ALBERT COXON, Nottingham, England, assignors to Birkin and Company, Nottingham, England. Filed July 5, 1922, Serial No. 572,877, and in Great Britain Mar. 3, 1922. 3 Claims. (Cl. 96—24.)



1. Machine made filet net lace in which each pillar consists of one thread only.

1,622,022. ADJUSTABLE WINDOW-FRAME STILE. CHARLES HENRY BRENNEN, Lansdowne, Pa. Filed May 5, 1926. Serial No. 106,803. 3 Claims. (Cl. 20—12.)

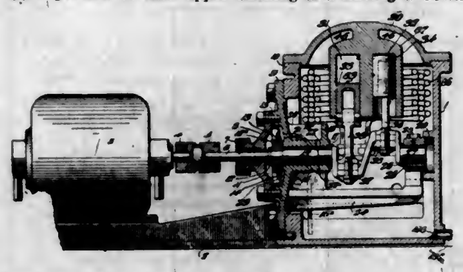


1. In a window frame, the combination of a sash having fixed vertical guides at its outer sides, of transverse blocks fixed adjacent the sash opposed to said guides, said blocks having divergent angular upper and lower surfaces, guide strips engaged on said blocks, and means to adjust said strips on the blocks.

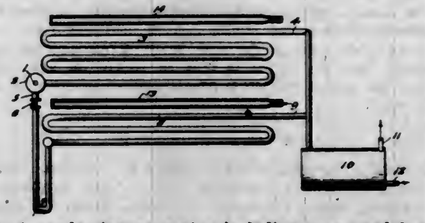
1,622,023. COMPRESSOR FOR REFRIGERATING SYSTEMS. WILLIAM BURLINGHAM, Tenafly, and RALPH L. LOVELL, Cranford, N. J., assignors to Adams, Lovell, Burlingham, Inc., Jersey City, N. J., a Corporation of New York. Filed Dec. 31, 1924. Serial No. 759,064. 16 Claims. (Cl. 230—6.)

1. In a refrigerating system, a compressor housing, a cap therefor, pendant cylinders open at their lower ends and integral with said cap, a crank shaft, a housing closure having an inward extension integral therewith and carrying the bearings for said crank shaft, pistons in said cylinders, and connecting rods for said pistons.

10. In a refrigerating system, a compressor housing, a cap therefor carrying valve chambers, removable upper and lower bushings therein having juxtaposed seats, a delivery valve having an upwardly extending stem located in the upper bushing, an apertured guide in the upper portion of said upper bushing and having a downward extension for guiding said delivery valve stem, a suction valve in said lower bushing and having a pendant stem and a lower apertured guide in said lower bushing and having an upward extension for guiding said suction valve stem.

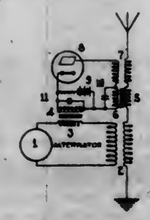


1,622,024. APPARATUS FOR COOLING AND CONDENSATION. VERNON C. CANTER, Charleston, W. Va., assignor to Gasoline Recovery Corporation, a Corporation of Delaware. Filed May 2, 1924. Serial No. 710,667. 3 Claims. (Cl. 257—85.)



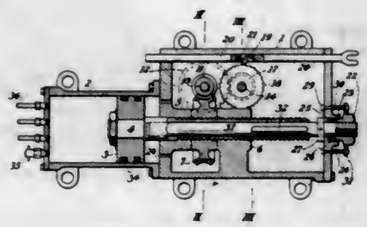
1. A condensing apparatus including upper and lower cooling coils, an inlet header connected to the lower part of the upper coil, receiving means, an outlet pipe extending from the upper part of the upper coil, conveying means connecting said pipe to the receiving means, said receiving means being located relatively lower than either coil, an inlet pipe extending from the header to the bottom of the lower coil and having a liquid trap section extending considerably lower than the bottom of the lower coil, an outlet pipe extending from the top of the lower coil into the conveying means, means for causing a liquid cooling agent to be sprayed over the upper coil, and other means for causing a liquid cooling agent to be sprayed over the lower coil.

1,622,025. SYSTEM OF RADIOTELEGRAPHY. HENRI CHIREIX, Paris, France. Filed July 20, 1923, Serial No. 652,804, and in France Sept. 13, 1922. 14 Claims. (Cl. 250—19.)



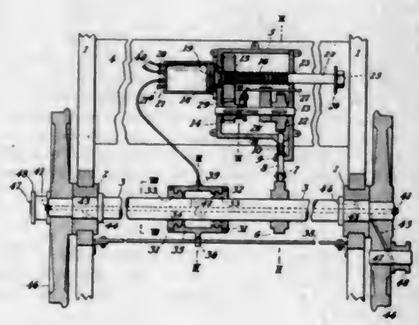
1. The method of transmitting Morse signals which consists in radiating a larger mean power for dots than for dashes.

1,622,026. LUBRICATOR. ARCHIE COUCHMAN and WALTER L. PHILLIPS, Detroit, Mich., assignors of one-third to Louis F. Drinkhahn, Detroit, Mich. Filed Mar. 12, 1926. Serial No. 94,107. 3 Claims. (Cl. 184—37.)



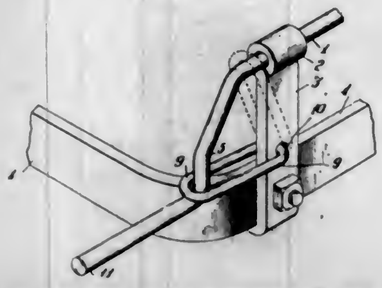
1. In a lubricator, the combination of a container having filler and discharge openings, a casing to which said container is attached, a piston in said container, a hollow externally threaded piston rod extending from said piston into said casing, an internally threaded gear cooperating with said threaded piston rod, means for rotating said gear, a guide extending inwardly from said casing and supporting said piston rod, said guide being permitted limited axial movement through said casing, spring tension means tending to hold said guide back from the piston end of said rod, and a key taking into said guide and said piston rod of such length that the latter is free to rotate on said guide when the piston reaches a predetermined position in said container.

1,622,027. LUBRICATING SYSTEM. ARCHIE COUCHMAN, LOUIS F. DRINKHAHN, and WALTER L. PHILLIPS, Detroit, Mich. Filed Mar. 22, 1926. Serial No. 96,369. 8 Claims. (Cl. 184—7.)



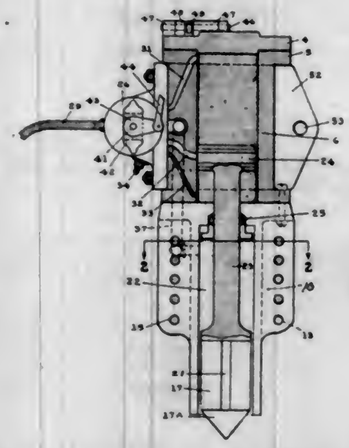
1. In a lubricating system, the combination with a locomotive having the usual frames, axle boxes mounted therein, and a hollow axle journalled in said boxes, of a lubricator mounted on said locomotive, a completely enclosed annular reservoir mounted around said hollow axle the ends of which latter are plugged, means for discharging lubricant from said lubricator as the locomotive travels, a discharge tube connecting said lubricator with said reservoir, said axle having a passage therethrough connecting its bore with the interior of said reservoir, and said axle also having other passages from its bore to the journals of said axle boxes.

1,622,028. CRANK HOLDER. WILBUR J. COULTAS, Moline, Ill., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed July 6, 1926. Serial No. 120,747. 2 Claims. (Cl. 74—33.)



1. In a device of the character described, the combination of a rotatable shaft, a support therefor, a crank operable to rotate the shaft, and a chain link pivotally mounted on the support normally engaging with the crank to hold the latter in a position of disuse.

1,622,029. PIG-BREAKING MACHINE. JAMES P. DOVEL, Birmingham, Ala. Filed Jan. 3, 1921. Serial No. 434,433. 26 Claims. (Cl. 29—66.)

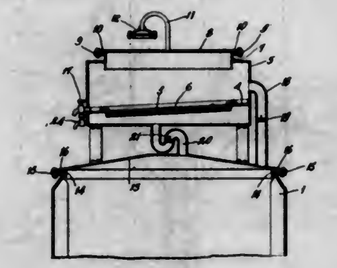


3. A power breaker mechanism, comprising a fluid pressure motor having a piston and piston rod, a breaker head on the piston rod, and guides for the head, the piston, rod and head being integral, and the guides being formed in vertical sections which are bolted to each other and to the cylinder and form the bottom head therefor.

14. A power breaker mechanism, comprising a reciprocable breaking hammer, guides therefor, a motor to reciprocate the hammer, a crane, and spring means to support the mechanism from said crane.

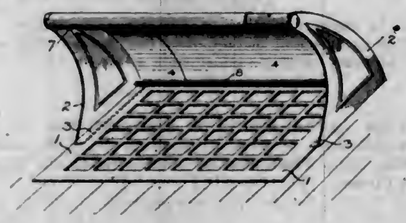
1,622,030. CASING FOR ELECTRICAL APPARATUS. DONALD V. EDWARDS, Troy, N. Y., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Dec. 7, 1922. Serial No. 605,529. 13 Claims. (Cl. 220—85.)

1. The combination with a main tank containing electrical apparatus and oil heated thereby, of an expansion tank communicating with said main tank to receive the overflow therefrom, a diaphragm dividing said expansion tank into two compartments, a filter in said diaphragm between said compartments, a pipe per-



mitting a flow of oil from the main tank to the upper part of the expansion tank, and a pipe permitting the flow of oil from the lower part of the expansion tank to the main tank.

1,622,031. REGISTER HOOD. WILLIAM S. ELTERS, Dayton, Ohio, assignor to The Gem City Sheet Metal Company, Dayton, Ohio, a Corporation of Ohio. Filed Mar. 29, 1926. Serial No. 98,211. 13 Claims. (Cl. 98—103.)



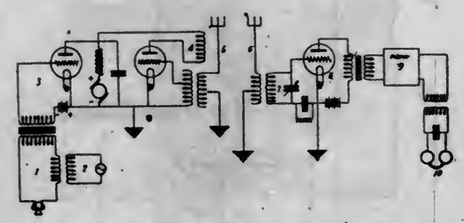
1. In a hood for registers and the like, a structure including end, back and top walls but open at its front comprising two telescopically adjustable sections each including one end wall and a portion of the back and top walls, the latter being arranged in overlapping relation, the end and rear walls being inwardly flanged at their base margins for projection beneath three marginal edges of a register plate, the marginal flange of the rear wall of one section being reversely bent to slidingly enclose the marginal flange of the rear wall of the other section, the forward margins of the top walls of the respective sections being rolled to tubular form with one tubular rolled edge enclosing that of the other section, the telescopic adjustment of the sections enabling the hood to be adjusted to a register plate with the register plate overlying the inturned flanges.

1,622,032. ELECTRICAL CONDUIT. OTTO A. FREDERICKSON, Hartford, Conn., assignor to The American Wiremold Co., Hartford, Conn., a Corporation of Connecticut. Filed Aug. 20, 1925. Serial No. 51,394. 2 Claims. (Cl. 247—27.)



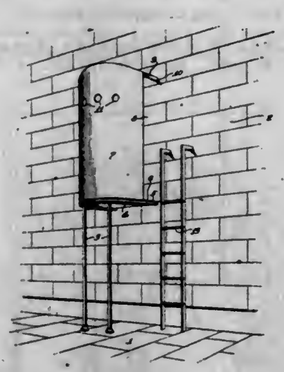
2. A conduit for electric wires formed of a single strip of metal folded to provide an enclosed raceway, with an edge of the strip folded upon itself to provide two spaced plies along one side which stiffen the conduit and permit its connection to the tongue of a fitting without obstructing the raceway.

1,622,033. RADIOTELEPHONY. ALFRED N. GOLDSMITH and JULIUS WEINBERGER, New York, N. Y., assignors to Radio Corporation of America, a Corporation of Delaware. Filed May 26, 1922. Serial No. 563,836. 13 Claims. (Cl. 250—6.)



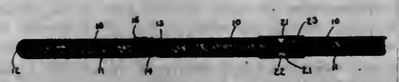
4. In a radio signaling system, the combination of a transmitter, means for generating an interfering tone of a frequency differing from that of a tone of standard musical pitch, and a receiver having filtering means for eliminating said interfering tone.

1,622,034. BANK-GUARD SHIELD. EDWARD A. HAWKS, Detroit, Mich. Filed Apr. 27, 1925. Serial No. 26,116. 1 Claim. (Cl. 89—36.)



The combination with a vertical wall, of horizontally superposed U-shaped frames having the ends thereof mounted in said wall, a bottom plate on the lowermost frame and abutting said wall, and a ported semi-cylindrical shield mounted between said frames, said shield having one vertical edge thereof abutting said wall and the other vertical edge spaced from said wall to form a doorway.

1,622,035. RUG PAD. RICHARD HENDEL, New London, Conn., assignor to E. W. Sutton Carpet Lining Corporation, Brooklyn, N. Y. Filed Nov. 24, 1924. Serial No. 751,913. 4 Claims. (Cl. 154—54.)



1. A rug pad consisting of a plurality of strips each composed of fibrous material having a covering, and connecting strips upon the opposite faces of the pad strips

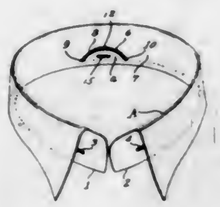
and securing the pad strips to each other with their adjacent edges contiguous, the connecting strips extending longitudinally of the pad strips and completely covering the adjacent edges of the pad strips.

1,622,036. RAIL ANCHOR FOR RAILWAYS. JACOB A. HYLE, Atlantic City, N. J., and NEWTON H. SCOTT, Philadelphia, Pa., assignors to Continental Railway Supply Corporation, a Corporation of Delaware. Filed Nov. 4, 1926. Serial No. 146,108. 9 Claims. (Cl. 238—330.)



1. A single piece rail anchor comprising a jaw portion at one end, a depending resilient portion transversely disposed with relation to said anchor, said resilient portion being in contact with the lower face of the rail in longitudinal alinement with the rail, and an upwardly extended portion at its other end.

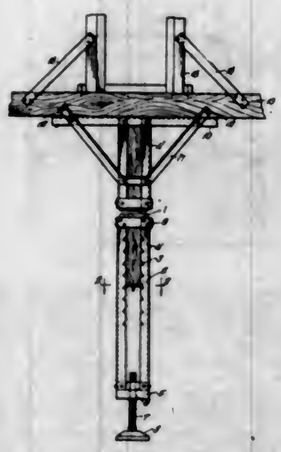
1,622,037. COLLAR. MARCUS KAHN, Brooklyn, N. Y. Filed Nov. 22, 1924. Serial No. 751,523. 1 Claim. (Cl. 2—139.)



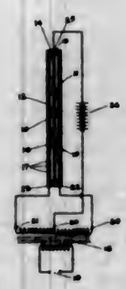
A collar of the stiff launderable variety, having its rear middle portion provided with a symmetrically curved slot, upwardly extending from and to symmetrically positioned terminals near, but materially separated from the bottom edge of the collar, whereby an attaching tab adapted automatically to adjust itself within the natural planes of the collar body, upon ironing, is provided without any tendency for said tab to be torn off or folded over on itself; said tab also being provided with a collar button-hole extending substantially parallel to the bottom edge of said collar, located a material distance above the locality of said terminals of said slot, whereby said tab is freed from the weakening effect of said collar button-hole when said tab, as an entirety, is bent out from the body of the collar.

1,622,038. ADJUSTABLE SHORE. HENRY H. LAMPERT, Chicago, Ill. Filed July 1, 1924. Serial No. 723,544. 1 Claim. (Cl. 248—2.)

In combination in an adjustable shore opposed strut members having inwardly extending flanges and downwardly sloping notches in said flanges, a second strut member slidable between said strut members, and a shelf having angularly inclined edges adapted to be engaged in opposite notches in said flanges to support the slidable member and thereby draw the opposed strut members inwardly to grip said slidable member.



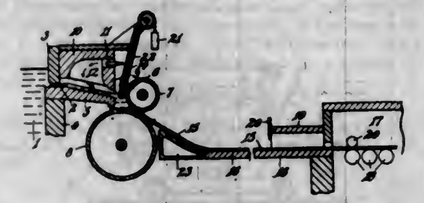
1,622,039. APPARATUS FOR AND METHOD OF REPRODUCING SOUND. FREDERICK W. LEE, Owings Mills, Md. Filed May 2, 1925. Serial No. 27,444. 14 Claims. (Cl. 179—111.)



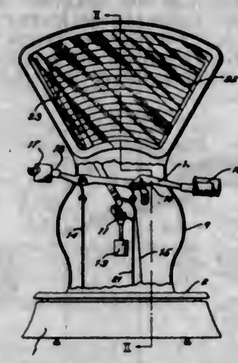
11. The method for propagating sound substantially free from distortion which consists in the establishment of an electrostatic field of balanced forces between the stationary and vibrating elements of the instrument and then causing an unbalancing of the field forces whereby said vibrating element is caused to move in said field as it seeks to reestablish the balance of said forces and thereby produce sound.

1,622,040. PROCESS OF AND APPARATUS FOR ROLLING GLASS. ERNEST BRISTOW LE MARE, St. Helens, England, assignor to Pilkington Brothers Limited, St. Helens, Lancaster, England, a British Company. Filed Feb. 23, 1924, Serial No. 694,708, and in Great Britain Mar. 2, 1923. 20 Claims. (Cl. 49—33.)

5. Process for producing a continuous strip of glass in which molten glass is rolled into a strip which issues from the rolling apparatus in a direction inclined to the horizontal and is deflected into an approximately horizontal and flat position by tractive force applied to the strip only after it has "set" the strip being supported before it has "set" in the flat and approximately horizontal position.

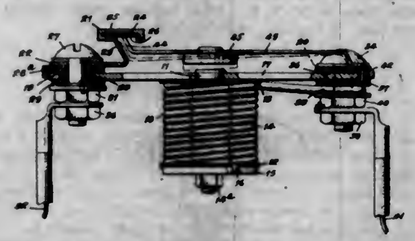


1,622,041. WEIGHING SCALE. CHARLES O. MARSHALL, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Dec. 31, 1923. Serial No. 683,626. 7 Claims. (Cl. 265—36.)



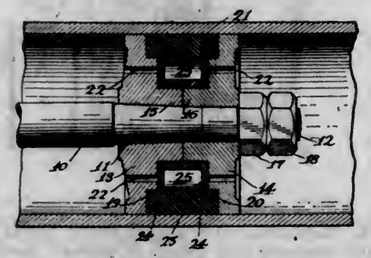
1. In a device of the class described, in combination, a platform lever, a platform supported thereby, a beam lever, a beam carried by said beam lever located above said platform lever and platform, and links connecting said platform lever and platform directly to said beam lever whereby the platform is maintained level throughout weighing movements.

1,622,042. RELAY FOR ELECTRIC SYSTEMS. FREDERICK J. MILES and DONALD C. THOMPSON, Newark, N. J., assignors to Automotive Devices, Inc., Newark, N. J., a Corporation of New Jersey. Filed May 20, 1924. Serial No. 714,595. 8 Claims. (Cl. 200—87.)



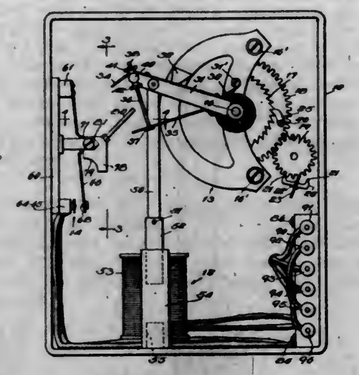
1. In an electrical relay, an electromagnet provided with a core, a conductive armature support carried by one end of the core, an armature of resilient metal having one end secured to said support and an intermediate portion spaced from the core, a substantially Z-shaped contact member secured to the other end of said support but insulated therefrom, said armature and contact member having bent end portions adapted to make wiping contact when the armature is attracted to the core of the electromagnet and a non-conductive stop member for said armature carried by the bent portion of said contact member.

1,622,043. EXPANSIBLE PACKER FOR PLUNGERS. ERWIN E. MILLER, Fullerton, Calif. Filed June 12, 1925. Serial No. 36,672. 5 Claims. (Cl. 74—109.)



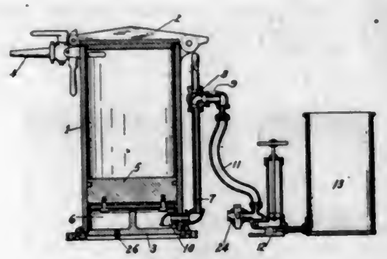
1. A pump plunger comprising a plunger rod, means providing heads upon the rod, an expansible packing arranged between the heads, means providing passages through which fluid may be admitted between the heads to expand the packing, and a separate ring detached from the packing and spaced therefrom disposed between the heads, said ring having flange portions serving as closures for the passages.

1,622,044. CIRCUIT CONTROLLER. JOHN T. MILLER and MICHAEL HANLEY, Chicago, Ill. Filed Sept. 28, 1925. Serial No. 58,958. 8 Claims. (Cl. 200—97.)



1. In combination, an electric switch comprising a plurality of electric terminals, a resilient element for connecting the said terminals normally urged away from the said terminals, means including a cam for overcoming the urging tendency of the said resilient element to move it into contact with the said terminals, a pull lever, means for pulling the lever from an upper position to a lower position, an element carried by the said lever for operating the said cam of the switch during the downward movement of the pull lever to cause the said switch to be closed substantially instantaneously, means including a spring, a gear train, and an escapement mechanism for slowly returning the pull lever to its uppermost position, and a second element associated with the lever adapted upon the return movement of the lever to operate the cam of the switch after a predetermined period of time has elapsed to cause the said switch to be opened with a quick break.

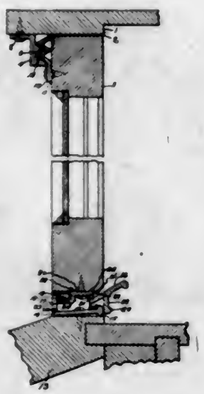
1,622,045. METHOD AND MEANS FOR CLEANING MEAT STUFFERS. GEORGE R. NAPIER, Cleveland, Ohio. Filed May 13, 1926. Serial No. 108,734. 16 Claims. (Cl. 17—39.)



1. The combination with a meat stuffer having a reciprocable meat-expelling piston, of pressure means for introducing cleaning liquid into the stuffer behind the piston and pressure means for removing the said liquid and foreign material forcibly therefrom.

10. The method of cleaning the space behind the piston of a meat stuffer of the compressed gas type which comprises bringing liquid into contact with meat and other foreign material in such space, agitating the liquid by passing compressed gas therethrough, imposing pressure on the liquid confined in the said space, and expelling the liquid together with the meat and foreign material from the said space.

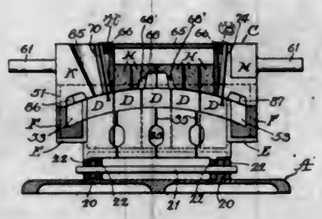
1,622,046. WEATHERPROOFING HARDWARE. CHARLES J. PARSONS, Columbus, Ohio. Filed July 16, 1926. Serial No. 122,875. 4 Claims. (Cl. 20—69.)



1. The combination with a casement, of a frame hingedly associated therewith, the sill of the casement having a plate thereon, a channel member fixed to the lower rail of the frame and having an inclined plate carried thereby forming in conjunction with the channel member a gutter, as and for the purpose set forth.

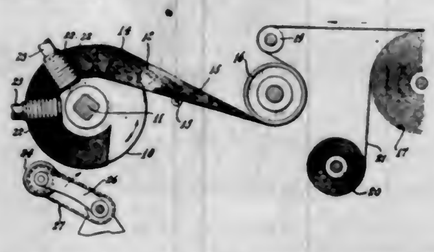
1,622,047. CASTING MOLD. CLIFTON D. PETTIS, New York, N. Y. Filed Apr. 23, 1923. Serial No. 633,822. 22 Claims. (Cl. 22—126.)

1. A casting mold comprising separable metal flask sections, each carrying a plurality of blocks of refractory material, and one or more chill blocks carried by certain of said sections and coacting with said refractory blocks to form a molding receptacle, said chill block being



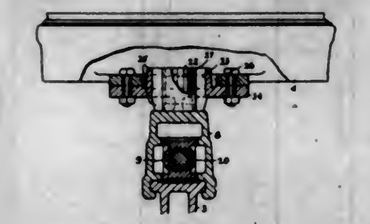
readily detachable from the sections when said sections are in open position and rigidly held thereby when said sections are in closed position.

1,622,048. METHOD OF MAKING AN ANNULAR LAMINATED DISKLIKE ELEMENT. ROBERT M. PIERSON, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Oct. 25, 1923. Serial No. 670,778. 4 Claims. (Cl. 154—2.)



4. The method of making a laminated, annular, substantially disk-shaped article which comprises so stretching a bias-cut strip of rubberized fabric onto an annular, non-cylindrical face of a support, by tensioning engagement therewith closely adjacent its point of application to said support, as to effect a localized, laterally graduated, stretching of the strip adjacent said point, whereby a longitudinal zone of said strip is shaped to a non-cylindrical, longitudinally curved condition, and fixing the material of said zone, by vulcanization, in a form such that it is substantially straight in segmental cross-section.

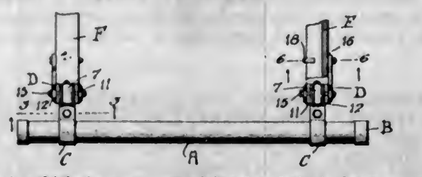
1,622,049. TENTERING MACHINE. CLIFFORD H. RAMSEY, Glen Rock, N. J. Filed Oct. 11, 1926. Serial No. 140,748. 2 Claims. (Cl. 26—57.)



1. A tentering machine including a row of supporting structures, driving means carried by one structure in the row, rails extending longitudinally of the row, movable tentering systems carried by the rails and operatively

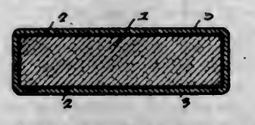
connected with and adapted to be driven by said means, and means for adjusting each rail transversely including members connected with the rail and respectively guided by said structures for transverse movement, each rail being confined against shifting transversely of the row with respect to the corresponding set of members but being free to shift longitudinally with respect to members in such set.

1,622,050. VEHICLE BUMPER. FRANCESCO RENZULLI, Newark, N. J. Filed Nov. 29, 1926. Serial No. 151,358. 6 Claims. (Cl. 293—55.)



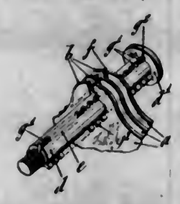
2. A vehicle bumper comprising brackets to be mounted upon a vehicle, a horizonal bolt in each of said brackets, a bumper bar, a pair of clamps each loosely slidably and tiltably mounted at one end upon one of said bolts and connected to said bumper bar at its other end, and means for yieldingly resisting both sliding and tilting movement of said clamps.

1,622,051. PROCESS OF DRYING TANK BLOCKS. THOMAS H. RHOADS, Philadelphia, Pa., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa., a Corporation of Pennsylvania. Filed June 3, 1924. Serial No. 717,602. 1 Claim. (Cl. 34—24.)



The process herein described of drying tank blocks of clay and like objects, said process consisting in forming a block of clay, or like material, covering the block with burlap, coating the burlap with plaster of Paris to form a jacket therefor, and finally subjecting the block, thus prepared, to heated air in circulation.

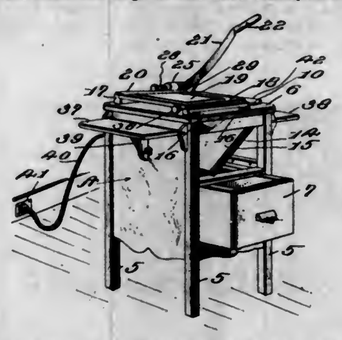
1,622,052. ELECTRICAL CONDENSER. WILLIAM JOHN RICKETS, Crofton Park, England. Filed Sept. 7, 1926. Serial No. 134,007, and in Great Britain Sept. 18, 1925. 8 Claims. (Cl. 175—41.5.)



1. An electrical condenser comprising a plurality of plates, a rotary member extending through said plates at right angles thereto and formed with longitudinal grooves and feather bars each extending into a groove in said rotary member and formed with a row of wards disposed between and spacing said plates apart, said plates, member and wards being secured in fixed relationship to one another.

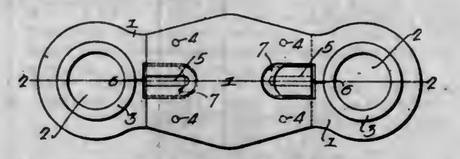
1,622,053. CUTTING OR TRIMMING DEVICE. WASHINGTON GEORGE ROUNDS, Woodstock, Canada. Filed July 20, 1925. Serial No. 44,944. 10 Claims. (Cl. 164—41.)

1. A device for trimming photographic prints or the like, comprising a base having a transparent portion, a cutting mechanism mounted on said base and being positioned adjacent one edge of the base transparent portion,



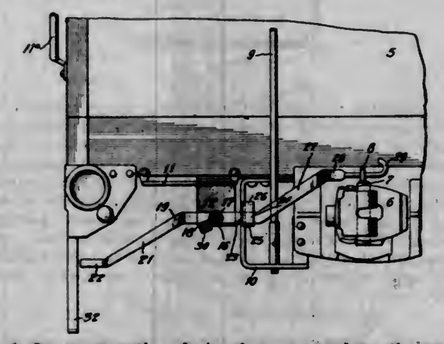
and a source of light beneath said base, whereby the work is framed in light to facilitate the proper positioning of the work to be trimmed.

1,622,054. FUSIBLE LINK. ARTHUR C. ROWLEY, Philadelphia, Pa., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 27, 1922. Serial No. 564,260. 1 Claim. (Cl. 169—42.)



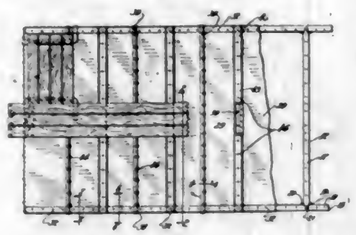
The combination, in a fusible link, of two similar plates each formed with an eyelet having a marginal lip and each having also a projection adapted to enter the said eyelet in the companion plate and seat against said lip to directly transmit tensile stress from one plate to the other, said projection being of such size as substantially to close the said eyelet which it occupies and being substantially U-shaped in transverse section to better retain the solder by means of which the plates are adapted to be secured together.

1,622,055. UNCOUPLING DEVICE FOR COUPLINGS. THOMAS NATHAN RUSSELL, Chicago, Ill., assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill., a Corporation of Delaware. Filed Nov. 14, 1922. Serial No. 600,834. 6 Claims. (Cl. 213—164.)



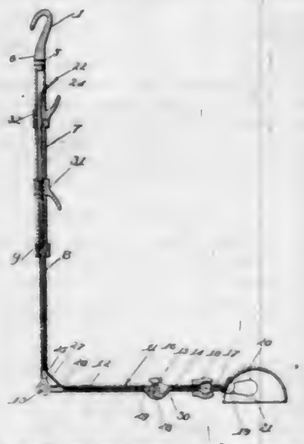
1. In an operating device for car couplers, the combination of a lifting lever, an operating lever, a common fulcrum for said levers, and a connection for said levers permitting restricted relative movement therebetween in a substantially vertical plane.

1,622,056. CAR ROOF. THOMAS NATHAN RUSSELL, Chicago, Ill., assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill., a Corporation of Delaware. Filed Jan. 9, 1924. Serial No. 685,260. 6 Claims. (Cl. 108—5.4.)



1. A car roof construction comprising, in combination, side plates, carlines of inverted channel form having a top web and depending side flanges, the side flanges being bent laterally at each end and secured to the side plates, and the top web continuing and being also secured to the side plates, and metallic roof sheets extending from eaves to eaves and having eaves flanges, each of said roof sheets having a longitudinally extending raised portion disposed substantially midway of the width of the sheet, and said raised portion fitting over the carline therebeneath and being riveted thereto.

1,622,057. PORTABLE WALL BRACKET. CARL U. SENTER, Los Angeles, Calif. Filed May 19, 1926. Serial No. 110,138. 1 Claim. (Cl. 240—67.)



A portable wall bracket comprising in combination a hook having lateral extensions adapted to engage behind a picture molding, an outer tube rigidly connected to the hook and depending therefrom, an inner tube telescoping in the outer tube, means to secure said tubes in desired relative position, a lamp supporting device at the lower end of the inner tube, an electric light wire passing through the said tubes, there being in addition cleats secured to the outer tube, one of said cleats being adjustable and adapted to allow coiling of the electric light wire thereon.

1,622,058. SUPPORTING DEVICE. FRIEDRICH SOHNLE, Newark, N. J. Filed Mar. 22, 1922. Serial No. 545,669. 2 Claims. (Cl. 248—49.)

1. A device for supporting articles comprising a sheet of metal slit and formed into parallel spring arms for grasping the wall of a receptacle and recessed at the top to form a lower jaw and formed at the top to form



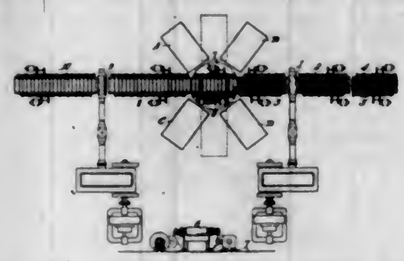
a strip extending laterally and terminating in an upper jaw offset from lower jaw to retain an article resting on the lower jaw in an approximately horizontal position.

1,622,059. HOLDING DEVICE FOR SAWMILL CARRIAGES. RALPH W. STOCKEMER, Dierks, Ark. Filed May 8, 1926. Serial No. 107,735. 4 Claims. (Cl. 104—251.)



1. The combination with a saw mill carriage and a track therefor, of means for limiting the movement of the carriage along the track, cooperating means adjacent thereto and upon the carriage for holding said carriage against movement away from either extreme position thereof, and means operable from a point between the terminals of the path of movement of the carriage for simultaneously actuating the holding means to release the carriage when in either extreme position.

1,622,060. MECHANISM FOR PRODUCING METAL PLATES. WILLIAM J. STOOP, Wheeling, W. Va. Filed Feb. 10, 1925. Serial No. 8,290. 5 Claims. (Cl. 80—2.)



1. In mechanism for producing sheet metal plates, roughing and finishing mills, alined conveyors between said mills upon which plates are passed and returned through said mills; a rotary table located intermediate said conveyors, a conveyor carried by said table, a reheating furnace located laterally with respect to said table, said table in one position being adapted to present the conveyor thereof in alinement with the first mentioned conveyors for transfer of plates directly from the roughing mill to the finishing mill; and in another position to present the conveyor thereof in alinement with said furnace for transferring sheets to and from the latter.

1,622,061. TELEPHONE MOUTHPIECE. EDNA SORTELLE and VERNON C. PORTER, New York, N. Y. Filed Feb. 2, 1926. Serial No. 85,453. 5 Claims. (Cl. 179—188.)



1. A telephone mouth piece comprising a supporting member having perforations therethrough, a mouth piece revolubly mounted on the supporting member and provided with perforations to be brought into and out of registry with the perforations of the supporting member as the mouth piece is turned, and a spring normally resiliently urging the mouth piece to a position in which the perforations register.

1,622,062. UNSOLDERED HOOK ELEMENT FOR WATCH BRACELETS. FRIEDRICH SPEIDEL, Pforzheim, Germany, assignor to the Firm Fr. Speidel, Kallhardstrasse, Pforzheim, Germany. Filed Sept. 2, 1925, Serial No. 54,056, and in Germany Aug. 4, 1925. 2 Claims. (Cl. 24—236.)



1. An unsoldered hook for watch bracelets comprising in combination a box-shaped hook open at the upper end, an extension at the shaft end of said hook rolled to form an eye the free edge of said eye bent downward, an elastic tongue in said box-shaped hook, an elastic clamp on the closed end of said tongue said clamp having a transverse slit with which said bent edge of said eye engages so that the elastic tongue is securely held in the hook without soldering.

1,622,063. ARTIFICIAL FISH BAIT. CHRISTIAN STEENSTRUP, Schenectady, N. Y. Filed July 20, 1926. Serial No. 123,648. 2 Claims. (Cl. 43—46.)



2. The combination with a plug body having an attaching eye of comparatively large size, of a fish hook structure having an eye of comparatively large size which engages said attaching eye, said structure comprising a trihngular shaped plate having its wide end bent downwardly and curved to form a shallow scoop, and one or more fish hooks attached to said plate.

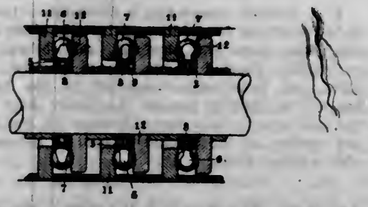
1,622,064. QUICK-CONNECTING SUCKER ROD. HAROLD L. SULLINS, Taft, Calif., assignor of one-fourth to Wilburn D. Gray, Taft, Calif. Filed Jan. 15, 1926. Serial No. 81,454. 4 Claims. (Cl. 287—119.)

1. A device of the class described comprising a sub having a stud in its bore, a rod section having a substantially L-shaped groove to coact with the stud, said section having a diametric slot communicating with the groove, a latch slidable within the sub to engage said



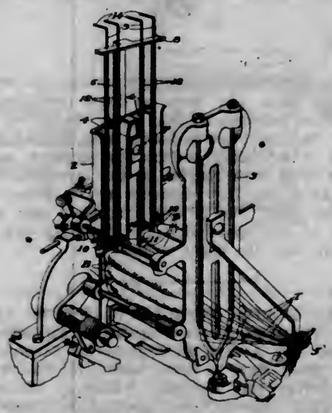
slot, spring means to urge projection of the latch, said latch being displaceable through engagement of the end of the rod with the end of the latch.

1,622,065. THRUST BALL BEARING. FRANZ SYMANZIK, Schweinfurt, Germany. Filed July 1, 1920, Serial No. 393,475, and in Germany Dec. 10, 1917. 4 Claims. (Cl. 308—235.)



1. In a thrust bearing, a spacer-ring provided with ball spacing lugs projecting from its periphery and adapted to permit radial movement of the balls, said lugs consisting of anti-friction metal secured to the periphery of the ring.

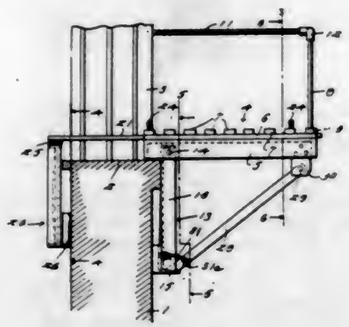
1,622,066. MAGAZINE FOR BOX LOOMS. JOHN TARANTO, Waltham, Mass. Filed Mar. 17, 1925. Serial No. 16,116. 2 Claims. (Cl. 139—245.)



1. In a box loom, a magazine having a groove to receive the bases of a series of bobbins arranged one above

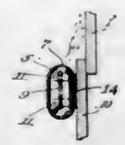
the other, a rod having a head arranged to bear on the base of the uppermost bobbin in the groove, a bracket having a part above the magazine in which the rod is guided, and a coiled spring encircling said rod between said bracket and head and serving to press the rod downwardly.

1,622,067. WINDOW-WASHER'S SCAFFOLD. WILLIAM R. TATE, Brooklyn, N. Y., assignor to Tate Safety Window Scaffold Corporation, a Corporation of New York. Filed Mar. 27, 1925. Serial No. 18,811. 3 Claims. (Cl. 304—27.)



1. A scaffold comprising a platform, a bracket pivoted to the platform for folding against the same and normally depending from the platform, said bracket having an outwardly directed flange, struts pivoted to the platform and detachably connected to the flange on the bracket for folding against the latter, bars connected to the platform, and a clamp member on the same side of the scaffold as the bracket pivoted to the bars and foldable against them.

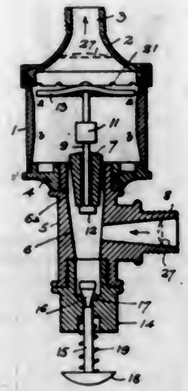
1,622,068. WINDSHIELD HEATER. HENRY P. THOMPSON, Chicago, Ill. Filed Jan. 13, 1922. Serial No. 528,891. 2 Claims. (Cl. 20—40.5.)



1. In a motor vehicle having a transparent windshield comprising upper and lower sections, the former being mounted for adjustment away from the latter at their junction line, an electric heater and a tubular casing enclosing it extending horizontally adjacent said junction and fixed with respect to the lower section, said casing having air inlet openings at its lower side adjacent the inner side of the windshield and discharge openings at its upper side for directing the flow of heated air over the upper section.

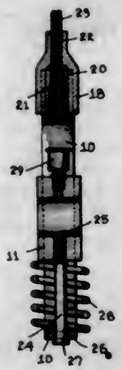
1,622,069. FLUID-CONTROLLING VALVE. CHARLES HARRY THOMSON, JAMES CUMMISKEY, CHARLES JOSEPH MILLER, and ALFRED LESLIE JONES, Liverpool, England. Filed Mar. 9, 1925. Serial No. 14,159, and in Great Britain Mar. 12, 1924. 7 Claims. (Cl. 67—115.)

1. A fluid control valve mechanism, comprising, a valve for controlling the passage of fluid through the mechanism, a cylinder through which the fluid passes, a floating diaphragm in the cylinder of larger area than the valve and loosely connected thereto, said diaphragm supporting the valve in its open position only while



fluid is passing through the cylinder and acting on the diaphragm, and manually operated means for opening the valve initially.

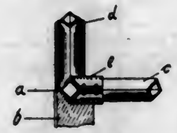
1,622,070. JERK-LINE CONNECTION. PATRICK A. TRAPP, Shelby, Mont. Filed Apr. 29, 1926. Serial No. 105,616. 1 Claim. (Cl. 255—7.)



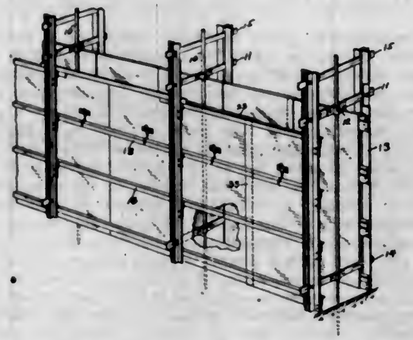
A device for the purpose indicated comprising an open frame, a wrist pin bearing block slidably mounted in the frame, means for connecting the terminal of a jerk line to the frame at one extremity, a limiting stop precluding movement of the bearing block beyond a certain point in the frame in the direction of the connected end of the jerk line, and a cushioning device acting in opposition to said limiting stop, the limiting stop consisting of a screw-stud slidably engaging the frame and having a fixed connection with the bearing block, and the cushioning device comprising a spiral spring in surrounding relation to the stud and compressed between the block and the extremity of the frame.

1,622,071. HOUSE CONSTRUCTION OF TUBES OR TUBULAR MEMBERS. BRUNO URBAN, Sr., Ludwigshafen-on-the-Rhine, Germany. Filed June 14, 1926, Serial No. 115,827, and in Germany May 1, 1926. 2 Claims. (Cl. 189—1.)

1. A house construction of tubes or tubular members, comprising in combination with the foundation, a horizontal supporting frame of steel tubes placed on edge, vertical members, horizontal members, and butt-traps for connecting said horizontal and vertical members with said supporting frame to form a skeleton of considerable carrying capability.

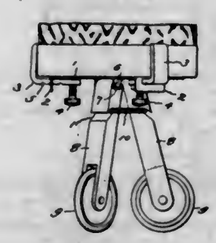


1,622,072. FORM HOLDER FOR CONCRETE WALLS. ERNEST WATSON, Wauwatosa, Wis. Filed May 26, 1925. Serial No. 32,910. 9 Claims. (Cl. 25—131.)



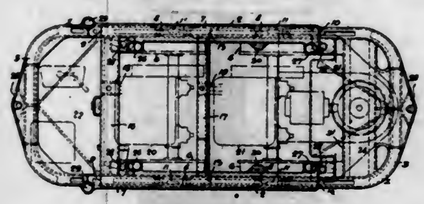
1. A form holder for concrete work, comprising a central standard, a cross bar and depending parallel guides supported thereon, bars arranged longitudinally with relation to the said guides and supported removably thereon, and forms for the surfaces of the wall adjustably arranged on said longitudinal bars.

1,622,073. GOLF-BAG ATTACHMENT. ALBERT E. WHITTIER, Bristol, Conn. Filed June 19, 1926. Serial No. 117,039. 7 Claims. (Cl. 150—1.5.)



1. A golf bag attachment comprising a base plate, means for attaching the plate to the lower end of a bag, legs movably connected with said plate and adapted to be spread radially outward therefrom beyond the edges of the bag, and yielding means normally retaining the legs contracted within the edges of the bag.

1,622,074. FRAME FOR ELECTRIC LOCOMOTIVES. HENRY V. WILLE, ROBERT M. CAMPBELL, and WILLIAM J. ETHERINGTON, Philadelphia, Pa., assignors to The Baldwin Locomotive Works, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Aug. 25, 1925. Serial No. 52,396. 4 Claims. (Cl. 105—172.)



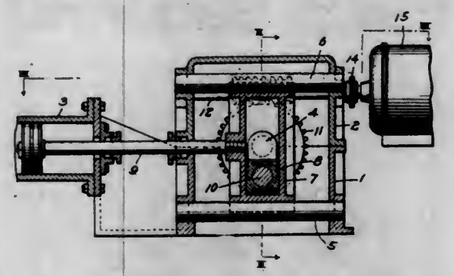
1. An integral cast frame for electric mine locomotives, comprising main side and end sections and also two cross ties between the side plates, each provided with a foot plate for partly supporting a motor.

1,622,075. COOKING UTENSIL. ANNA ATWATER, Lakewood, Ohio. Filed Aug. 15, 1925. Serial No. 50,391. 3 Claims. (Cl. 53—8.)



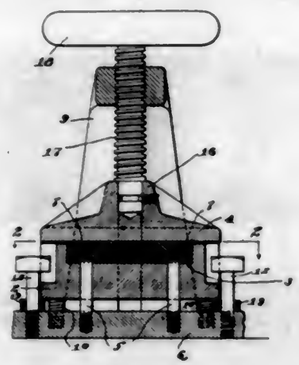
1. As a new article of manufacture, a utensil consisting of a member that is adapted to be positioned over and shiftable with respect to a burner, said member having a flat unobstructed top and a depending peripheral flange whose lower edge is in a plane parallel with the top, and ribs on the underside of the top dividing the space enclosed by the peripheral flange into a plurality of independent compartments, the lower edges of said ribs being substantially parallel with and spaced above the plane of the lower edge of said flange, the top having openings registering with said compartments.

1,622,076. POWER-TRANSMITTING APPARATUS. EDWARD F. AUSTIN and A. FRED PHELPS, Pittsburgh, Pa. Filed July 12, 1926. Serial No. 121,762. 3 Claims. (Cl. 74—14.)



1. In power-transmitting apparatus the combination of a casing consisting of body and cover, a shaft extending within the casing and journalled between such body and cover, a reciprocable rod extending through an orifice in the casing wall formed by and between the meeting edges of body and cover, the said shaft being provided within the casing with a crank and the said rod being operatively connected within said casing with such crank, and means for rotating said shafts.

1,622,077. MANUFACTURE OF RUBBER HEELS. JOHN J. BATTERMAN, Brookline, Mass., assignor of one-half to John J. Daly, Newton, Mass. Filed Sept. 28, 1922. Serial No. 591,093. 2 Claims. (Cl. 18—59.)

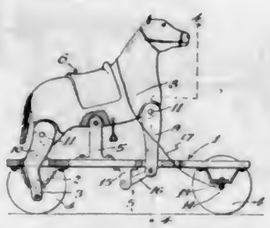


1. That improvement in the process of manufacturing a rubber heel having nail receiving washers embedded therein, which consists in arranging the washers in substantially the positional relationship which it is desired to have them bear to each other in the finished heel, forcing the washers so arranged into the body of an unvulcanized rubber heel blank while maintaining said arrangement substantially undisturbed, displacing the material of the blank solely by said act of forcing the washers into the blank, subsequently placing said blank in a heel mold, and performing the molding and vulcanizing operation on the blank while holding said washers in said relationship.

1,622,078. COMPOSITION FOR TREATING METAL BATHS AND METHOD OF MAKING THE SAME. FREDERICK M. BECKET, Douglaston, N. Y., assignor to Electro Metallurgical Company, New York, N. Y., a Corporation of West Virginia. Filed Sept. 3, 1921. Serial No. 498,447. 23 Claims. (Cl. 75—49.)

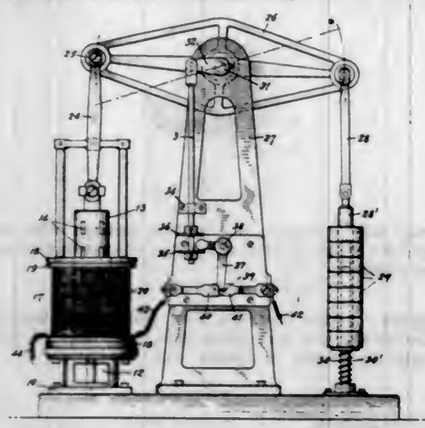
1. A composition for treating metal baths, comprising in coherent form a main addition agent existing in microscopic particles and a soft, relatively heavy, low-melting and relatively inert metallic binder.

1,622,079. ROCKING-HORSE TOY. AUGUST O. BERG, Los Angeles, Calif. Filed May 10, 1926. Serial No. 107,965. 3 Claims. (Cl. 208—42.)



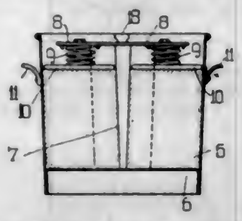
1. A rocking horse toy comprising in combination a vehicle-like structure having a pair of wheels with a crank connected to said wheels, a horse-like body structure pivotally mounted to oscillate, a pair of legs connected between the horse body and the crank, a second pair of legs pivotally connected to the horse body, and means to oscillate said legs.

1,622,080. ELECTROMAGNET. ROBERT A. BLAKE, Brooklyn, N. Y. Filed May 26, 1924. Serial No. 715,802. 1 Claim. (Cl. 175—34.)



An electrical power appliance comprising a solenoid, a base member on which the solenoid is supported, said base member having holes in its side walls, upstanding side rods disposed at diametrically opposite points on the solenoid and projecting upwardly therefrom, a cross bar connecting said side rods, a guide rod extending axially through the solenoid and connected at its upper end with the cross bar at an intermediate point in the latter and at the lower end secured to the base, and a hollow plunger in surrounding relation to and having slide bearings mounted upon the guide rod, the plunger being reduced in diameter below the bore of the solenoid to provide a minute clearance space between it and the solenoid and having series of air passages in surrounding relation to the slide bearings and lateral openings effecting communication interiorly between it and the clearance space.

1,622,081. COOKING APPARATUS. JOSEPH EDWARD BLINCOW, Wolverhampton, England. Filed Feb. 11, 1926, Serial No. 87,624, and in Great Britain Feb. 13, 1925. 3 Claims. (Cl. 53—1.)

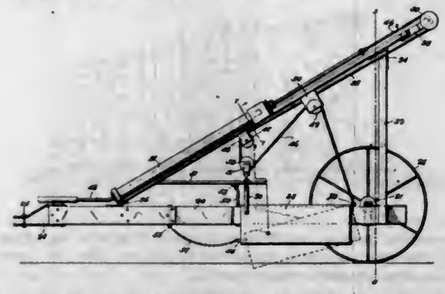


1. A cooking vessel for meats comprising an open-mouthed container, a wedge shaped separating element within said container and a cover plate mounted on said wedge shaped element.

1,622,082. PRODUCTION OF PHOSPHORIC ACID. HERMAN A. BRASSERT, Chicago, and WILLIAM H. WAGGAMAN and HENRY W. EASTERWOOD, Chicago Heights, Ill., assignors to Victor Chemical Works, Chicago, Ill., a Corporation of Illinois. Filed Jan. 23, 1924. Serial No. 687,930. 5 Claims. (Cl. 23—165.)

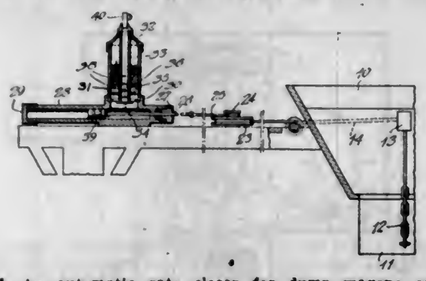
1. In the production of phosphoric acid by the pyrolytic process, the method of controlling the deposition of elemental phosphorus which consists in maintaining the temperature of the volatilized phosphorus within a desired range by means of heat derived from the combustion of a portion of said volatilized phosphorus.

1,622,083. TRACTOR SCOOP. SOUTHWICK W. BRIGGS, Glenmont, Md. Filed Jan. 19, 1926. Serial No. 82,330. 6 Claims. (Cl. 37—129.)



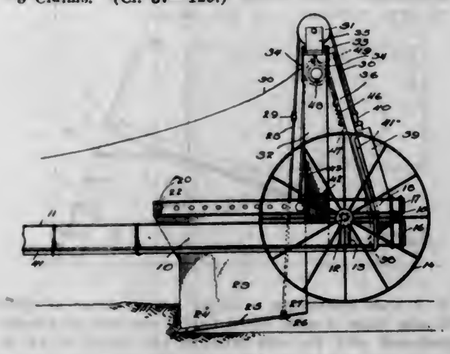
1. In a tractor scoop, a pan, and a single hydraulic means connected to the opposite ends of the pan for independently raising and lowering the opposite ends of the pan for filling and dumping the same.

1,622,084. DUMP-WAGON GATE CLOSER. SOUTHWICK W. BRIGGS, Glenmont, Md. Filed Feb. 10, 1926. Serial No. 87,411. 3 Claims. (Cl. 298—24.)



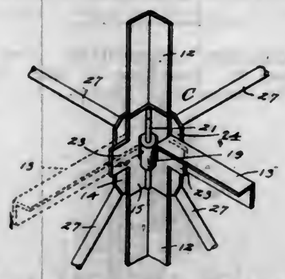
1. An automatic gate closer for dump wagons comprising a cylinder, a receptacle communicating with one end of the cylinder and containing fluid under pressure, a piston in the cylinder, a connection between the piston and the wagon gates for moving the piston against the pressure of the fluid upon the opening of the gates, the fluid adapted to return the piston and gates to normal position, and checking means arranged between the cylinder and the receptacle for retarding the expansion of the fluid in returning the gates and piston to normal position.

1,622,085. HYDRAULIC SCOOP. SOUTHWICK W. BRIGGS, Glenmont, Md. Filed Feb. 10, 1926. Serial No. 87,412. 5 Claims. (Cl. 37—129.)



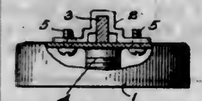
3. A tractor scoop comprising a main frame, a supporting axle mounted on the main frame, a scraper frame hingedly mounted in the main frame and extending forwardly over said axle in position to engage the same and limit the downward swinging movement of the scraper frame, a scraper pan carried by the scraper frame, and hydraulic means between said frames for raising and lowering the scraper frame.

1,622,086. DERRICK OR TOWER. JAMES W. BROWN, Tulsa, Okla. Filed May 5, 1925. Serial No. 28,165. 11 Claims. (Cl. 189—13.)



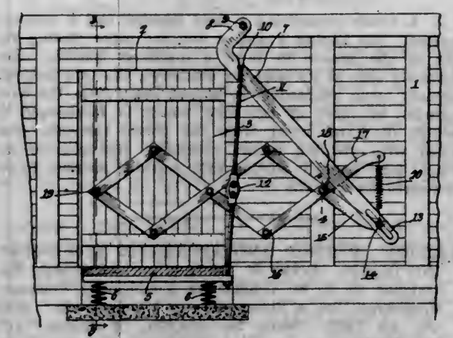
1. A derrick of the class described having legs, cross beams, and means detachably securing the legs and cross beams together comprising inner and outer clamp parts each in one piece and V-shaped, and fastening means for said parts including an element rigid on one of the parts extending through the other part.

1,622,087. BAR HANGER FOR THE SUPPORT OF OUTLET BOXES FOR THE WIRING OF BUILDINGS. HUGH A. CALDERWOOD, Pittsburgh, Pa., assignor to National Metal Molding Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Mar. 6, 1924. Serial No. 697,273. 1 Claim. (Cl. 247—22.)



Means for securing an outlet box in place in the frame of a building, such means consisting in a bar greater in width than in thickness and adapted to be secured at its ends to the frame of the building, a saddle bearing externally upon the box and having a T-shaped orifice of dimensions suitable to clamp the bar against the wall of the box in either of two positions at right angles one to the other, and means securing the saddle to the box.

1,622,088. DOOR-OPENING MECHANISM. CHARLES J. CARLISLE, Coldwater, Mich. Filed Aug. 5, 1926. Serial No. 127,379. 2 Claims. (Cl. 268—41.)



1. The combination with a structure having a door opening and a door slidably mounted to close the opening, of a runway extending through the lower portion of the

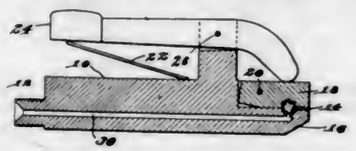
door opening and under the path of the door, a lever fulcrumed to said structure and extending to one side thereof, said lever having an offset upper end portion pivotally connected to the structure, a lazy tongs pivotally connected to the door and to the structure, there being arms constituting one end of the lazy tongs, a slidable and pivotal connection between the lever and one of the arms, yielding means for shifting the arms toward each other, and a working connection between the runway and the upper end portion of the lever.

1,622,089. ELECTRIC GAS LIGHTER. AXEL E. CARLSON, Moline, Ill. Filed Aug. 7, 1922. Serial No. 580,100. 11 Claims. (Cl. 175—91.)



1. The combination of a gas lighter including a sparking rod having an arm extending laterally therefrom, a bracket of insulating material adapted to receive said arm, and means for interlocking said arm with said bracket.

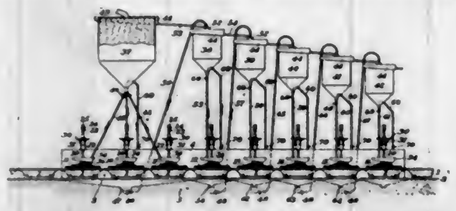
1,622,090. SELF-CLEANING NOZZLE. FRANK B. COMINS, Newton, and JOSEPH ARMSTRONG, Malden, Mass., assignors to American Moistening Company, Boston, Mass., a Corporation of Maine. Filed May 28, 1921. Serial No. 473,330. 9 Claims. (Cl. 299—59.)



1. A nozzle comprising a fixed member and a movable member, one having a groove and the other closing the top of the groove to form a discharge passage open normally only at its ends for discharge, the said movable member being adapted to be spread away from the fixed member by force of the fluid which is discharged to permit discharge away from the nozzle sidewise, combined with yielding means exteriorly arranged on the nozzle for normally holding said movable member in its non-spreadaway state.

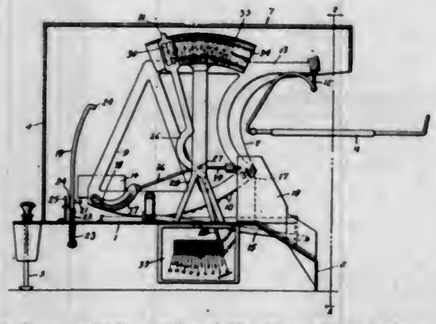
1,622,091. METHOD AND APPARATUS FOR GRINDING GLASS. JAMES W. CRUIKSHANK, Pittsburgh, Pa., assignor to J. W. Cruikshank Engineering Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 20, 1923. Serial No. 669,679. 4 Claims. (Cl. 51—278.)

1. The method of grinding glass, which consists in successively moving the glass under a series of grinders, flowing abrasive in water through a series of grading compartments and successively separating coarse and fine abrasive in each compartment, supplying abrasive from



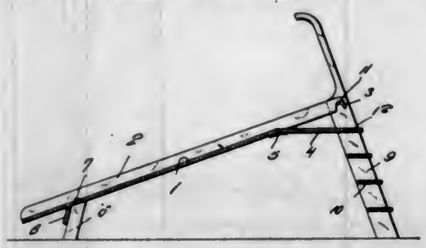
successive compartments to successive grinders, and flowing the used abrasive from each grinder into the next succeeding grading compartment.

1,622,092. WEIGHING SCALE. HARRY CUMMER, Buffalo, N. Y.; Harry Wales Cummer and John W. Van Allen, executors of said Harry Cummer, deceased, assignors to The Cummer Scale Company, Inc., a Corporation of New York. Filed Nov. 30, 1923. Serial No. 677,670. 8 Claims. (Cl. 265—70.)



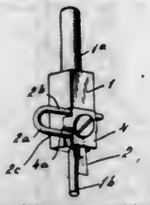
1. In a weighing scale of the type which includes a rocker beam, an indicating means comprising as companion co-operating elements a pointer and a chart, one of said elements being movable and the other being stationary, and cam means influencing the movement of the movable element from the rocker beam whereby said element will move to an equal extent for each unit of weight value marked on said chart.

1,622,093. CHILD'S SLIDE. ARTHUR H. DAUGHERTY, Russellville, Tenn. Filed Apr. 14, 1926. Serial No. 101,981. 6 Claims. (Cl. 272—56.5.)



6. A slide comprising a ladder having rungs or steps and side stiles, a slide board having portions detachably interlocked with the side stiles of the ladder at an intermediate point in the length of said side stiles, and a platform hingedly connected to the side stiles of the ladder and also hingedly connected to the slide board.

1,622,094. BORING TOOL. FRANK A. DECKER, New York, N. Y., assignor to Louis G. Pacent, Winfield, N. Y. Filed Dec. 2, 1924. Serial No. 753,420. 1 Claim. (Cl. 77—69.)



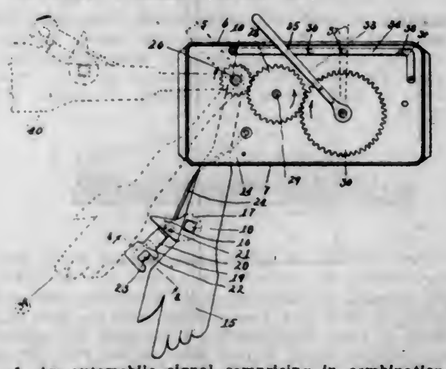
A boring tool comprising, in combination a body portion having an integral shank adapted to be engaged by a chuck, a pilot associated with said body portion and arranged co-axially with said shank, a cutter formed of a rod comprising two substantially parallel side portions spaced apart and formed by means of a return bend, said body portion having at least one recess adapted to seat the parallel side portions of said cutter, and clamping means for grippingly securing said cutter in the recess.

1,622,095. INDICATOR FOR AUTOMOBILE RADIATORS. CLARENCE L. DE ROEHN, Waterville, Me. Filed Dec. 4, 1926. Serial No. 152,672. 9 Claims. (Cl. 116—117.)



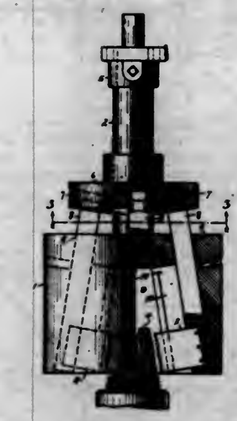
7. The combination of a device consisting of a hollow base and a chambered top member connected by curved tubular members; means for securing said device to a radiator cap; means for connecting the chambered base to the radiator water-circulating system; a transparent globe interposed between said base member and top member and communicating with the chamber of said top member; a cylinder extending from the bottom of said globe through the radiator cap; a closure in the upper wall of said chambered top memoer; a rod secured to said closure extending through said globe, cylinder, and cap; and clamping means threaded to the lower end of said rod.

1,622,096. AUTOMOBILE SIGNAL. ROBERT L. DICKSON, Long Beach, Calif. Filed Nov. 24, 1925. Serial No. 71,123. 3 Claims. (Cl. 116—51.)



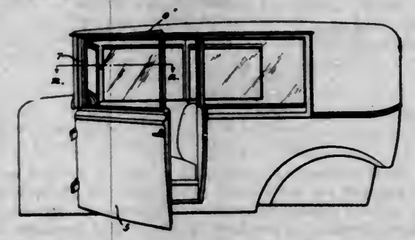
1. An automobile signal comprising in combination a pivoted shaft suitably mounted on a vehicle, a flat signal arm rigidly attached to said shaft, a bracket secured to the arm and extending from one edge thereof, a lamp holder secured to the bracket and extending along one edge of the arm, and having an arcuate opening facing the edge of the arm, a lamp positioned in the holder to shine through the opening thereof on to the edge and opposite side faces of said arm.

1,622,097. COLLAPSIBLE TAPER-THREAD-CUTTING TOOL. CHARLES R. EDWARDS, Houston, Tex. Filed Jan. 12, 1920. Serial No. 350,867. 8 Claims. (Cl. 10—95.)



1. A device of the character described including a shank, a carrier guide slidable on the shank, and having bearings inclined relative to its axis, a die block fixed to the shank and provided with bearings, carriers slidably connected to said block and working in said bearings of the guide and block and chasers carried by said carriers.

1,622,098. CLOSED VEHICLE. WILLIAM H. EMOND, Syracuse, N. Y. Filed July 2, 1925. Serial No. 41,076. 8 Claims. (Cl. 296—28.)

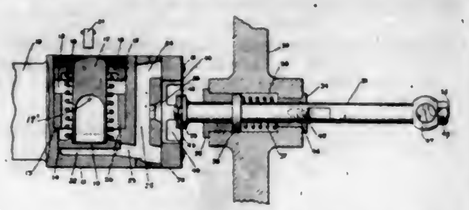


2. A vehicle of the closed type having top-supporting corner posts, a windshield fitting against said posts, a door having an upper portion comprising a window frame also fitting against one of said posts, the post and the adjacent portions of the windshield and the window frame which fit against said post together having a maximum opaque area which in transverse dimension is not greater than the normal interpupillary distance between the eyes.

1,622,099. TREATMENT OF EARTHY MINERALS. WILLIAM FELDENHEIMER, London, England. Filed Oct. 30, 1925. Serial No. 65,892. 6 Claims. (Cl. 252—8.)

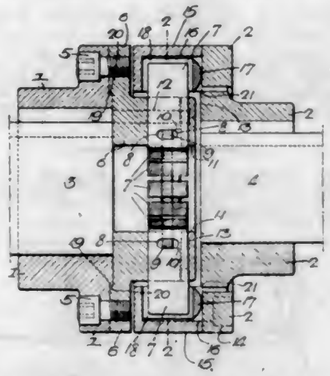
1. In the process for improving the color of earthy minerals, the step comprising bringing an aqueous suspension of the sub-divided mineral into contact with a salt of sulphurous acid containing a salt of a metal which reduces sulphurous acid and does not form colored oxidized salts.

1,622,100. GOVERNING MECHANISM FOR STEAM TURBINES. WARREN B. FLANDERS, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 9, 1920, Serial No. 387,538. Renewed Jan. 9, 1926. 14 Claims. (Cl. 264—17.)



1. In an auto-stop governing mechanism, the combination of an eccentrically weighted tripping member, means for resisting movement of the tripping member in response to centrifugal force, means for developing centrifugal force of fluid for application to the tripping member in opposition to said resisting means, controlling means for rendering the centrifugal fluid pressure developing means effective or ineffective, and means for maintaining the latter means normally in ineffective position.

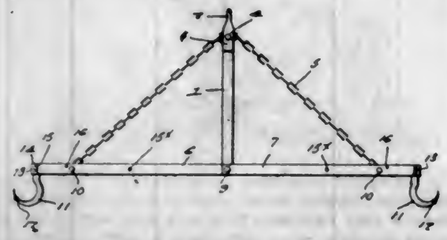
1,622,101. FLEXIBLE COUPLING. WILLIAM J. FRANCKE, New Brunswick, N. J., assignor, by mesne assignments, to John Waldron Corporation, New Brunswick, N. J., a Corporation of New Jersey. Filed Oct. 23, 1922. Serial No. 596,334. 1 Claim. (Cl. 64—96.)



A flexible coupling comprising a pair of flanged members adapted for attachment respectively to the adjacent ends of two substantially aligned shafts, an element detachably secured to the face of one of said members and having a laterally projecting annular part with radial slots, flexible coupling elements mounted in the slots and projecting beyond the periphery of the annular part, said flexible elements having apertures at their inner ends, a retaining ring extending through the said apertures and supporting the flexible elements in the slots, a plate detachably secured to the outer face of the annular part enclosing the outer sides of the slots, and an annular member detachably secured to the face of the other flanged member and surrounding the aforesaid annular part and having recesses in the inner face thereof for reception of the projecting outer ends of the flexible elements.

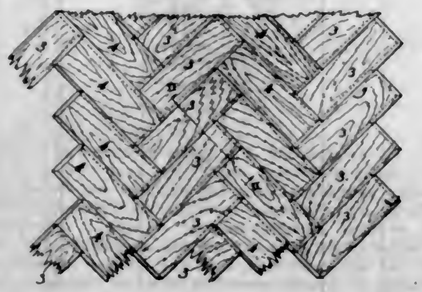
1,622,102. GAMBREL. ORLIE E. FULLER, Lamont, Iowa. Filed Apr. 3, 1926. Serial No. 99,569. 2 Claims. (Cl. 17—44.)

1. In combination, a body bar, arms hingedly connected to said body bar, said arms having transverse apertures adjacent to though spaced from their outer ends, flexible connections between intermediate points of the arms and the body bar at a point spaced from the pivotal connection of the arms to said bar, and hooks pivotally connected to the outer ends of the arms; said



hooks having pointed free ends and also having adjacent to said ends transverse apertures adapted when the bills of the hooks are lapped with the arms to be registered with the said apertures of the arms for the reception of pins for securing the hooks in said positions.

1,622,103. HARDWOOD BLOCK FLOORING. JAMES ORR FULTON, Toronto, Ontario, Canada, assignor to The John C. King Lumber Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 2, 1926. Serial No. 133,150. 7 Claims. (Cl. 20—75.)



1. A flooring comprising a plurality of blocks, each having an elongated rectangular top and base of substantially the same dimensions, the base projecting beyond the top along one side and one end and receding under the other side and end, the relative arrangement of sides and ends beyond which the base projects being reversed in some of the blocks to that in the others.

1,622,104. BLOCK FLOORING AND PROCESS OF MAKING THE SAME. JAMES ORR FULTON, Toronto, Canada, assignor to The John C. King Lumber Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 6, 1926. Serial No. 146,601. 7 Claims. (Cl. 20—S.)



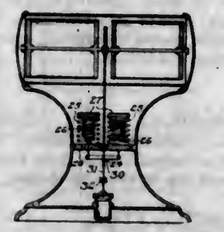
1. The method of laying block flooring which comprises coating the entire bottom surface of a block with fluid adhesive, placing it upon its supporting base, and sliding the block into final position upon the base in a manner to expel substantially all entrapped air and excess adhesive and to form a thin load-carrying film of capillary thickness between substantially contacting portions of the bottom of the block and the base.

1,622,105. ATTACHMENT FOR MEASURING INSTRUMENTS. OTTO GOTTSCHALK, Buenos Aires, Argentina. Filed Oct. 30, 1925. Serial No. 65,857. 4 Claims. (Cl. 33—176.)



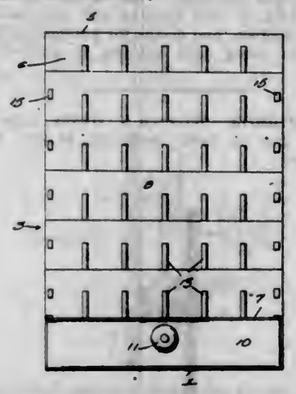
1. In a device of the class described, flexible metallic strips, securing members including body portions, clamping means carried by the body portion for clamping the ends of the flexible metallic strips together to form a model of an entire structure, and means for bending the strips.

1,622,106. SCALE. NATHAN A. HALLWOOD, Pittsburgh, Pa., assignor to McKenna-Horix Manufacturing Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 12, 1925. Serial No. 29,656. 7 Claims. (Cl. 265—69.)



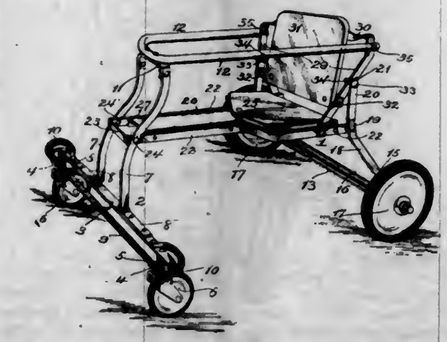
1. In a scale, a load carrying member, a compression spring, a tension spring, said springs having one end interconnected and being made of such lengths and material that each spring will have a substantially equal change in length and tension under variations of temperature, and a support for the free end of one of the springs, the load carrying member being operatively connected to the free end of the other spring in such manner that each of said springs resists movement of said member under load.

1,622,107. BOBBIN RACK. JAMES N. HARROD, Palo Alto, Calif. Filed Oct. 12, 1925. Serial No. 62,082. 1 Claim. (Cl. 211—14.)



A bobbin holder of the class described comprising a sheet of metal bent upon itself to form a base, an upstanding rear wall and a downwardly and forwardly inclined front, said front being bent at longitudinally spaced points to form a plurality of stepped formation, the lowermost horizontal portion terminating above and being spaced inwardly from the adjacent end of said base, side plates connected with the front, rear wall and base, the upper edges of said plates being notched to accommodate the steps to the front, said vertical portions of the steps being formed with openings and said side plates being provided with tongues extending through said openings, and bent upon themselves to hold the side plates in place, and a plurality of bobbin supporting pins carried by the horizontal portions of the steps.

1,622,108. BABY WALKER. AXEL W. HAWKINSON, Washington, Pa., assignor to Sidway Topliff Company, Washington, Pa. Filed July 11, 1925. Serial No. 43,035. 2 Claims. (Cl. 155—22.)



1. In a device of the character described, the combination with wheeled front and rear frames, of a seat frame pivotally connected at its respective ends with said front and rear frames, a back frame detachably engaged with the upper end of said rear frame and pivoted to the seat frame in advance of said rear frame, and an upper frame pivotally connected at its forward end with the upper end of the front wheeled frame and pivotally connected at its rear end with said back frame, said upper frame being adapted to rest on the seat frame in collapsed condition with the back frame swung forwardly within the upper frame and the front wheeled frame being adapted to simultaneously swing rearwardly under the seat frame, and the rear wheeled frame being adapted to swing forward under the seat frame when disengaged from the back frame.

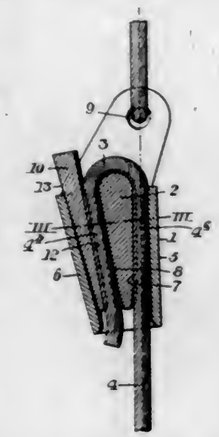
1,622,109. CABLE OR WIRE CLAMP. JEHU FREDERIC HAWORTH, Edgeworth, Pa. Filed Nov. 1, 1926. Serial No. 145,672. 14 Claims. (Cl. 24—126.)



1. A clamp for cables or wires, comprising a housing having a tapered socket for receiving a loop of the cable or wire, and a wedge in the socket tapered in the same

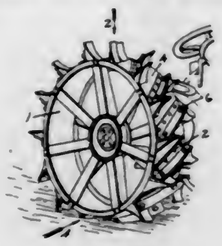
direction as the socket and within the loop of the cable or wire for frictionally clamping the loop, the cooperating portions of the housing and wedge which grip the tensioned leg of the loop being more yieldable relatively to each other at the small end of the socket, whereby the clamping grip on the tensioned leg of the loop is less on the tensioned end of the gripped leg of the loop than at its other end.

1,622,110. CABLE OR WIRE CLAMP. JEHU FREDERIC HAWORTH, Edgeworth, Pa. Filed Nov. 1, 1926. Serial No. 145,673. 7 Claims. (Cl. 24—126.)



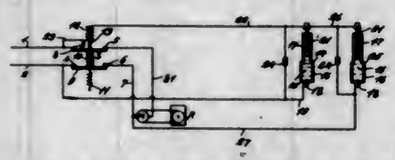
1. A cable or wire clamp comprising a housing having a tapered socket for receiving a loop of cable or wire, a wedge in the socket and within the loop of the cable or wire for frictionally clamping the tensioned leg of the loop against one side of the socket, and a second wedge adapted to be forced into the socket into gripping engagement with the other leg of the loop.

1,622,111. GROUSER. RON C. HAWKINS, Long Beach, Calif., assignor to "H H" Manufacturers, Inc., Long Beach, Calif., a Corporation of California. Filed July 9, 1925. Serial No. 42,461. 9 Claims. (Cl. 301—44.)



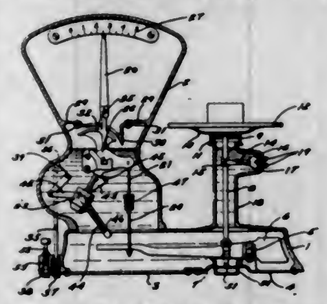
9. A tractor wheel having in combination a wheel rim, a cleat attached thereto having a face extending diagonally across the wheel rim, a grouser having a pair of lugs connected by a web, the back of the lugs and the back of the web being in substantially the same plane and fitting against the cleat, lugs having bases resting on and extending partially along the face of the rim, the lugs extending outgardly from the rim a greater distance than the cleat and the web, the front faces of the lugs extending square across the wheel rim and means to fasten the grouser to the cleat.

1,622,112. SYSTEM OF MOTOR CONTROL. EMIL C. HELLWIG, Denver, Colo. Filed Sept. 20, 1926. Serial No. 136,525. 2 Claims. (Cl. 236—78.)



1. In an automatic motor control system having a source of electric current, a motor and a normally open electromagnetic switch for controlling the current to the motor, the combination with said switch and electric current source of a circuit closer that will close an electric circuit through a magnetic coil of the switch and cause the same to close when certain controlling conditions reach a predetermined limit in one direction, means comprising a second circuit closer for producing a parallel path for the switch operating current after the switch has been closed, said second circuit closer being arranged to open after the first mentioned circuit closer has opened whereby the electromagnetic switch will remain closed through a predetermined range in the controlling conditions.

1,622,113. WEIGHING SCALE. HALVOR W. HEM, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Apr. 8, 1925. Serial No. 21,464. 10 Claims. (Cl. 265—62.)



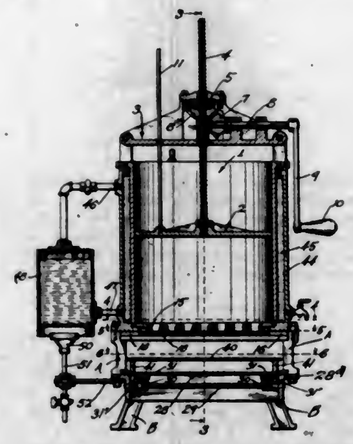
1. In a device of the class described, in combination, a housing having openings, weighing mechanism in said housing, a fluid in said housing and surrounding said weighing mechanism, and means for automatically closing said openings when said housing is shifted from a support.

1,622,114. MIRROR. WILLIAM T. HENRY, Lake Charles, La. Filed Jan. 15, 1926. Serial No. 81,431. 3 Claims. (Cl. 45—97.)



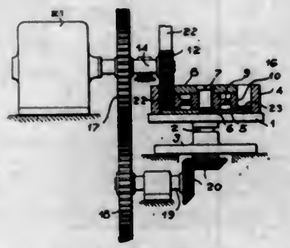
1. The combination with a mirror, of a flexible tongue secured to the casing thereof and having a free end disposed substantially parallel with the mirror and spaced from the mirror and provided with a bearing, a stem fitted through said bearing, a friction member between the mirror and tongue, to which the stem is attached, and a vacuum cup secured to the outer end of the stem.

1,622,115. CREAM DEPOSITOR FOR HAND-ROLL CENTERS FOR CANDIES. HARRY E. HONTS, Los Angeles, Calif., assignor to Rex Products Co., Inc., Los Angeles, Calif., a Corporation of California. Filed Sept. 18, 1920. Serial No. 411,231. 2 Claims. (Cl. 107—29.)



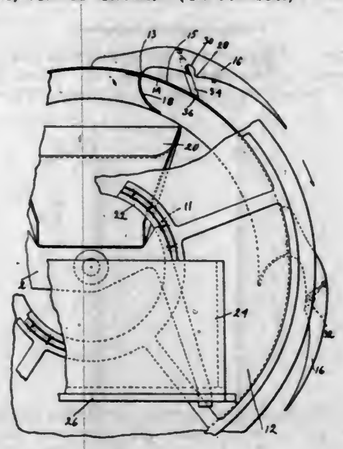
2. A cream depositor comprising a receptacle, a die plate forming the bottom of said receptacle, a plunger reciprocable in said receptacle, means for causing said plunger to force material in said receptacle through the die plate, cutting means arranged beneath the die plate, a gauge plate disposed beneath said cutting means, guide means for causing said gauge plate to move vertically, rock shafts disposed beneath said gauge plate, arms carried by said rock shafts, rollers mounted upon said arms engageable upon the under side of said die plate to raise and lower it upon rotation of said rock shafts, and means for rotating said rock shafts.

1,622,116. METHOD FOR MOLDING GEARS. WILLIAM B. JASPERT, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 30, 1923. Serial No. 615,913. 5 Claims. (Cl. 154—2.)



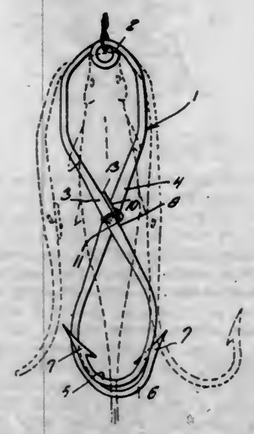
1. A method of making a composite article which comprises providing an endless strip of fibrous sheet material impregnated with a binder, corrugating the strip and feeding the same in a continuous helix into the matrix of a mold to form a determined number of superposed layers, and consolidating said layers by the application of heat and pressure.

1,622,117. BERRY-PICKING MACHINE. SAMUEL B. JENKINS, West Barnstable, Mass., assignor to Henry N. Sweet, Boston, Mass. Filed July 23, 1920. Serial No. 398,478. 15 Claims. (Cl. 56—330.)



1. A berry picking machine having, in combination, a rotary drum having a berry-excluding surface; combs arranged at intervals around the drum having teeth projecting therefrom and extending in the general direction of the drum surface with their berry-engaging tips a little outside of said berry-excluding surface, whereby an entrance throat is formed between such surface and the comb; there being an opening through said surface to the interior of the drum at the base of the comb, and the apparatus being arranged with the tips of the teeth of said comb to make the initial contact of the apparatus with vines that are to be picked; means to revolve the drum and simultaneously to advance it over the ground; and means within the drum to receive berries that have entered through said throat and to guide them laterally out through the end of the drum.

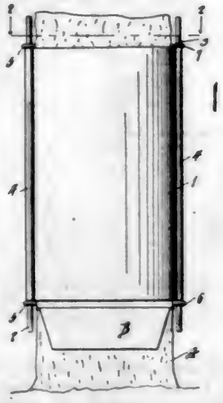
1,622,118. FISHHOOK. LEE JOHNS, Miami, Fla. Filed Aug. 26, 1926. Serial No. 131,712. 4 Claims. (Cl. 43—36.)



1. A fish hook, comprising a pair of resiliently connected arms normally adapted to extend in diverging relation, said arms having penetrating prongs formed at the free ends thereof and adapted to be brought into

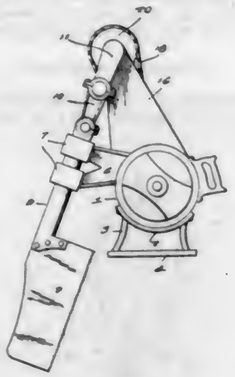
adjacent tensioned relation, means adapted to retain the arms in tensioned relation, and rotary means adapted to support bait and operate the last-mentioned means in the rotation thereof to release said arms.

1,622,119. TURPENTINE-GATHERING APPARATUS. THEODORE P. KEATON, Pearson, Ga. Filed Mar. 11, 1926. Serial No. 93,966. 3 Claims. (Cl. 47—24.)



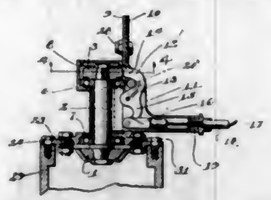
1. In turpentine gathering apparatus, a cover for the streaks in the tree trunk, comprising a plate of metal pivotally secured to the tree trunk at one side of the streaks to swing horizontally and to closely engage the tree trunk in one position, and means to secure the plate in position.

1,622,120. MOTOR-DRIVEN SAW. CRAIG LYNN, Butler, Ind. Filed Apr. 3, 1925. Serial No. 20,469. 1 Claim. (Cl. 143—68.)



A power operated saw of the class described comprising a base, a saddle supported on said base, a motor mounted in said saddle, an arm extending laterally from said motor at one end and provided with a pair of spaced bearings alined at an incline and substantially tangential to a circle concentric about the axis of the motor, an operating rod of a saw slidable in said bearings, a bracket arm rising from the other end of the motor and having a gear casing formed thereon, gearing in the casing oppositely associated with the motor, an extension disposed laterally of said bracket arm and projecting towards said one end of the motor and terminating in a bearing, said bracket arm terminating in a bearing alined with the last-mentioned bearing, a shaft journaled in the last two mentioned bearings to be disposed substantially horizontally, chain and socket means oppositely associating said shaft with said gearing, a crank on said shaft adjacent the bearing of the extension, a pitman on said crank and engaged with said operating rod.

1,622,121. ADJUSTABLE IMPULSE GENERATOR. CHARLES L. PAULUS and ROBERT KAUCH, Dayton, Ohio. Filed July 25, 1924. Serial No. 728,190. 7 Claims. (Cl. 89—27.)

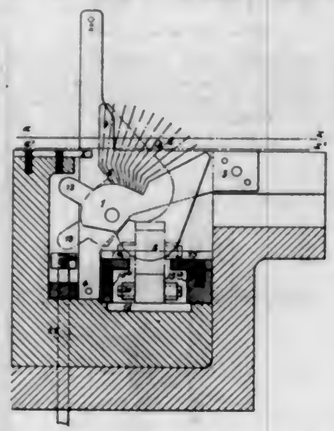


1. An impulse generator comprising a housing, an impulse cam therein rotatable about an axis, an impulse lever operated by said cam, means for rendering said lever inoperative, a support for said impulse lever, and means for adjusting said support on said housing said impulse cam being housed by the housing and the support.

1,622,122. PROCESS OF DYEING. PAUL RABE, Leverkusen, near Cologne-on-the-Rhine, Germany, assignor, by mesne assignments, to Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 11, 1924. Serial No. 705,933, and in Germany May 9, 1923. 3 Claims. (Cl. 8—5.)

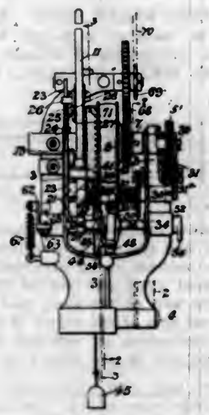
1. Process for dyeing acidyl celluloses or their transformation products, characterized in and by the fact that a hydrogenated pyridine compound is added in the dyeing, substantially as described.

1,622,123. POWER LOOM FOR CARPETS. PIERRE RENARD and FERDINAND RENARD, Nonancourt, France, assignors to Société Renard Frere et Fils, Nonancourt, France. Filed Jan. 5, 1923, Serial No. 610,851, and in France Apr. 26, 1922. 4 Claims. (Cl. 139—116.5.)



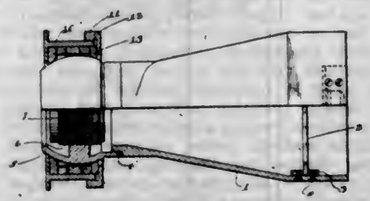
1. In a loom, the combination of a shuttle, a plurality of axles parallel to the weft thread, a plurality of blades pivoted about said axles, means for successively rotating said blades after the passing of the shuttle in the direction that pushes the weft thread away from the fabric, rigid blades for stopping the weft threau, and a reed to apply the weft thread against the fabric.

1,622,124. MEASURING DEVICE FOR TEXTILE MACHINERY INCORPORATING A SWIFT. HANS SCHWEITER, Horgen, Switzerland. Filed Feb. 18, 1924, Serial No. 692,580, and in Switzerland Mar. 18, 1923. 7 Claims. (Cl. 33—180.)



1. A measuring device for a textile machine incorporating a swift, comprising a measuring screw mounted on the machine; an oscillatable swift carrying arm mounted on the machine; a measuring screw drive for displacing the measuring screw from an initial position; disengaging means for throwing the measuring screw drive out of action; actuating means on the said arm for actuating the disengaging means; means acting on the measuring screw to return it into its initial position on operation of the drive disengaging means; and engaging means on the said arm for bringing the measuring screw drive into action.

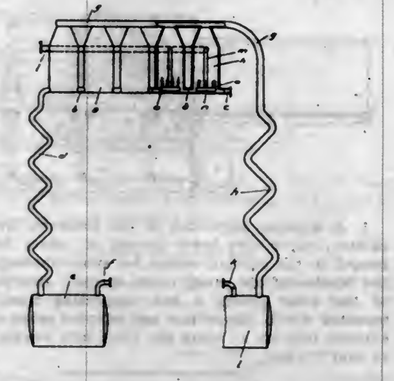
1,622,125. AIRPLANE VIEW FINDER. ALBERT W. STEVENS, Dayton, Ohio. Filed Mar. 15, 1924. Serial No. 699,854. 6 Claims. (Cl. 88—1.)



1. A view finder for aircraft comprising an upwardly flaring rectangular casing, a view screen in the flared end thereof, a lens, a universal mount for said lens attached to the smaller end of the casing and enclosing said lens, said mount having a spherical contour externally, and means for frictionally holding said mount in position on an aircraft.

1,622,126. PROCESS FOR SEPARATING VOLATILE SUBSTANCES. ERNST WECKER, Heilbronn, Germany. Filed Mar. 18, 1924, Serial No. 699,137, and in Germany Mar. 20, 1923. 3 Claims. (Cl. 87—12.)

1. A process of refining oil containing fatty acids which comprises heating said oils to an elevated temperature, injecting into said oils a liquid in the form of a fine mist, said liquid being highly volatile at the temperature to which the oil has been heated, thereby producing an

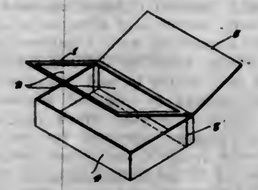


instantaneous expansion and volatilization of the injected liquid and vaporizing the fatty acids in the oil and withdrawing said vapor.

1,622,127. LEATHER DRESSING AND TANNING MATERIAL. FREDERICK C. ATKINSON, Indianapolis, Ind. Filed Aug. 16, 1919. Serial No. 317,899. 5 Claims. (Cl. 149—6.)

3. A process of producing material suitable for leather treatment comprising digesting corn cobs under pressure at a temperature of 140 to 200° C. from two to three hours, substantially as set forth.

1,622,128. ADJUSTABLE AND ATTACHABLE BOX COVER. SYDNEY BEZZANT, Bristol, and REGINALD BEZZANT, London, England. Filed Dec. 9, 1924, Serial No. 754,839, and in Great Britain Dec. 13, 1923. 1 Claim. (Cl. 217—58.)

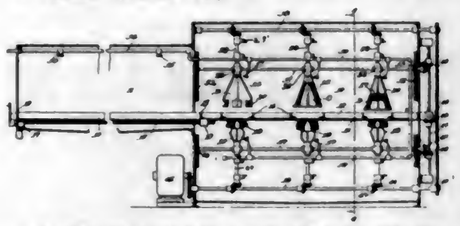


For use in combination with a box having a hinged lid, a transparent cover member having an edge adapted to lie against said lid when the said lid is opened and an expansible band adapted to encircle said box adjacent said edge and to serve both to retain said cover member normally shut and to press its said edge against said lid to form a pivot upon the raising of said cover member.

1,622,129. BARBITURIC ACID AND PROCESS OF MAKING SAME. FRIEDRICH BOEDECKER, Berlin-Dahlem, Germany, assignor to the Firm I. D. Riedel A. G., Berlin-Britz, Germany. Filed Sept. 23, 1924, Serial No. 739,426, and in Germany Oct. 10, 1923. 8 Claims. (Cl. 260—33.)

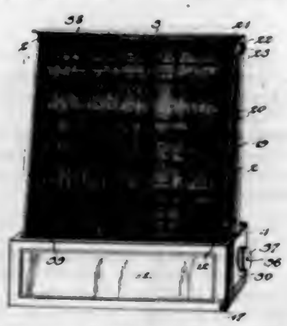
1. As new products, the herein described substituted barbituric acids in which at least one of the hydrogen atoms of the methylene group is substituted by a halogenallyl group containing halogen at least in the β position.

1,622,130. WASHING MACHINE. CHARLES BOYD, Denison, Ohio. Filed Nov. 18, 1922. Serial No. 601,837. 4 Claims. (Cl. 15—56.)



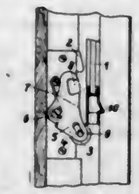
1. A washing apparatus of the character described, a cabinet, upper and lower groups of rotary brushes arranged in the cabinet, means for simultaneously rotating the brushes of one group in an opposite direction to that of the other group, a pan supporting frame slidably mounted within the cabinet and adapted when slid to one extreme position to bring the trays into working relation to said brushes.

1,622,131. AIR COOLER. EDWARD CRISPIN, New York, N. Y. Filed July 30, 1920. Serial No. 400,293. 2 Claims. (Cl. 261—80.)



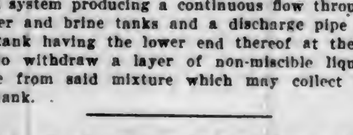
1. An air moistening and cooling means for air entering the room and comprising an open top tank adapted to contain liquid, parallel uprights mounted in the end walls of the tank, one of said uprights being removably mounted on its supporting wall, a hollow roller adapted to contain a cooling agent for chilling the liquid in the tank, mounted for rotation in said casing and being provided with an opening in one end portion thereof, a sliding cover for said opening which can be moved to open position, a support mounted for rotation in the upper ends of said uprights, and means trained over said support and moved by the hollow roller as the latter rotates, the said last-mentioned means passing through the said liquid to be coated therewith to moisten the air entering the room.

1,622,132. SASH HOLDER. OTTO DANNEHL, Berlin-Zehlendorf, Germany, assignor to Naamlooze Vennootschap Machinerieen en Apparaten Fabrieken, Utrecht, Holland. Filed Oct. 28, 1924, Serial No. 746,425, and in Germany Dec. 3, 1923. 2 Claims. (Cl. 292—79.)



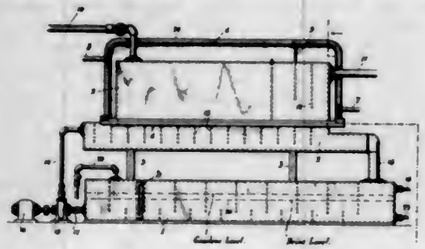
1. In a sash holder, the combination with a frame and slidable sash therein, of means mounted on the frame to automatically check sliding movement of the sash immediately upon contact of the sash therewith, and braking means carried with the last mentioned means also engageable with the sash so as to allow the sash to slide at reduced speed into closed position.

1,622,133. PRESSED BRAKE SHOE. ADIEL Y. DODGE, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 8, 1924. Serial No. 754,711. 25 Claims. (Cl. 188—250.)



17. A brake shoe comprising two sections, each including a central web and an outwardly-extending cylindrical flange, the sections being arranged with the two webs in engagement from one end of the shoe to the other to form the web of the shoe, and both webs being deflected to one side of the center of the shoe at one end, to permit overlapping an adjacent shoe, and being elsewhere substantially in the center of the shoe.

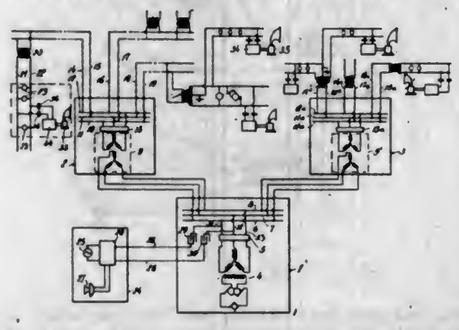
1,622,134. MEANS FOR GAS SEPARATION. HORACE DUMARS, New Suffolk, and WILLIAM SPENCER BOWEN, New York, N. Y., assignors to Bowen-Dumars Power Corporation, New York, N. Y., a Corporation of New York. Filed Nov. 28, 1923. Serial No. 677,528. 4 Claims. (Cl. 183—2.)



1. Apparatus for segregating a specific gas or gases from a mixture of gases having critical temperatures so related that one becomes liquid while another solidifies at said critical temperature, including a condensing chamber, a conveyer tank and a brine tank, said condensing chamber being in superposed relation to said conveyer tank, a member enclosing said condensing chamber and spaced therefrom forming a jacket for the reception of a refrigerating medium, means communicating with said condensing chamber for admitting and discharging the mixture, baffles in said chamber giving a tortuous flow to said mixture, collecting plates in the conveyer tank for receiving the solid condensate from said mixture, conduits connecting the opposite ends of said conveyer tank and brine tank forming a closed circulation system, a pump in said system producing a continuous flow through said conveyer and brine tanks and a discharge pipe in said brine tank having the lower end thereof at the proper level to withdraw a layer of non-miscible liquid condensate from said mixture which may collect in said brine tank.

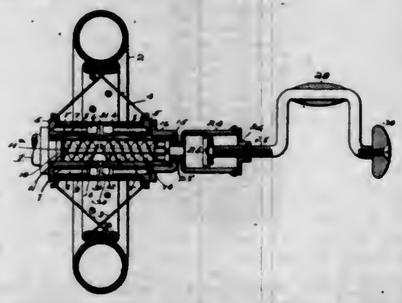
1,622,135. WIRED RADIO BROADCASTING SYSTEM. ROBERT D. DUNCAN, Jr., Bronxville, N. Y., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Sept. 5, 1923. Serial No. 661,037. 3 Claims. (Cl. 179—2.)

1. A signaling system comprising a multiphase electric generator, a multi-phase power transmission line comprising more than two conductors, said line being connected to said generator, a plurality of single-phase branch lines fed from said multi-phase line, a high frequency carrier current transmitter connected to a plurality of said conductors comprising said multiple transmission line, said transmitter being connected to less than the total number of said conductors, whereby high frequency carrier currents are directly impressed on at least one but less than



the total number of conductors comprising the multiphase power transmission line, high frequency signal receiving devices and means connecting them to a plurality of said branch lines, the arrangement being such that the high frequency carirer current is receivable on a plurality of said branch lines including branch lines whose phases do not correspond with the conductors of the multi-phase transmission line with which said transmitter is connected.

1,622,136. SELF-FEEDING ROTATING LUBRICATING SYSTEM. CHARLES W. DWORACK, Dayton, Ohio. Filed June 6, 1924. Serial No. 718,273. 2 Claims. (Cl. 308—93.)



1. In combination, in a lubricating device for lubricating the bearings of a wheel mounted on a stationary axle, a lubricant reservoir formed within said axle, a pair of bearings adapted to be inserted in the opposite ends of the bearing housing of said wheel and providing a space intermediate of the inner ends thereof, a plurality of longitudinally extending bores through said bearings opening towards said space, angularly disposed fins extending into said space disposed adjacent said bores, apertures formed in said bearings and connecting said bores with the wearing surface of said bearing and means operated by the rotation of said wheel to forcibly feed lubricant from said reservoir to said space.

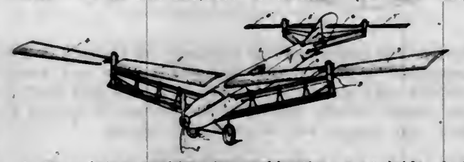
1,622,137. PROPELLER CASE. CLIO S. EGBERT, Dayton, Ohio. Filed Mar. 18, 1924. Serial No. 700,100. 3 Claims. (Cl. 150—52.)

1. A case for airplane propeller blades comprising a pocket approximately the length of the blade made of a single piece of water-shed ducking doubled over and sewed at the edges leaving an open end to receive the blade and a closure foldable over the periphery of the



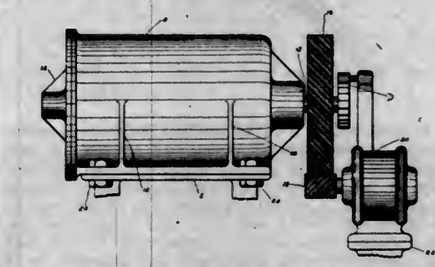
pocket the entire length of the opening to seal the same, a lining next to the ducking of leak-proof cloth, and an inner lining of shock-absorbing felt.

1,622,138. AIRPLANE HELICOPTER CONTROL. FRANK O. ELLERMAN, Dayton, Ohio. Filed Sept. 12, 1922. Serial No. 587,709. 6 Claims. (Cl. 244—15.)



1. In a flying machine, in combination, a variable pitch propeller having blades rotatably supported in a rotating part, means for driving said rotating part to rotate the propeller, means for stopping said rotating part in a predetermined position, a rod and a sleeve coaxially located extending through said rotating part, screw threads on said rod engaging screw threads on said sleeve, screw threads on said sleeve engaging a fixed part of the flying machine, means for connecting the rod to one blade of the propeller, means for connecting the sleeve to the other blade, and means for turning the rod and sleeve to cause endwise movement thereof whereby the angle of incidence of the propeller blades is adjusted.

1,622,139. AIRSHIP MOORING DRUM. ROBERT M. GETCHELL, Dayton, Ohio. Filed Apr. 10, 1922. Serial No. 551,309. 5 Claims. (Cl. 254—172.)

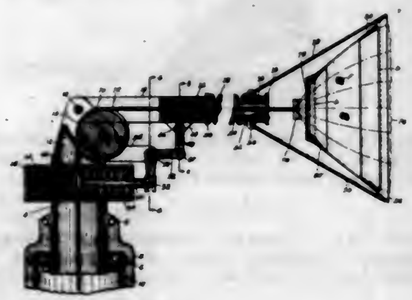


1. In a device of the character described, a driving shaft, a cable drum mounted concentrically of, revolubly of and slidable longitudinally with respect to said shaft, a fixed key in one of said members adapted to travel in a groove in the other of said members, a coiled spring governing the relative longitudinal and rotational positions of said drum and said shaft, and bearings on said shaft in contact with the ends of said spring.

1,622,140. MOORING MASTHEAD. ROBERT M. GETCHELL, Dayton, Ohio. Filed Apr. 18, 1922. Serial No. 555,343. 2 Claims. (Cl. 244—2.)

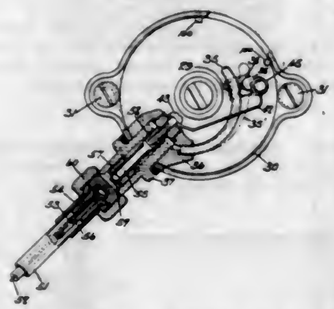
2. In a mooring means of the character described, a hollow stationary means, a head rotatable in conjunction therewith adapted to have a cable pass therethrough and

provided with spaced arms, a sheave mounted between said spaced arms, a yoke mounted on said head and having a hollow stem adapted to have the cable pass therethrough, means mounted upon said last mentioned means for containing the portion of an airship to be moored



thereto and means operable therewith for limiting inward movement of said airship engaging portion and means between said airship engaging portion and said stationary means whereby upward forces beyond the normal on said yoke means will be resiliently limited.

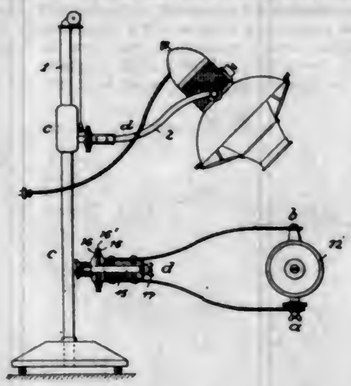
1,622,141. AUTOMOBILE THEFTPROOF DEVICE. HARVEY D. GEYER, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Feb. 13, 1924. Serial No. 692,490. 23 Claims. (Cl. 123—146.5.)



1. In combination with an internal combustion engine having an ignition primary circuit and a timer for making and breaking said ignition primary circuit, an electric switch for said ignition circuit located at a distance from said timer, a conduit enclosing the circuit conductor between said switch and timer and having fluid under a pressure different from atmospheric therein, and means associated with said timer and operable by a change of pressure in said conduit to render the ignition system inoperative.

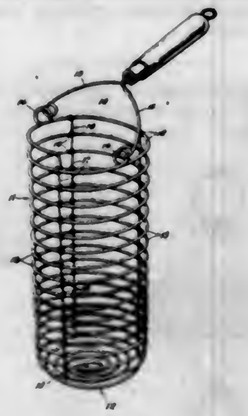
1,622,142. IRRADIATION DEVICE FOR THERAPEUTICAL AND OTHER PURPOSES. FRITZ GIRARD, Hanau-on-the-Main, Germany, assignor to the Firm: Quarz-Lampen-Gesellschaft mit beschränkter Haftung, Hanau-on-the-Main, Germany. Filed Nov. 17, 1922, Serial No. 601,612, and in Germany Nov. 21, 1921. 13 Claims. (Cl. 174—177.)

1. Irradiation apparatus for therapeutic and other purposes comprising a supporting stand, a slide movable along said stand, a supporting arm mounted on said slide for axial rotation, light emitting and reflecting means mounted at the end of said supporting arm for rotation about an axis extending at right angles to the axis of rotation of said arm and resilient frictional clutching means between said slide and said arm and between said



arm and said light emitting and reflecting means, respectively, for automatically securing said parts in the adjusted position.

1,622,143. EGG HOLDER. ALFRED HOPE, New York, N. Y. Filed Aug. 28, 1926. Serial No. 132,223. 1 Claim. (Cl. 53—1.)

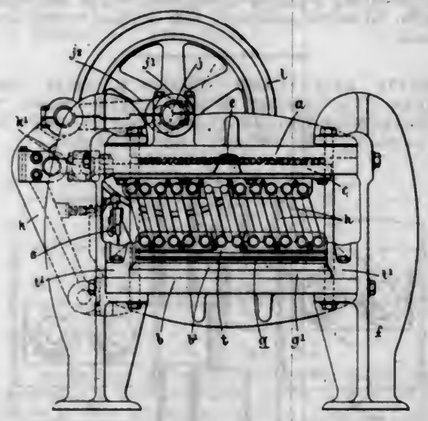


An egg holder comprising an elongated body adapted to receive a plurality of eggs in stack formation one above the other formed of a single piece of wire coiled to provide a closed bottom therefor, said wire being helically wound to provide side walls for said body, the convolutions being spaced from each other, longitudinal braces extending the length of said body and fixedly mounted to the convolutions by twisting the same thereabout, opposed eyes formed in the uppermost convolution, and a handle member swingingly connected to said eyes substantially as and for the purpose specified.

1,622,144. MACHINE FOR MANUFACTURING NAILS OR OTHER ARTICLES FROM SHEET OR STRIP METAL OR MATERIAL. FRANK HUMPHRIS, Parkstone, England, assignor of one-half to Kenneth Alexander Roberts, London, England. Filed Dec. 12, 1922, Serial No. 606,498, and in Great Britain Dec. 20, 1921. 6 Claims. (Cl. 10—11.)

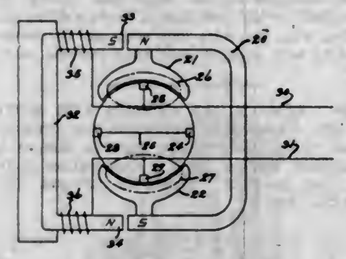
3. A nail making machine, comprising a stationary die, a punch, a punch carrying ram movable towards and

away from the die along a straight path, a bearer plate slide movable along a straight path at right angles to the path of the ram, means for moving the ram by move-



ment of the bearer plate slide, a fixed bolster plate, and rollers interposed between the bearer plate slide and the bolster plate.

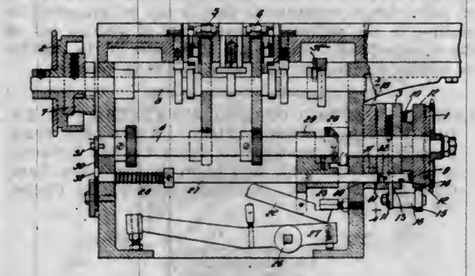
1,622,145. GENERATOR-REGULATING APPARATUS. JOHN H. HUNT, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Dec. 12, 1923. Serial No. 680,240. 4 Claims. (Cl. 171—227.)



1. A generator comprising, in combination, a field magnet, an armature, a magnetizable core which is stationary relative to the field magnet and has its poles located respectively adjacent the field magnet poles but spaced therefrom to provide a magnetic path in parallel with the armature which path normally is of greater reluctance than the magnetic path between the field magnet poles through the armature, and a coil connected with the armature for magnetizing said core so that its poles will be adjacent, respectively, unlike poles of the field magnet, the flux produced by said coil being alone sufficient to divert substantial quantities of flux of the field magnet from the armature in order to regulate the generator.

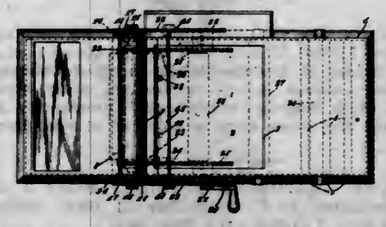
1,622,146. CLUTCH MECHANISM PARTICULARLY APPLICABLE TO WIRE TWISTING OR TYING MACHINES. ERNEST ALBERT INGOLD, London, England, assignor to W. & C. Pantin, London, England. Filed Apr. 26, 1924, Serial No. 709,235, and in Great Britain May 26, 1923. 5 Claims. (Cl. 192—48.)

1. Clutch mechanism comprising a power shaft, a power wheel carried by said power shaft, an axially movable clutch pin, a clutch member on the power wheel co-operating with said clutch pin, means normally locking the clutch pin against axial movement, mechanism actuated by the rotation of the power wheel to release said locking means, a sliding rod axially aligned with the movable clutch pin, a latch normally engaging said



rod to hold it in the operative position, and means carried by the power shaft and operative to withdraw said latch.

1,622,147. AUTOMATIC REGISTER. PHILIP A. JACKSON, Atlanta, Ga., assignor to The Egry Register Company, Dayton, Ohio, a Corporation of Ohio. Filed Nov. 14, 1923. Serial No. 674,736. 5 Claims. (Cl. 282—16.)



1. In an autographic register for feeding a plurality of paper sheets having spaced series of perforations, feeding rollers, means to actuate said rollers to feed said sheets, means to separate said rollers to interrupt the feeding of said sheets, means to automatically enter perforations in said sheets to align them and to automatically ride out of said perforations on the refeeding of the paper, and common operating means for said feeding and separating means, the several steps in the operation consisting of feeding the desired length of sheets and realigning the sheets ready for the next operation being automatically performed by one revolution of the operating means.

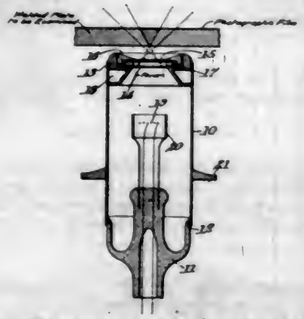
1,622,148. AUTOGRAPHIC REGISTER. PHILIP A. JACKSON, Dayton, Ohio, assignor to The Egry Register Company, Dayton, Ohio, a Corporation of Ohio. Filed Aug. 11, 1924. Serial No. 731,336. 7 Claims. (Cl. 286—16.)



1. In an autographic register having a plurality of strips, pin wheels adapted to engage with said strips in perforations therein, one of said strips being a record roll strip and arranged to be in engagement with a substantial portion of the peripheries of the pin wheels and a plurality of friction members over which said

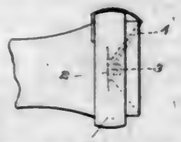
record strip is passed and then wound on a record roll, a record roll and means to permit said record roll to slip relatively to the pin wheels, and means to carry one of said friction members so that it can be supported in position in the register or moved out of position out of the register, and means in the side walls of the register to maintain said last mentioned means in position.

1,622,149. METHOD OF AND APPARATUS FOR RADIOGRAPHIC EXAMINATION. ANCEL ST. JOHN, Brooklyn, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc., a Corporation of New York. Filed July 26, 1923. Serial No. 653,997. 2 Claims. (Cl. 250—34.)



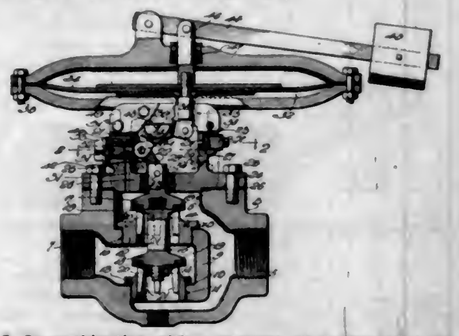
1. Method of detecting defects in objects wherein the tendency toward defects is localized along diverging lines, which comprises simultaneously propagating X-rays through the object along a plurality of said diverging lines.

1,622,150. DIAPHRAGM MUFFLER. BYRON Q. JONES, Washington, D. C. Filed July 12, 1924. Serial No. 725,622. 2 Claims. (Cl. 179—180.)



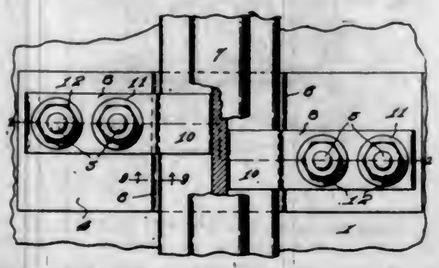
1. A device for muffling the diaphragm of a telephone receiver comprising a muffling pad and a spring clip formed to engage the exterior of the receiver and adapted to resiliently hold said pad against said diaphragm.

1,622,151. PRESSURE REGULATOR. ROY E. JOYCE, Montebello, Calif. Filed June 28, 1926. Serial No 119,132. 9 Claims. (Cl. 50—27.)



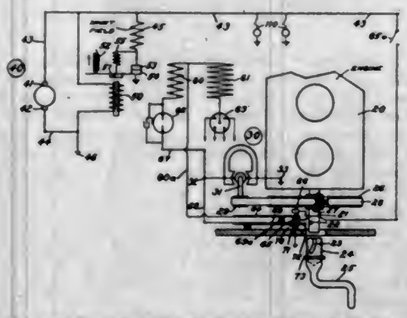
3. In combination with a pressure regulating valve embodying a movable valve member, and a pressure influenced member operatively connected with said valve member for controlling the same; manually controlled means for locking said valve member in closed position independently of the action of said pressure influenced member, permitting replacing or repairing of the last named member while the pressure is held in check by the valve member.

1,622,152. RAIL CLAMP. CHARLES C. KELTY, Point Town, Ohio, assignor of one-fourth to Morris W. Renick, Middletown, Ohio. Filed July 21, 1926. Serial No. 124,039. 2 Claims. (Cl. 238—210.)



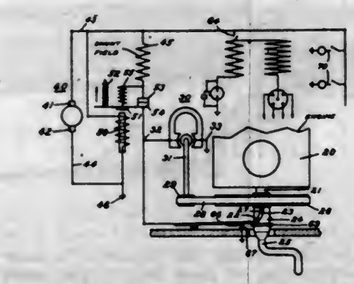
1. A concrete road bed having bolts arranged in spaced pairs anchored therein and extending therefrom, rail plates through which the bolts pass and said plates designed to have rails received thereon, upstanding spaced flanges on each rail plate contacting with the outer edge of the base flanges of the rails, rail clamping plates having lip ends and having their bodies provided with elongated openings through which the bolts pass, washer members arranged on the bolts and having depending lugs received in the openings of the clamping plates for contacting with the bolts and with one of the end walls provided by said openings and nuts screwed on the bolts.

1,622,153. ELECTRICAL SYSTEM FOR MOTOR VEHICLES. CHARLES F. KETTERING and JOHN H. HUNT, Dayton, Ohio, assignors to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed July 9, 1923. Serial No. 650,236. 7 Claims. (Cl. 123—148.)



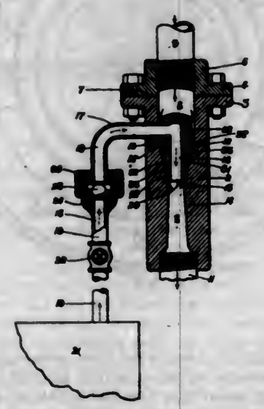
1. In combination with an internal combustion engine having an ignition system including a spark coil having primary and secondary windings, a main generator driven by the engine for supplying current to said primary winding when the engine is self operating, an auxiliary generator adapted to be operated for supplying current to said primary winding during cranking of the engine, circuit controlling means and means connectible with the engine for cranking purposes and for driving said auxiliary generator and for operating the circuit controlling means to establish an electrical circuit between said auxiliary generator and primary winding during the cranking of the engine.

1,622,154. ELECTRICAL SYSTEM FOR AUTOMOTIVE VEHICLES. CHARLES F. KETTERING and JOHN H. HUNT, Dayton, Ohio, assignors to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed July 16, 1923. Serial No. 651,709. 7 Claims. (Cl. 123—184.)



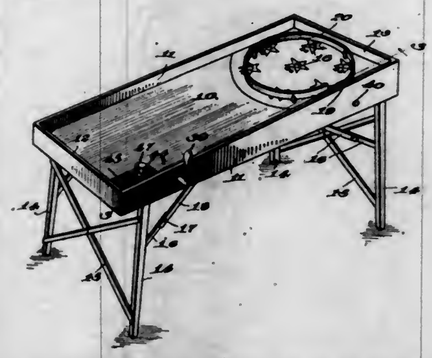
1. An ignition device for internal-combustion engines, comprising in combination, an engine, a main generator driven by said engine; an auxiliary generator; a crank for cranking the engine; and means for connecting the auxiliary generator with the crank and for arranging electrical circuits, whereby, only during the time the engine is being cranked, the auxiliary generator will be operated to supply current to the main generator for boosting the same to provide sufficient current for ignition purposes.

1,622,155. VACUUM-PRODUCING APPARATUS. ADOLPH MARTIN KOSIOLEK, Glideroy, via Yarra Junction, Victoria, Australia. Filed Nov. 14, 1922, Serial No. 600,965, and in Australia Dec. 5, 1921. 1 Claim. (Cl. 230—13.)



An ejector comprising a pressure fluid conduit having a part reversely flared from an intermediate point forming a passage of maximum constriction at that point, a nozzle in the flared part of said conduit on that side adjacent the source of pressure, communicating with the body of fluid to be ejected, said nozzle having an external shape corresponding substantially to that of the flared wall by which it is surrounded and terminating adjacent that part of the passage of maximum constriction, and a spiral rib between said nozzle and conduit forming a spiral passage for the pressure fluid whereby centrifugal force is imparted to the pressure fluid, effective to hold said fluid against the wall of the oppositely flared part, producing a vacuous central space in advance of said nozzle.

1,622,156. GAME. JOHN N. KORNAHRENS, Summerville, S. C. Filed Oct. 22, 1926. Serial No. 148,426. 5 Claims. (Cl. 273—119.)



1. A game comprising a table having a plurality of pockets at one end, an enclosure having an opening, with the enclosure embracing the pockets, and means for elevating the enclosure above the table.

1,622,157. OVERHEAD SIGNAL MIRROR. SANFORD S. LAW, Coraopolis, Pa. Filed Sept. 27, 1926. Serial No. 138,006. 1 Claim. (Cl. 45—97.)



In combination with a mirror, a rod connected with the rear thereof, said rod having an enlarged flat head having a hole therein, a similar rod adapted to be connected with a supporting member and links connecting the rods together, each link having an enlarged flat head at each end thereof with one head extending at right angles to the other and bolts connecting the links together and the end links to the rods, each bolt having a wing nut.

1,622,158. GEOMETRICAL INSTRUMENT. JOSEPH LIBERTY, Hartford, Conn. Filed Aug. 5, 1926. Serial No. 127,199. 1 Claim. (Cl. 33—98.)

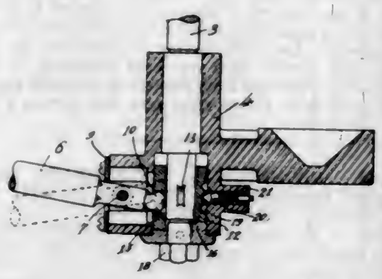
A tool of the character described comprising a body portion composed of longitudinally aligned and relatively parallel sections, one of said sections having markings on a face thereof, rectangularly shaped loops formed integral with the inner ends of each of said sections and snugly and slidably embracing the adjacent portion of the relatively opposite sections, bearing shoes engaged with certain of the portions of each of said loops and having sliding contact with the adjacent faces of the opposite sections of said body portion, said bearing shoes being formed of a material softer than that from which said body portion sections are formed, a finger screw turned into engagement with one of said loops and adapted to have engagement with an adjacent portion of the bearing shoe carried thereby whereby to clampingly engage the same with an adjacent portion of the opposite body portion section slidably received therethrough, straight edges pivotally mounted upon the opposite ends of said sections, segmental bars having correspondingly formed slots therein, integral with the inner sides of said straight edges and arranged adjacent portions of the outer

extremities of said body portion sections, and locking means passing through said outer portions of the body portion sections and through the slots in said segmental



bars whereby to releasably secure said bars and their respective straight edges in angularly adjusted positions with respect to the body portion.

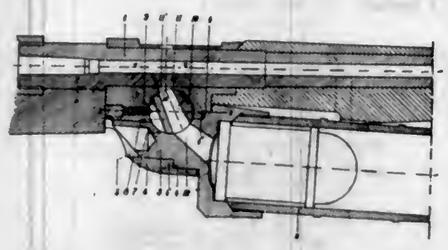
1,622,159. SAFETY LOCKING DEVICE FOR THE SHIFTING MECHANISM OF METAL PLANERS. CARL E. LINDEN and GEORGE H. LANGEN, Cincinnati, Ohio, assignors to The Cincinnati Planer Company, Cincinnati, Ohio, a Corporation of Ohio. Filed June 18, 1923. Serial No. 646,143. 5 Claims. (Cl. 74—39.)



1. In a safety locking device of the character specified, a tumbler, and a handle for manually operating the same, with means controlled by the handle for locking the tumbler against movement when the handle is moved in other than a tumbler operating direction.

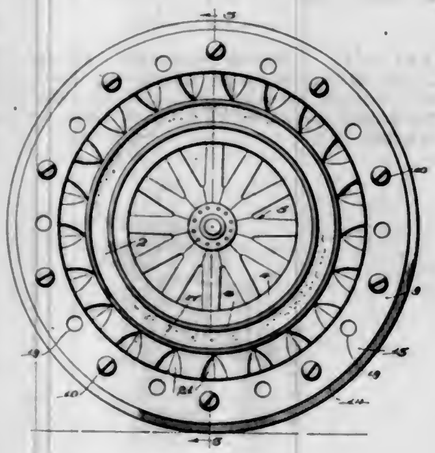
1,622,160. FIRING SOCKET OR CUP FOR GRENADES. ERNEST MATTLET, Brussels, Belgium, assignor to Fabrique Nationale d'Armes de Guerre, Societe Anonyme, Herstal-lez-Liege, Belgium. Filed July 30, 1926, Serial No. 126,021, and in Belgium Aug. 8, 1925. 5 Claims. (Cl. 42—1.)

1. A firing socket or cup for grenades adapted to be mounted eccentrically upon a gun or rifle and comprising axially at its back part a pin, a supporting member attached to the gun barrel and comprising a lodgment for receiving said pin, a transverse groove or throat provided in said pin, a cylindrical member which passes through



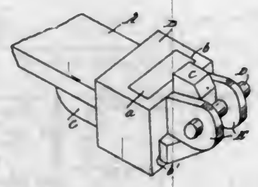
said groove and through the supporting member and means for conducting the gases from the gun barrel into the body of the socket.

1,622,161. PNEUMATIC-TIRE ARMOR. JOSEPH CLEMENT MIRE, Baton Rouge, La. Filed July 30, 1926. Serial No. 125,992. 5 Claims. (Cl. 152—33.)



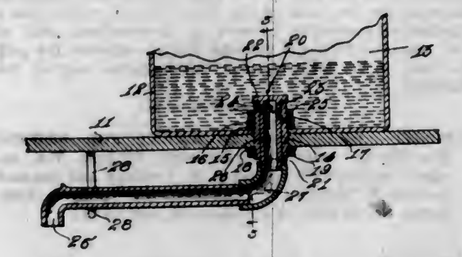
1. An armor for pneumatic tires comprising an inner supporting member including a ring adapted to fit on the periphery of a pneumatic tire and a pair of substantially parallel flanges extending radially outward from the edges of said ring, a pair of plates of disk formation straddling said flanges and having oppositely flaring flanges at their inner edges adapted to embrace the approximately outer half portion of a pneumatic tire, fastening devices securing said plates to said flanges and connecting said plates each with the other, the outer edge portions of said plates extending beyond the outer edges of said first named flanges, an outer supporting ring concentric with said first named supporting ring and disposed between the outer edge portions of said plates, said outer supporting ring being supported on the outer edges of said first named flanges, and a solid tire fitting on said outer supporting ring between the outer edge portions of said plates and extending outwardly beyond the outer edges of said plates, said side plates and said first named flanges having aligned ventilating openings.

1,622,162. REMOVABLE BOLT HEAD. JOHN MITCHELL and JOHN CECIL GEORGE COSSEY, London, England. Filed Oct. 29, 1923, Serial No. 671,619, and in Great Britain Nov. 25, 1922. 3 Claims. (Cl. 85—9.)



3. A removable head for a bolt comprising a box-shaped member, a recess formed in one face of said box-shaped member, a projection formed at one end of said bolt, said projection being adapted to fit into said recess, an aperture extending through said box-shaped member, a cotter inserted through said aperture, a head on said cotter bearing against the rear end of said box-shaped member, and a pin for locking said cotter.

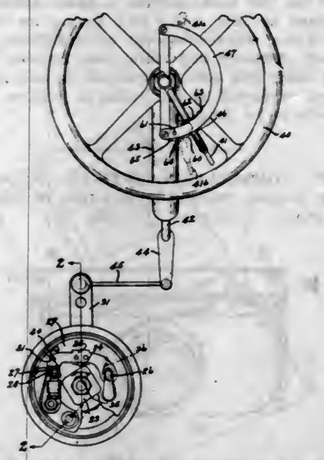
1,622,163. LIQUID-DISPENSING DEVICE. CHARLES NIEDERHAUSER, Woodhaven, N. Y. Filed Oct. 20, 1926. Serial No. 142,928. 2 Claims. (Cl. 221—26.)



1. In combination with a support, of a tank mounted thereon, a cylindrical sleeve extending through said support and the bottom of said tank, said sleeve having cooperating means for clamping the tank onto the support in liquid tight connection, a valve member comprising a tubular portion snugly fitting and rotatably and reciprocably mounted within said sleeve, said valve member having a head at the top or inner end thereof for seating engagement with the top of said sleeve, said tubular portion having lateral openings near the inner end thereof, a spout rotatably carried by the lower or outer end of said tubular member, and coacting means between the sleeve and valve member for raising and lowering said valve member upon the turning of said spout to different positions, whereby said head is unseated from and seated against the top of said sleeve, respectively, for exposing said openings above or closing them by telescoping within the top of said sleeve.

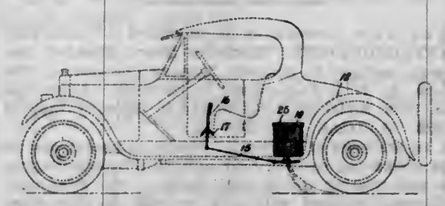
1,622,164. IGNITION APPARATUS. HARRY E. NORVEL, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Aug. 12, 1924. Serial No. 731,690. 8 Claims. (Cl. 123—146.5.)

3. Ignition controlling apparatus for automobiles comprising, in combination, an ignition timer; a lever in convenient reach of the automobile driver for controlling the timer to advance and retard the timing of ignition; means responsive to a movement of said lever to a position beyond its normal range of spark-timing-control movement for rendering the ignition inoperative; and means for



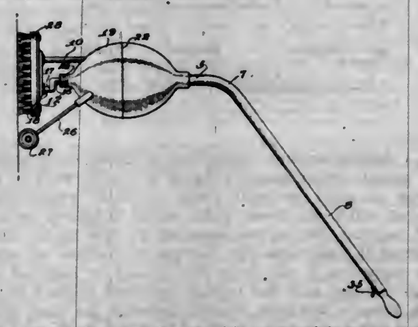
adding a noticeable mechanical resistance to the movement of said lever into position for rendering the ignition inoperative.

1,622,165. AUTOMOBILE SANDER. EDWARD P. ROBINSON, Mount Vernon, N. Y. Filed Nov. 27, 1926. Serial No. 151,140. 7 Claims. (Cl. 291—34.)



2. The combination with an automobile including running boards, of said hoppers mounted on the rear ends of the running boards, discharge pipes from the hoppers extending through the running boards and sliding control valves for the discharge pipes mounted under the running boards, and slide valve carriers clamped to the lower ends of the pipes.

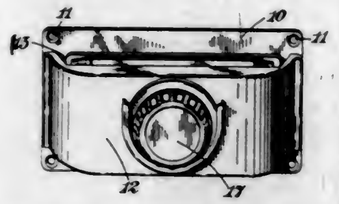
1,622,166. CLEANING MACHINE. JOHN M. SCHULTZ, Waukesha, Wis. Filed July 6, 1926. Serial No. 120,811. 2 Claims. (Cl. 15—49.)



1. A portable cleaning machine comprising a motor, a handle extending therefrom for moving the machine over the surface to be operated upon, a brush having a flat

back portion, means providing a sliding and pivotal connection between said brush and said motor, said brush being supported for oscillatory and sliding movement in the plane of its flat back portion, a shaft extending from and rotated by said motor and having its remote end formed into a crank connected to said brush, a casing completely enclosing said motor and forming a support for said shaft and rollers arranged to one side of the brush and supported by the casing in position to engage the surface to be cleaned.

1,622,167. COMBINATION ARTICLE. ALLAN GORDON SMITH, London, England. Filed June 26, 1926. Serial No. 118,814. 3 Claims. (Cl. 224—29.)

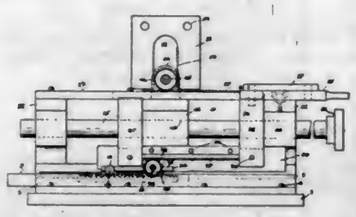


1. A combination toilet article comprising in combination a base-plate, means for mounting it in the interior of a motor car, a body-portion of mouldable material secured thereon to constitute a pocket, a member comprising a grooved support and grooved slides mounted on the front of said body-portion, and a flanged box removably mounted in said slides.

1,622,168. PROCESS OF MAKING 2-7 DINITROANTHRAQUINONE. BERTHOLD STEIN, Elberfeld, Germany, assignor to Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed June 28, 1926, Serial No. 119,199, and in Germany June 25, 1925. 3 Claims. (Cl. 260—57.)

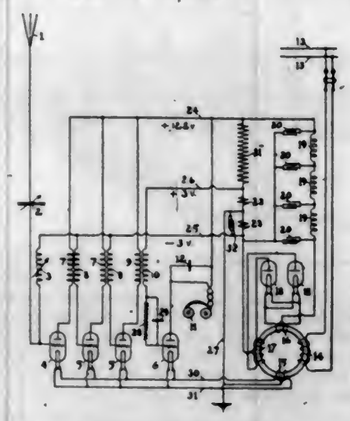
3. In processes of making 2-7 dinitro-anthraquinone the steps comprising treating tetra-nitrodianthrone with pyridine and treating the pyridine salts of the tetra-nitrodianthranol obtained with acid to form the tetra-nitrodianthranol and oxidizing the latter with concentrated nitric acid.

1,622,169. FORGING MACHINE. AUGUST ZIDOVEC, San Rafael, Calif. Filed Jan. 3, 1922. Serial No. 526,642. 3 Claims. (Cl. 80—20.)



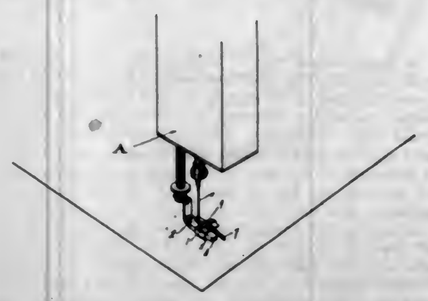
3. A forging machine comprising a frame, an eccentrically mounted work holder adapted to receive work to be pointed mounted on said frame, a shaft reciprocally mounted within the frame, a die carrier supported by the shaft, another die carrier mounted on the frame, dies supported in said respective carriers in position whereby work supported in the work holder may be disposed to engage the dies, said dies having oppositely inclined faces which form a V-shaped opening between the dies, said inclined faces also being inclined from the horizontal so that they converge towards certain ends of the dies for the purpose of drawing the end of the work to a point.

1,622,170. SUPPLY CIRCUITS FOR RADIO SETS. JULIUS GOUBOUSS ACHVES, New York, N. Y., assignor to Crocker-Wheeler Company, Ampere, N. J., a Corporation of New Jersey. Filed Apr. 29, 1922. Serial No. 557,348. 1 Claim. (Cl. 250—27.)



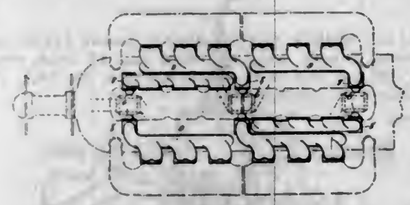
In a radio set, the combination of an amplifying tube, means for heating the filament of the tube, a connecting circuit, a source of direct-current energy in separate circuits from the circuit for heating the filament having its positive end connected to the plate and its negative end connected to the grid of the tube, a resistance connected between the two ends of the direct-current source, and a conductive connection between an intermediate point of the resistance and the filament circuit, whereby the grid is made more negative than the negative end of the filament.

1,622,171. BRAIDER ATTACHMENT FOR SEWING MACHINES. DANIEL L. ANTHONY, El Paso, Tex., assignor of one-half to Henry E. Cottman and one-half to Evor P. Morgan, El Paso, Tex. Filed July 6, 1925. Serial No. 41,475. 1 Claim. (Cl. 112—139.)



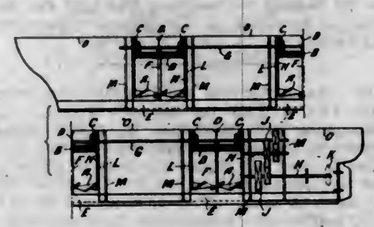
A braider attachment for sewing machines comprising a thin metal body portion adapted to be placed on top of the presser foot of a sewing machine and having a groove extending across the upper side thereof, which groove defines a rib on the under side of the body, which rib is adapted to engage in the bifurcation provided between the extremities of the presser foot, a downwardly extending flange on one edge of the body portion adapted to engage one side of the presser foot, a laterally extending clamping jaw at the lower end of the flange yieldingly engaging the lower side of the presser foot and a narrow spring tongue formed integral with the body portion on the end thereof opposite that carrying the flange, which tongue is bent downward to lie on top of the body portion and extends across said groove.

1,622,172. INTAKE-MANIFOLD ARRANGEMENT FOR W-TYPE INTERNAL-COMBUSTION ENGINES. GLENN D. ANGLE, Dayton, Ohio. Filed May 29, 1923. Serial No. 642,260. 5 Claims. (Cl. 123—55.)



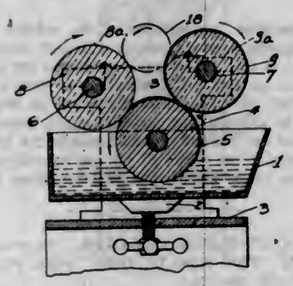
1. In combination with a W-type internal combustion engine, an intake manifold system comprising parallel series of induction pipes in substantially upright position and arranged on opposite sides of and in transverse alinement with the center and two end main bearings, and intake manifold units extending in a fore and aft direction from said induction pipes, all of said intake manifold units being identical and interchangeable.

1,622,173. MEANS FOR UTILIZING WAVE MOTION FOR THE PROPULSION OF SHIPS AND THEIR AUXILIARY MACHINERY. THOMAS RICHARD BRAN, Guernsey, Channel Islands, and RALPH ELIAS TAUDEVIN, Welwyn, Hertford, England. Filed Oct. 9, 1926, Serial No. 140,629, and in Great Britain Oct. 20, 1925. 5 Claims. (Cl. 115—4.)



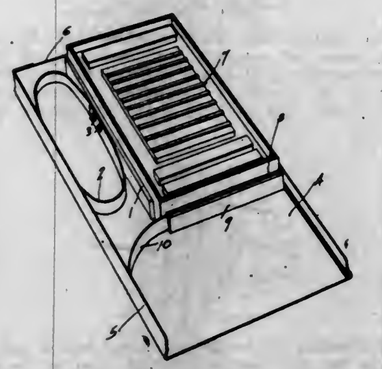
1. Means for utilizing the motion of the waves and the kinetic energy of the ship's mass in the propulsion of a ship comprising water turbines arranged in the ship's hull and oscillated by the rise and fall of water therein and means transforming said oscillation into uni-directional rotary motion for driving the ship's propeller.

1,622,174. COATING MACHINE AND PROCESS OF COATING CYLINDRICAL OBJECTS. ROBERT F. BECHT, Silverton, Ohio. Filed Aug. 6, 1926. Serial No. 127,602. 6 Claims. (Cl. 91—50.)



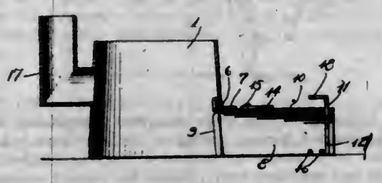
1. That process of coating cylindrical objects which consists in rotating the objects by peripheral contact with a relatively rapid moving roller, and applying a coating of material to the cylindrical objects by peripheral contact with a relatively more slowly rotating roller.

1,622,175. AUTOMATIC TYPE LOCK. EDWIN W. BEEDLE, San Francisco, Calif. Filed Aug. 26, 1925. Serial No. 52,558. 2 Claims. (Cl. 276—42.)



1. A device for holding type in assembled order within a galley comprising a clamping bar adapted to engage the type and a flat spring of substantially circular form fastened to one side of said bar at a point approximately centrally of the ends of said bar, which spring is adapted to engage the wall of the galley opposite the side of the type engaged by said bar.

1,622,176. PORTABLE STOVE. WILLIAM T. BISHOP, Henderson, Tenn. Filed June 18, 1926. Serial No. 116,904. 5 Claims. (Cl. 126—29.)

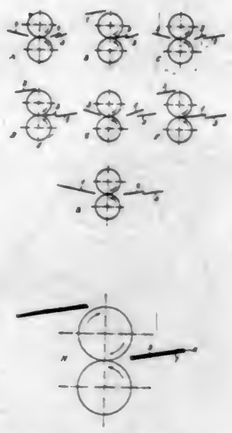


1. A portable stove having a substantially cylindrical center portion having open ends, means for adjusting the respective diameters of the upper and lower ends, a fire-box extending laterally from said center portion and communicating with the interior thereof, a door slidably connected with the outer end of the fire-box, and having notches in the edge thereof, a lever pivotally mounted upon the fire-box in position to engage the notches, and a flue connected with the center portion.

1,622,177. PROCESS FOR ROLLING THIN OR MIDDLE SHEETS FROM SHEET BARS. GIOVANNI BOSCARELLI, London, England. Filed June 20, 1923, Serial No. 646,686, and in Great Britain July 21, 1922. 4 Claims. (Cl. 29—19.)

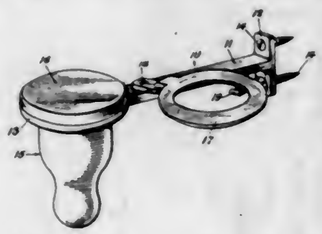
3. A method for producing middle or thin sheets from sheet bars in which the necessity for intermediate heating is avoided and the time for production reduced, comprising the rolling consecutively of a plurality of sheet bars to the desired dimension, piling them together and rolling again in this combined leaf form to the desired dimensions without further heating, mechanically lifting

the combined sheet on the catcher side of the rolls, in order that they may be passed over the rolls to doubling and heating means, doubling the said combined sheet and



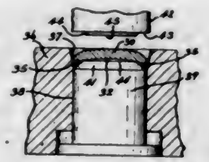
then reheating the doubled sheet thus formed and finally rolling the said combined doubled sheet to the desired dimensions.

1,622,178. CLEANER FOR NURSING-BOTTLE NIPPLES. ROSANNA MARIA BROPHY, Jersey City, N. J. Filed Aug. 27, 1926. Serial No. 131,973. 4 Claims. (Cl. 141—1.)



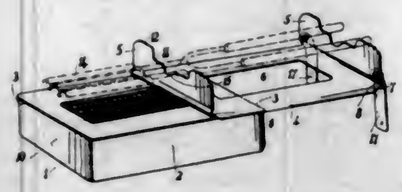
1. A device of the class described comprising a supporting bracket having a ring at one end thereof, a form member of a shape to receive a nursing bottle nipple thereto and provided with a flange for seating engagement with said ring, and a clamping ring movable into alignment with said ring and engaging said form member for holding the same seated upon said ring.

1,622,179. METHOD OF MAKING CLAMPING RINGS FOR COMMUTATORS. JOHN J. CARTER, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Oct. 31, 1923. Serial No. 672,009. 3 Claims. (Cl. 29—155.5.)



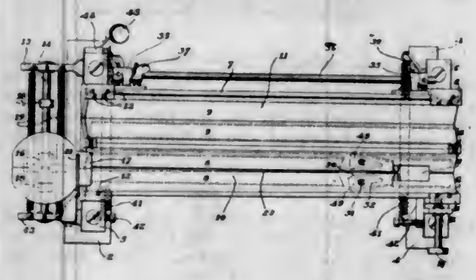
1. The process of making a clamping ring for commutators, which includes forming a dished disk having a flange wedge-shaped in cross-section, then coining the disk to decrease the thickness of the central portion thereof and increase the sectional dimension of the wedge-shaped flange from the apex thereof to the side opposite, and providing an aperture in the disk, concentric with the flange.

1,622,180. SPIRIT STOVE. PHILIP GEORGE JAMES COLBOURNE, London, England. Filed July 17, 1926, Serial No. 123,216, and in Great Britain Nov. 20, 1925. 12 Claims. (Cl. 126—38.)



1. A portable spirit stove having in combination with the container a slidable stand device conforming in shape with the container, a peripheral flange at the top of the container, guides of channel form on the stand adapted to co-operate with the flange and hold the stand to the container, whereby the stand is usable when slid so as to overlap the container as well as when wholly thereover, and channelled uprising supports at each end of the stand constructed so that when the stand is not in use and is inverted over the container, they lie compactly against the ends of the container and hold the stand to the container by reason of the channels engaging the peripheral flange.

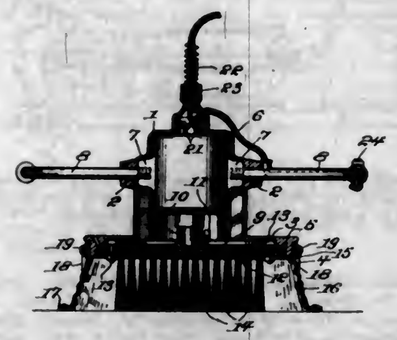
1,622,181. MACHINE FOR SEPARATING THE WHITES FROM THE YOLKS OF EGGS. WILLIAM CONNER, Philadelphia, Pa. Filed Dec. 3, 1921. Serial No. 519,631. 27 Claims. (Cl. 146—2.)



3. In a machine for separating the whites from the yolks of eggs, the combination of a trough having a longitudinal slot in the bottom thereof, means for supporting the trough in an inclined position, said slot being of a width to permit the passage therethrough of the white of an egg and to prevent the passage of the unbroken yolk of an egg, and an inclined trough beneath the first named trough to support the white of an egg extending through said slot prior to its complete separation from the yolk.

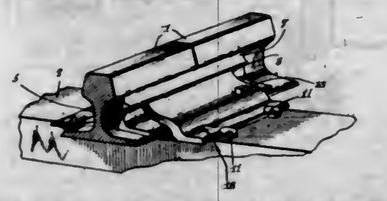
1,622,182. MEAT-BLOCK CLEANER. NATHAN COWAN, Chicago, Ill. Filed Aug. 18, 1926. Serial No. 130,065. 3 Claims. (Cl. 15—28.)

1. A cleaning device of the class described comprising a casing having a base portion, a motor held in the upper part of the casing, a brush holder rotatably mounted in the base portion, means for connecting the holder with the shaft of the motor, a brush connected with the holder, a flexible apron having its upper portion connected with



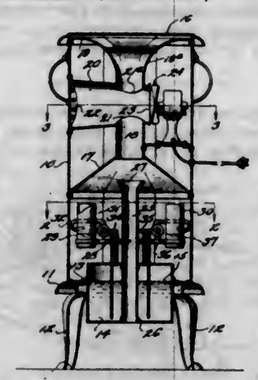
the base portion and spring means connected with the base portion and the bottom of the apron for holding the apron extended.

1,622,183. RAIL JOINT. LÉON D'AMOURS, Trois-Pistoles, Quebec, Canada. Filed July 3, 1926, Serial No. 120,496, and in Canada July 3, 1925. 2 Claims. (Cl. 238—208.)



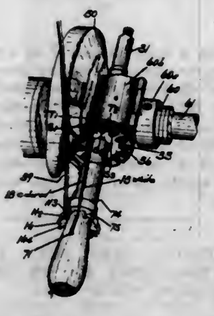
1. A rail joint or support comprising in combination with a rail, a clip on which said rail is disposed, said clip having tongues overlapping the base of said rail, a wedge driven between one of said tongues and said base, said wedge having teeth cut in one of its edges, a locking pin driven through said tongue and adapted for engagement with said teeth, and a spring pressing said pin against said teeth.

1,622,184. AIR-HEATING OIL STOVE. CLAWSON DAVIS, Ann Arbor, Mich., assignor of one-half to C. J. Seyfried, Morenci, Mich. Filed Sept. 20, 1926. Serial No. 136,596. 4 Claims. (Cl. 126—95.)



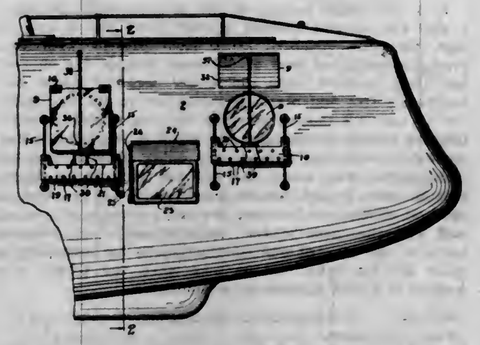
1. In a stove of the character described, a casing, a frusto conical shell member located within the intermediate portion of the casing, a conduit extending to the upper end of the casing, the upper end of said conduit being flared, the top of the casing being perforated, a fuel reservoir located within the bottom of the casing, an air inlet conduit extending upwardly centrally through the fuel reservoir in non-communicating relation thereto and discharging into said frusto conical shell member, and oil burners mounted within the casing between the oil reservoir and said frusto conical shell member.

1,622,185. MANUFACTURE OF ARMATURES. FRED G. DEWEY, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Oct. 16, 1924. Serial No. 743,973. 7 Claims. (Cl. 171—206.)



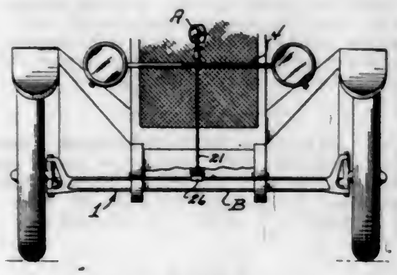
1. The method of winding coils progressively into spaced slots of an armature core which includes so winding the first turn of a coil about the core that the starting active coil side is located upon the periphery of the core while the other active coil side of the first turn is located within a core slot, then winding the other turns of a coil so that both active coil sides of these other turns will be located in core slots, and then placing the starting active coil side upon the other coil sides in a certain slot so that the coil leads will emerge from the respective starting and ending active coil sides substantially the same distance from the periphery of the core.

1,622,186. UNDER-SEA-ILLUMINATING MEANS FOR SUBMARINES. WERONIKA DOBSON, Milwaukee, Wis. Filed Apr. 8, 1926. Serial No. 100,720. 8 Claims. (Cl. 114—16.)



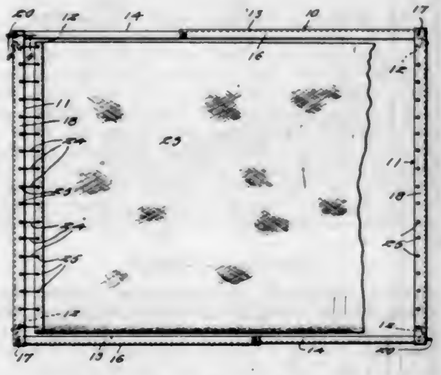
1. In under sea illuminating means for submarines, searchlights set into the side wall of the submarine, hinged covers for the outer ends thereof, means for positively moving the covers to open and closed positions, and an electrically charged device movable toward the searchlight opening when the cover therefor is opened.

1,622,187. LIGHT. FRANCIS PIERCE DROHAN, Jacksonville, Fla. Filed Feb. 13, 1926. Serial No. 88,133. 6 Claims. (Cl. 240—62.)



1. In a vehicle, a lamp supported on a part of the same, a rotatable member supported in the lower part of the vehicle, means for communicating the movement of the said member to the lamp, means for moving said member a certain extent when the steering mechanism is moved to turn the vehicle in one direction and means for moving the member to a greater extent when the steering mechanism is manipulated to shift the wheels in the other direction.

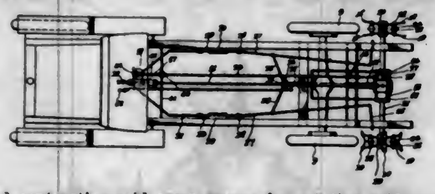
1,622,188. FOLDING CAMP BED. LEROY EDWARDS, Stanley, N. Dak. Filed Apr. 24, 1926. Serial No. 104,427. 4 Claims. (Cl. 5—114.)



1. A bed frame formed in two sections each including a side and an end member of the frame and a pair of legs, the side members being each formed with two pivotally connected bars of different lengths, the shorter bar being foldable upon the longer bar, the longer bar having its free end pivotally connected to the end member at one end thereof whereby the folded side member may be folded against the end member, said legs being pivoted to said end member and being likewise foldable thereagainst, the longer bar of the side frame being shorter than the end member whereby space is provided at one end of the end member for the reception of one of said legs, the space between the free end of the shorter bar and the pivoted end of the longer bar affording a space for the other of the legs when the folded side member is folded against the end member.

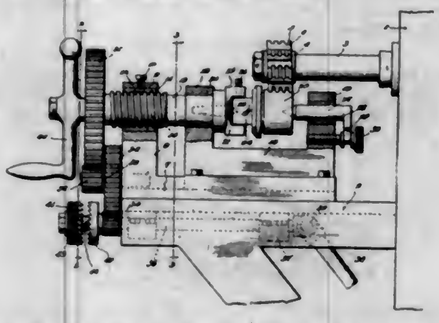
1,622,189. DEVICE FOR ATTACHING LUGS TO VEHICLE WHEELS. AMBROSE ELLZEY, Florien, La. Filed June 11, 1926. Serial No. 115,410. 9 Claims. (Cl. 152—14.)

1. A device for attaching mud lugs to vehicles comprising a pair of laterally expansible arms mounted for longitudinal shifting movement upon the vehicle and being adapted to carry a mud lug, means for expanding



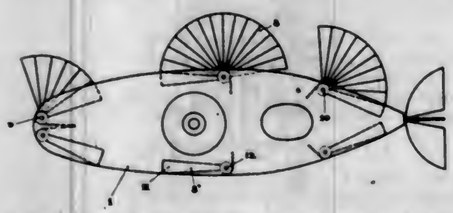
and contracting said arms, means for rotating said arms, and means for shifting said arms toward the vehicle wheels to which the mud lugs are to be applied.

1,622,190. THREAD-CUTTING MECHANISM. STANLEY W. ELSTONE, Walkerville, Ontario, Canada, assignor to Huron Manufacturing Co., Detroit, Mich., a Corporation of Michigan. Filed Mar. 6, 1925. Serial No. 13,533. 1 Claim. (Cl. 10—154.)



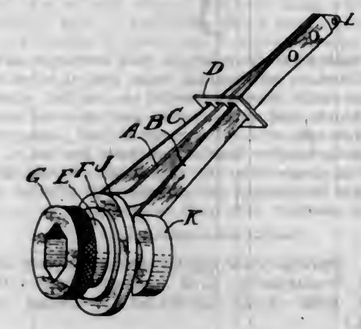
A thread cutting machine comprising a bed plate having an upstanding head having an opening therein, a block slidably mounted upon the bed plate and having upstanding head and tail stocks, a work supporting element carried by the tail stock, a spindle rotatably mounted in the head stock, a chuck carried by the said spindle for supporting the end of the work opposite the end which is engaged by the said supporting element and having a shoulder abutting the head stock, a bushing removably fitted in the opening in the head of the bed plate, means removably securing the bushing in place, the bushing being interiorly threaded and the spindle having a threaded portion fitting therein, a gear fixed upon the spindle, and a drive gear in mesh therewith and free from obstruction to lateral displacement and disengagement of the first mentioned gear therefrom when the securing means for the bushing is rendered inactive.

1,622,191. HELICOPTER. ANTOINE PADOUE FILIPPI, Paris, France. Filed Feb. 6, 1926, Serial No. 86,514, and in France Feb. 27, 1925. 4 Claims. (Cl. 244—20.)



2. In a helicopter a plurality of expanding surfaces, a spherical chamber with means for supplying compressed air to said chamber, a plurality of cylinders arranged around said chamber, pistons in said cylinders, operating means between said pistons and said expanding surfaces, and means for controlling the passage of air from the spherical chamber to the cylinders according to the tilting of the helicopter whereby said surfaces will be expanded in accordance with the tilting of the helicopter, said means consisting of a diaphragm arranged diametrically in the spherical chamber, and means for normally retaining the diaphragm in the horizontal position so that it remains substantially stationary whilst the spherical chamber moves in relation thereto.

1,622,192. TOOL. WILLIAM P. FINKLE, Castleton-on-Hudson, N. Y., assignor of one-half to Henry A. Bailey, Burlington, Vt. Filed Mar. 9, 1926. Serial No. 93,523. 2 Claims. (Cl. 81—3.)



2. In a washer and nut manipulating tool, an arm having an angularly disposed end, a socket rotatable therein, an arm on each side of the first mentioned arm, each of the second mentioned arms having angularly disposed ends with sockets in the facing edges thereof adapted for receiving a washer and holding it in alinement with the socket, and means for retaining the second mentioned arms in adjusted relation to the first mentioned arm and retaining the washer while the socket is being manipulated.

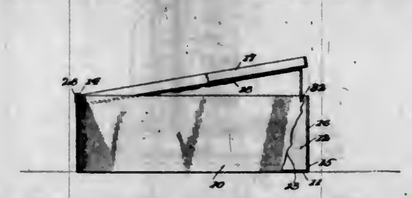
1,622,193. GUN SIGHT. JOSEPH FISCHER, Faith, S. Dak., assignor to August Hanneman, Redelm, S. Dak. Filed June 29, 1925. Serial No. 40,430. 2 Claims. (Cl. 33—53.)



1. The combination with a firearm including a barrel provided at its forward end with a front sight, of a spring clamp device adapted to be mounted upon the forward portion of the barrel to the rear of the front sight thereon, an elongated tubular member pivotally connected with said clamp and adjustable longitudinally of the barrel, a fork at the rear end of said tubular member, a carriage pivotally mounted within said fork, a leaf pivotally mounted upon the gun barrel and slidably engaged within said carriage and means on the carriage for locking the same against movement with respect to the leaf.

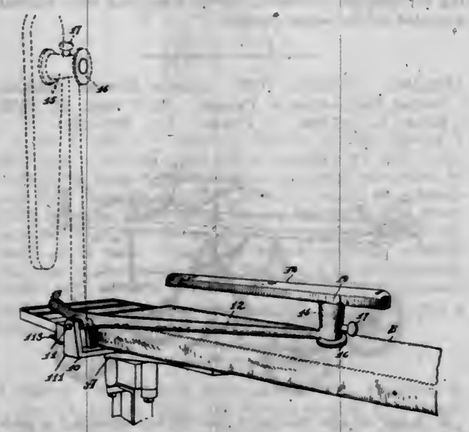
1,622,194. DISPLAY CONTAINER. HIDDEN EARL FREEMAN, Crewe, Va. Filed Nov. 7, 1923. Serial No. 673,314. 1 Claim. (Cl. 206—44.)

A box for containing confection or the like having its rear end cut away to enable access to be had to the interior of the box through the rear end, in combination with a display tray, and means for supporting the tray at an angle on the said box with its front end at the level of the front of the box and its rear end vertically spaced above the rear end of the box, said means including a wire frame constructed of two pieces of wire intertwisted intermediate their ends and having their



front ends extending from each other in diverging relation and their rear ends extending from each other in diverging relation, the extremities of the front ends being formed with upwardly offset hooks engageable over the front wall of the box, the rear ends having portions disposed to constitute vertical legs and terminating in hooks engageable over the side walls of the box adjacent its rear end.

1,622,195. PRESSING ARM. ALFRED HOPKINS, Allston, Mass., assignor to Hopkins Manufacturing Co., Boston, Mass., a Corporation of Massachusetts. Filed May 21, 1926. Serial No. 110,757. 1 Claim. (Cl. 68—10.)

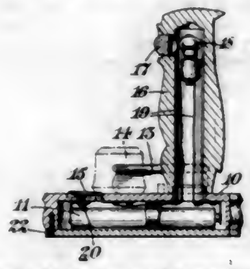


In a device of the class described a support, a presser arm pivoted near one end on said support to swing to a raised position or a lowered position, a socket rigid with said presser arm at the opposite end of said arm and disposed vertically, a presser board, and a member on said presser board turnably fitting said socket to permit the presser board to be swung horizontally.

1,622,196. SMOKER'S COMPANION. BERNARD CHARLES HOWELL, London, England, assignor to Henry Howell & Company Limited, London, England, a British Company. Filed Mar. 23, 1926, Serial No. 96,851, and in Great Britain Feb. 20, 1926. 6 Claims. (Cl. 40—126.)

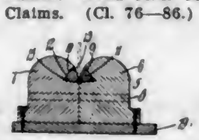
1. In a "smoker's companion," the combination of a hollow ornamental figure, a portion of which is trans-

lucent, an electric lamp serving to illuminate the interior of the hollow figure, an energizing circuit for the lamp,



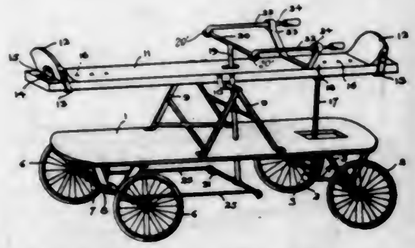
and a switch device for said energizing circuit, said switch device comprising a movable match striking surface.

1,622,197. KNIFE SHARPENER. LILLIAN M. KEEZER and FRED A. OSGOOD, Boston, Mass.; said Osgood assignor to said Keezer. Filed Mar. 30, 1926. Serial No. 98,576. 7 Claims. (Cl. 76—86.)



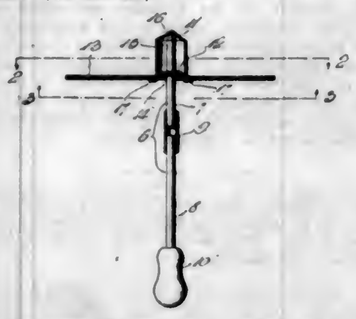
7. A sharpener member for a knife sharpening device, the same being triangular in cross section with abrading surfaces on a plurality of its faces and with notches provided in the edges thereof.

1,622,198. CHILD'S TOY. ALBERT EDWARD KEHLER, Jasper Park, Alberta, Canada. Filed Sept. 22, 1925. Serial No. 57,925. 2 Claims. (Cl. 208—33.)



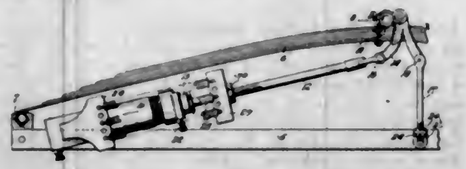
1. A toy of the character described comprising a platform equipped with axles carrying suitable supporting wheels, the front axle being pivoted to swing about an intermediate vertical pivot for steering the platform, a rigid steering shaft passing upwardly through the central portion of the platform, a cross bar fixed to the lower end of said steering shaft, links connected between the ends of said cross bar and the ends of the pivoted axle to swing the latter laterally in response to turning movement of the shaft, an elevated transverse shaft carried by the platform above the central portion thereof, a board having its intermediate portion pivotally secured upon said shaft and provided with a slot receiving the upper portion of the steering shaft therethrough, a cross bar fixed to the upper end of the steering shaft, handle members attached to the ends of said last named cross bar, bracket members carried by said board and serving to slidably support said handle members, and a drive mechanism between the board and the rear axle functioning to rotate said axle in response to rocking movement of the board.

1,622,199. SPINNING TOY. WILLIAM J. KERR, Smethport, Pa. Filed Dec. 3, 1925. Serial No. 72,957. 3 Claims. (Cl. 46—32.)



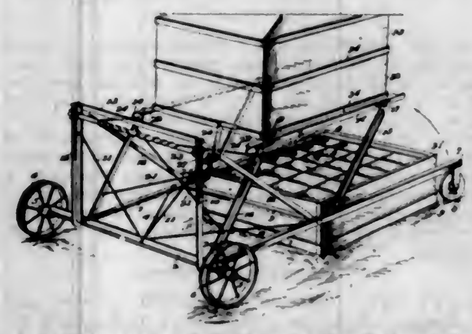
1. A spinning toy comprising a staff having a pointed upper end and an outstanding flange spaced below said end, a rotatable member having a central opening through which said staff passes, said member underlying said flange, a sleeve secured to and rising from said rotatable member around the upper portion of the staff, and a closure for the upper end of said sleeve resting upon the pointed end of said staff whereby said member is rotatably supported on the staff.

1,622,200. SHOCK ABSORBER AND SNUBBER COMBINED. CHARLES H. LINN, Oakland, Calif. Filed Jan. 27, 1926. Serial No. 84,249. 7 Claims. (Cl. 267—34.)



1. A flexible suspension system for vehicles, comprising a bell crank lever, means to pivotally attach said bell crank lever to the axle of the vehicle, a double acting pneumatic resistance device embodying a part adapted to be fixed to the vehicle frame and a movable part attached to one arm of said bell crank lever, and means to connect the other arm of said bell crank lever to the vehicle frame.

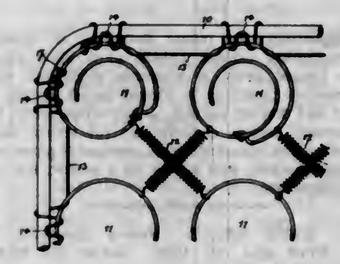
1,622,201. PORTABLE LIFTER FOR BEEHIVES. DANIEL G. LITTLE, Hartley, Iowa. Filed Apr. 28, 1926. Serial No. 105,244. 2 Claims. (Cl. 254—4.)



1. A lifting device of the character described comprising a base, said base including a pair of side bars, a cross bar connecting the rearward ends of the side bars,

and an intermediate cross bar between said side bars, said base being open between said side bars from the forward ends of the side bars to said intermediate cross bar, wheels at the opposite ends of said side bars for movably supporting said base, the forward end portions of said side bars being adapted to straddle the lower section of a sectional bee hive, a lifting frame comprising a pair of horizontal supporting bars, and pairs of front and rear lifter bars, the front lifter bars being attached pivotally to the front end portions of the supporting bars and being swingingly attached at their normally lower ends to said side bars of the base intermediate the length of said side bars, the upper end portions of the rear lifter bars being pivotally attached to the rear end portions of said supporting bars and the lower end portions of said lifter bars being swingingly attached to the rearward ends of said side bars of the base, said front and rear lifter bars at each side of the base being parallel, said supporting bars of the lifting frame having inwardly extending flanges at their upper edges, extending beyond the vertical planes of the inner edges of said side bars of the base, stay rods between the rear lifter bars, whereby all of said lifter bars will move in unison, standards on the rearward end portions of said side bars of the base, a transverse shaft rotatably supported by the upper end portions of said standards, and cables connected at their forward ends to the upper end portions of the rear lifter bars and attached at the rearward ends to said shaft.

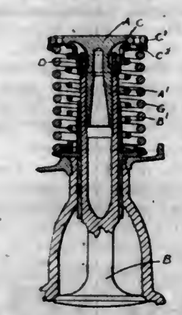
1,622,202. CUSHION-SPRING CONNECTION. VINCENZO MASSACESE, New York, N. Y. Filed Apr. 20, 1926. Serial No. 103,363. 1 Claim. (Cl. 5—260.)



In a spring structure, a frame, springs, and a length of wire provided with U-shaped offset loops having converging members, each loop being bent under and over the end convolution of a spring, under and over the frame and then under and over the said convolution of a spring with its end extending between the members of the loop towards the frame, whereby the frame and the spring are held in separate encircling portions and thereby a rigid connection between the spring and frame obtained.

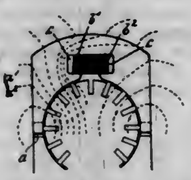
1,622,203. LOCKING DEVICE FOR ADJUSTABLE RODS, SPINDLES, AND THE LIKE. MONTAGUE STANLEY NAPIER, Cannes, France, and GEORGE SHAKESPEARE WILKINSON and HENRY CHRISTOPHER TRYON, London, England, assignors to D. Napier & Son Limited, London, England, a Company of Great Britain. Filed Sept. 3, 1925, Serial No. 54,342, and in Great Britain Dec. 23, 1924. 2 Claims. (Cl. 151—2.)

1. In a device for locking two screw-threaded parts of an adjustable rod in their position of adjustment, the combination of an externally screwthreaded part, a locking member normally in frictional engagement therewith, a tubular extension on said locking member having a plurality of internal splines of which the majority do not extend to the outer end of the collar, at least one spline extending beyond the rest, an internally screwthreaded part and a plurality of external splines formed around the end of said internally screwthreaded part adjacent the externally screwthreaded part, the majority of said external



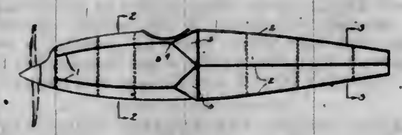
splines terminating short of the end of the internally screwthreaded member while at least one spline extends beyond the rest as set forth.

1,622,204. MAGNET FRAME FOR ELECTRIC MACHINES WITH SPLIT POLES. HERMANN PAPST, Vienna, Austria, assignor, by mesne assignments, to Francis B. Keane, Bridgeport, Conn. Filed May 25, 1926, Serial No. 111,587, and in Austria Mar. 18, 1925. 2 Claims. (Cl. 171—209.)



1. In a split pole dynamo electric machine having a field and a slotted armature, a plurality of split polar projections having their adjacent portions separated by pole gaps, each of said gaps having a width of substantially twice the width of the air gap separating said armature and field, and having at least a portion thereof disposed at an angle to the axis of said machine, whereby the sum of the partial fields fluctuating in counterphase about each of said gaps is maintained at a constant value, and whereby the armature flux is resolved into a single field surrounding each of said gaps.

1,622,205. FUSELAGE FOR AIRCRAFT. CHARLES L. PAULUS, Dayton, Ohio, and ROBERT KAUCH, U. S. Army, Camp Nichols, P. I. Filed Feb. 1, 1926. Serial No. 85,407. 9 Claims. (Cl. 244—30.)

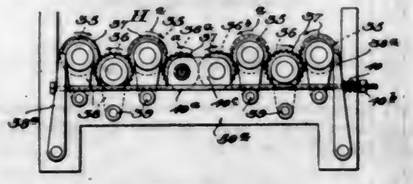


9. In an aircraft, a fuselage comprising front and rear sections each of said sections being formed from four similarly shaped plates, rigid members for absorbing longitudinal stresses, the members for the front section extending longitudinally at diagonal points between the horizontal and vertical axial planes of the fuselage and on said axial planes in the rear section, means for connecting the front rigid members to the rear ones, and means whereby the front section may be easily dissembled from the rear section.

1,622,206. PRODUCTION OF PHOSPHORUS PENTOXIDE. GUSTAV PISTOR, Bitterfeld, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort, Germany. Filed Dec. 8, 1925, Serial No. 74,168, and in Germany Dec. 30, 1924. 2 Claims. (Cl. 23—165.)

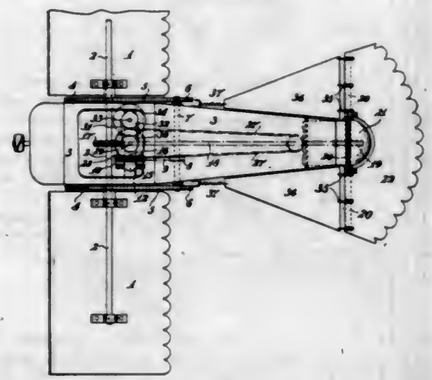
1. The method of making the combustion products of phosphorus and air non-corrosive upon metal vessels which consists in drying the air by means of phosphorus pentoxide obtained by a previous operation.

1,622,207. HUSKING UNIT. JOHN POWELL, Kokomo, Ind. Original application filed Mar. 27, 1925, Serial No. 18,718. Divided and this application filed May 19, 1926. Serial No. 110,239. 6 Claims. (Cl. 130—5.)



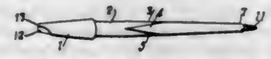
1. In a corn harvesting machine, a corn husking unit including a plurality of husking rolls, and a central pair of said rolls being mounted in a stationary position and rotated in opposite directions, and the rolls at each side of said central pair being pivotally mounted and alternately journaled in planes above and coincident with the axis of the central pair of rolls.

1,622,208. CONTROL OF AEROPLANES AND THE LIKE. THOMAS FREDERICK ROBERTS, Peckham, London, England. Filed Feb. 11, 1926, Serial No. 87,720, and in Great Britain Feb. 21, 1925. 1 Claim. (Cl. 244—29.)



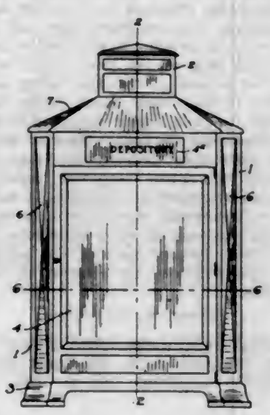
In an aeroplane, the combination of a fuselage, transversely mounted tilting wings carried by the fuselage, a tail mounted transversely of the fuselage operable in unison with said wings, means for obtaining a rotary adjustment of said tail axially of said fuselage, and resilient connections between said tail and said fuselage.

1,622,209. BORING AND REAMING TOOL. CHARLES B. ROBINSON, Wilmington, Ohio, assignor to The Irwin Auger Bit Company, Wilmington, Ohio, a Corporation of Ohio. Filed Feb. 27, 1925. Serial No. 11,945. 1 Claim. (Cl. 145—116.)



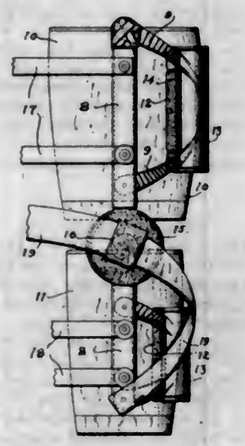
A boring and reaming bit comprising a body part, a shank at one end of the body part and a pointed screw-threaded tip at the other end of the body part, said body part being approximately cylindrical from its intermediate part to the shank and said body part being tapered from the cylindrical part to the screw-threaded tip with said tapered part having flattened sides to provide longitudinal cutting edges converging toward the screwthreaded tip.

1,622,210. DEPOSITORY ADVERTISING CABINET OR THE LIKE. INGEMAR K. RYSTEDT, Dayton, Ohio, assignor of one-fourth to George K. Ander and one-fourth to A. H. Dunham. Filed Mar. 27, 1925, Serial No. 18,735. Renewed Jan. 12, 1927. 6 Claims. (Cl. 40—38.)



1. A depository for refuse including in combination with a stationary cabinet having open glass panels including a hinged panel, a structure supported rotatably in said cabinet including a hinged panel having means to support and display posters, as advertisements, through said stationary panels, a receptacle for refuse supported within said inner structure and removable upon opening of the hinged panels, and means, as a motor, for rotating the inner structure.

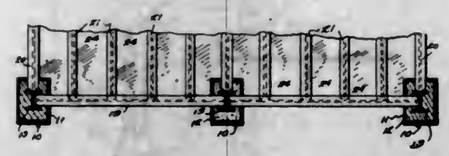
1,622,211. KNEE BRACE. FRANK SHEEHAN, Ithaca, N. Y. Filed Mar. 18, 1926. Serial No. 95,618. 5 Claims. (Cl. 2—22.)



1. A knee brace comprising two elastic bandages adapted to encompass the leg above and below the knee respectively, resilient flexible frame sections supported by the elastic bandages and pivotally connected at the sides

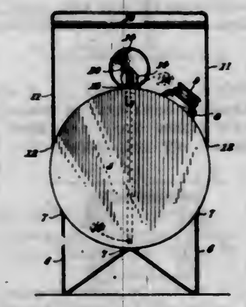
of the knee joint, and elastic means passing across the pivotal connections of the frame sections to draw the same into intimate contact with the opposite sides of the knee joint.

1,622,212. BUILDING CONSTRUCTION. GEORGE A. SHIELDS, Columbus, Ohio. Filed Dec. 12, 1925. Serial No. 75,114. 2 Claims. (Cl. 72—66.)



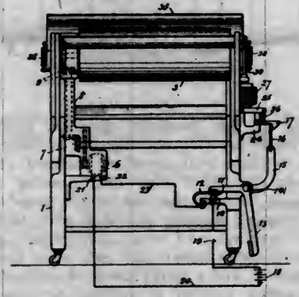
1. In a building construction, a plurality of columns each including a vertical metal beam, a plurality of preformed sheets of material surrounding said beam and spaced therefrom and a filler of concrete arranged in the space between said beam and said sheets, said beam, said sheets and said filler having their upper ends flush, a horizontal metal beam supported at each end upon the upper ends of each adjacent pair of columns, a plurality of relatively small I beams arranged parallel to and spaced from each other and supported by said horizontal beams, said I beams having lower horizontal flanges, a plurality of preformed sheets supported upon the flanges of said I beams, a filler of concrete filling the spaces between said I beams and supported upon said last named sheets, said last named filler extending upwardly beyond said I beams to provide a floor surface, and a second column arranged over each of said first named columns in vertical alinement therewith, the preformed sheets of said second named column having their lower edges terminating substantially flush with the upper surface of said second named filler whereby the latter will bond with the fillers of said columns.

1,622,213. LIQUID SPRAYER. FRANK T. STEWART and WALTER W. STEWART, Sacramento, Calif. Filed July 21, 1925. Serial No. 45,072. 1 Claim. (Cl. 299—89.)



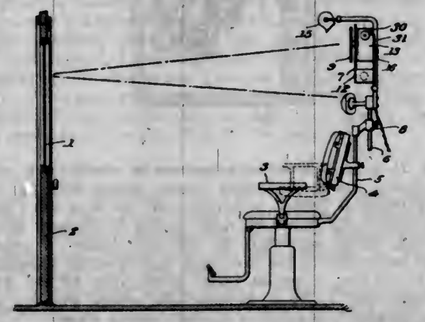
A liquid sprayer comprising a horizontal elongated tank provided with a filling opening, a tapered tubular open-ended manifold rigidly secured directly on top of the tank and extending longitudinally of and in contiguous relation to the tank from end to end of the latter, and an ejector tube extending through the bottom of the manifold and the top of the tank with its lower end terminating within the bottom portion of the tank and its upper end portion projecting forwardly in the forward end portion of the manifold and terminating adjacent the forward smaller end of the latter, said tank comprising a horizontal cylinder, and a supporting stand embodying a substantially W-shaped strip of sheet metal arranged transversely of and rigidly secured to the bottom of the tank.

1,622,214. GUARD AND STOP FOR IRONING MACHINES. HENRY TUCKER, Lakewood, N. J. Filed May 8, 1926. Serial No. 107,736. 1 Claim. (Cl. 192—130.)



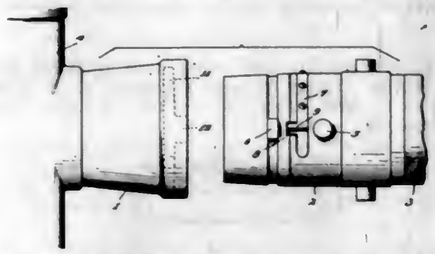
In combination with an ironing machine having a roll and a shoe, an electric motor transmitting motion to the roll, a spring contact arm having a contact thereon, a fixed contact, said contacts included in an electric circuit with the motor and a source of electricity supply, a bell crank lever adapted when moved in one direction to bend the spring contact arm so as to swing the contacts together and close the circuit to the motor, an arm fixed to move with the bell crank lever, a pivoted catch engaging said arm and holding the parts in operative position, a guard supported on the shoe and projecting above the roll, an electromagnet adapted when energized to cause the catch to be moved to release the arm and permit the first-mentioned contacts to be separated by the movement of the spring contact arm, and circuit closing means included in circuit with the magnet and a source of electricity, said circuit closing means being operated by the upward movement of the guard.

1,622,215. EYE-TESTING APPARATUS. THEODORE J. ARNESON, Baker, Oreg. Filed Jan. 26, 1925, Serial No. 4,898. Renewed Sept. 4, 1926. 1 Claim. (Cl. 88—20.)



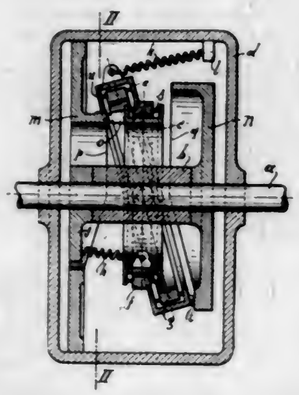
In eye testing apparatus, the combination of supporting means, a motor on said supporting means, and a disk mounted for continuous rotation by the motor and having on its face an eccentric red dot and a colored letter E, with a chair on which the testing apparatus is supported and relative to which the testing apparatus is adjustable, and the apparatus being arranged to be observed with the aid of a mirror by a patient seated in the chair.

1,622,216. COUPLING. HERMAN ANLAUF and THOMAS J. WARHURST, San Antonio, Tex. Filed Nov. 4, 1925. Serial No. 66,779. 1 Claim. (Cl. 285—175.)



A coupling of the character specified, comprising a member having a tapering opening and an inner annular groove with its outer wall oppositely inclined, and having openings upon its inner side only leading from the annular groove through the end of the member, and a companion tapering member provided with lugs to pass through the openings and enter the annular groove of the first mentioned member and ride upon the inclined outer wall thereof, and a spring mounted circumferentially upon the tapering member in position to clear the end of the first mentioned member, and having a lateral extension to enter the tapering opening and provided with an outer rib to engage a groove in the inner wall of the first mentioned member to secure the members when coupled.

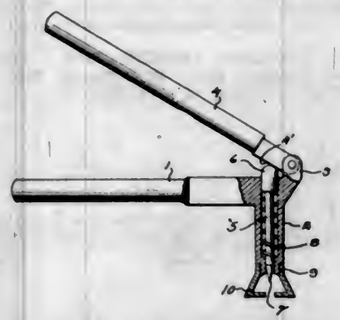
1,622,217. SPEED-REDUCING APPARATUS. ALFRED BARBIER, Courcelles, Belgium. Filed Feb. 16, 1926, Serial No. 88,616, and in Belgium Feb. 19, 1925. 6 Claims. (Cl. 74—14.)



1. In a speed reducing apparatus in combination with a driving shaft, a circular frame, means whereby the said frame is caused to rotate with the said shaft and to oscillate in planes at right angles to the said shaft, a ring freely supported by the said frame, a second ring concentric to the first ring and pivotally connected to the latter, a second frame acted upon by the said second ring, a driven member and means whereby the said member is rotated by the said second frame.

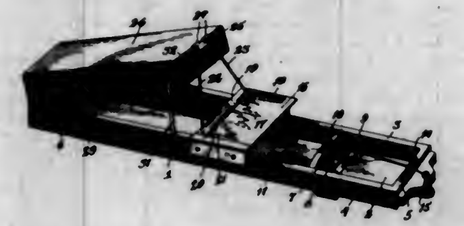
1,622,218. PULLING TOOL. WALTER J. BARNETT, Casper, Wyo. Filed May 19, 1926. Serial No. 110,292. 2 Claims. (Cl. 29—86.2.)

1. A tool of the class described comprising a pair of handles hingedly connected together, a cylinder connected with the lower handle and depending downwardly, a plunger carried by the cylinder and having its head projecting above the handle so that it will be engaged by the other handle, a spring for holding the plunger in



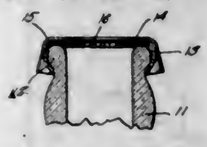
raised position and a pair of supporting members at the lower end of the cylinder spaced apart to permit the plunger to pass by them.

1,622,219. MUSICAL INSTRUMENT. WILLIAM BARTHOLOMAE, Brooklyn, N. Y. Filed Feb. 10, 1926. Serial No. 87,361. 3 Claims. (Cl. 84—173.)



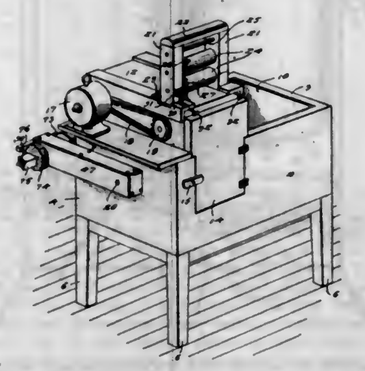
1. A musical instrument comprising a body, a tensioned vibratile member carried by the body acting to produce a sound when vibrated, a sound box hingedly connected with the body, a bridge connected with said sound box and normally resting on said vibratile member, and means for holding a card having music written thereon, and a guide and indicating member carried by the sound box and positioned to travel over said music as the sound box is swung back and forth.

1,622,220. BOTTLE CAP. ALBA C. BOOTH, Burlington, Vt., assignor of one-fourth to Frederick M. Coon, Burlington, Vt. Filed Jan. 16, 1926. Serial No. 81,789. 1 Claim. (Cl. 215—46.)



A bottle closure comprising a washer adapted to repose upon the mouth of the bottle and having a central opening, a crimped cap adapted to embrace the neck of the bottle and having a central opening coextensive with the opening in said washer, a disk of readily destructible material interposed between the cap and washer and clamped therebetween, and adapted to have its entire area equivalent to the size of the opening in the cap to be removed to provide an unobstructed passage for the contents of the bottle, and said openings in the cap and washer having diameters equal to the interior diameter of the neck of the bottle.

1,622,221. COMBINED CLOTHES AND DISH WASHING MACHINE. WILLIAM BROWN, Jere, and SAM MORANO, Morgantown, W. Va., assignors of one-sixth to John Maone, one-sixth to John Ferrise, one-sixth to Sam Sellaro, and one-sixth to Joseph Nuoto, Morgantown, W. Va. Filed Dec. 4, 1925. Serial No. 73,198. 1 Claim. (Cl. 68—15.)



In a machine of the type described, a casing, a vertical partition therein dividing the same into a tub and mechanism housing, a power shaft journaled in the housing, a shaft journaled in the lower end of the housing, driving connections between the shafts, a rod journaled in the casing and removable through an end wall thereof, said rod being supported at its ends in the end wall of the casing and partition wall, a detachable connection between one end of the rod and the lower shaft and a clothes washing device aplined on the rod.

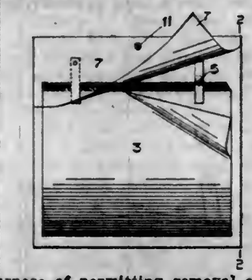
1,622,222. IMPELLER. FRANK W. CALDWELL, Dayton, Ohio. Filed July 1, 1925. Serial No. 40,806. 7 Claims. (Cl. 170—159.)



1. In an impeller adapted to be driven by the medium in which it operates, a blade having a section in which the angle of substantially zero lift is constant regardless of the speed.

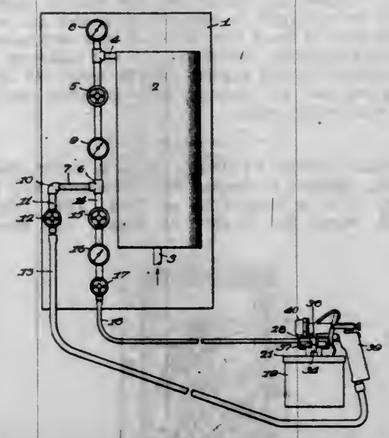
1,622,223. ADVERTISING MEDIUM. CHARLES HENRY HULLETT DESBARATS, Montreal, Quebec, Canada. Filed May 10, 1926. Serial No. 107,876. 1 Claim. (Cl. 40—119.)

An advertising medium of yearly calendar form consisting of leaves folded upon themselves in book form, a relatively stiff and heavier permanently flat mount substantially equal to the width and exceeds the height of the folded leaves, means binding the leaves together and binding them to the back at the lower end of and transversely to the latter; such binding means extending from the inside of the fold of the leaves to and through the mount; means carried by the upper end of the mount for readily releasably retaining the free edges of the leaves in upward position; such means consisting of flat springs and rivets fastening the same to the front of the mount; a relatively narrow flexible horizontal comparatively flat strip fastened at its upper end to the front upper end of the mount and adapted to cover and hide from view the top edges of the leaves and the leaf retaining flat springs



for the purpose of permitting removal of leaves without damage thereto and without disturbing the horizontal strip.

1,622,224. PAINTING APPARATUS. HENRY P. GALE, Chicago, Ill. Filed Nov. 2, 1925. Serial No. 66,137. 3 Claims. (Cl. 91—45.)

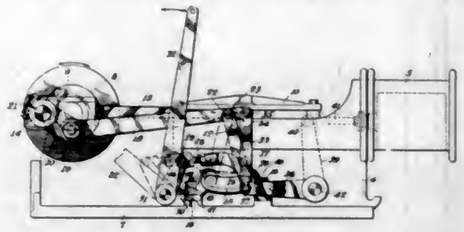


1. In a painting apparatus, the combination of a pressure supply, a paint container, an atomizing gun, a valveless fluid outlet pipe rigid with the gun, said gun and pipe being mounted in the cover of the container with the gun closely adjacent and directly upon the cover and the pipe extending down within the container close to the bottom thereof, a pressure conduit from the supply to the container, an independent pressure conduit from the supply to the gun, and independent means remote from the container and the gun for maintaining a greater degree of pressure in the gun than in the container.

1,622,225. ENGINE. HU M. HARRIS, Chattanooga, Tenn., assignor to Lucey Manufacturing Corporation of Tennessee, Chattanooga, Tenn., a Corporation of Tennessee. Filed Nov. 10, 1925. Serial No. 68,069. 2 Claims. (Cl. 121—169.)

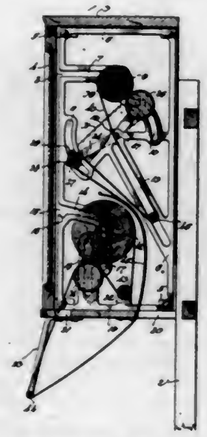
1. A stationary steam engine of the horizontal type comprising an engine bed, a cylinder mounted upon the bed at one end, a crank shaft journaled at the opposite end of the bed, cross head guides upon the bed between the cylinder at one end and the crank shaft at the opposite end, a valve actuating rock shaft journaled on the bed below the cylinder and beneath the cross head guides, a valve actuating rocker arm projecting upwardly from said rock shaft and an operating arm projecting laterally from said rock shaft away from the cylinder, a reversing

shaft journaled on the bed plate in front of the rock shaft, a slotted reverse link mounted on the bed and between the rock shaft and reversing shaft with the concave side of the slot therein faced upwardly, an auxiliary crank fixed on the main crank, an auxiliary connecting rod engaged at one end with said auxiliary crank, a radius link having its lower end shiftably pivoted in the slot of the reverse link and carrying at its upper end a fulcrum for the auxiliary connecting rod, a connecting



link suspended from the auxiliary connecting rod and having its upper end pivoted to the end of said connecting rod at a point beyond the fulcrum of said rod and its lower end pivotally engaged with the laterally extending arm of the rock shaft, an upwardly projecting arm on the reverse shaft, a reach link extending from said upwardly projecting arm over the reverse link and connected with the shiftable pivotal support for the lower end of the radius link and an operating lever extending upwardly from said reverse shaft.

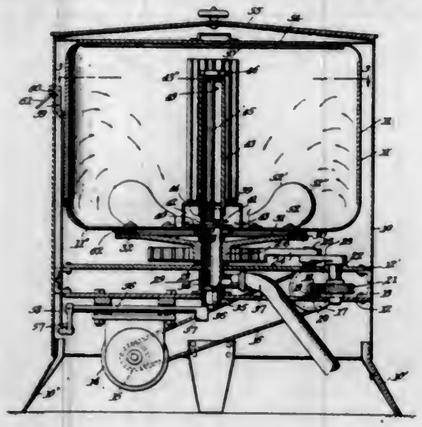
1,622,226. TOWEL CABINET. KARL M. LEUTE, Detroit, Mich., assignor to Steiner Sales Company, Salt Lake City, Utah, a Corporation of Utah. Filed July 14, 1923. Serial No. 651,451. 10 Claims. (Cl. 45—32.)



7. A towel cabinet having a roll of soiled toweling therein, a feed roll contacting with said toweling, the cabinet also having a supply of clean toweling, a feed roll contacting with said clean toweling, means to operate simultaneously the soiled and clean feed rolls, and means becoming operative after the user has released his hold on the towel to draw the soiled portion of the towel up into the cabinet.

1,622,227. WASHING MACHINE. CHARLES LICHTERMAN, Pittston, Pa. Filed Jan. 22, 1927. Serial No. 162,793. 14 Claims. (Cl. 259—75.)

14. A washing machine comprising a substantially vertically disposed cylindrical tub having a substantially uninterrupted inner periphery and oscillatable about a substantially vertical axis, power driven means to oscillate the tub about said axis, and liquid deflecting means to deflect the liquid in the tub outwardly and upwardly dur-

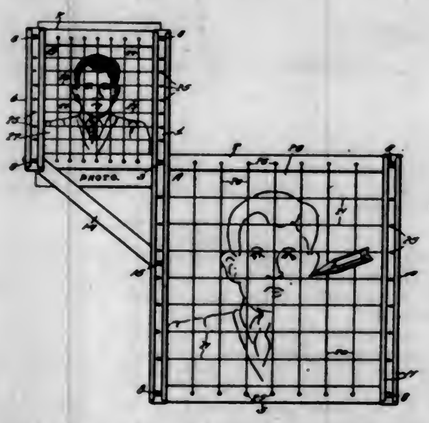


ing oscillation thereof, said deflecting means being rigid with and on the bottom of the tub, and being spaced from the inner periphery thereof.

1,622,228. PROCESS OF MAKING ORGANIC LEAD COMPOUNDS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed May 19, 1923. Serial No. 640,275. 23 Claims. (Cl. 260—11.)

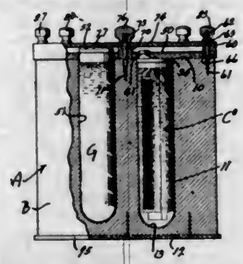
1. The process of producing a hydrocarbon compound of lead which comprises mixing the lead with a hydrocarbon compound of a halogen; and reducing with nascent hydrogen the reaction mass thus formed in the presence of a catalyst.

1,622,229. DRAWING APPARATUS. PERLEY L. ORMISTON, Portland, Oreg. Filed Dec. 23, 1925. Serial No. 77,178. 4 Claims. (Cl. 33—1.)



1. A drawing apparatus, consisting in a rectangular frame enclosing two areas of unequal dimensions, and a plurality of filaments secured to said frame extending over each said area in equal number in oppositely transverse directions providing rectangular corresponding spaces between the filaments of the two areas of equal number and of unequal dimensions.

1,622,230. STORAGE BATTERY. GEORGE W. POILLON, Tarrytown, N. Y. Filed Feb. 19, 1925. Serial No. 10,357. 8 Claims. (Cl. 136—6.)



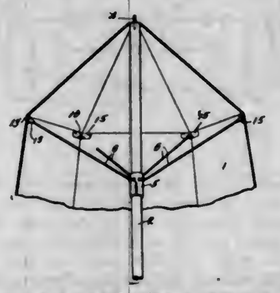
1. In a storage battery the combination of a casing providing a plurality of pockets therein, cells for said pockets each including positive and negative plates and including a dilatable projection having a vent duct therein which may be expanded upon insertion of a proper instrument, said cells when inserted in their pockets having said dilatable projections extending upwardly above the top surface of said casing, sealing material upon the top of said casing covering said cells below said dilatable projections and whereby the vent ducts are extended above said sealing material, means connecting the positive and negative plates of the cells so that the latter are in series, and terminal post means for the storage battery.

1,622,231. IMPLEMENT TONGUE. CHARLES H. RAND, Cheyenne, Wyo. Filed Oct. 3, 1923. Serial No. 666,850. 1 Claim. (Cl. 278—38.)



A telescopic vehicle tongue comprising a tongue proper, formed as a tube, a straight yoke receiving extension rod slidable in said tube, a head on one end of said rod having means for connecting it pivotally to the yoke, a flange on the other end of said rod fitting snugly and slidably in said tube, an annular stop member fixed in said tube and spaced from one end thereof and adapted to contact with said flange to prevent removal of said rod from said tube, and a second annular stop member fixed in the end of said tube and adapted to contact with said head to limit the movement of said rod inwardly in said tube.

1,622,232. TENT SUPPORT. BLOOMFIELD H. BROOKS, Denver, Colo. Filed Apr. 26, 1921. Serial No. 464,734. 2 Claims. (Cl. 135—2.)

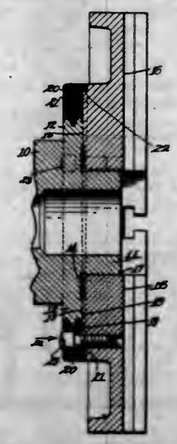


1. In a polygonal tent having a cover, a supporting member, and a plurality of tension arms pivotally related to the supporting member, a ferrule seated on the end of an arm and having a reduced end part, and an angular guard member adapted to conform with an angle of the tent cover and to be secured thereto, said guard having an orifice at its bend adapted to receive the reduced end part of the ferrule.

1,622,233. PROCESS OF PRODUCING ALKYL COMPOUND OF LEAD. GEORGE CALINGAERT, Cambridge, Mass., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Jan. 17, 1924, Serial No. 686,924. Renewed Nov. 7, 1925. 3 Claims. (Cl. 260—11.)

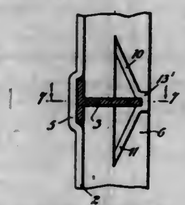
3. The process of producing tetra ethyl lead which comprises mixing lead, sodium and an ethyl halide; adding water at a rate less than that at which the hydrogen liberator is used, the amount of water added being at least 33% of the theoretical amount; and regenerating water which reacts with the sodium to liberate hydrogen.

1,622,234. SPINDLE ATTACHMENT. ALDEN M. DRAKE, Greenfield, Mass., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass., a Corporation of Massachusetts. Filed Apr. 24, 1925. Serial No. 25,720. 3 Claims. (Cl. 287—53.)



1. In a machine, a rotatable spindle having a relatively thin externally threaded end flange portion of substantially larger diameter than said spindle, an attachment for said spindle, an internally threaded ring of corresponding thinness and diameter detachably secured to said attachment and loosely fitting the threaded end portion of said spindle to permit slight relative adjustment of the parts, and additional means to accurately center said attachment on said spindle.

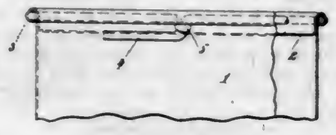
1,622,235. CROSS-JOINTED METAL BAR. STEPHEN J. GUARNERI, now, by judicial change of name, Stephen J. Gary, New York, N. Y., assignor of one-half to John E. Lewis, New York, N. Y. Filed Mar. 18, 1925. Serial No. 16,450. 9 Claims. (Cl. 287—51.)



8. In a cross joint for metal bars, a bar perforated between its edges to permit insertion therethrough of a cross bar, the material of said fire bar adjacent the

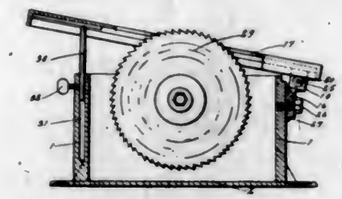
perforation being laterally displaced and formed to engage the second bar laterally of said first bar to effect bracing of said bars by material displaced out of normal position.

1,622,236. EASY OPEN CONTAINER. JAMES E. GUNTER, Baltimore, Md., assignor to The James E. Gunter Corporation, a Corporation of Maryland. Filed Mar. 31, 1925, Serial No. 19,637. Renewed Aug. 3, 1926. 20 Claims. (Cl. 220—43.)



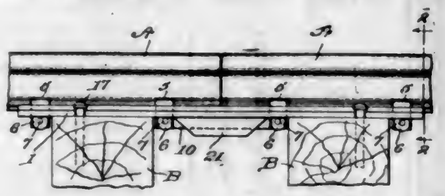
1. In combination, a container, a cap thereon, a rigid retaining ring with a projecting handle, said retaining ring being between and bearing upon said container and cap at points displaced cross-sectionally more than 180 degrees and firmly retaining the latter in place, said projecting handle having a thickness between the container and cap at the point where it projects from said container and cap less than that of the retaining ring between its opposite bearing surfaces between the container and cap, whereby said ring is unobstructedly held in between said container and cap.

1,622,237. POWER SAW. RALPH M. KENNEDY, Philadelphia, Pa. Filed Dec. 8, 1924. Serial No. 754,550. 6 Claims. (Cl. 143—132.)



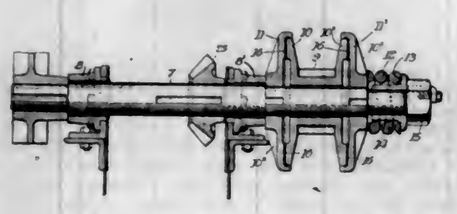
1. A power sawing machine, comprising a supporting frame, a work table, a quadrant member connecting the table with the frame and adapted to function as a hinge connection to permit inclining the table in the direction of its length, also to permit said table being inclined transversely, means to hold the table in its longitudinal elevation, means carried by the frame and cooperating with the quadrant for locking the table in the desired transverse position, and a saw spindle, rotatably supported on said frame.

1,622,238. RAIL JOINT. STEVE MYERS, Ruffsdale, Pa. Filed Nov. 22, 1926. Serial No. 150,073. 7 Claims. (Cl. 238—210.)



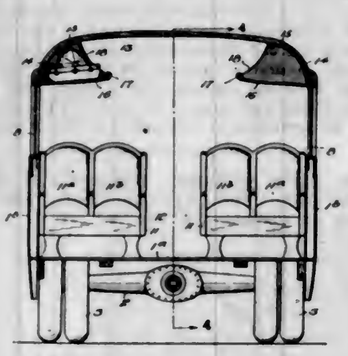
1. In combination with a pair of rails having depending perforated lugs adjacent their abutting ends, a seat forming plate for the rails having pairs of depending perforated lugs, each pair of lugs on the plate being in register with a lug on a rail, the plate being provided with openings through which the lugs on the rails extend and pins passing through the lugs for connecting the rail to the plate.

1,622,239. DIPPER-OPERATING MECHANISM FOR EXCAVATING MACHINES. PHILO A. ORTON, Chicago, Ill., assignor to Orton Crane & Shovel Company, Huntington, Ind., a Corporation of Indiana. Filed June 28, 1924. Serial No. 722,891. 1 Claim. (Cl. 214—135.)



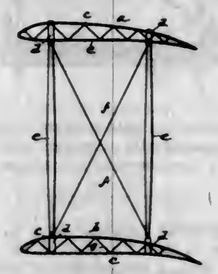
Operating mechanism for shovels of the type specified, comprising in combination, a shaft adapted to be rotated continuously in operation by driving connection with a prime mover, dipper supporting and actuating means, and transmission means connecting said driven shaft and dipper supporting and actuating means, comprising manually controlled friction clutches on said driven shaft, and a slip-friction transmission device applied intermediate said clutches and the dipper supporting and actuating means.

1,622,240. VEHICLE. EDWARD J. STAHL, Cleveland, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 5, 1925. Serial No. 73,433. 2 Claims. (Cl. 296—37.)



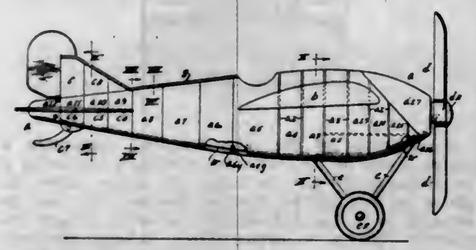
1. A closed vehicle for passengers and luggage comprising a body having a flooring, sides and a substantially flat roof forming a top for the body, seats on and covering a major portion of said flooring, said seats being correlated to form a central aisle on said flooring extending throughout a greater portion thereof, substantially continuous, horizontal walls, disposed in spaced relation to said top and each connected along its outer edge to the adjacent body side and extending inwardly therefrom to form a support and storing space for luggage, and a continuous, unobstructed bar carried on the inner longitudinal edge of each said supporting wall and forming a combined gripping and guiding rail and an abutment to prevent displacement of luggage on said support, said supporting walls extending inwardly over said seats and in relation to said aisle, whereby the bars carried thereby are designedly positioned for gripping by the passengers standing or moving through said aisle and permitting head room between the storing spaces.

1,622,241. AIRPLANE. CECIL HAMELIN TAYLOR and BOUDEWIJN B. NEUTEBOOM, Detroit, Mich. Filed Jan. 21, 1918, Serial No. 212,885. Renewed Feb. 1, 1922. Serial No. 533,396. 2 Claims. (Cl. 244—31.)



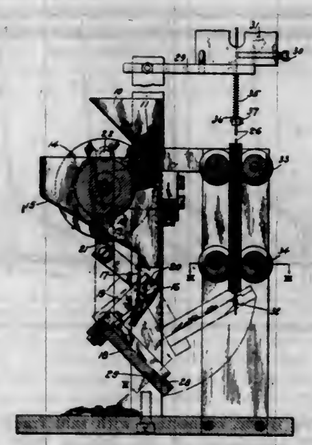
2. An airplane wing made of rigid sheet material fashioned into a comparatively flat hollow body, a filling piece extending through the wing transverse of the line of flight and composed of rigid sheet material corrugated so as to have straight line elements running lengthwise of the wing, and a bearing strip fitting against the inner surface of the wing and provided with a seat fitting one end of the corrugation in the filling piece.

1,622,242. AEROPLANE. CECIL HAMELIN TAYLOR and BOUDEWIJN B. NEUTEBOOM, Detroit, Mich. Filed Oct. 15, 1921. Serial No. 507,848. 13 Claims. (Cl. 244—30.)



2. An aircraft body composed of annular sections secured together axially in line with each other, said sections being turned at right angles at their edges to form securing flanges, one rod or more extending through said flanges and means whereby said rod is caused to bind said sections together.

1,622,243. HEEL-WASHER-STACKING MACHINE. GEORGE G. ANDREWS, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Aug. 7, 1924. Serial No. 730,583. 15 Claims. (Cl. 209—72.)



1. A washer stringing machine comprising an inclined plate having washer engaging pockets, a wire for impaling the washers, and means for causing relative movement between the plate and the wire for impaling the washers on said wire.

1,622,244. ELECTRIC AUTOCONDENSATION PAD. WILLIAM R. BECKLEY, Omaha, Nebr., assignor to Ethel Pope Beckley, Omaha, Nebr. Filed Dec. 24, 1925. Serial No. 77,426. 2 Claims. (Cl. 174—89.)

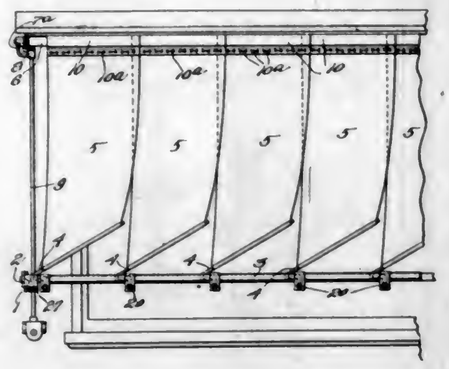


1. In a pad of the class described, a flexible container, a flexible spacing-member disposed within with its sides and ends engaging the container, an attenuated, metallic sheet disposed upon and having a lesser area in plan than the spacing-member, a plurality of paper sheets disposed on the metallic sheet with their edges engaging the container, a yielding filler-member on the paper sheets, keepers traversing the spacing-member and metallic sheet for maintaining said metallic sheet with its edges disposed inwardly of the sides and ends of the spacing-member, said attenuated sheet being elastic to normally cause the pad to assume a rectilinear position but permitting the pad to be rolled into bundle form.

1,622,245. AWNING. ELMER J. BLISS, Boston, Mass., assignor to Regal Shoe Company, Whitman, Mass., a Corporation of Massachusetts. Filed Apr. 27, 1925. Serial No. 26,038. 12 Claims. (Cl. 156—44.)

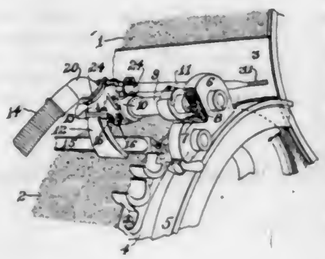
1. An awning embracing in its construction an upper winding roller mounted in stationary bearings, a lower

U-shaped frame adapted to swing up and down, a series of individual narrow awning strips connected at their upper and lower ends respectively with said roller and



said swinging frame, connection with said frame permitting angular adjustment of the awning strips to said frame.

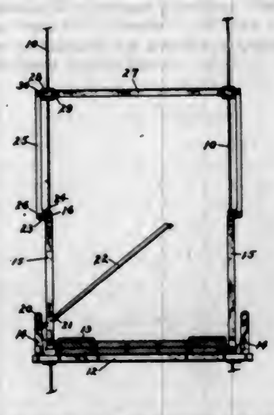
1,622,246. VACUUM STRIPPER FOR CARDING ENGINES. ERNEST CLARK, Abington, Mass., assignor to Abington Textile Machinery Works, Boston, Mass., a Trust of Massachusetts. Filed Jan. 30, 1925. Serial No. 5,748. 2 Claims. (Cl. 19—109.)



1. A vacuum-stripper attachment for carding engines, comprising, in combination, a traversing carriage having a positioning and guiding face, a suction-box having adjustment slots and a face adapted to fit against said positioning and guiding face, a suction-nozzle combined with said suction-box, and screws occupying said slots for holding said faces clamped together with capacity for adjustment of the suction-box to locate the mouth of the nozzle at the required working distance from the face of the card-clothing of the cylinder which is to be stripped.

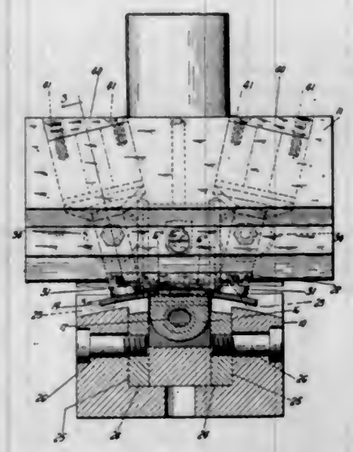
1,622,247. SCAFFOLD HOIST. WALTON C. FERRIS, Lincoln, Nebr., assignor to National Manufacturing Company Inc., Lincoln, Nebr., a Corporation of Nebraska. Filed Mar. 16, 1926. Serial No. 95,077. 6 Claims. (Cl. 304—18.)

1. A scaffold hoist including a platform and a support therefor, said support being adapted to be suspended from an outrigger on a building structure, a hook projecting upwardly from said platform, means consisting of a rigid lever adapted to engage said support and said hook



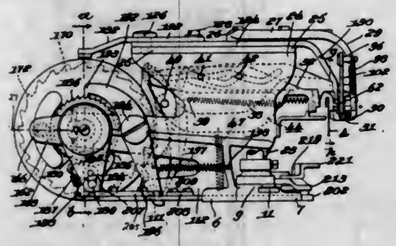
to raise said platform on said support, and means on said platform for automatically engaging said support when the platform has been elevated a predetermined distance.

1,622,248. RIVETING PRESS. MAX O. KUHN, Akron, Ohio, assignor to The Firestone Steel Products Company, Akron, Ohio, a Corporation of Ohio. Filed Apr. 24, 1925. Serial No. 25,488. 4 Claims. (Cl. 78—49.)



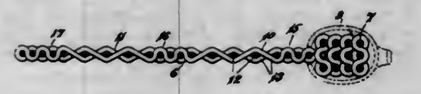
1. Apparatus of the class described, comprising a platen, means on the platen for receiving a lug having a rivet thereon so that the latter will project above the platen in such manner that an apertured rim may be mounted on the lug with the rivet extending through the aperture therein, a second platen movable relatively toward and from the first platen, elements on the second platen for engaging the rim and pressing it onto the lug, said elements being directed radially of the rim, yielding pads of resilient material backing said elements and mounted in said second platen so as to flow laterally under compression, and a plunger rigidly carried by the second platen adapted to engage and flatten said rivet, said elements and said plunger being adapted respectively to engage said rim and said rivet at points closely adjacent each other in the order named as the second platen moves toward the first platen.

1,622,249. FEED MECHANISM FOR KNITTING MACHINES. MAX C. MILLER, Cumberland Hill, R. I., assignor, by direct and mesne assignments, of two-thirds to Rudolph H. Wyner, Boston, Mass., and one-third to Herman T. Gammons, Natick, Mass. Filed Aug. 3, 1921. Serial No. 489,441. 35 Claims. (Cl. 66—139.)



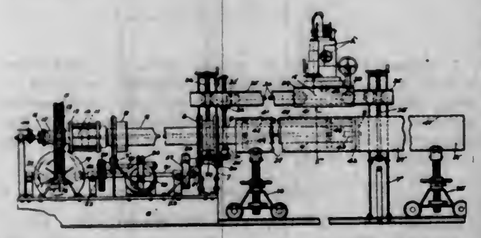
1. A circular knitting machine comprising a row of relatively fixed needles, means for continuously moving said row of needles in a predetermined path while maintaining their tops in a predetermined plane, and a yarn guide movable from idle position at one side of the needle row and below the plane of the tops of the needles to a yarn feeding position upon the other side of the needle row and also below said plane.

1,622,250. FABRIC. HAROLD J. MOORE, Middletown, Conn., assignor to The Russell Manufacturing Company, Middletown, Conn., a Corporation of Connecticut. Filed May 15, 1925. Serial No. 30,547. 3 Claims. (Cl. 24—205.)



3. A bordering strip comprising a fabric having a thickened edge, a plurality of loosely formed sections located back of said thickened edge and separated by stiffer supporting sections, a mechanical closing device slidable in a direction lengthwise of said edge and a guiding member at said edge and upon which said closing device rides.

1,622,251. ELECTRIC-ARC-WELDING MACHINE. VICTOR A. NELSON, Portland, Oreg. Filed Dec. 1, 1922. Serial No. 604,178. 16 Claims. (Cl. 219—8.)



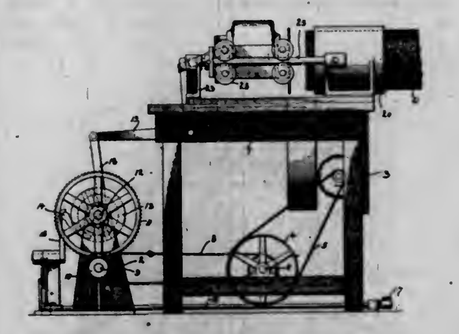
1. In a machine of the character described, a work holding revoluble mandrel, a segmental expansible head portion for said mandrel; fluid piston means for operating said expansible head, means of the character described for revolving said mandrel in either direction selectively by increments in combination with an adjustable carriage for a welding means whereby a cylindrical shaped piece of work may have a seam thereof presented progressively to said welding means.

1,622,252. DEVICE FOR TESTING INFLATABLE ARTICLES. MAX H. PADE, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Apr. 15, 1925. Serial No. 23,404. 10 Claims. (Cl. 73—51.)



1. Apparatus for testing inflatable articles comprising a tank for a liquid, conveyor mechanism for loosely supporting the articles and carrying them into and from the tank, and means over said conveyor mechanism in the tank for depressing the articles below the surface of the liquid.

1,622,253. MACHINE FOR CUTTING FAN BELTS OR THE LIKE. EDWARD D. PUTT and HORACE D. STEVENS, Akron, Ohio, assignors to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Apr. 2, 1923. Serial No. 629,347. 19 Claims. (Cl. 164—61.)

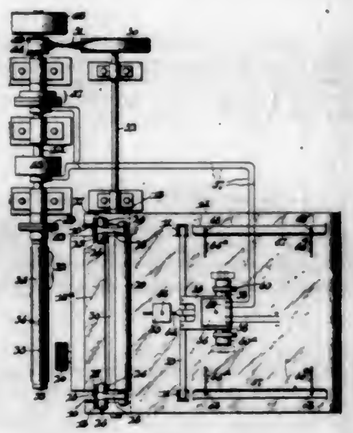


1. In a machine for cutting belts or the like, a holder for supporting an uncut cylinder so as to be fed thereon, a reciprocating carriage movable toward and from the holder, and a rotary knife supported on said carriage.

1,622,254. AUTOMATIC WINDING AND MEASURING MACHINE. GEORGE RITTER, Perth Amboy, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa., a Corporation of West Virginia. Filed Feb. 11, 1922. Serial No. 535,944. 12 Claims. (Cl. 33—136.)

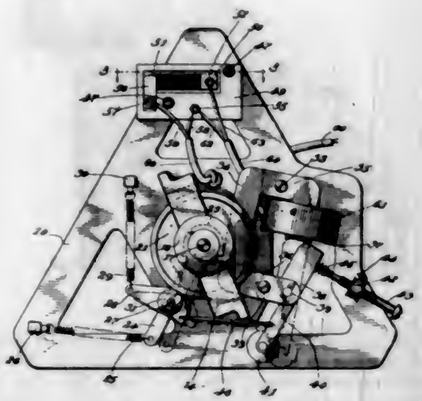
1. In an automatic winding and measuring machine for sheet material, the combination of an inclined table over which the material is progressed for measurement, a continuously operating driving means, a collapsible mandrel contiguous one edge of the inclined table, means for coupling the mandrel and driving means to wind the material to form a roll, means supported on the table

and controllable by the passage of the material thereover to uncouple the winding mandrel and driving means after a desired length of material has been rolled, and braking means between the mandrel and driving means adapted



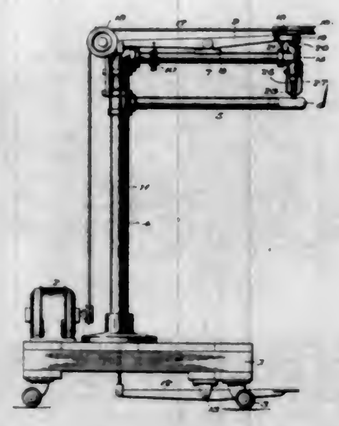
to absorb the energy of rotation of said mandrel in bringing the same to a quick stop substantially simultaneous with the act of uncoupling from the driving means.

1,622,255. MAGNETIC MOTOR. JOHN G. RUCKELSHAUS, Newark, N. J. Filed June 11, 1926. Serial No. 115,176. 4 Claims. (Cl. 172—126.)



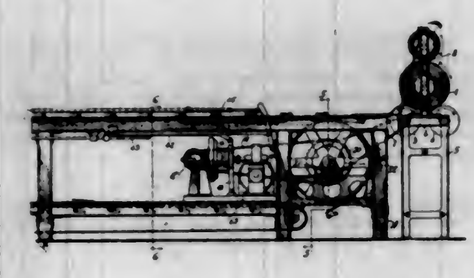
1. A magnetic motor comprising a base having a standard, a vertical spindle rotatable therein, a turntable carried by the spindle, a disc fixed to the spindle, an arm journalled on the spindle, a cam plate pivoted on said arm, an eccentric roll on said plate, resilient means to swing said arm in one direction, means to oscillate said cam plate to cause said roll to engage the periphery of said disc when said arm is moved by said resilient means, an electro-magnet, a pivoted armature drawn by said magnet in a direction opposite to that in which said resilient means acts, said armature being connected to said plate, and means for periodically interrupting current to said magnet.

1,622,256. VALVE-HOLE-PUNCHING MACHINE FOR INNER TUBES. HORACE D. STEVENS, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed June 12, 1922. Serial No. 567,563. 4 Claims. (Cl. 164—97.)



1. An apparatus for punching valve stem holes in inner tubes comprising an elongated arm adapted to receive an inner tube thereover, an imperforate anvil on the end of said arm, a rotary punch above the anvil, and means to depress the punch.

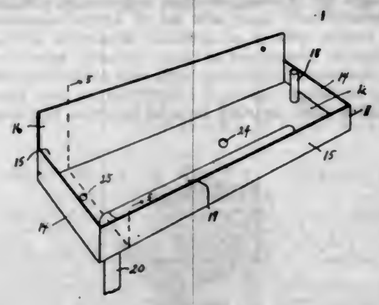
1,622,257. TUBE STOCK CUTTING APPARATUS. HORACE D. STEVENS, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Oct. 25, 1923. Serial No. 670,650. 18 Claims. (Cl. 164—78.)



1. Apparatus for use in cutting strips to length from a reel of material comprising, a traveling conveyor, a stock rack located adjacent the conveyor, and means arranged to press the leading end of the stock against the surface of the conveyor to facilitate withdrawal of the stock from the rack by said conveyor.

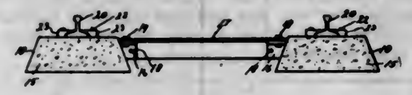
1,622,258. OIL PAN FOR SEWING MACHINES. ISAAC FELDMAN, Philadelphia, Pa. Filed May 23, 1925. Serial No. 32,294. 4 Claims. (Cl. 184—106.)

1. In an oil pan for sewing machines, the combination with a supporting member and a machine, of a pan resting on the supporting member and in which the machine is set, an outlet pipe connected with said pan and passing through the supporting member, a stand pipe



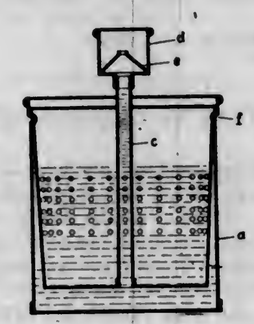
within the pan through which a portion of the machine passes, and means to fasten the machine to the tray and thereby clamp the pan in position.

1,622,259. CONCRETE RAILROAD TIE. HARVEY J. LIPMAN, Creamery, Pa. Filed June 10, 1926. Serial No. 114,926. 3 Claims. (Cl. 238—115.)



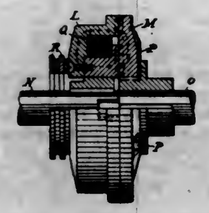
1. A railway tie comprising two composite support blocks and a reach rod for spacing said blocks apart and securing them together, each of said composite blocks consisting of a supporting beam, a series of supporting rods, the ends of which latter are secured to the head of said beam, said rods extending beneath the base of said beam, cables surrounding the supporting rods, reenforcing rods upon which the lower portion of the supporting rods are seated, all of said parts being embedded in a suitable plastic material; and a clip secured to the web of the supporting beam and projecting beyond the plastic material for attachment to the reach rod.

1,622,260. LINEN BOILER. ROBERT MERTENS, Olpe, Germany, assignor to Industriebedarf G. m. b. H., Weidenau-Sieg, Germany, a Company. Filed Aug. 20, 1925, Serial No. 51,472, and in Germany Aug. 23, 1924. 1 Claim. (Cl. 68—30.)



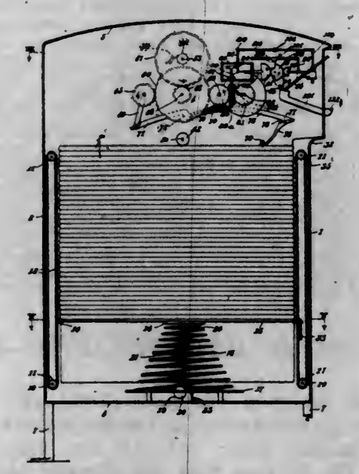
A linen boiler comprising in combination an outer boiler vessel, an inner vessel removably inserted in said outer vessel and having a perforated wall and bottom plate, an ascending tube open at both ends fixed on the centre of the bottom plate of the inner vessel having a perforated middle portion and projecting over the lid of the boiler, a condenser vessel on the top end of said ascending tube, and an overflow in the shape of an inverted funnel on the bottom plate of said condenser to collect the dirt from the water of condensation.

1,622,261. ELECTROMAGNETIC CLUTCH. CLARENCE Q. PAYNE, New York, N. Y. Filed Dec. 12, 1925. Serial No. 74,940. 13 Claims. (Cl. 192—84.)



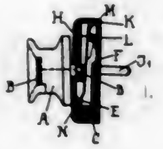
1. An electromagnetic engaging device comprising an armature and an electromagnet whose polar surfaces are greater in area than the combined cross-sectional core areas of said electromagnet, both of said engaging members having contact surfaces provided with grooves disposed with relation to each other to resist sliding along the plane of contact by the "Isthmus method" of the arrangement of the lines of force thereon, and means for bringing said grooved surfaces into and out of direct contact engagement with each other.

1,622,262. NEWSPAPER-DISPENSING MACHINE. METRO J. KINDRAT and HAWRYIL ZATZERKOWNY, Detroit, Mich. Filed Mar. 7, 1925. Serial No. 13,735. 22 Claims. (Cl. 211—8.)



1. In a newspaper dispensing machine, a casing having a delivery opening therein, a vertically moving paper supporting platform in the casing, means for elevating the platform including endless sprocket chains, spring rollers for the upper ends of the chains, connections between the rollers including a gear train and brake drum, and a brake shoe for the drum operated by the stack of papers to hold the spring rollers against movement.

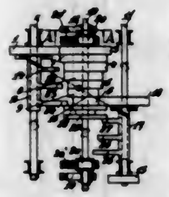
1,622,263. ELECTRIC CIGAR LIGHTER. ALFRED SCHOELLER, Frankfort-on-the-Main, Germany. Filed May 6, 1926, Serial No. 107,083, and in Germany July 6, 1925. 1 Claim. (Cl. 219—32.)



Electric cigar lighter comprising in combination, a contact casing, a blade spring in said contact casing, a holder yieldably mounted in said casing opposite said contact spring, a carrier in said holder, a heating wire in said carrier, a contact coating in said casing, and a contact spring connected with said blade spring for said holder and having a contact pin opposite said contact coating so that said holder has to be tipped, turned or placed on edge for closing the circuit for the heating wire.

1,622,264. CHANGE-SPUR GEARING. MAX STRBIT, Breslau, Germany. Filed Sept. 27, 1926, Serial No. 138,024, and in Germany Mar. 15, 1926. 2 Claims. (Cl. 74—58.)

1. A change spur gearing especially for motor driven vehicles, comprising in combination a stationary driving shaft, a driving wheel shiftable on said shaft in axial direction, an intermediate shaft shiftable in lateral directions, a set of wheels forming one element mounted on said intermediate shaft said set of wheels consisting of three coaxial wheels of different diameters serving as transmission wheels and of three eccentric wheels of different diameters alternating with said coaxial wheels and serving as change wheels, a driven shaft, a spur wheel on said driven shaft shiftable in axial direction and designed



to come into gear with any of said coaxial wheels, a two-armed lever for shifting said driving wheel and said driven wheel in opposite directions on their respective shafts to change from the first to the second, third or fourth speed and inversely, transverse guides for the bearings of said intermediate shaft, a pinion on each end of said intermediate shaft, transverse racks one for each pinion meshing with said rack, and means for controlling the lateral displacement of said intermediate shaft at the speed changing.

Patents Nos. 1,622,265 to 1,623,084.

THE
OFFICIAL GAZETTE
OF THE
United States Patent Office.

Vol. 356—No. 5. TUESDAY, MARCH 29, 1927. Price—$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $10.00 per annum; single numbers, 25 cents each.
PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.
CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

CONTENTS.

	Page.
ISSUE OF MARCH 29, 1927	983
TRANSFER OF EXAMINER	983
CHANGES IN CLASSIFICATION	983
NOTICE—CHANGES IN PATENT OFFICE FEES	983
APPLICATIONS UNDER EXAMINATION	984
COMMISSIONER'S DECISION—	
Standard Plate Glass Company v. Central Laboratories Company	985
DECISIONS OF THE U. S. COURTS—	
In re Vissering	986
PATENT SUITS	986
ADJUDICATED PATENTS	988
ADVERSE DECISIONS IN INTERFERENCE	988
TRADE-MARKS CANCELED	988
DISCLAIMER	988
NOTICE OF CANCELLATION	988
TRADE-MARKS PUBLISHED (265 APPLICATIONS)	989
TRADE-MARK REGISTRATIONS GRANTED	1025
TRADE-MARK REGISTRATIONS RENEWED	1039
LABELS	1041
PRINTS	1042
REISSUES	1043
DESIGNS	1044
PATENTS GRANTED	1051

Issue of March 29, 1927.

Trade-Marks	338—No.	225,821 to No.	226,158, inclusive.
T. M. Renewals	91		
Labels	28—No.	31,831 to No.	31,858, inclusive.
Prints	19—No.	9,674 to No.	9,692, inclusive.
Reissues	5—No.	16,577 to No.	16,581, inclusive.
Designs	34—No.	72,304 to No.	72,337, inclusive.
Patents	770—No.	1,622,265 to No.	1,623,034, inclusive.
Total	1,285		

Transfer of Examiner.

(ORDER No. 2,999.)

U. S. PATENT OFFICE, *Washington, Mar. 10, 1927.*

Associate Examiner Vernon I. Richard is hereby transferred to Division 55, to be Acting Examiner in charge thereof, effective March 15, 1927.

THOMAS E. ROBERTSON,
Commissioner.

Changes in Classification.

Order No. 3,000, March 11, 1927, directs:

In *class 33, Geometrical Instruments* (Division 36), establish the following subclass and definition, the patents contained in this subclass having been taken for the most part from class 33, subclass 46, Light-ray type:

Light-ray type
46.5 Aircraft type.

46.5. LIGHT-RAY TYPE, AIRCRAFT TYPE. Sighting and direction-finding methods and devices (frequently for bomb dropping) combined with means for positioning the sight line in accordance with altitude, ground speed, etc., or wherein indicating means is controlled by angular movement of the sighting means as it is kept trained on the target; also ground-speed indicators wherein angular movement of a sight, trained on a target, is employed in connection with an altitude setting to give average ground speed.

Search this class, subclass 20.
Search Classes—
33—Optics.
235—Registers, subclass 61.5, Calculators, Ordnance control data.

In *class 184, Lubrication* (Division 45), establish the following subclass and definition, the patents contained in this subclass having been taken from classes 74, Machine Elements; 103, Pumps; 141, Washing Apparatus; 184, Lubrication; and 221, Dispensing:

1.5. Automobile crank and gear case service.

1.5. AUTOMOBILE CRANK AND GEAR CASE SERVICE. Devices having means for emptying, cleaning by flushing, and replenishing the oil in the crank case, transmission case, or differential casing of an automobile.

Note.—This subclass will take devices adapted to perform any one of the above functions alone, unless the device (if for emptying or replenishing) is one which could be used for dispensing or emptying for any purpose. In these instances classification might be in either class 221, DISPENSING, or class 103, PUMPS, respectively. Devices showing cleaning alone will be found in this class (184) if alleged to be for an automobile crank case, etc. Possible analogous art, involving cleaning, where the thing cleaned is other than a crank case, etc., will be found in class 141, WASHING APPARATUS.

NOTICE—CHANGES IN PATENT OFFICE FEES—EFFECTIVE APRIL 14, 1927.

The act of Congress approved February 14, 1927, amends section 4934, Revised Statutes, so as to provide (except in design cases) a fee on filing each original application for a patent of $20 and of $1 for each claim in excess of twenty, and on issuing each original patent, of $20 and of $1 for each claim in excess of twenty.

The new rates are effective in connection with all applications filed on or after April 14, 1927, and all final fees paid on or after that date.

In every case which contains more than twenty claims, the payment after April 13, 1927, of a final fee of $20, or less than $20 plus $1 for each claim in excess of twenty, will not save the case from forfeiture.

Condition of Applications Under Examination at Close of Business March 18, 1927.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 56,120; Trade-Mark Division, 1,864. Oldest new case, Aug. 5, 1926; oldest amended, Aug. 2, 1926. The dates given are 1926 except where † indicates 1927.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders	†Jan. 4	†Jan. 12	492
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Nov. 22	Nov. 18	656
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Oct. 25	Nov. 2	1,479
234	4 MERRITT, A D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Oct. 4	Oct. 23	1,417
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters	Oct. 6	Oct. 6	883
318	6. LEWERS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation	Aug. 11	Sept. 9	1,633
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Oct. 11	Oct. 9	1,174
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Nov. 8	Nov. 15	1,639
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	†Jan. 4	†Jan. 3	688
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops	Nov. 2	Nov. 8	1,156
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.	Dec. 13	Dec. 1	842
380	12. PIERCE, P. P., Machine Elements	Nov. 1	Nov. 11	1,019
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling	Oct. 15	Nov. 15	1,119
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 24	Oct. 16	1,047
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Nov. 18	Nov. 19	1,266
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Nov. 11	Dec. 15	689
307	17. RAFTER, G S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 5	Oct. 18	717
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 2	Sept. 7	988
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Dec. 2	Dec. 8	732
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Nov. 8	Nov. 12	948
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Oct. 20	Oct. 23	907
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 29	Sept. 20	823
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 25	Nov. 24	671
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 7	Sept. 8	967
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal-Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.	Sept. 13	Oct. 6	1,134
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 16	Oct. 18	871
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 13	Dec. 4	819
225	28 BENSON, A. R., Internal-Combustion Engine	Nov. 12	Dec. 1	1,105
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Oct. 14	Oct. 15	1,121
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Nov. 6	Dec. 16	888
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Oct. 16	Oct. 28	1,488
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation	Oct. 23	Nov. 8	818
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Dec. 3	Dec. 15	1,169
304	34 SIMPSON, O. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.	Oct. 9	Oct. 12	822
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Dec. 18	†Jan. 3	681
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	†Jan. 3	†Jan. 3	784
224*	37 WEAVER, M. E., Electricity, Circuit Makers and Breakers	Oct. 15	Oct. 26	1,385
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Sept. 7	Sept. 2	1,049
220	39. COWLES, A W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	†Jan. 11	Dec. 3	419
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles	Nov. 15	Nov. 17	1,534
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Dec. 20	Dec. 14	676
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Oct. 7	Oct. 1	1,490
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 26	Dec 6	816
253	44. SHAFFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Oct. 11	Sept. 27	1,086
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Dec. 2	Dec. 2	847
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Nov. 4	Oct. 30	941
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 18	Nov. 19	1,270
213*	48. ROEPKE, O. B., Electricity, General Applications	Oct. 7	Oct. 6	1,013
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.	Oct. 7	Oct. 16	979
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Dec. 1	Dec. 6	1,188
240*	51. BACKUS, O. D., Radiant Energy, Wave Transmission	Sept. 20	Sept. 27	1,260
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Nov. 8	Nov. 11	1,128
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Nov. 15	Nov. 16	900
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes	Aug. 5	Aug. 2	1,733
102	55. RICHARD, V. I. (Acting)—Bread, Pastry, and Confection Making; Cutlery	Oct 18	Oct. 18	439
	Designs	†Feb. 11	†Mar. 4	455
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND—Trade-Marks	†Feb. 11	†Mar. 2	1,736
	Labels and Prints	†Mar. 5	†Mar. 3	139

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

STANDARD PLATE GLASS COMPANY *v.* CENTRAL LABORATORIES COMPANY.

Decided August 4, 1926.

1. TRADE-MARKS—OPPOSITION—PORTIONS OF BOTH MARKS SUBSTANTIALLY IDENTICAL—CONDITIONS WHICH WARRANT DISMISSAL.

Where an applicant has adopted as a portion of its mark what is substantially a portion of opposer's mark, *Held* that if the marks are properly held so far dissimilar as to warrant dismissal of the opposition then it must be because the other portions of the two marks are dissimilar in appearance, sound, spelling, and significance or because the opposer should not be allowed a reasonably broad protection as to such other part of its mark on the ground that such portion has been so generally used by others as to become common property or is descriptive of the goods.

2. SAME—DECEPTIVE SIMILARITY—"AUTO EZE"—"So-E-Zy."

The marks "Auto EZE" and "So-E-Zy," if applied to the same class of goods, would produce confusion in trade.

APPEAL from Examiner of Interferences.

Opposition No. 6,759 to registration of trade-mark of Central Laboratories Company, for Paints, application filed August 10, 1925, Serial No. 218,612, published September 22, 1925.

Messrs. Beale & Park for Standard Plate Glass Company.

Mr. H. E. Dunlap for Central Laboratories Company.

KINNAN, *First Assistant Commissioner:*

This case comes on for review, on appeal of the Central Laboratories Company, applicant, of the decision of the Examiner of Trade-Mark Interferences sustaining the opposition filed by the Standard Plate Glass Company and adjudging the applicant company not entitled to the registration for which it has applied.

Central Laboratories Company has applied for registration of the notation "Auto EZE," used on engine-enameling paints, metal-enameling paints, automobile body paints, and tire paints. The second portion "EZE" appears below the first portion "Auto" on a wide paraph underlying such first portion and leading from the final down stroke of the letter "A." The opposer company is the owner of the registered mark "So-E-Zy," used in connection with various enamels, colors, and paints, including auto and furniture enamel.

By stipulation it is agreed that the applicant company first adopted and used its mark about the 8th day of June, 1925, and that opposer or its predecessor in business has had continuous use in trade of its mark from a date long prior to that alleged by the applicant.

The goods clearly belonging to the same class, the only question here to be reviewed is the similarity of the marks and the resulting probable confusion or mistake in the mind of the public or deception of purchasers.

There is here disclosed an instance of an applicant seeking registration of a mark adopted long after a rival in business had adopted and used its mark and made the same known among its customers and probable patrons. In consequence the applicant, who had the entire field from which to choose its mark open to it, should be denied registration if there is any reasonable probability of confusion in trade. If doubts exist, they should be resolved against the newcomer in accordance with the established rule.

[1, 2] There has been some difference of view expressed as to how the applicant's notation is pronounced; but for the purposes of this proceeding it must be held many purchasers would pronounce the second portion of the notation as if it were two syllables—as if it were spelled "easy". It would seem, therefore, the applicant has adopted as a portion of the opposer's mark. If the marks are properly held so far dissimilar as to warrant dismissal of this opposition, then it must be because the other portions of the two marks are dissimilar in appearance, sound, spelling, and significance or because the opposer should not be allowed a reasonably broad protection as to the second portion of its mark on the ground that such second portion has been so generally used by others as to become common property or is descriptive of the goods. The record does not disclose that this somewhat fanciful spelling of a descriptive word has been used to such an extent in connection, at any rate, with goods of the character here under consideration as to bar the opposer from obtaining protection for this portion of its mark. It is doubted if such second portion is merely descriptive. It is rather suggestive that the enamel may be applied in an easy manner and a satisfactory result obtained. Regarding the word "Auto" in the applicant's mark, it is purely descriptive of the article on which the paint is to be used. In connection with the first portion of the notation it clearly designates the enamel as "Auto" enamel. If this first portion "Auto" were fanciful and arbitrary, it is possible such portion would give a distinctive and different significance to the applicant's entire notation, and therefore justify the dismissal of this opposition. Being, however, merely a descriptive term and the opposer using its enamel for the same purpose, enameling autos or auto parts, it would seem substantially the distinctive feature of the two marks resides in the second portions, and these portions being substantially identical in sound, significance, appearance, and even in spelling the applicant company must be held to have approached too closely the opposer's mark. The average purchaser, it is believed, would retain in mind the suggestive portion, "E-Zy" or "EZE" of each mark, and if such purchaser did this confusion would be inevitable.

It is true the appearances of the marks are different; but the purchaser seldom has the opportunity of comparison, merely retaining in his mind some feature of the mark by which goods satisfactory to him were formerly purchased.

The decision of the Examiner of Trade-Mark Interferences sustaining the opposition and adjudging the applicant not entitled to the registration sought is affirmed.

Court of Appeals of the District of Columbia.

IN RE VISSERING.

No. 1,869. Decided December 6, 1926.

INVENTION—MECHANICAL SKILL—SLIGHT IMPROVEMENT.

While appellant's device for uncoupling cars may disclose a slight improvement over the prior art, the improvement is so slight as to amount merely to an obviously mechanical change and not to an invention.

APPEAL from Patent Office. Affirmed.

Mr. Paul Carpenter and *Mr. J. T. Bassecheс* for Vissering.

Mr. T. A. Hostetler for the Commissioner of Patents.

Before MARTIN, Chief Justice, VAN ORSDEL, Justice, and HATFIELD, Judge U. S. Court of Customs Appeals.

VAN ORSDEL, *J.*:

This appeal is from the decision of the Commissioner of Patents, rejecting the claims of appellant's application for a patent for a device for uncoupling cars.

The alleged invention consists of a rotatable horizontal shaft with one end bent for use as a handle and the other end connected to a pair of coupling links. One of the links is connected to the shaft and the other to the coupling pin or coupler lock as it is called. The combination is old in the art, and if appellant has disclosed any novelty it lies in the connection between the operating shaft and the coupler lock. It is contended by appellant that the relative movement of the links, between the lock and the end of the operating lever, is so arranged as to permit the longitudinal movement of the coupling links, with respect to each other, in such a manner as to prevent any relative rotation which would cause the operation of the links to be in any respect obstructed.

The principal patent cited in anticipation of appellant's device is one to Anderson, No. 1,189,773. The movement of the links in the Anderson device is controlled by a round shaft, while the movement in appellant's device is controlled by a square shaft. It is appellant's claim that his device overcomes defects in the Anderson device, due to rotary movement on the round shaft which could not occur on appellant's square shaft. But the square shaft of appellant is not new, since it is anticipated in other references disclosed in the record, consequently we think that the substitution of the square shaft for the round shaft in the Anderson device is a mere mechanical change which does not amount to invention.

Appellant contends that the adjustment of the links is such that, when the device is operated, they knock together and jar the pin or lock loose, facilitating the operation, especially if the pin is frozen or rusted in position. But the same result is obtained, perhaps to a less degree, by the Anderson device.

While appellant's device may disclose a slight improvement over the prior art, we agree with the tribunals below that the improvement is so slight as to amount merely to an obvious mechanical change and not to an invention. Inasmuch as the prior art is reviewed elaborately and carefully in the opinions of the tribunals below, we deem it unnecessary to make such a review or comparison here.

The decision of the Commissioner of Patents is affirmed.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

886,618, J. H. Lubbers, Method of and apparatus for drawing glass articles; 914,588, same, Glass-drawing apparatus; 1,020,920, same, Method of drawing glass articles; 890,306, L. R. Schmertz, Takedown apparatus for glass cylinders; 890,317, F. L. Wadsworth, same; 922,973, L. A. Thornburg, Glass-drawing machine; 988,454, R. L. Frink, Glass pot and kiln; 1,073,613, O. E. Maynard, Glass-drawing and takedown apparatus; 1,102,803, Roadman & Dravo, Takedown sling for handling glass cylinders, appeal filed May 8, 1926, C. C. A. (3d Cir.), Doc. 3495, *Window Glass Machine Co. et al.* v. *Pittsburgh Sheet Glass Co.*

887,997, E. B. Cadwell, Vehicle tire, appeal filed Feb. 1, 1927, C. C. A. (2d Cir.), Doc. 9522, *E. B. Cadwell et al.* v. *Firestone Tire & Rubber Co.*

890,306. (See 886,618.)

890,317. (See 886,618.)

900,055, I. F. Burnham, Squeeze rolls for wool-washing machinery, appeal filed Dec. 14, 1925, C. C. A. (3d Cir.), Doc. 3437, *R. J. Wilkie* v. *Manhattan Rubber Mfg. Co.* Decree of lower court affirmed (notice dated Feb. 10, 1927).

914,588. (See 886,618.)

922,973. (See 886,618.)

935,205, H. K. Hitchcock, Railway frog, appeal filed Feb. 10, 1926, C. C. A. (3d Cir.), Doc. 3458, *H. K. Hitchcock* v. *Valley Camp Coal Co. et al.* Decree of lower court reversed (notice dated Feb. 10, 1927).

945,467, A. B. Landis, Grinding machine, suit filed Mar. 3, 1920, D. C. Mass., Doc. E 995, *The Landis Tool Co.* v. *Van Norman Machine Tool Co.* Bill dismissed pursuant to equity rule 57 Sept. 28, 1925.

957,170. (See 959,563.)

959,563, 957,170, Levy & Helbronner, Method for the separation of gases, appeal filed Oct. 6, 1926, C. C. A. (3d Cir.), Doc. 3559, *Air Reduction Co., Inc.*, v. *Carbo-Oxygen Co.*

961,165, J. F. Rowley, Artificial-limb suspender and back check, appeal filed Nov. 4, 1926, C. C. A. (3d Cir.), Doc. 3569, *The J. F. Rowley Co.* v. *A. S. Rowley & Co.*

988,454. (See 886,618.)

1,000,298, L. Sarason, Preparation for slowly liberating oxygen and process of manufacturing the same, appeal filed June 2, 1926, C. C. A. (3d Cir.), Doc. 3503, *R. H. Comey Co.* v. *Monte Christie Corp. et al.*

1,018,502 (*a*), Just & Hanaman, Incandescent body for electric lamps; 1,180,159, I. Langmuir, Incandescent electric lamp, suit filed Mar. 20, 1926, D. C., N. D. Ohio (E. Div.), Doc. 1797, *General Electric Co.* v. *Automobile Bulb Corp. et al.* Patents held valid, injunction granted, Feb. 10, 1927.

1,018,502 (*b*), Just & Hanaman, Incandescent body for electric lamps; 1,180,159, I. Langmuir, Incandescent electric lamp; 1,082,933, W. D. Coolidge, Tungsten and method of making same for use as filaments of incandescent electric lamps; 1,423,956, Mitchell & White, Tipless incandescent lamp; 1,423,957, same, Stem-making machine, appeal filed July 6, 1926, C. C. A. (3d Cir.), Doc. 3514, *Desmond Incandescent Lamp Co. et al.* v. *General Electric Co.*

1,020,920. (See 886,618.)

1,021,678, R. Hutchinson, Knitting machine, suit filed Nov. 19, 1926, D. C. Mass., Doc. E 2749, *E. F. Hutchinson et al* v. *O. H. Walton.*

1,022,140, C. Hubert, Portable lighter, suit filed June 25, 1918, D. C. Mass., Doc. E 864, *National Carbon Co., Inc., et al.* v. *The Safety Gas Lighter Co.* Case dismissed without prejudice (notice dated Feb. 11, 1927).

1,027,570, J. R. Sheldon, Comforter-filling machine; 1,370,411, Contrado, Swanson & Schwartz, Mattress-filling machine, suit filed Feb. 11, 1927, D. C. Mass., Doc. E 2781, *Triangle Kapok Machine Corp.* v. *M. Seeche.*

1,028,089, F. B. Herzog, Electric signaling apparatus and circuits, appeal filed Jan. 19, 1925, C. C. A. (3d Cir.), Doc. 3298, *Elevator Supplies Co., Inc.*, v. *F. A. Boeditcher.* Decree affirmed (notice dated Feb. 9, 1927).

1,042,457, H. G. Martin, Electric telegraphic apparatus, appeal filed Aug. 5, 1926, C. C. A. (2d Cir.), *The Vibroplex Co., Inc.*, v. *J. H. Bunnell & Co.* Decree affirmed (notice dated Feb. 14, 1927).

1,073,613. (See 886,618.)

1,082,933. (See 1,018,502 (*b*).)

1,102,803. (See 886,618.)

1,113,149. (See 1,507,017.)

1,127,733, V. Clairemont, Preserving eggs; 1,224,710, 1,369,323, same, Apparatus for treating eggs; 1,370,628, same, Process of and apparatus for preserving eggs; 1,599,553, same, Grading and candling machine, suits filed Jan. 20, 1927, D. C., S. D. Calif. (Los Angeles), Doc., L-45-H, *Clairemont Sterilized Egg Co.* v. *R. M. Coney.* Doc. L-47-H, *Clairemont Sterilized Egg Co.* v. *Rivers Bros. Co., Inc.*

1,155,987, J. R. Beckett, Universal angle plate; 1,292,235, same, Work support, suit filed Dec. 9, 1919, D. C. Mass., Doc. E 960, *Boston Scale & Machine Co.* v. *Reid Bros. Co.* Bill dismissed on stipulation June 21, 1926.

1,173,079, E. F. Alexanderson, Selective tuning system, appeal filed Oct. 19, 1926, C. C. A. (3d Cir.), Doc. 3561, *Splitdorf Electrical Co.* v. *Radio Corp. of America et al.*

1,177,128, M. E. Moeller, Hydrometer; 1,331,165, same, Hydrometer syringe, appeal filed Sept. 27, 1926, C. C. A. (3d Cir.), Doc. 3555, *A. E. Moeller* v. *Scranton Glass Instrument Co., Inc.*

1,180,159. (See 1,018,502 (*a*) and (*b*).)

1,224,710. (See 1,127,733.)

1,237,815, Riches & Piver, Process of making calcium arsenate, appeal filed Nov. 4, 1926, C. C. A. (3d Cir.), Doc. 3566, *Riches, Piver & Co.* v. *Nitrate Agencies Co.*

1,262,860, 1,263,138, S. B. Smith, Incubator, appeal filed June 19, 1926, C. C. A. (3d Cir.), Doc. 3510, *E. E. Cooley* v. *The Buckeye Incubator Co. et al.* Order affirming but modifying decree of district court (notice dated Feb. 10, 1927).

1,263,138. (See 1,262,860.)

1,292,235. (See 1,155,987.)

1,307,733. (See 1,307,734.)

1,307,734, A. V. Guilborg, Lubricating means; 1,307,733, same, Lubricating apparatus; Re. 14,667; F. D. Winkley, Lubricating system, suit filed Feb. 12, 1925, D. C., S. D. Calif. (Los Angeles), Doc. E I-80-J, *The Bassick Mfg. Co.* v. *P. W. Cavin Co.* Decree on stipulation, injunction granted, Dec. 27, 1926.

1,331,165. (See 1,177,128.)

1,337,397, P. A. Fischer, Adjustable cap, appeal filed Feb. 10, 1927, C. C. A. (2d Cir.), Doc. 9546, *P. A. Fischer et al.* v. *H. Ostrofsky et al.*

1,369,323. (See 1,127,733.)

1,370,411. (See 1,027,570.)

1,370,628. (See 1,127,733.)

1,411,231, M. L. Weiss, Vulcanization accelerator, appeal filed Mar. 18, 1926, C. C. A. (3d Cir.), Doc. 3470, *Dovan Chemical Co.* v. *Corona Cord Tire Co.*

1,416,345, A. J. Gosselin, Vacuum-filling machine; 1,418,203, T. E. Pennock, Bottle-filling machine, appeal filed July 2, 1926, C. C. A. (2d Cir.), Doc. 9283, *Standard Automatic Machine Co.* v. *K. Kiefer Machine Co.* Decree affirmed (notice dated Feb. 14, 1927).

1,418,203. (See 1,416,345.)

1,423,956. (See 1,018,502 (*b*).)

1,423,956 (*a*), Mitchell & White, Tipless incandescent lamp, etc.; 1,423,957, same, Stem-making machine, appeal filed Nov. 18, 1926, C. C. A. (3d Cir.). Doc. 3571, *General Electric Co.* v. *C. Eisler et al.*

1,423,957. (See 1,018,502 (*b*) and 1,423,956 (*a*).)

1,434,356, H. T. Doulett, Eyeleting machine, appeal filed Dec. 19, 1925, C. C. A. (3d Cir.), Doc. 3438, *L. Muther et al.* v. *United Shoe Machinery Corp.* Decree affirmed (notice dated Feb. 10, 1927).

1,440,614. L. B. Mettler, Gas burner, suit filed Jan. 18, 1927, D. C., S. D. Calif. (Los Angeles), Doc. L-39-M, *L. B. Mettler* v. *Peabody Engineering Corp.*

1,482,952, J. H. Stedman, Reenforced-rubber flooring and process of making same, appeal filed Apr. 14, 1926, C. C. A. (3d Cir.), Doc. 3482, *J. H. Stedman* v. *Puritan Rubber Mfg. Co.* Decree affirmed (notice dated Feb. 10, 1927).

1,488,604, M. A. Lawton, Suction-valve construction, suit filed Dec. 17, 1926, D. C. Mass., Doc. E 2765, *A. J. Morse & Son, Inc.*, v. *Shotwell Pump & Tank Co.*

1,500,452, J. F. Haggerty, Plaster wall board, suit filed Feb. 11, 1927, D. C., W. D. N. Y., Doc. 1058-F, *Universal Gypsum & Lime Co.* v. *J. F. Haggerty et al.*

1,507,016. (See 1,507,017.)

1,507,017, L. de Forest, Wireless telegraph and telephone system; 1,507,016, same, Radio signaling system; 1,113,149, E. H. Armstrong, Wireless receiving system, appeal filed Oct. 28, 1926, C. C. A. (3d Cir.), Doc. 3563, *Westinghouse Electric & Mfg. Co.* v. *De Forest Radio Telephone & Telegraph Co.*

1,542,423, G. A. Taylor, Means for preventing leakage past the pistons of internal-combustion engines, suit filed Feb. 10, 1927, D. C. Minn. (Minneapolis), Doc. E 571, *The Simplex Piston Ring Co. of America, Inc.*, v. *Seal Tite Piston Ring Co. et al.*

1,564,810, R. F. Angulo, Method of making handmade mission roof tiles, suit filed Jan. 18, 1927, D. C., S. D. Calif. (Los Angeles), Doc. L-40-J, *R. F. Angulo* v. *Padre Tile Co. et al.*

1,569,056, W. C. Welch, Colored patent leather and process of making same, suit filed Nov. 20, 1926, D. C. Mass., Doc. E 2751, *Snyder-Welch Process Corp.* v. *A. C. Lawrence Leather Co.*

1,599,553. (See 1,127,733.)

Re. 14,667. (See 1,307,734.)

Re. 15,401, L. S. van Westrum, Method of making roads, appeal filed May 7, 1925, C. C. A. (3d Cir.), Doc. 3350, *Bituminous Products Co. et al.* v. *Headly Good Roads Co.* Decree affirmed Feb. 10, 1927.

Re. 15,829, E. P. Engelbrecht, Slate brick, appeal filed Aug. 29, 1925, C. C. A. (3d Cir.), Doc. 3397, *Toupet-Taylor Engineering Co.* v. *Red Dog Mfg. & Supply Co.* Decree affirmed (notice dated Feb. 10, 1927).

Des. 67,837, J. N. Joerger, Casing for a cylinder oiler, suit filed Jan. 13, 1927, D. C., S. D. Calif. (Los Angeles), Doc. L-30-M, *Craveroiler Co. of America* v. *Jay Mfg. Co. et al.*

ADJUDICATED PATENTS.

(D. C. N. J.) The Hopkins patent, No. 1,271,527, for cone-type loud speaker, claims 29 and 30 *Held* invalid. *Lektophone Corporation* v. *Brandes Products Corporation*, 16 F. (2d) 934.

(D. C. N. J.) The Hopkins patent, No. 1,271,529, for cone-type loud speaker, claims 1-7 *Held* invalid and not infringed. *Lektophone Corporation* v. *Brandes Products Corporation*, 16 F. (2d) 934.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,518,190, H. Emery, Method of casting hollow ware of aluminum, decided February 14, 1927, claims 5, 7, and 8.

Pat. 1,518,791, G. W. Hedstrom, Drying machine, decided February 15, 1927, claims 7, 8, 9, 18, and 20.

Pat. 1,548,397, A. C. Taylor, Electric welding machine, decided March 5, 1927, claim 3.

Pat. 1,569,031, J. D. Rauch, Power shovel, decided February 18, 1927, claim 5.

TRADE-MARKS CANCELED.

74,443. Antiseptic and disinfectant compounds. Minna M. Dubin, Philadelphia, Pa. Registered July 13, 1909. Canceled March 10, 1927.

94,998. Illuminating and lubricating oils. Kansas City Oil Co., Kansas City, Kans. Registered January 20, 1914. Canceled March 10, 1927.

151,282. Malt extracts. Albert Wielich, New York, N. Y. Registered January 24, 1922. Canceled March 10, 1927.

154,932. Phonographs. Federal Phonograph Co., Inc., New York, N. Y., assignors to Paul B. Klugh, New York, N. Y. Registered May 16, 1922. Canceled March 10, 1927.

192,860. Eggs. Ernest Lebers, New York, N. Y. Registered December 16, 1924. Canceled March 10, 1927.

210,269. Penetrating oils for vehicle springs and chassis grease. John T. Stanley Co., Inc., New York, N. Y. Registered March 9, 1926. Canceled March 10, 1927.

214,071. Women's and misses' dresses. Chicago Mail Order Company, Chicago, Ill. Registered June 8, 1926. Canceled March 10, 1927.

219,018. Hosiery. Glidden Hyde Co., Boston, Mass. Registered October 5, 1926. Canceled March 10, 1927.

219,413. Ready-mixed paints and paint enamels. A. G. Adams & Co., Chicago, Ill. Registered October 19, 1926. Canceled March 10, 1927.

220,051. Leather belting. Conrad Zimmer, doing business as Conrad Zimmer Belting Company, New York, N. Y. Registered November 2, 1926. Canceled March 10, 1927.

Disclaimer.

1,553,301.—*William H. Albee*, Marlboro, Mass. HEEL BASE AND PROCESS OF MAKING SAME. Patent dated September 15, 1925. Disclaimer filed March 12, 1927, by the patentee, assignee, *B. A. Corbin & Son Company*, consenting.

Hereby enters this disclaimer to claim 7 of said patent.

Notice of Cancellation.

U. S. PATENT OFFICE, *Washington, Mar. 7, 1927.*

Charles Hedden Incorporated, its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Alfred Wright, Perfumer, Inc., of No. 113 West Eighteenth Street, New York, N. Y., to effect the cancellation of the trade-mark registration of Charles Hedden Incorporated, of 16 East Thirty-Third Street, New York, N. Y., No. 88,875, dated October 29, 1912, and the notice of such proceeding sent by registered mail to the said Charles Hedden Incorporated at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Charles Hedden Incorporated, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 29, 1927.

[VOL. 356. No. 5.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 177,840. (CLASS 39. CLOTHING.) GIMBEL BROTHERS, New York, New York, N. Y. Filed Mar. 22, 1923.

FOOTMOULD

Particular description of goods.—Leather and Combination Leather and Fabric Shoes.
Claims use since Jan. 2, 1900.

Ser. No. 206,816. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROSE WILKE, doing business as Vital Food Co., Los Angeles, Calif. Filed Dec. 16, 1924.

Radiant Health

Particular description of goods.—Medicinal Remedies—Namely, Laxative Herbal Compounds.
Claims use since Jan. 3, 1924.

Ser. No. 212,383. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CHARLES HILTON KENNEY, doing business as The Guide-O-Light Company, New London, Conn. Filed Apr. 8, 1925.

Guide-O-Light

Particular description of goods.—Vehicle Direction Signal Including Light Boxes and Control Circuit Maker and Breaker as Unit.
Claims use since Dec. 1, 1924.

Ser. No. 213,276. (CLASS 39. CLOTHING.) MARCEL BLUME, Paris, France. Filed Apr. 25, 1925.

"FAIRYLAND"

Particular description of goods.—Ladies' and Children's Dresses, Suits, and Lingerie.
Claims use since Oct. 8, 1908.

Ser. No. 217,967. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LAVERN S. SLAGLE, doing business as Slagle Radio Company, Fort Wayne, Ind. Filed July 27, 1925.



The subject of the illustration is fanciful.
Particular description of goods.—Radio Receiving Sets Assembled, Tubes, Loud Speakers, Batteries, and Battery Eliminators.
Claims use since Apr. 25, 1925.

Ser. No. 220,144. (CLASS 39. CLOTHING.) ROOT MANUFACTURING COMPANY, Cohoes, N. Y. Filed Sept. 11, 1925.



Particular description of goods.—Knitted Underwear.
Claims use since on or about Aug. 18, 1925.

Ser. No. 224,023. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HOSPITAL SUPPLY COMPANY AND WATTERS LABORATORIES, CONSOLIDATED, New York, N. Y. Filed Nov. 30, 1925.



Particular description of goods.—Bedpan Washers, Sterilizers, and Racks.
Claims use since January, 1924.

Ser. No. 224,443. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CHAMPE S. ANDREWS, New Haven, Conn. Filed Dec. 9, 1925.

OBACO

Particular description of goods.—Box-Forming Machines, Box-Making Machines, Printing Machines, Machines for Folding and Delivering Cartons, Box Boards, and Box Blanks, Printed and Unprinted; Machines for Blanking, Creasing, Scoring, Cutting, and/or Strapping Cardboard and Box Board, and Parts Thereof.
Claims use since November, 1921.

Ser. No. 224,858. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JACOB COHEN, doing business as Chicago Human Hair Co., Kansas City, Mo. Filed Dec. 18, 1925.

Chi-Co

Particular description of goods.—Hair Tonics, Face Creams, Mouth and Eye Washes, and Skin Lotions, Witch-Hazel, Bay Rum, Toilet Powders, Rouges, Hair Dyes, Hair-Removing Preparation, Nail Polish, a Cuticle-Removing Preparation, Massage Creams, and Quinine Tonic.
Claims use since March, 1925.

Ser. No. 226,138. (CLASS 39. CLOTHING.) LEON FERNAND GUIGNIE, doing business as L. F. Guignie, Grenoble, France. Filed Jan. 20, 1926.

Pierlis

Applicant disclaims exclusive right to the word "Pierlis" apart from the mark shown.
Particular description of goods.—Leather Gloves.
Claims use since October, 1922.

Ser. No. 226,271. (CLASS 11. INKS AND INKING MATERIALS.) W. H. YOUNG CORPORATION, Chicago, Ill. Filed Jan. 22, 1926.

RE-STORO
PERFECT TYPEWRITING FLUID

No claim is made to the words "Perfect Typewriting Fluid" apart from the mark as shown.
Particular description of goods.—Printing Ink and Ink for Type Ribbons.
Claims use since Jan. 14, 1926.

Ser. No. 226,324. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) W. H. YOUNG CORPORATION, Chicago, Ill. Filed Jan. 23, 1926.

RE-STORO

No claim is made to the words "Master Type Cleaner" apart from the mark as shown.
Particular description of goods.—Ink Remover for Type.
Claims use since Jan. 14, 1926.

Ser. No. 226,449. (CLASS 39. CLOTHING.) SYRACUSE DRY GOODS COMPANY, Syracuse, N. Y. Filed Jan. 26, 1926.

BLUE WHALE

The drawing is lined for blue.
Particular description of goods.—Overalls, Work Shirts, Pants, Rompers, and Coats for Men, Women, and Children.
Claims use since Oct. 1, 1921.

Ser. No. 226,451. (CLASS 39. CLOTHING.) SYRACUSE DRY GOODS COMPANY, Syracuse, N. Y. Filed Jan. 26, 1926.

The Empire

Particular description of goods.—Gloves and Mittens of Leather, Fabric, and Combinations Thereof, Nightshirts, Dress Shirts, and Pyjamas.
Claims use since 1898.

Ser. No. 226,724. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN HEICHELBECH, St. Louis, Mo. Filed Feb. 1, 1926.

HICO
QUALITY PRODUCTS

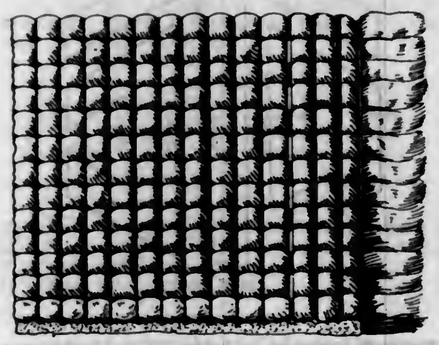
No claim is made to the words "Quality Products" apart from the mark as shown in the drawing.
Particular description of goods.—Food-Flavoring Extracts and Fruit Preserves.
Claims use since Apr. 3, 1922.

Ser. No. 226,815. (CLASS 15. OILS AND GREASES.) MAYFLOWER OIL COMPANY, Boston, Mass. Filed Feb. 3, 1926.

MAYFLOWER

Particular description of goods.—Gasoline, Kerosene, Lubricating Oil, Lubricating Greases, and Fuel Oils.
Claims use since Aug. 15, 1925.

Ser. No. 226,970. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PITTSBURG WATERPROOF COMPANY, Pittsburgh, Pa. Filed Feb. 6, 1926.



The representation of the goods is disclaimed. The mark comprises four red lines parallel with the length of the goods, the innermost of the lines being interrupted. The three outer continuous red lines are preferably effected by using red warp strands. The innermost interrupted red line is effected by using double warp in two strands, one white and one red. The red lines are at the positions of four consecutive warp strands, the outermost line being back from the longitudinal edge of the goods, so as not to be exposed at the said edge.
Particular description of goods.—Padding or Covering Knitted, Woven, Felted, or Otherwise Constructed to be Used on Laundry and Ironing Machines, Cloth-Pressing Apparatus, Ironing Boards, and Other Laundry Uses.
Claims use since Jan. 9, 1926.

Ser. No. 227,408. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES N. MILLER COMPANY, Boston, Mass. Filed Feb. 17, 1926.

Malted Molly

Particular description of goods.—Candies.
Claims use since Jan. 1, 1926.

Ser. No. 227,608. (CLASS 37. PAPER AND STATIONERY.) TRANSO ENVELOPE COMPANY, Chicago, Ill. Filed Feb. 20, 1926.

Transo

Particular description of goods.—Mailing Envelopes.
Claims use since about January, 1904.

Ser. No. 227,625. (CLASS 15. OILS AND GREASES.) THE ATLANTIC REFINING COMPANY, Philadelphia, Pa. Filed Feb. 23, 1926.



Particular description of goods.—Lubricating Oils, Motor Oils, and Oils for Preventing Chattering in Brake Mechanism on Automobiles and Ford Cars.
Claims use since on or about Mar. 28, 1924.

Ser. No. 227,773. (CLASS 38. PRINTS AND PUBLICATIONS.) BROWN & BIGELOW, St. Paul, Minn. Filed Feb. 25, 1926.

Refreshing News

Particular description of goods.—Periodical Particularly Adapted to Dry Cleaners and Dry-Cleaning Interests Published from Time to Time.
Claims use since on or about Feb. 1, 1926.

Ser. No. 227,839. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE HOTSTREAM HEATER CO., Cleveland, Ohio. Filed Feb. 26, 1926.

THERMOWELL

Particular description of goods.—Combined Couplings and Thermostat Receivers for Hot-Water Heating and Distribution Systems.
Claims use since Jan. 9, 1926.

Ser. No. 228,557. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBT. C. PAULUS & CO., Salem, Oreg. Filed Mar. 12, 1926.

SUNGOLD

Particular description of goods.—Canned Fruits—Namely, Pears; Canned Vegetables—Namely, Pumpkin; Dried Fruit—Namely, Peaches, Apples, and Prunes; Canned Blackberries, Canned Salmon, and Walnuts in Their Natural State.
Claims use since June 11, 1925.

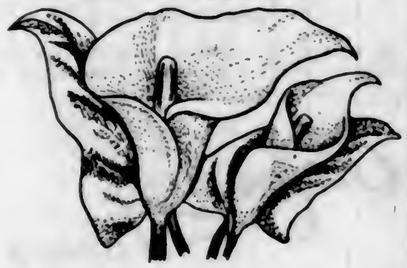
Ser. No. 228,719. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) METAL TEXTILE CORPORATION, West Orange, N. J. Filed Mar. 16, 1926.

METEX

Particular description of goods.—Knitted Metallic Fabrics.
Claims use since about Feb. 8, 1926.

Ser. No. 228,914. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LARSEN COMPANY, doing business as The Wm. Larsen Canning Co., Green Bay, Wis. Filed Mar. 20, 1926. Under 10-year proviso.

LILY



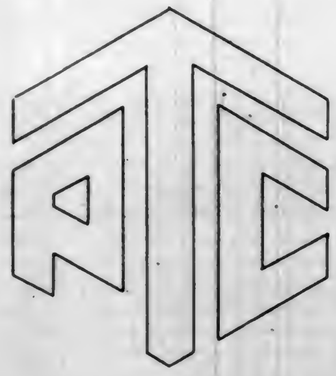
Particular description of goods.—Canned Vegetables—Namely, Peas, Beets, and Sauerkraut.
Claims use since Jan. 1, 1893.

Ser. No. 229,082. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BARKER BREAD COMPANY, Portland, Oreg. Filed Mar. 24, 1926.



Exclusive use of the words "Whole Wheat Bread" is disclaimed except as used in connection with the mark shown on wrapper. The name "Barker" is disclaimed apart from the mark shown.
Particular description of goods.—Bread.
Claims use since January, 1922.

Ser. No. 229,416. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) TAR PRODUCTS CORPORATION, Providence and East Providence, R. I. Filed Mar. 30, 1926.



The mark comprises the letters "T P C," which in the example shown are arranged with the letter "T" in the middle, and the letters "P" and "C" at the left and right, respectively, of the letter.
Particular description of goods.—Coal Tar, Seine Tar, Lens Pitch, Marking Tar for Marking Textile Goods Before Bleaching, and Pitch, Including Roofing Pitch, Waterproofing Pitch, Paving Pitch, and Concrete Pitch.
Claims use since on or about Sept. 17, 1920, to coal tar; since on or about Mar. 20, 1921, to seine tar; since on or about Feb. 28, 1923, to lens pitch; since on or about July 18, 1923, to marking tar for marking textile goods before bleaching; on pitch, including roofing pitch, since on or about Apr. 30, 1921; on waterproofing pitch since on or about Nov. 3, 1921; on paving pitch since on or about June 15, 1921; and on concrete pitch since on or about July 9, 1921.

Ser. No. 229,841. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLITS GREEN & MARSTON, doing business as Willits & Green, Los Angeles, Calif. Filed Apr. 7, 1926.

CALIFORNIA POPPY

Particular description of goods.—Peanut Butter, Crushed Fruits, Marmalade, Jams, Conserves, Spiced and Pickled Fruits.
Claims use since 1913.

Ser. No. 229,875. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARGUERITE BLAIR ORCHARD, Long Beach, Calif. Filed Apr. 8, 1926.



Particular description of goods.—Face Whiting and Skin Lotion.
Claims use since Nov. 24, 1924.

Ser. No. 231,048. (CLASS 12. CONSTRUCTION MATERIALS.) KERRY & HANSON FLOORING CO., Grayling, Mich. Filed May 3, 1926.

CHIEF

Particular description of goods.—Flooring Made of Maple, Beech, and Birch. The Flooring is Made Tongue and Grooved and Square Edge.
Claims use since August, 1905.

Ser. No. 231,574. (CLASS 12. CONSTRUCTION MATERIALS.) UNITED STATES GYPSUM COMPANY, Chicago, Ill. Filed May 13, 1926.

THERMOFILL

Particular description of goods.—Powdered Heat and Cold Building Insulation, Calcined Gypsum, Wall Plasters, Gypsum Tile, and Plaster Board.
Claims use since Oct. 24, 1925.

Ser. No. 232,228. (CLASS 39. CLOTHING.) BENJAMIN WAXMAN, doing business as Great Eastern Manufacturing Company, Rose Waxman, administratrix of the estate of Benjamin Waxman, deceased, Philadelphia, Pa. Filed May 25, 1926.

ViKing Overalls



Applicant disclaims the word "Overalls" except as used in connection with the mark.
Particular description of goods.—Overalls.
Claims use since May 1, 1926.

Ser. No. 232,450. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARTER MEDICINE COMPANY, New York, N. Y. Filed May 29, 1926.



No claim is made to the exclusive use of the words "Trade-Mark Registered" and "Little Iron Pills Compound" apart from the mark shown in the drawing.
Particular description of goods.—Iron Pills.
Claims use since April, 1926.

Ser. No. 232,451. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARTER MEDICINE COMPANY, New York, N. Y. Filed May 29, 1926.



No claim is made to the exclusive use of the words "Trade-Mark Registered" and "Little Nervine Pills" apart from the mark shown on the drawing.
Particular description of goods.—Nervine Pills.
Claims use since April, 1926.

Ser. No. 232,868. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHEM. FABRIKEN KUNHEIM & CO. A. G., Berlin, Germany, Filed June 8, 1926.

„Erka“

Particular description of goods.—Ammonium Carbonate, Ammonium Chloride, Ammonium Sulphate, Ammonium Sulphocyanide, Barium Carbonate, Barium Chloride, Barium Nitrate, Barium Sulphide, Barium Sulphocyanide, Blanc Fixe, Calcium Chloride, Bleaching Powder, Calcium Ferrocyanide, Calcium Sulphocyanide, Citric Acid, Copper Sulphocyanide, Molybdic Acid, Molybdate of Ammonia, Potassium Ferricyanide, Potassium Sulphocyanide, Soda Ash, Caustic Soda Crystals, Sodium Bisulphite Sodium Sulphate, Sodium Sulphide, Sodium Sulphite, Sodium Sulphocyanide, Thorium Nitrate and Salts, Tungstic Acid, Phosphates, Superphosphates, Sulphate of Ammonia, Ammonia Superphosphate, Phosphate Mixed with Cyanamide, Digestive Enzymes.
Claims use since Nov. 13, 1924.

Ser. No. 233,367. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THOS. FIRTH & SONS, LIMITED, Sheffield, England. Filed June 17, 1926. Under 10-year proviso.

THOMAS FIRTH & SONS,

Particular description of goods.—Cast Steel, Castings, and Forgings.
Claims use since prior to 1876.

Ser. No. 233,717. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN F. BARKER PRODUCE COMPANY, INC., Phoenix, Ariz. Filed June 25, 1926.

BREAKFAST

Particular description of goods.—Eggs.
Claims use since Sept. 1, 1921.

Ser. No. 233,738. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LEVY & LEVIS COMPANY, INC., New York, N. Y. Filed June 25, 1926.

EATRITE

Particular description of goods.—Dried Vegetables Comprising Whole Green Peas, Green Split Peas, Yellow Split Peas, Marrow Beans, Pea Beans, Lima Beans, Lentils, Green Kern and Mushrooms; Dried Fruits Comprising Pears; and Sto. John's Bread; Cereals Comprising Barley and Rice, Tapioca, Tea, Coffee, Nuts, Salted and in Their Natural State; Spices Comprising Allspice, Laurel Leaves, Yellow Mustard Seed, Caraway Seed, Poppy Seed, Pepper, Paprika, and Nutmeg, and Birdseed and Sunflower Seed.
Claims use since Oct. 17, 1924.

Ser. No. 233,755. (CLASS 31. FILTERS AND REFRIGERATORS.) SUMMERFIELD & HECHT, Detroit, Mich. Filed June 25, 1926.

Grand Rapids

The words "Grand Rapids" and the representation of the refrigerator are disclaimed apart from the mark as shown.
Particular description of goods.—Refrigerators.
Claims use since 1908.

Ser. No. 233,864. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD H. ANTHONY, doing business as Consolidated Pharmacal Laboratories, Los Angeles, Calif. Filed June 29, 1926.

ACNE-OINT

No claim is made to the exclusive right to use the word "Acne" except in the association shown in the drawing.
Particular description of goods.—Ointment for Skin Diseases.
Claims use since May 1, 1926.

Ser. No. 234,008. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) STEMOR COMPANY, INC., New York, N. Y. Filed July 1, 1926.

"WATERTRAN"

Particular description of goods.—Patterns for Embroidery.
Claims use since Apr. 2, 1926.

Ser. No. 234,098. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COLTON FRUIT EXCHANGE, Colton, Calif. Filed July 3, 1926.

COLTON TERRACE

The geographical term "Colton" is disclaimed apart from the other features of the mark as shown in the drawing.
Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since January, 1893.

Ser. No. 234,366. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) REGINALD G. BULLARD, doing business as Bullard Products, Monterey Park, Calif. Filed July 10, 1926.

PRESERVATOP

Particular description of goods.—Auto Top and Leather Dressing.
Claims use since Mar. 1, 1926.

Ser. No. 234,624. (CLASS 2. RECEPTACLES.) MY PAL PRODUCTS, Chicago, Ill. Filed July 16, 1926.



"MY PAL"

Particular description of goods.—Vacuum Heat-Insulated Jugs and Bottles.
Claims use since May 1, 1926.

Ser. No. 235,656. (CLASS 2. RECEPTACLES.) RUSSELL O. SAYERS, doing business as Auto Box Equipment Co., Mount Vernon, N. Y. Filed Aug. 6, 1926.

ABECO

Particular description of goods.—Automobile License and Ownership Card Boxes.
Claims use since June 21, 1926.

Ser. No. 236,048. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) NATIONAL SALES & MANUFACTURING CO., Des Moines, Iowa. Filed Aug. 13, 1926.

EVEREADY
STA-HOT
ROTOFOAM WASHER

The words "Sta-Hot" and "Washer" are disclaimed apart from the mark as shown.
Particular description of goods.—Washing Machines.
Claims use since Feb. 15, 1926.

Ser. No. 236,548. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HENRY GARDNER, GUITERMAN & CO., INC., New York, N. Y. Filed Aug. 27, 1926.



Particular description of goods.—Nonferrous Metals in Ingots, Pigs, Bars, and Miscellaneous Shapes.
Claims use since Dec. 15, 1924.

Ser. No. 236,788. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANCO-ITALIAN PACKING CO., INC., East San Pedro, Calif. Filed Sept. 1, 1926.

FRANCO

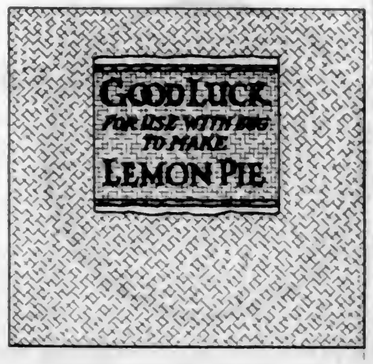
Particular description of goods.—Canned Fish.
Claims use since July, 1925.

Ser. No. 237,076. (CLASS 12. CONSTRUCTION MATERIALS.) THE HYJO CO. (NOT INC.), Springfield, Ill. Filed Sept. 10, 1926.

STA-LOK SHINGLES

No claim is made to the word "Shingles" apart from the other features of the mark. The mark is in two colors, black and red. The polygonal figure which bounds the word "Sta-Lok" is fanciful and does not purport to be the representation of a shingle.
Particular description of goods.—Asphalt Roofing in Rolls and Shingles Made from Asphalt Roofing Fabric.
Claims use since July 22, 1926.

Ser. No. 237,099. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GOOD LUCK FOOD CO., INC., Rochester, N. Y. Filed Sept. 10, 1926.



The right to exclusive use of the words "For Use With Egg to Make Lemon Pie" is disclaimed apart from the mark shown in the drawing. The lettering is in black on a yellow panel having an orange background.

Particular description of goods.—Preparation for Making Pie Filling and Puddings.

Claims use since July, 1922.

Ser. No. 237,109. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) BRITISH AMERICAN METALS COMPANY, INC., New York, N. Y. Filed Sept. 11, 1926.

BLACKSKIN

Particular description of goods.—Pipes and Tubes Manufactured from Nonferrous Metals.

Claims use since Aug. 1, 1923.

Ser. No. 237,145. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) BARNETT SAMUEL AND SONS LIMITED, London, England. Filed Sept. 13, 1926.

"She shall have Music wherever she goes"

Particular description of goods.—Talking Machines and Records.

Claims use since July 30, 1914.

Ser. No. 237,376. (CLASS 12. CONSTRUCTION MATERIALS.) MACANDREWS & FORBES COMPANY, Camden, N. J., and New York, N. Y. Filed Sept. 17, 1926.

FIBREX

Particular description of goods.—Composite Board and Lumber.

Claims use since Aug. 2, 1926.

Ser. No. 237,651. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HECTOR A. BROUILLET, Holland, Mich. Filed Sept. 24, 1926.

O'Hec's

Eat O'Hec's Apples, by Hec!

The descriptive advertising slogan "Eat O'Hec's Apples, By Hec" is hereby disclaimed apart from the other features of the mark shown on drawing.

Particular description of goods.—Fresh Apples.

Claims use since Oct. 25, 1925.

Ser. No. 237,705. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) R. F. SEDGLEY INC., Philadelphia, Pa. Filed Sept. 24, 1926.

"BABY"

Particular description of goods.—Revolvers.

Claims use since November, 1915.

Ser. No. 237,805. (CLASS 12. CONSTRUCTION MATERIALS.) THOMAS E. GRAY & CO. LTD., London, England. Filed Sept. 27, 1926.



"Stand the Highest Temperature" are disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Gannister.

Claims use since May 12, 1919.

Ser. No. 238,586. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE KELLY CO., Cleveland, Ohio. Filed Oct. 14, 1926.



No rights are claimed for the word "Hy-Quality."

Particular description of goods.—Candy, Salted Nut Meats, and Peanut Butter.

Claims use since Apr. 15, 1926.

Ser. No. 238,629. (CLASS 32. FURNITURE AND UPHOLSTERY.) JOHN WANAMAKER, NEW YORK, New York, N. Y. Filed Oct. 14, 1926.



The words "John Wanamaker" are disclaimed apart from the mark shown. The drawing is hatched to indicate a shade of orange.

Particular description of goods.—Modern and Antique Home Furnishings—Namely, Tables, Chairs, Benches, Stools, Beds, Chests, Dressers, Bookcases, Desks, Mirrors, Screens; Garden Furniture—Namely, Stone and Iron Tables, Chairs, and Benches.

Claims use since March, 1915.

Ser. No. 238,859. (CLASS 32. FURNITURE AND UPHOLSTERY.) BEN. JACKSON, New Orleans, La. Filed Oct. 19, 1926.

Benjac

Particular description of goods.—Display Cases for Displaying and Selling Drugs and Toilet Articles.

Claims use since July 30, 1926.

Ser. No. 238,860. (CLASS 45. BEVERAGES, NONALCOHOLIC.) JOHN M. KOZIK, Hudson, Pa. Filed Oct. 19, 1926.

LORAINE CLUB

No claim is made to the exclusive use of the word "Loraine" except as associated with the word "Club" or such simulation thereof as to cause confusion of purchasers. Trade-mark "Loraine Club."

Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages, Sold as Soft Drinks—Viz, Root Beer.

Claims use since June 1, 1926.

Ser. No. 238,895. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CHARLES R. BUTLER, doing business as Butler Mfg. Co., Indianapolis, Ind. Filed Oct. 20, 1926.

Bu-Nite

Particular description of goods.—Pistons for Use in Internal-Combustion and Steam Engines, Pumps, and Compressors.

Claim use since June, 1919.

Ser. No. 239,522. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) INTER-MOUNTAIN MACHINE & STAMP WORKS, INC., Salt Lake City, Utah. Filed Nov. 1, 1926.

AL-WUZ-ON

The tags are made of metal, usually aluminum, though limited quantities of tags for special purposes are often made of gold, silver, copper, and of other metals, as well as of alloys, such as duralumin.

Particular description of goods.—Cattle Tags, Sheep Tags, Hog Tags, Horse Tags, Fox Tags, Fish Tags, and Poultry Bands.

Claims use since May 1, 1923.

Ser. No. 239,703. (CLASS 39. CLOTHING.) JOS. M. FEINSON, INC., New York, N. Y. Filed Nov. 5, 1926.

DUO-SILK

Applicant disclaims exclusive right to the word "Silk" apart from the mark shown.
Particular description of goods.—Silk Neckties.
Claims use since Oct. 26, 1926.

Ser. No. 239,737. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARDOSO, SEABRA & CO., Rio De Janeiro, Brazil. Filed Nov. 6, 1926.

GADUSAN

Particular description of goods.—Preparation Used in the Treatment of Tuberculosis.
Claims use since Dec. 31, 1922.

Ser. No. 239,746. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) CHARLES LEO FITZ, INC., Mayville, Wis. Filed Nov. 6, 1926.

MAYLITE

Particular description of goods.—Screens Upon Which Moving Pictures May be Projected.
Claims use since July 8, 1925.

Ser. No. 239,761. (CLASS 46. FOODS AND INGREDIENTS OF FOODS. LINETTE CHOCOLATE COMPANY, Reading, Pa. Filed Nov. 6, 1926.

Betcha Life
IT'S GREAT 5¢

We disclaim the words "It's Great 5¢," also the color of the design, also the design when used alone; only ask for registration protection on the word "Betcha Life" together with the design shown.
Particular description of goods.—Candies.
Claims use since Oct. 11, 1926.

Ser. No. 239,769. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) RED DOT CHEMICAL COMPANY, Indianapolis, Ind. Filed Nov. 6, 1926.

RED DOT

The drawing is lined for the color red.
Particular description of goods.—Window-Shade Cleaner.
Claims use since May, 1926.

Ser. No. 239,862. (CLASS 39. CLOTHING.) MORRIS AUGENBLICK, doing business as Morris Shoe Company, New York, N. Y. Filed Nov. 9, 1926.

Dr. Morris
HIGH GRADE SHOES



Applicant disclaims the use of the words "Dr. Morris" and "High Grade Shoes" except in the particular arrangement and association in which they appear with the rest of the mark as shown in the drawing.
Particular description of goods.—Leather Shoes.
Claims use since about Apr. 1, 1926.

Ser. No. 239,888. (CLASS 12. CONSTRUCTION MATERIALS.) HERMAN W. MAURER, Cleveland, Ohio. Filed Nov. 10, 1926.

CUR-TI-TION

Particular description of goods.—Collapsible Partition Structures.
Claims use since Mar. 11, 1925.

Ser. No. 239,898. (CLASS 38. PRINTS AND PUBLICATIONS.) ST. LOUIS CONVENTION, PUBLICITY AND TOURIST BUREAU, St. Louis, Mo. Filed Nov. 10, 1926.

A GUIDE-BOOK FOR THE CONVENTION DELEGATE, VISITOR AND TOURIST.

THE St. Louisan

THE OFFICIAL PUBLICATION OF THE ST. LOUIS CONVENTION, PUBLICITY & TOURIST BUREAU

All printed matter shown on the drawing except the words "The St. Louisan" is disclaimed.
Particular description of goods.—Weekly Publication.
Claims use since July 17, 1926.

Ser. No. 240,006. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JACOB SKORA, doing business as DE ROSE LABORATORY, Chicago, Ill. Filed Nov. 12, 1926.

SURE-LĀ

Particular description of goods.—Hair Tonic.
Claims use since July, 1922.

Ser. No. 240,011. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) IRMA VEDOVA, New York, N. Y. Filed Nov. 12, 1926.

MIRANDA
GUARANTEED
HAIR TONIC
and
DANDRUFF KILLER



A NATURAL PURE HAIR STIMULANT. REFRESHING TO THE SCALP AND POSITIVE DANDRUFF KILLER. WILL NOT AFFECT THE HAIR WAVE.
IRMA V. MFG CO. N.Y.

All wording except "Miranda" is disclaimed apart from the mark as shown on the drawing.
Particular description of goods.—Hair Tonic and Dandruff Killer.
Claims use since January, 1926.

Ser. No. 240,028. (CLASS 39. CLOTHING.) JORDAN MARSH COMPANY, Boston Mass. Filed Nov. 13, 1926.

JEMCO

"Jemco."
Particular description of goods.—Brassières.
Claims use since Oct. 1, 1926.

Ser. No. 240,041. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF. SOCIÉTÉ ANONYME DU GRAISSAGE ALCYL, Paris, France. Filed Nov. 13, 1926.

ALCYL

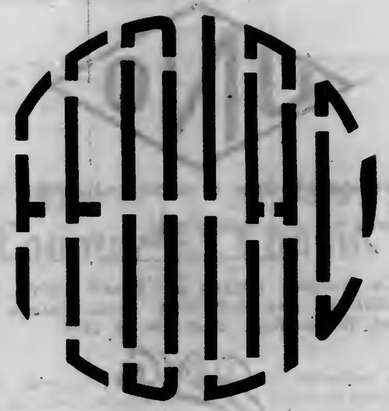
Particular description of goods.—Apparatus for Lubricating Internal-Combustion Engines, Steam Engines, Electromotors, Agricultural and Textile Machines, and Parts of Machinery.
Claims use since Aug. 18, 1926.

Ser. No. 240,097. (CLASS 39. CLOTHING.) ROCK RUN MILLS, Goshen, Ind. Filed Nov. 15, 1926.

SNUGGLE RUG

The word "Rug" is hereby disclaimed apart from the mark shown.
Particular description of goods.—Leg and Foot Warming Bags or Garments Made of Wool or Like or Other Suitable Material.
Claims use since Oct. 25, 1926.

Ser. No. 240,249. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) S. GALLE & CO., New York, N. Y. Filed Nov. 18, 1926.



Particular description of goods—Cheeses and Cheese Products.
Claims use since Oct. 6, 1926.

Ser. No. 240,309. (CLASS 50. MERCHANDISE, NOT OTHERWISE CLASSIFIED.) FRANK LUIPERSBEK, Bound Brook, N. J. Filed Nov. 19, 1926.



No claim is made to the words "Plantfud" and "Plantbreether" apart from the mark as shown. No claim is made to the outline shown on the drawing.

Particular description of goods.—Metal Frames Insertable in Flowerpots Which Support the Soil Above the Inner Bottom of the Flowerpot.

Claims use since Oct. 1, 1926.

Ser. No. 240,459. (CLASS 39. CLOTHING.) UNION UNDERWEAR COMPANY, INCORPORATED, Indianapolis, Ind. Filed Nov. 22, 1926.

UNO

Particular description of goods.—Textile-Fabric Underwear.

Claims use since Feb. 1, 1926.

Ser. No. 240,460. (CLASS 39. CLOTHING.) UNION UNDERWEAR COMPANY, INCORPORATED, Indianapolis, Ind. Filed Nov. 22, 1926.

UNO

Particular description of goods.—Textile-Fabric Underwear.

Claims use since Feb. 1, 1926.

Ser. No. 240,608. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) JORDAN MARSH COMPANY, Boston, Mass. Filed Nov. 26, 1926.

JMC

"Jemco."

Particular description of goods.—Dress Shields.

Claims use since Oct. 28, 1926.

Ser. No. 240,651. (CLASS 38. PRINTS AND PUBLICATIONS.) HAIRE PUBLISHING CO., INC., New York, N. Y. Filed Nov. 27, 1926.

THE NOTION AND NOVELTY REVIEW

Particular description of goods.—Monthly Magazine.

Claims use since September, 1915.

Ser. No. 240,652. (CLASS 38. PRINTS AND PUBLICATIONS.) HAIRE PUBLISHING CO., INC., New York, N. Y. Filed Nov. 27, 1926.

INLAND MERCHANT AND DRY GOODS GUIDE

Particular description of goods.—Monthly Magazine.

Claims use since January, 1898.

Ser. No. 240,653. (CLASS 38. PRINTS AND PUBLICATIONS.) HAIRE PUBLISHING CO., INC., New York, N. Y. Filed Nov. 27, 1926.

Dress Essentials AND THE LACE AND EMBROIDERY REVIEW

Particular description of goods.—Monthly Magazine.

Claims use since October, 1908.

Ser. No. 240,770. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ELECTRIC VACUUM LAWN MOWER COMPANY, Stockton, Calif. Filed Nov. 30, 1926.

LAWN VAC

Particular description of goods.—Lawn Mowers.

Claims use since July, 1924.

Ser. No. 240,886. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) H. M. SHEER CO., Quincy, Ill. Filed Dec. 2, 1926.



No claim is made to the word "Peerless" apart from the mark shown.

Particular description of goods.—Incubators and Brooders.

Claims use since April, 1915.

Ser. No. 240,897. (CLASS 39. CLOTHING.) SIMON ACKERMAN CLOTHES, INC., New York, N. Y. Filed Dec. 3, 1926.



Applicant disclaims exclusive right to the use of the word "Clothes" apart from the other features of the mark.

Particular description of goods.—Men's and Young Men's Coats, Vests, Trousers, and Overcoats.

Claims use since June, 1926.

Ser. No. 240,967. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FIRST NATIONAL STORES, INC., Boston, Mass. Filed Dec. 4, 1926.

EVANGELINE

"Evangeline."

Particular description of goods.—Butter, Cheese, Condensed Milk, Evaporated Milk, Malted Milk, Fresh Milk, Cream, Eggs.

Claims use since July 3, 1926.

Ser. No. 241,042. (CLASS 39. CLOTHING.) EARNSHAW KNITTING COMPANY, Newton, Mass. Filed Dec. 6, 1926.



The mark consists of a fanciful bust of a baby on a red medallion with blue background.

Particular description of goods.— Infants' and Children's Knitted Underwear.

Claims use since July 15, 1925.

Ser. No. 241,181. (CLASS 39. CLOTHING.) READING MAID HOSIERY MILLS, Reading, Pa. Filed Dec. 8, 1926.

SUNNY MAID

Particular description of goods.—Hosiery.

Claims use since Mar. 19, 1926.

Ser. No. 241,224. (CLASS 39. CLOTHING.) HARRY GREENBERG CO., INC., New York, N. Y. Filed Dec. 9, 1926.

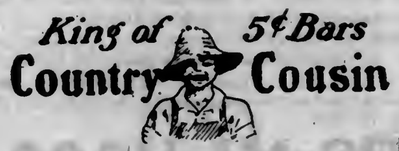


The words "Inspired in Paris" and "Modes" are disclaimed apart from the mark as shown.

Particular description of goods.—Ladies' and Misses' Sport and Tailored Frocks; Ladies', Misses', and Children's Hats; Leather and Fabric Gloves, Hosiery, and Knitted, Netted, and Textile-Fabric Underwear, and Children's Dresses and Suits.

Claims use since about May 15, 1926.

Ser. No. 241,243. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROSE DELL CANDY SHOPS, INC., Sidney, Ohio. Filed Dec. 9, 1926.



The expression "King of 5¢ Bars" is disclaimed apart from the other features of the mark shown in the drawing. The picture of the boy shown is fanciful and not that of any living individual.

Particular description of goods.—Candy.

Claims use since Oct. 18, 1926.

Ser. No. 241,248. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SURE LA- CO., INC., Chicago, Ill. Filed Dec. 9, 1926.

Sure La-

Particular description of goods.—Hair Tonic.
Claims use since July 1, 1922.

Ser. No. 241,358. (CLASS 38. PRINTS AND PUBLICATIONS.) ALVIN A. SAMUELS, doing business as The Bride & Groom Publishing Co., New York, N. Y. Filed Dec. 11, 1926.

THE BRIDE AND GROOM

Particular description of goods.—Quarterly Publication.
Claims use since November, 1926.

Ser. No. 241,428. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) NAAMLOOZE VENNOOTSCHAP RUBBER CULTUUR MAATSCHAPPIJ AMSTERDAM, Amsterdam, Netherlands. Filed Dec. 13, 1926.

RCMA
RAY BRAND

The word "Brand" is disclaimed apart from the mark.
Particular description of goods.—Rubber.
Claims use since 1910.

Ser. No. 241,441. (CLASS 39. CLOTHING.) ROCKFORD MITTEN & HOSIERY COMPANY, Rockford, Ill. Filed Dec. 13, 1926.

RO-MI-HOCO

"Ro-Mi-Hoco."
Particular description of goods.—Outer Garments or Apparel—Namely, Coats, Sport Jackets, Skirts for Women, Hosiery, and Mufflers for Men, Women, and Children.
Claims use since Apr. 1, 1926.

Ser. No. 241,496. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EMILY B. PATTERSON, Streator, Ill. Filed Dec. 14, 1926.

EM-A-LEE'S OLD FASHIONED CORN RELISH

No claim is made to the words "Old Fashioned" and "Corn Relish" apart from the mark as shown in the drawing.
Particular description of goods.—Cooked Corn Relish Sold in Sealed Containers.
Claims use since Sept. 15, 1926.

Ser. No. 241,502. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) UNION CONFECTIONERY MACHINERY CO. INC., New York, N. Y. Filed Dec. 14, 1926.

UNION

Particular description of goods.—Machinery for the Use of Bakers and Confectioners in Making Candy and Chocolate.
Claims use since June 1, 1921.

Ser. No. 241,503. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) UNION CONFECTIONERY MACHINERY CO. INC., New York, N. Y. Filed Dec. 14, 1926.

UNION
Rebuilt Candy Machinery

Applicant disclaims toe use of the words "Rebuilt Candy Machinery" apart from the mark shown.
Particular description of goods.—Machinery for the Use of Bakers and Confectioners in Making Candy and Chocolate.
Claims use since June 1, 1921.

Ser. No. 241,513. (CLASS 39. CLOTHING.) BANKS, INC., New York, N. Y. Filed Dec. 15, 1926.

"BONNIE-WEATHER"

Particular description of goods.—Men's Wearing Apparel—Namely, Overcoats, Topcoats, Raincoats, Suits Comprising Coats, Vests, and Trousers, Sweaters, Men's Hats, Socks, Scarfs, and Knitted and Textile Underwear for Men.
Claims use since Dec. 9, 1926.

Ser. No. 241,557. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) EDNA CAMPBELL BARKER, San Diego, Calif. Filed Dec. 16, 1926.

BAR-KLAY COLORS

The word "Colors" and the expression "Klay" are disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Water Colors, Poster Paints, and Powdered Colors Sized.
Claims use since Nov. 19, 1926.

Ser. No. 241,567. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) J. EAVENSON & SONS, INC., Philadelphia, Pa., and Camden, N. J. Filed Dec. 16, 1926.

EAVENSON'S
A Lovely Skin from Head to Foot

The words "French Process Cold Cream Soap" are disclaimed apart from the mark shown.
Particular description of goods.—Soap.
Claims use since Apr. 28, 1925.

Ser. No. 241,581. (CLASS 15. OILS AND GREASES.) J. FOSTER PRICE, doing business as Midwestern Refining Co., Toledo, Ohio. Filed Dec. 16, 1926.

SUPERPENN

Particular description of goods.—Lubricating Oils and Greases.
Claims use since on or about May 1, 1924.

Ser. No. 241,595. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WELLSON SPECIALTY CO., Toronto, Canada. Filed Dec. 16, 1926.

Well-Spe-Co

Particular description of goods.—Hair Tonics, Special Hair Tonics, Restorative Tonics, Hot Oil for Use in Hair and Scalp Treatment.
Claims use since on or about Aug. 15, 1926.

Ser. No. 241,606. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) DAYTON SCALE COMPANY, New York, N. Y. Filed Dec. 17, 1926. Under 10-year proviso.

DAYTON

Particular description of goods.—Weighing Scales.
Claims use since May, 1891.

Ser. No. 241,607. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) DAYTON SCALE COMPANY, New York, N. Y. Filed Dec. 17, 1926.

MONEYWEIGHT

Particular description of goods.—Weighing Scales.
Claims use since Apr. 15, 1895.

Ser. No. 241,634. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) PHENOLIC PRODUCTS CORPORATION, Rockford, Ill. Filed Dec. 17, 1926.

San-Duco

Particular description of goods.—Toilet Seats and Covers.
Claims use since Sept. 16, 1925.

Ser. No. 241,638. (CLASS 38. PRINTS AND PUBLICATIONS.) J. HENRY SCHRODER BANKING CORPORATION, New York, N. Y. Filed Dec. 17, 1926.

Finance and Trade
Commentary

Published monthly in the United States by

J. HENRY SCHRODER BANKING CORPORATION

Applicant disclaims all wording appearing on the drawing except the words " Finance and Trade Commentary."

Particular description of goods.—Financial Publication Issued Monthly.

Claims use since Aug. 13, 1926.

Ser. No. 241,707. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) J. EAVENSON & SONS, INC., Philadelphia, Pa., and Camden, N. J. Filed Dec. 20, 1926.



The words "French Process Cold Cream Soap" are disclaimed apart from the mark shown.

Particular description of goods.—Soap.

Claims use since Apr. 28, 1925.

Ser. No. 241,788. (CLASS 39. CLOTHING.) QUEEN DRESS & SKIRT COMPANY, Milwaukee, Wis. Filed Dec. 21, 1926.

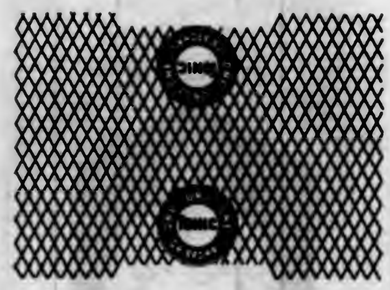


The word "Frocks" is disclaimed apart from the other features of the mark shown in the drawing.

Particular description of goods.—Dresses and Frocks for Women and Children.

Claims use since April, 1921.

Ser. No. 241,794. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) SCHONEBERGER & NOBLE, INC., New York, N. Y. Filed Dec. 21, 1926.



No claim is made to the exclusive use of the word "Tonic" apart from the mark shown in the drawing.

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks—Namely, Celery Tonic and Sarsaparilla.

Claims use since Mar. 16, 1906.

Ser. No. 241,861. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) W. G. BLOCK COMPANY, Davenport, Iowa. Filed Dec. 23, 1926.



Exclusive use of the representation of a coal hod and the word "Coal" are disclaimed.

Particular description of goods.—Coal.

Claims use since 1906.

Ser. No. 241,888. (CLASS 39. CLOTHING.) THE C. A. MANNINO SHOE COMPANY, Meriden and Waterbury, Conn. Filed Dec. 23, 1926.



Particular description of goods.—Men's and Women's Shoes of Leather, Satin, Canvas, and Other Fabrics, Slippers of Leather and Felt, Hosiery, Rubbers, Rubber Boots, and Arctics.

Claims use since Nov. 4, 1924.

Ser. No. 241,922. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) BUEGELEISEN & JACOBSON, New York, N. Y. Filed Dec. 24, 1926.



No claim is made herein to the letters "N. Y." apart from the mark shown in the drawing.

Particular description of goods.—Ukuleles, Ukulele Banjos, Banjos, Tenor Banjos, Guitar Banjos, Mandolins, Lute Mandolins, and Guitars.

Claims use since Oct. 1, 1926.

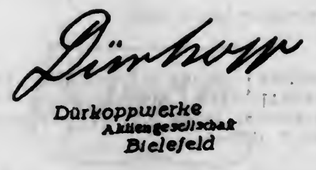
Ser. No. 241,931. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CULTURED COFFEE CORPORATION, St. Louis, Mo. Filed Dec. 24, 1926.

RX

Particular description of goods.—Cultured Coffee.

Claims use since on or about Jan. 11, 1926.

Ser. No. 241,937. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) DÜRKOPPWERKE AKTIENGESELLSCHAFT, Bielefeld, Germany. Filed Dec. 24, 1926.



The mark consists of the term "Dürkopp" only, the other wording being disclaimed, said "Dürkopp" being a surname presented in the hand writing of a founder and predecessor in our business.

Particular description of goods.—Sewing Machines, Agricultural and Horticultural Machines and Parts Thereof, Fuel-Driven Motors, Clutches, Driving Gears, Ball Bearings, and Sewing-Machine Needles.

Claims use since June 2, 1926.

Ser. No. 241,951. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEO. T. MYERS & CO., Seattle, Wash. Filed Dec. 24, 1926. Under 10-year proviso.

ELLIOTT BAY

Particular description of goods.—Canned Salmon.

Claims use since 1892.

Ser. No. 241,956. (CLASS 39. CLOTHING.) PACIFIC HARVEST HAT COMPANY, Los Angeles, Calif. Filed Dec. 24, 1926.



Particular description of goods.—Men's, Women's, and Children's Hats.

Claims use since February, 1925.

Ser. No. 241,961. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BENEDIKT ROTTMAR, doing business as Be-Ro-Laboratory, Brooklyn, N. Y. Filed Dec. 24, 1926.



Particular description of goods.—Preparation for Reviving and Promoting the Better Functioning of the Organs and Nerves, Increasing Vitality, to Eliminate Causes and Consequences of Untimely Graying Hair,

and to Prevent Premature Old Age; Preparation for the Treatment of Hair and Scalp, for the Nourishment of the Scalp, and the Promotion of the Growth of the Hair; and a Medicinal Preparation for Preventing the Hardening of the Arteries.
Claims use since Nov. 15, 1926.

Ser. No. 241,974. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) YORK MANUFACTURING CO. INC., New York, N. Y. Filed Dec. 24, 1926.

BROADLIN

Particular description of goods.—Cloth in the Piece Comprised Entirely of Cotton, Cotton and Rayon, or Cotton and Silk Mixtures.
Claims use since October, 1924.

Ser. No. 242,039. (CLASS 39. CLOTHING.) BARKIN LEVIN CO., New York, N. Y. Filed Dec. 28, 1926.

LASSIE-MAID

Particular description of goods.—Ladies', Misses', and Small Women's Coats.
Claims use since Dec. 13, 1926.

Ser. No. 242,119. (CLASS 39. CLOTHING.) GIMBEL BROTHERS, INC., New York, N. Y. Filed Dec. 29, 1926.

KINGSWAY

Particular description of goods.—Men's and Boys' Suits Including Coats, Vests, and Trousers, and Men's and Boys' Overcoats.
Claims use since about July 1, 1924.

Ser. No. 242,226. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) CENTRAL POCAHONTAS COAL COMPANY, Welch, W. Va. Filed Dec. 31, 1926.

RADIO

Particular description of goods.—Coal.
Claims use since Dec. 1, 1926.

Ser. No. 242,263. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEON C. WILLS, doing business as Baldwin-Haggard Company, Philadelphia, Pa. Filed Dec. 31, 1926.

GELSADYNE

Particular description of goods.—Medicinal Anodyne and Sedative Tablet.
Claims use since Oct. 30, 1925.

Ser. No. 242,306. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAUSER MILL COMPANY, Treichlers, Pa. Filed Jan. 3, 1927.

Fairy Kist

Particular description of goods.—Cake and Pastry Flour.
Claims use since Nov. 15, 1926.

Ser. No. 242,374. (CLASS 38. PRINTS AND PUBLICATIONS.) THE HARROWER LABORATORY, INC., Wilmington, Del., and Glendale, Calif. Filed Jan. 5, 1927.

The HORMONE

Particular description of goods.—Monthly or Bimonthly Magazine.
Claims use since Jan. 1, 1925.

Ser. No. 242,384. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) ATOW MATSUOKA, doing business as Colonial Import Co., San Francisco, Calif. Filed Jan. 5, 1927.

LUCKY MANDARIN JADE

The word "Jade" is disclaimed except as used in connection with the balance of the mark as shown.
Particular description of goods.—Ornamental Pendants for Personal Wear.
Claims use since Dec. 3, 1926.

Ser. No. 242,393. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE REA-PATTERSON MILLING COMPANY, Coffeyville, Kans. Filed Jan. 5, 1927.

Gobbler

Particular description of goods.—Wheat Flour.
Claims use since Jan. 2, 1912.

Ser. No. 242,410. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BIROTO, INC., New York, N. Y. Filed Jan. 6, 1927.

Debs

Particular description of goods.—Face Powder, Face Creams, Face Packs, Toilet Waters, Rouges, Lip Sticks, Eyebrow Pencils, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Foot Powders, Bath Salts, Smelling Salts, Sachets, and Incense.
Claims use since Nov. 10, 1926.

Ser. No. 242,418. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ELMO, INC., Philadelphia, Pa. Filed Jan. 6, 1927.

Elmo

Particular description of goods.—Compounds for Cleaning the Hands and the Like, Shaving Creams to be Used Before Shaving, Shaving Sticks, Shaving Powders, Outfit Packages Containing Soap and Towel; Soap Powders for Bathing, Washing, and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soaps, Toilet Soaps, Soap Pastes, Washing Tablets, and Shampoo Soaps.
Claims use since 1907.

Ser. No. 242,442. (CLASS 39. CLOTHING.) SCHMITT-ORLOW COMPANY, Milwaukee, Wis. Filed Jan. 6, 1927.

Flexedge

Particular description of goods.—Overcoats.
Claims use since July 10, 1925.

Ser. No. 242,444. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SERV-US-LITE MANUFACTURING CO., Cleveland, Ohio. Filed Jan. 6, 1927.

SERV-US LITE

The word "Lite" on the drawing and specimens is disclaimed apart from the other features of the mark as shown by drawing.
Particular description of goods.—Automobile Trouble Lights.
Claims use since Dec. 15, 1926.

Ser. No. 242,452. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) UNIT STOVE & FURNACE CO., Belleville, Ill., and North Birmingham, Ala. Filed Jan. 6, 1927.

UNIT

Particular description of goods.—Ranges, Stoves, and Furnaces Burning Coal, Wood, and Gas as Fuels.
Claims use since May, 1920.

Ser. No. 242,459. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WAUKEGAN CHEMICAL COMPANY, North Chicago, Ill. Filed Jan. 6, 1927.



Trade-mark consists of the word symbol "Flexo."
Particular description of goods.—Solutions of Nitrocellulose Yielding Film Coatings Impervious to Moisture and Air.
Claims use since June 18, 1919.

Ser. No. 242,501. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JAMES C. RAMSEY, Roswell, N. Mex. Filed Jan. 7, 1927.

-YUCCA-

Particular description of goods.—Friction Fire Starter Used by Boy Scouts, Campers, and Tourists.
Claims use since May, 1925.

Ser. No. 242,548. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PRO-GROW PROCESS CO., Minneapolis, Minn. Filed Jan. 8, 1927.



The drawing is lined to indicate the colors blue and gold.
Particular description of goods.—Hair and Scalp Ointment.
Claims use since Nov. 1, 1926.

Ser. No. 242,575. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) DIAMOND BRAIDING MILLS, Chicago Heights, Ill. Filed Jan. 10, 1927.



The words "Quality Cords" and the representation of the goods are disclaimed apart from the mark shown.
Particular description of goods.—Rubber-Covered Insulated Wire.
Claims use since Sept. 15, 1923.

Ser. No. 242,582. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JACOB W. FIELD, doing business as Cigar Stores Novelty Co., Peoria, Ill. Filed Jan. 10, 1927.



The drawing is lined for red and green.
Particular description of goods.—Dice Boxes.
Claims use since about Dec. 1, 1926.

Ser. No. 242,623. (CLASS 37. PAPER AND STATIONERY.) SALZ BROS., INC., New York, N. Y. Filed Jan. 10, 1927.

TRIUMPH

Particular description of goods.—Fountain Pens and Pencils.
Claims use since Mar. 1, 1922.

Ser. No. 242,663. (CLASS 39. CLOTHING.) PHILIP GOLDSTEIN INC., New York, N. Y. Filed Jan. 11, 1927.

PEECHEE
TOGS

No claim is made to the exclusive use of the word "Togs" apart from the mark shown on the drawing.
Particular description of goods.—Boys' Suits.
Claims use since about December, 1924.

Ser. No. 242,730. (CLASS 39. CLOTHING.) D. T. LANGROCK, INC., New Haven, Conn. Filed Jan. 12, 1927.

TAD

Particular description of goods.—Hats and Caps for Men.
Claims use since Feb. 1, 1920.

Ser. No. 242,745. (CLASS 39. CLOTHING.) F. A. PATRICK & Co., Duluth, Minn. Filed Jan. 12, 1927.

ARROWHEAD COAT

Applicant disclaims exclusive use of the word "Coat" apart from the mark shown in the drawing.
Particular description of goods.—Women's, Misses', and Girls' Coats.
Claims use since Oct. 22, 1926.

Ser. No. 242,756. (CLASS 32. FURNITURE AND UPHOLSTERY.) SHUSTER SPECIALTY MANUFACTURING COMPANY, Philadelphia, Pa. Filed Jan. 12, 1927.

SYMPLEX FOLDING FURNITURE

No claim is made to the words "Folding Furniture" apart from the other features of the mark.
Particular description of goods.—Folding Cots, Folding Tables, and Folding Chairs.
Claims use since Mar. 1, 1926.

Ser. No. 242,776. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CO-OPERATIVE WHOLESALE SOCIETY, LIMITED, Manchester, England. Filed Jan. 13, 1927.



Applicant is the owner of registrations 25,624, 197,650, and 205,226. No claim is made to the exclusive use of the words "West of England" apart from the mark shown in the drawing.
Particular description of goods.—Woolen Piece Goods.
Claims use since Oct. 7, 1926.

Ser. No. 242,783. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HOOPESTON CANNING CO., Hoopeston, Ill. Filed Jan. 13, 1927.

KOHINOOR

Particular description of goods.—Canned Vegetables.
Claims use since Sept. 4, 1897.

Ser. No. 242,784. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE HUDON CO., Buffalo, N. Y. Filed Jan. 13, 1927.

HOOD'S
Oldtime

Except as used in connection with the word "Oldtime" and/or other features of applicant's mark, exclusive use of the surname "Hood's" is disclaimed.
Particular description of goods.—Carbonated Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks.
Claims use since Nov. 27, 1926.

Ser. No. 242,790. (CLASS 45. BEVERAGES, NONALCOHOLIC.) MERCER BOTTLING CO., Trenton, N. J. Filed Jan. 13, 1927.

LEM-AID

"Lem-Aid."

Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks.

Claims use since Jan. 2, 1926.

Ser. No. 242,830. (CLASS 39. CLOTHING.) THE HECHT CO., Washington, D. C., doing business as The Hub, Baltimore, Md. Filed Jan. 14, 1927.

Wakely

No claim is made to the word "Wakely" apart from the mark shown in the drawing.

Particular description of goods.—Men's and Boys' Suits and Dress Suits, Including Coats, Vests, and Trousers, and Men's and Boys' Topcoats and Overcoats.

Claims use since Nov. 5, 1926.

Ser. No. 242,843. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. R. MUNN, INC., doing business as Prevent-O-Clasia Co., Atlanta, Ga., and New York, N. Y. Filed Jan. 14, 1927.

PREVENT-O-CLASIA

Particular description of goods.—Tooth Paste.

Claims use since Jan. 1, 1900.

Ser. No. 242,869. (CLASS 32. FURNITURE AND UPHOLSTERY.) JOHN WANAMAKER NEW YORK, New York, N. Y. Filed Jan. 14, 1927.

BELMAISON

The lining of drawing is for shading only.

Particular description of goods.—Reproductions of Antique Furniture—Namely, Tables, Chairs, Stools, Benches, Beds, Dressers, Chests, Desks, Bookcases, Mirrors, Screens.

Claims use since Aug. 1, 1919.

Ser. No. 242,870. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE J. R. WATKINS COMPANY, Winona, Minn. Filed Jan. 14, 1927.

WATKO

Particular description of goods.—Hog Mineral Ration, Poultry Mineral Ration, and Livestock Mineral Ration.

Claims use since Dec. 8, 1926.

Ser. No. 242,964. (CLASS 38. PRINTS AND PUBLICATIONS.) THE PETS PUBLISHING COMPANY, Cleveland, Ohio. Filed Jan. 17, 1927.

PETS

Particular description of goods.—Monthly Publication.

Claims use since December, 1925.

Ser. No. 242,986. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THEODORE J. CUMMINGS, Los Angeles, Calif. Filed Jan. 18, 1927.

Duotone TWO IN ONE TRADE MARK

No claim is made to the words "Two in One" and "Trade-Mark" as well as the representation of the goods.

Particular description of goods.—Electric Magnetic Belts.

Claims use since Nov. 1, 1926.

Ser. No. 243,012. (CLASS 39. CLOTHING.) PENN LEATHER COMPANY, Philadelphia, Pa. Filed Jan. 18, 1927.

PENN LEATHER ACE TANNAGE

Applicant disclaims exclusive right to the phrase "Penn Leather Tannage" except in combination with the design as shown.

Particular description of goods.—Leather Soles, Tap Soles, Half Soles, and Slip Soles.

Claims use since Sept. 13, 1926.

Ser. No. 243,014. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ARTHUR S. POPE, Santa Barbara, Calif. Filed Jan. 18, 1927.

PRINTAPRIMER

Particular description of goods.—Educational Kindergarten Devices Consisting of a Series of Rubber Stamps for Letters and Words Arranged in Parallel Rows in a Box.

Claims use since Dec. 22, 1926.

Ser. No. 243,028. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) WASMUTH-ENDICOTT COMPANY, Andrews, Ind. Filed Jan. 18, 1927.

KITCHEN MAID

Particular description of goods.—Ironing Boards.

Claims use since Nov. 8, 1922.

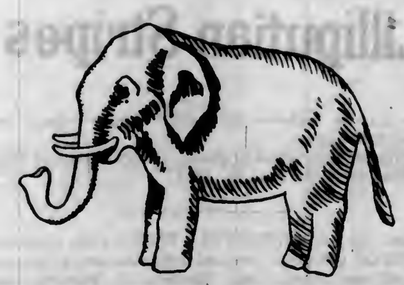
Ser. No. 243,030. (CLASS 31. FILTERS AND REFRIGERATORS.) WASMUTH-ENDICOTT COMPANY, Andrews, Ind. Filed Jan. 18, 1927.

KITCHEN MAID

Particular description of goods.—Refrigerators.

Claims use since Feb. 24, 1925.

Ser. No. 243,039. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) EDWARD B. DICKINSON, INC., New York, N. Y. Filed Jan. 19, 1927.



CEYLON IVORY

No claim is made to the words "Ceylon Ivory" apart from the mark shown.

Particular description of goods.—Earthenware Tableware.

Claims use since Aug. 20, 1925.

Ser. No. 243,078. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE ARCO COMPANY, Cleveland, Ohio. Filed Jan. 20, 1927.

ARCOZON

Particular description of goods.—Lacquers.

Claims use since March, 1924.

Ser. No. 243,108. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CLARKE D. PEASE INC., New York, N. Y. Filed Jan. 20, 1927.

The trade-mark consists of the monogram "HS" within a circle.

Particular description of goods.—Automobile, Motor-Boat, and Aeroplane Motors and Spare Parts Thereof.

Claims use since 1917.

Ser. No. 243,123. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) WHEELOCK, LOVEJOY & COMPANY, INC., Cambridge, Mass.; New York, N. Y.; Cleveland, Ohio, and Chicago, Ill. Filed Jan. 20, 1927.

WHELCO

Particular description of goods.—Metals and Metal Castings and Forgings, Specifically Iron and Tool Steels, Machinery Steels, and Alloy and Other Steels in Bars, Shapes, Sheets, Strips, Forgings, and Castings.

Claims use since February, 1921.

Ser. No. 243,124. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) WHEELOCK, LOVEJOY & COMPANY, INC., Cambridge, Mass.; New York, N. Y.; Cleveland, Ohio, and Chicago, Ill. Filed Jan. 20, 1927.

HY-TEN

Particular description of goods.—Metals and Metal Castings and Forgings, Specifically Upon Iron and Tool Steels, Machinery Steels, and Alloy and Other Steels in Bars, Shapes, Sheets, Strips, Forgings, and Castings.

Claims use since Jan. 1, 1911.

Ser. No. 243,146. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass. and Cudahy, Wis. Filed Jan. 21, 1927.

Time to Re-tire?

Particular description of goods.—Soapstone, Uncured Sheet Rubber for Use in Tire Repairing, Uncured Camel-Back Rubber Stock for Use in Tire Repairing, Uncured Sheet Rubber With Vulcanized Backing, and Tire-Flap Material.

Claims use since 1914.

Ser. No. 243,163. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MASCO DRUG CORPORATION, Lynn, Mass. Filed Jan. 21, 1927.

DR. CHURCHILL'S
EMULSIFIED
GUM SYRUP



No claim is made to the words "Dr. Churchill's" and "Emulsified Gum Syrup" apart from the mark shown in the drawing.

Particular description of goods.—Medicine for the Relief of Coughs, Colds, Whooping Cough, Asthmatic, Bronchial, and Pulmonary Troubles, and Weak Lungs.

Claims use since Aug. 1, 1920.

Ser. No. 243,177. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) SNAPPLE SERVICE MANUFACTURING COMPANY, Yakima, Wash. Filed Jan. 21, 1927.

snapple
SERVER

Applicant disclaims the use of the word "Server" apart from the mark shown.

Particular description of goods.—Apple-Vending Machines.

Claims use since Dec. 22, 1926.

Ser. No. 243,181. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WOOD FLONG CORPORATION, New York, N. Y. Filed Jan. 21, 1927.

METROPOLITAN

Particular description of goods.—Stereotype Mats or Matrices.

Claims use since November, 1925.

Ser. No. 243,186. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE ALBERT DICKINSON COMPANY, Chicago, Ill. Filed Jan. 22, 1927.

CLUB GREEN

Particular description of goods.—Lawn-Grass Seeds.

Claims use since Sept. 15, 1926.

Ser. No. 243,197. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHAMPION ANIMAL FOOD CO., Minneapolis, Minn. Filed Jan. 22, 1927.



The representation of the dog biscuit does not form a part of the registration sought nor do the words "Dog Biscuit" apart from the mark shown.

Particular description of the goods.—Dog Foods.

Claims use since Apr. 1, 1903.

Ser. No. 243,209. (CLASS 39. CLOTHING.) HART, SCHAFFNER & MARX, Chicago, Ill. Filed Jan. 22, 1927.

Lilliputian Stripes

No claim is made to the word "Stripes" apart from the mark as shown.

Particular description of goods.—Men's Suits and Coats.

Claims use since Jan. 13, 1927.

Ser. No. 243,240. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOCIETÁ GENERALE DELLE CONSERVE ALIMENTARI CIRIO, San Giovanni a Teduccio, near Naples, Italy. Filed Jan. 22, 1927. Under 10-year proviso.

CIRIO

Particular description of goods.—Preserved Fruits and Preserved Vegetables.

Claims use since May 26, 1889.

Ser. No. 243,244. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) VIMCO MFG. COMPANY, INC., Buffalo, N. Y. Filed Jan. 22, 1927.

BEND-O-LITE

Particular description of goods.—Portable Electric Lamps.

Claims use since Dec. 4, 1926.

Ser. No. 243,416. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRESNO GRAPE DISTRIBUTORS, Fresno, Calif. Filed Jan. 24, 1927.

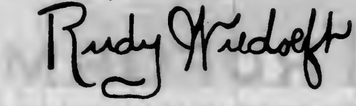


The portraits in the drawing are of the children of Aram Saroyan, member of the copartnership signing the application, whose consent is given.

Particular description of goods.—Fresh Grapes.

Claims use since Sept. 1, 1926.

Ser. No. 243,287. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) H. & A. SELMER, INC., New York, N. Y. Filed Jan. 24, 1927.



The mark is the facsimile signature of Rudy Wiedoeft.

Particular description of goods.—Clarinet and Saxophone Reeds and Saxophone Mouthpieces.

Claims use since April, 1926.

Ser. No. 243,311. (CLASS 32. FURNITURE AND UPHOLSTERY.) HOLLAND FURNITURE COMPANY, Holland, Mich. Filed Jan. 25, 1927.



Particular description of goods.—Bedroom Furniture Made of Wood, Including Beds, Dressers, Chiffoniers, Tables, and Chairs.

Claims use since July, 1926.

Ser. No. 243,323. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE PAPER NOVELTY COMPANY, Green Bay, Wis. Filed Jan. 25, 1927.

Luxuria

Particular description of goods.—Sanitary Napkins.

Claims use since Oct. 1, 1926.

Ser. No. 243,333. (CLASS 12. CONSTRUCTION MATERIALS.) WESTERN PINE MANUFACTURERS ASSOCIATION, Portland, Oreg. Filed Jan. 25, 1927.

IWP

Particular description of goods.—Lumber, Woodwork, and Lath.

Claims use since Aug. 1, 1926.

Ser. No. 243,349. (CLASS 39. CLOTHING.) COMBINE HOSIERY CORPORATION, Wilmington, Del., and New York, N. Y. Filed Jan. 26, 1927.

TRE ZUR

Particular description of goods.—Hosiery.

Claims use since Jan. 3, 1927.

Ser. No. 243,403. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) WALKER OIL BURNER CORP., St. Louis, Mo. Filed Jan. 26, 1927.



The word "Automatic" is disclaimed apart from the mark as shown.

Particular description of goods.—Oil Burners.

Claims use since June 1, 1926.

Ser. No. 243,404. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE WELKER-HOOPS MANUFACTURING COMPANY, Middletown, Conn. Filed Jan. 26, 1927.

Welco

Particular description of goods.—Gasoline Gauges.

Claims use since April, 1923.

Ser. No. 243,414. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) CALEDONIA CELLULOSE COMPANY, INC., New York, N. Y. Filed Jan. 27, 1927.

WILLOW-PACS

No claim is made to the exclusive use of the word "Pacs" apart from the mark as shown in the drawing. Trade-mark "Willow-Pacs."

Particular description of goods.—Sanitary Napkins.

Claims use since March, 1925.

Ser. No. 243,416. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN D. CHILDS, doing business as Blue Ribbon Products Company, Reading, Pa. Filed Jan. 27, 1927.

Tip-Top

Particular description of goods.—Chocolate-Flavored Malted Milk.

Claims use since Nov. 1, 1926.

Ser. No. 243,417. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) COLGATE & COMPANY, Jersey City N. J., and New York, N. Y. Filed Jan. 27, 1927.



Exclusive use of the word "Grip" is disclaimed except in connection with the word "Handy." The lining of drawing denotes the color blue. No claim is made to the exclusive use of the representation of a carton or to the words appearing upon said trade-mark other than "Colgate's, Colgate & Co., Handy-Grip."

Particular description of goods.—Shaving Stick and Shaving Soap.

Claims use since Nov. 5, 1926.

Ser. No. 243,448. (CLASS 38. PRINTS AND PUBLICATIONS.) MONWARD REALTY CO., St. Louis, Mo. Filed Jan. 27, 1927.

Your Building

Particular description of goods.—Monthly Publication.

Claims use since January, 1924.

Ser. No. 243,464. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) VESTAL CHEMICAL CO., St. Louis, Mo. Filed Jan. 27, 1927.



Particular description of goods.—Protective Cleanser and Scrubbing Compound for Floors, Floor Coverings, Walls, Woodwork, and Furniture.

Claims use since May, 1924.

Ser. No. 243,479. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE CINCINNATI TRUSS COMPANY, Cincinnati, Ohio. Filed Jan. 28, 1927.

TRUFORM

Particular description of goods.—Shoulder Braces.

Claims use since about Aug. 1, 1908.

Ser. No. 243,500. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PYRENE MANUFACTURING COMPANY, Newark, N. J. Filed Jan. 28, 1927.

706 TRADE MARK 143

No claim is made to the word "Trade-Mark."

Particular description of goods.—Portable Fire Extinguishers.

Claims use since Jan. 15, 1927.

Ser. No. 243,503. (CLASS 39. CLOTHING.) E. T. SLATTERY COMPANY, Boston, Mass. Filed Jan. 28, 1927.

GlenBogie

Particular description of goods.—Women's, Misses', and Children's Dresses, Scarfs, Hats; Leather, Woolen, and Knitted Fabric Gloves; and Leather Coats and Jackets.

Claims use since Mar. 6, 1922.

Ser. No. 243,506. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) STANDARD MUSICAL STRING & MFG. CORP., New York, N. Y. Filed Jan. 28, 1927.



No claim is made to exclusive right to the use of the word "Brand" nor to the representation of a musical instrument apart from the mark shown.

Particular description of goods.—Strings for Fretted Musical Instruments.

Claims use since Jan. 7, 1927.

Ser. No. 243,515. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WAPPAT GEAR WORKS, Pittsburgh, Pa. Filed Jan. 28, 1927.



No claim is made to the printed matter shown in the drawing aside from the word "Alta." The drawing is lined to show the printing in the color of brass on a black background.

Particular description of goods.—Lock Mortisers, Stair Routers, Power Saws, and Power Planes.

Claims use since June 30, 1928.

Ser. No. 243,520. (CLASS 38. PRINTS AND PUBLICATIONS.) AMERICAN LITHOGRAPHIC COMPANY, New York, N. Y. Filed Jan. 29, 1927.

COLOR ETCH

Particular description of goods.—Advertising Posters.

Claims use since Dec. 21, 1926.

Ser. No. 243,544. (CLASS 39. CLOTHING.) GOTHAM SILK HOSIERY COMPANY, INC., New York, N. Y. Filed Jan. 29, 1927.

TAPERTEX

Particular description of goods.—Hosiery.

Claims use since Dec. 13, 1926.

Ser. No. 243,550. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) LES-GO, INC., Tampa, Fla. Filed Jan. 29, 1927.



Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink.

Claims use since Sept. 1, 1926.

Ser. No. 243,564. (CLASS 39. CLOTHING.) SHUKOVSKY & GOLDBERG, Brooklyn, N. Y. Filed Jan. 29, 1927.



Application disclaims the right to the exclusive use of the phrase "Wear-Best."

Particular description of goods.—Men's Leather Slippers.

Claims use since Sept. 1, 1926.

Ser. No. 243,567. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) STRAUSS HARMONICA COMPANY, INC., New York, N. Y. Filed Jan. 29, 1927.

REPRODUCER

Particular description of goods.—Mouth Harmonicas.
Claims use since about Dec. 27, 1926.

Ser. No. 243,581. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BAYLE FOOD PRODUCTS CO., St. Louis Mo. Filed Jan. 31, 1927.

ACORN

Particular description of goods.—Salad Dressing.
Claims use since on or about Oct. 15, 1914.

Ser. No. 243,606. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LESLIE A. HOUSE, doing business as No-Tum-Suk Company, Unincorporated, Elmhurst, Ill. Filed Jan. 31, 1927.

NO-TUM-SUK

Particular description of goods.—Preparation to Cure Finger Sucking and Finger-Nail Biting.
Claims use since Jan. 13, 1927.

Ser. No. 243,611. (CLASS 39. CLOTHING.) S. LIEBOVITZ & SONS, INC., New York, N. Y. Filed Jan. 31, 1927.

"STAY PUT"

Particular description of goods.—Dress and Negligee Shirts.
Claims use since July 15, 1926.

Ser. No. 243,617. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) MIDWEST STEEL & SUPPLY COMPANY, INC., New York, N. Y. Filed Jan. 31, 1927.

VENTEX

"Ventex."
Particular description of goods.—Safety Filling Attachments and Valves for Cans, Tanks, and Other Containers for Explosive Fluids.
Claims use since Nov. 26, 1925.

Ser. No. 243,619. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE OUTSIDE ARCH INC., Washington, D. C. Filed Jan. 31, 1927.

KEE-FUT

Particular description of goods.—Arch Supporters.
Claims use since Nov. 3, 1926.

Ser. No. 243,653. (CLASS 37. PAPER AND STATIONERY.) HOLYOKE CARD & PAPER COMPANY, Springfield, Mass. Filed Feb 1, 1927.

RANGER

Particular description of goods.—Writing and Printing Paper.
Claims use since Sept. 27, 1921.

Ser. No. 243,667. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) UMBERTO SORRENTINO, Jersey City, N. J. Filed Feb. 1, 1927.



Particular description of goods.—Olive Oil.
Claims use since June 11, 1926.

Ser. No. 243,671. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANCIS M. STIPE, doing business as Stipe Chemical Co., Newton, Kans. Filed Feb. 1, 1927.

Dr. Stipe's
BALMOLA

Particular description of goods.—Ointment for Colds, Coughs, Croup, Sore Throat, Influenza, Pneumonia, Pleurisy, Bronchitis, Tonsillitis, Asthma, Rheumatism, Sprains, Bruises, Headaches, Neuralgia, Burns, Bites, Chilblains, and Aching Feet.
Claims use since Jan. 1, 1927.

Ser. No. 243,673. (CLASS 45. BEVERAGES, NONALCOHOLIC.) JAMES FREDERICK SUGDEN, Cleveland, Ohio. Filed Feb. 1, 1927.



The words "Original and Only Genuine U. S. Certified Food Color" are hereby disclaimed apart from the mark shown.
Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink.
Claims use since Apr. 1, 1926.

Ser. No. 243,674. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THOMPSON SPRING CORPORATION, Wilmington, Del. Filed Feb. 1, 1927.

HYDRAULICATOR

Particular description of goods.—Shock Absorbers, Rebound Restrainers, and Springs for Vehicles.
Claims use since about Dec. 15, 1923.

Ser. No. 243,690. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DEKLE INVESTMENT COMPANY, INC., Tampa, Fla. Filed Feb. 2, 1927.



No claim is made to the words "Ice Cream Circles" appearing on the drawing. No claim is made to color.
Particular description of goods.—Ice Cream and Ice-Cream Novelties.
Claims use since Jan. 29, 1927.

Ser. No. 243,699. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) WILLIAM E. GREENE, doing business as The Wills Products Company, New York, N. Y. Filed Feb. 2, 1927.

WIL-LITE

Particular description of goods.—Dry, Paste, and Ready-Mixed Paints, Paint Enamels, Floor Polish, Furniture Polish, and Cleansers—To Wit, a Polishing and Cleansing Oil for Furniture, Floors, and Similar Surfaces.
Claims use since Apr. 24, 1925.

Ser. No. 243,700. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) EMANUEL HAMMERLING, doing business as Eastern Trading Co., New York, N. Y. Filed Feb. 2, 1927.

"SNUGGLES"

Particular description of goods.—Ladies' Bags.
Claims use since about Jan. 1, 1927.

Ser. No. 243,706. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROSE H. T. KAMANOWICZ, Brooklyn, N. Y. Filed Feb. 2, 1927.

CHOLEKINAZA

Particular description of goods.—Medicinal Herbs from Which a Decoction is to be Made to be Taken Internally for the Improvement of the Condition of the Blood and Liver.
Claims use since prior to year 1915.

Ser. No. 243,729. (CLASS 37. PAPER AND STATIONERY.) THE TUTTLE PRESS COMPANY, Appleton, Wis. Filed Feb. 2, 1927.

PHEASANT

"Pheasant."
Particular description of goods.—Crepe Paper.
Claims use since Jan 14. 1927.

Ser. No. 243,759. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE HANCE MANUFACTURING CO., Westerville, Ohio. Filed Feb. 3, 1927.

LAX-A-CHU

Particular description of goods.—Laxative Tablets.
Claims use since on or about Jan. 3, 1927.

Ser. No. 243,810. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. F. HOUGHTON & Co., Philadelphia, Pa. Filed Feb. 4, 1927.

FULL-SCOUR

Particular description of goods.—Compounds for the Fulling and Scouring of Woolen, Worsted, and Other Textiles, Both Raw and Finished Materials.
Claims use since Feb. 21, 1924.

Ser. No. 243,827. (CLASS 37. PAPER AND STATIONERY.) THE PATERSON PARCHMENT PAPER CO., Passaic, N. J. Filed Feb. 4, 1927.

Durapak

The mark consists of the word "Durapak."
Particular description of goods.—Paper Employed as a Lining for Vegetable Crates, Cut-Flower Containers, and for Like Purposes.
Claims use since on or about Jan. 15, 1927.

Ser. No. 243,830. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) REX RESEARCH CORPORATION, Toledo, Ohio. Filed Feb. 4, 1927.

MURI-TOX

Particular description of goods.—Rodent Exterminator.
Claims use since Jan. 20, 1927.

Ser. No. 243,851. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HERBERT F. GALOW, doing business as Hyo-San Laboratories, Detroit, Mich. Filed Feb. 5, 1927.

HYO-SAN

Particular description of goods.—Body Deodorant and Antiseptic.
Claims use since Jan. 20, 1927.

Ser. No. 243,876. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OLIVE PRODUCTS COMPANY, Oroville, Calif. Filed Feb. 5, 1927.

GOLDEN FEATHER

Particular description of goods.—Canned Olives and Olive Oil.
Claims use since 1922.

Ser. No. 243,896. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TOLOMA CREAMERY, Los Angeles, Calif. Filed Feb. 5, 1927.

GOLDEN BLOSSOM

Particular description of goods.—Butter.
Claims use since Jan. 21, 1927.

Ser. No. 243,950. (CLASS 37. PAPER AND STATIONERY.) HOPPER PAPER COMPANY, Taylorville, Ill. Filed Feb. 7, 1927.

WATER WEAVE

Particular description of goods.—Writing Paper.
Claims use since December, 1923.

Ser. No. 243,955. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAPLE GROVE CANDIES, INC., St. Johnsbury, Vt. Filed Feb. 7, 1927.

SPRING MORNING

Particular description of goods.—Sirup and Sugar Made from Maple and Cane Sugar.
Claims use since on or about Dec. 28, 1926.

Ser. No. 243,983. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THERMWOOL PRODUCTS CO. INC., New York, N. Y. Filed Feb. 7, 1927.

FLEXOMOLD

Particular description of goods.—Electrical Conduit Having a Nonmetallic Sheath.
Claims use since Nov. 1, 1926.

Ser. No. 243,992. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) BAUSCH AND LOMB OPTICAL COMPANY, Rochester, N. Y. Filed Feb. 8, 1927.

ETRUSCAN

Particular description of goods.—Ophthalmic Mountings and Parts Thereof.
Claims use since about January, 1926.

Ser. No. 243,998. (CLASS 37. PAPER AND STATIONERY.) THE CINCINNATI ART PUBLISHING COMPANY, Cincinnati, Ohio. Filed Feb. 8, 1927.

STANRIGHT

Particular description of goods.—Paper Easel Supports for Art Cards.
Claims use since Jan. 3, 1927.

Ser. No. 244,015. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) JOHNSON BELTING COMPANY, INC., New York, N. Y. Filed Feb. 8, 1927.

HIRSUTE

Particular description of goods.—Leather Belting.
Claims use since Jan. 3, 1926.

Ser. No. 244,042. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BECKWITH COMPANY, Reedley, Calif. Filed Feb. 9, 1927.

KADOA

Particular description of goods.—Canned Fruit—Namely, Figs.
Claims use since Oct. 1, 1926.

Ser. No. 244,073. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HIGHLAND FRUIT GROWERS ASSOCIATION, Highland, Calif. Filed Feb. 9, 1927.

HIGHLAND GROVE

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since 1905.

Ser. No. 244,074. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RICHARD HUDNUT, New York, N. Y. Filed Feb. 9, 1927.

LES CASCADES

Particular description of goods.—Perfume and Toilet Water, Talcum Powder, Face Powder, Tooth Powder, Bath Powder, Bath Salts, Tooth Paste, Sachet, Almond Meal, Cream Rouge, Vanishing Cream, Cold Cream, Skin and Tissue Cream, Headache Cologne, Smelling Salts, Lip Sticks, and Toilet Cerate.
Claims use since Jan. 15, 1927.

Ser. No. 244,081. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LEXINGTON ROLLER MILLS CO., INC., Lexington, Ky. Filed Feb. 9, 1927.



Particular description of goods.—Plain and Self-Rising Wheat Flour.
Claims use since Jan. 6, 1927.

Ser. No. 244,102. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) THE PALAIS ROYAL, INC., Washington, D. C. Filed Feb. 9, 1927.



The words "Washington, D. C." are disclaimed. The representation of a woman is a fanciful picture.
Particular description of goods.—Automobile Trunks, Traveling Bags and Suitcases, Telescope Bags, Hand Bags, Leather Bags, Pocketbooks, Leather Cases, Purses, Portfolios, Traveling Toilet Cases, Mesh Bags Not of Precious Metal, Trunks, Valises, Vanities, Wallets.
Claims use since Jan. 21, 1927.

Ser. No. 244,103. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Feb. 9, 1927.

ADROCAINE

"Adrocaine."
Particular description of goods.—Local Anæsthetic and Hypodermic Tablets.
Claims use since Dec. 1, 1926.

Ser. No. 244,110. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCOTT COUNTY MILLING COMPANY, Sikeston, Mo. Filed Feb. 9, 1927.

AERIAL

Particular description of goods.—Wheat Flour.
Claims use since 1902.

Ser. No. 244,114. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. R. SQUIBB & SONS, New York, N. Y. Filed Feb. 9, 1927.

CHOCO-MUL

"Choco-Mul."
Particular description of goods.—Castor-Oil Emulsion.
Claims use since Jan. 4, 1927.

Ser. No. 244,116. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) TWINKLEX FLASHER COMPANY, San Francisco, Calif. Filed Feb. 9, 1927.

TWINKLEX

Particular description of goods.—Electrical Apparatus, Particularly Flasher Buttons.
Claims use since about Sept. 15, 1926.

Ser. No. 244,117. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) TWINKLEX, FLASHER COMPANY, San Francisco, Calif. Filed Feb. 9, 1927.



Particular description of goods.—Electrical Apparatus, Particularly Flasher Buttons.
Claims use since about Sept. 15, 1926.

Ser. No. 244,118. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WALBERT MANUFACTURING COMPANY, INC., Chicago, Ill. Filed Feb. 9, 1927.

"PITCH EM"

Particular description of goods.—Toy Horseshoe Games.
Claims use since April, 1915.

Ser. No. 244,131. (CLASS 37. PAPER AND STATIONERY.) ADOLPH BULOVA, New York, N. Y. Filed Feb. 10, 1927.

SILKTEX

Particular description of goods.—Toilet Paper.
Claims use since Feb. 1, 1927.

Ser. No. 244,132. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BUSER SILK CO. INC., New York, N. Y. Filed Feb. 10, 1927.

3080

The mark consists of the numerals "3080."
Particular description of goods.—Ribbons of Silk, Satin, Cotton, and Mixture Thereof.
Claims use since Jan. 10, 1925.

Ser. No. 244,146. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) W. I. FAYSSOUX, doing business as The Old North State Company, Gastonia, N. C. Filed Feb. 10, 1927.

TUF-TEX

Particular description of goods.—Hickory-Fiber Broom Splints for Filling Street-Sweeper Rolls and for Push Brooms.
Claims use since June, 1926.

Ser. No. 244,193. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE ALEXANDER B. STEWART ORGANIZATIONS, Los Angeles, Calif. Filed Feb. 10, 1927.

IL DUCE

Particular description of goods.—Canned Tunny.
Claims use since Nov. 22, 1926.

Ser. No. 244,229. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) HILLYARD CHEMICAL COMPANY, St. Joseph, Mo. Filed Feb. 11, 1927.

Floor-O-Lite

Particular description of goods.—Polishing Fluid for Floors.
Claims use since Mar. 1, 1926.

Ser. No. 244,259. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WASHBURN CROSBY COMPANY, Minneapolis, Minn. Filed Feb. 11, 1927.



Particular description of goods.—Semolina.
Claims use since Jan. 15, 1927.

Ser. No. 244,265. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) WORUMBO MANUFACTURING COMPANY, Bath, Me. Filed Feb. 11, 1927.

MUROW

Particular description of goods.—Woolen Goods in the Piece.
Claims use since Jan. 20, 1927.

Ser. No. 244,268. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa. Filed Feb. 12, 1927.

ALBRON

Particular description of goods.—Paint Pigments, Particularly Aluminum Bronze Powder.
Claims use since Jan. 5, 1927.

Ser. No. 244,269. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa. Filed Feb. 12, 1927.



Particular description of goods.—Paint Pigments, Particularly Aluminum Bronze Powder.
Claims use since Jan. 5, 1927.

Ser. No. 244,317. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Feb. 12, 1927.

FORCEFUL

Particular description of goods.—Wheat Flour.
Claims use since on or about Jan. 18, 1927.

Ser. No. 244,322. (CLASS 37. PAPER AND STATIONERY.) ROCHESTER PAPER CO., Rochester, Mich. Filed Feb. 12, 1927.

FLINTSTONE BLOTTING

Exclusive use of the word "Blotting" is not claimed apart from the mark shown.
Particular description of goods.—Blotting Paper.
Claims use since Dec. 28, 1926.

Ser. No. 244,323. (CLASS 37. PAPER AND STATIONERY.) ROCHESTER PAPER CO., Rochester, Mich. Filed Feb. 12, 1927.

WARRIOR BLOTTING

Exclusive use of the word "Blotting" is not claimed apart from the mark shown.
Particular description of goods.—Blotting Paper.
Claims use since Dec. 28, 1926.

Ser. No. 244,324. (CLASS 37. PAPER AND STATIONERY.) ROCHESTER PAPER CO., Rochester, Mich. Filed Feb. 12, 1927.

WIGWAM BLOTTING

Exclusive use of the word "Blotting" is not claimed apart from the mark shown.
Particular description of goods.—Blotting Paper.
Claims use since Dec. 28, 1926.

Ser. No. 244,340. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE ACME SHEAR COMPANY, Bridgeport, Conn. Filed Feb. 14, 1927.

AIR MAIL

Particular description of goods.—Scissors and Shears.
Claims use since Feb. 1, 1927.

Ser. No. 244,348. (CLASS 39. CLOTHING.) AMERICAN LADY CORSET CO., Detroit, Mich. Filed Feb. 14, 1927.

COMPOSETTE

Particular description of goods.—Ladies' Wearing Apparel—Namely, Corsets, Brassières, Girdles, Bandeaux, Corset Waists, Camisoles, Combinations of Brassières and Girdles, Brassières and Corsets, Brassières and Step-Ins, Brassières and Bloomers, Brassières and Petticoats, Combinations of Brassières, Girdles, Vests, and Step-Ins; Brassières, Corsets, and Petticoats; Brassières, Girdles, and Bloomers; Brassières, Girdles, and Drawers; Ladies' Vests, Chemises, Step-Ins; Women's, Misses', and Children's Knitted and Woven Underwear in One, Two, and Three Piece Garments; Ladies' Wearing Apparel—Namely, Cloaks, Capes, Wraps, Dresses, Gowns, Hats, Boudoir Caps, Bath Robes, Gloves of Knitted, Textile, or Leather, Hosiery, Negligees, Pyjamas, Slips, Kimonos, Dressing Sacks, Petticoats, Tunics, Sport Skirts, Blouses, and Middies.
Claims use since Feb. 1, 1927.

Ser. No. 244,348. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) CENTRAL MALT PRODUCTS COMPANY, Detroit, Mich. Filed Feb. 14, 1927.

Central BRAND

Disclaimer is made of the words "Brand" and "100% Pure" apart from the mark shown.
Particular description of goods.—Malt Extract.
Claims use since Jan. 1, 1924.

Ser. No. 244,386. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) ARDO ASBESTOS & RUBBER CORPORATION, Pittsburgh, Pa. Filed Feb. 15, 1927.

POWERITE

Particular description of goods.—Compressed Asbestos Sheet Packing.
Claims use since Mar. 1, 1924.

Ser. No. 244,409. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LILLIE MILL COMPANY, Franklin, Tenn. Filed Feb. 15, 1927.

SILVER LEAF

Particular description of goods.—Plain and Self-Rising Flour.
Claims use since 1869.

Ser. No. 244,413. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PROSPECT OPERATIONS, INC., Newark, N. J. Filed Feb. 15, 1927.

PEQUIN

Particular description of goods.—Paintbrushes.
Claims use since about Oct. 18, 1926.

Ser. No. 244,414. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCHWARZ & SON, Newark, N. J. Filed Feb. 15, 1927.

PENNYANTE

Particular description of goods.—Candy.
Claims use since Nov. 1, 1926.

Ser. No. 244,429. (CLASS 45. BEVERAGES, NONALCOHOLIC.) M. A. COPELAND, doing business as Brunswick Coca Cola Bottling Co., Brunswick, Ga. Filed Feb. 16, 1927.

Big Hit

"Big Hit."
Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks of Various Flavors.
Claims use since Sept. 1, 1926.

Ser. No. 244,435. (CLASS 37. PAPER AND STATIONERY.) ECLIPSE FOUNTAIN PEN & PENCIL CORPORATION, New York, N. Y. Filed Feb. 16, 1927.

MARXTON

Particular description of goods.—Fountain Pens and Pencils.
Claims use since June, 1923.

Ser. No. 244,451. (CLASS 45. BEVERAGES, NONALCOHOLIC.) JOHN F. LASSER, doing business as Night Club Co., Chicago, Ill. Filed Feb. 16, 1927.

NIGHT CLUB

"Night Club."
Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks—Viz, Ginger Ale.
Claims use since Oct. 19, 1926.

Ser. No. 244,478. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) F. U. STEARNS & COMPANY, New York, N. Y. Filed Feb. 16, 1927.

RECREATION

Particular description of goods.—Cotton Piece Goods.
Claims use since Jan. 1, 1922.

Ser. No. 244,496. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GERTRUDE H. FORD, doing business as Clynton Tea Co., New York, N. Y. Filed Feb. 17, 1927.

OOPUR

Particular description of goods.—Tea of All Blends.
Claims use since Jan. 28, 1927.

Ser. No. 244,505. (CLASS 46. FOODS AND INGREDENTS OF FOODS.) THE FREDERICK W. LIPPS COMPANY, INC., Baltimore, Md. Filed Feb. 17, 1927.

Del-Mar-Va

Particular description of goods.—Candy.
Claims use since Jan. 1, 1927.

Ser. No. 244,535. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) BARONET MILLS, INC., College Point, N. Y. Filed Feb. 8, 1927.

Faerie Queene

Particular description of goods.—Powder Puffs.
Claims use since Jan. 10, 1927.

Ser. No. 244,556. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAMUEL A. GOLDSTEIN, doing business as Century Pharmacal Co., New York. N. Y. Filed Feb. 18, 1927.

Sagerite

Particular description of goods.—Medical Preparation, or Antiseptic Used for the Purpose of Sanitation.
Claims use since January, 1921.

Ser. No. 244,557. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) SAMUEL A. GOLDSTEIN, doing business as Century Pharmacal Company, New York, N. Y. Filed Feb. 18, 1927.

SEPTI-FORMS

Particular description of goods.—Medical Preparation, or Antiseptic Used for the Purpose of Sanitation.
Claims use since January, 1921.

Ser. No. 244,592. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ALBERT GODDE, BEDIN, INC., New York N. Y. Filed Feb. 19, 1927.

LLORIS

Particular description of goods.—Silk Piece Goods.
Claims use since Feb. 1, 1927.

Ser. No. 244,596. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Feb. 19, 1927.

Aimcee

Particular description of goods.—Hair Nets.
Claims use since Dec. 1, 1926.

Ser. No. 244,633. (CLASS 14. METALS AND METAL CASTINGS, AND FORGINGS.) TENNESSEE COAL, IRON & RAILROAD COMPANY, Birmingham, Ala. Filed Feb. 19, 1927.



MOOSE

Particular description of goods.—Galvanized Sheets of Iron or Steel.
Claims use since Nov. 13, 1926.

Ser. No. 244,699. (CLASS 6. CHEMICAL, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LAUBER & LAUBER CO., Chicago, Ill. Filed Feb. 21, 1927.

Triena

Particular description of goods.—Medicinal Preparation—Viz, a Stomach and Bowel Regulator.
Claims use since Feb. 1, 1927.

Ser. No. 244,713. (CLASS 20. LINOLEUM AND OILED CLOTH.) NATIONAL CLOAK & SUIT CO., New York, N. Y. Filed Feb. 21, 1927.

CAR-O-LEUM

Particular description of goods.—Rugs and Mats of Linoleum or Similar Substance.
Claims use since Nov. 1, 1926.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

MARCH 29, 1927.

225,821. LAXATIVE. PARK DRUG CO., New York, N. Y. Filed November 17, 1926. Serial No. 240,211. PUBLISHED JANUARY 18, 1927.

225,822. WEIGHING AND COUNTING SCALES. THE A-C SCALE CO., Cincinnati, Ohio. Filed November 17, 1926. Serial No. 240,158. PUBLISHED JANUARY 18, 1927.

225,823. SALVE FOR SCALDS, WOUNDS, CUTS, BURNS, AND PILES. KARNAK CHEMICAL COMPANY, West Chester, Pa. Filed November 16, 1926. Serial No. 240,140. PUBLISHED JANUARY 11, 1927.

225,824. WHEAT FLOUR. EAGLE ROLLER MILL COMPANY, New Ulm, Minn. Filed November 16, 1926. Serial No. 240,134. PUBLISHED JANUARY 18, 1927.

225,825. CAKE AND CANDY CUTTERS. THE J. R. WATKINS COMPANY, Winona, Minn. Filed November 15, 1926. Serial No. 240,113. PUBLISHED JANUARY 18, 1927.

225,826. MEDICINE TO REGULATE STOMACH DISORDERS. MRS. MOLLIE LE. RHODES, Taylorsville, Ga. Filed November 15, 1926. Serial No. 240,095. PUBLISHED JANUARY 18, 1927.

225,827. PRESSING MACHINES. THE AMERICAN LAUNDRY MACHINERY COMPANY, Norwood Station, Cincinnati, Ohio. Filed November 15, 1926. Serial No. 240,054. PUBLISHED JANUARY 18, 1927.

225,828. AGITATORS AND STIRRERS. THE PATTERSON FDR'Y & MACH. CO., East Liverpool, Ohio. Filed November 6, 1926. Serial No. 239,764. PUBLISHED JANUARY 18, 1927.

225,829. BLAND ANTISEPTIC EMOLLIENT, AND POWERFUL SUPPURATIVE FOR THE TREATMENT OF BOILS, CARBUNCLES, FELONS, ABSCESSES, AND OTHER INFLAMED CONDITIONS ACCOMPANIED BY SECRETIONS OF PUS. WILLIAM H. REGAN, doing business as Cap-Cal-Ox Laboratory, Bergenfield, N. J. Filed December 10, 1926. Serial No. 241,298. PUBLISHED JANUARY 18, 1927.

225,830. PERFUME EXTRACT, TOILET WATER, SACHETS, FACE POWDER, AND BRILLIANTINE. MOUILLERON, INC., New York, N. Y. Filed December 10, 1926. Serial No. 241,292. PUBLISHED JANUARY 18, 1927.

225,831. PERFUME EXTRACT, TOILET WATER, SACHETS, FACE POWDER, AND BRILLIANTINE. MOUILLERON, INC., New York, N. Y. Filed December 10, 1926. Serial No. 241,291. PUBLISHED JANUARY 18, 1927.

225,832. MOUTH HARMONICAS. THE FERDINAND STRAUSS CORPORATION, New York, N. Y. Filed November 6, 1926. Serial No. 239,775. PUBLISHED JANUARY 11, 1927.

225,833. TOILET ARTICLES. LES PARFUMS DE ROSINE, INC., New York, N. Y. Filed November 12, 1926. Serial No. 239,992. PUBLISHED JANUARY 18, 1927.

225,834. CERTAIN-NAMED TOILET PREPARATIONS. LES PARFUMS DE ROSINE, INC., New York, N. Y. Filed November 12, 1926. Serial No. 239,987. PUBLISHED JANUARY 18, 1927.

225,835. FOOD COLORS. CHR. HANSEN'S LABORATORY, INC., Little Falls, N. Y. Filed November 12, 1926. Serial No. 239,982. PUBLISHED JANUARY 18, 1927.

225,836. METAL-WORKING SMALL TOOLS—NAMELY, BORING DRILLS AND BITS OF ALL KINDS, REAMERS, SOCKETS, DRILL HOLDERS, DRILL CHUCKS, ARBORS, MANDRELS, TAPS, MILLS, MILLING CUTTERS, COUNTERSINKS, AND COUNTERBORES. THE CLEVELAND TWIST DRILL COMPANY, Cleveland, Ohio. Filed November 12, 1926. Serial No. 239,971. PUBLISHED JANUARY 18, 1927.

225,837. COTTON PIECE GOODS. CATLIN & CO., INC., New York, N. Y. Filed November 12, 1926. Serial No. 239,965. PUBLISHED JANUARY 18, 1927.

225,838. CONDENSED MILK. THE UNIVERSAL MILK COMPANY, New York, N. Y. Filed November 10, 1926. Serial No. 239,905. PUBLISHED JANUARY 18, 1927.

225,839. MEN'S STRAP WATCHES. THE DUEBER-HAMPDEN WATCH CO., Canton, Ohio. Filed November 9, 1926. Serial No. 239,847. PUBLISHED JANUARY 11, 1927.

225,840. MEDICINE FOR USE IN THE TREATMENT OF POISON IVY. HERMAN B. WAMPLER, Bicknell, Ind. Filed December 3, 1926. Serial No. 240,934. PUBLISHED JANUARY 18, 1927.

225,841. PERFUMES, ESSENCES OF PERFUMES, ESSENCES FOR PERFUMERY MATERIALS, AROMATIC MATERIALS, SYNTHETIC PERFUME MATERIALS, AND ETHEREAL OILS. SCHIMMEL & CO., Miltitz, near Leipzig, Germany. Filed December 2, 1926. Serial No. 240,881. PUBLISHED JANUARY 18, 1927.

225,842. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed November 30, 1926. Serial No. 240,780. PUBLISHED JANUARY 18, 1927.

225,843. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed November 30, 1926. Serial No. 240,778. PUBLISHED JANUARY 18, 1927.

225,844. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed November 30, 1926. Serial No. 240,774. PUBLISHED JANUARY 18, 1927.

225,845. WHEAT FLOUR. FISHER FLOURING MILLS COMPANY, Seattle, Wash. Filed November 29, 1926. Serial No. 240,706. PUBLISHED JANUARY 18, 1927.

225,846. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed November 30, 1926. Serial No. 240,773. PUBLISHED JANUARY 18, 1927.

225,847. CIGARS, CHEROOTS, SMOKING AND CHEWING TOBACCO, AND CIGARETTES. ALLAN H. WRIGHT, Hicksville, Ohio. Filed November 29, 1926. Serial No. 240,764. PUBLISHED JANUARY 18, 1927.

225,848. FISH PASTES. CROSSE & BLACKWELL (MANUFACTURING COMPANY) LIMITED, London, England. Filed November 29, 1926. Serial No. 240,702. PUBLISHED JANUARY 18, 1927.

225,849. LIQUEFIED PETROLEUM GAS AND LIQUEFIED HYDROCARBON GAS CHARGED INTO STEEL CYLINDERS FOR SHIPMENT AND FOR USE IN HOUSEHOLD HEATING, COOKING, AND GENERAL HOUSEHOLD GAS PURPOSES. GEORGE S. WISECARVER, Waynesburg, Pa.
Filed November 26, 1926. Serial No. 240,637. PUBLISHED JANUARY 11, 1927.

225,850. VINEGAR. RASCHE YEAST AND VINEGAR COMPANY, Milwaukee, Wis.
Filed November 26, 1926. Serial No. 240,626. PUBLISHED JANUARY 18, 1927.

225,851. VINEGAR. RASCHE YEAST AND VINEGAR COMPANY, Milwaukee, Wis.
Filed November 26, 1926. Serial No. 240,625. PUBLISHED JANUARY 18, 1927.

225,852. CANDY. P. W. BEALS CANDY CO., Detroit, Mich.
Filed December 6, 1926. Serial No. 241,025. PUBLISHED JANUARY 18, 1927.

225,853. LIQUID PREPARATION FOR THE TREATMENT OF PYORRHEA AND DISEASES OF THE TEETH AND GUMS. SILAS D. BELL, Altus, Okla.
Filed December 6, 1926. Serial No. 241,027. PUBLISHED JANUARY 18, 1927.

225,854. MEDICAL PREPARATION FOR THE RELIEF OF DROPSY. HENRY HARTMAN, Toledo, Ohio.
Filed December 6, 1926. Serial No. 241,051. PUBLISHED JANUARY 18, 1927.

225,855. HAIR RINSES. MAUDE AGNES MINGUS doing business as Lavalon Laboratories, San Francisco, Calif.
Filed December 6, 1926. Serial No. 241,062. PUBLISHED JANUARY 18, 1927.

225,856. CANDY. THE GEORGE BLOME & SON CO., Baltimore, Md.
Filed December 8, 1926. Serial No. 241,130. PUBLISHED JANUARY 18, 1927.

225,857. COUGH MEDICINE. FRE-LAX MEDICINE COMPANY, Fall River, Mass.
Filed December 8, 1926. Serial No. 241,150. PUBLISHED JANUARY 18, 1927.

225,858. SMOKING AND CHEWING TOBACCO AND SNUFF. MACLIN-ZIMMER-MCGILL TOBACCO CO. INCORPORATED, Petersburg, Va.
Filed December 8, 1926. Serial No. 241,168. PUBLISHED JANUARY 18, 1927.

225,859. DRESSED POULTRY. CHARLES GUNDERSON, Chicago, Ill.
Filed December 8, 1926. Serial No. 241,153. PUBLISHED JANUARY 18, 1927.

225,860. SMOKING AND CHEWING TOBACCO AND SNUFF. MACLIN-ZIMMER-MCGILL TOBACCO CO. INCORPORATED, Petersburg, Va.
Filed December 8, 1926. Serial No. 241,169. PUBLISHED JANUARY 18, 1927.

225,861. PERFUMES. CHARLES H. KONDAZIAN, New York, N. Y.
Filed December 7, 1926. Serial No. 241,107. PUBLISHED JANUARY 18, 1927.

225,862. WHEAT FLOUR. MINNEAPOLIS MILLING COMPANY, Minneapolis, Minn.
Filed December 7, 1926. Serial No. 241,111. PUBLISHED JANUARY 18, 1927.

225,863. WHEAT FLOUR. MINNEAPOLIS MILLING COMPANY, Minneapolis, Minn.
Filed December 7, 1926. Serial No. 241,112. PUBLISHED JANUARY 18, 1927.

225,864. STOCK AND POULTRY FEED. BALLARD & BALLARD CO., Louisville, Ky.
Filed December 8, 1926. Serial No. 241,128. PUBLISHED JANUARY 18, 1927.

225,865. STOCK FEED AND POULTRY FEED. BALLARD & BALLARD CO., Louisville, Ky.
Filed December 8, 1926. Serial No. 241,129. PUBLISHED JANUARY 18, 1927.

225,866. FLUID CEMENTING MATERIAL FOR USE IN REPAIRING ALUMINUM, GLASS, IRON, CHINA, WOOD, AND OTHER SUBSTANCES. LETELLIER LABORATORIES OF NEW JERSEY, INC., Williamstown, N. J.
Filed November 19, 1926. Serial No. 240,308. PUBLISHED DECEMBER 28, 1926.

225,867. HARD-WHEAT FLOUR. SCHULTZ, BAUJAN & CO., Beardstown, Ill.
Filed December 9, 1926. Serial No. 241,245. PUBLISHED JANUARY 18, 1927.

225,868. OINTMENT FOR THE TREATMENT OF THE SCALP, ITCHING SKIN, AND SKIN ERUPTIONS. MIRIAM RADIN, doing business as Virad Laboratories, Brooklyn, N. Y.
Filed December 9, 1926. Serial No. 241,241. PUBLISHED JANUARY 18, 1927.

225,869. WALNUTS, PEANUTS, PECANS, FILBERTS, BRAZIL NUTS, AND OTHER NUTS IN THE SHELL PACKED IN BAGS OR OTHER SUITABLE CONTAINERS AND FOR NUT MEATS PACKED IN CASES OR OTER SUITABLE CONTAINERS. A. U. PINKHAM & CO., INC., Seattle, Wash.
Filed December 9, 1926. Serial No. 241,236. PUBLISHED JANUARY 18, 1927.

225,870. CHEMICAL PREPARATIONS FOR THERAPEUTIC USE AND APOTHECARY GOODS AS ANTACIDA, PARTICULARLY FOR TREATMENT OF STOMACH DISEASES. CHEMOSAN AKTIENGESELLSCHAFT, Vienna, Austria.
Filed December 9, 1926. Serial No. 241,202. PUBLISHED JANUARY 18, 1927.

225,871. HAIR GROWER. FRANCES M. MARTIN, doing business as Rose Mfg. Co., New York, N. Y.
Filed December 8, 1926. Serial No. 241,170. PUBLISHED JANUARY 18, 1927.

225,872. TIRES, TIRE CASINGS, TIRE SLEEVES, AND INNER TUBES, ALL MADE WHOLLY OR PARTLY OF RUBBER. THE BADGER RUBBER WORKS, Milwaukee and Cudahy, Wis.
Filed November 26, 1926. Serial No. 240,582. PUBLISHED JANUARY 11, 1927.

225,873. PREPARATION FOR THE TREATMENT OF DIGESTIVE DISORDERS. PEPSIN SYRUP COMPANY, Monticello, Ill.
Filed August 11, 1926. Serial No. 235,846. PUBLISHED DECEMBER 7, 1926.

225,874. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. ESCONDIDO CITRUS UNION, Escondido, Calif.
Filed August 25, 1926. Serial No. 236,416. PUBLISHED JANUARY 11, 1927.

225,875. WHEAT FLOUR. AMERICAN GROCER COMPANY, Little Rock, Ark.
Filed September 14, 1926. Serial No. 237,215. PUBLISHED DECEMBER 28, 1926.

225,876. CAKE. CONTINENTAL BAKING CO., INC., New York, N. Y., and Hoboken, N. J.
Filed October 5, 1926. Serial No. 238,165. PUBLISHED NOVEMBER 16, 1926.

225,877. SILK PIECE GOODS. PURITAN SILKS CORPORATION, Chicago, Ill.
Filed October 11, 1926. Serial No. 238,458. PUBLISHED JANUARY 11, 1927.

225,878. CLOTH BY THE PIECE—NAMELY, COTTON, SILK, WOOL, OR COMBINATIONS THEREOF. JASS MANUFACTURING CO., Atlanta, Ga., and Philadelphia, Pa.
Filed October 13, 1926. Serial No. 238,553. PUBLISHED NOVEMBER 23, 1926.

225,879. HARNESS AND LUGGAGE BUCKLES. U. S. HAME COMPANY, Buffalo, N. Y.
Filed October 19, 1926. Serial No. 238,879. PUBLISHED DECEMBER 28, 1926.

225,880. LADIES' HAND BAGS. ART ENGRAVING AND NOVELTY COMPANY, INC., New York, N. Y.
Filed October 21, 1926. Serial No. 238,945. PUBLISHED DECEMBER 28, 1926.

225,881. FRESH CITROUS FRUITS, NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. GILBERT & THOMAS, Los Angeles, Calif.
Filed October 23, 1926. Serial No. 239,103. PUBLISHED JANUARY 11, 1927.

225,882. PUNCTUREPROOFING COMPOUND. J. HAROLD BOOTH, Yonkers, N. Y.
Filed October 26, 1926. Serial No. 239,229. PUBLISHED JANUARY 11, 1927.

225,883. WHEAT FLOUR. THE CHAPMAN MILLING COMPANY, Sherman, Tex.
Filed October 30, 1926. Serial No. 239,462. PUBLISHED DECEMBER 28, 1926.

225,884. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. CHENEY BROTHERS, South Manchester, Conn.
Filed November 6, 1926. Serial No. 239,740. PUBLISHED JANUARY 11, 1927.

225,885. MATTRESSES, BOX MATTRESSES, CUSHIONS, PILLOWS, AND BED SPRINGS. JOHN P. CLEESS INC., San Francisco, Calif.
Filed October 15, 1926. Serial No. 238,638. PUBLISHED JANUARY 18, 1927.

225,886. FRESH DECIDUOUS FRUITS—NAMELY, PEACHES, APRICOTS, FIGS, POMEGRANATES, AND GRAPES; FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. SACRAMENTO SAN JOAQUIN STOCKHOLDERS INC., doing business as Sacramento San Joaquin Land Company, San Francisco, Calif.
Filed October 15, 1926. Serial No. 238,675. PUBLISHED JANUARY 18, 1927.

225,887. FRESH VEGETABLES—NAMELY, TOMATOES, LETTUCE; MELONS—NAMELY, CANTALOUPES. WILKINSON BROS., Calipatria, Calif.
Filed October 15, 1926. Serial No. 238,685. PUBLISHED JANUARY 18, 1927.

225,888. CHILDREN'S CARTS AND PERAMBULATORS. TOY VEHICLE CORP., Elmhurst, N. Y.
Filed October 16, 1926. Serial No. 238,754. PUBLISHED JANUARY 18, 1927.

225,889. CHILDREN'S CARTS AND PERAMBULATORS FOR ACTUAL AND PRACTICAL USE. TOY VEHICLE CORP., Elmhurst, N. Y.
Filed October 16, 1926. Serial No. 238,755. PUBLISHED JANUARY 18, 1927.

225,890. VEGETABLE COMPOUND USED AS A TONIC AND BLOOD PURIFIER. RASMUSSEN AND LEVINS, Minneapolis, Minn.
Filed October 21, 1926. Serial No. 238,994. PUBLISHED JANUARY 18, 1927.

225,891. CONCENTRATED RAW FOOD—NAMELY, A LIQUID RATION PREPARED FROM VEGETABLE JUICES. THE AGMEL CORPORATION, Los Angeles, Calif.
Filed October 23, 1926. Serial No. 239,074. PUBLISHED JANUARY 18, 1927.

225,892. COSMETICS—NAMELY, MAKE-UP CREAM AND FACE CREAM, PERFUMES, HAIR TONICS, FACE POWDER, AND ASTRINGENT CREAM. HOLLYWOOD BEAUTY PRODUCTS CO., Los Angeles, Calif.
Filed October 23, 1926. Serial No. 239,109. PUBLISHED JANUARY 18, 1927.

225,893. COSMETICS—NAMELY, MAKE-UP CREAM AND FACE CREAM, PERFUMES, HAIR TONIC, FACE POWDER, AND ASTRINGENT CREAM. HOLLYWOOD BEAUTY PRODUCTS CO., Los Angeles, Calif.
Filed October 23, 1926. Serial No. 239,110. PUBLISHED JANUARY 18, 1927.

225,894. READY-MIXED PAINTS, VARNISHES, PAINT ENAMELS, PRIMERS, DRIERS, FILLERS, AND JAPANS. JAMES NASSAU COMPANY, INC., Brooklyn, N. Y.
Filed October 23, 1926. Serial No. 239,114. PUBLISHED JANUARY 4, 1927.

225,895. CANNED FRUITS—NAMELY, APRICOTS, PEARS, CHERRIES, CANNED VEGETABLES—NAMELY, ARTICHOKES, SPINACH, AND BEANS. SANTA CRUZ FRUIT PACKING CO., Seabright, Calif.
Filed October 23, 1926. Serial No. 239,142. PUBLISHED JANUARY 18, 1927.

225,896. PRESERVED FRUITS, FLAVORINGS, AND COMBINATIONS OF NUTS, FLAVORINGS, AND SUCH FRUITS FOR USE WITH ICE CREAM. THE CLEVELAND FRUIT JUICE COMPANY, Cleveland, Ohio.
Filed October 29, 1926. Serial No. 239,396. PUBLISHED JANUARY 18, 1927.

225,897. BASE-METAL TABLE CUTLERY—VIZ, TABLE, DESSERT, FRUIT, AND CARVING KNIVES. INTERNATIONAL SILVER COMPANY, Meriden, Conn.
Filed October 29, 1926. Serial No. 239,417. PUBLISHED JANUARY 18, 1927.

225,898. METAL PIPE UNIONS. THE KING UNION COMPANY, INC., Hillsgrove, R. I.
Filed November 2, 1926. Serial No. 239,587. PUBLISHED JANUARY 18, 1927.

225,899. BAKING POWDER. THE SEA GULL SPECIALTY COMPANY, Baltimore, Md.
Filed November 2, 1926. Serial No. 239,602. PUBLISHED JANUARY 18, 1927.

225,900. PAINT ENAMELS. ARNESTO PAINT CO. INC., New York, N. Y.
Filed November 4, 1926. Serial No. 239,633. PUBLISHED JANUARY 4, 1927.

225,901. TUBE-REPAIR KITS FOR PNEUMATIC VEHICLE TIRES. BROOKER-DAVIS PAPER CO., Columbia, S. C.
Filed November 5, 1926. Serial No. 239,696. PUBLISHED JANUARY 18, 1927.

225,902. STRAP BUCKLES MADE OF SHEET METAL. MOSLER METAL PRODUCTS CORP., Mount Vernon, N. Y.
Filed November 5, 1926. Serial No. 239,712. PUBLISHED JANUARY 18, 1927.

225,903. DRIED SEEDED RAISINS. CHAS. G. BONNER, doing business as Bonner Packing Co., Fresno, Calif.
Filed November 6, 1926. Serial No. 239,734. PUBLISHED JANUARY 18, 1927.

225,904. RUBBER TUBE PATCHES. HERBERT A. HEITMAN, Houston, Tex.
Filed November 6, 1926. Serial No. 239,751. PUBLISHED JANUARY 18, 1927.

225,905. SHOVELS, SPADES, AND SCOOPS. AMES SHOVEL AND TOOL COMPANY, Boston, Mass.
Filed December 4, 1926. Serial No. 240,944. PUBLISHED JANUARY 11, 1927.

225,906. SHOVELS, SPADES, AND SCOOPS. AMES SHOVEL AND TOOL COMPANY, Boston, Mass.
Filed December 4, 1926. Serial No. 240,942. PUBLISHED JANUARY 11, 1927.

225,907. SHOVELS, SPADES, AND SCOOPS. AMES SHOVEL AND TOOL COMPANY, Boston, Mass.
Filed December 4, 1926. Serial No. 240,941. PUBLISHED JANUARY 11, 1927.

225,908. BRUSHES FOR PAINTING, VARNISHING, OR APPLYING VARIOUS LIQUIDS. JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass.
Filed December 1, 1926. Serial No. 240,836. PUBLISHED JANUARY 11, 1927.

225,909. CEMENTS MADE WHOLLY OR PARTLY OF RUBBER. THE BADGER RUBBER WORKS, Milwaukee, and Cudahy, Wis.
Filed November 27, 1926. Serial No. 240,640. PUBLISHED JANUARY 4, 1927.

225,910. HOSIERY. AYCOCK HOSIERY MILLS, South Pittsburg, Tenn.
Filed November 26, 1926. Serial No. 240,581. PUBLISHED JANUARY 4, 1927.

225,911. PERFUMES AND TOILET WATER. MYRURGIA, S. A., Barcelona, Spain.
Filed November 24, 1926. Serial No. 240,566. PUBLISHED JANUARY 11, 1927.

225,912. PERFUMES AND TOILET WATER. MYRURGIA, S. A., Barcelona, Spain.
Filed November 24, 1926. Serial No. 240,564. PUBLISHED JANUARY 11, 1927.

225,913. SHAVING BRUSHES. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed November 16, 1926. Serial No. 240,150. PUBLISHED JANUARY 11, 1927.

225,914. PERFUMES AND TOILET WATER. MYRURGIA, S. A., Barcelona, Spain.
Filed November 24, 1926. Serial No. 240,563. PUBLISHED JANUARY 11, 1927.

225,915. COMBINATION GARDEN HOE AND WEEDER FOR USE AS A HAND TOOL. WILLIAM C. BOSWELL, Baltimore, Md.
Filed November 19, 1926. Serial No. 240,291. PUBLISHED JANUARY 18, 1927.

225,916. CASTOR OIL, IODINE, TALCUM POWDER, AND COUGH MIXTURES. KAW PRODUCTS CO., INC., Philadelphia, Pa.
Filed November 18, 1926. Serial No. 240,263. PUBLISHED JANUARY 18, 1927.

225,917. AIR-DEFLECTING SHIELDS FOR RADIATORS. THE J. D. GERKEN CO., Toledo, Ohio.
Filed November 18, 1926. Serial No. 240,251. PUBLISHED JANUARY 18, 1927.

225,918. ADHESIVES. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, and Uerdingen, Germany.
Filed November 18, 1926. Serial No. 240,243. PUBLISHED DECEMBER 28, 1926.

225,919. MEDICINAL PREPARATION FOR THE RELIEF OF HEADACHE, NEURALGIA, ACHES, PAINS, COLDS, AND LA GRIPPE. S. PFEIFFER MFG. CO., St. Louis, Mo.
Filed November 22, 1926. Serial No. 240,440. PUBLISHED JANUARY 18, 1927.

225,920. GAS RANGES. THE BUCK'S STOVE & RANGE COMPANY, St. Louis, Mo.
Filed November 20, 1926. Serial No. 240,338. PUBLISHED JANUARY 18, 1927.

225,921. PHONE PLUGS, RHEOSTATS, POTENTIOMETERS, VARIABLE PLATE CONDENSERS, PHONE JACKS, GRID LEAKS, AND FIXED MICA CONDENSERS. POLYMET MANUFACTURING CORPORATION, New York, N. Y.
Filed May 8, 1925. Serial No. 214,032. PUBLISHED JULY 20, 1926.

225,922. AUTOMOBILE POLISH. F. V. KARNES & CO., San Francisco, Calif.
Filed August 24, 1925. Serial No. 219,283. PUBLISHED JANUARY 11, 1927.

225,923. SILK HOSIERY. NORMA SILK HOSIERY CO. INC., Springfield, Mass.
Filed September 29, 1925. Serial No. 220,970. PUBLISHED JANUARY 11, 1927.

225,924. FLOUR. HUGH B. SPROUL, doing business as Swoope Milling Company, Swoope, Va.
Filed October 8, 1925. Serial No. 221,459. PUBLISHED JANUARY 11, 1927.

225,925. ENAMELED STEEL SOLUTION BOWLS, FEEDING CUPS, HOSPITAL CUPS, IRRIGATORS, DRESSING JARS, OINTMENT JARS, BEDPANS, DOUCHE PANS, PUS PANS, AND INSTRUMENT TRAYS. THE VOLLRATH CO., Sheboygan, Wis.
Filed November 6, 1925. Serial No. 222,967. PUBLISHED JANUARY 11, 1927.

225,926. TOOLS AND TOOL KITS, PARTICULARLY TAPS AND DIES, AND KITS OF ASSORTED TAPS AND DIES. WORCESTER STEEL PRODUCTS CO., Worcester, Mass.
Filed November 23, 1925. Serial No. 223,757. PUBLISHED JANUARY 18, 1927.

225,927. TEA. AUSTIN, NICHOLS & CO., Brooklyn, N. Y.
Filed December 2, 1925. Serial No. 224,070. PUBLISHED JANUARY 18, 1927.

225,928. CARAMEL FRUIT COMPOUND TO BE USED IN THE PRODUCTION OF HOT AND COLD BEVERAGES, EITHER A FOOD OR REFRESHING DRINK, ALSO FOR CAKE ICING, ICE CREAM, FUDGE, CAKE, OR PIE. JOHN J. WEIR, Loma Linda, Calif.
Filed December 18, 1925. Serial No. 224,889. PUBLISHED JANUARY 18, 1927.

225,929. RESILIENT VEHICLE TIRES AND INNER TUBES OF RUBBER OR RUBBER AND FABRIC, FLAPS AND TIRE-REPAIR MATERIALS AS FOLLOWS: CAMEL-BACK TREAD, BALLOON CAMEL BACK, COMBINATION CAMEL BACK, CUSHION GUM, TIRE-REPAIR FABRICS, BLOW-OUT PATCHES, PLASTER PATCHES, CORD-TIRE PATCHES, VALVE PADS, TIRE-REPAIR AIR BAGS, AND TUBE-REPAIR KITS. THE MOHAWK RUBBER COMPANY, Akron, Ohio.
Filed January 4, 1926. Serial No. 225,484. PUBLISHED JANUARY 18, 1927.

225,930. SURGICAL KNIVES AND PARTS THEREOF. GILLETTE SAFETY RAZOR COMPANY, Boston, Mass.
Filed February 8, 1926. Serial No. 227,009. PUBLISHED JANUARY 11, 1927.

225,931. RUG AND CARPET CLEANER AND COLOR RESTORER. MARVEL MFG. CO., Muscatine, Iowa.
Filed March 8, 1926. Serial No. 228,326. PUBLISHED JANUARY 11, 1927.

225,932. ARCH SUPPORTS. THE SCHOLL MFG. CO., INC., Chicago, Ill.
Filed April 2, 1926. Serial No. 229,591. PUBLISHED JANUARY 11, 1927.

225,933. MONTHLY MAGAZINE OF GENERAL CHARACTER AND NOT DIRECTED TO CANVASSING AND SOLICITING AGENTS. THE CONRAD CO., INC., New York, N. Y.
Filed April 12, 1926. Serial No. 230,019. PUBLISHED JANUARY 11, 1927.

225,934. ACTIVE LIVER PILLS, TAR COMPOUND, TOOTHACHE DROPS, CORN REMEDY, RUSSIAN MINERAL OIL, PEPTONIZED BEEF AND IRON, COMPOUND LICORICE POWDER, ROCHELLE SALT, CREAM OF TARTAR, FENNEL SEED, WHOLE FLAXSEED, RHUBARB AND SODA MIXTURE, COD-LIVER OIL, MILK OF MAGNESIA, CASCARA SAGRADA, LARKSPUR, BAY RUM, CITRATE OF MAGNESIA, BEEF, IRON, AND WINE, PHOSPHOROUS NUX AND DAMIANA COMPOUND, YELLOW THROAT MIXTURE, EXTRACT OF GINGER, DOBELL'S SOLUTION, TINCTURE GREEN SOAP, CARBOLIC ACID, TINCTURE BENZOIN, FLUID EXTRACT CASCARA, STOKE'S EXPECTORANT, BICARBONATE OF SODA, PAREGORIC, AROMATIC SPIRITS AMMONIA, TINCTURE IRON, SWEET TINCTURE OF NITER, ESSENCE LEMON, SIRUP RHUBARB, ESSENCE OF PEPPERMINT, BORIC ACID, FLOWERS OF SULPHUR, EPSOM SALT, PRECIPITATE OF CHALK, REFINED BORAX. WILLIAM J. O'SHAUGHNESSY, doing business as H. O. Drug Company, Brooklyn, N. Y.
Filed April 12, 1926. Serial No. 230,043. PUBLISHED JANUARY 4, 1927.

225,935. CONTAINERS USED FOR SUBSTANCES TO WHICH IT IS DESIRABLE TO IMPART THE MEDICINAL PROPERTY OF RADIOACTIVE EMANATION. THE REVIGORETTE CORPORATION, San Francisco, Calif.
Filed April 20, 1926. Serial No. 230,459. PUBLISHED JANUARY 11, 1927.

225,936. CHEESE, NAMELY, AMERICAN CHEESE AND CHEDDAR CHEESE. WISCONSIN CHEESE PRODUCERS FEDERATION, Plymouth, Wis.
Filed May 8, 1926. Serial No. 231,357. PUBLISHED JANUARY 11, 1927.

225,937. PRINTING EQUIPMENT—NAMELY, CLEANING ATTACHMENTS FOR ROTARY AND OTHER PRESSES; LITHOGRAPHIC AND ROTOGRAVURE PLATE HOLDERS, FOR ATTACHMENT TO PRINTING PRESSES, ETC. BARNEY & GROENHEIMER, New York, N. Y.
Filed May 26, 1926. Serial No. 232,246. PUBLISHED JANUARY 18, 1927.

225,938. PIE DOUGH. MRS. EZZENE T. COLBURN, doing business as Mrs. Ezzene Colburn, Chicago, Ill.
Filed July 3, 1926. Serial No. 234,098. PUBLISHED JANUARY 11, 1927.

225,939. CARTOON STRIP. HARRY LEROY TASKEY, New York, N. Y.
Filed July 10, 1926. Serial No. 234,419. PUBLISHED JANUARY 11, 1927.

225,940. SURGICAL CORSETS, CORRECTIVE SUPPORTERS, ABDOMINAL SUPPORTERS, DIAPHRAGM SUPPORTERS, SACRO-ILIAC SUPPORTERS, BACK SUPPORTERS, ARCH SUPPORTERS, TRUSSES, ELASTIC HOSIERY, ELASTIC WRISTLETS, ELASTIC ANKLETS, SURGICAL BRACES AND SUPPORTERS FOR HUMAN DEFORMITIES. WILLIAM S. RICE, INC., Adams and Buffalo, N. Y.
Filed July 17, 1926. Serial No. 234,680. PUBLISHED JANUARY 11, 1927.

225,941. PIGMENT COLORING MATERIAL FOR LEATHER AND LEATHER STAINS. EXCELSO PRODUCTS COMPANY, West Allis, Wis.
Filed August 2, 1926. Serial No. 235,464. PUBLISHED JANUARY 11, 1927.

225,942. CHEWING GUM. THE CHU-MOAR GUM COMPANY, North East, Md.
Filed August 7, 1926. Serial No. 235,684. PUBLISHED JANUARY 11, 1927.

225,943. OILS EMPLOYED IN THE TANNING OF LEATHER. NATIONAL OIL PRODUCTS COMPANY, Harrison, N. J.
Filed August 24, 1926. Serial No. 236,386. PUBLISHED JANUARY 11, 1927.

225,944. CONDENSATION MATERIAL FOR DENTAL WORK AND DENTURES. THE ITECO COMPANY, Portland, Oreg.
Filed September 7, 1926. Serial No. 236,939. PUBLISHED JANUARY 11, 1927.

225,945. ECZEMA SALVE. KHALIL AROUNI, doing business as Atlas Eczema Co. and Atlas Products Co., St. Paul, Minn.
Filed September 18, 1926. Serial No. 237,401. PUBLISHED JANUARY 11, 1927.

225,946. MEDICINAL TONIC FOR STRENGTHENING AND TONING THE BLOOD AND INCREASING THE APPETITE. FRANCES M. WHITT, doing business as California Raisin-Iron Co., Fresno, Calif.
Filed October 1, 1926. Serial No. 238,082. PUBLISHED JANUARY 11, 1927.

225,947. SOAPS. JOSEPH GUTRADT COMPANY, San Francisco, Calif.
Filed October 6, 1926. Serial No. 238,222. PUBLISHED JANUARY 11, 1927.

225,948. COSMETICS AND TOILET PREPARATIONS—NAMELY, PERFUMES, FACE TALCUM, SACHET POWDERS, TOILET AND ASTRINGENT WATERS, FACE ROUGE AND LIP ROUGE, COLD CREAM; FACE, HAND, AND OTHER CREAMS FOR THE TOILET; LOTIONS AND POMADES FOR APPLICATION TO THE SKIN, DENTIFRICES, DEPILATORY, NAIL PREPARATIONS, SHAMPOO, EYEBROW PENCILS, HAIR TONICS, BATH SALTS, SMELLING SALTS, AND BRILLIANTINE. BIROTO, PERFUMER, New York, N. Y.
Filed October 16, 1926. Serial No. 238,701. PUBLISHED JANUARY 11, 1927.

225,949. LIQUID SOAP. EUGEN VON SEYFRIED, Irvington, N. J.
Filed October 16, 1926. Serial No. 238,758. PUBLISHED JANUARY 11, 1927.

225,950. FLOOR WAX, LIQUID WAX, POLISHING CREAM, AND FURNITURE POLISH, ALL THESE PRODUCTS BEING RECOMMENDED FOR CLEANING AND POLISHING PURPOSES. SAPOLIN CO. INC., New York, N. Y.
Filed October 23, 1926. Serial No. 239,143. PUBLISHED JANUARY 11, 1927.

225,951. BOILER CHEMICALS FOR THE CHEMICAL TREATMENT OF FEED WATER USED IN BOILERS TO SOFTEN SAID WATER AND TO THROW OUT OF SOLUTION THE VARIOUS MINERAL SALTS, THEREBY PREVENTING THE FORMING OF SCALE ON THE SHELL AND TUBES OF THE BOILER. THE VALENTINE COMPANY, Seattle, Wash.
Filed October 25, 1926. Serial No. 239,208. PUBLISHED JANUARY 11, 1927.

225,952. VACUUM TUBES AND VALVES. RADIO CORPORATION OF AMERICA, New York, N. Y.
Filed October 28, 1926. Serial No. 239,384. PUBLISHED JANUARY 11, 1927.

225,953. PREPARATIONS FOR THE TREATMENT OF NEURALGIA, RHEUMATISM, HEADACHE, SCIATICA, NERVOUS FATIGUE, AND DISEASES PECULIAR TO WOMEN, INCLUDING MENSTRUAL DISCOMFORTS. THE SIDNEY ROSS CO., Newark, N. J.
Filed November 9, 1926. Serial No. 239,868. PUBLISHED JANUARY 11, 1927.

225,954. WASHING SODA. THE BUCKEYE SODA COMPANY, Painesville, Ohio.
Filed November 10, 1926. Serial No. 239,879. PUBLISHED JANUARY 11, 1927.

225,955. SALT. FIGARO CHEMICAL COMPANY, Dallas, Tex.
Filed November 10, 1926. Serial No. 239,881. PUBLISHED JANUARY 11, 1927.

225,956. SYNTHETIC OR CHEMICALLY-PREPARED RESINS. ROHM & HAAS CO., INC., Philadelphia, Pa.
Filed November 11, 1926. Serial No. 239,949. PUBLISHED JANUARY 11, 1927.

225,957. LOOSE-LEAF STRUCTURES, AS RING BOOKS, POST BINDERS, AND LEDGERS. NATIONAL BLANK BOOK CO., Holyoke, Mass.
Filed November 12, 1926. Serial No. 239,998. PUBLISHED JANUARY 11, 1927.

225,958. DEVICES TO IMPREGNATE WATER WITH RADIUM EMANATIONS. BENJAMIN J. COHON, New York, N. Y.
Filed November 13, 1926. Serial No. 240,016. PUBLISHED JANUARY 11, 1927.

225,959. DEVICES TO IMPREGNATE WATER WITH RADIUM EMANATIONS. BENJAMIN J. COHON, New York, N. Y.
Filed November 13, 1926. Serial No. 240,017. PUBLISHED JANUARY 11, 1927.

225,960. DEVICES TO IMPREGNATE WATER WITH RADIUM EMANATIONS. BENJAMIN J. COHON, New York, N. Y.
Filed November 13, 1926. Serial No. 240,018. PUBLISHED JANUARY 11, 1927.

225,961. SILK PIECE GOODS. ALCOT FABRICS INC., New York, N. Y.
Filed November 20, 1926. Serial No. 240,333. PUBLISHED JANUARY 18, 1927.

225,962. SILK PIECE GOODS. ALCOT FABRICS INC., New York, N. Y.
Filed November 20, 1926. Serial No. 240,332. PUBLISHED JANUARY 18, 1927.

225,963. SILK PIECE GOODS. ALCOT FABRICS INC., New York, N. Y.
Filed November 20, 1926. Serial No. 240,331. PUBLISHED JANUARY 18, 1927.

225,964. MIRRORS. METROPOLITAN ELECTRIC MFG. CO., Long Island City, N. Y.
Filed November 19, 1926. Serial No. 240,312. PUBLISHED JANUARY 18, 1927.

225,965. TIRES AND TUBES COMPOSED WHOLLY OF RUBBER OR RUBBER AND FABRIC. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed October 20, 1924. Serial No. 204,165. PUBLISHED JANUARY 18, 1927.

225,966. WET-CLEANING SOLUTION FOR CLOTHES. R. R. STREET & CO., INC., Chicago, Ill.
Filed November 17, 1926. Serial No. 240,223. PUBLISHED JANUARY 11, 1927.

225,967. WHEAT FLOUR. THE LARABEE FLOUR MILLS COMPANY, doing business as The Monarch Milling Company, Kansas City, Mo.
Filed November 13, 1926. Serial No. 240,034. PUBLISHED JANUARY 11, 1927.

225,968. MONTHLY MAGAZINE. JOHN THOMAS WOOD, New York, N. Y.
Filed December 4, 1926. Serial No. 241,015. PUBLISHED JANUARY 11, 1927.

225,969. MONTHLY MAGAZINE. THE ANTIQUARIAN PUBLISHING CO., INC., New York, N. Y.
Filed December 4, 1926. Serial No. 240,945. PUBLISHED JANUARY 11, 1927.

225,970. MONTHLY MAGAZINE. NATIONAL LIVE STOCK PRODUCERS ASSOCIATION, Chicago, Ill.
Filed December 2, 1926. Serial No. 240,873. PUBLISHED JANUARY 11, 1927.

225,971. WHEAT FLOUR. THE KANSAS FLOUR MILLS CORPORATION, doing business as the Anthony Mills, Kansas City, Mo., and Anthony, Kans.
Filed November 29, 1926. Serial No. 240,717. PUBLISHED JANUARY 11, 1927.

225,972. WHEAT FLOUR. THE KANSAS FLOUR MILLS CORPORATION, doing business as the Pratt Mills, Kansas City, Mo., and Pratt, Kans.
Filed November 29, 1926. Serial No. 240,716. PUBLISHED JANUARY 11, 1927.

225,973. FOOT POWDER AND DEODORANT. FRANK L. AND EARL M. STEWART, Youngstown, Ohio.
Filed November 15, 1926. Serial No. 240,101. PUBLISHED JANUARY 11, 1927.

225,974. GRAVEL PAPER FOR BIRD-CAGE BOTTOMS. ANSEL W. ROBISON, San Francisco, Calif.
Filed November 15, 1926. Serial No. 240,096. PUBLISHED JANUARY 11, 1927.

225,975. ELECTRICAL ATTACHMENT PLUGS. POLYMET MANUFACTURING CORPORATION, New York, N. Y.
Filed May 27, 1924. Serial No. 197,682. PUBLISHED MAY 26, 1925.

225,976. COMPLETE RADIO RECEIVING SETS ADAPTED TO COMBINATION WITH PHONOGRAPHS. WASMUTH-GOODRICH COMPANY, Peru, Ind.
Filed May 3, 1924. Serial No. 196,559. PUBLISHED SEPTEMBER 30, 1924.

225,977. CANCER MEDICINE. RACHEL SILL, East Moline, Ill.
Filed October 3, 1925. Serial No. 221,209. PUBLISHED JANUARY 11, 1927.

225,978. PENCILS, CHALK HOLDERS, RUBBER ERASERS, PASTELS, AND CRAYONS. REEVES & SONS LIMITED, London, England.
Filed October 15, 1925. Serial No. 221,769. PUBLISHED JANUARY 11, 1927.

225,979. BREATH TABLETS. JOSEPH A. MAGLIO, New York, N. Y.
Filed December 15, 1925. Serial No. 224,714. PUBLISHED JANUARY 11, 1927.

225,980. ALARM CLOCKS. FRATELLI BORLETTI, Milan, Italy.
Filed March 16, 1926. Serial No. 228,691. PUBLISHED JANUARY 11, 1927.

225,981. CINEMATOGRAPHIC FILMS. PATHÉ EXCHANGE, INC., New York, N. Y.
Filed May 6, 1926. Serial No. 231,205. PUBLISHED DECEMBER 28, 1926.

225,982. TWINES AND CORDS. NEW YORK TWINE CORPORATION, New York, N. Y.
Filed May 24, 1926. Serial No. 232,146. PUBLISHED JANUARY 11, 1927.

225,983. ELECTRIC HAIR DRIERS. THE WM. MEYER COMPANY, Chicago, Ill.
Filed May 28, 1926. Serial No. 232,407. PUBLISHED JANUARY 11, 1927.

225,984. CANNED FRUITS, DRIED FRUITS, AND CANNED VEGETABLES. ALFRED GABRIELSON, San Francisco, Calif.
Filed June 3, 1926. Serial No. 232,671. PUBLISHED JANUARY 11, 1927.

225,985. HAIR SHAMPOO, HAIR WASHES, HAIR DYES, BRILLIANTINE, HAIR POMADES, SHAMPOO OIL, AND HAIR TONIC, FRANCES GLATZER, New York, N. Y.
Filed July 21, 1926. Serial No. 234,835. PUBLISHED JANUARY 11, 1927.

225,986. REMOTELY CONTROLLED AIR-HEATING FURNACES, REMOTELY CONTROLLED FURNACE VALVES, AND ELECTRICAL FURNACE-OPERATING MECHANISM. POTTER RADIATOR CORPORATION, National City, Calif.
Filed July 28, 1926. Serial No. 235,274. PUBLISHED JANUARY 11, 1927.

225,987. TREE TRIMMERS. ROY-JAX COMPANY, Audubon, Iowa.
Filed July 31, 1926. Serial No. 235,428. PUBLISHED JANUARY 11, 1927.

225,988. ABDOMINAL SUPPORTERS, BODICES, OR CORSETS INCLUDING AN ABDOMINAL SUPPORT OR DIAPHRAGM COMPRESS UTILIZABLE FOR THERAPEUTIC PURPOSES. HATTIE M. PFALTZGRAFF, Cleveland, Ohio.
Filed July 20, 1926. Serial No. 234,801. PUBLISHED JANUARY 11, 1927.

225,989. SEMILIQUID FLOOR POLISH FOR ALL KINDS OF FLOORS. CONTINENTAL CHEMICAL CORPORATION OF ILLINOIS, Watseka, Ill.
Filed August 6, 1926. Serial No. 235,638. PUBLISHED JANUARY 11, 1927.

225,990. MANUFACTURED LIVESTOCK FOODS. THE LAKE SHORE ELEVATOR COMPANY, Cleveland, Ohio.
Filed September 1, 1926. Serial No. 236,758. PUBLISHED JANUARY 11, 1927.

225,991. PIES. BESS CLARK LEHMAN, Evansville, Ind.
Filed September 2, 1926. Serial No. 236,806. PUBLISHED JANUARY 11, 1927.

225,992. BREAD. MCGAVIN'S BREAD, INC., Denver, Col.
Filed September 3, 1926. Serial No. 236,846. PUBLISHED JANUARY 11, 1927.

225,993. LOOSE, PACKED, AND CANNED MACARONI OF ALL SHAPES. ANTONIO MORICI CO., Chicago, Ill.
Filed January 18, 1926. Serial No. 226,035. PUBLISHED MARCH 30, 1926.

225,994. BRUSHES FOR PAINTING, VARNISHING, OR APPLYING VARIOUS LIQUIDS AND FOR CLEANING, POLISHING, AND SWEEPING. JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass.
Filed January 25, 1926. Serial No. 226,393. PUBLISHED JANUARY 11, 1927.

225,995. DRIED SEAWEED, WHICH IS THE SAME AS DRIED SEA MOSS; A MIXTURE OF FINELY-CHOPPED MUSHROOMS, CARROTS, MOSS TREE, BAMBOO SPROUTS, AND BEETS, CALLED "FUKUJINZUKE" IN JAPANESE. HANZO YAMAMOTO, San Francisco, Calif.
Filed January 29, 1926. Serial No. 226,616. PUBLISHED AUGUST 17, 1926.

225,996. LIVESTOCK, DAIRY, AND CHICKEN FEED. WELLS-ABBOTT-NIEMAN CO., INC., Schuyler, Nebr.
Filed February 8, 1926. Serial No. 227,040. PUBLISHED MAY 18, 1926.

225,997. BISCUITS, WAFERS, CRACKERS, CAKE, AND BREAD. NATIONAL BISCUIT COMPANY, New York, N. Y.
Filed February 9, 1926. Serial No. 227,082. PUBLISHED JANUARY 4, 1927.

225,998. OLIVE OIL. MONTEVERDE, ROLANDELLI & PARODI, INC., San Francisco, Calif.
Filed March 13, 1926. Serial No. 228,616. PUBLISHED JANUARY 18, 1927.

225,999. ALUMINUM-ALLOY GASOLINE-ENGINE PISTONS. UNITED ENGINE & MACHINE CO., Fresno, Calif.
Filed March 29, 1926. Serial No. 229,364. PUBLISHED AUGUST 31, 1926.

226,000. PNEUMATIC TIRES. THE NAP PNEUMATIC TYRE COMPANY LIMITED, London, England.
Filed April 21, 1926. Serial No. 230,497. PUBLISHED JANUARY 18, 1927.

226,001. CANNED FRUITS, DRIED FRUITS, CANDIED FRUITS; FRESH FRUITS—NAMELY, ORANGES, FRESH GRAPEFRUIT, FRESH LEMONS, FRESH APPLES, GRAPES, BANANAS, PLUMS, PEARS, PEACHES, POMEGRANATES, BLACKBERRIES, AND STRAWBERRIES; FRUIT PRESERVES, CANDIES, CRACKERS, SALTED NUTS, CANDIED NUTS, AND NUTS IN THEIR NATURAL STATE. H. HICKS & SON, INC., New York, N. Y.
Filed May 1, 1926. Serial No. 230,998. PUBLISHED JANUARY 18, 1927.

226,002. THICK SAUCE FOR USE ON MEATS OR FISH OR IN SOUPS. E. LAZENBY & SON, LIMITED, London, England.
Filed June 19, 1926. Serial No. 233,495. PUBLISHED JANUARY 18, 1927.

226,003. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. COLTON FRUIT EXCHANGE, Colton, Calif.
Filed July 3, 1926. Serial No. 234,099. PUBLISHED JANUARY 18, 1927.

226,004. PERFUME, TOILET WATER, LOTION, EAU VEGETALE, FACE POWDER, SACHETS, DUSTING POWDER, TALCUM POWDER, COMPACT POWDER, COMPACT ROUGE, BATH SALTS, AND BRILLIANTINE. HOUBIGANT, INC., New York, N. Y.
Filed July 13, 1926. Serial No. 234,476. PUBLISHED JANUARY 18, 1927.

356 O. G.—67

226,005. LIP ROUGE, FACE ROUGE, FACE POWDER, TALCUM POWDER, TOILET WATER, PERFUME, COLD CREAM, VANISHING CREAM, BRILLIANTINE, SHAMPOO OIL, SKIN SACHET, NAIL POLISH, FACE LOTION, HAIR TONIC, HAIR OIL, FACE CREAMS, DEODORANTS, DEPILATORIES, DANDRUFF REMOVER, AND BEAUTY CLAY. FRANCES GLATZER, doing business as "Dure", New York, N. Y.
Filed July 21, 1926. Serial No. 234,834. PUBLISHED JANUARY 11, 1927.

226,006. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. CHULA VISTA CITRUS ASSOCIATION, Chula Vista, Calif.
Filed July 26, 1926. Serial No. 235,114. PUBLISHED JANUARY 18, 1927.

226,007. FOOD-FLAVORING EXTRACTS, SALAD OIL, TEA, VINEGAR, COFFEE, AND A BREAKFAST BEVERAGE COMPOUND USED AS A SUBSTITUTE FOR COFFEE. CLUFF MANUFACTURING CO., San Francisco, Calif.
Filed July 26, 1926. Serial No. 235,120. PUBLISHED JANUARY 18, 1927.

226,008. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. EL CAJON VALLEY CITRUS ASSOCIATION, El Cajon, Calif.
Filed July 26, 1926. Serial No. 235,129. PUBLISHED JANUARY 18, 1927.

226,009. TEA. JOHN HUGHES, Liverpool, England.
Filed November 9, 1926. Serial No. 239,857. PUBLISHED JANUARY 11, 1927.

226,010. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. MID-CALIFORNIA CITRUS ASSOCIATION, Porterville, Calif.
Filed July 26, 1926. Serial No. 235,160. PUBLISHED JANUARY 18, 1927.

226,011. CIGAR HUMIDORS. CONNER NOVELTY COMPANY, Ottumwa, Iowa.
Filed July 31, 1926. Serial No. 235,380. PUBLISHED JANUARY 18, 1927.

226,012. TEXTILE RUGS. VAYANOS BROTHERS INC., New York, N. Y.
Filed August 28, 1926. Serial No. 236,625. PUBLISHED JANUARY 18, 1927.

226,013. SWEET CHOCOLATE, CHOCOLATES, COCOA, CANDIES, AND BISCUITS. NAAMLOOZE VENNOOTSCHAP MAATSCHAPPIJ TOT EXPLOITATIE VAN RADEMAKER'S KONINKLIJKE CACAO & CHOCOLADEFABRIEKEN, The Hague, Netherlands.
Filed August 31, 1926. Serial No. 236,705. PUBLISHED JANUARY 18, 1927.

226,014. PIECE GOODS OF COTTON, SILK, RAYON, WOOL, FIBERS, AND COMBINATIONS OF SAID MATERIALS. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo.
Filed July 6, 1926. Serial No. 234,229. PUBLISHED DECEMBER 14, 1926.

226,015. SILK PIECE GOODS AND SILK VELVETS IN THE PIECE. KNICKERBOCKER SILK CO., New York, N. Y.
Filed September 2, 1926. Serial No. 236,805. PUBLISHED JANUARY 18, 1927.

226,016. DEPILATORY PRODUCT. SOCIÉTÉ ANONYME DES LABORATOIRES CH. ROGER, Boulogne-sur-Seine, France.
Filed September 3, 1926. Serial No. 236,855. PUBLISHED JANUARY 18, 1927.

226,017. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. EL CAJON VALLEY CITRUS ASSOCIATION, El Cajon, Calif.
Filed July 26, 1926. Serial No. 235,128. PUBLISHED JANUARY 18, 1927.

226,018. PREPARATION FOR THE INTERNAL TREATMENT OF ASTHMA. WILLIAM N. POWERS, Miami, Fla.
Filed August 7, 1926. Serial No. 235,707. PUBLISHED JANUARY 18, 1927.

226,019. BRASS, IRON, OR STEEL FIXTURES, FITTINGS, AND ACCESSORIES, WHETHER ENAMELED OR OTHERWISE, FOR BATHROOMS, BATHTUBS, WATER-CLOSETS, AND LAVATORIES, INCLUDING SOAP DISHES, TUMBLER HOLDERS, COMBINATION TUMBLER AND TOOTHBRUSH HOLDERS, TOWEL BARS, TOILET-PAPER HOLDERS, CURTAIN RODS, FLUSH ELBOWS AND OFFSETS AND ESCUTCHEONS THEREFOR, SUPPLY PIPES, VALVES, TRAPS, AND THE LIKE. E. H. TITCHENER & CO., Binghamton, N. Y.
Filed August 12, 1926. Serial No. 235,902. PUBLISHED JANUARY 18, 1927.

226,020. SIZINGS USED FOR SIZING FELT USED IN THE MANUFACTURE OF HATS. M. FRIEDL & BRO. INC., New York, N. Y.
Filed August 23, 1926. Serial No. 236,315. PUBLISHED JANUARY 18, 1927.

226,021. LADIES' TRIMMED HATS. JULIUS BLOOMFIELD, doing business as J. Bloomfield Co., New York, N. Y.
Filed August 31, 1926. Serial No. 236,671. PUBLISHED JANUARY 4, 1927.

226,022. ORGANIC CHEMICAL TANNING MATERIALS IN DRY, LIQUID, AND PASTE FORM ADAPTED FOR THE TANNING OF LEATHER. NATIONAL OIL PRODUCTS COMPANY, Harrison, N. J.
Filed September 7, 1926. Serial No. 236,948. PUBLISHED JANUARY 18, 1927.

226,023. PUBLICATION PUBLISHED DAILY EXCEPT SUNDAYS AND HOLIDAYS. ATLAS PUBLISHING COMPANY, New York, N. Y.
Filed November 2, 1926. Serial No. 239,557. PUBLISHED JANUARY 11, 1927.

226,024. DIAMOND-POINTED CUTTING, DRESSING, AND TURNING TOOLS. FOLLIARD F. GILMORE, Boston, Mass.
Filed October 29, 1926. Serial No. 239,410. PUBLISHED JANUARY 18, 1927.

226,025. BUILT-IN VENTILATING APPARATUS FOR SHIPS OR BUILDINGS. THERMO-TANKS, LIMITED, Glasgow, Scotland.
Filed November 1, 1926. Serial No. 239,549. PUBLISHED JANUARY 11, 1927.

226,026. PREPARATION FOR PREVENTING THE COLLECTION OF MOISTURE OR WATER UPON SURFACES. KEEPS-KLEER CO., San Francisco, Calif.
Filed October 28, 1926. Serial No. 239,372. PUBLISHED JANUARY 11, 1927.

226,027. WEEKLY PERIODICAL. THE PRAIRIE FARMER PUBLISHING CO., Chicago, Ill.
Filed November 4, 1926. Serial No. 239,676. PUBLISHED JANUARY 11, 1927.

226,028. WASHING AND CLEANING COMPOUND USED ALONE AND IN ADDITION TO SOAP FOR THE CLEANING OF CLOTHES. ECONOMICS LABORATORY, INCORPORATED, St. Paul, Minn.
Filed November 8, 1926. Serial No. 239,802. PUBLISHED JANUARY 11, 1927.

226,029. MONTHLY PUBLICATION. RADIO MECHANICS, INC., Radio Hill, N. Y.
Filed November 9, 1926. Serial No. 239,867. PUBLISHED JANUARY 11, 1927.

226,030. MONTHLY PUBLICATION. THE CONNECTICUT VALLEY TOBACCO ASSOCIATION, INCORPORATED, Hartford, Conn.
Filed November 9, 1926. Serial No. 239,844. PUBLISHED JANUARY 11, 1927.

226,031. WHEAT FLOUR. THE LARABEE FLOUR MILLS COMPANY, doing business as The Monarch Milling Company, Kansas City, Mo.
Filed November 13, 1926. Serial No. 240,033. PUBLISHED JANUARY 11, 1927.

226,032. WHEAT FLOUR. THE LARABEE FLOUR MILLS COMPANY, doing business as The Monarch Milling Company, Kansas City, Mo.
Filed November 13, 1926. Serial No. 240,032. PUBLISHED JANUARY 11, 1927.

226,033. MONTHLY MAGAZINE. WILLIAM WALTER RALEIGH, Chicago, Ill.
Filed November 26, 1926. Serial No. 240,624. PUBLISHED JANUARY 11, 1927.

226,034. MAGAZINE PUBLISHED MONTHLY. DELL PUBLISHING COMPANY, New York, N. Y.
Filed December 7, 1926. Serial No. 241,093. PUBLISHED JANUARY 11, 1927.

226,035. AUTOMOBILE TRANSMISSIONS. THE CONTINUOUS TORQUE TRANSMISSION COMPANY, Cleveland, Ohio.
Filed December 2, 1926. Serial No. 240,849. PUBLISHED JANUARY 11, 1927.

226,036. SUPPLEMENT TO A TRADE MAGAZINE. THE PLUMBING, HEATING & VENTILATING PUBLISHING CORPORATION, New York, N. Y.
Filed November 30, 1926. Serial No. 240,791. PUBLISHED JANUARY 11, 1927.

226,037. TEA. MATTSON COFFEE CO., Philadelphia, Pa.
Filed November 27, 1926. Serial No. 240,670. PUBLISHED JANUARY 11, 1927.

226,038. AUTOMOBILE TIRES, CASING TUBES, HOSE, AND BELTS, ALL MADE WHOLLY OR PARTLY OF RUBBER. THE BADGER RUBBER WORKS, Milwaukee and Cudahy, Wis.
Filed November 26, 1926. Serial No. 240,583. PUBLISHED JANUARY 11, 1927.

226,039. LACQUERS. EASTMAN KODAK COMPANY, Rochester, N. Y.
Filed November 24, 1926. Serial No. 240,542. PUBLISHED JANUARY 11, 1927.

226,040. CHEWING GUM. SERVICE GUM CO., INC., Brooklyn, N. Y.
Filed November 22, 1926. Serial No. 240,447. PUBLISHED JANUARY 11, 1927.

226,041. ELECTRIC BELTS FOR THERAPEUTICAL PURPOSES. RESTORO CO., Los Angeles, Calif.
Filed November 22, 1926. Serial No. 240,441. PUBLISHED JANUARY 11, 1927.

226,042. INSECTICIDES. AMERICAN DISINFECTING COMPANY, Sedalia, Mo.
Filed November 22, 1926. Serial No. 240,387. PUBLISHED JANUARY 11, 1927.

226,043. INSECTICIDES AND DISINFECTANTS. AMERICAN DISINFECTING COMPANY, Sedalia, Mo.
Filed November 22, 1926. Serial No. 240,386. PUBLISHED JANUARY 11, 1927.

226,044. PREPARATIONS FOR POLISHING WOOD FLOORS, LINOLEUMS, OILCLOTHS, AND OTHER LIKE FLOOR COVERINGS. AMERICAN DISINFECTING COMPANY, Sedalia, Mo.
Filed November 22, 1926. Serial No. 240,385. PUBLISHED JANUARY 11, 1927.

226,045. DISINFECTANTS AND GERMICIDES. AMERICAN DISINFECTING COMPANY, Sedalia, Mo.
Filed November 22, 1926. Serial No. 240,383. PUBLISHED JANUARY 11, 1927.

226,046. MAGAZINE PUBLISHED MONTHLY. DELL PUBLISHING COMPANY, New York, N. Y.
Filed November 20, 1926. Serial No. 240,346. PUBLISHED JANUARY 11, 1927.

226,047. INSECTICIDES. AMERICAN DISINFECTING COMPANY, Sedalia, Mo.
Filed November 22, 1926. Serial No. 240,391. PUBLISHED JANUARY 11, 1927.

226,048. DISINFECTANTS AND GERMICIDES. AMERICAN DISINFECTING COMPANY, Sedalia, Mo.
Filed November 22, 1926. Serial No. 240,390. PUBLISHED JANUARY 11, 1927.

226,049. LAXATIVES. HAYDN L. FISCHER, doing business as Sugar Products Co., Not Inc., Kewanee, Ill.
Filed November 17, 1926. Serial No. 240,180. PUBLISHED JANUARY 11, 1927.

226,050. PREPARATION FOR THE RELIEF OF COUGHS. EPHRIAM A. FOSTER, Massillon, Ohio.
Filed November 16, 1926. Serial No. 240,186. PUBLISHED JANUARY 11, 1927.

226,051. HAIR DYES. PARAGON LABORATORIES, INC., Newark, N. J.
Filed November 23, 1926. Serial No. 240,502. PUBLISHED JANUARY 18, 1927.

226,052. MONTHLY MAGAZINE. WISCONSIN RAPIDS TRIBUNE COMPANY, Wisconsin Rapids, Wis.
Filed November 20, 1926. Serial No. 240,380. PUBLISHED JANUARY 11, 1927.

226,053. POULTRY FEED, STOCK FEED, AND DAIRY FEED. NORTHRUP, KING & COMPANY, Minneapolis, Minn.
Filed December 4, 1926. Serial No. 240,991. PUBLISHED JANUARY 11, 1927.

226,054. CRACKERS, CAKES, WAFERS, SODA BISCUITS, AND CRACKER MEAL. THE GREEN & GREEN CO., Dayton, Ohio.
Filed May 7, 1925. Serial No. 213,965. PUBLISHED JANUARY 11, 1927.

226,055. SOLES AND HEELS FOR BOOTS AND SHOES, COMPOSED WHOLLY OR IN PART OF RUBBER. MARATHON RUBBER COMPANY, INC., Akron, Ohio.
Filed October 15, 1925. Serial No. 221,750. PUBLISHED DECEMBER 7, 1926.

226,056. LEATHER BOOTS AND SHOES AND COMBINATION OF LEATHER AND FIBER, BOOTS AND SHOES FOR MEN, WOMEN, AND CHILDREN. RED WING SHOE COMPANY, Red Wing, Minn.
Filed November 14, 1925. Serial No. 223,334. PUBLISHED JULY 13, 1926.

226,057. FOOD-FLAVORING EXTRACTS. FRANK E. HARRIS CO. INC., Binghamton, N. Y.
Filed December 8, 1925. Serial No. 224,392. PUBLISHED MARCH 9, 1926.

226,058. CANDY. COX CONFECTIONERY COMPANY, Boston and East Boston, Mass.
Filed December 9, 1925. Serial No. 224,449. PUBLISHED JANUARY 18, 1927.

226,059. LUBRICATING OILS AND GREASES. BURGER-ADAMS PETROLEUM CO., Coffeyville, Kans.
Filed December 24, 1925. Serial No. 225,107. PUBLISHED NOVEMBER 30, 1926.

226,060. BREAD. J. E. GARRATT, doing business as The Ryvita Company, London, England.
Filed January 2, 1926. Serial No. 225,412. PUBLISHED DECEMBER 28, 1926.

226,061. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. CHENEY BROTHERS, South Manchester, Conn.
Filed December 11, 1926. Serial No. 241,822. PUBLISHED JANUARY 18, 1927.

226,062. DEODORIZING POWDER. COMPANION PRODUCTS COMPANY, Kansas City, Mo.
Filed December 11, 1926. Serial No. 241,824. PUBLISHED JANUARY 18, 1927.

226,063. PREPARATION FOR THE FEET HAVING DEODORIZING AND HEALING PROPERTIES. COMPANION PRODUCTS COMPANY, Kansas City, Mo.
Filed December 11, 1926. Serial No. 241,826. PUBLISHED JANUARY 18, 1927.

226,064. PIECE GOODS MADE OF WOOL AND COMBINATIONS OF WOOL AND OTHER MATERIALS. LYNX CORPORATION, New York, N. Y.
Filed December 11, 1926. Serial No. 241,842. PUBLISHED JANUARY 18, 1927.

226,065. WOOLEN PIECE GOODS. LYNX CORPORATION, New York, N. Y.
Filed December 11, 1926. Serial No. 241,843. PUBLISHED JANUARY 18, 1927.

226,066. SILK PIECE GOODS. ALBERT GODDE, BEDIN, INC., New York, N. Y.
Filed December 13, 1926. Serial No. 241,867. PUBLISHED JANUARY 18, 1927.

226,067. SILK PIECE GOODS. ALBERT GODDE, BEDIN, INC., New York, N. Y.
Filed December 13, 1926. Serial No. 241,869. PUBLISHED JANUARY 18, 1927.

226,068. WOOLENS AND WORSTEDS IN THE PIECE. ANDREW'S MILL CO., Andrew's Village, Woonsocket, R. I.
Filed December 13, 1926. Serial No. 241,876. PUBLISHED JANUARY 18, 1927.

226,069. WOOLENS AND WORSTEDS IN THE PIECE. ANDREW'S MILL CO., Andrew's Village, Woonsocket, R. I.
Filed December 13, 1926. Serial No. 241,877. PUBLISHED JANUARY 18, 1927.

226,070. WOOLENS AND WORSTEDS IN THE PIECE. ANDREW'S MILL CO., Andrew's Village, Woonsocket, R. I.
Filed December 13, 1926 Serial No. 241,878. PUBLISHED JANUARY 18, 1927.

226,071. WOOLENS AND WORSTEDS IN THE PIECE. ANDREW'S MILL CO., Andrew's Village, Woonsocket, R. I.
Filed December 13, 1926. Serial No. 241,879. PUBLISHED JANUARY 18, 1927.

226,072. WOOLENS AND WORSTEDS IN THE PIECE. ANDREW'S MILL CO., Andrew's Village, Woonsocket, R. I.
Filed December 13, 1926. Serial No. 241,880. PUBLISHED JANUARY 18, 1927.

226,073. ANIMAL AND INSECT POISON. BUFFALO SPECIALTY COMPANY, Buffalo, N. Y.
Filed December 13, 1926. Serial No. 241,891. PUBLISHED JANUARY 18, 1927.

226,074. POWDERED BLUING. FRANCIS H. LEGGETT & COMPANY, New York, N. Y.
Filed December 13, 1926. Serial No. 241,418. PUBLISHED JANUARY 18, 1927.

226,075. TONE MODIFIER IN THE FORM OF AN INSERT FOR A SOUND-AMPLIFYING HORN. WILLIAM DEERFOOT, Iowa City, Iowa.
Filed December 4, 1926. Serial No. 240,964. PUBLISHED JANUARY 11, 1927.

226,076. CANDY. GURLEY CANDY CO., Minneapolis, Minn.
Filed December 4, 1926. Serial No. 240,973. PUBLISHED JANUARY 18, 1927.

226,077. SYRINGES. THE MARVEL COMPANY, West Haven, Conn.
Filed December 4, 1926. Serial No. 240,987. PUBLISHED JANUARY 11, 1927.

226,078. CHEMICALS USED IN THE VULCANIZATION OF RUBBER, COMMONLY KNOWN AS RUBBER ACCELERATORS. THE ROESSLER & HASSLACHER CHEMICAL COMPANY, New York, N. Y.
Filed December 4, 1926. Serial No. 241,003. PUBLISHED JANUARY 18, 1927.

226,079. ANALGESIC, ANTALGIC, AND ANTIPYRETIC. THE TILDEN COMPANY, New Lebanon, N. Y.
Filed December 4, 1926. Serial No. 241,010. PUBLISHED JANUARY 18, 1927.

226,080. GREEN COFFEE. J. ARON & COMPANY, INC., New Orleans, La.
Filed December 6, 1926. Serial No. 241,024. PUBLISHED JANUARY 18, 1927.

226,081. COTTON, SILK, AND ARTIFICIAL-SILK PIECE GOODS AND COMBINATIONS OF THE SAME. M. LOWENSTEIN & SONS, INC., New York, N. Y.
Filed June 2, 1926. Serial No. 232,618. PUBLISHED JANUARY 11, 1927.

226,082. JELLY POWDER. SURSSET JELLY POWDER CO., Grand Rapids, Mich.
Filed June 12, 1926. Serial No. 233,150. PUBLISHED JANUARY 11, 1927.

226,083. BOILER-CLEANING COMPOUND. HENRY BILLINGHAM, Seattle, Wash.
Filed June 21, 1926. Serial No. 233,523. PUBLISHED NOVEMBER 30, 1926.

226,084. CANNED FRUITS, CANNED VEGETABLES, AND DRIED FRUITS. HALL-LUHRS & COMPANY, Sacramento, Calif.
Filed June 21, 1926. Serial No. 233,543. PUBLISHED JANUARY 11, 1927.

226,085. LADIES' UNDERWEAR OF TEXTILE AND KNITTED FABRIC. LAMBERT SALES COMPANY, INC., Manila, P. I., and New York, N. Y.
Filed July 3, 1926. Serial No. 234,133. PUBLISHED NOVEMBER 30, 1926.

226,086. LIME. THE WOODVILLE LIME PRODUCTS COMPANY, Toledo, Ohio.
Filed September 7, 1926. Serial No. 236,971. PUBLISHED NOVEMBER 2, 1926.

226,087. SPINNING MACHINES. WEBBER MACHINE CO., INC., Wilmington, Del., and Wilkes-Barre, Pa.
Filed September 9, 1926. Serial No. 237,053. PUBLISHED JANUARY 18, 1927.

226,088. POLISH FOR THE FINISHED SURFACE OF WOODWORK OR FOR THE ENAMELED, PAINTED, OR LACQUERED SURFACE OF METAL. DAVID H. SLAVIT, doing business as SLATRA MANUFACTURING CO., Providence, R. I.
Filed September 13, 1926. Serial No. 237,302. PUBLISHED JANUARY 11, 1927.

226,089. AUTOMOBILE AND FURNITURE POLISH. CHARLES THORNFIELD, doing business as FURMOTO CHEMICAL CO., London, England, and Woollahra, Sydney, Australia.
Filed September 16, 1926. Serial No. 237,343. PUBLISHED JANUARY 11, 1927.

226,090. FLOOR CLEANER. J. M. CINNAMOND, San Francisco, Calif.
Filed September 27, 1926. Serial No. 237,783. PUBLISHED JANUARY 11, 1927.

226,091. MONTHLY MAGAZINE. H. F. HENRICHS, Litchfield, Ill.
Filed October 5, 1926. Serial No. 238,177. PUBLISHED JANUARY 11, 1927.

226,092. YOUNG MEN'S CLOTHING—VIZ., SUITS IN TWO AND THREE PIECE GARMENTS AND SEPARATE PIECES THEREOF AND OVERCOATS. L. J. & C. D. JAFFER INC., New York, N. Y.
Filed October 5, 1926. Serial No. 238,179. PUBLISHED JANUARY 11, 1927.

226,093. COCOA. W. H. BAKER, INC., Red Hook, N. Y.
Filed October 7, 1926. Serial No. 238,245. PUBLISHED JANUARY 18, 1927.

226,094. ROAD MAPS IN SHEET FORM. THE H. M. GOUSHA COMPANY, Chicago, Ill.
Filed October 8, 1926. Serial No. 238,315. PUBLISHED JANUARY 11, 1927.

226,095. FRESH DECIDUOUS FRUITS—NAMELY, PEACHES, APRICOTS, FIGS; POMEGRANATES AND GRAPES; FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. SACRAMENTO SAN JOAQUIN STOCKHOLDERS, INC., doing business as Sacramento San Joaquin Land Company, San Francisco, Calif.
Filed October 15, 1926. Serial No. 238,674. PUBLISHED JANUARY 18, 1927.

226,096. FRESH VEGETABLES—NAMELY, TOMATOES, LETTUCE, POTATOES, CAULIFLOWER, CELERY, BEETS; FRESH DECIDUOUS FRUITS—NAMELY, PEACHES, APPLES, PEARS, PLUMS, APRICOTS, CHERRIES; FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. ALEXANDER MARKETING COMPANY, San Benito, Tex.
Filed October 23, 1926. Serial No. 239,075. PUBLISHED JANUARY 18, 1927.

226,097. PAINTBRUSHES. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio.
Filed November 13, 1926. Serial No. 240,039. PUBLISHED JANUARY 11, 1927.

226,098. SEALING COMPOUND FOR GASKETS. THE ZIP ABRASIVE COMPANY, Cleveland, Ohio.
Filed November 13, 1926. Serial No. 240,046. PUBLISHED DECEMBER 28, 1926.

226,099. MEN'S UNDERWEAR OF KNITTED OR WOVEN FABRIC. CHELTENHAM KNITTING CO., Philadelphia, Pa.
Filed November 15, 1926. Serial No. 240,065. PUBLISHED JANUARY 11, 1927.

226,100. MALT EXTRACT IN CONCENTRATED SIRUP FORM. PACIFIC MALT & HOPS CO., INC., Brooklyn, N. Y.
Filed September 10, 1926. Serial No. 237,089. PUBLISHED JANUARY 18, 1927.

226,101. PIPE JOINT RUNNERS AND STEAM PACKINGS. GEORGE H. WILKINS CO., Chicago, Ill.
Filed September 10, 1926. Serial No. 237,097. PUBLISHED JANUARY 18, 1927.

226,102. MAGAZINES. POPULAR INVENTION PUBLISHING CO., Baltimore, Md., assignor to Popular Mechanics Company, Chicago, Ill., a Corporation of Illinois.
Filed September 21, 1926. Serial No. 237,512. PUBLISHED NOVEMBER 9, 1926.

226,103. FRESH APPLES. AMERICAN FRUIT GROWERS INCORPORATED, Wilmington, Del., and Pittsburgh, Pa.
Filed September 24, 1926. Serial No. 237,638. PUBLISHED JANUARY 18, 1927.

226,104. FRESH DECIDUOUS FRUITS—NAMELY, PLUMS, POMEGRANATES, PEACHES, AND FRESH GRAPES. ARROW PACKING CO., Exeter, Calif.
Filed September 24, 1926. Serial No. 237,644. PUBLISHED JANUARY 18, 1927.

226,105. FRESH DECIDUOUS FRUITS—NAMELY, PLUMS, POMEGRANATES, PEACHES, AND FRESH GRAPES. ARROW PACKING CO., Exeter, Calif.
Filed September 24, 1926. Serial No. 237,645. PUBLISHED JANUARY 18, 1927.

226,106. CANDIES—NAMELY, CHOCOLATES. BEAUDRY CANDY CO., Los Angeles, Calif.
Filed September 24, 1926. Serial No. 237,649. PUBLISHED JANUARY 18, 1927.

226,107. ENAMELED BOOK PAPER. C. P. LEAH PAPER COMPANY, Indianapolis, Ind.
Filed September 24, 1926. Serial No. 237,673. PUBLISHED JANUARY 4, 1927.

226,108. FRESH DECIDUOUS FRUITS—NAMELY, GRAPES, CHERRIES, FIGS, POMEGRANATES, APRICOTS, PEACHES; DRIED FRUITS—NAMELY, PEACHES, APRICOTS, AND GRAPES OR RAISINS. WILLIAM O. MILES, doing business as Greenleaf Ranch, and Sacramento & San Joaquin Land Company, Fresno, Gregg, Calif.
Filed September 24, 1926. Serial No. 237,683. PUBLISHED JANUARY 18, 1927.

226,109. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. RIO GRANDE VALLEY CITRUS GROWERS ASSOCIATION, Mercedes, Tex.
Filed September 24, 1926. Serial No. 237,698. PUBLISHED JANUARY 18, 1927.

226,110. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. RIO GRANDE VALLEY CITRUS GROWERS ASSOCIATION, Mercedes, Tex.
Filed September 24, 1926. Serial No. 237,699. PUBLISHED JANUARY 18, 1927.

226,111. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT; FRESH DECIDUOUS FRUITS—NAMELY, POMEGRANATES, PEACHES, AND QUINCES. TULE RIVER CITRUS ASSOCIATION, Success, Calif.
Filed September 24, 1926. Serial No. 237,710. PUBLISHED JANUARY 18, 1927.

226,112. MEN'S SUITS. WEBER & HEILBRONER, New York, N. Y.
Filed October 8, 1926. Serial No. 238,348. PUBLISHED NOVEMBER 23, 1926.

226,113. FRESH VEGETABLES—NAMELY, TOMATOES, CAULIFLOWER, AND POTATOES. THEODORE CARFIEL, doing business as Ted Carfiel of Louisiana, Donaldsonville, La.
Filed October 9, 1926. Serial No. 238,361. PUBLISHED JANUARY 18, 1927.

226,114. COFFEE. HYLTON COFFEE CO., INC., Wilkinsburg Borough, Pittsburgh, Pa.
Filed October 9, 1926. Serial No. 238,374. PUBLISHED JANUARY 18, 1927.

226,115. RADIO VACUUM TUBES. P. D. JACKSON, doing business as Concert Master Mfg. Company and Continental Corporation, Chicago, Ill., and Newark, N. J.
Filed October 9, 1926. Serial No. 238,377. PUBLISHED JANUARY 18, 1927.

226,116. SALVE FOR THE TREATMENT OF PILES. GEORGE L. SCHILLING, doing business as Schilling Laboratories, Chicago, Ill.
Filed October 9, 1926. Serial No. 238,395. PUBLISHED JANUARY 18, 1927.

226,117. SELF-PLAYING PIANOS AND PIANO PLAYERS. THE AUTOPIANO COMPANY, New York, N. Y.
Filed October 12, 1926. Serial No. 238,478. PUBLISHED JANUARY 11, 1927.

226,118. COFFEE. HYLTON COFFEE CO. INC., Wilkinsburg Borough, Pittsburgh, Pa.
Filed October 12, 1926. Serial No. 238,502. PUBLISHED JANUARY 18, 1927.

226,119. FRESH DECIDUOUS FRUITS—NAMELY, PLUMS, CHERRIES, APRICOTS, AND GRAPES. W. RAY CHANDLER, Marysville, Calif.
Filed October 15, 1926. Serial No. 238,637. PUBLISHED JANUARY 18, 1927.

226,120. VARNISHES. THE BUCKEYE PAINT & VARNISH CO., Toledo, Ohio.
Filed February 4, 1924. Serial No. 191,997. PUBLISHED MARCH 9, 1926.

226,121. CANDIES. J. N. COLLINS COMPANY, Minneapolis, Minn.
Filed June 19, 1924. Serial No. 198,788. PUBLISHED JANUARY 18, 1927.

226,122. DRY, PASTE, AND READY-MIXED PAINT, PAINT ENAMELS, AND VARNISHES. GLOBE VARNISH COMPANY, Chicago, Ill.
Filed March 4, 1925. Serial No. 210,519. PUBLISHED FEBRUARY 9, 1926.

226,123. PETROLEUM PRODUCTS—NAMELY, LUBRICATING OILS AND LUBRICATING GREASES. BERNARD L. FEUERSTEIN, doing business as Pennsylvania Oil & Refining Co. of New York, New York, N. Y.
Filed March 13, 1925. Serial No. 210,959. PUBLISHED JUNE 2, 1925.

226,124. GASOLINE AND MOTOR OILS. FRANK G. JONES, doing business as The Ohio Valley Oil Co., East Liverpool, Ohio.
Filed June 20, 1925. Serial No. 216,105. PUBLISHED JANUARY 5, 1926.

226,125. TEA. CONSOLIDATED TEA CO. INC., New York, N. Y.
Filed July 18, 1925. Serial No. 217,541. PUBLISHED JANUARY 18, 1927.

226,126. CANDIES. QUEEN CANDY COMPANY, San Antonio, Tex.
Filed July 23, 1925. Serial No. 217,798. PUBLISHED JANUARY 11, 1927.

226,127. CANDY. WARD-OWSLEY CO., Aberdeen, S. Dak.
Filed August 7, 1925. Serial No. 218,532. PUBLISHED NOVEMBER 23, 1926.

226,128. STEAM ENGINES, STEAM SLUSH PUMPS, ROTARY DRILLING MACHINES, ROTARY DRAW WORKS, SWIVELS, AND POWER-DRIVEN PUMPS. ASSOCIATED SUPPLY COMPANY, Los Angeles, Calif..
Filed August 31, 1925. Serial No. 219,570. PUBLISHED NOVEMBER 2, 1926.

226,129. POWER-OPERATED CLOTHES-WASHING MACHINES. THE NINETEEN HUNDRED WASHER COMPANY, Binghamton, N. Y.
Filed September 15, 1925. Serial No. 220,293. PUBLISHED MARCH 2, 1926.

226,130. WHEAT FLOUR. THE RED STAR MILLING CO., Wichita, Kans.
Filed September 19, 1925. Serial No. 220,466. PUBLISHED JANUARY 4, 1927.

226,131. BISCUITS AND CRACKERS. AMERICAN BISCUIT COMPANY, San Francisco, Calif.
Filed September 26, 1925. Serial No. 220,817. PUBLISHED MARCH 30, 1926.

226,132. PIECE GOODS DRILLS. BEAR MILL MANUFACTURING COMPANY, INC., New York, N. Y.
Filed December 26, 1925. Serial No. 225,161. PUBLISHED JANUARY 18, 1927.

226,133. PIECE GOODS SATINE. BEAR MILL MANUFACTURING COMPANY, INC., New York, N. Y.
Filed December 26, 1925. Serial No. 225,162. PUBLISHED JANUARY 18, 1927.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

226,134. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) EVER READY RUBBER PRODUCTS CORPORATION, San Francisco, Calif. Filed Feb. 7, 1927. Serial No. 243,931.

EVER READY

Particular description of goods.—Sanitary Belts, Sanitary-Napkin Shields, and Sanitary Napkins.
Claims use since Apr. 1, 1917, on sanitary belts, and since March, 1921, on sanitary-napkin shields and sanitary napkins.

226,135. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MILWAUKEE CHEESE COMPANY, Milwaukee, Wis. Filed Feb. 9, 1927. Serial No. 244,083.

Milwaukee's CHEESE

Particular description of goods.—Cheese.
Claims use since Jan. 15, 1925.

226,136. (CLASS 43. THREAD AND YARN.) JOHN A. LANDAU, New York, N. Y. Filed Jan. 11, 1927. Serial No. 242,672.

"NOËL EVANS"

Particular description of goods.—Yarns.
Claims use since Feb. 5, 1926.

226,137. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EUGENIA WELBORN RHOMS, doing business as Crescent Chemical Company, Fort Worth, Tex. Filed Jan. 22, 1927. Serial No. 243,231.

Antibrule

Particular description of goods.—Chemical Compound for Treating Burns.
Claims use since Apr. 1, 1896.

226,138. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL R. DIETER COFFEE COMPANY, Wilkes-Barre, Pa. Filed Jan. 24, 1927. Serial No. 243,254.

WYOMING

Particular description of goods.—Coffee.
Claims use since Sept. 9, 1925.

226,139. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ODORBASE MANUFACTURING COMPANY, New York, N. Y. Filed Feb. 5, 1927. Serial No. 243,875.

LOCUST BUDS

Particular description of goods.—Concentrated Perfumes for Use in All Toilet Preparations.
Claims use since Mar. 28, 1908.

226,140. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAX WEISBERG, New York, N. Y. Filed Jan. 3, 1927. Serial No. 242,325.

Canadian Quality

Particular description of goods.—Spring Patent Flour.
Claims use since about Dec. 1, 1925.

226,141. (CLASS 45. BEVERAGES, NONALCOHOLIC.) JOE L. TEAVER, doing business as The Braser Company, Birmingham, Ala. Filed Jan. 4, 1927. Serial No. 242,355.

BraseR
"IT'S SO BRACING"

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks and Sirups and Extracts for Compounding the Same.
Claims use since on or about May, 1923.

226,142. (CLASS 11. INKS AND INKING MATERIALS.) HOMER W. PALMER & COMPANY, Chicago, Ill. Filed Jan. 7, 1927. Serial No. 242,496.

NO SMUT

Particular description of goods.—Drying Composition for Printing Ink.
Claims use since Dec. 13, 1923.

226,143. (CLASS 12. CONSTRUCTION MATERIALS.) THE CARDIFF GREEN MARBLE CO., INC., Cardiff, Md., and New York, N. Y. Filed Nov. 15, 1926. Serial No. 240,063.

CARDIFF-GREEN-MARBLE-Co
GRANITO
CARDIFF, MD.

Particular description of goods.—Ground Granules of Serpentine Rock Commercially Known as Marble, Such Granules Being Used in Construction Work as an Integral Part of Stucco for Building Surface Covering and of Terrazzo Flooring in Buildings and Known as Stucco Chips and Terrazzo Chips.
Claims use since July 3, 1925.

226,144. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM B. JEWETT, Watertown, N. Y. Filed Oct. 21, 1926. Serial No. 238,977.

JEWETT'S

Particular description of goods.—Biscuit Food for Feeding Animals, Etc.
Claims use since Sept. 12, 1925.

226,145. (CLASS 39. CLOTHING.) T. S. MARTIN COMPANY, Sioux City, Iowa. Filed July 26, 1926. Serial No. 235,158.

GLENGARRY

Particular description of goods.—Men's Suits and Coats and Women's Suits, Coats, and Dresses.
Claims use since January, 1926.

226,146. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) RODNEY HUNT MACHINE COMPANY, Orange, Mass. Filed July 6, 1926. Serial No. 234,230.

SLACK LOOP

Particular description of goods.—Washers and Reel Machines Used in the Textile Industry.
Claims use since Nov. 28, 1925.

226,147. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) S. DONIGER & CO., INC., New York, N. Y. Filed May 6, 1926. Serial No. 231,189.

KROME RUSTLESS

Particular description of goods.—Surgical Instruments.
Claims use since October, 1925.

226,148. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE TRUOG-SHAW CO., Youngstown, Ohio. Filed Apr. 8, 1926. Serial No. 229,885.

SHELL-SEALED

Particular description of goods.—Sterilized Storage Eggs.
Claims use since Feb. 4, 1926.

226,149. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HUGO JOSEPHY & SON, INC., New York, N. Y. Filed Mar. 27, 1926. Serial No. 229,290.

MILK FED.
ELKHART
POULTRY

Particular description of goods.—Dressed Poultry.
Claims use since October, 1925.

226,150. (CLASS 33. GLASSWARE.) THE LIBBEY-OWENS SHEET GLASS COMPANY, Toledo, Ohio. Filed Feb. 15, 1926. Serial No. 227,314.

AUTO

Particular description of goods.—Sheet Glass.
Claims use since May 19, 1924.

226,151. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) MORRIS FELDSTEIN & SON, New York, N. Y. Filed Feb. 12, 1926. Serial No. 227,227.

BRIGHTON

Particular description of goods.—Laminated Rubber Compositions for Outsoles and Top Lifts for Shoe Repairs.
Claims use since Jan. 14, 1926.

226,152. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ADOLPH COORS COMPANY, Golden, Colo. Filed Feb. 4, 1926. Serial No. 226,846.

Coors
MALTED MILK FLAKES

Particular description of goods.—Malted Milk.
Claims use since Jan. 22, 1926.

226,153. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ST. LOUIS INDEPENDENT PACKING COMPANY, doing business as Missouri Butterine Co., St. Louis, Mo. Filed Jan. 20, 1926. Serial No. 226,175.

SUNBURY

Particular description of goods.—Oleomargarine.
Claims use since Jan. 8, 1919.

226,154. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) THE PALMER MATCH COMPANY, Akron, Ohio. Filed Aug. 21, 1925. Serial No. 219,197.

PALMER

Particular description of goods.—Friction Matches.
Claims use since July 1, 1924.

226,155. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PIX AKTIEBOLAG, Gafle, Sweden. Filed Nov. 28, 1924. Serial No. 205,946.

PIX

Particular description of goods.—Medicated Lozenges to Alleviate Irritation of the Mouth, Throat, or Gullet.
Claims use since Mar. 18, 1924.

226,156. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALBERT U. DOUGHERTY, Muncie, Ind. Filed Mar. 31, 1926. Serial No. 229,438.

KAKE-ettes

Particular description of goods.—Cookies.
Claims use since Jan. 4, 1926.

226,157. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) W. W. LAWRENCE & COMPANY, Pittsburgh, Pa. Filed Mar. 13, 1926. Serial No. 228,610.

KOLOR-LAC

Particular description of goods.—Nitrocellulose Lacquer Finish, Ready-Mixed Paints, and Varnishes.
Claims use since Feb. 15, 1926.

226,158. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) STANLEY F. WITHE, Hartford, Conn. Filed Nov. 5, 1925. Serial No. 222,904.

Tol-Timer

Particular description of goods.—Device for Measuring Telephone Toll Calls.
Claims use since February, 1925.

TRADE-MARK REGISTRATIONS RENEWED

29,361. A MEDICINAL TEA. Registered December 29, 1896. CLARA STEINKRAUS AND HERMAN STEINKRAUS. Renewed December 29, 1926, to The C. & H. Steinkraus Company, Chicago, Ill., successor.

29,831. REMEDIES FOR DIARRHEA AND CATARRH OF THE STOMACH AND BOWELS. Registered April 13, 1897. CHEMISCHE FABRIK RHENANIA, Aix-la-Chapelle, Germany. Renewed April 13, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,836. A REMEDY FOR WOUNDS. Registered April 13, 1897. CHEMISCHE FABRIK RHENANIA, Aix-la-Chapelle, Germany. Renewed April 13, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,857. OPTICAL INSTRUMENTS AND PARTS THEREOF. Registered April 20, 1897. THE FIRM CARL ZEISS, Jena, Germany. Renewed April 20, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,895. DERIVATIVES OF LINCHONA ALKALOIDS. Registered April 20, 1897. VEREINIGTE CHININFABRIKEN ZIMMER & Co., Frankfort-on-Main, Germany. Renewed April 20, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,914. ANTISEPTICS AND ANTIPYRETICS. Registered April 27, 1897. THE FIRM OF E. MERCK, Darmstadt, Germany. Renewed April 27, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

50,391. WOVEN COTTON GOODS. Registered March 13, 1906. STARK MILLS, Manchester, N. H. Renewed March 13, 1926, to Tucapau Mills, Boston, Mass., a Corporation of South Carolina, assignee by mesne assignments.

53,925. COTTON PIECE GOODS. Registered June 12, 1906. MASSACHUSETTS COTTON MILLS, Lowell and Boston, Mass., a Corporation of Massachusetts. Renewed June 12, 1926.

57,702. MINERAL WATERS. Registered November 27, 1906. EISNER & MENDELSON COMPANY OF NEW YORK, New York, N. Y. Renewed November 27, 1926, to City of Carlsbad, Carlsbad, Czechoslovakia, a Corporation of Czechoslovakia, assignee.

59,895. CANNED FRUITS AND VEGETABLES. Registered January 22, 1907. PRESSINO & ORR CO. Renewed January 22, 1927, to The Winorr Canning Co., Circleville, Ohio, a Corporation of Ohio, successor.

60,520. COFFEE IN GRAIN. Registered February 12, 1907. JOSÉ FERNANDEZ. Renewed February 12, 1927, to Hijos De Jose Fernandez, Huatusco, Vera Cruz, Mexico, successor.

60,522. PAINT AND VARNISH BRUSHES. Registered February 12, 1907. SAMUEL H. FRENCH & CO. Renewed February 12, 1927, to Samuel H. French & Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

60,563. SOLE LEATHER AND LEATHER SOLES FOR BOOTS AND SHOES. Registered February 12, 1907. REGAL SHOE COMPANY INC., Boston, Mass. Renewed February 12, 1927, to Regal Shoe Company, Whitman, Mass., a Corporation of Massachusetts, assignee by mesne assignments.

60,564. CLEANSING COMPOUND AND DRESSING FOR LEATHER, SKIN, AND CANVAS ARTICLES. Registered February 12, 1907. REGAL SHOE COMPANY INC., Boston, Mass. Renewed February 12, 1927, to Regal Shoe Company, Whitman, Mass., a Corporation of Massachusetts, assignee by mesne assignments.

60,565. CLEANSING COMPOUND AND DRESSING FOR LEATHER AND SKIN ARTICLES. Registered February 12, 1907. REGAL SHOE COMPANY INC., Boston, Mass. Renewed February 12, 1927, to Regal Shoe Company, Whitman, Mass., a Corporation of Massachusetts, assignee by mesne assignments.

60,645. CORN. Registered February 19, 1907. D. I. BUSHNELL & Co., St. Louis, Mo. Renewed February 19, 1927.

60,697. CERTAIN POLISH. Registered February 19, 1907. FELICIA V. MORSE, Canton, Mass. Renewed February 19, 1927, to J. L. Prescott Company, New York, N. Y., a Corporation of New Jersey, assignee.

60,698. CERTAIN POLISH. Registered February 19, 1907. FELICIA V. MORSE, Canton, Mass. Renewed February 19, 1927, to J. L. Prescott Company, New York, N. Y., a Corporation of New Jersey, assignee.

60,699. CERTAIN POLISH. Registered February 19, 1907. FELICIA V. MORSE, Canton, Mass. Renewed February 19, 1927, to J. L. Prescott Company, New York, N. Y., a Corporation of New Jersey, assignee.

60,700. CERTAIN POLISH. Registered February 19, 1907. FELICIA V. MORSE, Canton, Mass. Renewed February 19, 1927, to J. L. Prescott Company, New York, N. Y., a Corporation of New Jersey, assignee.

60,701. CERTAIN POLISH. Registered February 19, 1907. FELICIA V. MORSE, Canton, Mass. Renewed February 19, 1927, to J. L. Prescott Company, New York, N. Y., a Corporation of New Jersey, assignee.

60,702. CERTAIN POLISH. Registered February 19, 1907. FELICIA V. MORSE, Canton, Mass. Renewed February 19, 1927, to J. L. Prescott Company, New York, N. Y., a Corporation of New Jersey, assignee.

60,703. CERTAIN POLISH. Registered February 19, 1907. FELICIA V. MORSE, Canton, Mass. Renewed February 19, 1927, to J. L. Prescott Company, New York, N. Y., a Corporation of New Jersey, assignee.

60,704. CERTAIN POLISH. Registered February 19, 1907. FELICIA V. MORSE, Canton, Mass. Renewed February 19, 1927, to J. L. Prescott Company, New York, N. Y., a Corporation of New Jersey, assignee.

60,751. CERTAIN AGRICULTURAL MACHINES. Registered February 19, 1907. DEERE & MANSUR Co. Renewed February 19, 1927, to Deere & Company, Moline, Ill., a Corporation of Illinois, assignee.

60,789. CERTAIN AGRICULTURAL MACHINES. Registered February 19, 1907. DEERE & MANSUR CO. Renewed February 19, 1927, to Deere & Company, Moline, Ill., a Corporation of Illinois, assignee.

60,790. CERTAIN AGRICULTURAL MACHINES. Registered February 19, 1907. DEERE & MANSUR Co. Renewed February 19, 1927, to Deere & Company, Moline, Ill., a Corporation of Illinois, assignee.

61,070. COTTONSEED OIL. Registered March 5, 1907. THE AMERICAN COTTON OIL COMPANY, near Guttenburg, N. J. Renewed March 5, 1927, to Lever Brothers Company, Portland, Me., and Cambridge, Mass., a Corporation of Maine, assignee.

61,306. POLISH COMPRISING BLACK LEAD, PLUMBAGO, OR GRAPHITE, AND FOR STOVE POLISH. Registered March 12, 1907. FELICIA V. MORSE, Canton, Mass. Renewed March 12, 1927, to J. L. Prescott Company, New York, N. Y., a Corporation of New Jersey, assignee.

61,359. GLOVES, MITTENS, AND GAUNTLETS MADE OF HORSEHIDE. Registered March 19, 1907. THE AMERICAN GLOVE CO., Chicago, Ill., a Corporation of Illinois. Renewed March 19, 1927.

61,409. BODY BRACES AND CONFORMER CORSETS. Registered March 19, 1907. CHARLES MUNTER. Renewed March 19, 1927, to Nulife Patents Corporation, New York, N. Y., a Corporation of New York, assignee by mesne assignments.

61,501. WASHING MACHINES AND WRINGERS. Registered March 26, 1907. THE NINETEEN HUNDRED WASHER CO., Binghamton, N. Y., a Corporation of New York. Renewed March 26, 1927.

61,598. CAST STEEL. Registered March 26, 1907. GEBR. BÖHLER & CO. AKTIENGESELLSCHAFT, Berlin, Germany, a Corporation of Germany. Renewed Mar. 26, 1927.

61,608. LEATHER BOOTS AND SHOES. Registered March 26, 1907. REGAL SHOE COMPANY INC., Boston, Mass. Renewed March 26, 1927, to Regal Shoe Company, Whitman, Mass., a Corporation of Massachusetts, assignee by mesne assignments.

61,696. IMITATION LEATHER. Registered April 2, 1907. THE BRITISH PLUVIUSIN COMPANY, LIMITED, Manchester, England. Renewed April 2, 1927, to The British Pluviusin Company, Limited, Eccles, near Manchester, England, a Corporation of Great Britain, assignee by mesne assignments.

61,753. KNITTED HOSIERY, KNITTED UNDERSHIRTS AND DRAWERS. Registered April 2, 1907. GUY, CURRAN & CO. Renewed April 2, 1927, to Guy, Curran, Incorporated, Washington, D. C., a Corporation of the District of Columbia, assignee.

61,800. GAS BURNERS OF ORDINARY METALS. Registered April 9, 1907. GEO. BRAY & CO. LTD., Leeds, England, a Corporation of Great Britain. Renewed April 9, 1927.

61,801. GAS BURNERS OF ORDINARY METALS. Registered April 9, 1907. GEO. BRAY & CO. LTD., Leeds, England, a Corporation of Great Britain. Renewed April 9, 1927.

61,802. METAL GAS BURNERS. Registered April 9, 1907. GEO. BRAY & CO., LTD., Leeds, England, a Corporation of Great Britain. Renewed April 9, 1927.

61,803. GAS BURNERS OF ORDINARY METALS. Registered April 9, 1907. GEO. BRAY & CO. LTD., Leeds, England, a Corporation of Great Britain. Renewed April 9, 1927.

61,804. GAS BURNERS OF ORDINARY METALS. Registered April 9, 1907. GEO. BRAY & CO. LTD., Leeds, England, a Corporation of Great Britain. Renewed April 9, 1927.

61,805. GAS BURNERS OF ORDINARY METALS. Registered April 9, 1907. GEO. BRAY & CO. LTD., Leeds, England, a Corporation of Great Britain. Renewed April 9, 1927.

62,130. LADIES' AND MISSES' LEATHER SHOES AND SLIPPERS. Registered April 23, 1907. DIXON-BARTLETT CO., Baltimore, Md., a Corporation of West Virginia. Renewed April 23, 1927.

62,442. WASHBOARDS. Registered May 7, 1907. THE AMERICAN WASHBOARD COMPANY, Cleveland, Ohio. Renewed May 7, 1927, to National Washboard Company, Chicago, Ill., a Corporation of West Virginia, assignee.

62,512. PAINT. Registered May 14, 1907. L. SONNEBORN SONS, INC., New York, N. Y., a Corporation of Delaware. Renewed May 14, 1927.

62,705. CERTAIN KNIT GOODS. Registered May 21, 1907. A. G. SPALDING & BROS., Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed May 21, 1927.

62,710. PORTLAND, NATURAL ROCK, AND IMPROVED CEMENT. Registered May 21, 1907. AMERICAN CEMENT COMPANY. Renewed May 21, 1927, to Giant Portland Cement Co., Philadelphia, Pa., a Corporation of Delaware, assignee.

62,790. WASHBOARDS. Registered May 28, 1907. THE AMERICAN WASHBOARD COMPANY, Cleveland, Ohio. Renewed May 28, 1927, to National Washboard Company, Chicago, Ill., a Corporation of West Virginia, assignee.

62,794. WASHBOARDS. Registered May 28, 1907. THE AMERICAN WASHBOARD COMPANY, Cleveland, Ohio. Renewed May 28, 1927, to National Washboard Company, Chicago, Ill., a Corporation of West Virginia, assignee.

62,803. BANKERS' DIRECTORY AND LIST OF ATTORNEYS. Registered May 28, 1907. RAND MCNALLY AND COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed May 28, 1927.

62,834. CALCINED PLASTERS AND CASTING PLASTERS. Registered May 28, 1907. SAMUEL H. FRENCH & CO. Renewed May 28, 1927, to Samuel H. French & Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

62,879. TYPEWRITER RIBBONS AND CARBON PAPERS. Registered May 28, 1907. H. M. STORMS COMPANY, New York, N. Y., a Corporation of New York. Renewed May 28, 1927.

62,931. BANKERS' DIRECTORY AND LIST OF ATTORNEYS. Registered May 28, 1907. RAND MCNALLY AND COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed May 28, 1927.

62,942. WHEAT FLOUR. Registered May 28, 1907. KEHLOR FLOUR MILLS COMPANY, St. Louis, Mo.; Kansas City, Kans.; and East St. Louis, Ill. Renewed May 28, 1927, to Hall Milling Company, St. Louis, Mo., a Corporation of Missouri, assignee.

62,979. WASHBOARDS. Registered June 4, 1907. THE AMERICAN WASHBOARD COMPANY, Cleveland, Ohio. Renewed June 4, 1927, to National Washboard Company, Chicago, Ill., a Corporation of West Virginia, assignee.

62,999. RUBBER BOOTS AND SHOES. Registered June 4, 1907. HOOD RUBBER COMPANY, East Watertown and Boston, Mass. Renewed June 4, 1927, to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts.

63,034. LUBRICATORS. Registered June 4, 1907. THE LUNKENHEIMER COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed June 4, 1927.

63,035. LUBRICATORS. Registered June 4, 1907. THE LUNKENHEIMER COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed June 4, 1927.

63,046. TYPEWRITER RIBBONS. Registered June 4, 1907. H. M. STORMS COMPANY, New York, N. Y., a Corporation of New York. Renewed June 4, 1927.

63,140. BITUMINOUS CONCRETE PAVEMENTS. Registered June 11, 1907. THE BARBER ASPHALT PAVING COMPANY. Renewed June 11, 1927, to The Barber Asphalt Company, Philadelphia, Pa., a Corporation of West Virginia, assignee.

63,254. SODA WATER AND MINERAL WATER. Registered June 11, 1907. A. LOHR BOTTLING CO., Cairo, Ill., a Corporation of Illinois. Renewed June 11, 1927.

63,286. BISCUITS. Registered June 11, 1907. NATIONAL BISCUIT COMPANY, New York, N. Y., a Corporation of New Jersey. Renewed June 11, 1927.

63,466. DRY AND MIXED PAINTS AND PIGMENT COLORS. Registered June 25, 1907. BENJAMIN MOORE & CO., New York, N. Y., and Jersey City, N. J., a Corporation of New Jersey. Renewed June 25, 1927.

63,524. CHINA FOR DOMESTIC AND HOUSEHOLD PURPOSES. Registered June 25, 1907. GEO. BORGFELDT & CO., New York, N. Y., a Corporation of New Jersey. Renewed June 25, 1927.

63,533. MINERAL WATER. Registered June 25, 1907. NATIONAL WATER CO., Waukesha, Wis. Renewed June 25, 1927, to White Rock Mineral Springs Company, Waukesha, Wis., and New York, N. Y., a Corporation of Wisconsin, assignee.

63,538. YEAST. Registered June 25, 1907. ROYAL BAKING POWDER COMPANY, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed June 25, 1927.

63,802. CANNED FRUITS AND VEGETABLES. Registered July 9, 1907. THE C. S. MOREY MERCANTILE COMPANY. Renewed July 9, 1927, to The Morey Mercantile Company, Denver, Colo., a Corporation of Colorado, successor.

63,803. BAKING POWDER. Registered July 9, 1907. CLEVELAND BAKING POWDER COMPANY, New York, N. Y. Renewed July 9, 1927, to Royal Baking Powder Company, New York, N. Y., and Jersey City, N. J., a Corporation of New Jersey, assignee.

63,888. CERTAIN LUBRICANTS. Registered July 9, 1907. WADHAMS OIL COMPANY, Milwaukee, Wis., a Corporation of Wisconsin. Renewed July 9, 1927.

63,920. AN ANALGESIC AND ANTIPYRETIC. Registered July 16, 1907. THE AMMONOL CHEMICAL COMPANY, New York, N. Y., a Corporation of New York. Renewed July 16, 1927.

63,944. BREAD. Registered July 16, 1907. SCHULZE BAKING CO., Chicago, Ill., a Corporation of Illinois. Renewed July 16, 1927.

64,009. PORTABLE ENGINES AND TRACTION ENGINES. Registered July 16, 1907. AVERY MANUFACTURING COMPANY. Renewed July 16, 1927, to Avery Power Machinery Co., Peoria, Ill., a Corporation of Illinois, assignee.

64,026. THRASHING AND GRAIN-SEPARATING MACHINERY. Registered July 23, 1907. AVERY MANUFACTURING COMPANY. Renewed July 23, 1927, to Avery Power Machinery Co., Peoria, Ill., a Corporation of Illinois, assignee.

64,076. SILVER, LEAD, OR PLUMBAGO FOUNDRY FACINGS AND PULVERIZED GRAPHITE. Registered July 23, 1907. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed July 23, 1927.

64,090. A COMPOUND FOR POLISHING METALS AND OTHER HARD MATERIALS. Registered July 23, 1907. GEORGE WILLIAM HOFFMAN. Renewed July 23, 1927, to Geo. Wm. Hoffman Co., Indianapolis, Ind., a Corporation of Indiana, assignee.

64,129. WIRE CHAIN. Registered July 23, 1907. THE BRIDGEPORT CHAIN COMPANY, Bridgeport, Conn., a Corporation of Connecticut. Renewed July 23, 1927.

64,159. THRASHING AND GRAIN SEPARATING MACHINES. Registered July 30, 1907. AVERY MANUFACTURING COMPANY. Renewed July 30, 1927, to Avery Power Machinery Co., Peoria, Ill., a Corporation of Illinois, assignee.

64,160. PORTABLE ENGINES AND TRACTION ENGINES. Registered July 30, 1907. AVERY MANUFACTURING COMPANY. Renewed July 30, 1927, to Avery Power Machinery Co., Peoria, Ill., a Corporation of Illinois, assignee.

64,223. KNITTED UNDERWEAR. Registered July 30, 1907. LESHER-RAIG KNITTING CO. LIMITED, Reamstown, Pa. Renewed July 30, 1927.

64,318. KNIVES, RAZORS, FORKS, AND SCISSORS. Registered July 30, 1907. VAN CAMP HARDWARE & IRON CO., Indianapolis, Ind., a Corporation of Indiana. Renewed July 30, 1927.

64,349. CERTAIN FELT AND PAPER. Registered August 6, 1907. J. A. & W. BIRD & CO. Renewed August 6, 1927, to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts, assignee.

64,384. CANNED SARDINES. Registered August 6, 1907. F. H. FROMM & CO. Renewed August 6, 1927, to F. H. Fromm, doing business as F. H. Fromm & Co., Philadelphia, Pa., successor.

64,387. BEER. Registered August 6, 1907. THE J. & P. BALTZ BREWING CO., Philadelphia, Pa., a Corporation of Pennsylvania. Renewed August 6, 1927.

64,405. JUJUBES. Registered August 6, 1907. WALLACE & CO., New York, N. Y. Renewed August 6, 1927, to Wallace & Co., Brooklyn, N. Y., a Corporation of New Jersey.

64,410. PAPER NOVELTIES. Registered August 6, 1907. BERNHARD WILMSEN, Philadelphia, Pa. Renewed August 6, 1927.

64,450. AN OINTMENT AND SALVE. Registered August 6, 1907. THE APPEN-D-FORM COMPANY. Renewed August 6, 1927, to The Appen-D-Form Company, Elkhart, Ind., a Corporation of Indiana, successor.

64,563. LEATHER BOOTS AND SHOES. Registered August 13, 1907. W. M. LAIRD COMPANY, Pittsburgh, Pa., a Corporation of New Jersey. Renewed August 13, 1927.

64,603. CERTAIN HEADWEAR. Registered August 13, 1907. AYERS-YOUNG HAT CO., Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed August 13, 1927.

64,613. BEER. Registered August 13, 1907. THE J. & P. BALTZ BREWING CO., Philadelphia, Pa., a Corporation of Pennsylvania. Renewed August 13, 1927.

64,635. CERTAIN MEDICINES. Registered August 13, 1907. SYDNEY B. LEONARDI, Tampa, Fla. Renewed August 13, 1927, to S. B. Leonardi & Co. Inc., New Rochelle, N. Y., a Corporation of New York, assignee.

64,696. WRENCHES. Registered August 20, 1907. COES WRENCH CO., Worcester, Mass., a Corporation of Massachusetts. Renewed August 20, 1927.

LABELS

REGISTERED MARCH 29, 1927.

31,831.—*Title:* 'LONGFELLOW' WORK SHIRTS. For Men's Work Shirts (a Cotton-Fabric Working Garment). CLAWSON & WILSON COMPANY, Buffalo, N. Y. Published February 14, 1927.

31,832.—*Title:* PULVOIDS NO. 373 NATRICO. For Pharmaceutical Preparation. THE DRUG PRODUCTS CO. INC., Long Island City, N. Y. Published February 24, 1927.

31,833.—*Title:* PULVOIDS NO. 446 CAL-SALICYLIC CO. (DR. ANTHONY BASSLER). For Pharmaceutical Preparation. THE DRUG PRODUCTS CO. INC., Long Island City, N. Y. Published February 24, 1927.

31,834.—*Title:* PULVOIDS NO. 448 CAL-SALICYLIC CO. NO. 2 (DR. ANTHONY BASSLER MODIFIED). For Pharmaceutical Preparation. THE DRUG PRODUCTS CO. INC., Long Island City, N. Y. Published February 24, 1927.

31,835.—*Title:* CAPSULES NO. 72 PIT-REN. For Pharmaceutical Preparation. THE DRUG PRODUCTS CO. INC., Long Island City, N. Y. Published February 24, 1927.

31,836.—*Title:* ELINE'S JEWEL CHEST. For Candy. ELINE'S INCORPORATED, Milwaukee, Wis. Published January 3, 1927.

31,837.—*Title:* ELINE'S JAZZ BOX CHOCOLATES. For Candy. ELINE'S INCORPORATED, Milwaukee, Wis. Published January 3, 1927.

31,838.—*Title:* ELINE'S CHOCOLATE PACKAGE. For Candy. ELINE'S INCORPORATED, Milwaukee, Wis. Published January 3, 1927.

31,839.—*Title:* ELINE'S MODIFIED CHOCOLATE COVERED CHERRIES. For Candy. ELINE'S INCORPORATED, Milwaukee, Wis. Published January 3, 1927.

31,840.—*Title:* SIMPLICITY BOX SELECTED CHOCOLATES. For Candy. ELINE'S INCORPORATED, Milwaukee, Wis. Published January 3, 1927.

31,841.—*Title:* ELINE'S LOVE DREAMS. For Candy. ELINE'S INCORPORATED, Milwaukee, Wis. Published January 3, 1927.

31,842.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published January 25, 1927.

31,843.—*Title:* MISSISSIPPI SOUND CROOKS. For Cigars. AUGUSTUS J. GOLDEN, Baltimore, Md. Published February 15, 1927.

31,844.—*Title:* PANTRY PRIDE. For Yams. HARRIS & BROWN, Pittsburg, Tex. Published December 3, 1926.

31,845.—*Title:* THE HANDY HOME PATCHING KIT. For a Repair Kit. HARRY HAUDENSCHILD, doing business as The Anchor Supply Company, Toledo, Ohio. Published December 27, 1926.

31,846.—*Title:* BLACKHAWK MIRACLE. For Sugar Substitute. WALTER G. HENLE, doing business as Blackhawk Extract Co., Davenport, Iowa. Published August 16, 1926.

31,847.—*Title:* PINE-TONIC. For Shampoo. A. J. KRANK MFG. CO., St. Paul, Minn. Published January 22, 1927.

31,848.—*Title:* SPORICIDE. For Preparation for the Skin and Scalp. A. J. KRANK MFG. CO., St. Paul, Minn. Published January 22, 1927.

31,849.—*Title:* RUCKER'S TRIENA A STOMACH AND BOWEL REGULATOR. For Stomach and Bowel Regulator. LAUBER & LAUBER CO., Chicago, Ill. Published February 1, 1927.

31,850.—*Title:* LO WRINKLE REMOVER. For a Toilet Preparation for Removing Wrinkles. LO PRODUCTS, Not Inc., Chicago, Ill. Published April 20, 1924.

31,851.—*Title:* CHECK. For Bread. S. E. LOVELESS, INC., Philadelphia, Pa. Published January 25, 1927.

31,852.—*Title:* CLEOPATRA. For Oranges. MISSION CITRUS ASSOCIATION, Redlands, Calif. Published January 3, 1927.

31,853.—*Title:* KIDDIE PICTURE SOAP. For Soap. PICTORIAL SOAP MFG. CO. INC., New York, N. Y. Published October 20, 1926.

31,854.—*Title:* SANTRO BLACK BAND NIPPLES. For Nipples. JULIUS SCHMID, INC., New York, N. Y. Published September 10, 1927.

31,855.—*Title:* SPARKLETTS. For Drinking Water. SPARKLETTS ARTESIAN WATER CO., Los Angeles, Calif. Published September 25, 1926.

31,856. *Title:* VEGEX VITAMIN YEAST CANDY. For Candy. VITAMIN FOOD CO. INC., New York, N. Y. Published January 29, 1927.

31,857.—*Title:* WITT'S SURE SEAL MENDING CEMENT. For Mending Cement. H. C. WITTMANN, doing business as Wittmann Supply Co., Lincoln, Nebr. Published September 15, 1926.

31,858.—*Title:* LUZETTE. For a Preparation for the Skin. YES MANUFACTURING COMPANY, Los Angeles, Calif. Published January 28, 1927.

PRINTS

REGISTERED MARCH 29, 1927.

9,674.—*Title:* WE TAKE TIME TO FIT YOU. For Athletic Underwear. THE B. V. D. COMPANY, INC., New York, N. Y. Published February 21, 1927.

9,675.—*Title:* DAD KNOWS THEY ARE SAFE . . . FOR WITH BALCRANKS EVEN THE CAR SPRINGS PROTECT THEM! For Balcrank Collision Absorbers. THE CINCINNATI BALL CRANK COMPANY, Oakley, Cincinnati, Ohio. Published February 12, 1927.

9,676.—*Title:* ONLY WITH BALCRANK 'COLLISION ABSORBERS' DO CAR SPRINGS TAKE UP EXCESS SHOCK. For Balcrank Collision Absorbers. THE CINCINNATI BALL CRANK COMPANY, Oakley, Cincinnati, Ohio. Published January 15, 1927.

9,677.—*Title:* THIS PLAN HAS BROUGHT RESULTS IN 43,000 SCHOOLS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 10, 1927.

9,678.—*Title:* SCHOOLS NOW ASK MOTHERS' HELP WITH PUPILS' BREAKFASTS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 15, 1927.

9,679.—*Title:* FOR THE CHILD WHO 'JUST WON'T EAT.' For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 25, 1927.

9,680.—*Title:* NEW PLAN IN SCHOOLS TO TEACH EATING BETTER BREAKFASTS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 22, 1927.

9,681.—*Title:* CAR OWNERS EVERYWHERE WILL BUY THIS NEW HEADLIGHT. For Automobile Lamps. INDIANA LAMP CORPORATION, Connersville, Ind. Published January 13, 1927.

9,682.—*Title:* CAR OWNERS EVERYWHERE WILL BUY THIS NEW HEADLIGHT. For Automobile Lamps. INDIANA LAMP CORPORATION, Connersville, Ind. Published February 5, 1927.

9,683.—*Title:* IT IS POSSIBLE TO HAVE A WHITE WHITE HOUSE. For Paint. THE NEW JERSEY ZINC COMPANY, New York, N. Y. Published February 26, 1927.

9,684.—*Title:* 48 D K 1926 TURN ON THE SUNSHINE. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published October 27, 1926.

9,685.—*Title:* SANTRO BLACK BAND NIPPLES. For Nipples. JULIUS SCHMID, INC., New York, N. Y. Published September 10, 1926.

9,686.—*Title:* HELLO PHONE SPELLING CHART. For Telephone Spelling Charts. THOMAS SERPICO, Brooklyn, N. Y. Published January 18, 1927.

9,687.—*Title:* DESTROY HOUSEHOLD INSECTS—AVOID DISEASE. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,688.—*Title:* DESTROY HOUSEHOLD INSECTS—THEY CARRY DISEASE. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,689.—*Title:* THE RANGE OF DEATH. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,690.—*Title:* FLIES—A MENACE TO MAN. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,691.—*Title:* INSECTS BRING DISEASE TO THOUSANDS! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,692.—*Title:* A SKIN EXQUISITELY FRESH. For Beauty Cream. STEPHEN TERNEY, New York, N. Y. Published December 18, 1926.

REISSUES

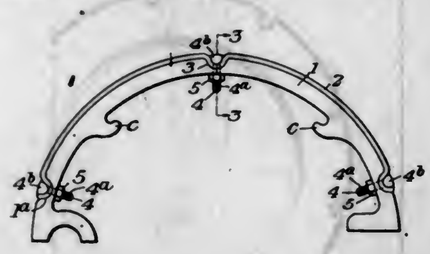
MARCH 29, 1927.

16,577. GAS-EMERGENCY CONTROL FOR FLOWING OIL OR GAS WELLS. ERD V. CROWELL, Los Angeles, Calif., assignor to The Guiberson Corporation, Dallas, Tex., a Corporation of Delaware. Filed Oct. 31, 1924. Serial No. 747,125. Original No. 1,432,674, dated Oct. 17, 1922, Serial No. 476,714, filed June 11, 1921. 22 Claims. (Cl. 166—1.)



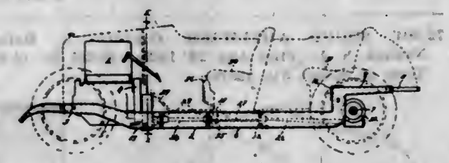
18. The combination with a hollow well packer, of a head having a gas escape port therein, a valve member carried by the head and movable relatively thereto for opening and closing said port, tubing extending through the packer and connected with the valve member, and positive means for holding the valve open while the packer is being set.

16,578. BRAKE-BAND LINING-SECURING MEANS. EDWARD TRIAT, Pittsburgh, Pa. Filed Aug. 3, 1926. Serial No. 126,908. Original No. 1,562,132, dated Nov. 17, 1925, Serial No. 695,014, filed Feb. 25, 1924. 2 Claims. (Cl. 188—234.)



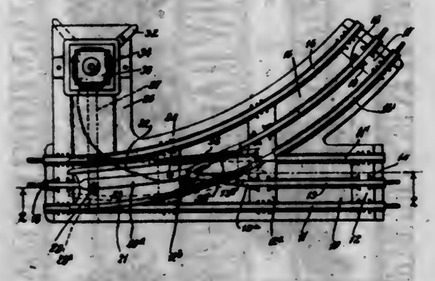
1. The combination with a brake shoe of open construction provided adjacent each end and centrally thereof with a transversely extending recess and openings extending through the shoe centrally of said recesses, T-bolts having their shanks extending through the shoe and being disposed so that the heads of the bolts are located within the recesses, a brake lining extending about the shoe with the shanks of the bolts extending through the lining and the heads transversely engaging the lining within the recesses and nuts threaded upon the shanks of the bolts and bearing against the brake shoe upon the face opposite the recesses to provide a single transversely central pull upon the lining at points spaced around the shoe and uniformly tension the lining.

16,579. MOTOR VEHICLE. JAMES S. BOOTH, Detroit, Mich. Filed June 28, 1926. Serial No. 119,263. Original No. 1,546,708, dated July 21, 1925, Serial No. 571,613, filed June 29, 1922. 10 Claims. (Cl. 180—70.)



5. In an automobile, the combination of a rear driving axle and axle housing, a chassis frame provided with a rear portion over said axle housing to give the usual necessary clearance and having a relatively deep drop just forward of said axle housing to provide a drop portion of the chassis frame with its lower side below the center of said rear axle when the same is in its normal position, a reinforcing cross bar for said chassis frame forward and above the center of said rear axle, a motor supported upon the front portion of said chassis frame and largely thereabove, a propeller shaft supported below said reinforcing cross bar and connecting said motor with said rear axle and having a driving connection with said rear axle the axis of which connection is below the main horizontal center line of the axle, thereby permitting the lowering of said chassis frame.

16,580. TOY TRAIN TRACK. JOSHUA L. COWEN, New York, N. Y., assignor to The Lionel Corporation, a Corporation of New York. Filed Jan. 27, 1927. Serial No. 164,105. Original No. 1,534,303, dated Apr. 21, 1925, Serial No. 626,683, filed Mar. 21, 1923. 16 Claims. (Cl. 246—419.)

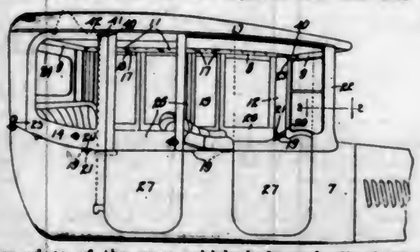


16. In a track switch for toy electric railroads, cooperative fixed and movable wheel bearing rails for routing

a train through a main line or onto a branch line, said wheel bearing rails including a pair of converging rails insulated from the other rails, and a stationary electrically continuous power supply rail extending through the main line and branch line and independent of the wheel bearing rails.

16,581. AUTOMOBILE TOP. MATTHEW R. HULL, Connersville, Ind., assignor to Rex Manufacturing Company, Connersville, Ind., a Corporation of Indiana. Filed Dec. 9, 1922. Serial No. 605,962. Original No. 1,425,014, dated Aug. 8, 1922, Serial No. 558,455, filed Mar. 29, 1917. 4 Claims. (Cl. 296—103.)

1. In combination with an open vehicle body, a deck provided with narrow longitudinal side members, means at the front and rear ends of the body for supporting the deck a fixed distance above the body, deck reinforcing rails secured to the side members of the deck and extending the length and around the corners of the deck and depending below the lower edges of the deck to form flanges, means for securing said rails to the deck side members, removable windows, panels and door extensions arranged between the lower edges of the deck and the

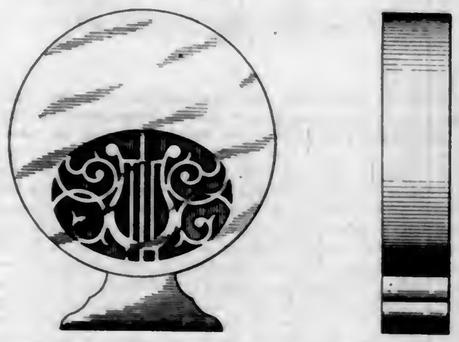


upper edges of the open vehicle body and alined by the depending portions of said deck reinforcing rails, and means for removably securing said windows, panels and deck reinforcing rails together, substantially as set forth.

DESIGNS

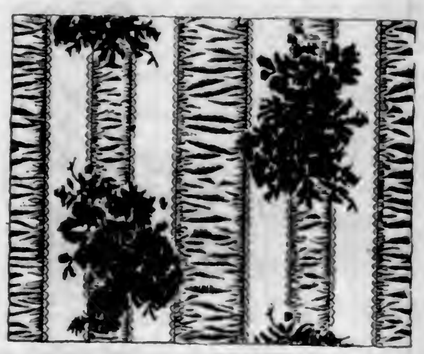
MARCH 29, 1927.

72,304. SOUND AMPLIFIER. GARROLD L. BAILEY, Newark, N. J. Filed Aug. 28, 1925. Serial No. 14,622. Term of patent 3½ years.



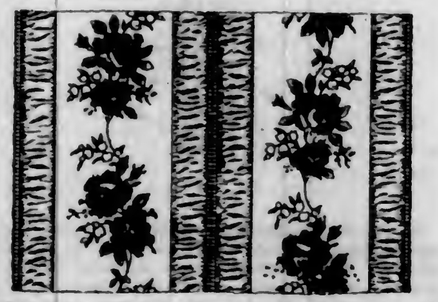
The ornamental design for a sound amplifier, as shown.

72,305. TEXTILE FABRIC OR SIMILAR ARTICLE. LUCIEN BIVA, Brooklyn, N. Y., assignor to Titus Blatter & Company, New York, N. Y., a Corporation of New York. Filed Feb. 3, 1926. Serial No. 16,389. Term of patent 7 years.



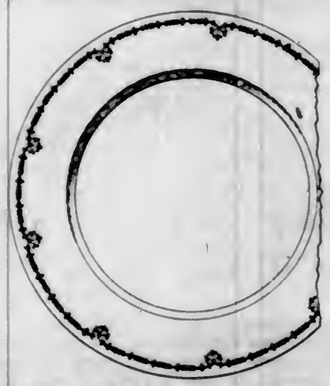
The ornamental design for a textile fabric or similar article substantially as shown.

72,306. TEXTILE FABRIC OR SIMILAR ARTICLE. LUCIEN BIVA, Brooklyn, N. Y., assignor to Titus Blatter & Company, New York, N. Y., a Corporation of New York. Filed Feb. 3, 1926. Serial No. 16,391. Term of patent 7 years.



The ornamental design for a textile fabric or similar article substantially as shown.

72,307. PLATE OR SIMILAR ARTICLE. JOSEPH F. CARNEY, New York, N. Y., assignor to Waldorf Asforia Service Corporation, Long Island City, N. Y. Filed Dec. 24, 1926. Serial No. 20,144. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown and described.

72,308. LIGHTING-FIXTURE PART. PAUL CRICCHIO, New York, N. Y., assignor to Royal Metal Lighting Fixture Co., Inc., a Corporation of New York. Filed Jan. 24, 1927. Serial No. 20,478. Term of patent 3½ years.



The ornamental design for a lighting-fixture part substantially as shown and described.

72,309. DRESS. TAUBE DAVIS, New York, N. Y., assignor to Franklin Simon & Company, Inc., New York, N. Y., a Corporation of New York. Filed Nov. 23, 1926. Serial No. 19,823. Term of patent 3½ years.



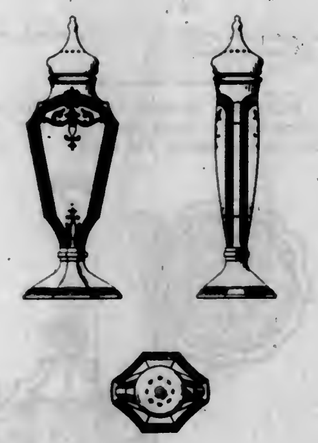
The ornamental design for a dress, substantially as shown and described.

72,310. BATHING SUIT. TAUBE DAVIS, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Dec. 10, 1926. Serial No. 20,005. Term of patent 3½ years.



The ornamental design for a bathing suit, substantially as shown and described.

72,311. COMBINED SALT AND PEPPER SHAKER. ALFRED J. FLAUDER, Bridgeport, Conn. Filed Feb. 10, 1927. Serial No. 20,665. Term of patent 7 years.



The ornamental design for a combined salt and pepper shaker substantially as shown.

72,312. COMBINED SALT AND PEPPER SHAKER. ALFRED J. FLAUDER, Bridgeport, Conn. Filed Feb. 11, 1927. Serial No. 20,698. Term of patent 7 years.



The ornamental design for a combined salt and pepper shaker substantially as shown.

72,313. FERN STAND OR ARTICLE OF SIMILAR NATURE. STANLEY A. FLOWERS, Pittsburgh, Pa., assignor to Pittsburgh Tinware Manufacturing Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Jan. 13, 1926. Serial No. 16,043. Term of patent 14 years.



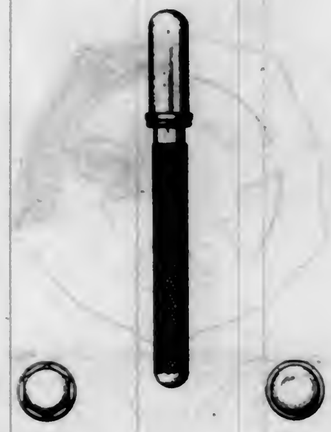
The ornamental design for a fern stand or article of similar nature, as shown.

72,314. ELECTRIC CHANDELIER. SAMUEL FROST, New York, N. Y. Filed June 12, 1926. Serial No. 18,012. Term of patent 3½ years.



The ornamental design for an electric chandelier, as shown.

72,315. THERMOMETER CASE. ISAAC Q. GURNEE, Butler, and ALBERT A. SMITH, Riverdale, N. J., assignors to Superior Hard Rubber Company, Butler, N. J., a Corporation of New Jersey. Filed Dec. 18, 1925. Serial No. 15,785. Term of patent 14 years.



The ornamental design for a thermometer case, as shown.

72,316. TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE. ALFRED J. HEINKE, Towaco, N. J., assignor to H. R. Mallinson & Co., Inc., New York, N. Y., a Corporation of Delaware. Filed Oct. 12, 1926. Serial No. 19,290. Term of patent 3½ years.



The ornamental design for a textile fabric or similar article of manufacture substantially as shown and described.

72,317. TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE. ALFRED J. HEINKE, Towaco, N. J., assignor to H. R. Mallinson & Co., Inc., New York, N. Y., a Corporation of Delaware. Filed Oct. 12, 1926. Serial No. 19,300. Term of patent 3½ years.



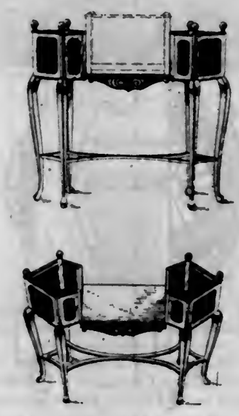
The ornamental design for a textile fabric or similar article of manufacture substantially as shown and described.

72,318. LIGHTING-FIXTURE STRAP. MICHAEL JONICK, New York, N. Y., assignor to Jonick Sirken Co., Inc., a Corporation of New York. Filed Dec. 15, 1926. Serial No. 20,053. Term of patent 3½ years.



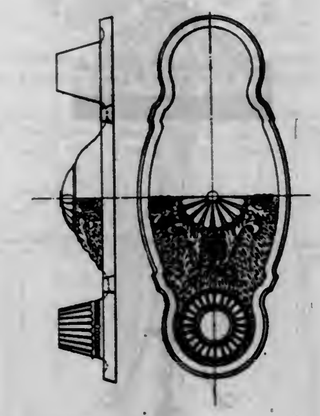
The ornamental design for a lighting-fixture strap substantially as shown.

72,319. FERNERY STAND. CHARLEY KOWALSKI, Chicago, Ill. Filed Mar. 2, 1925. Serial No. 12,539. Term of patent 7 years.



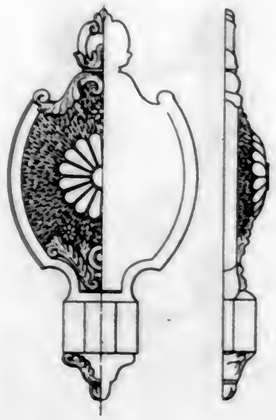
The ornamental design for a fernery stand, as shown.

72,320. ELECTRIC-LIGHT FIXTURE. CHARLES W. LOGAN, Kenmore, N. Y., assignor, by mesne assignments, to Markel Electric Products, Inc., Buffalo, N. Y., a Corporation of New York. Filed Dec. 4, 1926. Serial No. 19,927. Term of patent 3½ years.



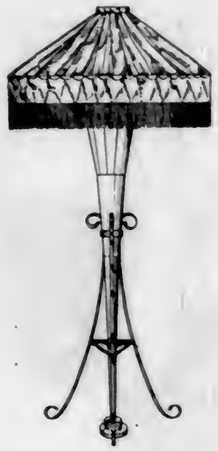
The ornamental design for an electric-light fixture, as shown.

72,321.. WALL PLATE FOR ELECTRIC-LIGHT FIXTURES. CHARLES W. LOGAN, Kenmore, N. Y., assignor, by mesne assignments, to Markel Electric Products, Inc., Buffalo, N. Y., a Corporation of New York. Filed Dec. 4, 1926. Serial No. 19,929. Term of patent 3½ years.



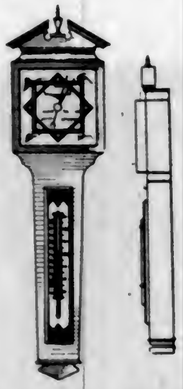
The ornamental design for a wall plate for electric-light fixtures, as shown.

72,322. COMBINED FLOOR LAMP AND SOUND AMPLIFIER. THOMAS TATLOW TANNEHILL, Toronto, Ontario, Canada. Filed Dec. 17, 1926. Serial No. 20,069. Term of patent 3½ years.



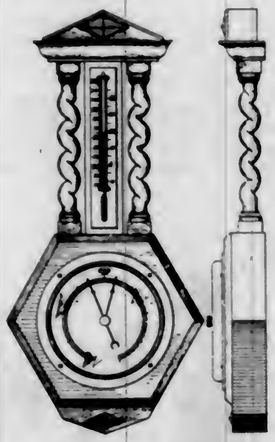
The ornamental design for a combined floor lamp and sound amplifier, as shown.

72,323. BAROMETER. HERBERT LONG, Walthamstow, London, England, assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed Sept. 27, 1926. Serial No. 19,179. Term of patent 14 years.



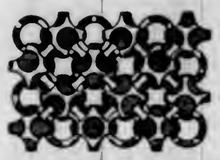
The ornamental design for a barometer, as shown.

72,324. BAROMETER. HERBERT LONG, Walthamstow, London, England, assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed Sept. 27, 1926. Serial No. 19,180. Term of patent 14 years.



The ornamental design for a barometer, as shown.

72,325. METALLIC MESH FABRIC. SAHATIEL G. MANDALIAN, North Attleboro, Mass. Filed June 24, 1924. Serial No. 9,957. Term of patent 14 years.



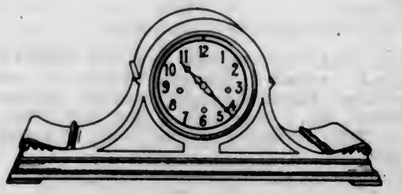
The ornamental design for a metallic mesh fabric, as shown.

72,326. HAND BAG. HYMAN MARGOLIN, New York, N. Y. Filed June 30, 1926. Serial No. 18,217. Term of patent 3½ years.



The ornamental design for a hand bag, as shown.

72,327. CLOCK CASE. NELS JAMES NELSON, Milwaukee, Wis., assignor to The Herschede Hall Clock Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 21, 1925. Serial No. 15,211. Term of patent 14 years.



The ornamental design for a clock case, as shown.

72,328. COFFEEPOT OR ANALOGOUS ARTICLE. HAROLD E. NOCK, Newburyport, Mass., assignor to Towle Manufacturing Company, Newburyport, Mass., a Corporation of Massachusetts. Filed Feb. 5, 1927. Serial No. 20,622. Term of patent 14 years.



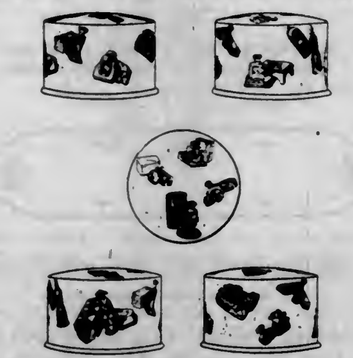
The ornamental design for a coffee pot or analogous article, substantially as shown.

72,329. CASING FOR A DIRECTION SIGNAL AND STOPLIGHT. JAMES C. NORDGRAN, Los Angeles, Calif. Filed Oct. 12, 1925. Serial No. 15,097. Term of patent 14 years.



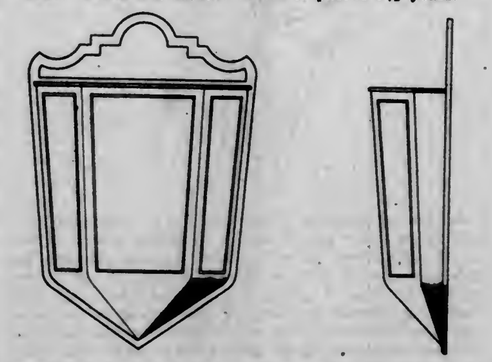
The ornamental design for a casing for a direction signal and stoplight substantially as shown.

72,330. BOX OR SIMILAR CONTAINER FOR TOILET PREPARATIONS. HAROLD H. RAYNOR, New York, N. Y., assignor to Les Parfums De Rosine, Inc., New York, N. Y., a Corporation of Delaware. Filed Oct. 26, 1926. Serial No. 19,490. Term of patent 7 years.



The ornamental design for a box or similar container for toilet preparations, substantially as shown.

72,331. WALL POCKET OR SIMILAR ARTICLE. GORDON E. ROEDDING, Grand Rapids, Mich. Filed Oct. 21, 1925. Serial No. 15,203. Term of patent 3½ years.



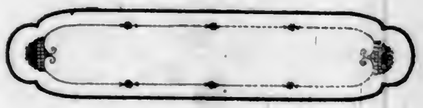
The ornamental design for a wall pocket or similar article substantially as shown.

72,332. CLOCK CASE. HENRY AUGUST SCHIERHOLTZ, La Salle, Ill., assignor to Western Clock Company, La Salle, Ill., a Corporation of Illinois. Filed Feb. 24, 1926. Serial No. 16,655. Term of patent 14 years.



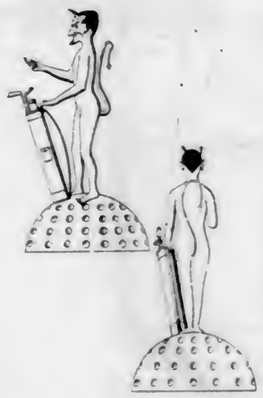
The ornamental design for a clock case as shown.

72,333. BUFFET SCARF. JACK SCHWAB, New York, N. Y. Filed Aug. 23, 1926. Serial No. 13,806. Term of patent 3½ years.



The ornamental design for a buffet scarf as shown.

72,334. PAPER WEIGHT. OKLA WILBUR SICKS, French Lick, Ind. Filed July 10, 1925. Serial No. 14,056. Term of patent 3½ years.



The ornamental design for a paper weight, as shown.

72,335. COAT. MAUDE SIEGEL, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 29, 1927. Serial No. 20,539. Term of patent 3½ years.



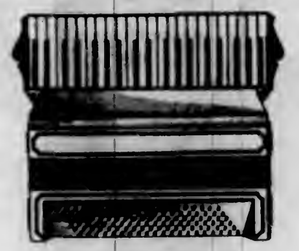
The ornamental design for a coat, substantially as shown.

72,336. ELECTRIC-HEATER BASE OR SIMILAR ARTICLE. ALBERT H. SIMMONS, Wheaton, Ill., assignor to Edison Electric Appliance Company, Incorporated, Chicago, Ill., a Corporation of New York. Filed Jan. 28, 1927. Serial No. 20,525. Term of patent 3½ years.



The ornamental design for an electric heater base or similar article substantially as shown.

72,337. ACCORDION. ROBERTO PANCOTTI, Brooklyn, N. Y. Filed Sept. 25, 1926. Serial No. 19,173. Term of patent 14 years.

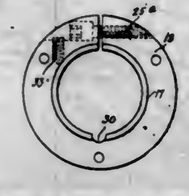


The ornamental design for an accordion, as shown.

PATENTS

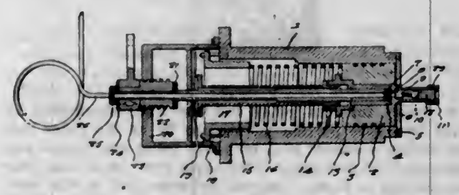
GRANTED MARCH 29, 1927.

1,622,265. ADJUSTABLE LEATHER-STRIP CUTTER. FRANK ACKERMANN and HERMAN GOULD, New York, N. Y. Filed Mar. 1, 1926. Serial No. 91,340. 2 Claims. (Cl. 164—70.)



1. In a cutting device of the nature described, a circular cutter, a circular die, comprising a split collar, an extension on the collar, a ring having an annular slot in its peripheral surface, said ring being seated on the extension and secured to the collar and means for springing the collar.

1,622,266. DEVICE FOR THE ATOMIZATION AND INJECTION OF LIQUIDS. CLARENCE JAMES AKE, Vallejo, Calif. Filed Aug. 12, 1925. Serial No. 49,863. 5 Claims. (Cl. 123—139.)



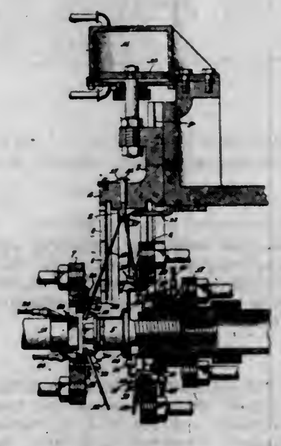
1. A device of the class described including a primary cylinder, a plate closing one end thereof and provided with a restricted opening, a primary piston slidable in the cylinder and having a reduced projection piercing the restricted opening, the diameter of the projection being smaller than the diameter of the opening, a frustoconical portion at the juncture of the primary piston with its projection for seating in the opening, and atomizer unit in the projection, a secondary cylinder in the primary piston, a secondary piston slidable in the secondary cylinder, said secondary piston being of hollow construction, a pair of check valves, one in the projection of the primary piston, and the other in the secondary piston adjacent the projection, and a spring associated with the primary piston normally holding its frustoconical portion closed against the restricted opening.

1,622,267. SUPPORT FOR VACUUM TUBES. MILTON ALDEN, Springfield, Mass. Filed Mar. 8, 1926. Serial No. 93,105. 8 Claims. (Cl. 173—328.)



1. A support for a vacuum tube or the like comprising, in combination, a socket and a plurality of yielding supports for said socket, each of said supports being formed in a single piece and embodying therein a torsion coil fast to said socket, said supports also embodying therein a contact arm projecting laterally from said coil and adapted to engage a terminal of a vacuum tube, said spring constituting an electric circuit connection thereto.

1,622,268. METHOD OF CONSTRUCTING SUSPENSION WHEELS. CHARLES S. ASH, Royal Oak, Mich. Filed May 11, 1925. Serial No. 29,633. 10 Claims. (Cl. 29—174.)



6. The method of constructing wire wheels which consists in locating and holding rim and hub members in concentric relation with spokes extending between said members, heating end portions of said spokes, and then forming laterally the said end portions of all of said spokes simultaneously to secure them to the members.

1,622,269 BRASSIÈRE ANCHOR. CECILIA BAILIE, Camden, N. J. Filed June 9, 1925. Serial No. 35,923. 1 Claim. (Cl. 24—225.)



As an article of manufacture, a brassière anchor comprising a hook including a body having a slot at its upper end, an integral upturned prong terminating in a curved lip, the terminal edge of said lip being spaced from the inner face of said prong, a strip of elastic tape secured to the body and passing through said slot, and a pin bar including a cross piece for coaction with the hook, said cross piece having inturned curved keepers and U-shaped pins secured to the ends of said cross piece with their free arms adapted for insertion in the keepers.

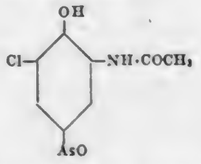
1,622,270. DEMOUNTABLE WHEEL RIM. FREDERICK WILLIAM BAKER, Stourbridge, England, assignor to Trinity Wheel Corporation, a Corporation of New York. Filed Feb. 1, 1926. Serial No. 85,261. 9 Claims. (Cl. 301—35.)



1. A demountable wheel rim comprising opposed side flanges each carrying a segment of the rim bed, and means on each segment for placing the segment carried by one flange in locking engagement with a portion of the opposed flange.

1,622,271. ACYLAMINO-HYDROXYBENZENE ARSINE OXIDES. LUDWIG BENDA, Mainkur, near Frankfort-on-the-Main, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a Corporation of Germany. Filed June 19, 1925, Serial No. 38,329, and in Germany July 3, 1924. 4 Claims. (Cl. 260—14.)

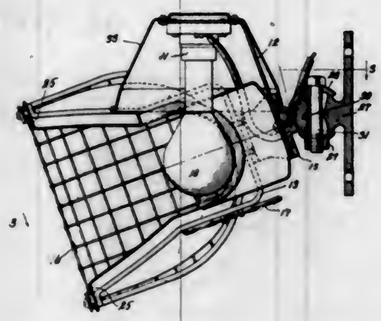
4. As new substance 5-chloro-4-hydroxy-3-acetylaminobenzene-arsine oxide of the formula



being a white powder dissolving hardly in water, gradually in dilute alkalies.

1,622,272. HIGHWAY-LIGHTING UNIT. REUBEN B. BENJAMIN, Chicago, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed May 15, 1924. Serial No. 713,417. 9 Claims. (Cl. 240—25.)

1. A high-way lighting unit comprising means for supporting a source of light and reflector means for controlling the light distribution, comprising two pairs of concave reflector members, one pair being located intermediate the members of the other pair, the outer pair of members being in the form of trough-like wings extending in substantially opposite directions from the light center, each of said trough-like wings having an open side and open ends, and having means for reflecting the light rays incident thereon as a beam through the outer open end thereof whereby the two wings throw two beams of light in substantially opposite directions, each of the intermediate reflector members having means for



reflecting rays of light incident thereon through the inner open end of that wing portion which is farthest from it.

1,622,273. TENT-POLE SOCKET. SIEVERT THEODORE ANDERSON, Chicago, Ill. Filed Dec. 27, 1924. Serial No. 758,401. 1 Claim. (Cl. 135—2.)



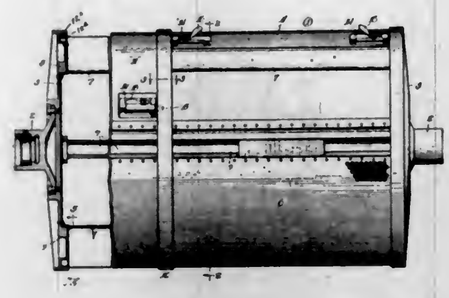
A socket for tent poles and the like, comprising an angle iron base portion adapted to fit at the inner side and within a corner of a tent and being continuous and imperforate at the corner of the angle iron, said base portion having a socket disposed between and in the common plane of the ends of the angle iron and opening at its outer end to receive a tent pole and the like, said socket being closed at its inner end by said imperforate corner of the angle iron to prevent the pole from projecting through the wall of the tent, said base portion having bracing webs between the ends of the angle iron and the socket to support the latter.

1,622,274. NOZZLE AND CAP THEREFOR. CHARLES A. ANTHONY, New York, N. Y., assignor to Metal Package Corporation of New York, New York, N. Y., a Corporation of New York. Filed Oct. 18, 1924. Serial No. 744,314. 3 Claims. (Cl. 220—39.)



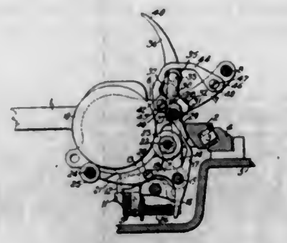
1. In combination with a screw-threaded nozzle including an abutment flange on the upper edge thereof, a screw-threaded closure adapted to be screwed on said nozzle, said closure including an enlarged top portion having formed thereon an upwardly extending cup portion spaced from the periphery of said top portion, a washer fitting within said cup portion and adapted to be compressed against said flange.

1,622,275. CYLINDER CONSTRUCTION. FRITZ BALKER, Moline, Ill., assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill., a Corporation of New York. Filed Nov. 14, 1923. Serial No. 674,633. 3 Claims. (Cl. 68—18.)



1. Cylinder construction comprising supporting members provided with integral aligned abutments and a plurality of sheet metal members carried by said abutments and shaped to conform to the abutments upon said supporting members, said sheet metal members comprising the cylindrical wall of said cylinder construction, each of said sheet metal members being mounted to extend from one set of abutments to and conformed over the next set of abutments.

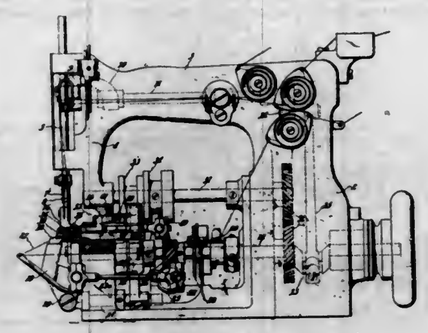
1,622,276. TYPEWRITING MACHINE. EDWIN E. BARNEY, New Rochelle, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed July 5, 1924. Serial No. 724,187. 12 Claims. (Cl. 197—138.)



1. In a typewriting machine, the combination of a platen, a pressure roll cooperative therewith, a release rock shaft, a train of releasing devices connecting said rock shaft with said pressure roll, a crank arm fixed to said rock shaft, a release key lever of the first order fulcrumed directly on said crank arm, and a part with which said lever coacts.

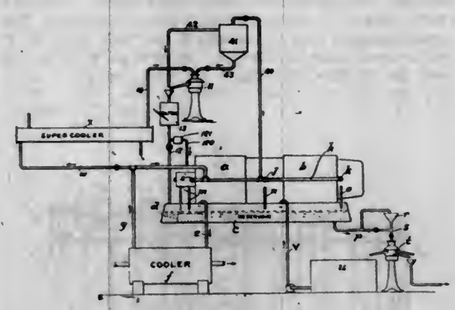
1,622,277. SPREADER MECHANISM FOR SEWING MACHINES. RUDOLPH BECKER, North Plainfield, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Nov. 29, 1924. Serial No. 752,876. 5 Claims. (Cl. 112—162.)

1. The combination with a sewing machine having a plurality of eye-pointed needles, a loop-taker, and a vertically movable presser-foot and presser-bar, of spreader implements mounted and sustained independently of the presser-foot and presser-bar on the needle side of the work entirely at one side of the line of seam-formation and disposed with their working extremities above and



closely adjacent the presser-foot, said implements being free to move vertically when the presser-foot is lifted.

1,622,278. LUBRICATING-OIL PURIFYING AND RECLAIMING SYSTEM. FREDERIC R. C. BOYD, Boston, Mass., assignor to The De Laval Separator Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 26, 1924. Serial No. 740,001. 22 Claims. (Cl. 184—6.)

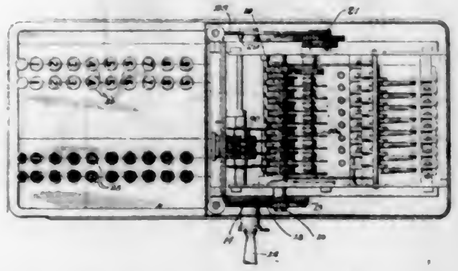


1. The process of purifying and reclaiming oil from the bearings of an engine which consists in establishing a flow of oil drained from the engine and differentially cooling different fractional parts of said oil and purifying that part of the oil that has been cooled to the lower temperature.

1,622,279. MULTIPLYING MACHINE. JAMES W. BAYCE, Binghamton, N. Y., assignor to The International Time Recording Company of New York, a Corporation of New York. Filed Apr. 22, 1921. Serial No. 463,534. 42 Claims. (Cl. 235—60.)

1. In a multiplying machine the combination with contacts corresponding to the digits of the multiplicand and means such as a bank of keys for setting up or connecting such contacts with a source of current, of multiplying

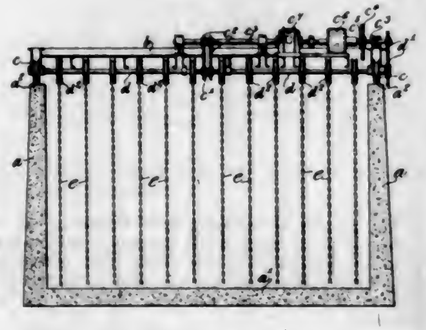
slugs such as are herein described corresponding to the digits of the multiplier and other means such as a second bank of keys for selecting the slugs and bringing the selected slugs into operative electrical relation to the multiplicand contacts, a counter and means intermediate the slugs and said counter for connecting the active product indicating contacts of the slugs to the appropriate



counter mechanisms for registering the numerals corresponding to the active product contacts.

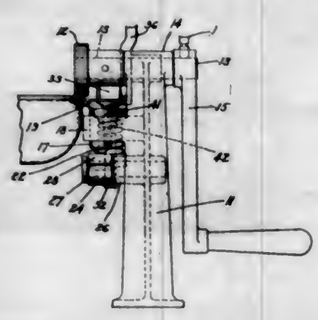
41. In a calculating device, a device upon which values of a product may be set up, means for actuating the same, a plurality of electrical contact elements representing multiplication tables for controlling said actuating means, and multiplier and multiplicand keys for controlling the operation of said elements.

1,622,280. APPARATUS FOR AGITATING SLURRY, ETC. JOHAN S. FASTING, Valby, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y., a Corporation of New Jersey. Filed Sept. 5, 1924. Serial No. 736,010. 1 Claim. (Cl. 259—144.)



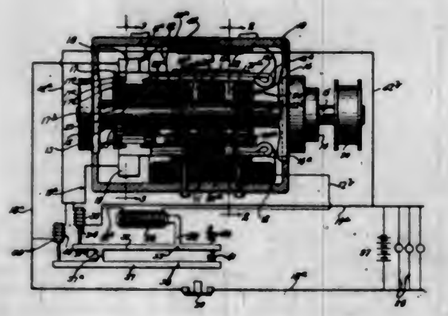
In combination with a tank to receive slurry, a carrier supported on the wall of the tank and having a shaft with a series of sprocket wheels, chain loops suspended from the sprocket wheels within the tank, means to rotate the shaft and sprocket wheels, means to cause the carrier to move bodily above the tank, weighted air pipes pivotally supported from the carrier, and means to supply air and pressure to the air pipes.

1,622,281. WELT-ROLLING MACHINE. ANDREW H. HAVIR, Minneapolis, Minn., assignor to Progressive Shoe Machinery Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Feb. 1, 1923. Serial No. 616,363. 9 Claims. (Cl. 12—67.1.)



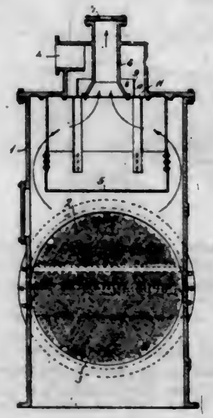
1. In a welt rolling machine, relatively movable members between which the welt is gripped and rolled, oscillating means for forcing one of said members toward the other one, and mechanism adapted to hold said one member in its welt gripping position.

1,622,282. APPARATUS FOR GENERATOR REGULATION. GEORGE E. HULSE, New Haven, Conn., assignor to The Safety Car Heating & Lighting Company, a Corporation of New Jersey. Filed Mar. 12, 1923. Serial No. 624,583. 20 Claims. (Cl. 171—229.)



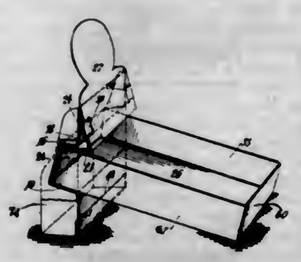
1. In apparatus of the character described, in combination, a generator having a frame member and a rotary current-carrying member, one of said members being provided with a duct therein, regulating means for said generator arranged to control a function of the output of said generator and including a heat responsive device, and means for passing a heat-absorbing medium through said duct to be heated in its passage therethrough, said device being positioned to be affected by the heated medium.

1,622,283. DEAERATOR. RUSSELL C. JONES, Bronxville, N. Y., assignor to The Griscom-Russell Company, New York, N. Y., a Corporation of Delaware. Filed May 24, 1924. Serial No. 715,718. 10 Claims. (Cl. 183—2.5.)



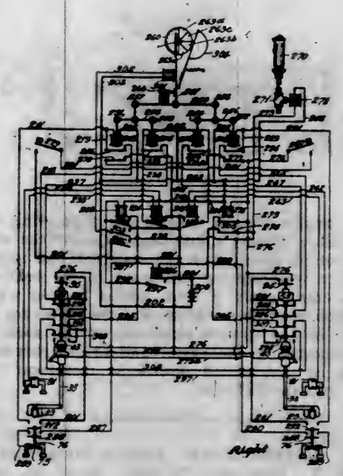
1. Deaerating apparatus of the class described comprising a containing shell for the liquid being treated, means for heating the liquid to expel the gases contained therein, an inlet for admitting untreated liquid, means for accommodating a portion of said incoming liquid and distributing it in the apparatus as a curtain of falling rain, means for distributing that portion of the liquid not accommodated by said first mentioned distributing means, an outlet for permitting escape of the expelled gases and means for directing the stream of evolved gases and vapors thru said falling curtain of incoming liquid to thereby condense said vapors and prevent escape thereof.

1,622,284. DISPLAY BOX. FRANK XAVER LIST, New York, N. Y., assignor to National Card Mounting Company, New York, N. Y., a Corporation of New York. Filed Oct. 12, 1920. Serial No. 416,506. 9 Claims. (Cl. 206—44.)



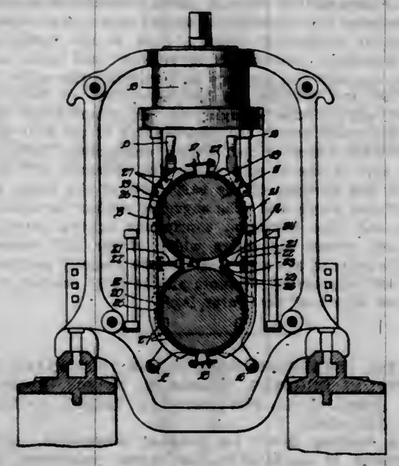
6. A display carton comprising a container, a cover therefor having an opening to receive an end of the container, when the cover is stood on end, a portion of the bottom of the container being foldably connected with said end of the container, having a part extending above the container and sliding in and out the opening therewith.

1,622,285. CAB-SIGNAL AND TRAIN-CONTROL SYSTEM. MATTHEW H. LOUGHRIDGE, Bogota, N. J. Filed Nov. 18, 1920, Serial No. 424,889, and in Canada Apr. 6, 1920. 106 Claims. (Cl. 246—63.)



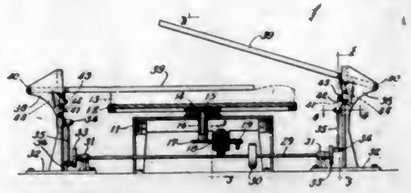
1. In combination, a railway track, a magnet on said track comprising a plurality of ridges, means for magnetizing said ridges by direct current and independent means for magnetizing said ridges by alternating current.

1,622,286. METHOD AND APPARATUS FOR HEATING ROLLS. ROBERT L. MCINTOSH, Indiana Harbor, Ind., and GORDON FOX, Chicago, Ill.; said Fox assignor to Freyn Engineering Company, Chicago, Ill., a Corporation of Maine, and said McIntosh assignor to Inland Steel Company, Chicago, Ill., a Corporation of Delaware. Filed Mar. 3, 1924. Serial No. 696,466. 10 Claims. (Cl. 80—41.)



10. In combination, a roll, a pair of electrical heating elements extending longitudinally of said roll, each of said heating elements comprising a resistor arranged to have a varying heating effect longitudinally of the corresponding element.

1,622,287. MATTRESS-BEATING MACHINE. DAVID MICON, Benton Harbor, Mich. Filed Jan. 27, 1923. Serial No. 615,288. 3 Claims. (Cl. 226—43.)



1. The combination of a table for supporting a mattress or other article, a standard adjacent the table, a beater pivotally mounted on the standard, and means for imparting a reciprocating movement to the beater comprising a crank shaft, a block guided in said standard, a connection between the block and the beater for lifting the beater on the upward movement of the block, and a spring connected to the beater and to the standard for imparting an accelerated downward movement to the beater to beat the mattress.

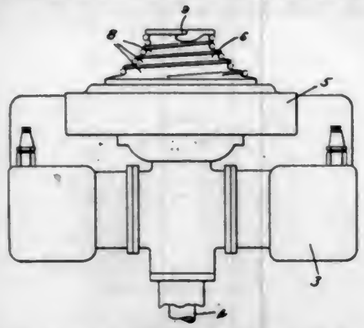
1,622,288. BAFFLE WALL. JOHN E. MUHLFELD, Scarsdale, N. Y. Filed Oct. 26, 1920. Serial No. 419,621. 3 Claims. (Cl. 110—37.)



1. In combination with a furnace combustion chamber having vertically disposed water legs at the sides thereof and spaced water tubes extending longitudinally through said combustion chamber; an arch wall consisting of baffle units positioned in a common horizontal plane extending substantially entirely across the combustion chamber between the vertically disposed water legs, spaced cylindrical supporting elements fixed to the water legs and projecting transversely therefrom, said units each having opposite end portions of identically the same construction and provided on the lower face of each end portion with a tube engaging surface adapted for close seating contact across the entire width of the unit upon one of said tubes or for seating engagement upon the upper side of one of said supporting elements, and each of said end portions of the baffle unit at the upper side thereof and above said tube engaging surface terminating in an end face having a continuous convex curvature extending across the entire width of the unit whereby the side units of the arch wall may be properly positioned upon said supporting elements and in close relation with the side sheets of the water legs.

1,622,289. STARTING DEVICE FOR INTERNAL-COMBUSTION ENGINES. VICTOR B. NELSON, Rockford, Ill. Filed July 11, 1924. Serial No. 725,327. 4 Claims. (Cl. 123—185.)

2. A starting device for internal combustion engines comprising, in combination, an engine crankshaft, and a body connected to rotate with said crankshaft, said body having a peripheral groove winding in convolutions thereabout and having at one end means for detachably connecting a rope or cord thereto, whereby a rope attached to the body and wound in said groove may be pulled at its free end for imparting rotary motion to the body, the convolutions at the end of the groove at which the rope is attached to the body being of less radius than that at the opposite end of the groove at which the



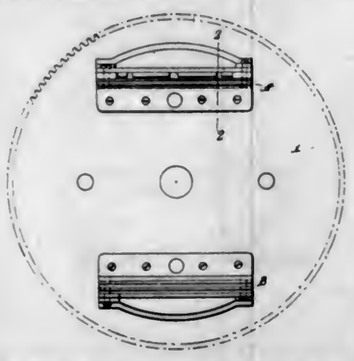
motion is initiated, whereby greater leverage is obtained in imparting the initial rotary motion and said motion will be accelerated with constant lineal pull of the rope.

1,622,290. PAD REST. THEOPHIELD D. OAKLEY, Chicago, Ill., assignor, by mesne assignments, to Defiance Sales Corporation, New York, N. Y., a Corporation of New York. Filed July 10, 1922. Serial No. 574,001. 3 Claims. (Cl. 40—120.)



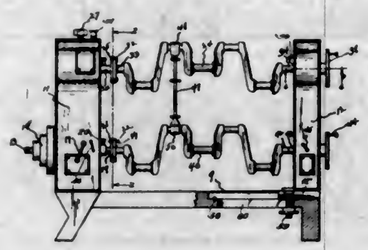
1. The combination with a pad stand having oppositely inclined sections with intermediate staples for holding pad leaves on one of the sections so that the leaves turn over on to the other section, of an attachment adapted to detachably interlock with the staples for holding the leaves in an upraised position above the latter section.

1,622,291. TYPOGRAPHICAL MACHINE. HANS PETERSEN, Davenport, Iowa; Stella Charlotte Petersen, executrix of said Hans Petersen, deceased, assignor to The Linograph Company, Davenport, Iowa, a Corporation of Maine. Filed Mar. 21, 1924. Serial No. 700,921. 6 Claims. (Cl. 199—13.)



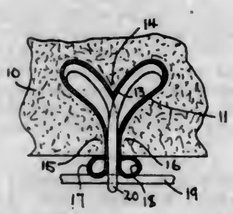
1. Assembling mechanism for assembling matrices at two levels and a carrier for casting at three levels in combination with a line delivering channel adapted to deliver matrices assembled in the second level to the carrier in either the second or third levels of the carrier.

1,622,292. LATHE. LEO RENO, Flint, Mich. Filed Apr. 14, 1924. Serial No. 706,296. 7 Claims. (Cl. 51—166.)



1. A lathe adapted for use in polishing crank shafts, comprising a crank bearing supporting member; means for supporting said crank bearing members; means for supporting rotatably a crank shaft to be polished adjacent said crank bearing member; means for rotating said crank shaft; and polishing means associated with said crank shaft and said crank bearing member for effecting the rotation of said crank bearing member upon the rotation of said crank shaft.

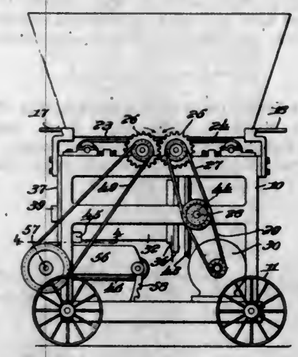
1,622,293. STAPLING DEVICE. JOHN H. ROUTSON, Flint, Mich. Filed Aug. 1, 1924. Serial No. 729,442. 1 Claim. (Cl. 256—54.)



A staple securing means comprising: a tubular member having divergent side walls, the converging edges of said walls being slightly spaced apart, said side walls diverging on an arc, said tubular member opposite said edges being formed re-entrant to provide a spreading portion for engaging between the prongs of a staple driven into the space separating said converging edges, the inner surface of said tubular member at opposite sides of the apex of said re-entrant portion defining curves intersecting in a line determined at the apex of said re-entrant portion, said side walls and said re-entrant portion thus forming a pair of divergent channels, the closed end thereof being substantially semi-circular, said curved surfaces engaging throughout their length the prongs of a staple driven therein, the closed ends of said channels engaging the ends of said prongs for clenching the same.

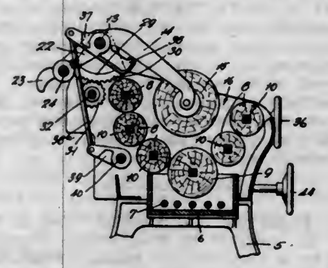
1,622,294. MIXING MACHINE. JOSEPH SAULNIER, New Bedford, Mass. Filed Oct. 16, 1925. Serial No. 62,866. 10 Claims. (Cl. 83—73.)

1. A mixing machine of the class described comprising a frame; containers for the ingredients to be mixed; a mixing receptacle comprising flexible walls; means whereby ingredients from said containers will be conveyed to and dumped into one end of said receptacle; a mixing implement revolubly arranged in said receptacle; means to



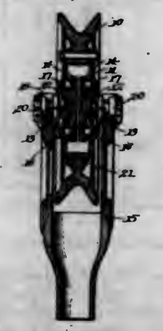
receive mixed material from said receptacle and convey it to a given point; and means to moisten said mixed material in its transit to a given point.

1,622,295. HAT-FELTING MACHINE. FRANCIS SCHAEFFER, Mohnton, Pa. Filed Dec. 26, 1924. Serial No. 758,117. 12 Claims. (Cl. 26—23.)



1. In a felting machine, driven bed rollers and a pounding roller between which the material is to be confined, said pounding roller being of sectional formation, and means for raising and lowering the sections of the pounding roller.

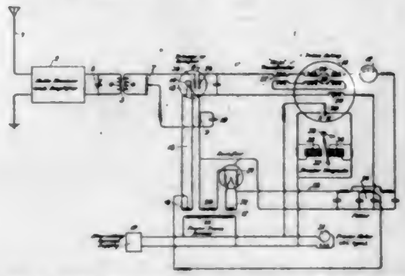
1,622,296. TROLLEY WHEEL. FREDERICK THORNTON, Huntington, W. Va. Continuation in part of application Serial No. 598,813, filed Nov. 3, 1922. This application filed July 31, 1925. Serial No. 47,351. 8 Claims. (Cl. 308—190.)



1. A bearing for trolley wheels comprising, in combination, a wheel rim having discs secured to the opposite sides thereof, said discs presenting lateral grooves providing annular raceways on their inner faces, a pair of

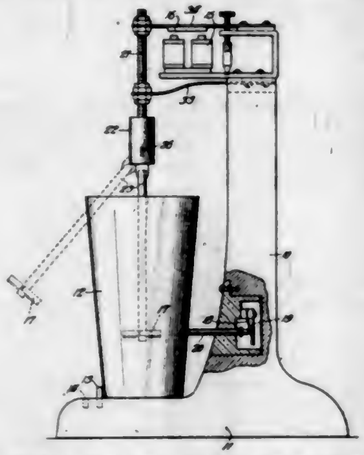
separate non-rotatable race members arranged between said discs, each presenting a lateral groove providing annular raceway complemental to the raceway in one of said discs and balls arranged in said complemental raceways to provide side-thrust anti-friction bearings for the wheel.

1,622,297. RADIO PRINTING-TELEGRAPH SYSTEM. GILBERT S. VERNAM, River Edge, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 29, 1924. Serial No. 758,710. 7 Claims. (Cl. 250—8.)



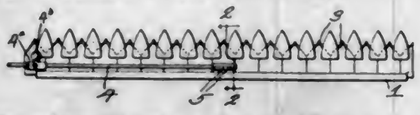
1. In a radio printing-telegraph system, the combination with a radio receiver having means to change the frequency of the printing telegraph impulses to an intermediate frequency above the limits of audibility, of means to amplify the detected impulses, and a printing-telegraph printer containing a polar relay, the armature of which is adapted to control the energization of the magnets of the said printer, and a detector adapted to control the said polar relay by the variation of the space current resulting from the application to the said detector of the intermediate frequency signaling currents.

1,622,298. VIBRATOR MECHANISM. LEO J. WAHL, Sterling, Ill., assignor to Wahl Clipper Corporation, Sterling, Ill., a Corporation of Illinois. Filed June 28, 1926. Serial No. 119,050. 15 Claims. (Cl. 259—113.)



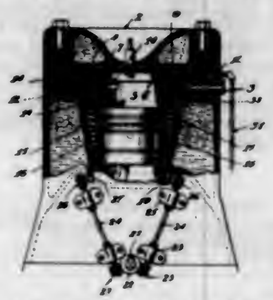
1. A device of the character described comprising a stand having means to support a receptacle, an agitator support adapted to project into said receptacle, means for causing a to-and-fro movement of said agitator, and means for swingingly mounting said agitator support so that said receptacle when being mounted in place or taken away is adapted to engage and move said agitator support toward and away from its operative position.

1,622,299. CUTTER-BAR CONNECTING ROD. JOHN M. WANAMAKER, Trenton, Mo. Filed Jan. 8, 1924. Serial No. 684,992. 1 Claim. (Cl. 56—299.)



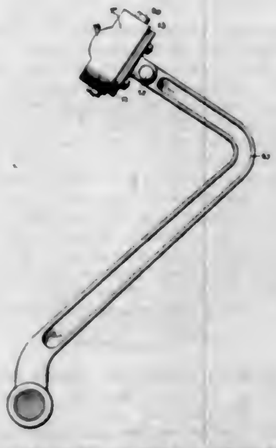
The combination with a mowing machine cutter bar, a cutter guard in which said bar is slidably mounted, said cutter bar and guard being substantially horizontally disposed, of a flexible operating rod, one end of said operating rod being rigidly and non-movably connected to the cutter bar substantially centrally thereof, said flexible operating rod inclining upwardly and outwardly towards one end of the cutter bar.

1,622,300. INTERNAL-COMBUSTION ENGINE. WALTER P. WIENS, Peoria, Ill. Filed Nov. 3, 1924. Serial No. 747,448. 11 Claims. (Cl. 123—80.)



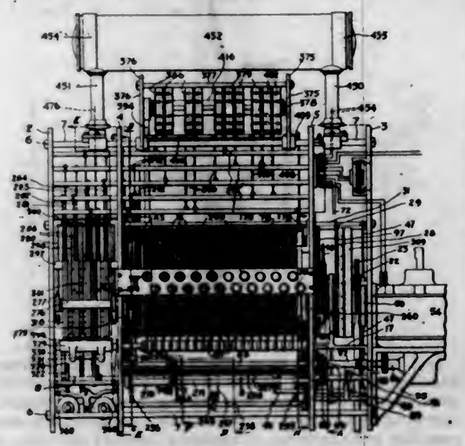
1. An internal combustion engine including in its construction an engine block having a tapered bore constituting a seat for a cylinder, including ports leading into said bore, and a tapered cylinder adapted to have a working fit upon the walls in said seat, said cylinder having a cylindrical bore, the walls of said cylinder having ports therein to register with those of the block.

1,622,301. ELECTRICAL SWITCH MECHANISM. CHARLES FRANCIS WOLFORD, Santa Ana, Calif. Filed Oct. 23, 1923. Serial No. 670,290. 1 Claim. (Cl. 200—59.)



A switch mechanism comprising a pivoted support, a base plate fixed thereon, a pair of lower outer contacts fixed to said base plate, a lower intermediate spring controlled contact projecting from the upper face of said plate and arranged between said pair of contacts, each of said fixed contacts in a normally open circuit, said spring controlled contact permanent in circuit with a source of electrical energy, said contacts insulated from each other, a foot actuated circuit opening and closing element pivoted upon said plate and associated with said fixed contacts, a conductor secured to and insulated from the lower face of said element, an upper pair of outer contacts, an upper intermediate contact, said upper contacts fixedly secured to and having permanent electrical connection with said conductor, said intermediate contact in electrical engagement with said spring controlled contact, said upper outer contacts selectively engaging with the lower outer contacts on the pivoting movement of said element to electrically couple with the said other contacts that circuit in which is disposed the engaged outer contact to close such circuit, and means interposed between the ends of said element and plate for normally maintaining the lower outer contacts spaced from the upper outer contacts.

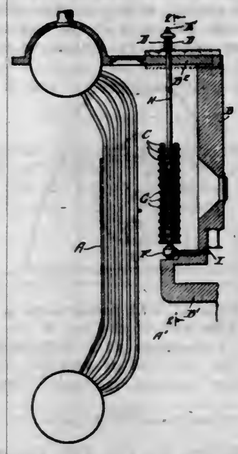
1,622,302. SCALE. GEORGE R. WOOD, Dayton, Ohio, assignor to Dayton Scale Company, Dayton, Ohio, a Corporation of New Jersey. Original application filed July 19, 1919, Serial No. 312,096, and in Canada July 18, 1919. Divided and this application filed Mar. 4, 1924. Serial No. 696,764. 25 Claims. (Cl. 265—5.)



1. In a computing scale, the combination with means adapted for connection to the platform thereof, of a rotary device operatively constructed and arranged to be rotated by said means when an article is placed upon the scale, said device including a pair of rotating members, both of which are rotated by the weight of an applied load, the periphery of one of said members being toothed, means for locking said toothed member, and means intermediate of said members and effecting a yielding connection therebetween for the purpose of permitting rotation of the other member when the toothed member is locked.

1,622,303. HANGER BOLT FOR BOILER SETTINGS. ROBERT H. WYLD, Hempstead, and WALTER F. KENNAN, Jr., Pelham, N. Y., assignors to Power Specialty Company, New York, N. Y., a Corporation of New York. Filed May 15, 1923. Serial No. 639,056. 2 Claims. (Cl. 122—510.)

1. In a boiler setting comprising a hanger bolt located in a high temperature portion of the setting, the improvement which consists in a sleeve surrounding the bolt with an air space between the bolt and the sleeve which is in communication at its upper and lower

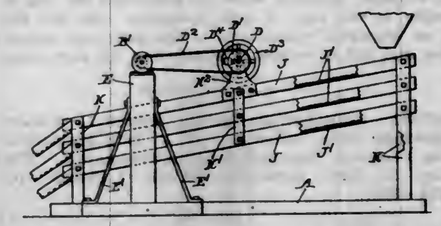


ends with the atmosphere, whereby the bolt is cooled by air drawn through said air space by the chimney action of the latter.

1,622,304. PROCESS OF MANUFACTURING STORAGE BATTERIES. CHESTER M. ANGELL, Chicago Ill., assignor to Vesta Battery Corporation, Chicago, Ill., a Corporation of Illinois. Filed Nov. 5, 1923. Serial No. 672,990. 2 Claims. (Cl. 136—176.)

1. In a process of making storage batteries, the steps which consist in drying the surfaces of freshly pasted plates, then burning the plates into groups in which the plates assume their final structural relation of positive and negative plates respectively, then assembling such groups of positive and negative plates in their usual relation and forming the assemblies in the otherwise finished battery.

1,622,305. SCREEN. JOHN BLAND, Chicago, Ill. Filed Nov. 13, 1924. Serial No. 749,584. 19 Claims. (Cl. 209—347.)

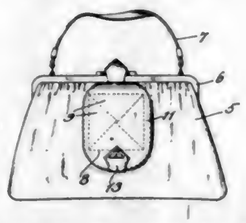


1. In a screen device, a screen and screen frame including transversely opposite holding parts other than springs for said screen, said holding parts being rigidly mounted and held against longitudinal movement in combination with means for bending and vibrating all of such screen frame whereby said screen is vibrated.

1,622,306. LADY'S HAND BAG. MAURICE BORFUSS, Brooklyn, N. Y., assignor to Morgenstern & Brosseau, Inc., New York, N. Y., a Corporation of New York. Filed Mar. 26, 1926. Serial No. 97,541. 1 Claim. (Cl. 150—28.)

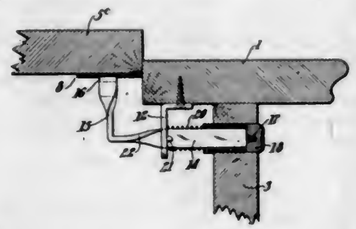
In combination with a handbag a pocket adapted to receive an article and having a base wall secured to the outer side of one of the side walls of the bag adjacent

the bag frame, and relatively foldable collapsible side walls adapted when folded to extend over and confine the article in said pocket, a flap flexibly attached at one of its ends to the side wall of the bag at one side of the pocket and adapted to extend over and conceal



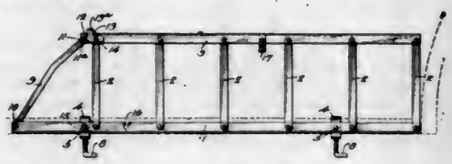
the collapsed walls of said pocket, and a fastener tab secured to the side wall of the bag at the opposite side of the pocket to cooperate with complementary fastening means on the free end of said flap and releasably secure the latter against movement relative to the bag wall.

1,622,307. LIFTING DEVICE FOR COVERS. DANIEL H. CHASON, Elizabeth, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Aug. 12, 1925. Serial No. 49,681. 4 Claims. (Cl. 268—1.)



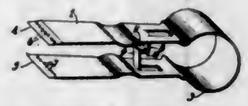
1. The combination with a receptacle having an apertured top and a cover closing the aperture in such top, of a cover-lifting device free of connection with such cover comprising a manually operated rod slidably and rotatably mounted below the receptacle top and accessible at the side of such receptacle, said rod having an angularly related arm at its inner end adapted when said rod is rotated to engage and lift such cover.

1,622,308. LUGGAGE CARRIER. MELVIN L. CLELAND, Hastings, Nebr., assignor to G. A. Roth Manufacturing Company, Hastings, Nebr., a Corporation. Filed Apr. 15, 1926. Serial No. 102,275. 7 Claims. (Cl. 224—29.)



1. A luggage carrier including an upper bar, a lower bar, links connecting the bars and pivotally attached thereto to admit of the upper bar being moved toward and away from the lower bar, a locking bar pivotally connected to the lower bar, a lateral stud in the swinging end of the locking bar, the upper bar being formed with a keyhole slot adapted to detachably receive the stud, means for locking the stud in engagement with the contracted end of the key hole slot to hold the parts in an extended position, the locking bar being adapted to be swung downwardly along side of the lower bar when the parts are collapsed and the lower bar being formed with a notch to receive the stud.

1,622,309. DATE PITTER. LESTER C. DE FOREST, Westfield, N. J., assignor to Hills Brothers Company, Inc., a Corporation of New York. Filed Feb. 17, 1926. Serial No. 88,803. 2 Claims. (Cl. 146—31.)



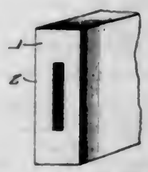
1. A tool for pitting dates comprising a pair of outwardly spring-pressed jaws, having straight, elongated cutting edges at the ends thereof, the said cutting edges being parallel to each other and adapted to be moved and held in contact with each other.

1,622,310. VEHICLE WHEEL CONSTRUCTION. LEWIS FINE, Philadelphia, Pa., assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 2, 1919. Serial No. 269,289. 4 Claims. (Cl. 301—9.)



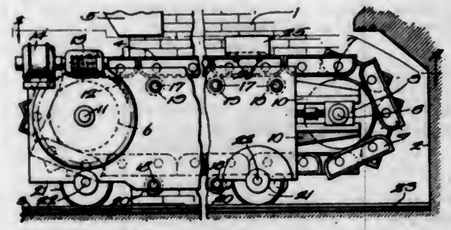
1. A wheel of the class described, comprising the combination of a hub, having a portion of non-circular cross section, a wheel disc having a central opening therein and a portion of non-circular cross section surrounding said opening, a retaining member screwed on said hub and clamping said disc thereto, and a locking member carried by said retaining member and engaging said disc to prevent rotation relative thereto.

1,622,311. DEFORMABLE EXPANSION-CONTRACTION JOINT. ALBERT C. FISCHER, Chicago, Ill. Filed Feb. 20, 1926. Serial No. 89,773. 7 Claims. (Cl. 94—18.)



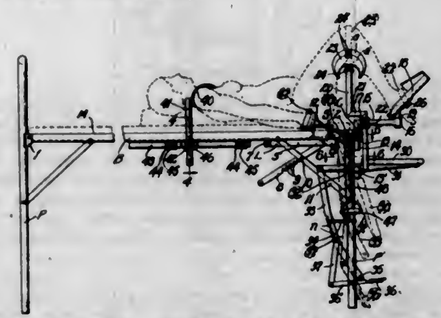
1. A deformable expansion-contraction joint, comprising a plastic strip having internal longitudinally divided non-adhering vertical walls, said walls adapted to expand and contract for increasing or decreasing the transverse dimension of the strip.

1,622,312. CLINKER-REMOVING DEV... WILLIAM GAUGHRIN, Chicago, Ill. Filed Feb. 12, 1926. Serial No. 87,816. 4 Claims. (Cl. 110—40.)



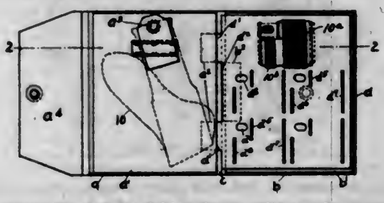
1. Apparatus for removing clinkers from the side walls of furnaces including an endless traveling conveyor having upper and lower stretches and a clinker removing member upon said conveyor, the conveyor and clinker removing member having interengaging holding formations interacting to prevent separation of said conveyor and member when said member is in the upper stretch of the conveyor to enable said member to effect removal of clinker and permitting said member to fall from the conveyor upon reversal in the direction of travel of the holding formation upon the conveyor.

1,622,313. OBSTETRICAL BED. GEORGE GELLHORN, St. Louis, Mo. Filed June 13, 1925. Serial No. 36,919. 1 Claim. (Cl. 45—50.)



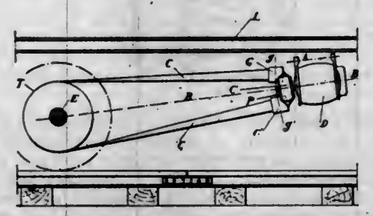
An obstetric bed comprising head and foot frames, a bed-bottom supported thereby, a pair of brackets adjustably mounted in spaced relation on the foot frame, each of said brackets being provided with a pair of sockets in spaced relation, a foot-rest revolubly mounted in one of said sockets and a limb-support adjustably mounted in the other socket, said limb support comprising a standard and a saddle movably mounted on the upper end thereof, the vertical axis of said saddle being offset from the socket carrying the standard.

1,622,314. REVISABLE SAMPLE FOLDER. WILLIAM H. GOSCH, Reading, Pa., assignor to The Nolde and Horst Company, Reading, Pa., a Corporation of Pennsylvania. Filed Aug. 4, 1925. Serial No. 48,161. 1 Claim. (Cl. 211—34.)



A revisable sample folder for textile goods, comprising a folding envelope having hinged-together covers the adjacent edges of which are provided with tongue-receiving pockets staggerdly arranged and one cover of which is provided on its inner face with article-attaching means; and a swatch card leaf made up of a backing sheet, and a facing sheet having swatch-card engaging pockets and provided with reversely bendable hinge-tongues removably engaged in said staggerdly-arranged cover pockets.

1,622,315. BELT-DRIVING DEVICE FOR RAILWAY-CARRIAGE DYNAMOS. HENRI GUILLOU, Montrouge, France. Filed Jan. 28, 1925, Serial No. 5,384, and in France Jan. 28, 1924. 6 Claims. (Cl. 105—102.)



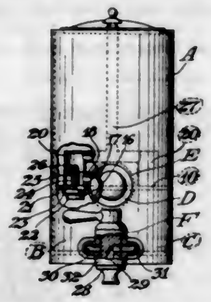
1. In a drive for a dynamo connected to a railroad car or the like having trucks, the combination of means for connecting said dynamo to said car independently of said trucks, secondary revoluble driving means for said dynamo spaced from the shaft of said dynamo, said secondary revoluble driving means being supported from said car independently of said trucks, primary revoluble driving means mounted on a truck and connected to and adapted to operate said secondary driving means, said secondary driving means being wholly free from any connection with said trucks save for their connection with said primary driving means, the respective axes of revolution of said primary driving means and of said secondary driving means being non-parallel.

1,622,316. CLIP FOR PENCILS, PENHOLDERS, AND LIKE ARTICLES. BENJAMIN W. HANLE, Elizabeth, N. J., assignor to Eagle Pencil Company, New York, N. Y., a Corporation of Delaware. Filed July 24, 1926. Serial No. 124,578. 4 Claims. (Cl. 24—11.)



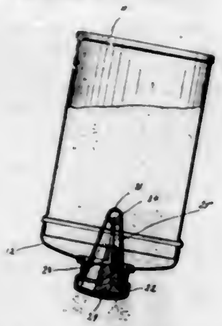
1. In a device of the character described, the combination with a cap provided with an opening in its periphery, of a tempered spring secured within the cap and having a bent portion extending out through the opening, said bent portion merging into a second portion extending substantially parallel to and out of contact with the periphery of the cap, and a rust-proof pocket-clip element secured to and covering the exterior surfaces of said second portion of the spring.

1,622,317. AUTOMATIC MEASURING DEVICE FOR LIQUIDS. NORMAN B. IRVING, Philadelphia, Pa. Filed Oct. 21, 1926. Serial No. 143,165. 2 Claims. (Cl. 221—110.)



2. The combination with an urn provided with a false bottom, of a plurality of measuring compartments positioned beneath the said false bottom, a valve seat formed in said false bottom, a housing formed over said valve seat, a plunger valve slidably positioned in said housing; means for communicating said urn with the said measuring compartments for filling the same, by the outward movement of said plunger valve; buoyantly operable means for communicating said measuring compartments, when being filled, with the atmosphere, whereby said compartments may be shut off from the atmosphere when filled and the measured quantity of liquid retained in said compartments; means for communicating said measuring compartments, when being filled, with the atmosphere by the inward movement of said plunger valve; and means for causing the optional discharge of any of said compartments.

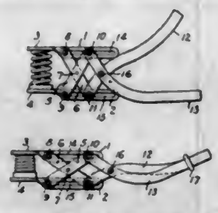
1,622,318. RECEPTACLE. ANDRE JANER, Flushing, N. Y. Filed Aug. 12, 1925. Serial No. 49,690. 9 Claims. (Cl. 221—64.)



1. A receptacle for talcum powder and the like comprising a body and a cover having a perforated portion through which the contents of the receptacle is adapted to be discharged, in combination with a weighted member the upper end of which is adapted to play over and scrape the entire inner surface of said perforated portion, a support carried by the receptacle for the weighted member, and means for loosely connecting the other end of said weighted member to said support.

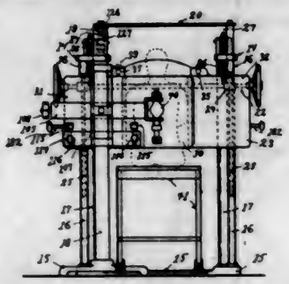
1,622,319. DEVICE FOR COMPRESSING VALVE SPRINGS OF INTERNAL-COMBUSTION ENGINES AND FOR LIKE PURPOSES. HENRY CAMPBELL JENKINS, Hove, England. Filed May 4, 1926, Serial No. 106,595, and in Great Britain Dec. 7, 1925. 3 Claims. (Cl. 29—86.3.)

2. A device for compressing valve springs of internal-combustion engines and for like purposes, comprising arms provided with bifurcated jaws moving parallel to one another, curved crossed handles detachably pivoted to



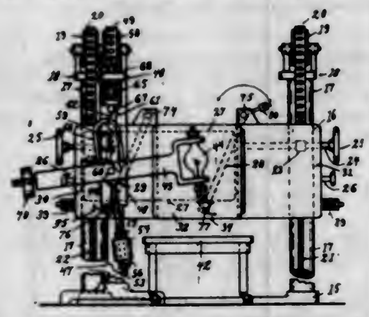
said arms, said handles being pivoted to one another at their point of intersection.

1,622,320. RADIOGRAPHIC APPARATUS. JOHN ROBERT KELLEY, Covington, Ky. Filed Oct. 16, 1925. Serial No. 62,922. 53 Claims. (Cl. 250—34.)



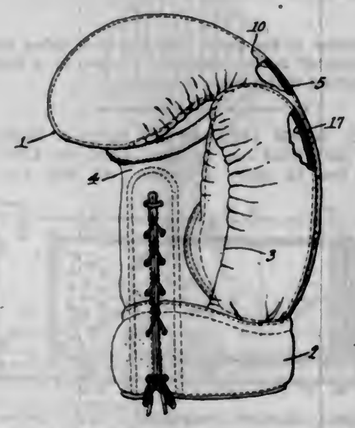
1. A radiographic apparatus comprising in combination with a source of radiant energy, and shields spaced apart and impervious to radiant energy, a plate holder supporting member pendulously supported and adjustable in rear of said shields, a plate holder mounted upon said supporting member and movable therewith relative to said shields, and a space pervious to radiant energy intermediate of said shields, means to release said supporting member from one fixed position near one extremity of its pendulous movement, means to latch said supporting member after a period of movement to another fixed position near the opposite extremity of its pendulous movement, and an energizing member adjustable into engagement with said supporting member to insure a substantially uniform predetermined pendulous movement of said supporting member.

1,622,321. RADIOGRAPHIC APPARATUS. JOHN ROBERT KELLEY, Covington, Ky. Filed May 17, 1926. Serial No. 109,610. 9 Claims. (Cl. 250—34.)
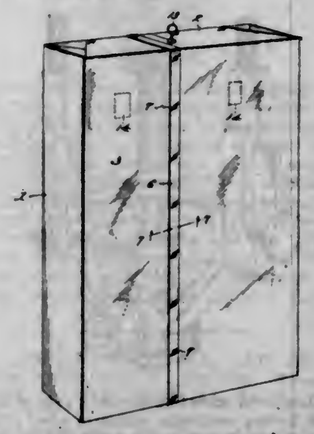


1. A radiographic apparatus comprising sensitive plates to be radiographically exposed, an X-ray generator, a pivotally mounted support for said generator having a pendulous movement to adjust the position of said generator, and means operable to positively lock said support and generator alternately at opposite extremities of the pendulous movement of said support to thereby adjust said X-ray generator from one position to another position without exciting vibratory movement in said generator or its supporting members.

1,622,322. BOXING GLOVE. DANIEL J. KENNEDY, Yonkers, N. Y. Filed Aug. 23, 1926. Serial No. 131,032. 2 Claims. (Cl. 2—18.)



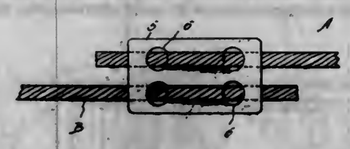
1. A boxing glove comprising a casing and an inflatable cushion in the casing and extended longitudinally of the glove, the inner wall of the cushion being flexible and inelastic, and the outer wall of the cushion being flexible and expansible, whereby when the cushion is inflated, the glove will be given a longitudinal curvature, the end of the cushion being turned to overlie the inner wall of the cushion, and a flexible inelastic connection between said end of the cushion and the inner wall thereof.

1,622,323. MOTHPROOF BAG. MARY E. KUIK, Racine, Wis. Filed Sept. 28, 1926. Serial No. 138,261. 3 Claims. (Cl. 206—7.)



1. A garment protecting bag of the character specified having a reenforcing strip attached to an end portion of the back and adapted to have end portions of the sides and front folded thereover.

1,622,324. LINE-SPLICING DEVICE. PHILIP H. LETTRE, North Attleboro, Mass. Filed July 9, 1926. Serial No. 121,387. 1 Claim. (Cl. 24—129.)

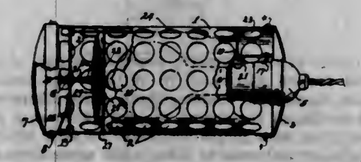


In a line splicing device of the class described, a flat plate member of substantially rectangular shape, said plate being formed with spaced pairs of longitudinally aligned end receiving openings, teeth formed at the inner opposed sides of the longitudinally aligned openings, one end of the line adapted to pass through one pair of longitudinally aligned openings, the adjacent end of the line passing through the other pair of longitudinally aligned openings, said teeth biting into the respective end portions of the line for securing the same against displacement from the openings.

1,622,325. MOLDING OF PIPES AND LIKE HOLLOW ARTICLES. MARCEL LEVY, Geneva, Switzerland, assignor to "Prodor" Fabrique de Produits Organiques S. A., Canton of Geneva, Switzerland, a Corporation. Original application filed Nov. 2, 1922, Serial No. 598,651, and in Switzerland Nov. 16, 1921. Divided and this application filed July 22, 1924. Serial No. 727,575. 4 Claims. (Cl. 18—48.)

1. The method of molding hollow concrete articles from hot concretes which comprises casting them in molds with cores, removing any parts of said molds and cores which impede the contraction of the concrete on cooling after the concrete has set, thereby allowing the free contraction of said concrete.

1,622,326. ELECTRIC BED WARMER. ANSON T. LISTER, Wichita, Kans. Filed Mar. 1, 1926. Serial No. 91,535. 2 Claims. (Cl. 219—45.)

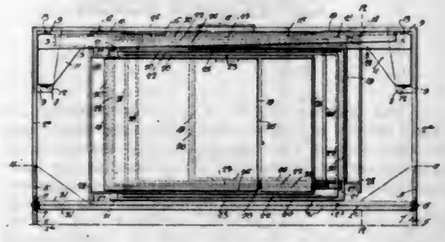


1. In an electric bed warmer, the combination of a perforated housing and a lamp concentrically supported by the end of the housing and positioned axially therein, of a partition spaced a short distance from the opposite end, an annular thermostat having flexible sides and being filled with ether or like substance as reciprocating means for the sides, a screw centrally connected to the thermostat, a pivotally connected bar engaging with the screw, a spring to tension the bar toward the thermostat, a bell crank pivotally connected to the lamp, a rod connecting said bell crank with the free end of the bar as actuating means therefor when energized by the thermostat, contact members in the insulation of the lamp, a pin slidably engaging through the insulation as circuit closing means for the contact members, said pin being pivotally connected to the bell crank and actuated thereby, all as, and for the purpose described.

1,622,327. CHAIR TABLE SET. BENJAMIN S. LIVINGOOD, Lebanon, Pa., assignor to Livingood Manufacturing Corporation, Lebanon, Pa., a Corporation of Pennsylvania. Filed Nov. 15, 1923. Serial No. 674,928. 1 Claim. (Cl. 190—12.)

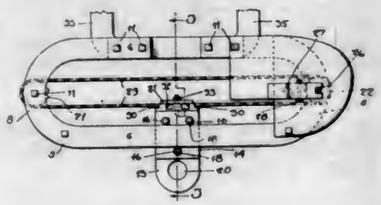
A table comprising two flanged top sections hinged together and adapted to be folded so that the edges of the said flanges meet to form a closed casing, each of said

sections being adapted for reception of at least one folding chair, an overhanging flange on each of said sections at their connected edges under which said chair is adapted to lie, and legs secured at each of the outer corners



of said sections and adapted to fold into said sections in a position at the outer edges of said sections overlying said chairs, said overhanging flanges with the said legs constituting means for retaining the chairs within the sections which they respectively occupy.

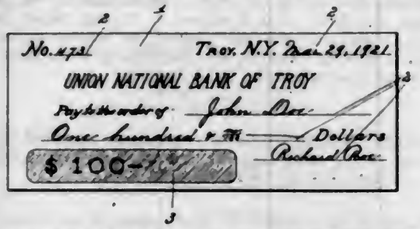
1,622,328. TRACTOR HITCH. JOHN P. LIVINGSTON, Clyde, N. Y. Filed July 31, 1926. Serial No. 126,181. 1 Claim. (Cl. 280—33.10.)



In a device of the character described, a pair of spaced elongated frames positioned in vertical alinement with each other, a movable tongue slidably carried between the parallel portion of the spaced elongated frames, a pair of complementary wear plates positioned on each side of the movable tongue, adapted to ride on the inner faces of the elongated frames, rollers revolubly carried on each side of the movable tongue adapted to engage the lateral edge of the elongated frames, staggered teeth formed on the movable tongue, opposite sprocket wheels carried between the arcuate portions of the elongated frames, one of said sprocket wheels being mounted on a vertical shaft and the other sprocket wheel carried by one of the elongated frame spacing bolts, a sprocket chain passing around the sprocket wheels, and clamped between the teeth on the movable tongue and the clamping plate, a hand wheel mounted on the upper end of the vertical shaft for imparting motion to the sprocket chain and movable tongue, a connecting U-shaped frame carried between the other parallel portion of the elongated frames, adapted to connect the device to a tractor or the like and a guard plate of a concaved curvature positioned above one of the sprocket wheels and having an opening for the reception of the vertical shaft.

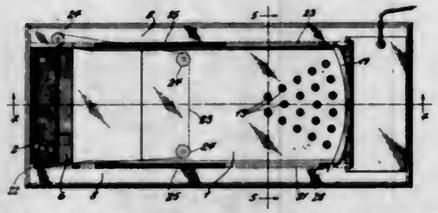
1,622,329. METHOD OF PROTECTING CHECKS. CHARLES A. MACCORDY, Albany, N. Y., assignor to MacCordy Master-Check Corporation, Syracuse, N. Y., a Corporation of New York. Filed Apr. 7, 1921. Serial No. 459,251. 9 Claims. (Cl. 283—9.)

1. A blank for a negotiable instrument or the like, having thereon appropriately designated spaces for the entry of the usual data, the said blank having, further, a delineated space which is more permeable to light than



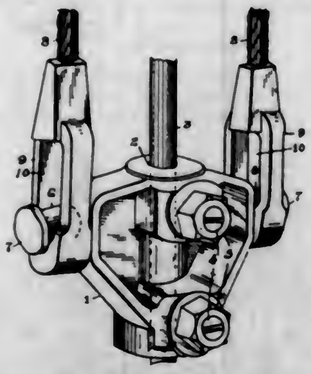
the remainder of the sheet, the said space being adapted to be disrupted by the formation thereon of a plurality of designating characters.

1,622,330. GAME APPARATUS. DAVID C. MADER, St. Louis, Mo. Filed Jan. 26, 1925, Serial No. 4,759. Renewed Jan. 19, 1927. 7 Claims. (Cl. 273—123.)



2. A game apparatus comprising a table, devices supported by the table for indicating the results of successful plays, positions defined upon the top of the table as positions of successful plays, balls arranged to be rolled along the top of the table to said positions in making successful plays, means for operating a corresponding one of said devices when a ball enters one of said positions thereby indicating the making of a successful play, and a device for moving the balls from said positions along the table top toward the players.

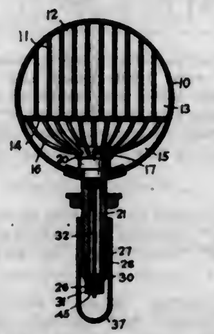
1,622,331. POLISHED-ROD GRIP. JOSEPH R. MAHAN, Toledo, Ohio, assignor to The National Supply Company, Toledo, Ohio, a Corporation of Ohio. Filed Dec. 24, 1926. Serial No. 156,856. 1 Claim. (Cl. 255—18.)



In a polished rod operating device, a pair of suspension means each having vertically elongated eyes, a body having a vertical hole therein for a polished rod, means carried by the body for clamping the rod to the body, horizontal trunnions projecting from opposite sides of the body and seated in the lower ends of the said eyes, and heads on the trunnions beyond the outer faces of the

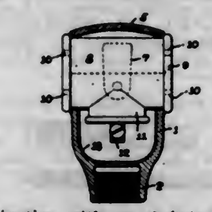
suspension means, the vertical dimension of heads being not greater than the width of the eyes and the horizontal dimension of the heads being greater than the width of the eyes and not greater than the length thereof, the heads overlapping the suspension means at both sides of the eyes.

1,622,332. INNER-TIRE VALVE. DOMENICO MARRAZZO, Brooklyn, N. Y. Filed Oct. 7, 1925. Serial No. 60,948. 10 Claims. (Cl. 152—12.)



1. A valve for an inner tube comprising a valve cylinder, a closure for said cylinder containing a plurality of openings, flexible tubes forming air passages from said openings, and a bodily movable member in said cylinder for controlling the opening and closing of all of said openings simultaneously.

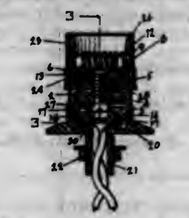
1,622,333. CASING FOR ELECTRICAL FITTINGS. WILLIAM F. MESCHENMOSER, New Dorp, N. Y.; Julia Jeanette Meschenmoser, executrix of said William F. Meschenmoser, deceased, assignor to Russell & Stoll Company, New York, N. Y., a Corporation of New York. Filed Feb. 24, 1925. Serial No. 11,039. 2 Claims. (Cl. 247—1.)



1. In combination with an electrical fitting having a body with binding posts extending downwardly therefrom and provided with end walls each having openings therein for receiving the jacks of a plug, of a casing for receiving and holding said fitting, said casing comprising a hollow body part and a detachable cover, said casing having annular openings receiving and supporting the body of the fitting with the ends thereof only exposed to view and the binding posts extending into the body of the casing, said detacnable cover engaging said fitting for holding the latter in said body part and cover and having portions forming parts of the walls of said annular openings.

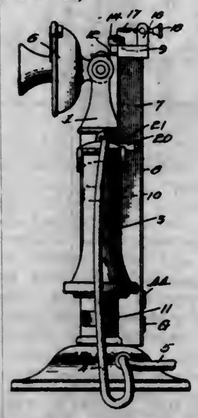
1,622,334. AUTOMOBILE CIGAR AND CIGARETTE LIGHTER. BENJAMIN L. METZGER, Toledo, Ohio. Filed Nov. 30, 1925. Serial No. 72,184. 8 Claims. (Cl. 219—32.)

5. In an electric cigar and cigarette lighter, a shell, a pair of terminals connected to a source of supply of an electric current located in the shell, a second shell telescopingly supported by the first named shell, a resistance element located in the second named shell and having contacts connected to its ends adapted to make contact with the electric terminals in the first named shell, a spring pressed disc connected to the first named shell, the ends of the contacts of the second named shell being



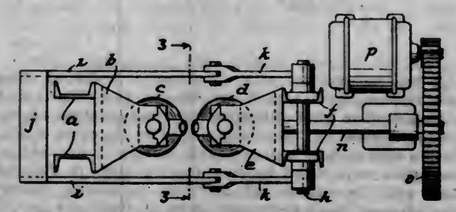
located within the said disc, the first named shell having means for uncovering the contacts when the second named shell is moved inwardly with respect to the first named shell.

1,622,335. RADIO RECEIVER ATTACHMENT FOR TELEPHONES. GEORGE F. MITCHELL, Washington, D. C. Filed Oct. 3, 1925. Serial No. 60,845. 13 Claims. (Cl. 179—2.)



1. A radio receiver attachment for telephones comprising, in combination, a telephone stand, a support adapted to carry radio receiving apparatus, a contact member extending from said support, and spring arms carried by said support for engagement with opposite sides of said telephone stand for securing said support with respect to said telephone stand with said contact member in operative engagement with the upper extremity of said telephone stand for establishing electrical connection therewith.

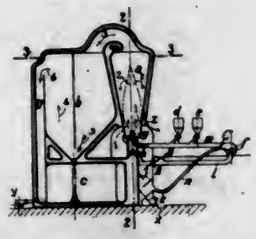
1,622,336. APPARATUS FOR MANUFACTURING CONTINUOUS TUBING FROM SEPARATE REELS OF SKELP. JOHN W. MOON, Butler, Pa., assignor to Fretz-Moon Tube Company, Butler, Pa., a Corporation of Pennsylvania. Filed Feb. 27, 1925. Serial No. 12,086. 8 Claims. (Cl. 78—83.)



1. In an apparatus for manufacturing a continuous length of tubing from separate reels of skelp, the combi-

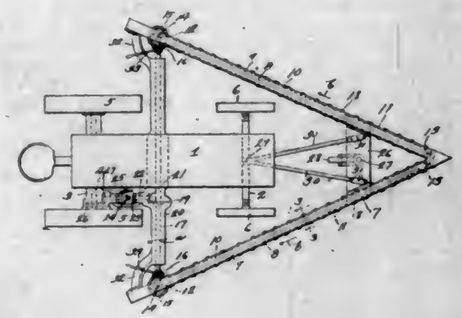
nation with a furnace through which the skelp is adapted to travel, means to form the skelp into tubing and to continuously draw the skelp through the furnace, means at the rear of the furnace to hold reels of skelp, a welding contrivance, a reeling-out machine adapted to engage the skelp from the reels and unwind it from the reels for delivery to the furnace, and driving means for said machine adapted to operate said machine to unwind said skelp at a higher rate of speed than that at which it is pulled through the furnace and adapted to be stopped to allow the rear end of the skelp from one reel to be welded to the front end of the skelp from another reel.

1,622,337. KILN FOR THE BURNING OF CEMENT. CARL NASKE, Berlin-Charlottenburg, Germany. Filed Feb. 7, 1925. Serial No. 7,629, and in Germany Jan. 8, 1924. 4 Claims. (Cl. 222—3.)



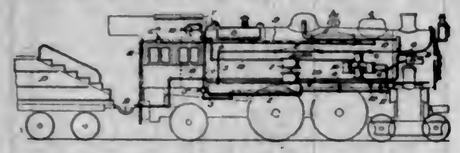
1. In a calcining kiln for cement and the like, a burning and calcining shaft, a single conduit for introducing solid cement material in finely divided condition, air and fuel from below into the bottom thereof, and substantially in an upward direction, means adapted to introduce secondary air into said bottom portion in close vicinity of the material-air-and-fuel introducing means, discharging means communicating with the bottom portion below the said fuel-air-and-material introducing means and a settling chamber communicating with the top portion of the shaft.

1,622,338. SNOWPLOW. CLAUS R. NEWHAUS, Benson, Nebr. Filed Mar. 8, 1926. Serial No. 93,166. 3 Claims. (Cl. 37—44.)



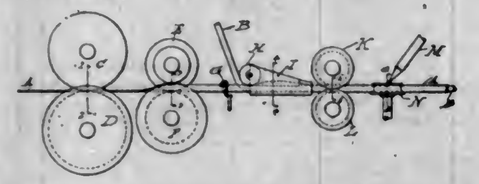
1. The combination with a tractor, a V-shaped snow plow disposed forwardly of said tractor, the sides of said V-shaped snow plow diverging to opposite sides of the tractor, endless belt conveyors carried by the sides of said plow, a transversely disposed shaft carried by the tractor, gear drive connections between the transversely disposed shaft and the endless belt conveyors, a driving connection between the transversely disposed shaft and one of the axles of the tractor and clutch means for controlling the operation of the transversely disposed shaft.

1,622,339. APPARATUS FOR CHANGING THE WATER IN BOILERS. SPENCER OTIS, Chicago, Ill., assignor to The Locomotive Terminal Improvement Company, Chicago, Ill., a Corporation of Maine. Filed July 22, 1920. Serial No. 398,249. 5 Claims. (Cl. 122—379.)



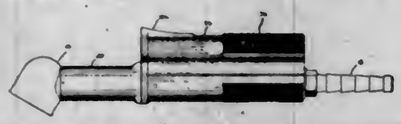
1. In combination with a boiler, means for releasing air below the water level therein and thereby bringing precipitate of the boiler into suspension and causing it to rise to an upper stratum of the water; and a skimmer adapted to permit the water of such boiler with its suspended sediment to blow off from near the surface of the water.

1,622,340. PROCESS OF CURING RUBBER HOSE AND THE LIKE. CHARLES H. PAEPLOW, Buffalo, N. Y. Filed Feb. 17, 1926. Serial No. 88,837. 10 Claims. (Cl. 18—55.)



1. The process of curing tubing or the like containing rubber, consisting of bending a sheet of metal in solid form around the tubing to determine the outside diameter thereof, subjecting the interior of the tubing to pressure and vulcanizing the rubber of said tubing while the same is pressed by interior pressure against said metal.

1,622,341. COMBINED AIR NOZZLE AND GAUGE. MAITLAND STORM PLATT, Toronto, Ontario, Canada. Filed Sept. 3, 1926. Serial No. 133,421. 9 Claims. (Cl. 152—11.5.)

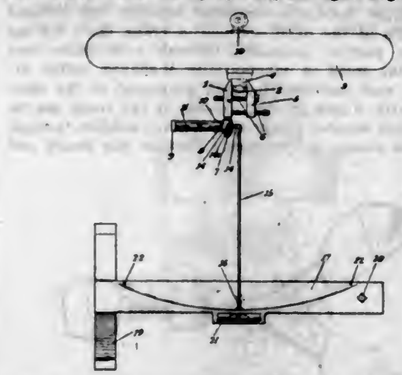


1. A device of the kind described comprising a sleeve having an air inlet and an opening in the wall thereof, an air pressure indicating gauge mounted adjacent said sleeve and operatively connected with said opening, a valve closing said inlet, a hollow piston slidable in said sleeve adapted to close said opening and open said valve when telescoped within said sleeve, and an air chuck carried by said piston.

1,622,342. DEVICE FOR TESTING KNUCKLE-PIN CASTERS. GEORGE W. PRATHER, Santa Cruz, Calif. Filed July 13, 1926. Serial No. 122,151. 6 Claims. (Cl. 33—203.)

1. A device for testing the caster of a knuckle pin, said pin being associated with a wheel spindle which projects laterally therefrom, said device including a gage rod to project laterally and outwardly from the spindle, means for detachably but rigidly securing one end of the rod in connection with the spindle, a horizontal table adapted to be arranged so that the other end of the rod when said rod is connected to the spindle will overhang the table at both limits of swinging movement of the rod

with the turning of the pin, a level mounted on said connecting means and projecting at right angles to the



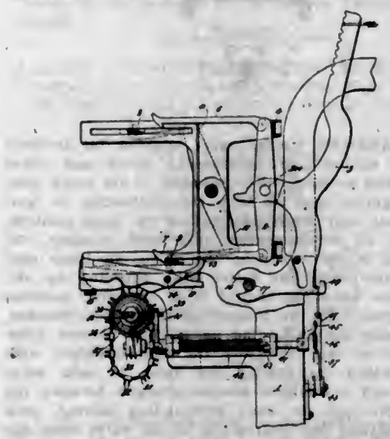
rod, and means between said level and connecting means for tilting the level relative to said connecting means.

1,622,343. HARROW TOOTH. LOUIS REIMERS and NELS ERICKSON, Dalton, Nebr. Filed Oct. 8, 1926. Serial No. 140,296. 2 Claims. (Cl. 55—37.)



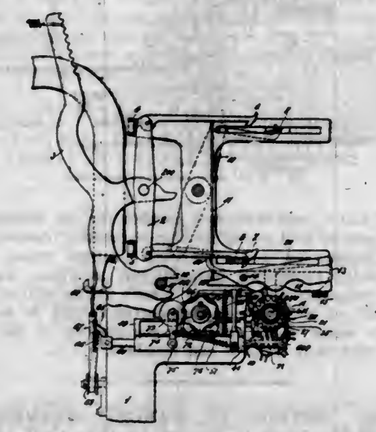
1. A harrow tooth of the class described including a blade having a plane upper surface inclining downwardly to one longitudinal side edge, a plane upright side surface and a concave bottom surface, the upper and bottom surfaces merging into a cutting edge, a shank rising from one end of the blade.

1,622,344. PATTERN MECHANISM FOR DOBBIES. JOHN REYNOLDS, New Bedford, Mass., assignor to Butler Mill, New Bedford, Mass., a Corporation of Massachusetts. Filed Mar. 21, 1923. Serial No. 626,529. 7 Claims. (Cl. 139—328.)



1. In a dobby mechanism adapted to weaving both a cross-wise pattern and a lengthwise pattern and having pattern chains, a shaft carrying a cylinder adapted to carry one of said chains and a sleeve concentric therewith adapted to carry another of said chains, means for continuously operating said sleeve, and means located on said shaft for temporarily and periodically connecting said shaft with said sleeve.

1,622,345. PATTERN MECHANISM FOR DOBBIES. JOHN REYNOLDS, New Bedford, Mass., assignor to Butler Mill, New Bedford, Mass., a Corporation of Massachusetts. Filed Oct. 1, 1925. Serial No. 59,767. 9 Claims. (Cl. 139—323.)



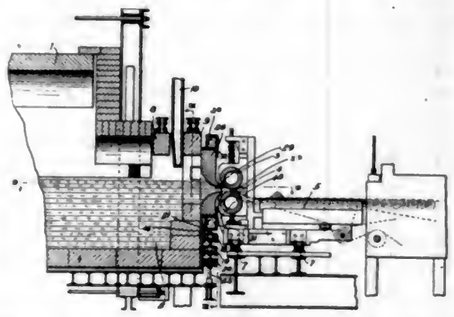
1. In a dobby, a constantly running pattern cylinder carrying a chain, each link of said chain being provided with pins adapted to operate a harness mechanism, a second pattern cylinder mounted independently of but co-axially with said first pattern cylinder, said second cylinder also carrying a chain having links some of which are flat, said flat links being segregated, and others of which also segregated are provided with harness mechanism operating pins and means for temporarily connecting said second cylinder with said constantly operating cylinder whereby said second cylinder may be given periodically a continuous movement to advance its chain whereby the pins thereon will operate said harness mechanism to cause the weaving of the crosswise border, and independent means for giving said second cylinder a further step by step movement whereby said chain thereon will be advanced step by step and said flat links will pass in proximity to said harness mechanism and the number of said flat links will control the distance between the crosswise borders.

1,622,346. GLASS-TANK CONSTRUCTION. JOHN ROTHERAM, Creighton, and ALBERT E. EVANS, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed July 20, 1926. Serial No. 123,628. 15 Claims. (Cl. 49—33.)

2. The combination with a tank adapted to carry a bath of molten glass, and rolling means at one side thereof for forming a sheet or ribbon of glass, of a clay outlet member intermediate the glass bath and the rolling means provided with an outlet slot for conducting the glass to the rolling means, a pair of hollow metal beams extending along the upper and lower edges of the outlet member and adapted to support such member, and means for circulating a cooling fluid through said beams.

11. In combination with a tank adapted to carry a

bath of molten glass and having a drawing extension or forehearth at its front end of less height than the body of the tank, and rolling means at one side for forming a sheet or ribbon of glass, of a removable clay outlet member intermediate the end of the forehearth and the rolling means provided with an outlet slot and constituting the upper portion of the front wall of the fore-



hearth, and a removable roof member for the forehearth to the rear of said outlet member extending transversely of the forehearth, and comprising a metal frame with downwardly projecting inclined end members, and a set of wedge shape refractory blocks fitting against the lower side of the frame and supported therein by reason of their wedge shape and the engagement of the end blocks with said inclined end members.

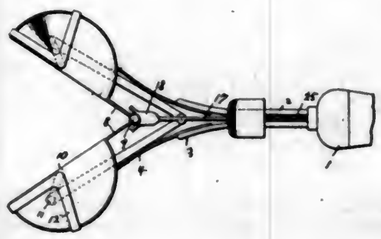
1,622,347. METHOD OF MAKING ORNAMENTAL CANDLES. JESSE B. RHOADS, La Jolla, Calif. Filed Mar. 16, 1926. Serial No. 95,111. 10 Claims. (Cl. 18—48.)



1. The method for making a candle with an integral supporting base, which method consists in forming a wax candle with an elongated end of enlarged diameter, heating the same to a temperature sufficient to render the wax flexible, and forcing the lowermost part of the enlarged end inwardly to cause the wax to be displaced laterally radially without restraining such lateral displacement.

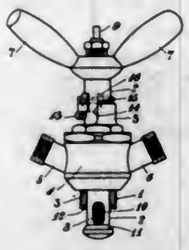
1,622,348. CREAM SCOOP. JOHN C. RITTER, Portland, Oreg. Filed Apr. 1, 1925, Serial No. 19,928. Renewed Feb. 10, 1927. 1 Claim. (Cl. 107—48.)

In an ice cream cone disher, a handle, a slotted shank having one end received in the handle and having its opposite end forked, a flat spring secured to each arm of the fork, a two-part conical mold, outstanding lugs on the sides of the mold to which the respective flat springs are connected, flat wings extending from the confronting inner edges of the mold sections having their outer ends notched and rounded to provide interengaging knuckles and a pintle connecting said knuckles, each of said wings having one of its corners provided with a finger extension arranged beneath the reduced end of each of the mold sections, a crank shaft having a straight portion journaled through each finger and entering the mold, a substantially V-shaped cutter arranged in each mold section and connected to the mentioned shafts, a link pivoted to each of the crank shafts, an actuating member comprising a plate slidable through the slotted shank, spring means between the shank and



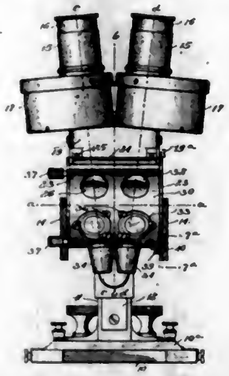
actuating member for holding the latter normally in one position with respect to the former, a post on the actuating member to which the free ends of the links are pivoted, said actuating member having an outer flattened and widened portion whose outer end is notched, a thumb piece fixed on the actuating member and guided through the slotted shank, and the notched end of the actuating member being disposed in a line with but normally away from the pivoted end of the wing members.

1,622,349. SPARK-PLUG VALVE FOR INTERNAL-COMBUSTION MOTORS. CARL AUGUST RUDQVIST, Kungsangen, Sweden, assignor to J. & C. G. Bolinders Mek. Verkstadts Aktiebolag, Stockholm, Sweden. Filed Oct. 5, 1923, Serial No. 666,835, and in Sweden Oct. 14, 1922. 1 Claim. (Cl. 123,145.)



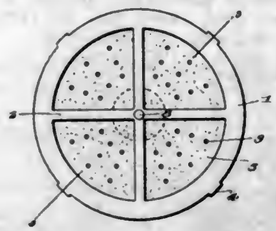
In an adjustable ignitor valve adapted for internal combustion motors and movable to inner and outer positions, and keeping, when adjusted in its outer position, the ignitor shut off from the combustion or ignition chamber, and, when adjusted in its inner position, the ignitor in communication with said chamber, the combination of two seats in the valve, an inner seat and an outer seat, the latter seat affording an airtight closure when the ignitor is in its inner position communicating with the combustion or ignition chamber, and the inner seat affording an airtight closure when the ignitor is shut off from the said chamber, with means provided for locking the valve in both valve positions, and a resilient device arranged between the ignitor valve and the fixed surrounding thereof, such device permitting free contraction of the valve when the latter is shut off from the combustion or ignition chamber and is cooled from the outside.

1,622,350. BINOCULAR MICROSCOPE. JOHN C. SABEL, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed June 8, 1926. Serial No. 114,529. 13 Claims. (Cl. 88—39.)



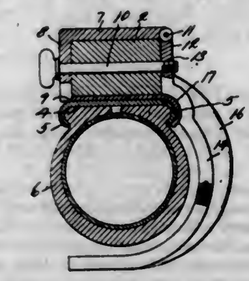
1. A binocular microscope comprising a plurality of pairs of objectives, and a carrier for said objectives arranged for rotation about an axis lying substantially in the plane of the binocular axes at equal angles with the latter, for adjustably positioning each of said pairs of objectives, selectively, for use in the binocular axes.

1,622,351. FRYING-PAN COVER. BARBARA M. SALMON, Severna Park, Md. Filed Nov. 30, 1926. Serial No. 151,779. 9 Claims. (Cl. 53—7.)



1. A cover for frying utensils provided with an absorbent element arranged to have its under side disposed to absorb and thereby prevent grease from spattering on the stove or on the person using the cooking utensil.

1,622,352. AUTOMOBILE LIFTING JACK. HENRY J. SCHMITT and JOHN LITTLE, Omaha, Nebr. Filed Feb. 20, 1926. Serial No. 89,707. 3 Claims. (Cl. 254—94.)

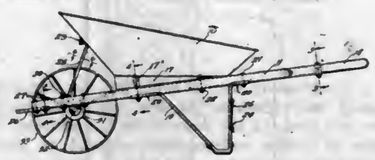


1. The combination with an automobile wheel felly, a demountable rim mounted on said felly, a tire carried by said demountable rim, of a detachable jack carried by said felly, said jack comprising a plate engaging the inner periphery of the felly, an arm carried by said plate and engaging one side of the felly, an arm hingedly connected to the plate and engaging the other side of the felly, ends of said arms engaging the demountable rim, a removable bolt extending through the arms and the felly, and a downwardly and outwardly curved arm carried by the hinged arm and terminating below the tire in spaced relation thereto.

1,622,353. COMPOSITION USED FOR MARKING ON CLOTH AND THE LIKE. DAVID H. SHAPIRO, Montreal, Quebec, Canada. Filed June 14, 1926. Serial No. 116,016. 2 Claims. (Cl. 134—34.)

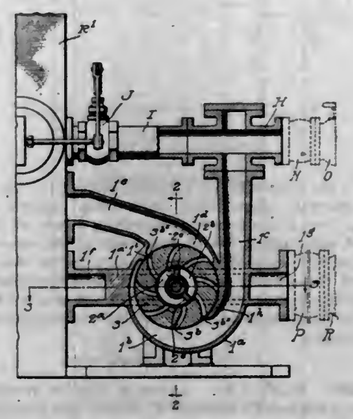
2. A marking composition comprising paraffine wax approximately 35%, carnauba wax approximately 15%, soapstone approximately 40%, stearic acid approximately 10%, and a small percentage of colouring material.

1,622,354. WHEELBARROW. IRVING R. SMITH, Wauwatosa, Wis. Filed May 24, 1923. Serial No. 641,105. 5 Claims. (Cl. 280—52.)



1. A metal wheelbarrow comprising a hopper, a pair of longitudinally extending arms formed of sheet metal bent to the desired shape, a channel iron connecting said arms at their forward ends, braces connecting said arms to said hopper, channel bars disposed between said hopper and arms, channel shaped legs secured to said arms, handles in the rearward ends of said arms and means for securing said handles in place.

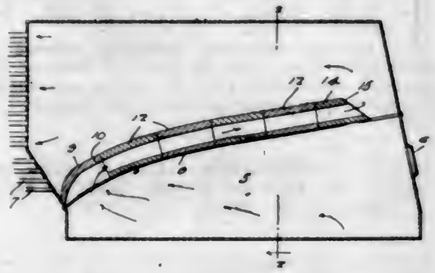
1,622,355. CENTRIFUGAL VACUUM PUMP. KARL G. SOMMER, Battle Creek, Mich., assignor to American Steam Pump Company, Battle Creek, Mich., a Corporation of Michigan. Filed Mar. 23, 1925. Serial No. 17,632. 15 Claims. (Cl. 230—14.)



1. In a centrifugal vacuum pump or compressor a casing having a rotor chamber, a water outlet, an air outlet, a water inlet and an air inlet; a shaft extending

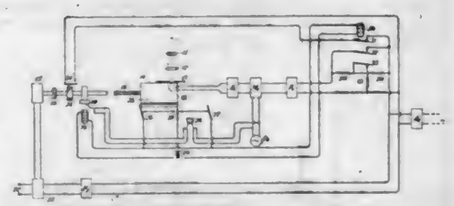
through said chamber; and a rotor mounted on said shaft within said chamber, and having passages open at both inner and outer ends and adapted to alternately register with the water inlet and air inlet in each revolution of the rotor.

1,622,356. FIRE BOX FOR BOILERS. ROBERT MARVEN SPENCER, Waycross, Ga. Filed July 20, 1926. Serial No. 123,708. 2 Claims. (Cl. 110—87.)



1. In combination with a boiler fire box, longitudinally extending rods between the fire containing portion of the fire box and the fire flues thereof, a plurality of arch sections of hollow construction mounted on said rods, each section including a plurality of blocks, the intermediate blocks being hollow and open ended, and the front block having one open end adjacent the next intermediate block and an open bottom, and the other end block having open ends one of which is beveled.

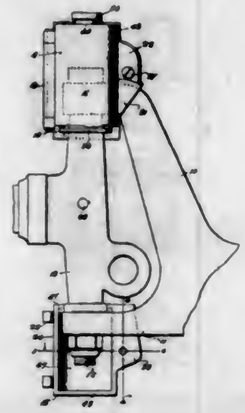
1,622,357. ELECTRICAL TRANSMITTING SYSTEM. ELLIOT M. STAPLES, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed May 1, 1925. Serial No. 27,253. 6 Claims. (Cl. 179—78.)



1. In the operation of a transmission line, the method of protecting neighboring lines from inductive interference, which consists in introducing a loss at the sending end and cutting out an equal loss at the receiving end when certain excessive electromotive forces may be applied at the sending end, whereby the transmission level on the line is kept below a normal limit, and at the same time the transmission equivalent of the complete system is unchanged.

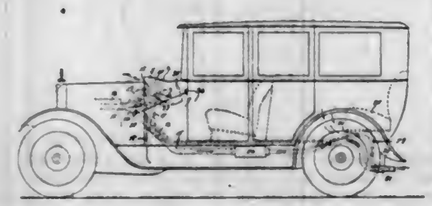
1,622,358. DUST CAP. JACOB M. STONE, Breckenridge, Tex., assignor to Leonore F. Stone, Breckenridge, Tex. Filed July 18, 1923. Serial No. 652,381. 2 Claims. (Cl. 280—96.1.)

1. A dust cap for a steering knuckle comprising complementary shells provided with registering recesses at one end adapted to receive the end of a steering knuckle, said shells having registering recesses in their longitu-



dinal meeting edges adapted to surround the end of an axle, and means for clamping said shells in closed position.

1,622,359. VENTILATING AND HEATING SYSTEM FOR MOTOR VEHICLES. DENTON K. SWARTWOUT, Cleveland, Ohio. Filed Nov. 23, 1921. Serial No. 517,206. 6 Claims. (Cl. 237—12.3.)

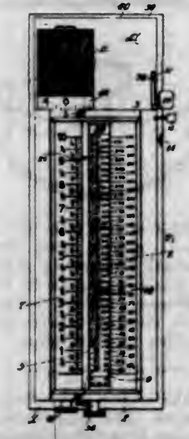


1. In combination with an enclosed motor vehicle, means utilizing the exhaust gases from the motor for heating air that is discharged into the vehicle and positively withdrawing air from the vehicle.

1,622,360. MEASURING AND COMPUTING MACHINE. FERDINAND J. TILLMAN, St. Louis, Mo., assignor to Yard-O-Meter Corporation, St. Louis, Mo. Filed Sept. 14, 1920. Serial No. 410,176. 16 Claims. (Cl. 33—133.)

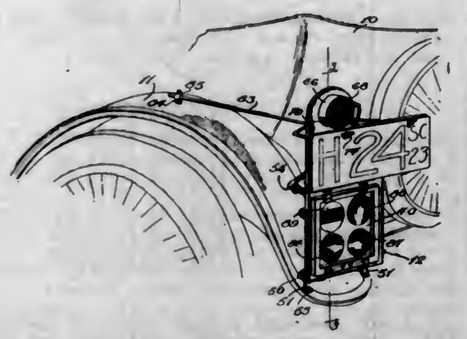
5. In a measuring machine, a worm shaft bearing a carriage, a measuring scale co-operable with said carriage, a pair of friction rollers one of which operates said shaft, severing means for operating on the material after being passed between said rollers, and locking means for operating said severing means and co-operable with one of said rollers for preventing said rollers from being further operated after said severing means has operated.

8. In a measuring machine, the combination of a feed roller for co-operation with the material to be measured, a quantity scale, an indicating carriage operated by said



roller and movable along said scale, and a scale carried by said roller, said scale bearing characters which are comparative with said quantity scale.

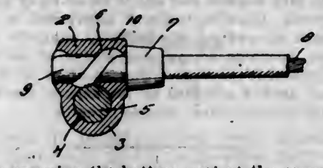
1,622,361. AUTOMOBILE SIGNAL. SAMUEL ADAMS WALL and EDWIN ANDERSON BOYD, Greenville, S. C. Filed Feb. 21, 1923. Serial No. 620,396. 2 Claims. (Cl. 177—329.)



1. A signal for vehicles comprising an upright open wire frame, a plate secured on said frame and provided with signal areas, lamps carried by the plate in the signal areas of the same, a door hinged on the frame having transparent fields registering with respective areas of the plate, arched rods extending rearwardly from the top and bottom of said frame, braces extending between and rigidly secured to said arched rods, and means connected with the braces and the arched rods for securing the frame on a vehicle.

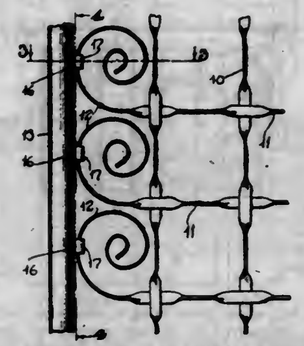
1,622,362. BATTERY TERMINAL. ALBERT W. WEIMER and JACOB SMITH, Geneseo, Ill.; said Weimer assignor to Walter O. Parsons, Geneseo, Ill. Filed Jan. 17, 1925, Serial No. 3,112. Renewed Nov. 12, 1926. 1 Claim. (Cl. 173—259.)

A terminal for storage batteries comprising a sleeve, a lateral extension formed thereon and provided with a bore adapted to be disposed over a battery terminal post, the inner wall of said sleeve being provided with a spiral groove, said groove communicating with the bore of the extension, a socket member secured on one end of a conductor cable, a reduced shank extending from the closed end of said socket member and adapted to be disposed within said sleeve, and a spiral rib formed on said shank and adapted for engagement with said spiral groove for locking the shank in said sleeve, a portion of the



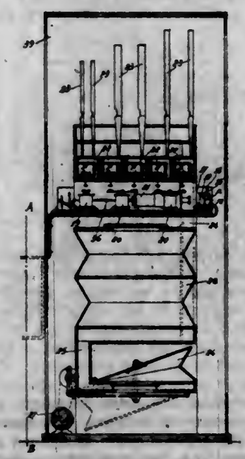
spiral rib engaging the battery post at the communication of the bore of the extension with the groove for simultaneously locking the shank in engagement with the post.

1,622,363. GRILLE. JOHN A. WULFTANGE, Hamilton, Ohio. Filed Aug. 21, 1925. Serial No. 51,619. 8 Claims. (Cl. 189—82.)



1. A grille having a body portion and an edge member, a plurality of means for yieldingly connecting the body portion and edge member together whereby the body member may yield relative to the edge member in a direction parallel to the edge member and also yield resiliently toward and from the edge member.

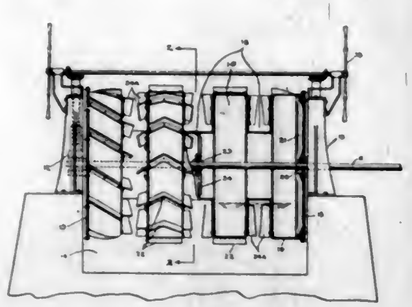
1,622,364. COMBINED ELECTRIC PIANOFORTE AND ORGAN. D ANGELO BARBIERI, Milan, Italy. Filed Jan. 4, 1923, Serial No. 610,681, and in Italy Jan. 4, 1922. 6 Claims. (Cl. 84—172.)



1. In combination a piano including a keyboard, an organ, an auxiliary keyboard only serving for playing the organ, a pedal counterbase keyboard applied to the

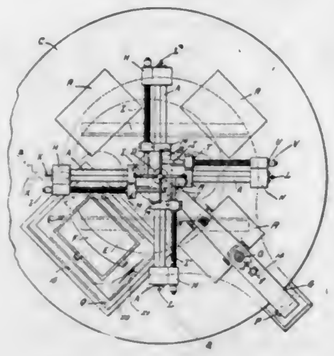
piano, electric solenoids for actuating the air valves of the pipes of the organ, electric circuits connecting the keys of the different keyboards to said solenoids, contact devices inserted in said circuits and apt to be acted by the keys of the keyboards, movable contacts interposed in said circuits, means connecting said movable contacts in groups and double solenoids acting said groups of movable contacts in such a manner as either to allow or to prevent the contact devices actuated by the keys of the keyboards closing the corresponding electric circuits.

1,622,365. WATER-POWER WHEEL. GEORGE ERASMUS BROOKS, Toronto, Ontario, Canada. Filed Aug. 16, 1926. Serial No. 129,564. 7 Claims. (Cl. 170—124.)



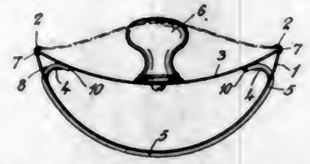
1. A water wheel comprising a rotatable floating drum having a plurality of spaced peripheral grooves and blades adjacently disposed in said grooves in staggered formation adapted for deflecting the water striking one blade to and upon the blade next adjacently disposed.

1,622,366. ELECTRICALLY-CONTROLLED REPRODUCING SCRIBER. EMILE BUENO, Hericourt, France. Filed Mar. 3, 1922, Serial No. 540,809, and in France Mar. 11, 1921. 6 Claims. (Cl. 33—18.)



3. An apparatus of the class described, comprising a circular plate, means for rotating said plate, said plate being formed with opposed pairs of defined spaces to receive the negative and the respective monochrome negatives, a tracer movable radially of the plate, and reproducers movable radially of the plate in exact correspondence with the movement of the tracer.

1,622,367. BLOTTER. CORNELIUS BULL, Sagesund, near Tvedestrand, Norway. Filed July 9, 1925, Serial No. 42,572, and in Norway Feb. 10, 1925. 6 Claims. (Cl. 120—24.)

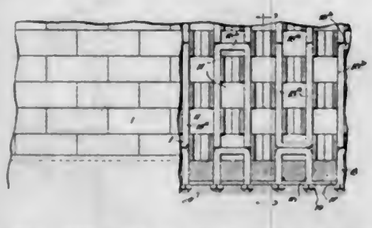


1. In blotters made of two plate springs clamping the blotting paper sheets between them, the combination of a stronger plate spring arranged in such manner in relation to a weaker plate spring as to lock the latter in either of two different positions, in one of which the blotting papers are clamped between said springs, and in the other of which they are loose.

1,622,368. SPINNING PROCESS. HENRI LOUIS JOSEPH CHAVASSIEU, Izieux, France, assignor to La Société Pour la Fabrication de la Soie Rhodiaseta, Siege Social, Paris, France. Original application filed Mar. 7, 1925, Serial No. 13,861, and in France Jan. 20, 1925. Divided and this application filed Mar. 26, 1926. Serial No. 97,773. 14 Claims. (Cl. 18—54.)

1. A spinning process, comprising the steps of dissolving a cellulose ether or ester in a solution of a sulfocyanic derivative, and coagulating the resultant solution in the form of threads or films.

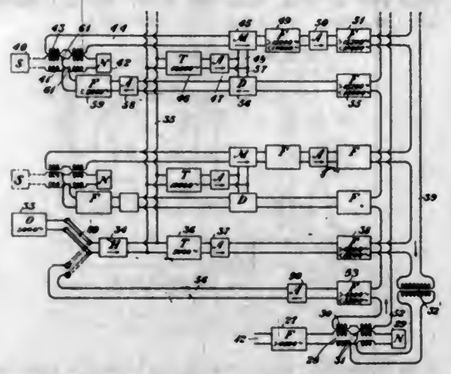
1,622,369. BUILDING BLOCK AND WALL. NILS E. CLEMENTSON, Chicago, Ill. Filed Aug. 4, 1926. Serial No. 127,031. 6 Claims. (Cl. 72—41.)



1. A wall constructed of blocks respectively provided with a vertical space extending therethrough and with vertical recesses at the ends thereof substantially in line with and of substantially the same width as said space, in combination with metal members comprising a cross element and parallel elements thereto, and a footing consisting of concrete, a plate embedded therein and a plurality of said metal members secured in said plate and partially embedded in said concrete, said space and said recesses in said blocks and said cross element and said parallel elements in said metal members so related that when said cross element is in said space of a block in a course of blocks said blocks are anchored to said footing, and when said cross element is in a space in a block and said parallel elements are in said space in adjacent blocks of a course said adjacent blocks are bound together.

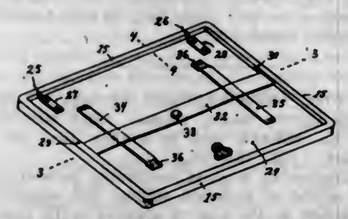
1,622,370. MULTIPLE-ANTENNA SYSTEM FOR RADIOCOMMUNICATION. LLOYD ESPENSCHIED, Queens, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Sept. 3, 1921. Serial No. 498,187. 8 Claims. (Cl. 250—11.)

1. A plurality of antennæ assembled to constitute an array for directional operation, a low frequency central station, low frequency conductors extending therefrom to the respective antennæ of the array, frequency changing means at the respective antennæ for co-operation between



said low frequency conductors and said antennæ operating at high frequency, and means to adjust the currents for phase and amplitude at each of the antennæ.

1,622,371. KASSETTE. GEORGE EDWARD GEISE, Covington, Ky. Filed Jan. 15, 1925. Serial No. 2,639. 2 Claims. (Cl. 250—34.)



1. A kassette comprising a frame having a peripheral flange, and a face pervious to X-rays and impervious to light rays, a back plate impervious to light rays to detachably fit said frame in rear of a sensitive plate and adapted to move into engagement with said frame in planes parallel with the face plate of said frame, a cross-bar of resilient material pivotally attached to the rear face of said back near the center thereof and adapted to have its opposite ends detachably engaged with said frame, and a pair of transverse bars of resilient material located upon opposite sides of the pivot of said cross-bar and transversely to said cross-bar when engaged with said frame, each of said transverse bars being rigidly attached at one end to said back plate and curved outwardly from said back plate through its central portion and bearing rigidly at one end and slidingly at its opposite end upon the rear face of said back plate, said cross-bar serving to resiliently engage the curved central portions of said transverse bars when the ends of said cross-bar are engaged with said frame to simultaneously apply and substantially equally distribute pressure at four substantially equidistant points where the ends of said transverse bars engage said back plate to yieldingly hold said back plate in position with reference to said frame and a contained sensitive plate and intensifying member contained therein.

1,622,372. PROCESS FOR THE MANUFACTURE OF HYDROCYANIC ACID. WILHELM GLUUD, Dortmund-Eving, Germany. Filed Apr. 18, 1924, Serial No. 707,473, and in Germany Apr. 23, 1923. 10 Claims. (Cl. 23—151.)

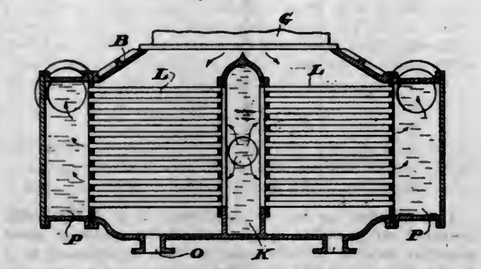
1. The process of manufacturing hydrocyanic acid, which comprises treating finely divided material comprising HSCN with oxygen at a temperature high enough to oxidize combined sulphur.

1,622,373. LAMP. IGNATZ GONYK, Ljubljana, Yugoslavia. Filed June 17, 1926, Serial No. 116,616, and in Germany July 27, 1925. 10 Claims. (Cl. 67—65.)



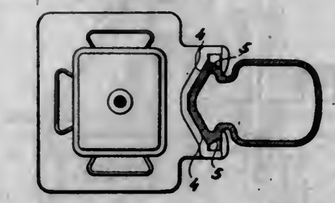
1. A blank for forming a lamp frame consisting of a strip of sheet-metal having longitudinal cuts extending from the central portion towards its opposite ends, and an integral enlarged disk portion on one end having peripheral prongs.

1,622,374. SURFACE CONDENSER. JOHN E. GOODWILLIE, Brooklyn, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Apr. 11, 1925. Serial No. 22,249. 2 Claims. (Cl. 257—48.)



1. A single pass surface condenser, comprising a casing, water tubes extending into said casing transverse to the direction of steam flow, and a central inlet associated with said water tubes for supplying water to said tubes in substantially equal quantities and in opposite directions along said casing.

1,622,375. HEAD-SPINDLE-STOCK GUIDE. JOSEF DAHMEN, Dusseldorf, Germany, assignor to Dusseldorfer Werk-Zeugmaschinen-Fabrik und Eisengiesserei Habersang & Zinzen, G. m. b. H., Dusseldorf-Oberbilk, Germany. Filed June 3, 1925, Serial No. 34,621, and in Germany June 12, 1924. 2 Claims. (Cl. 308—3.)



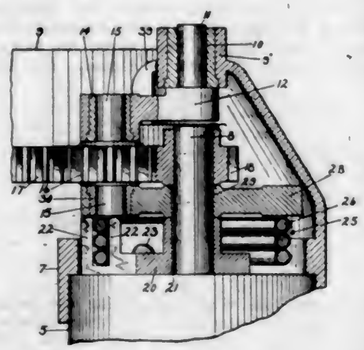
1. In a head-stock guide for drilling and boring machines, a frame, a stationary hollow integral guide structure on the frame comprising a body portion having at one side thereof a guide rib of angular form in cross-section and of less width than said body portion, said rib presenting a transversely flat front face of restricted width, a pair of opposite side faces extending outwardly and rearwardly at oblique angles to said front face, and two rear faces extending inwardly and rearwardly at oblique angles to said side faces, said rear faces having wall extensions forming a neck connection between the body portion and rib, and a head spindle-stock provided with a guide sleeve slidably embracing said front, side and rear faces of the rib and having an angular internal form conforming thereto.

1,622,376. APPARATUS FOR REFRIGERATING SYSTEMS. RANSOM W. DAVENPORT, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 8, 1925. Serial No. 54,867. 14 Claims. (Cl. 62—126.)



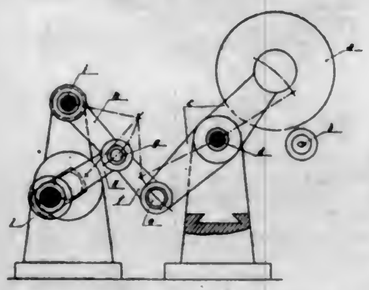
4. A member for use as an element in a mechanically operated refrigerating system comprising plates of sheet material secured to each other in face engagement in a fluid-tight manner and providing therebetween an elongate passage differential in size.

1,622,377. ENGINE STARTER. CLARENCE F. GILCHRIST, Toledo, Ohio, assignor, by mesne assignments, to The Electric Auto-Lite Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 3, 1919, Serial No. 328,113. Renewed Aug. 15, 1924. 5 Claims. (Cl. 290—38.)



1. In an engine starting mechanism, the combination of a frame, a driving member rotatably mounted in said frame, an electro-magnetic device comprising co-operating field and armature elements, an arm rotatably mounted in said frame, a stub shaft carried by one of said elements and said arm and transmission means on said stub shaft in engagement with said driving member and adapted to be moved into operative connection with a rotatable element of said engine when said electromagnetic device is energized.

1,622,378. ROD-CIGARETTE MACHINE. PAUL LOUIS GRAUPNER, Dresden, Germany, assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Co. Filed Feb. 21, 1925, Serial No. 10,847, and in Germany Mar. 28, 1924. 2 Claims. (Cl. 131—37.)

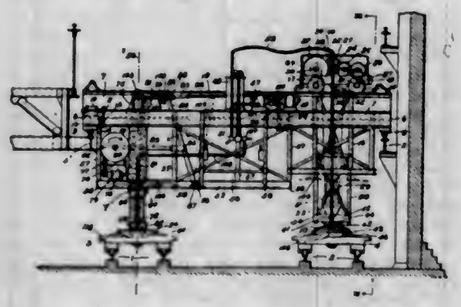


2. In a cutting device for a rod cigarette machine, the combination with a circular cutter, of a double armed lever carrying said cutter and swinging around and reciprocating on its axis in the direction of the rod, a crank arm, a pitman, a link connected to the free end of said lever and a rock lever swinging on a fixed axis, both said rock lever and link being pivotally connected to said crank arm by said pitman, said rock lever and link, when in extension of one another, being substantially at a right angle both to said double armed lever and said crank arm.

1,622,379. LUMINESCENT PRODUCT. ANTOINE AUGUSTE GUNTZ, Nancy, France. Filed May 8, 1922, Serial No. 559,416, and in France June 10, 1921. 3 Claims. (Cl. 184—47.)

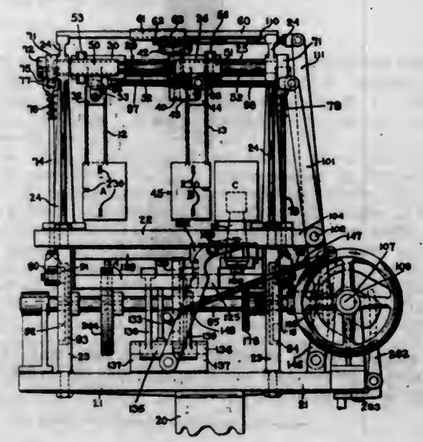
3. A luminescent product containing between 1% to 30% by weight of cadmium sulfide, and another luminescent sulfide of the zinc or alkaline earth type, such sulfides being in a crystalline condition.

1,622,380. APPARATUS FOR HANDLING GLASS SHEETS. HALBERT K. HITCHCOCK, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed June 9, 1926. Serial No. 114,643. 8 Claims. (Cl. 214—87.)



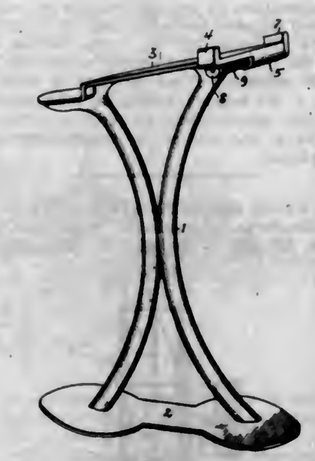
1. In combination in apparatus for moving glass sheets to and from a surfacing table and inverting them, which consists of a vacuum frame mounted above the table for vertical movement toward and from the table and for movement around a horisontal axis to invert the frame, power means for moving the frame vertically, and automatic means operated by said power means for causing the vacuum frame to rotate about said axis to bring it to inverted position when the frame has moved upward a predetermined distance.

1,622,381. LABELING MACHINE. CARL HOLM and ARVID H. JOHNSON, Worcester, Mass. Filed Mar. 18, 1923. Serial No. 624,839. 62 Claims. (Cl. 216—54.)



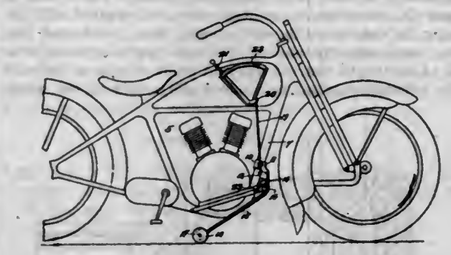
1. A box labeling machine comprising a support for a box, a label holder, pickers arranged to apply gum to a surface of a label in said holder and transport the label to a position adjacent a box and mechanism cooperating therewith including a presser arranged to move towards the box and to press substantially the entire area of the label directly onto the box in a direction normal to the surface thereof.

1,622,382. FOOT REST FOR SHOE-SHINING STANDS. ROBERT J. JAUCH, Fort Wayne, Ind. Filed Sept. 24, 1924. Serial No. 739,588. 1 Claim. (Cl. 15—267.)



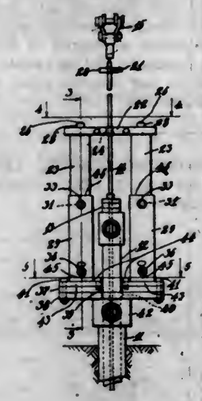
A toe clamping device for a foot-rest consisting of an immovable jaw projecting upwardly at one side of said rest; a pendant lug on the foot-rest at the side thereof opposite said immovable jaw; and a spring pressed movable member slidably mounted in said lug having a jaw disposed opposite the former jaw and having also a head with a flat face bearing against the lower face of said rest operable to prevent turning movement of said movable member.

1,622,383. MOTOR-CYCLE STAND. CLARENCE W. JESKE, Walnut Grove, Minn. Filed Mar. 12, 1926. Serial No. 94,225. 1 Claim. (Cl. 208—81.)



In a structure of the class described, a block, a clamp adapted to be connected therewith and adapted to be attached to a frame bar of the machine to be supported, a shaft mounted for oscillation upon said block, stub-axles carried by the end portions of the block, intermeshing gearing between said shaft and said stub-axles, a pair of arms connected to said stub axles, and rollers on the outer ends of the arms.

1,622,384. PUMPING APPARATUS. GEORGE KAMMERER, Whittier, and FRANK HILL, Los Angeles, Calif. Filed Mar. 10, 1926. Serial No. 93,641. 3 Claims. (Cl. 103—202.)

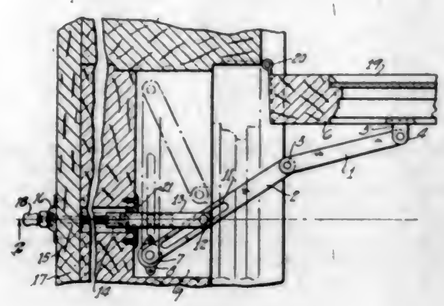


2. A pumping apparatus comprising cylinders provided with air vents, plungers in the cylinders, a crosshead supported on the plungers, means releasable by weight imposed on the crosshead to hold each of the plungers elevated in its cylinder, and means operable by downward motion of a polish rod to impose the weight of the polish rod and its suspended load upon the crosshead.

1,622,385. WINDOW-CASEMENT CONTROL. WILLIAM F. KLEIN, St. Louis, Mo. Filed Dec. 23, 1925. Serial No. 77,274. 1 Claim. (Cl. 268—120.)

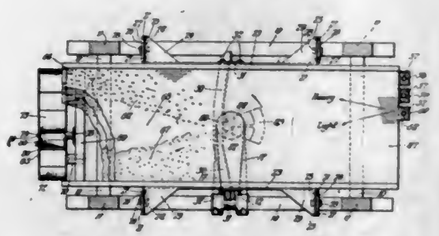
A window casement control, of the class described, comprising a horizontally reciprocable member internally screw-threaded at its inner end adapted to be reciprocated by a rotatable member fixed against longitudinal movement and having its outer end externally screw-threaded adapted to engage the screw-threaded portion of the said horizontally reciprocable member, a crank attached to the inner end of said rotatable member by which

said rotatable member may be rotated, a link bar pivotally attached to a window sill and adapted to be rotated through approximately 90 degrees, said pivot joint being located at a rightangle to the longitudinal axis of the said reciprocable member at a sufficient distance therefrom to permit the reciprocable member to be reciprocated without coming in contact with said pivotal joint, said link bar being longitudinally slotted through approximately one-half of its length nearest the said pivot joint and adapted to be slidably engaged by a pin rigidly fixed in the outer



end of said reciprocable member, the said link bar being hingedly attached to a second link bar at its outer end, the said second link bar being adapted to be hingedly attached to a hinged member adapted to be attached to a window casement, so that when the said crank is rotated in one direction, the window casement will be caused to close, and when the crank is rotated in the opposite direction, the window casement will be caused to open, and may be fixedly held at any desired point between fully open and in a closed position.

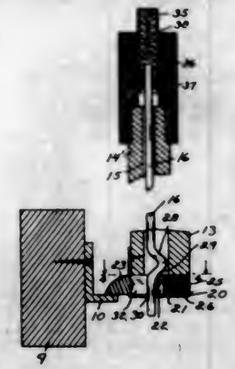
1,622,386. GRAIN-SORTING DEVICE. LESTER L. LADD, Lockport, Ill. Filed Aug. 2, 1923. Serial No. 655,255. 26 Claims. (Cl. 209—481.)



5. In a separating device, an imperforate inclined shelf-like member, zig-zag shoulders on said member, facing only toward one side and one end thereof and means for shaking said member with a rotary shaking movement of small radius.

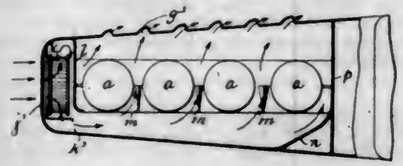
1,622,387. CRIB LATCH. FREDERICK C. MARQUARDT, Milwaukee, Wis. Filed Oct. 8, 1924. Serial No. 742,338. 6 Claims. (Cl. 292—170.)

1. In a device of the class described, a seat for a latch-bolt, a latch bolt arranged to engage said seat when in operative position and to support a load thereon, an operating part for said latch-bolt having a resilient connection therewith, the strength of said connection being



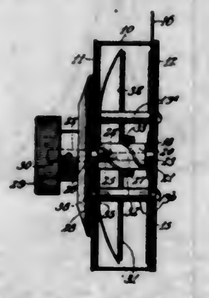
so related to the resistance of said bolt that it is adapted to retract said bolt from said seat only when the latter is relieved of load.

1,622,388. AIR-COOLED ENGINE. ALFRED F. MASURY and CHARLES FROESCH, New York, N. Y., assignors to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 22, 1925. Serial No. 77,159. 6 Claims. (Cl. 173—171.)



1. In combination, an internal combustion engine comprising spaced cylinders having an exhaust manifold along one side, an enclosure for the engine formed with an opening in the front end and louvers on the side adjacent the exhaust manifold, a fan disposed in front of the engine and a fan housing having an inlet adjacent the opening in the enclosure and an outlet to deflect the air from the fan to the side of the engine away from the exhaust manifold.

1,622,389. RADIO COMMUNICATION DEVICE. BENJAMIN F. MIESSNER, Chicago, Ill. Filed Nov. 6, 1922. Serial No. 599,203. 3 Claims. (Cl. 250—40.)



1. In combination a combination electrical inductive and capacitive element comprising a concentrated flat spiral winding, means for varying the inductance of said winding comprising a disk of conducting material parallel to said winding and means adapted to alter the parallel

distance between said disk and winding, a second element of conducting material adjacent said disk but insulated therefrom so as to form with said disk the two electrodes of a condenser, the capacity of which is altered as the position of said disk is altered.

1,622,390. PROCESS OF PRODUCING FISH-OIL POWDER. WALTER E. MILLER, Vineland, N. J., assignor to Silmo Chemical Company, Inc., Vineland, N. J. Filed Mar. 5, 1926. Serial No. 92,639. 1 Claim. (Cl. 99—11.)

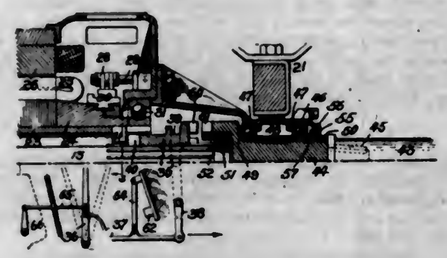
The process of reducing fish oil to powdered form, which consists in placing a given amount of fermented milk in an air-tight receptacle, adding thereto the oil slowly while agitating the mixture until the weight of the oil substantially equals the weight of the total solids in the fermented milk, allowing the mixture to stand in the vessel at a temperature of about 50° F. for a period of about 48 hours, adding water to the mixture and agitating the same until the amount of the water substantially equals the amount of the oil, homogenizing the mixture to produce an emulsion, allowing the emulsion to stand at a temperature of about 50° F. for a period of about 48 hours, separating the solid matter from the liquids at a temperature of about 70° F., and collecting and powdering the solid matter.

1,622,391. DENTIFRICE. FERDINAND W. NITARDY, KENNETH A. BARTLETT, and FRANTZ F. BERG, Brooklyn, N. Y., assignors to E. R. Squibb and Sons, New York, N. Y., a Corporation of New York. Filed Sept. 26, 1924. Serial No. 740,031. 7 Claims. (Cl. 167—91.)

1. A dental cream comprising a suspension of magnesium hydroxide in glycerin combined with solidified glycerin.

5. The method of preparing dental cream, which comprises forming a jellylike mass by combining glycerin with an alkali metal stearate, grinding the jelly-like mass and incorporating a scouring or cleansing agent therewith.

1,622,392. SEARCHLIGHT TRUCK. MARTIN L. PATTERSON, Bogota, N. J., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y., a Corporation of New York. Filed Mar. 16, 1922. Serial No. 544,192. 14 Claims. (Cl. 290—1.)

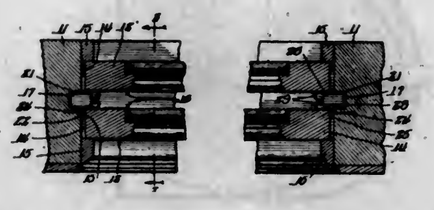


4. In an automotive vehicle having a driving axle, a power unit mounted on said vehicle, an auxiliary generating unit, a shaft driven by said power unit, said auxiliary unit comprising an electric generator, means whereby said shaft may be connected to said generator to operate the latter, and a switch controlling a circuit of said generator, said means being movable to connect said shaft to the driving axle to propel the vehicle and being connected to said switch to simultaneously break a circuit of said generator.

5. In combination, a power unit, an auxiliary power-generating unit, an operating device, means for connecting said auxiliary unit to said power unit to be driven thereby, said means being movable to connect said device to said power unit to be operated thereby and simultaneously break a circuit of said generator.

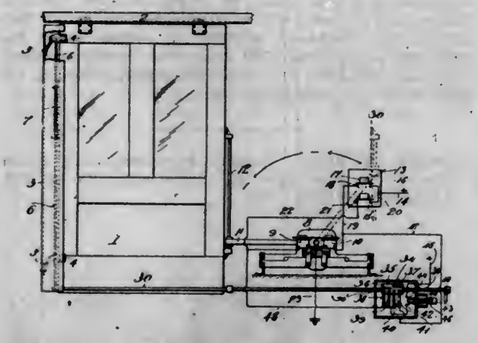
6. In combination, a power unit, an auxiliary power-generating unit, an operating device, means for connecting said auxiliary unit to said power unit to be driven thereby, said means being movable to connect said device to said power unit to be operated thereby and simultaneously disconnect said auxiliary unit from said power unit, and a continuously actuated governor for controlling said power unit, said means also operating to vary the effect of the governor on said power unit.

1,622,393. WEATHER STRIP. CHARLES A. PIPENHAGEN, Chicago, Ill. Filed Nov. 23, 1925. Serial No. 70,750. 19 Claims. (Cl. 20—52.4.)



1. In a weather strip, an integral resilient sheet metal strip, adapted to be substituted for a parting bead, comprising a bottom flange for engaging the bottom of the parting groove, a side flange for engaging the side of said groove, an affixing flange engaging the window frame adjacent said groove, and a resilient extension from said affixing flange to effect sealing contact with both edge and side of the sash.

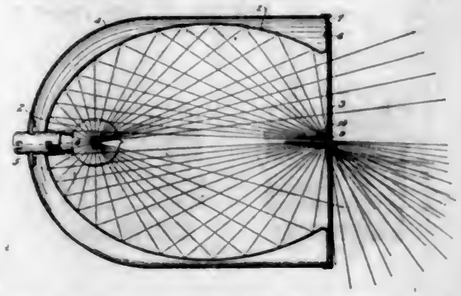
1,622,394. DOOR-OPERATING MECHANISM. JAMES L. QUINN, Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y., a Corporation of West Virginia. Filed Apr. 2, 1920. Serial No. 370,740. 3 Claims. (Cl. 268—50.)



1. The combination with a car door, and a motor for operating the door to open and close the same, of an opening and closing magnet for respectively, when energized, initiating the opening and closing movements of said door, a collapsible shoe carried by said door and adapted to be moved relative to the door upon encountering an obstruction during the closing movement of the door, a rod carried by said door to move therewith, means actuated by the collapsing movement of said door for rotating said rod, means controlled by the rotation of said rod for supplying current to said opening magnet, means for automatically extending said shoe to its normal

position when pressure thereagainst is removed to thereby rotate said rod in an opposite direction to normal position, means controlled thereby for supplying current to said closing magnet, and means controlled by the door reaching the limit of its closing movement for rendering said current supplying means to the opening magnet inoperative.

1,622,395. HEADLIGHT. WILLIAM E. RICHARD, Evansville, Ind. Filed May 10, 1923. Serial No. 637,978. 1 Claim. (Cl. 240—41.)

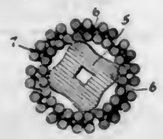


A reflector substantially ellipsoid in shape and truncated at its second focal point, a translucent cover plate fitting said truncated portion and having at the second focal point of the reflector a transparent portion and a deflector arranged at said transparent portion and constructed to deflect all of the lower reflected rays outwardly and downwardly.

1,622,396. PROCESS OF PRODUCING A POROUS CEMENTITIOUS ARTICLE. ALEXANDER T. SCHENCK, Seattle, Wash. Filed Jan. 4, 1926. Serial No. 79,265. 1 Claim. (Cl. 18—55.)

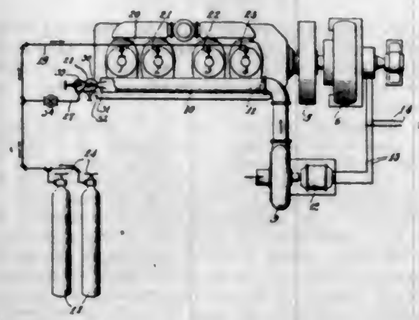
The process of producing a porous cementitious article consisting in mixing cement in granulated form, hydrated lime, aluminum and warm water, molding the article during the gas liberation, securing the article within the mold and rotating the mold during the setting operation to compel formation of substantial uniform voids in the mass to the gas passage therethrough.

1,622,397. TUBING. HERMAN SCHLAICH, Long Island City, N. Y. Filed Sept. 25, 1922. Serial No. 590,276. 5 Claims. (Cl. 137—75.)



1. A transmission tubing for pressure responsive instruments, comprising a capillary tubing having a covering in the form of a braided wire sheath sufficiently flexible to permit bending the tubing but so proportioned and constructed with reference to the size and bore of the tubing as to make it impossible to kink the tubing sharply enough to close the bore thereof.

1,622,398. INTERNAL-COMBUSTION ENGINE. RUDOLPH SCHLATTER, St. Louis, Mo., assignor to Busch-Sulzer Bros.-Diesel Engine Co., St. Louis, Mo., a Corporation of Missouri. Filed Aug. 22, 1924. Serial No. 733,470. 4 Claims. (Cl. 123—69.)



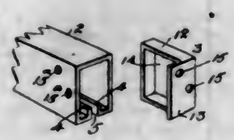
1. The combination with a two-cycle internal combustion engine, of a normal source of scavenging air, means for setting the engine in motion, a source of high pressure fluid, and means operated thereby for supplying scavenging air during the engine starting period.

1,622,399. BOBBIN BIN AND SHELF THEREFOR. GEORG SCHLESINGER, Berlin-Charlottenburg, Germany. Filed Oct. 15, 1926, Serial No. 141,865, and in Germany Apr. 24, 1925. 3 Claims. (Cl. 220—97.)



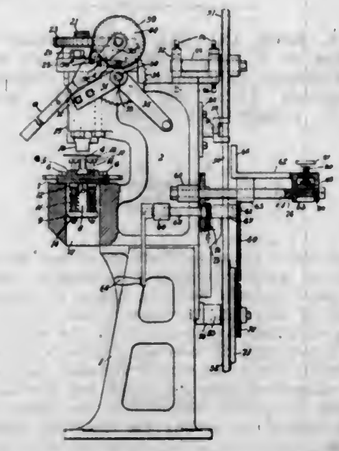
1. An improved bin for bobbins, cops and the like comprising a rectangular foraminated metallic box having a bottom, side walls and end walls, said box having a frame about its bottom and a frame about its rim, said frames being complementary so that the bins may be stacked, the outer parts of said frames being encircled by the side wall of the box so that the sides of the stack form walls without projections.

1,622,400. DOOR HANGER AND TRACK STRUCTURE. NATHANIEL B. SHELLY, Wadsworth, Ohio. Original application filed Dec. 5, 1925, Serial No. 73,368. Divided and this application filed Aug. 13, 1926. Serial No. 128,996. 4 Claims. (Cl. 16—97.)



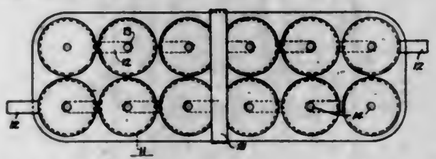
1. In an apparatus of the class described, the combination of a track, each cap provided with a broad side against said track, and end caps upon said track, fastening means engaging one side of the track and said broad side of the caps for holding caps and track together.

1,622,401. METAL-WORKING MACHINE. GEORGE SIPKOVITZ, Detroit, Mich. Filed Nov. 4, 1922, Serial No. 599,042. Renewed Oct. 16, 1926. 3 Claims. (Cl. 164—96.)



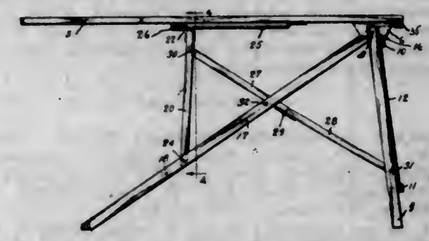
1. In a machine of the class described, a support for a piece of work, a stationary die, a movable ram, guides for the ram, a die carried by the ram, a screw to raise and lower the ram, a driven shaft coupled with the screw to rotate the same, a driving shaft coupled with the driven shaft to rotate the driven shaft, a drum mounted on the driven shaft, a pivotally mounted lever having a frictional band encircling the drum to be tightened thereabout to rotate the same as the lever is actuated.

1,622,402. DRY CELL OR BATTERY. JOHN SMITH, Brooklyn, N. Y. Filed Sept. 9, 1921. Serial No. 499,444. 8 Claims. (Cl. 136—175.)



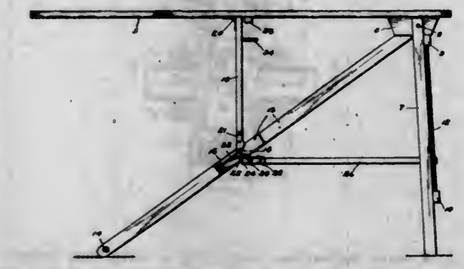
1. As a new article of manufacture, a dry cell battery consisting of a block of water-proofed material having a plurality of cylindrical recesses formed therein and a dry cell built up in each said recess, one element of said cell directly upon the walls of said recess.

1,622,403. FOLDING IRONING BOARD. ALBERT E. TODD, Seattle, Wash. Filed Sept. 8, 1924. Serial No. 736,437. 3 Claims. (Cl. 68—10.)



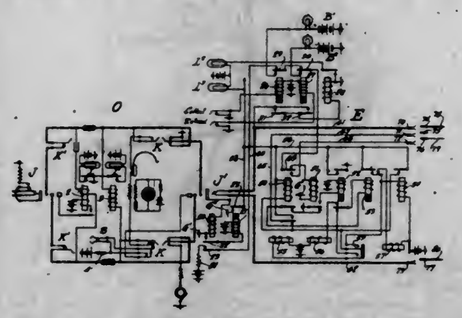
1. In a folding ironing table structure, a board, a rear leg structure pivoted thereon, a front leg pivoted to the rear of said board and extending forwardly and downwardly therefrom, a support pivoted to the front leg and arranged to stand substantially vertical for supporting the forward end of the board, means slidably connecting the upper end of the support with the board, and a collapsible brace member one end of which is pivoted to the upper end of said support and the other end of which is pivoted to the lower portion of said rear leg of the structure.

1,622,404. FOLDING IRONING BOARD. ALBERT E. TODD, Seattle, Wash. Filed June 29, 1926. Serial No. 119,306. 3 Claims. (Cl. 68—10.)



1. A folding ironing table comprising a board, a rear leg structure and a slanting leg structure pivoted to the rear end portion of said board, a vertical brace hingedly secured at one end to the central portion of said board, a horizontal brace pivotally connected at one end to the rear leg structure, channeled bracket members on the other ends of said vertical and horizontal braces, said brackets being pivotally connected together, a transverse rod on the slanting leg structure, the bracket on said vertical brace having a slot arranged to engage said rod to retain said braces in their respective vertical and horizontal positions, a guide rod secured to said transverse rod and to the lower end of said slanting leg structure, and said bracket on the vertical brace having a slot adapted to slidably engage said guide rod when the ironing board is moved to operative or inoperative position.

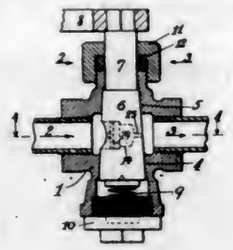
1,622,405. AUTOMATIC TELEPHONE SYSTEM. JOHN WICKS, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Original application filed Mar. 8, 1920, Serial No. 364,069. Divided and this application filed Jan. 22, 1922. Serial No. 531,076. 30 Claims. (Cl. 179—27.)



1. In a telephone system, subscribers' lines of two classes, the lines of one class only being equipped with paystation mechanism, toll lines, a toll service trunking system comprising selector and connector switches controlled by an operator for connecting a toll line with a subscriber's line of either class, and signalling means

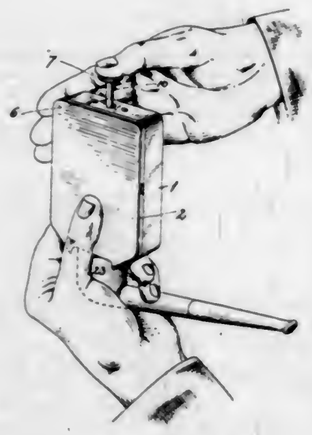
effective to transmit a signal over the established connection through said switches for automatically advising the operator of the class to which any connected line belongs.

1,622,406. VALVE. CHRISTIAN WILHJELM, Philadelphia, Pa. Filed Nov. 24, 1925. Serial No. 71,065. 2 Claims. (Cl. 277—41.)



1. A valve mechanism comprising a valve body providing an inlet and an outlet, a valve plug seated in said valve body and having a pressure reducing chamber formed within said plug and provided with a plug inlet and outlet adapted to communicate with the said body inlet and outlet respectively, a shutter on said valve plug for adjusting the said plug inlet, the said plug outlet being in the form of a channel leading from the said pressure chamber to an eccentrically formed groove in the surface of the plug substantially as and for the purpose set forth.

1,622,407. TOBACCO CASE. WALTER BAEHNE, West New York, N. J. Filed Apr. 8, 1925. Serial No. 21,511. 1 Claim. (Cl. 206—41.)



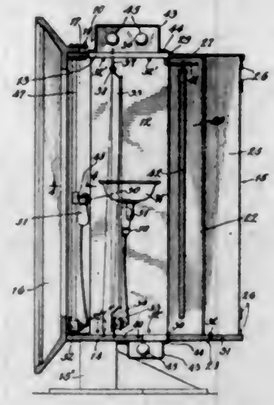
A tobacco case adapted to contain loose tobacco and having an opening therein, a movable pusher forming a closure for said opening, an operating stem for said pusher extending through the case, a spring retaining tube within the case surrounding said opening stem, a spring within the tube having one end secured by the tube within the case surrounding said opening stem, a stem, a bridge piece rigidly secured to the case and to the upper end of the spring retaining tube for positioning the tube within the case, and a locking means for holding said pusher in inoperative position.

1,622,408. HOOK AND EYE TAPE. ABRAHAM BEBEL, Brooklyn, N. Y., assignor to The De Long Hook and Eye Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 10, 1924. Serial No. 698,010. 1 Claim. (Cl. 2—265.)



A hook and eye tape structure for closing the edges of garments of wearing apparel comprising a tape, hooks having shank and bill portions, means for securing the rear ends of the shank portions to said tape, a row of stitching extending longitudinally of the said tape and having loops formed at intervals therein, which loops extend laterally toward an edge of the said tape and which are in engagement with the outer end portions of the said hooks at points intermediate the shank and bill portions thereof for holding the same flat against the said tape.

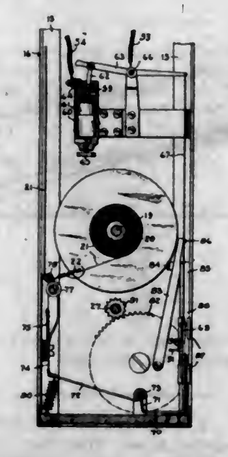
1,622,409. DISPLAY APPARATUS. ALEXANDER BERNSTEIN, New York, N. Y., assignor to William S. Gluck New York, N. Y. Filed Sept. 6, 1923. Serial No 661,208. 7 Claims. (Cl. 40—147.)



1. In a device of the character described, in combination, a display box, a mask, means for supporting the mask interiorly of the box for adjustment longitudinally thereof, the box being constructed and adapted to receive an object or pictorialization therewithin observable through the mask whereby an adjustment of the mask will produce the illusion of a positional change in the relationship of the object or pictorialization with reference to the complete device.

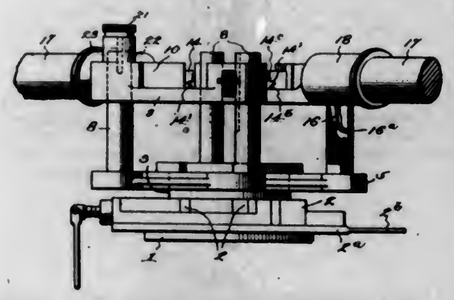
1,622,410. ADVERTISING DISPLAY DEVICE. FRANK W. BLUMIE, Seattle, Wash., assignor to Automatic Display Company, Seattle, Wash., a Corporation of Washington. Filed Mar. 31, 1925. Serial No. 19,599. 10 Claims. (Cl. 40—53.)

1. In an advertising device, a frame having a display opening, rollers at the top and bottom of said display opening respectively, a curtain formed of a plurality of sections and arranged to be rolled on said rollers, clips detachably connecting the ends of said sections, means for periodically moving and stopping said



curtains and timing means operated by said clips for determining the time that said curtains will be at rest.

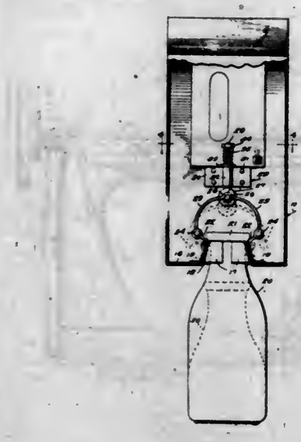
1,622,411. PIPE-THREADING MACHINE. BRADFORD BORDEN, Cleveland, Ohio. Filed Apr. 9, 1924. Serial No. 705,298. 13 Claims. (Cl. 10—120.5.)



7. A pipe threading machine including a die stock comprising a substantially square plate having a work receiving opening, bosses radiating from said work receiving opening toward the corners of said plate, said bosses having longitudinal die receiving slots therein and transverse post receiving holes communicating with said slots, dies slidably receivable in said slots and having pins projecting from the sides thereof, posts loosely receivable in said post holes for slidably mounting said die stock on a support, said posts having longitudinal grooves therein and disposed obliquely with respect to the axis of the work, and said grooves having one end open for the reception of said die pins, the opposite ends of said grooves being turned laterally in a direction away from the axis of the work.

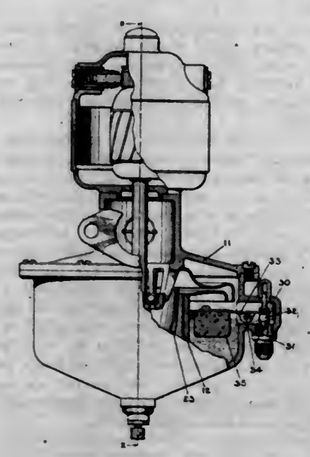
1,622,412. COMBINED MAIL BOX AND BOTTLE HOLDER. PAUL BRANDOFINE, Port Richmond, N. Y. Filed May 17, 1926. Serial No. 109,752. 5 Claims. (Cl. 232—41.)

1. A device of the character described comprising a pair of coacting engaging members each pivotally supported adjacent its lower end, the upper ends of said members normally being arranged closer to each other than the lower ends and being adapted to engage a bottle, and a single operating means for moving both of



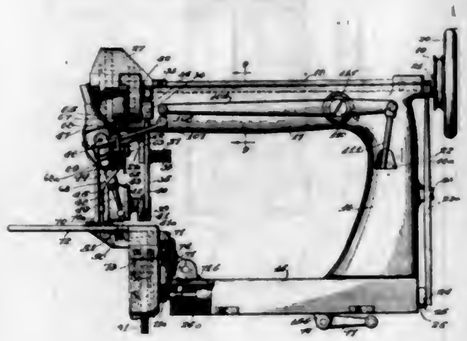
said members toward and away from each other, said means including a spring normally urging said members to engaging position.

1,622,413. LIQUID-FUEL FEEDING AND CARBURETING APPARATUS. CARL P. BROCKWAY, Toledo, Ohio, and ERNEST R. HUNTLEY, Milwaukee, Wis., assignors to Industrial Research Corporation, Toledo, Ohio, a Corporation of Delaware. Filed June 21, 1920. Serial No. 390,586. 12 Claims. (Cl. 261—91.)



1. In a carbureter, means for conducting air therethrough in two separate passages, means for producing a fine spray of fuel in one of said passages, through which spray the air in that passage must travel, said spray producing means furnishing spray in a constant and excessive amount, means for collecting and condensing the excess fuel and returning it to said first named means, and means for variously proportioning the amounts of air moving through said passages whereby the amount of fuel passing from the carbureter is regulated.

1,622,414. FELLING MACHINE. MAURICE D. BRODY, Chicago, Ill. Filed Mar. 31, 1923. Serial No. 628,970. 42 Claims. (Cl. 112—178.)



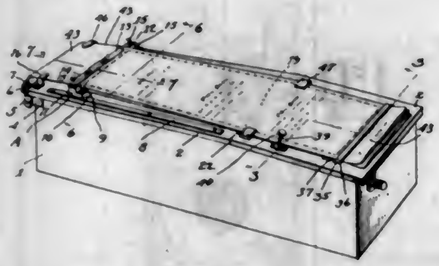
1. In a sewing machine, the combination of a table for supporting thicknesses of material to be sewed, a guide for separating said thicknesses at the stitching point, stitch forming devices comprising an oscillatory needle, a bobbin and a rotary loop-forming hook, an upper push rod for depressing the upper thickness of material into the path of the needle for alternate stitches, and a lower push rod for raising the lower thickness of material into the path of the needle for intermediate stitches, said push rods acting in opposed relation to each other above and below the material being sewed and substantially in alinement with each other.

14. In a sewing machine, the combination of a stationary presser foot, stitch forming devices adjacent said foot, a movable housing for said devices, a support for said housing, and devices for moving said housing from stitching position to facilitate inserting material to be sewed.

31. In a sewing machine, the combination of a table for supporting layers of material to be sewed, a guide having walls diverging from the stitching position at an acute angle for separating said layers of material, a curved needle in a plane between the guide walls and having a path of travel extending between said guide walls and through an opening in their intersecting edges at the sewing position, a needle bar for supporting and oscillating said needle, a hook rotatable in a vertical plane adjacent the forward position of the needle to loop the needle thread, a bobbin casing loosely supported within said hook to be encircled by said loop, one of the walls of said guide being substantially parallel with said table, and a presser foot having an upwardly inclined extension adjacent to and substantially parallel with the other wall of said guide.

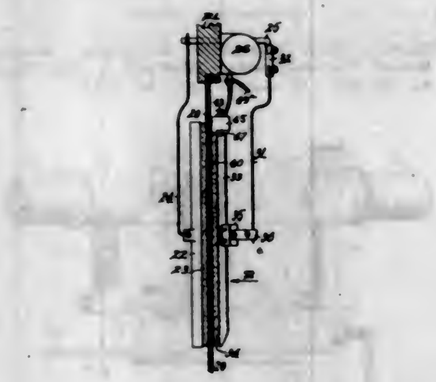
1,622,415. DUPLICATING DEVICE. ARTHUR BUADELL, Atlanta, Ga., assignor, by mesne assignments, to A. S. Gilman, Cleveland, Ohio. Filed July 5, 1924, Serial No. 724,443. Renewed Dec. 10, 1926. 3 Claims. (Cl. 282—19.)

1. A duplicating device comprising a cabinet, a cover therefor over which a strip of multi-folded stationery is adapted to pass, a carbon holding means and means coacting therewith for moving the said carbon holding means longitudinally with respect to the said cover, adjustable means for clamping the stationery to the cover, means coacting with the said clamping means for effecting the release of the clamping means and a paper elevating arm simultaneously coacting with said additional



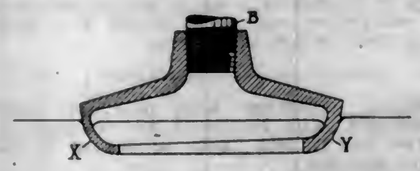
means to effect elevation of the free end of the stationery above the surface of the cover.

1,622,416. WINDSHIELD CLEARER. HARRY R. BURTON, Worcester, Mass. Filed Mar. 12, 1925, Serial No. 15,077. 5 Claims. (Cl. 15—253.)



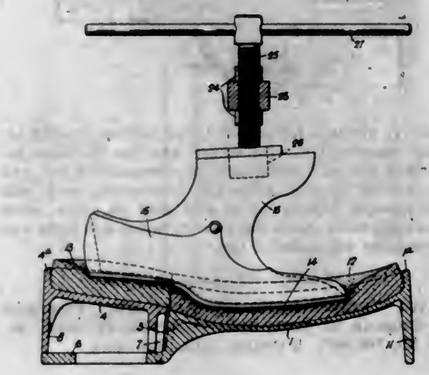
1. In a windshield clearer, a heating device comprising a swingingly mounted frame member, a heating member slidably mounted in said frame member, said frame member and heating member having interlocking portions, and a thin glass-engaging covering for said heating member clamped in position by said interlocking portions.

1,622,417. GLASS DRAWING AND APPARATUS THEREFOR. WALTER E. BUZBY, Wichita Falls, Tex. Filed Apr. 7, 1925. Serial No. 21,323. 5 Claims. (Cl. 49—17.1.)



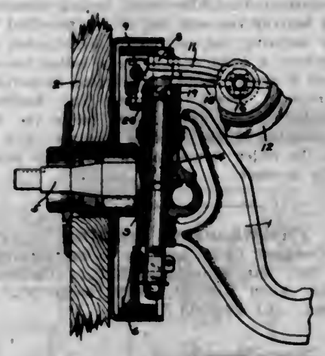
2. In the art of drawing glass cylinders, the method of compensating non-uniformity of temperature conditions of the surface of the bath which comprises the immersion, in the surface of the bath, of a bait arranged so as to initially chill a hotter portion of the bath more than a cooler portion of the bath.

1,622,418. SOLE-PRESSING APPARATUS FOR USE IN THE MANUFACTURE AND REPAIR OF BOOTS AND SHOES. THOMAS EDWIN CANN, Leicester, England. Filed Apr. 28, 1926. Serial No. 105,171, and in Great Britain May 14, 1925. 3 Claims. (Cl. 12—38.)



1. A sole laying press comprising a bed for the support of the tread part of a sole, and a separate and detachable bed for the support of the heel extension of the sole.

1,622,419. AUTOMATIC BRAKE. ALBERT J. CHAPIN, Oakland, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Dec. 15, 1923. Serial No. 680,863. 4 Claims. (Cl. 188—152.)



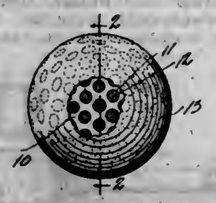
4. In an automotive front wheel brake, the combination with a front wheel steering knuckle having a king pin, of a brake operating sleeve slidably and non-rotatably mounted on said king pin, a cam lever rotatably mounted on said king pin for operating said sleeve, a brake chamber carried by said sleeve and containing a flexible diaphragm operable by fluid under pressure, and a diaphragm rod operated by said diaphragm and operatively connected to said cam lever.

1,622,420. VEHICLE BRAKE DEVICE. HORACE S. CLARK, Oakland, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed May 27, 1925. Serial No. 33,172. 3 Claims. (Cl. 188—78.)



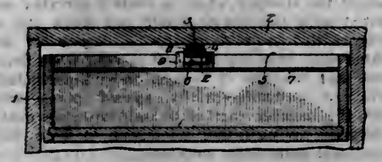
1. In a vehicle brake, the combination with brake heads, of a rotatable cam interposed between the free ends of said brake heads, said cam having a tip at the end of the cam providing a more abrupt cam face.

1,622,421. GAME BALL. CHARLES W. COFFIELD, Bowie, Tex. Filed Mar. 30, 1926. Serial No. 98,471. 1 Claim. (Cl. 273—62.)



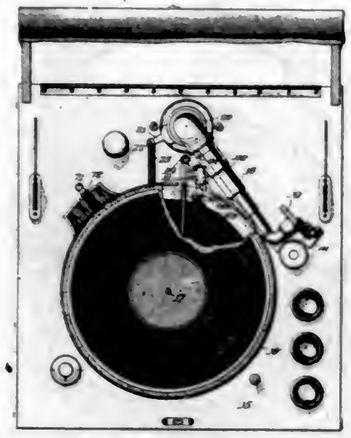
A solid game ball having a plurality of separated recesses upon its periphery, luminous material filling said recesses flush with said periphery, and a transparent covering completely enclosing the surface of the ball and said material.

1,622,422. DRAWER GUIDE. WILLIAM CONWELL and CLARENCE MAHONEY, Elwood, Ind., assignor to G. I. Sellers & Sons Company, Elwood, Ind., a Corporation of Indiana. Filed June 2, 1923. Serial No. 642,901. 3 Claims. (Cl. 45—77.)



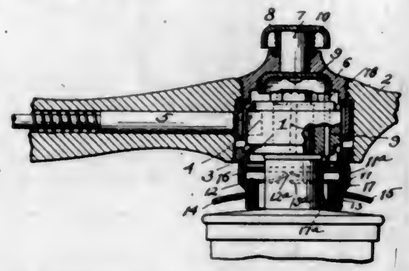
3. The combination with a drawer and a supporting guide therefor extending in the direction of movement of the drawer, the guide and the rear side of the drawer being at right angles to each other and having opposite grooves in their edges, and a guide member therefor having inwardly turned edges at opposite sides thereof adapted to engage in the grooves of the drawer side and the guide for free sliding movement thereon.

1,622,423. PHONOGRAPH MECHANISM. FRED H. DOERR and GORDON E. ROEDDING, Grand Rapids, Mich., assignors to Cheney Talking Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 27, 1922. Serial No. 590,784. 19 Claims. (Cl. 274—15.)



1. The combination with a motor and a moving member, stop mechanism serving to stop the motor upon cessation of movement by the member, a control lever for said stop mechanism, and mechanism associated with the stop control and stop mechanism whereby movement of the control lever to a predetermined position serves to disengage the stop mechanism and permit starting of the motor.

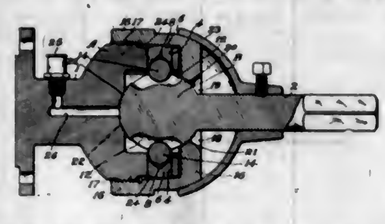
1,622,424. MAKE AND BREAK DEVICE. DAVID J. DOLAN, Cleveland, Ohio. Filed Nov. 28, 1921. Serial No. 518,345. 2 Claims. (Cl. 200—59.)



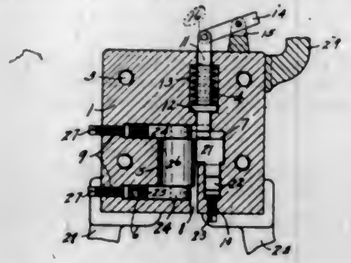
1. The combination with a steering wheel, a steering post on which the steering wheel is mounted, a member mounted upon said steering post and extending within the hub of the wheel, a depressible button mounted on the hub of the steering wheel, a contact carrying member associated with the steering post and below the wheel, contacts carried by said member, a depressible member associated with said contacts and serving when depressed to cause said contacts to engage, and means including a plurality of circumferentially spaced pins extending through the member carried by said steering post, said pins forming an operative connection between the button and said depressible member.

1,622,425. UNIVERSAL JOINT. WILLIAM S. DWYER, Devon, Conn. Filed Aug. 10, 1926. Serial No. 128,364. 5 Claims. (Cl. 64—91.)

1. An universal joint, comprising ball and socket members having alined pairs of diametrically opposed bearing recesses, said pairs being disposed at an angle to each other, the recesses in one member being elongated, while the recesses carried by the socket member are formed in blocks which extend loosely within pockets in the socket and have their outer faces extending beyond the outer wall of the socket, ball bearings housed within said recesses, a keeper shell, said socket and shell having complementary bearings for said ball, and said shell being adjustably connected to said socket whereby the wear between said ball and socket may be compensated for, and means carried by said shell and cooperating with said blocks whereby adjustment of said shell as above noted will automatically cause the wear between said balls and recesses to be compensated for.

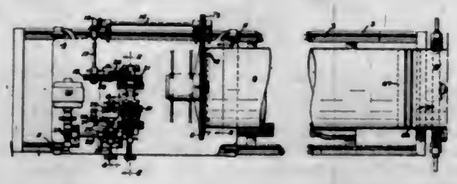


1,622,426. ELBOW-BENDING MACHINE. FREDERICK W. ENGELKE, St. Louis, Mo. Filed Mar. 22, 1924. Serial No. 700,997. 3 Claims. (Cl. 153—32.)



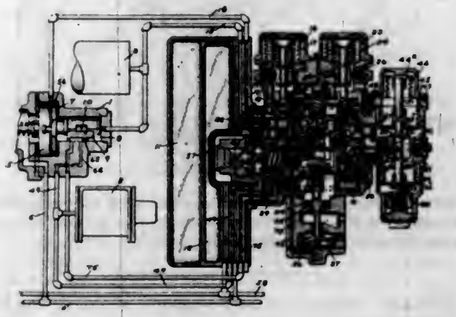
3. A device of the kind described, comprising a sectionally constructed machine block, having hammer, anvil, roller and bearing recesses and a slot provided therein; means for securing the sectionally constructed machine block together; a hammer, having a collar incorporated therein and a spring mounted thereon, mounted in the hammer recess; means actuating the hammer; an anvil mounted in the anvil recess below the hammer; bearings mounted in the bearing recesses; and a roller located in the roller recess, journaled in the bearings in the bearing recesses.

1,622,427. PIPE-WRAPPING MACHINE. CHARLES S. EVANS, Oakland, Calif., assignor to The Paraffine Companies, Inc., San Francisco, Calif., a Corporation of Delaware. Filed May 11, 1926. Serial No. 108,240. 20 Claims. (Cl. 242—11.)



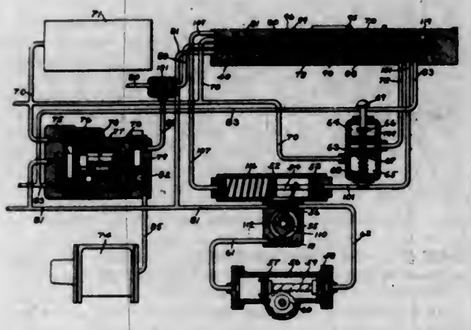
1. In a machine for wrapping objects, a carriage, a track on which the carriage is movable, a chuck on the carriage for supporting one end of the object, means for propelling the carriage along the track, and means for rotating the object.

1,622,428. FLUID-PRESSURE BRAKE. CLYDE C. FARMER, Pittsburgh, and THOMAS H. THOMAS, Edgewood, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Apr. 20, 1925. Serial No. 24,361. 13 Claims. (Cl. 303—60.)



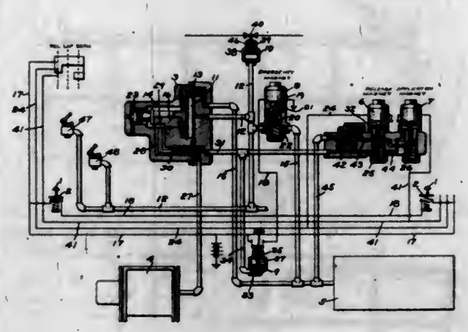
1. In a fluid pressure brake, the combination with a brake pipe and a brake cylinder, of a valve device operated upon a reduction in brake pipe pressure for supplying fluid under pressure to the brake cylinder, and an auxiliary valve device, subject to the pressures of the brake pipe and the brake cylinder for also controlling the supply of fluid under pressure to the brake cylinder.

1,622,429. SAFETY CAR-CONTROL EQUIPMENT. CLYDE C. FARMER, Pittsburgh, Pa., and JOHN S. McWHIRTER, New York, N. Y.; said Farmer assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania, and said McWhirter assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 5, 1925. Serial No. 28,087. 20 Claims. (Cl. 303—6.1.)



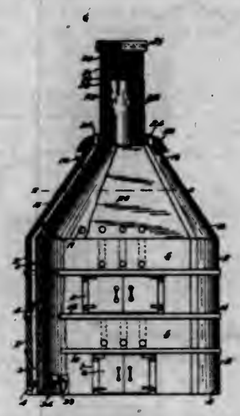
1. In a car control apparatus, the combination with manually operated means for controlling the power circuit and having a power on and a power off position and manually operated means for controlling a car door, of means for rendering said car door controlling means inoperative to open the car door when the power circuit controlling means is in the power position.

1,622,430. ELECTROPNEUMATIC BRAKE. CLYDE C. FARMER, Pittsburgh, and JOSEPH C. McCUNE, Edgewood, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed May 27, 1926. Serial No. 111,995. 5 Claims. (Cl. 303—19.)



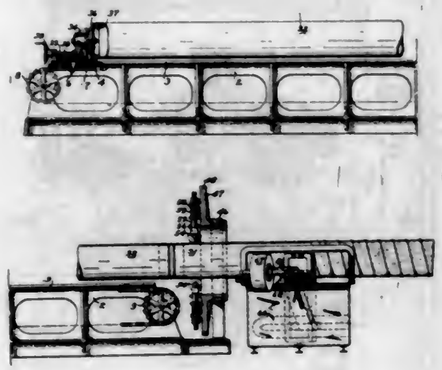
1. In a car control apparatus, the combination with a control pipe and an emergency valve device operated upon a reduction in fluid pressure in said pipe for effecting an application of the brakes, of a valve for venting fluid from said pipe, a magnet for operating said valve, a foot controlled switch for controlling the circuit of said magnet, and a switch device operated upon an application of the brakes for controlling the circuit of said magnet.

1,622,431. AIR-COOLED INCINERATOR. JOSEPH FEIGENBAUM, Los Angeles, Calif., assignor to Safety Concrete Incinerator Co., Inc., a Corporation of California. Filed Oct. 19, 1925. Serial No. 63,342. 5 Claims. (Cl. 110—18.)



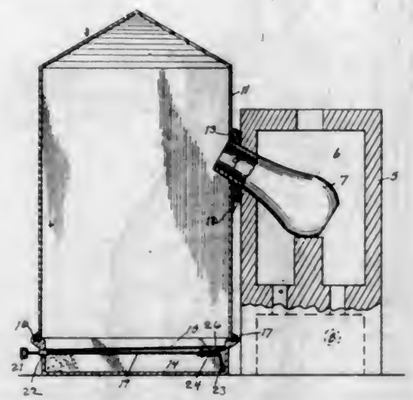
2. An incinerator comprising a wall body formed of courses of blocks having air passages from top to bottom and having fresh air inlet holes in their outer faces, a dome consisting of a course of convergent hollow blocks on the top of the wall and having ports in its inside face to the block chambers and top outlet vents for the rising air; whereby when the wall is heated cooling air by thermic circulation flows into and out of the block chambers from bottom to top without passing into the fire space.

1,622,432. PIPE-WRAPPING MACHINE. DOZIER FINLEY, Berkeley, Calif., assignor to The Paraffine Companies, Inc., San Francisco, Calif., a Corporation of Delaware. Filed May 17, 1926. Serial No. 109,540. 11 Claims. (Cl. 242—11.)



1. In a machine for wrapping objects, a carriage, a track on which the carriage is movable, a chuck on the carriage for supporting one end of the object, means for propelling the carriage along the track, a rotor ring, means for rotating the ring, and means on said ring for fixing the object for rotation with the ring while permitting the object to pass thru the ring in an axial direction.

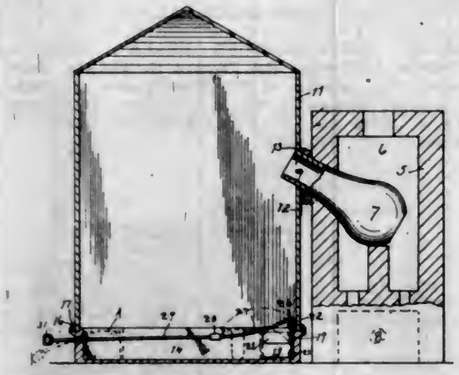
1,622,433. APPARATUS FOR THE PRODUCTION OF METAL DUST. ROBERT B. FINN, San Francisco, Calif., assignor to John Finn Metal Works, San Francisco, Calif. Filed Apr. 28, 1926. Serial No. 105,153. 5 Claims. (Cl. 266—19.)



1. In an apparatus of the character described, a condenser pan, a blade movable over the bottom thereof, and means for maintaining said blade in contact with the bottom thereof.

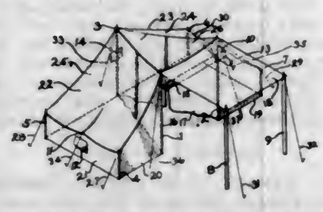
1,622,434. APPARATUS FOR THE PRODUCTION OF METALLIC DUST. ROBERT B. FINN, San Francisco, Calif., assignor to John Finn Metal Works, San Francisco, Calif. Filed June 12, 1926. Serial No. 115,635. 5 Claims. (Cl. 266—19.)

1. In an apparatus of the character described, a condensing pan, a scraping element having a cover portion formed integral therewith, said scraping element adapted to initially rest upon the pan in a horizontal position and means for upsetting said scraping element so that the



same will assume a vertical position, said means serving to move said scraping element over the bottom of said pan, for the purpose specified.

1,622,435. TOURIST'S AUTO TENT. FRANK D. FRAZEE, Springfield, Ill. Filed Feb. 18, 1924. Serial No. 693,510. 1 Claim. (Cl. 135—1.)

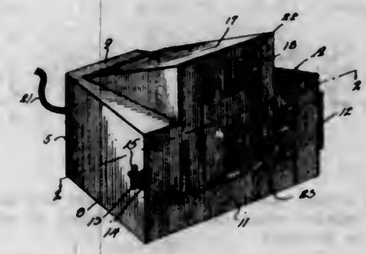


A tourist's auto tent of the character described adapted to cover a rectangular area and having perpendicular walls supporting the top; said top comprising three sections including a central section of a triangular shape and a pair of oppositely disposed end sections each of which forms a quadrilateral containing two adjacent right angles, one acute angle and on obtuse angle; the front perpendicular wall of the tent terminating in its highest elevation in a centrally disposed horizontal line over the entrance to the tent; said line forming the base line of said triangular central top section whose apex is located at a slightly lower level at a point over the perpendicular rear wall of the tent; said end sections of said top adapted to slope endwardly from the corresponding sides of said triangular top section until they meet the tops of the perpendicular end walls of the tent; a centrally disposed entrance in the front wall of the tent provided with an awning for optionally shading the same or for closing the tent as described and for the purpose set forth.

1,622,436. NUMBER HOLDER. WESLEY W. FREED, East Palestine, Ohio. Filed July 9, 1923. Serial No. 650,495. 1 Claim. (Cl. 40—133.)

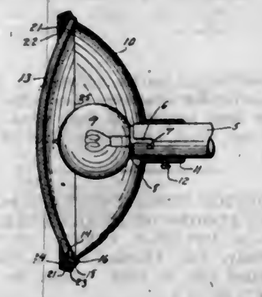
In a device of the class described, a main sheet metal casing including top, bottom and side walls, one of the said side walls being provided with a laterally directed ear, an auxiliary casing stamped from the said top wall, a lamp within the main casing, brackets carried by the inner surfaces of the said side wall inwardly of the outer ends thereof, a transparent panel received within the main casing and the auxiliary casing and engaging the said brackets, a door including a flat stenciled metal plate stamped from a single sheet of material hinged at

one of its ends to one of the said side walls in front of the said panel and adapted to close the main casing and the auxiliary casing, the opposite end or the said door being



provided with an ear adapted to register with the first named ear, and removable fastening means passing through the said alined ears.

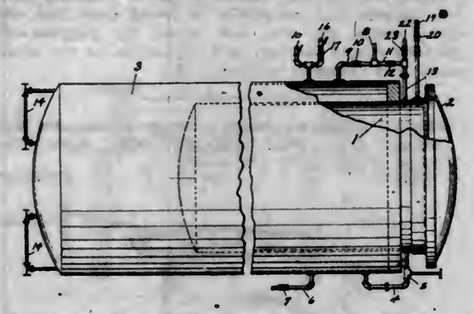
1,622,437. LENS SUPPORTING AND RETAINING MEANS. ROBERT R. FREUND, Denver, Colo., assignor to Shot-Lite Corporation of America, Denver, Colo., a Corporation of Colorado. Filed Feb. 18, 1924. Serial No. 693,657. 1 Claim. (Cl. 240—41.)



A lamp comprising a casing that has an open face encompassed by an enlarged seating rim which in cross-section embodies an annular outwardly turned flange section, having an approximately plane face, merging into a forwardly divergent intermediate annular section, having a bulging convexly arcuate forwardly disposed face, and a continuing forwardly converging concavely arcuate annular lip section that provides for a wedging face, the said plane face and a portion of said convexly arcuate face forming an obtuse angular inner annular recess while the other portion of said convexly arcuate face and the said concavely arcuate wedging face form an acute angular outer annular recess, with the minimum diameter of said outer recess being slightly greater than the maximum diameter of said inner recess, an annular lens peripherally seated snugly within said inner recess, an annular cushioning gasket seated within the angle of said outer recess, and a resilient ring seated within the forward portion of said outer recess in wedgingly held engagement with said cushioning gasket and said lens.

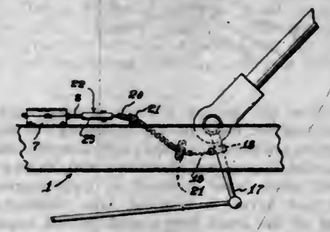
1,622,438. APPARATUS FOR VULCANIZING UNDER FLUID PRESSURE. ROY D. FRITZ, Barberton, Ohio, assignor, by direct and mesne assignments, to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Jan. 12, 1926. Serial No. 80,713. 11 Claims. (Cl. 18—6.)

1. In an apparatus for vulcanising rubber articles under water at high temperatures and pressures, a vulcanizing chamber, a jacket surrounding the chamber, the capacities of the chamber and jacket being substan-



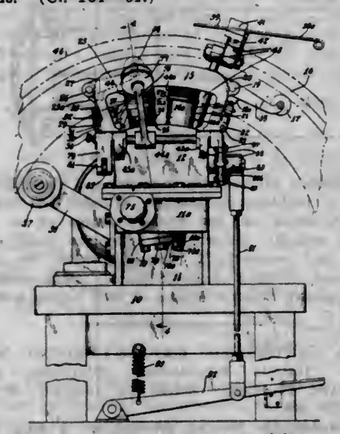
tially equal, and means to transfer water between the jacket and the chamber.

1,622,439. DEVICE FOR OPERATING SWITCHES. ALEXANDER C. FRUE, Detroit, Mich. Filed Dec. 14, 1925. Serial No. 75,262. 3 Claims. (Cl. 200—59.)



1. In a device of the class described in combination, means for actuating a circuit closer for operating vehicle lights, the said means including a loose play link, means to adjust the amount of loose play of said link, a flexible wire attached to a post, said post adapted to move in a slot of said link, a tube for guiding said flexible wire, said wire attached to a moving part of the steering gear of a motor vehicle and so arranged that the movement of the steering gear will be transmitted to the said circuit closer.

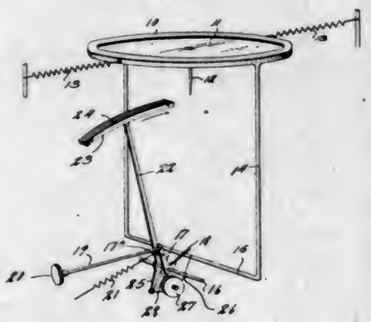
1,622,440. TIRE-TRIMMING APPARATUS. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Oct. 5, 1923. Serial No. 666,721. 27 Claims. (Cl. 164—61.)



1. A tire-trimming machine comprising means for rotating a tire in its own plane, means for progressive-

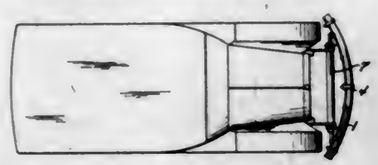
ly flexing a side wall thereof laterally as it is so rotated, to cause a toe portion thereof to pass a trimming position, whereby said toe portion is swung away from the cavity within the tire, and means for progressively trimming a mold fin from said toe portion as the latter passes said trimming position.

1,622,441. TALKING DOLL. OSCAR A GARLAND, Hot Springs, Ark. Filed Aug. 27, 1925. Serial No. 52,866. 7 Claims. (Cl. 274—17.)



5. A figure toy having therein a diaphragm and a mounting therefor, resilient means urging the diaphragm and mounting upwardly, a yoke carried by the diaphragm mounting and depending therefrom and having a cross bar, a bell crank lever mounted at right angles to the cross bar and having a resilient arm yieldingly engaging on top of the cross bar, a push button connected to the other arm of the bell crank lever, the last named arm of the bell crank lever having a laterally projecting finger, a phonographic record, an arm supporting the same and pivotally mounted upon the same axis as the bell crank lever and extending beyond said axis, a spring urging the bell crank lever rearwardly, a flexible connection attached to the lower end of said record carrying arm and to the cross bar, and a pulley beneath which the flexible connection passes.

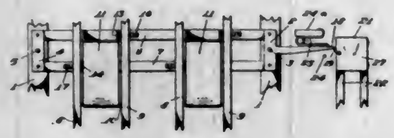
1,622,442. BUMPER FOR MOTOR VEHICLES. WALTER A. GUENTHER and THEODORE H. GUENTHER, Holyoke, Mass. Filed Jan. 22, 1926. Serial No. 83,042. 3 Claims. (Cl. 293—55.)



1. A bumper for vehicles comprising a normally bowed member of resilient material, a cylinder adapted to be rigidly mounted on the chassis frame of a vehicle, plungers slidably mounted in opposite ends of said cylinder and respectively connected with the ends of said bowed member for movement away from each other upon the inward flexing of said bowed member.

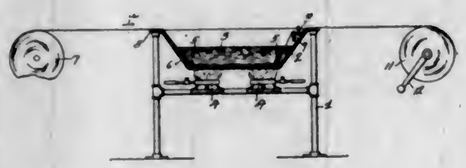
1,622,443. AUTOMATIC CATTLE-FEEDING MECHANISM. HALVAR HALVARSSON, Bjalverud, Sweden. Filed Apr. 17, 1926. Serial No. 102,771. 5 Claims. (Cl. 161—10.)

1. In automatic feeding mechanism, a pair of connected elements slidable in opposite directions, time controlled actuating mechanism for said elements, a plurality of invertible gravity actuated feed containers, and means releasably connecting said containers whereby they are held in upright position against the force of gravity



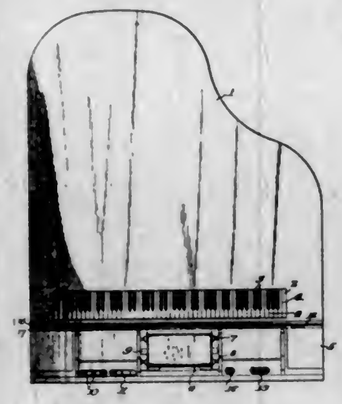
in the normal position of said elements and automatically released when the normal position of said elements is disturbed.

1,622,444. FABRIC TREATMENT. JOSEPH R. HOGATE and LEROY E. SPENCE, Bladen, Nebr. Filed June 11, 1926. Serial No. 115,301. 2 Claims. (Cl. 91—68.)



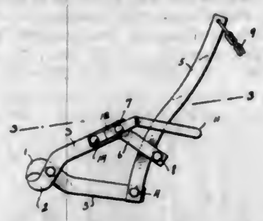
1. A composition of matter adapted to render fabric translucent comprising a mixture of paraffin, beeswax and petrolatum in such proportions that when applied to a fabric it will not crack and will be free of pin holes.

1,622,445. DEVICE FOR INDICATING POSITION OF PIANOS ON FLOORS OR OTHER SURFACES. BENJAMIN HIRAM JEFFERSON, Chicago, Ill., assignor to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois. Filed Feb. 3, 1923. Serial No. 616,666. 3 Claims. (Cl. 33—1.)



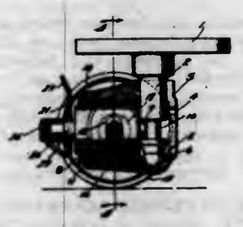
2. A device of the class specified, comprising a body part consisting of a flat full sized representation of the outline plan of a grand piano and a supplemental part consisting of a flat full sized similar representation of the reproducing mechanisms of such piano, said supplemental part having a hinge connection with a body part.

1,622,446. WIRE CUTTER. ROY E. JOURDAN, Rhinelander, Wis., assignor of one-fourth to Alvin S. Jourdan, one-fourth to Clarence C. Jourdan, and one-fourth to Ervin J. P. Lutzke, Rhinelander, Wis. Filed May 31, 1924, Serial No. 717,112. Renewed Aug. 14, 1926. 2 Claims. (Cl. 30—17.)



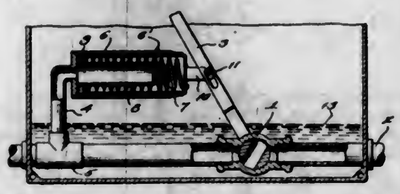
1. The combination with a cutting device comprising two pivotally connected jaws provided with operating levers, and means coacting with said levers for moving the jaws one toward the other of an arm adapted to overlie a lever of one of the jaws, means for securing said arm to the lever, an end of the arm being continued by an angularly related offset finger, and a lifting element engageable with the finger.

1,622,447. CASTER. GEORGE J. KALBERER, Hamilton, Ohio. Filed Oct. 15, 1925. Serial No. 62,676. 3 Claims. (Cl. 16—47.)



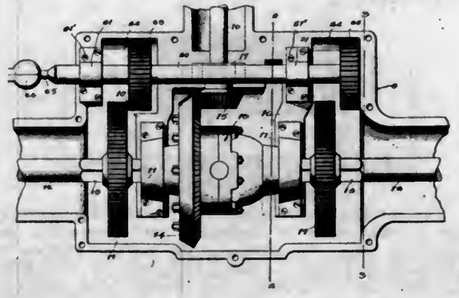
1. In a double wheel caster, a body, a swivelling bearing journalled in said body, an axle transversely extending through said bearing to swivel thereto and confine the bearing within the body, said axle carrying wheels respectively at its opposite ends, and a spindle for securing the caster in use, swivelled in said body transversely to said bearing and interlocking engagement therewith for confining the spindle against axial displacement from the body.

1,622,448. AUTOMATIC VALVE. LOUIS KALKBRENNER, Wall, S. Dak. Filed Nov. 23, 1925. Serial No. 71,001. 2 Claims. (Cl. 67—115.)



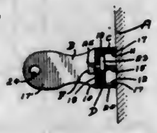
1. In combination with a gas main and its valve, a telescopic casing in communication with the main, a nipple in the casing of flexible material held expanded by the gas pressure, said expansion of the nipple moving the telescopic member of the casing, a spring for holding the telescopic member in contracted position and means for connecting said telescopic part with the valve.

1,622,449. DIFFERENTIAL LOCK FOR MOTOR VEHICLES. FREDERICK J. KATZ, Shreveport, La. Filed Oct. 5, 1921. Serial No. 505,516. 2 Claims. (Cl. 74—100.)



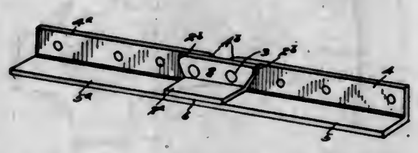
1. In combination with a differential through which a pair of aligned spindles are driven, a gear carried by each spindle, a longitudinally shiftable shaft, a plurality of pinions carried by said shaft, one for each spindle gear, said pinions being normally out of mesh with said spindle gears and arranged whereby with shifting of the shaft carrying the same in one direction the pinions will engage their respective pinions at different intervals.

1,622,450. ADJUSTABLE SHADE BRACKET. JOSEPH C. KLAPPENBERGH, Baltimore, Md. Filed June 21, 1923. Serial No. 646,908. 2 Claims. (Cl. 156—24.)



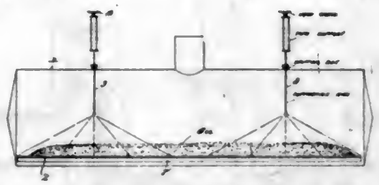
1. A shade roller bracket comprising, an elongated channel shaped base member having its flanges at right angles to the main body portion, a second elongated channel shaped member slidable longitudinally on said base member, said second member having its flanges at right angles to its main body portion and in embracing relation to said base member, and the free longitudinal marginal portions of the flanges of the base member projecting beyond the similar marginal portions of the flanges of the second member, means extending thru the web of said channel shaped base member for securing the same to a window casing and forcing the marginal portions of the flanges thereof into the material of the casing, means for adjustably retaining said second member on said base member, and a projection carried by said second member for supporting a shade roller.

1,622,451. SIDE STOP HINGE. LOUIS A. KROSCHEL, Los Angeles, Calif. Filed May 6, 1926. Serial No. 107,156. 3 Claims. (Cl. 16—163.)



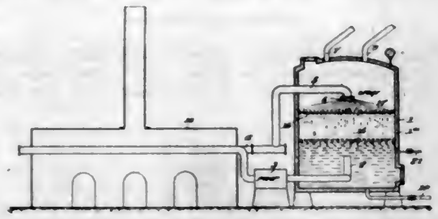
1. A hinge structure including a floating link of angle-section, a pair of leaves of angle-section having coplanar flanges lying against one flange of the link and tightly pivoted thereon; said leaves having flanges with end shoulders to mutually butt when the leaves aline.

1,622,452. STILL. HENRY M. LASHER, Kansas City, Kans., assignor to The Kansas City Gasoline Company, Kansas City, Kans., a Corporation of Kansas. Filed July 1, 1920. Serial No. 393,424. 1 Claim. (Cl. 196—104.)



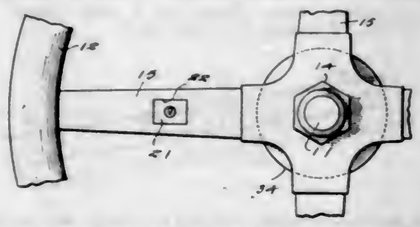
The combination of a still for cracking hydrocarbons and a rack, means for suspending said rack within the still and means for adjusting the vertical position of said rack, said adjusting means being operable from without the still, and stuffing boxes through which said suspending means pass.

1,622,453. METHOD OF TREATING HYDROCARBON OIL. HENRY MICHAEL LASHER, Kansas City, Kans., assignor to The Kansas City Gasoline Company, a Corporation of Kansas. Filed Nov. 16, 1920. Serial No. 424,471. 1 Claim. (Cl. 196—52.)



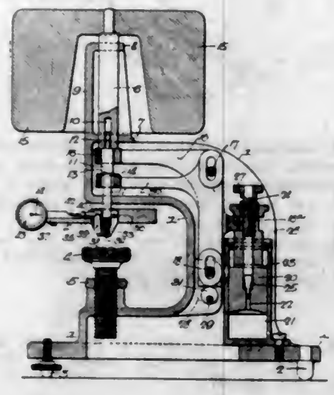
The method of cracking hydrocarbon oil which consists in heating and cracking the oil in separate chambers, while maintaining a uniform pressure and constant circulation through and between said chambers conveying the heat energy necessary for conversion and cracking in the oil itself from the heating zone to the cracking zone, and spraying said heated oil over a fixed catalyst in the cracking chamber in a position above the bottom thereof so as to leave a quiet zone in the lower part of the chamber whereby any carbon formed therein will fall by gravity to the lowest part thereof, and uncracked heavy portions of the oil will collect over said carbon, withdrawing the lighter cracked products from above the catalyst and returning the said heavier liquid products into circulation to and through the heating chamber from below said catalyst.

1,622,454. STEERING-WHEEL LOCK. LACEY LAXTON and CHARLES L. TROSPER, Black Joe, Ky. Filed May 29, 1926. Serial No. 112,039. 7 Claims. (Cl. 70—129.)



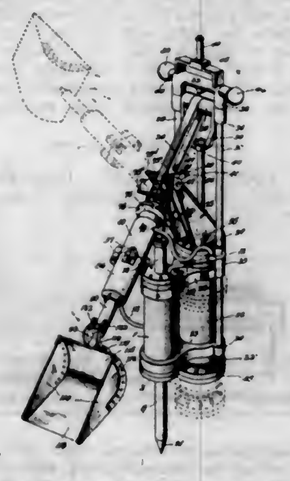
1. On a steering wheel lock, a steering post, a housing therefor having an inwardly directed flange provided at its inner face with lugs, a steering wheel mounted upon the post, a lock upon the steering wheel including a locking part which, in its locking position, has a portion extending between adjacent lugs of the flange and another portion extending beneath said flange to prevent vertical displacement of the steering wheel.

1,622,455. HARDNESS-TESTING MACHINE. ROBERT B. LEWIS, Philadelphia, Pa., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa., a Corporation of Pennsylvania. Field Dec. 22, 1922. Serial No. 608,539. 18 Claims. (Cl. 265—12.)



1. The combination in a hardness testing machine of an anvil for supporting a test specimen; an indenting member; a weight for actuating said indenting member; means for automatically controlling the rate at which said weight is applied; means for removing the weight from the indenting member; and means for automatically indicating the amount of penetration of the indenting member.

1,622,456. FLUID-PRESSURE-OPERATED SHOVELING MACHINE. AUGUST G. LIEBMANN, San Francisco, Calif. Filed Oct. 17, 1921, Serial No. 508,154. Renewed Aug. 20, 1926. 23 Claims. (Cl. 214—132.)



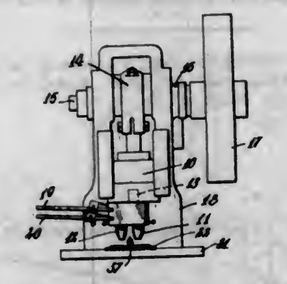
1. In a shoveling machine, a supporting means, a member supported thereon for tilting movement, means for tilting the member, a shovel, means carried by the tilting member and supporting the shovel for movement to elevated position upon tilting of the said member, the shovel supporting means being rotatable laterally to effect lateral tilting of the shovel supported thereby, and coacting means upon the first mentioned supporting means and the shovel supporting means for effecting such rotation, the last mentioned means comprising a relatively fixed abutment carried by the first mentioned supporting means, and means upon the shovel supporting means for coaction with the abutment in the tilting movement of the tilting member.

1,622,457. COMBINED MANUAL NIGHT-WATCH FIRE-ALARM BOX. WALTER S. LUDLOW, Jr., Cincinnati, Ohio. Filed Jan. 30, 1922. Serial No. 532,552. 6 Claims. (Cl. 177—364.)



1. An electric signal transmitting device, comprising a transmission mechanism, signal circuit controlling wheels operated by said transmission mechanism for distinguishable signal circuit control, signal circuit make and break mechanism operable by a selected one of said wheels, manually operable levers for controlling said transmission mechanism, each for a selective wheel cooperation with said circuit make and break mechanism, and means operative with said transmission mechanism for moving said wheels respectively into and out of cooperation with said circuit make and break mechanism.

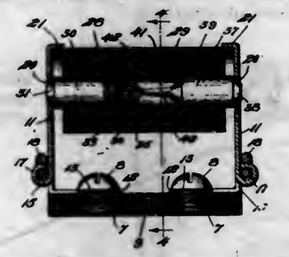
1,622,458. TWIN-LABEL PUNCHER. FRANK LUISA and JAMES DI MATTEO, New York, N. Y. Filed Apr. 3, 1925. Serial No. 20,330. 7 Claims. (Cl. 164—19.)



1. A label punching machine comprising a pair of hollow punching dies, a fibrous plate adjustably arranged beneath said dies, and a waste remover blade on said plate, and means for adjusting the relative positions of said fibrous plate and said waste remover plates.

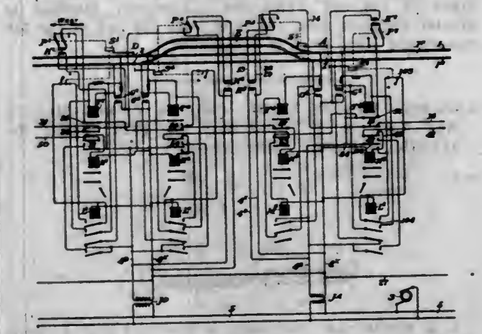
1,622,459. RADIODETECTOR. BERNARD H. LUNDQUIST, Providence, R. I. Filed Feb. 29, 1924. Serial No. 695,925. 3 Claims. (Cl. 250—31.)

1. In a radiodetector, an insulating base, metallic supporting plates upon the base, an insulating block provided with a longitudinal bore, rods embedded in the block in the bore engaging the plates, a mineral element in the inner end of one rod, a needle carried by the inner end of the other rod engaging the mineral element, said



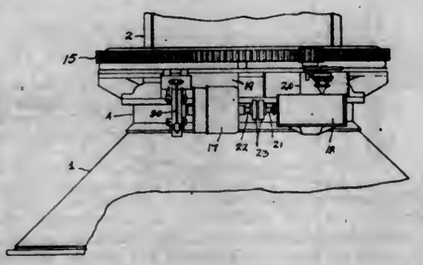
block being provided with a transverse opening extending to the bore in alignment with the mineral element, and a plug in the opening.

1,622,460. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. RONALD A. MCCANN, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Oct. 24, 1923. Serial No. 670,502. 11 Claims. (Cl. 246—34.)



7. In combination, a stretch of railway track comprising a rear and a forward section, a track circuit for said forward section, a relay controlled by traffic conditions in advance of said forward section, a transformer for supplying local train controlling current to said rear section, a primary circuit for said transformer controlled by said track circuit, and a pole changer included in said primary circuit and comprising contacts of said relay.

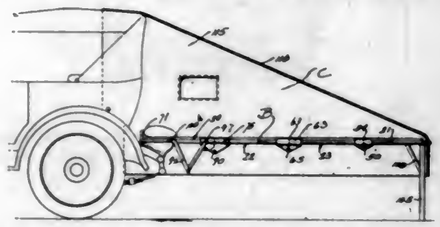
1,622,461. DISTRIBUTOR-DRIVING MECHANISM FOR BLAST-FURNACE STACKS. ARTHUR G. MCKEE, Cleveland, Ohio. Filed Apr. 25, 1925. Serial No. 25,892. 11 Claims. (Cl. 214—37.)



1. In blast furnace charging mechanism, the combination of a rotary distributor; a base ring providing an annular bearing for said distributor; integral brackets

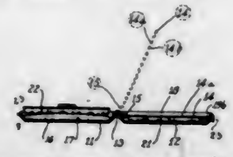
depending from said ring and presenting vertical clamping faces; a motor mounted on one such face; and a reduction gear mounted on the other such face, said gear being coupled to said motor and having driving connection with said distributor.

1,622,462. FOLDING BED FOR AUTOMOBILES. JOSEPH H. MCMANUS, Power, Mont. Filed Aug. 18, 1924. Serial No. 732,856. 6 Claims. (Cl. 5—119.)



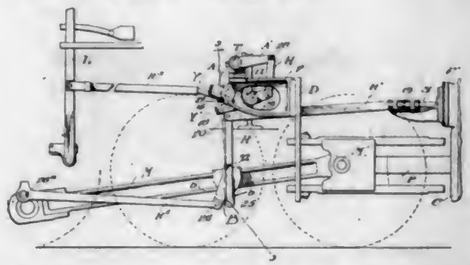
1. A collapsible bed comprising more than three sections each including side rail portions hingedly connected together so that when the sections are extended the rails will be in alignment at each side of the bed, said hinges including pivot points all offset to the same side of the plane of the bed which are successively disposed at greater distances from the rails from one end of the bed toward the other when it is extended.

1,622,463. VANITY CASE. CHARLES LIONEL MARCUS, New York, N. Y. Filed May 26, 1926. Serial No. 111,676. 4 Claims. (Cl. 132—83.)



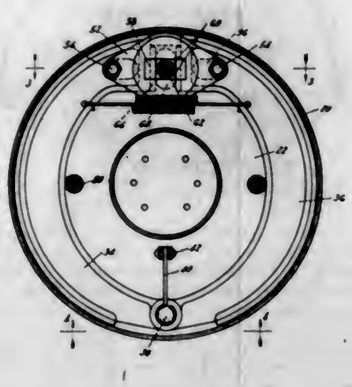
1. A vanity case comprising a container and a cover, said container and cover being substantially identical in shape and size and each adapted to hold a cosmetic, a hinge joining the cover to the container, and a double faced mirror secured to the hinge for swinging movement between the container and cover, said mirror having an offset portion to permit the mirror to be positioned a substantial distance into the cover whereby the available space over the container is increased as and for the purposes described and specified.

1,622,464. VALVE GEAR. MATHEW JOSEPH O'LEARY, Chickasha, Okla. Filed July 12, 1920. Serial No. 395,685. 3 Claims. (Cl. 121—163.)



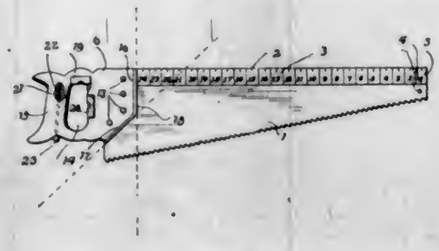
1. A valve gear comprising a valve stem, a frame, a compensating yoke of U-shaped formation fulcrumed on the frame, a motion yoke of U-shaped formation fulcrumed on the compensating yoke, a combination rod pivotally connected at its upper end to said motion yoke at one side of the latter's fulcrum point, a radius rod connected to the combination rod at a point below said motion yoke and to the valve stem, a bell crank lever fulcrumed on the main rod of a locomotive, said combination rod being pivotally connected at its lower end to one arm of said lever, a compensating rod pivotally connected at one end to an eccentric crank arm and pivotally connected to the other arm of said lever, and mechanism operatively connected to said motion yoke at the other side of its fulcrum point for adjusting the yoke, for the purpose described.

1,622,465. BRAKE. BEN G. PARSONS, Detroit, Mich., assignor to The Bendix Brake Company. Filed Feb. 18, 1925, Serial No. 10,018. Renewed Jan. 10, 1927. 12 Claims. (Cl. 188—194.)



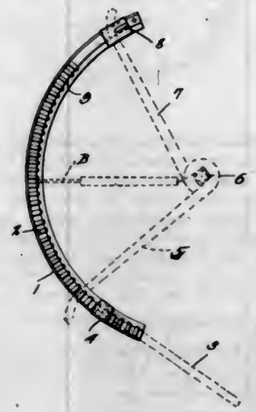
2. A vehicle having a swivelled wheel with a brake, and comprising, in combination therewith, a brake-applying device swivelling with the wheel and shiftable circumferentially of the brake to center itself, a non-swivelling brake-operating shaft, and a universal joint substantially in the swivelling axis of the wheel and connecting the shaft and said device and permitting not only the swivelling of the wheel but also the shifting of said device.

1,622,466. HANDSAW. CARL PATTERSON, Albuquerque, N. Mex. Filed July 14, 1926. Serial No. 122,419. 1 Claim. (Cl. 7—13.)



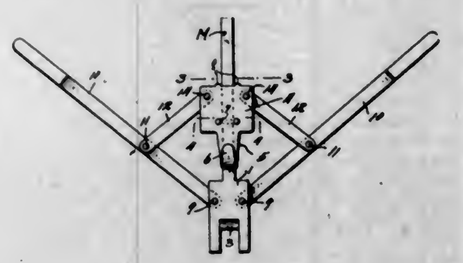
A saw comprising a blade, and a handle secured to one end portion of the blade, said blade having a straight rear edge, an auxiliary blade exteading transversely of the saw blade and having one end portion formed with a longitudinally extending slot providing arms to overlap opposite side faces of the saw blade, the saw blade having openings formed in its free end portion and the arms of the auxiliary blade being provided with alined openings to register with the openings in the saw blade, and fasteners passed through the registering openings of the blades to releasably secure the auxiliary blade to the saw blade at right angles to its back edge.

1,622,467. OIL-WELL JACK. HARRY W. RHINELANDER, Palembang, Sumatra, East Indies. Filed Oct. 20, 1926. Serial No. 142,976. 2 Claims. (Cl. 255—35.)



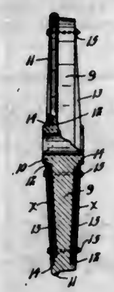
1. In an oil well jack an arcuate rack, and a longitudinal series of gear teeth upon the concave side of the rack.

1,622,468. TIRE SPREADER. ELMER H. SCHAEFFER and DAVID APPEL, Reading, Pa. Filed Nov. 6, 1926. Serial No. 146,765. 5 Claims. (Cl. 152—27.)



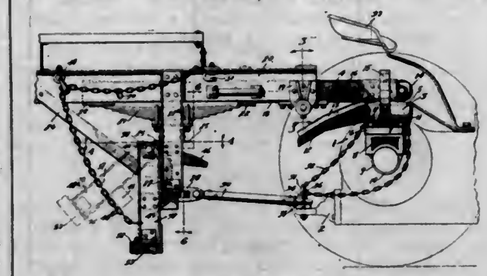
2. A tire spreader comprising a plate having an outstanding lug and provided with an elongated arm, a second plate slidably engaged with said arm, said plate having an arm disposed toward the first named plate and terminating in a return extension, operating members pivotally engaged with the first named plate, rigid links pivotally engaged with said operating members and with the second plate, and means for limiting the inward movement of the operating members, the pivotal connection between the links and operating members, when the operating members are at the limit of such inward movement, being disposed inwardly of the pivotal connection between said links and the second plate.

1,622,469. SOUND DEADENER. WALTER A SCOTT, Minneapolis, Minn. Filed May 24, 1926. Serial No. 111,470. 4 Claims. (Cl. 295—7.)



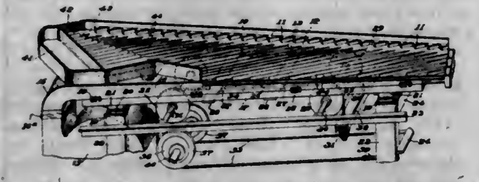
1. A sound absorbing wall comprising a multiplicity of substantially spherical ununited particles of non-resonant material and means to retain said particles in contacting relation.

1,622,470. HITCH FOR SEMITRAILERS. CALEB W. SHIPLEY and RUFUS B. JONES, Cincinnati, Ohio, assignors to The Trailmobile Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Sept. 27, 1922. Serial No. 590,804. 13 Claims. (Cl. 280—33.1.)



1. The combination of a two-wheeled trailer having a rigid load-bearing and trailer-steering tongue, and a tractor with its rear axle casing and differential gear-housing, a bridge supported near the ends of the casing, the trailer tongue being operatively supported upon a medial portion of the bridge immediately over the differential gear housing, and means constituting a draft connection between a rear portion of the tractor and a forward portion of the trailer.

1,622,471. CONCENTRATOR DECK. ALBERT H. STEBBINS, Los Angeles, Calif. Filed June 14, 1926. Serial No. 115,818. 9 Claims. (Cl. 209—467.)



1. A concentrator deck, comprising in combination, a deck casing having a deck surface that is supported at a transverse inclination, diagonally disposed riffles upon the deck surface and arranged to direct the concentrates toward the upper side of the deck while the tailings flow over the riffles toward the lower side of the deck, a feed hopper at one end of the deck, and a series of

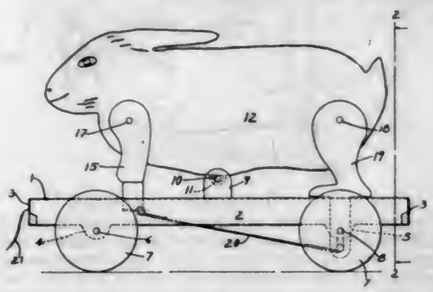
guide walls extending from the hopper over the deck surface toward the upper side of the deck and arranged to form canyons in which the material flows to predetermined portions of the deck surface, said walls having sufficient height to prevent the materials from flowing laterally over the walls.

1,622,472. PROPELLER. WILLIAM STELLNER, Collingwood, Melbourne, Victoria, Australia. Filed Jan. 4, 1926, Serial No. 79,152, and in Australia Feb. 26, 1925. 3 Claims. (Cl. 170—165.)



1. A marine propeller comprising a hub; and a plurality of inclined blades on said hub, each of which constitutes a sector of a circle defined by the outer edges or tips of the blades, the combined frontal area of said blades being substantially equal to the complete circular area between said outer edges of the blades and the periphery of the propeller hub the blades being arranged in sets on said hub.

1,622,473. FIGURE WHEELED TOY. EUGENE A. STIER, near Dayton, Ohio. Filed Oct. 20, 1925. Serial No. 63,756. 2 Claims. (Cl. 46—45.)

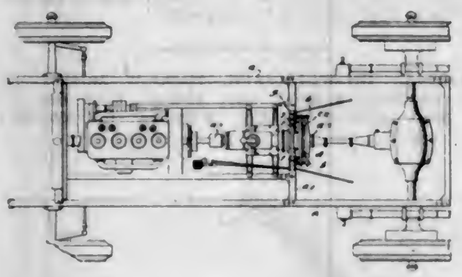


1. A figure toy comprising a base, wheels supporting the latter, a crank secured to the base and to which one pair of wheels is attached, a figure pivotally mounted at its middle portion upon said base, the latter being provided with front and rear parallel slots, a pair of legs projecting through the rear slots and pivotally connected between the rear portion of said figure and the crank, a U-shaped member whose legs project upwardly through the front slots for pivotal connection to the front part of said figure, and means connecting the crank and the cross portion of the U-shaped member, for the purpose specified.

1,622,474. PROCESS OF EFFECTING AGGLOMERATION IN PAPER PULP AND OTHER SUSPENSIONS AND MIXTURES. KARL SVEEN, Aas Landbrukshoiskole, Norway. Filed July 17, 1925, Serial No. 44,355, and in Norway July 21, 1924. 8 Claims. (Cl. 92—40.)

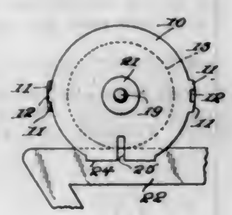
1. Process of producing paper comprising the steps of incorporating into dilute paper pulp containing a mordant and being in the condition ready to be passed on to the wire cloth of the paper machine, a small proportion of an auxiliary substance of such a character as to become contracted or coagulated by interaction with mordants.

1,622,475. TRANSMISSION BRAKE. HORACE T. THOMAS, Lansing, Mich. Filed Aug. 6, 1921. Serial No. 490,226. 10 Claims. (Cl. 188—18.)



1. In an automobile, the combination of a transmission shaft with a disc fixed thereon against relative rotation, the automobile frame, a disc fixed on said frame against rotation relative thereto, one of said discs being provided with apertures therethrough and a plate having a frictional surface provided with lugs adapted to removably engage in said apertures for the purpose described and means for causing frictional engagement between said plate and the first mentioned disc.

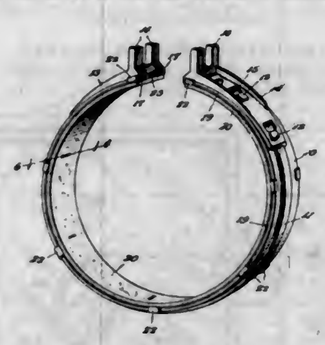
1,622,476. SKATE SHARPENER. STEVE TURI, New York, N. Y. Filed Mar. 6, 1926. Serial No. 92,812. 1 Claim. (Cl. 51—214.)



A sharpener for use upon ice skates comprising a pair of companion discs, each of which having spaced parallel inwardly extending fingers and correspondingly disposed lugs provided upon diametrically opposite sides thereof for interlocking engagement one with the other, a relatively small emery wheel fitting a bushing centrally thereof, an interiorly threaded sleeve providing keys upon diametrically opposite sides thereof and fitted within the corresponding sides of the bushing, and a bolt extending transversely and centrally through the discs and sleeve and a knurled nut upon its opposite end whereby guided by the runners and edge of a skate may be positioned and held between the discs for abrasive action against the emery wheel.

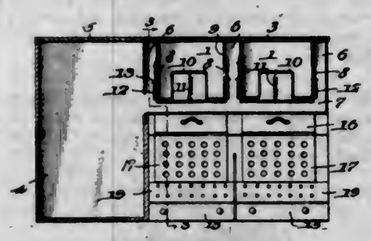
1,622,477. TRANSMISSION OR BRAKE BAND. JOHN C. WEBB, Tonawanda, N. Y. Filed Nov. 30, 1925. Serial No. 72,265. 5 Claims. (Cl. 188—249.)

3. In a transmission band, the combination of a strap, a removable lining carried thereby and slidably removable from the strap, freely detachable ear irons connected with the ends of the strap and provided with lugs to overlie the ends of the lining for locking the lining against endwise displacement, and an auxiliary lug carried by the strap at one end thereof to overlie the adja-



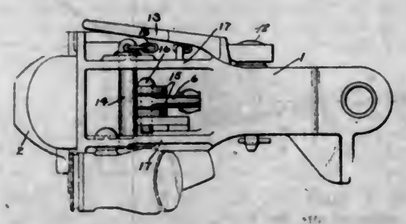
cent end of the lining for limiting the lining against displacement at said end of the strap.

1,622,478. REFRIGERATOR. CECIL O. WILLIAMS, Evansville, Ind. Filed May 17, 1926. Serial No. 109,617. 4 Claims. (Cl. 62—64.)



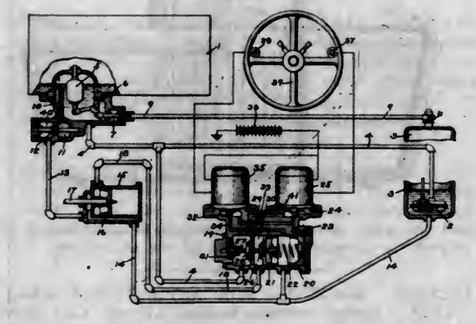
2. In a refrigerator, the combination with a compartment having an opening for the admission of cold air to the interior thereof, of a spring closure normally adapted to close said opening and provided with an actuating device arranged to be operated when an article is introduced into said compartment, and to be released when the article is removed from the compartment, whereby said closure is automatically opened to admit cold air into the interior of the compartment when an article is introduced into the compartment, and said closure is automatically closed to cut off the entry of the cold air into the compartment when the compartment is empty.

1,622,479. AUTOMATIC CAR COUPLER. HARRY F. WORRNLEY, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed July 10, 1924. Serial No. 725,264. 1 Claim. (Cl. 213—100.)



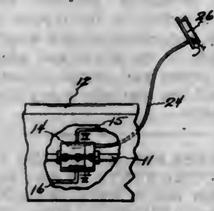
In an automatic car coupler, the combination with a coupler head having a rigid knuckle and a latch for engaging a counterpart coupler head to thereby lock the counterpart knuckles together, of lugs carried by said head and having apertures disposed in the path of said latch and a pin manually insertable in said openings to engage said latch and thereby prevent movement thereof from its locked position.

1,622,480. ELECTROHYDRAULIC BRAKE. BURTON S. AIKMAN, Milwaukee, Wis., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Apr. 25, 1925. Serial No. 25,790. 10 Claims. (Cl. 303—11.)



1. In a liquid pressure brake, the combination with a receptacle containing liquid under pressure and means for supplying liquid from said receptacle for controlling the brakes, of an internal combustion engine having a compression chamber, and means for supplying gases under pressure from said chamber to said receptacle.

1,622,481. DEVICE FOR MEASURING THE LUBRICATING VALUE OF OIL. JAMES B. ANNIS, Kansas City, Mo. Filed Aug. 3, 1925. Serial No. 47,853. 6 Claims. (Cl. 265—10.)

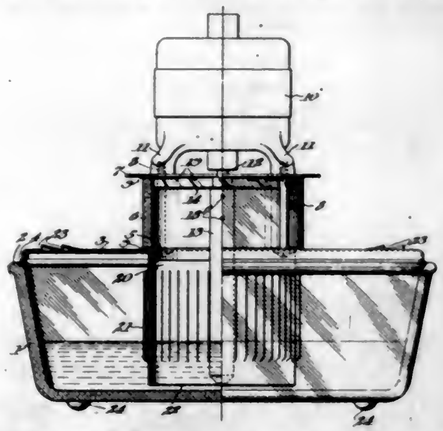


1. A device for measuring the lubricating value of oil comprising a housing having an oil inlet and an oil outlet, a rotatable shaft passing through said housing, a shaft-engaging member having a radially projecting cam within said housing, yieldable movement resisting means engaging said shaft engaging member and an indicating device having means operable by said cam.

1,622,482. HUMIDIFIER. FREDERIC F. BAHNSON, Winston-Salem, N. C. Filed Feb. 27, 1925. Serial No. 12,084. 11 Claims. (Cl. 183—22.)

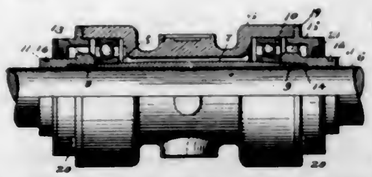
1. In an evaporating humidifier, a receptacle for holding water, a vertically arranged and substantially cylindrical surface having its lower end below the normal water level, means operative to deliver water from said receptacle to the upper portion of said surface, and means operative to establish a rotating tubular column of air

moving downwardly along said surface, the lower portion of said surface being provided with passages therethrough



and the walls defining said passages being arranged to reverse the direction of rotation of the air current.

1,622,483. MOUNTING FOR ANTIFRICTION BEARINGS. JOSEPH OSWELL BAILEY, Atlanta, Ga. Filed Oct. 26, 1921. Serial No. 510,519. 7 Claims. (Cl. 308—189.)

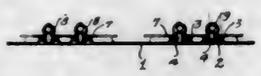


1. A hanger for anti-friction bearings, including a split adapter sleeve for engagement with a shaft, said sleeve being oppositely tapered to points spaced from the ends, the said untapered portions being externally threaded, bearings carried by the tapered portions of the sleeve, a housing, end covers for the housing, and means concealing the ends of the sleeve and adapted to extend through the end covers and engage the screw threads of said sleeve to hold the bearings in a predetermined position upon the sleeve.

1,622,484. PROCESS FOR IMPROVING THE TONE OF STRINGED INSTRUMENTS. PETER BAMBERGER, Denver, Colo. Filed Oct. 9, 1925, Serial No. 61,593, and in Germany Sept. 15, 1925. 6 Claims. (Cl. 134—26.)

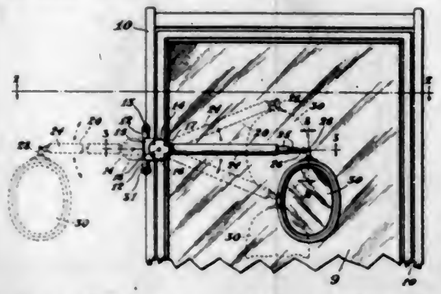
1. A medium for the treatment of stringed musical instruments to improve their tonal qualities comprising onion juice and a varnish vehicle.

1,622,485. ELECTRIC HEATING DEVICE. ALFRED BERSTED and MARTIN BERSTED, Chicago, Ill., assignors to Bersted Manufacturing Company, Chicago, Ill., a Copartnership composed of Martin Bersted and Alfred Bersted. Filed Feb. 13, 1925. Serial No. 8,869. 4 Claims. (Cl. 201—70.)



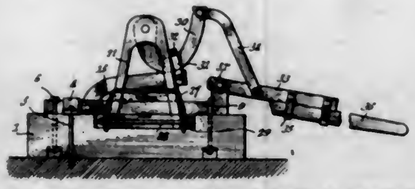
1. In a waffle iron, a base member having depressions in its lower face forming rising projections upon its upper face, U-shaped clips riveted upon said projections and insulated from said base, and a resistance coil confined in said clips, the arms of said clips being folded over said coil.

1,622,486. ADJUSTABLE MIRROR BRACKET. VICTOR BOURDON, Seattle, Wash. Filed Apr. 1, 1925. Serial No. 19,857. 5 Claims. (Cl. 45—97.)



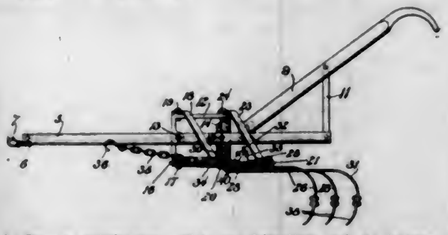
1. In an adjustable mirror-bracket, in combination, a fixed base, a vertically disposed hinge pin mounted therein, a horizontally swinging casing mounted upon said hinge pin, a vertically swinging mirror supporting arm pivotally connected within said casing for horizontal swinging movement therewith, and frictional means disposed within said casing for restrainingly engaging and retaining said arm in selective vertically adjustable positions relative to the casing.

1,622,487. METAL CUTTER. AMEDÉE BRETON, St. Louis de Nedelec, Quebec, Canada. Filed Nov. 17, 1925, Serial No. 69,654, and in Canada July 30, 1925. 6 Claims. (Cl. 164—6.)



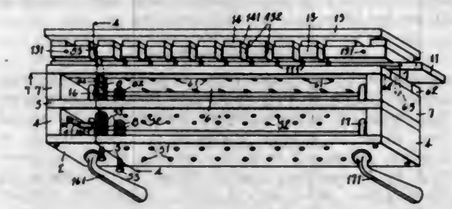
1. A metal cutter comprising a body, a longitudinal bar lying on said body, a fixed knife secured to said bar, a movable knife pivoted to said bar, an upright bearing mounted in the body, a follower pivoted in said bearing and slidably engaging said movable knife, a lever pivoted to one end of the bar, and a yoke secured to the fixed knife and receiving said follower.

1,622,488. CULTIVATOR. ARTHUR BRIODEN, Tuscaloosa, Ala. Filed June 25, 1926. Serial No. 118,542. 6 Claims. (Cl. 97—175.)



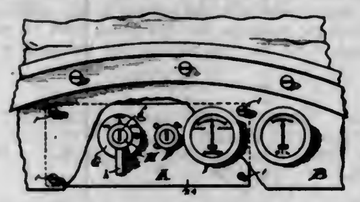
1. In a cultivator, the combination of a beam, a block mounted on the beam, spreader bars supported by said block, arms supported by the block and the spreader bars respectively, and depending teeth secured to the arms, said block being angularly adjustable in a vertical plane to vary the pitch of said teeth.

1,622,489. COMBINATION LOCK. BYRON J. CARNES, Charlotte, Mich. Filed Feb. 23, 1926. Serial No. 90,074. 6 Claims. (Cl. 70—54.)



1. In a combination lock, a casing, parallel plates at the front of the casing, a sliding lock bolt with transverse slots, yielding push pins disposed through the said plates, each provided with a collar and spring reacting against the same to hold it in the outer initial position, plates with transverse guides, a plurality of catch slides with transverse notches and catches at different locations, disposed in said guides with heads opposite the said push pins and movable into and out of engagement with said bolt, certain of the said slide catches being notched to engage the said bolt when in depressed position and others to engage said bolt when in initial position, whereby special manipulation of the push pins is required to release the lock bolt, coiled springs for holding said slides with their heads yieldingly in position whereby the said slides may be depressed by said push pins, a latch on each slide, a perforated latch plate adapted to be engaged by said latches when the slides are depressed, a release plate with apertures to receive said slide latches, a rock lever to manipulate the release plate with a handle at the front of said casing whereby the lock can be reset for manipulation and the bolt can be engaged and locked against movement when in the locking position, and a lock lever for manipulating the lock bolt, with handle at the front of said casing, coacting as described.

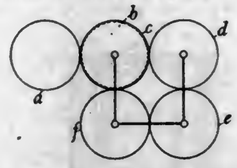
1,622,490. LOCK. CHARLES T. CHADWICK, Somis, and JOHN W. BOONE, Van Nuys, Calif. Filed Aug. 26, 1924. Serial No. 734,227. 4 Claims. (Cl. 70—127.)



1. Improvements in lock switches, including a casing, a cover for the casing, and a lock for locking said cover on the casing comprising cleats on the inside of said cover, locking bolts mounted in the casing, and means actuated by the tumbler of the lock for introducing said bolts under said cleats to prevent removal of the cover from the casing when the lock is locked, and for withdrawing said bolts from under said cleats when the lock is unlocked.

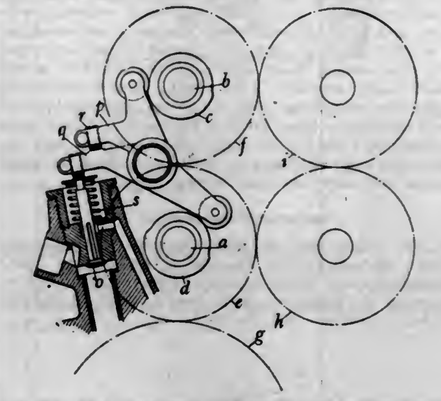
1,622,491. MECHANISM FOR VARYING THE ANGULAR RELATIONSHIP OF TWO SHAFTS RELATIVELY TO A THIRD. LOUIS COATALEN and STANLEY HERBERT ATTWOOD, Wolverhampton, England. Filed Apr. 26, 1926, Serial No. 104,788, and in Great Britain Apr. 6, 1925. 3 Claims. (Cl. 74—7.)

1. A mechanism for varying the angular relationship between two shafts relatively to a third shaft, comprising a driving shaft, two driven shafts, a gear train for driving said driven shafts from said driving shaft including three intermediate gears and a pinion secured to each driven shaft, a pair of said intermediate gears being carried by a linkage pivoted on said driven shafts and engaging each other, the third intermediate gear being freely and slidably mounted on one of said driven shafts and driven by the driving shaft, said third gear



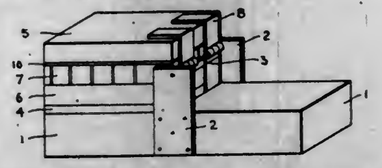
when in one position driving one of said driven shafts directly, the other driven shaft being driven through said pair of gears, the angular relationship between one of said driven shafts relatively to the other shafts being changed when the linkage is shifted angularly with respect to the driven shafts.

1,622,492. VALVE-OPERATING MECHANISM. LOUIS COATALEN, Wolverhampton, England. Filed Apr. 29, 1926, Serial No. 105,519, and in Great Britain Apr. 6, 1925. 5 Claims. (Cl. 123—146.)



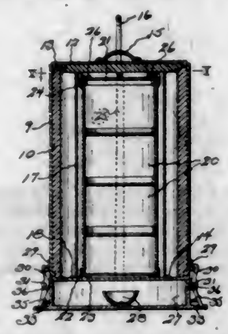
1. In valve operating mechanisms, the combination of a valve operating lever, a pair of cams acting on said lever, means secured to one of said cams for rotating the other of said cams, whereby said cams rotate simultaneously, and means for angularly adjusting said cams relatively to each other.

1,622,493. EGG-DUMPING BOARD. CHARLES C. CRAIG, San Francisco, Calif. Filed Dec. 2, 1925. Serial No. 72,826. 1 Claim. (Cl. 226—14.)



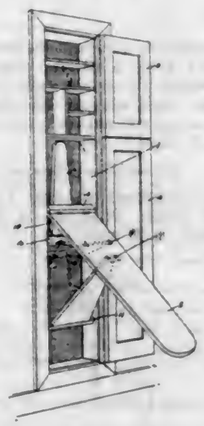
A device for handling eggs having in combination a base, uprights attached thereto, a bar held by said uprights, a board hinged to said bar by right angularly bent hinges and adapted to receive an egg tray, a tray also hinged to said bar by right angularly bent hinges and adapted to receive an egg separating member, a pad in said tray, the whole arrangement being such that the hinged portion with its contents may be inverted and the eggs thereby transferred from said egg tray into said egg separating member.

1,622,494. CONTAINER FOR TRANSPORTING HOT FOOD. LOUIE COLLIER CRANSTON, Kansas City, Mo. Filed Nov. 2, 1925. Serial No. 66,259. 2 Claims. (Cl. 126—262.)



1. In a device of the character described, a main receptacle having an open top and an integral closed bottom, a lid for said open top, said lid and the side walls only of said receptacle being lined with heat retaining substance, means within said main receptacle for maintaining a stack of food containers spaced apart from said walls, and heating meats attachable beneath the bottom of said main receptacle, said spacing means comprising an annular continuous wall supported and retained in spaced relation by attachment to the bottom of said main receptacle and having its upper end closed by said insulated lid, said spacing wall providing a dead air space adjacent said heat retaining lining.

1,622,495. IRONING BOARD. EARLE W. CUMMINGS, Santa Barbara, Calif., assignor of one-half to Santa Barbara Lumber Company, Santa Barbara, Calif., a Corporation of California. Filed Jan. 9, 1926. Serial No. 80,142. 1 Claim. (Cl. 68—10.)

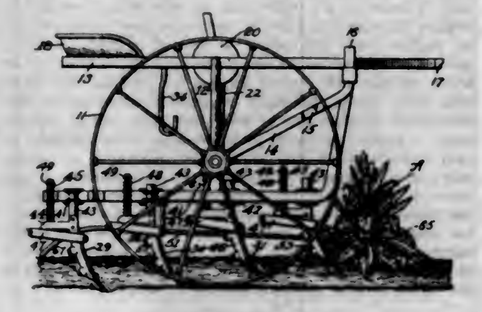


A cabinet, a board adapted to be extended horizontally therefrom, an inner and an outer brace pivoted at their forward ends to the underside of the board and at their rear ends to the cabinet, said inner brace extending approximately parallel to the board when in horizontal position and forming a stop to prevent downward movement of the inner end of the board when in said last named position, said board being wholly supported by said braces and adapted to be swung thereon from its horizontal position to a vertical, inoperative position, within the cabinet with its inner end uppermost and means to lock said board against said inner brace to hold the board in a horizontal position.

1,622,496. CELLULOSE-FIBER PRODUCT TREATED WITH A SIZE EMBODYING SOY-BEAN FLOUR AND PROCESS OF MAKING THE SAME. GLENN DAVIDSON, HUGH F. RIPPEY, CHARLES N. CONE, IRVING F. LAUCKS, and HARRY P. BANKS, Seattle, Wash., assignors to I. F. Laucks Inc., Seattle, Wash., a Corporation of Washington. Filed May 3, 1926. Serial No. 106,543. 5 Claims. (Cl. 92—21.)

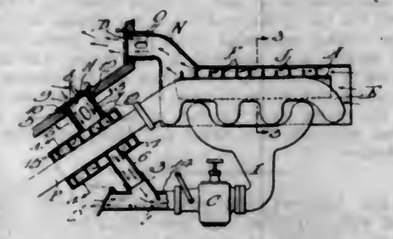
1. A cellulose fiber product treated with a size embodying soy bean flour.

1,622,497. LEAF-LIFTING DEVICE FOR RIDING CULTIVATORS. ALBERT C. DIBBLE, Southwick, Mass. Filed Jan. 17, 1922. Serial No. 529,904. 3 Claims. (Cl. 97—192.)



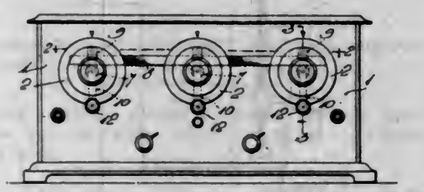
1. In a cultivator comprising gang frames, a plurality of shovels yieldingly secured to the said gang frames, a plant lifter comprising rods conuected to the front shovels and the frames for lifting the leaves of the plants out of the path of the dirt thrown up by the said shovels, and means for allowing the leaf-lifting rods to move in conformity with the front shovels for the purpose specified.

1,622,498. VEHICLE INCLOSURE HEATING AND VENTILATING MEANS. WILLIAM G. DUNN, Clarinda, Iowa. Filed Feb. 24, 1925. Serial No. 11,264. 5 Claims. (Cl. 123—122.)



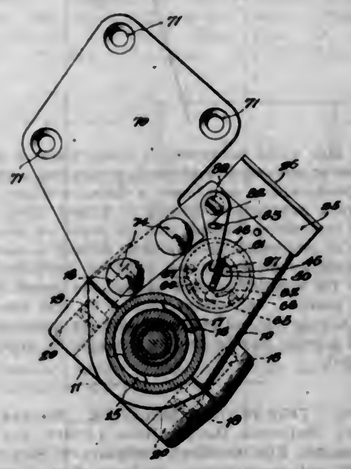
3. In a vehicle having an internal combustion motor, an occupant enclosure, a hot air inlet for said enclosure, and means for heating the air entering said inlet; a suction passage leading to the carbureter air intake of the motor and having one air inlet leading from the interior of the aforesaid enclosure to withdraw air therefrom and induce hot air to enter said enclosure through said hot air inlet for the purpose of heating the enclosure, said suction passage also having another air inlet leading from the air at the exterior of said enclosure, and damper means for said inlets of said passage under a common control and operative to totally or partially close one of said inlets and simultaneously effect total or partial opening of the other inlet, whereby at one operation, both the heating of the occupant enclosure and the temperature of the air entering the carbureter, may be regulated according to the temperature outside of said enclosure.

1,622,499. CONTROLLING MEANS FOR RADIO SETS. WILLIAM G. DUNN, Clarinda, Iowa. Filed Apr. 2, 1925. Serial No. 20,254. 8 Claims. (Cl. 74—7.)



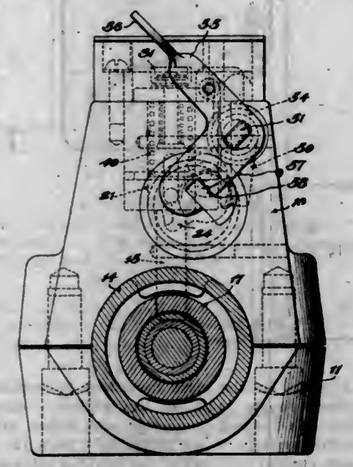
1. An adjusting means for a plurality of instrument shafts, said means comprising two members for each instrument, one rotatable with respect to the shaft and the other secured to the shaft, means for simultaneously rotating the rotatable members, and a driving connection from the rotatable member of any instrument to the shaft-carried member of such instrument, said driving connection having finger-operated means for simultaneously holding the rotatable member against turning and effecting an adjustment of the shaft-carried member.

1,622,500. LOCK. CHARLES N. FAIRCHILD, Milford, Conn., and FOSTER J. HULL, Hagerstown, Md., assignors to Fairchild Lock Corporation, New York, N. Y., a Corporation of Delaware. Filed Feb. 14, 1925. Serial No. 9,325. 12 Claims. (Cl. 70—127.)



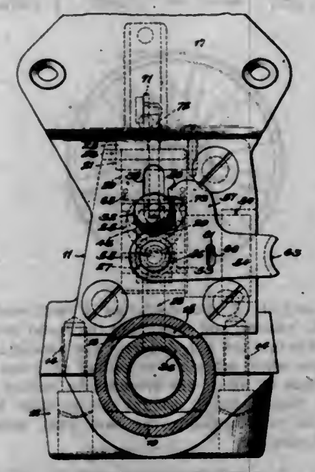
1. In combination, a bolt, means for advancing said bolt, a key operated lock mechanism for retracting said bolt, and means for preventing said bolt advancing means from operating until said key is removed from said lock.

1,622,501. TRIGGER CONTROL. CHARLES N. FAIRCHILD, Milford, Conn., assignor to Fairchild Lock Corporation, New York, N. Y., a Corporation of Delaware. Filed May 1, 1925. Serial No. 27,266. 9 Claims. (Cl. 70—127.)



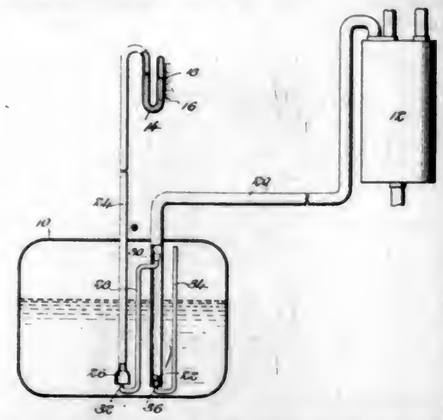
1. In combination a spring pressed bolt, key operated means for retracting same, manually operated release mechanism for shooting said bolt to locked position, and means for preventing the operation of the release when the key is in the lock.

1,622,502. MANUALLY-CONTROLLED LOCK. CHARLES N. FAIRCHILD, Milford, Conn., assignor to Fairchild Lock Corporation, New York, N. Y., a Corporation of Delaware. Filed July 27, 1925. Serial No. 46,368. 17 Claims. (Cl. 70—127.)



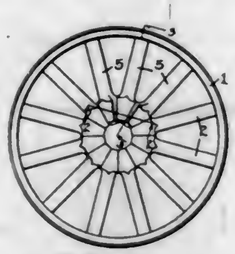
9. In a coincidental lock, an ignition switch, a plunger, a locking member confined therein, mechanism connected to said plunger for controlling said switch, a spring-pressed bolt locking the plunger at each end of its travel, means for withdrawing said bolt, and means for moving said plunger.

1,622,503. LIQUID-LEVEL GAUGE. JAMES FENTRESS, Chicago, Ill. Filed Apr. 6, 1925. Serial No. 21,102. 3 Claims. (Cl. 73—54.)



1. In a device of the class described, in combination with a liquid supply tank, an intermittently operating suction device, a conduit connecting said device with the tank whereby liquid is drawn periodically from the latter through said conduit and part of the liquid is allowed periodically to flow back to said tank; a gauge, a conduit connecting the gauge with the tank and terminating within the latter at the minimum depth to be gauged, means for supplying air to the liquid as it is drawn into the first mentioned conduit, and a tube having one end disposed in the first mentioned conduit and opening to receive back flow of liquid in said conduit, said tube having an outlet positioned to discharge entrained air passing through the tube during back flow of liquid into said second mentioned conduit.

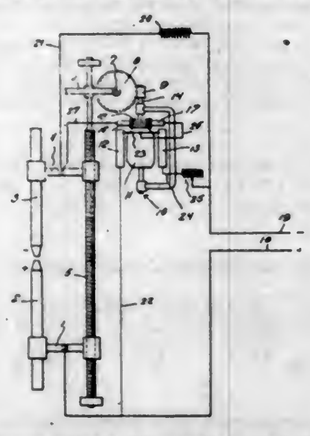
1,622,504. METHOD OF MANUFACTURING SEMI-WOOD WHEELS. HENRY FLICK, Jackson, Mich., assignor to Hayes Wheel Company, Jackson, Mich. Filed Dec. 17, 1921. Serial No. 523,029. 2 Claims. (Cl. 157—1.)



1. The method of manufacturing a semiwood wheel consisting in heating and expanding the metal felly, driving the spokes into the felly securely and arranging in the plane of the wheel with the exception of three spokes, the inner ends of which are arranged in arched relation with their tenons forced as far as possible into the mortises, and then pressing the said final spokes into position, as specified.

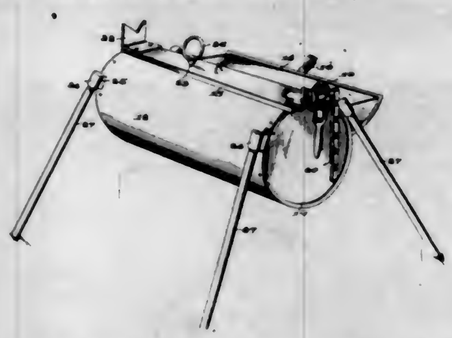
1,622,505. AUTOMATIC CONTROL FOR ARC LAMPS. CECIL M. FOX, Toledo, Ohio. Filed Aug. 6, 1925. Serial No. 48,575. 9 Claims. (Cl. 176—74.)

5. In an arc lamp, a Wheatstone bridge, electrodes adapted to form an arc in one leg of said bridge, a motor comprising an armature and two field windings, one of said field windings being in another leg of said Wheatstone bridge, the other of said field windings being in another leg of said Wheatstone bridge, the armature being connected across the meeting point of two legs of



said Wheatstone bridge and the meeting point of the other two legs of said Wheatstone bridge, and a source of power connected across the other two meeting points of said bridge legs, whereby the arc will be maintained at a constant value.

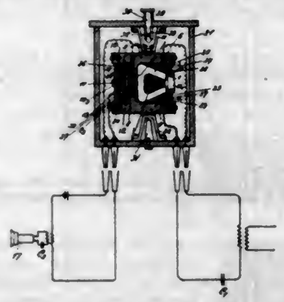
1,622,506. STEAM-FITTER'S APPLIANCE. WALTER L. GRAVES, Hatfield, Mass. Filed July 2, 1926. Serial No. 120,169. 3 Claims. (Cl. 81—41.)



1. A pipe stand comprising a bench block, a pipe vise arranged at one end of said block, a pipe rest arranged at the opposite end of said block, a casing attached beneath said block, said casing having a hinged cover portion having cooperative locking relation with an element arranged on said bench block, sockets formed on said casing at a plurality of points, leg members insertible in said sockets for supporting said casing and bench block in service position, and means carried by said bench block for anchoring one end of one of said leg members whereby said member may be used as a handle for transporting the stand.

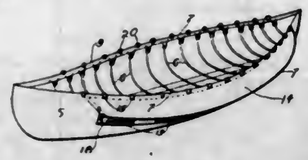
1,622,507. VIBRATION AMPLIFIER. WALTER HAHNEMANN, HEINRICH HECHT, HUGO LICHTE, and LEONID ADELMANN, Kiel, Germany, assignors to Signal Gesellschaft mit beschränkter Haftung, Kiel, Germany, a Firm. Filed Oct. 24, 1922, Serial No. 596,648, and in Germany Sept. 18, 1922. 7 Claims. (Cl. 179—171.)

4. In an apparatus of the character described a substantial, common mass including an electromagnet, an armature for said electromagnet elastically connected to said common mass and a microphone elastically connected to said common mass, whereby said armature and



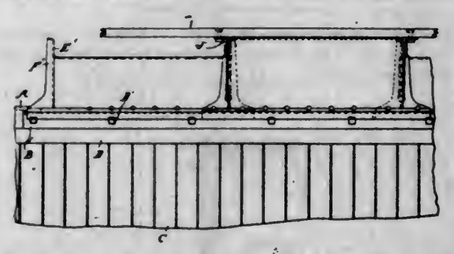
said microphone are acoustically coupled by said common mass.

1,622,508. BOAT. ERNEST H. HARPER, Oakland, Calif. Filed Sept. 10, 1925. Serial No. 55,448. 3 Claims. (Cl. 9—8.)



1. A buoyant element for a boat comprising an elongated inflatable tube, in combination with a boat; a fabric flap attached by its bottom edge to the boat substantially parallel with the gunwale of the boat and having attaching members at its top edge to engage a covering member and a covering member having cooperating attaching means near its bottom edge to secure it to said flap and having hooks at its top edge to secure it to the gunwale of the boat.

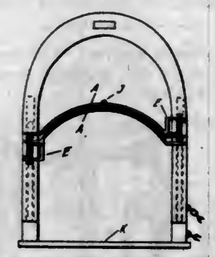
1,622,509. CAR ROOF. DAVID W. HAWKSWORTH, Detroit, Mich., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich., a Corporation of Delaware. Filed Mar. 13, 1922. Serial No. 543,282. 12 Claims. (Cl. 108—5.4.)



1. A car roof comprising alternate roofing sheets having their bodies arranged in spaced planes, and overlapping angular flanges projecting from said sheets rigidly secured to each other.

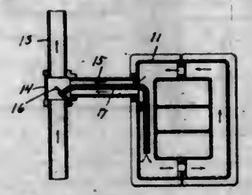
1,622,510. SAFETY DEVICE FOR SADDLE STIRRUPS. MATHEW HENDRIKS, Ogema, Saskatchewan, Canada. Filed Jan. 22, 1926, Serial No. 85,073, and in Canada Apr. 29, 1925. 1 Claim. (Cl. 54—49.)

A safety stirrup comprising a yoke having tubular sides, a foot bar having upwardly projecting posts adapted to telescope in said sides, a pair of parallel bars, one end of each of which is pivoted to an opposite side of the yoke, means for causing the free ends of the bars to retain the posts in operative position, and



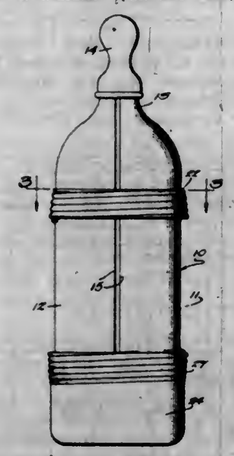
means on one of the said bars for causing both to move simultaneously to free said posts when pressure is applied to said first mentioned bar.

1,622,511. COOLING APPARATUS. NICOLAI H. HILLER, Carbondale, Pa. Filed Jan. 19, 1926. Serial No. 82,199. 7 Claims. (Cl. 257—21.)



3. In combination a header, a brine cell, a single pipe connecting said header and brine cell, a baffle within said header and provided with an aperture therethrough, and a second pipe within said first mentioned pipe and having one end extending through and supported by said baffle, and the opposite end disposed within said brine cell.

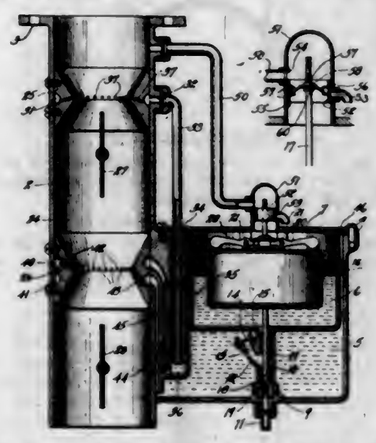
1,622,512. NURSING BOTTLE. ANNA MAUDE HOLLADAY, New York, N. Y. Filed Dec. 18, 1925. Serial No. 76,299. 3 Claims. (Cl. 215—11.)



1. A bottle divided longitudinally to form a pair of complementary sections, a gasket arranged between the edges of said sections and extending throughout the length thereof, said bottle being provided with an upper threaded portion tapered to increase in diameter toward its lower end, a clamping ring threaded internally to correspond to the upper threaded portion of the bottle and adapted to be threaded thereon, said bottle

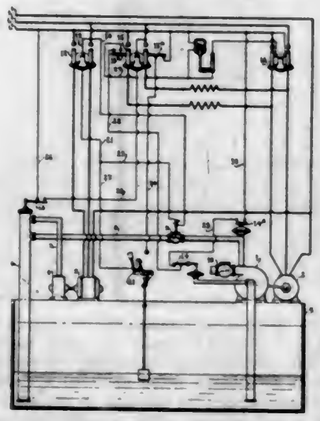
being further provided with a lower threaded portion tapered to decrease in diameter toward its lower end, and a second clamping ring threaded to correspond to and adapted to engage the lower threaded portion of the bottle.

1,622,513. CARBURETOR. STANLEY B. HOLMES, Seattle, Wash. Filed Apr. 9, 1923. Serial No. 630,785. 2 Claims. (Cl. 158—36.2.)



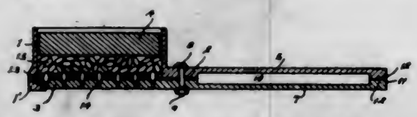
1. In a carburetor, in combination with a suction manifold, a float chamber, a fuel storage chamber adapted to be filled through a back check valve connection with the float chamber and having connection with a source of fuel supply, a valve in said fuel supply connection, a float for controlling said valve, a cylindrical dome opening into the top of the float chamber and having an opening in the side thereof to outside atmosphere, a suction conduit from the suction manifold opening into one side of the dome in offset relation above the opening to atmosphere, a sleeve slidably fitted in the dome and operable by the float between positions to cover either the opening to atmosphere or the opening to the suction manifold.

1,622,514. CONTROLLER FOR POWER-DRIVEN PUMPS. BAYARD M. HORTER, Kingston, Pa., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 15, 1922. Serial No. 607,086. 29 Claims. (Cl. 103—26.)



1. In a controller for hydraulic pumps, the combination with driving and control means and independently driven priming means for the pump, of control means for said priming means providing for starting thereof prior to starting of said pump and for stopping of said priming means but only upon given operation of said pump control means.

1,622,515. GRAIN TESTER. MARK ISAACS, Minneapolis, Minn. Filed May 18, 1925. Serial No. 31,225. 1 Claim. (Cl. 83—6.)



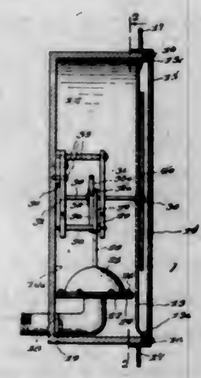
In a grain tester, a cup for receiving the sample to be tested having a perforated bottom and provided with an extending handle, a holder normally located beneath the cup and having pockets therein opposing the perforations, said holder being provided with an extending handle, a cutting knife interposed between the cup and the holder, said cutting knife being provided with an extending handle, a pin pivotally connecting the handles together, a weighted disc loosely inserted within the cup and a retaining finger carried by the cup at the side remote from the pin and receiving the adjacent edge of the closed holder.

1,622,516. ADJUSTABLE ECCENTRIC CHAIR FOR BRAKE BEAMS. WILLIAM JANUS, St. Louis County, Mo., assignor to Chicago Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed May 19, 1925. Serial No. 31,386. 17 Claims. (Cl. 188—213.)



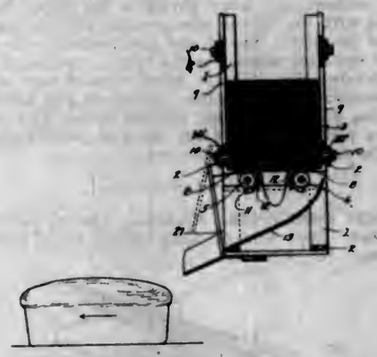
1. An eccentric support chair adapted to be mounted on a brake beam part, and adjustable eccentrically to vary in a vertical plane the points of engagement of said eccentric member with the parts with which it is associated.

1,622,517. PRESSURE GAUGE. JOHN H. JOHNSON, Chicago, Ill. Filed Oct. 8, 1923. Serial No. 667,330. 3 Claims. (Cl. 73—110.)



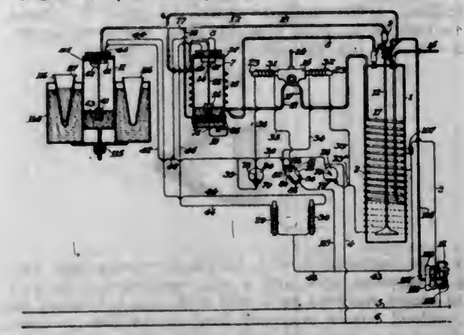
1. A pressure-responsive device comprising a rigid dome, a limp-material disk under the dome and hermetically attached to the rim thereof, and a fixedly supported air conduit leading into the dome by way of the center of the disk and supporting the disk and dome, said dome responding of its weight to a reduction of the pressure, and the said disk yielding to the fall of the dome.

1,622,518. CARD OR PAMPHLET HOLDING DEVICE. OLAF W. JOHNSON, Seattle, Wash., assignor, by direct and mesne assignments, to Bakeries Service Corporation, Chicago, Ill., a Corporation. Filed Aug. 5, 1925. Serial No. 48,235. 3 Claims. (Cl. 271—23.)



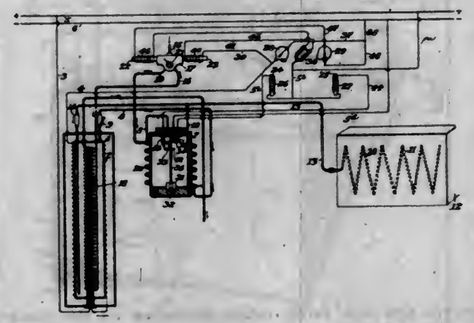
1. A device of the character described, comprising a frame structure provided at its lower end with a delivery chute, a pair of feed shafts extended in parallel relation and in the same horizontal plane through said frame, friction feed rollers on said shafts, a pair of vertically adjustable bars within the frame at opposite sides and having inturned ends adapted to support a stack of pamphlets from their opposite edges just above the shafts, and means for rotating the shafts at the same rate and in opposite directions to cause the feed rollers to engage with the bottom of the stack to feed the pamphlets therefrom downwardly between the shafts into the chute.

1,622,519. APPARATUS FOR PRODUCING REFRIGERATION. FREDERICK G. KEYES, Cambridge, Mass., assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass., a Corporation of Massachusetts. Filed Feb. 19, 1920. Serial No. 359,882. 9 Claims. (Cl. 62—5.)



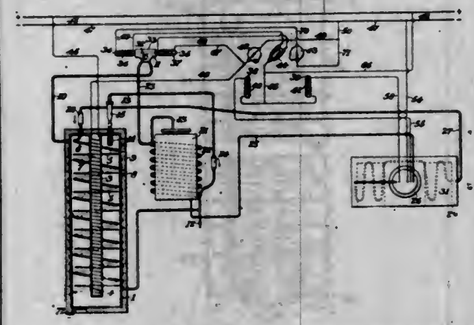
1. In a refrigerating apparatus, the combination of a distilling chamber, a condensing chamber, and a refrigerating chamber, of a cooling device for the still and the condensing chamber, of electrical means for starting the still into operation and simultaneously applying a cooling medium to the condensing chamber, means for shutting off the still and transferring the cooling medium thereto when sufficient refrigerant has been collected in the condensing chamber, and automatic means for cutting out the electrical means after each period of operation.

1,622,520. REFRIGERATING MACHINE. FREDERICK G. KEYES, Cambridge, Mass., assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass., a Corporation of Massachusetts. Filed May 11, 1920. Serial No. 380,540. 9 Claims. (Cl. 62—5.)



1. In a refrigerating apparatus, the combination with distilling and refrigerating chambers, of an intermediate condenser and condensing chamber, and electric means actuated by a variation of the level of liquid refrigerant in said condenser for controlling the cyclic operation of said apparatus.

1,622,521. REFRIGERATION. FREDERICK G. KEYES, Cambridge, Mass., assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass., a Corporation of Massachusetts. Filed June 8, 1921. Serial No. 475,855. 5 Claims. (Cl. 62—5.)

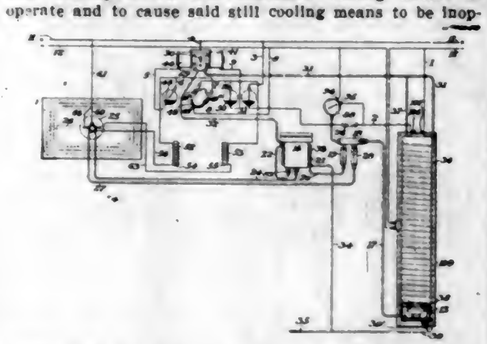


1. In a refrigerating apparatus, the combination of a distilling chamber, a condensing chamber connected to said distilling chamber, a refrigerating chamber, a capillary tube connecting said condensing chamber to said refrigerating chamber, a one way fluid connection from said refrigerating chamber to said distilling chamber, and means in said refrigerating chamber for controlling the operation of the apparatus.

1,622,522. REFRIGERATION. FREDERICK G. KEYES, Cambridge, Mass., assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 6, 1923. Serial No. 673,105. 4 Claims. (Cl. 62—5.)

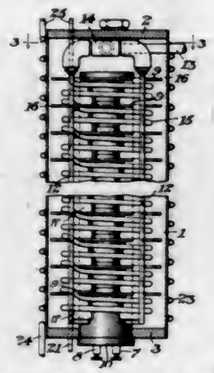
1. In refrigerating apparatus, in combination, a refrigerator chamber, a condenser, a still, pipe connection from said still to said condenser with a check valve therein permitting flow from said still to said condenser, pipe connection from said condenser to said refrigeration chamber, pipe connection from said refrigeration chamber to said still with a check valve therein permitting flow from said refrigeration chamber to said still, a refrigerant therein, heating means for said still, cooling means for

said still, cooling means for said condenser, means for controlling said beforementioned means for causing the still heating means and condenser cooling means to operate and to cause said still cooling means to be inop-



erative and vice versa, means controlled by the liquid level in said refrigerating chamber for controlling said first mentioned controlling means, and means in said condenser for repeatedly passing liquid to the refrigerating chamber during the distilling period.

1,622,523. GAS AND LIQUIDS STORING DEVICE. FREDERICK G. KEYES, Cambridge, Mass., assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass., a Corporation of Massachusetts. Filed Dec. 4, 1923. Serial No. 678,537. 11 Claims. (Cl. 62—118.)



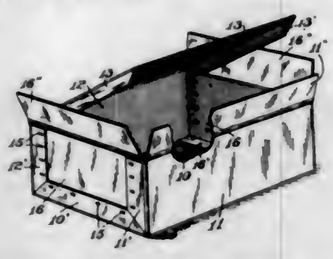
1. In a still, in combination, a closed outer casing, an inner casing sealed into the wall of said outer casing, an electric heating coil removably mounted in said inner casing, vane plates mounted in said outer casing, a coil of pipe mounted in said outer casing whose windings pass around said inner casing and between said vanes, said coiled pipe being sealed at either end through the wall of said outer casing, and a vapor delivery pipe sealed through the wall of the outer casing and connected to distributing pipes extending the length of the still and being perforated with a large number of small holes.

1,622,524. DRAFTING DEVICE. VÁCLAV KVASNIČKA, Prague, Czechoslovakia. Filed May 29, 1922. Serial No. 564,463. 1 Claim. (Cl. 33—76.)



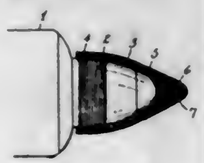
A device for drawing parallel lines on a drafting board, comprising a T-square having a head member and a longitudinal drawing blade, said head member having the upper face thereof disposed at an angle to the plane of the base thereof, an end portion on said blade extending over the upper face of said head or cross-member for rigid connection thereto and being disposed at an angle to the integral laterally extending drawing portion thereof, a guide rail for said head member comprising a body having an inclined upper surface extending longitudinally of said body and from one side to substantially the longitudinal center line thereof, a ledge integral with said inclined body portion extending longitudinally of said body below the elevated edge of the inclined upper surface, said ledge having a flat upper surface parallel with the bottom face of said body for the support of the under side of said head member, the inner face of said head member having sliding engagement with said elevated edge, and the upper inclined face of said head member and said inclined surface of said guide rail occupying a common plane, and the bottom face of the drawing portion of said blade being in plane alignment with the bottom of said guide rail.

1,622,525. CONTAINER. ROBERT L. LEMON, Indianapolis, Ind. Filed July 14, 1922. Serial No. 574,897. 7 Claims. (Cl. 229—23.)



1. A shipping case made of fibre board or similar material, comprising a main body blank forming side and bottom walls and a cover wing, end blanks provided with top flaps folded at right angles to present reinforcing corners, said flaps being secured to the outside of the cover wing to complete the case, and flaps forming part of said cover wing and positioned parallel and adjacent to said end blanks to form corners of double thickness.

1,622,526. DISPENSING TUBE. SAMUEL J. LEWIS, Detroit, Mich. Filed Sept. 17, 1925. Serial No. 56,885. 3 Claims. (Cl. 221—60.)

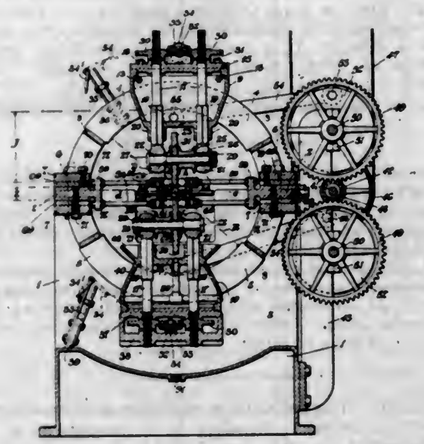


1. The combination of a flexible dispensing tube having a threaded neck and a cap comprising a base of hard rubber threaded upon said neck, and a flattened tip of resilient rubber integrally fixed to the base and terminating in a relatively thick wall having a longitudinal slit-like orifice therein normally closed by the resiliency of the material.

1,622,527. GRINDING MACHINE. ELOY F. MAAS, Long Branch, N. J. Filed Apr. 14, 1922. Serial No. 552,552. 27 Claims. (Cl. 51—88.)

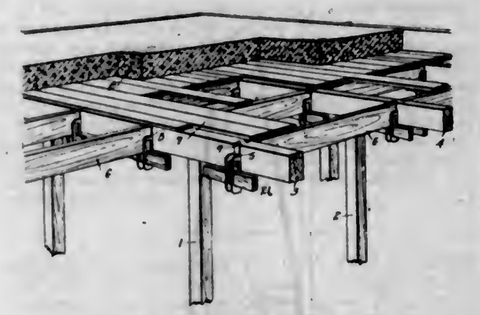
7. A machine for grinding rollers, comprising in combination, two rotating elements, at least one of which is a grinding element, means for supporting said elements

with their axes in a common plane, means for rotating said elements in opposite directions at the grinding point at substantially the same peripheral speed, means for automatically introducing rollers in succession into the space between the peripheral surfaces of said rotating



elements in a direction transverse to said common plane and with the axes of the rollers parallel to said plane, and means for guiding the rollers during their passage between said peripheral surfaces by engagement with the side faces of the rollers.

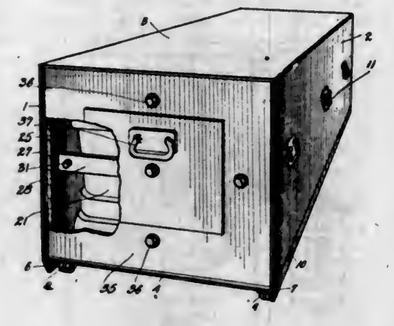
1,622,528. BRACKET FOR CONCRETE-FLOOR FORMS. EDWARD C. MARQUA, Kansas City, Mo. Filed Jan. 20, 1926. Serial No. 82,457. 5 Claims. (Cl. 25—131.5.)



1. A bracket for concrete floor forms comprising a hanger adapted for attachment to a major form element, a seat member adapted for removable support from the hanger and comprising a base and spaced parallel flanges, the flanges having registering openings, and a wedge adjustably seated on said member within the flange openings, to support a minor form element between the flanges.

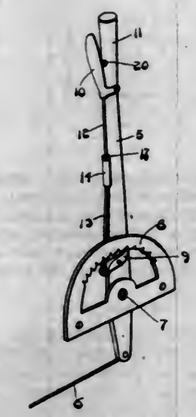
1,622,529. METALLIC COFFIN CASE. BENJAMIN G. MCMILLER, Kansas City, Mo. Filed Feb. 16, 1925. Serial No. 9,653. 4 Claims. (Cl. 27—35.)

1. A coffin case comprising an oblong metallic hollow memoer open at one end, a bead projecting inwardly from the sides, top and bottom of the case near the end, a locking spider comprising a pair of bars, the ends of which may abut against the inner face of the bead, means pivotally connecting said bars together, an end



closing member co-extensive with the cross section of the case to bear against the bead and means on said bars for fastening the closing member to the spider.

1,622,530. BRAKE-LEVER-RELEASING DEVICE. OTTO MILLER, Cincinnati, Ohio. Filed Feb. 19, 1926. Serial No. 89,491. 3 Claims. (Cl. 74—39.)

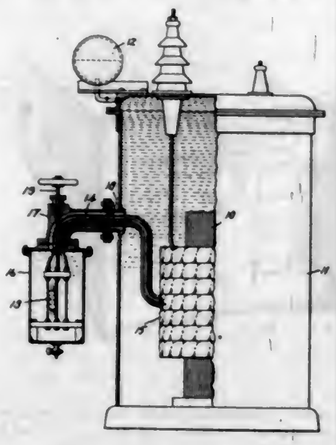


1. A releasing device for brake levers, consisting in combination with a handled brake lever, a ratchet, and a pawl on the lever for operation on the ratchet, of a pawl operating means on the handle, and a yielding link operatively connecting the means and the pawl.

1,622,531. ELECTRICAL APPARATUS. WALTER S. MOODY, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Nov. 4, 1925. Serial No. 66,839. 2 Claims. (Cl. 171—119.)

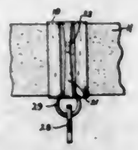
1. The combination with electrical apparatus having a winding, of a tap switch, a casing enclosing said apparatus, a separate casing enclosing said tap switch, said two casings containing insulating oil in which said apparatus and tap switch are immersed, there being a passageway between said two casings, said passageway

entering the side of said apparatus casing near said apparatus, tap leads extending through said passageway from said tap switch to the winding of said apparatus,



said passageway containing insulating oil surrounding said tap leads, and a seal to prevent interchange of oil between said two casings through said passageway.

1,622,532. QUICK-RELEASING KEY HOLDER. FRANK W. MORSE, San Fernando, Calif. Filed Jan. 11, 1926. Serial No. 80,487. 3 Claims. (Cl. 24—3.)



1. A key holder made from a single blank bent to form a hollow body portion including a front, a back, a top and a bottom, said front, back, top and bottom having parallel side edges, a pair of tongues arranged on said front, said tongues being narrower than said front and having parts thereof spaced from the front, said tongues being overlapped.

1,622,533. PROCESS OF PREPARING INTERIORLY-COATED CONTAINERS. JOHN H. MURCH, Portland, Oreg., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Feb. 11, 1924. Serial No. 692,198. 5 Claims. (Cl. 113—116.)



1. The method of preparing internally lacquered sanitary cans which consists in lacquering the body sheet metal while flat, hard-baking said lacquer, forming the said sheet metal into can bodies with soldered side seams, lacquering the sheet metal of the can ends and baking the lacquer thereon and then forming the same into can ends, then applying a second coat of lacquer on said ends and hard-baking the same and then seaming said ends to said can bodies.

1,622,534. ORGANIC SELENIUM COMPOUND AND METHOD OF MAKING THE SAME. PAUL I. MURRILL, Plainfield, N. J., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y., a Corporation of New York. Filed Sept. 30, 1925. Serial No. 59,571. 9 Claims. (Cl. 260—11.)

4. As a new product, selenium diethyl dithiocarbamate.

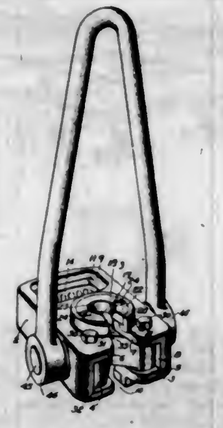
1,622,535. VULCANIZATION PROCESS AND PRODUCT. PAUL I. MURRILL, Plainfield, N. J., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y., a Corporation of New York. Filed Sept. 30, 1925. Serial No. 59,573. 15 Claims. (Cl. 18—53.)

6. The method of vulcanizing rubber which comprises subjecting the rubber to vulcanization with the addition thereto of an organic selenium compound containing the following group: —CSS— as the vulcanizing agent without the addition of sulfur.

1,622,536. VULCANIZATION PROCESS AND PRODUCT. PAUL I. MURRILL, Plainfield, N. J., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y., a Corporation of New York. Original application filed Sept. 30, 1925. Serial No. 59,573. Divided and this application filed Aug. 28, 1926. Serial No. 132,324. 10 Claims. (Cl. 18—53.)

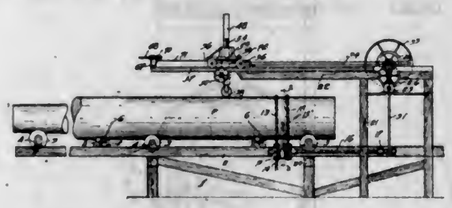
1. The method of vulcanizing rubber which comprises subjecting the rubber to vulcanization with the addition thereto of an organic selenium compound containing the following group: —CSS— as an accelerator together with sulfur.

1,622,537. SUCKER-ROD ELEVATOR. ALBERT H. NEILSON, Tulsa, Okla. Filed Feb. 12, 1926. Serial No. 87,802. 6 Claims. (Cl. 294—91.)



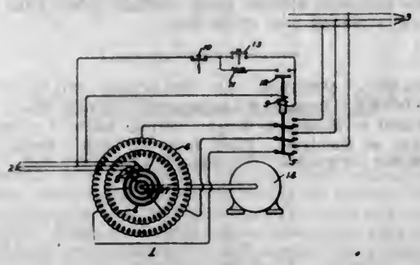
1. A clamp of the character described, comprising a body member having a throat and relatively large seat communicating with the throat, latch jaws pivoted on the body member forwardly of said seat, a handle slidable on the body member, toggle links connecting the latch jaws and handle member, and a spring urging the handle member and the links to locate the latch jaws in locking position in the throat, the spring being retractable by the handle to shift the latch jaws and free the throat.

1,622,538. PUNCTURING MACHINE. CHARLES S. NELSON, Sandpoint, Idaho, assignor of one-half to Malvern L. Bruce, Sandpoint, Idaho. Filed Nov. 23, 1925. Serial No. 70,969. 8 Claims. (Cl. 144—2.)



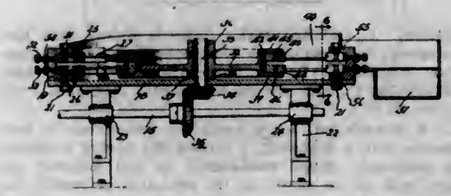
1. In a pole puncturing machine the combination with a supporting cradle, of pairs of spaced longitudinally disposed elevating rollers and means for oppositely reciprocating said rollers, means for partially turning the elevated pole when supported on said rollers, and means for restraining the pole against lateral displacement.

1,622,539. PROTECTIVE SYSTEM. FRANK H. PENNEY, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 2, 1925. Serial No. 12,616. 5 Claims. (Cl. 175—294.)



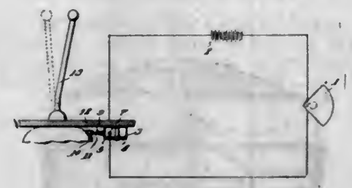
1. The combination of an electric machine comprising a winding through which current is transmitted at a voltage and frequency which change in the same proportion, means comprising an operating coil for controlling the energization of said machine, and a resistor arranged to be connected to said winding in series with said coil whereby operation of said control means is produced when the voltage and frequency of said current are below a value predetermined by the relation existing between the resistance of said resistor and the impedance of said coil.

1,622,540. MACHINE FOR CURLING THE FLANGES OF CAN ENDS. JOHN F. PETERS, Rochester, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 1, 1922. Serial No. 585,627. 10 Claims. (Cl. 153—54.)



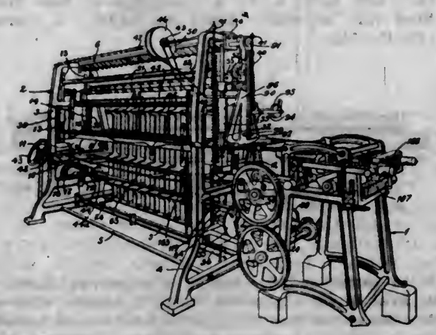
1. A can end flange curling machine, comprising a plurality of sets of grooved curling steels arranged in superposed relationship, means for moving the can ends successively through the grooves of said steels, and means for adjusting said steels individually to vary the extent of flange curling action by each thereof.

1,622,541. SWITCH. ODIS RALEY and GRAHAM APPERSON, Paragould, Ark. Filed Apr. 8, 1922. Serial No. 550,652. 1 Claim. (Cl. 200—59.)



A switch of the character described comprising a cylinder, a pair of converging contacts fixed at their remote ends in the cylinder and being insulated therefrom, a cap for one end of said cylinder, a relatively long rod passing through said cap and having one end terminating in said cylinder, a piston secured to the last mentioned end of said rod and including a pair of washers of insulating material, a disk of conducting material arranged in a recess formed in one of said washers and held therein by the other of said washers, said disk being adapted to bridge the adjacent end portions of converging spring contacts for a wiping engagement therewith, a spring surrounding the rod for normally holding the disk out of engagement with converging contacts, and the outer end of said rod being adapted to lie in the path of a movable part of an automobile transmission in a manner whereby said part is adapted to move said rod against the tension of said spring to provide the wiping engagement of the disk with the contacts.

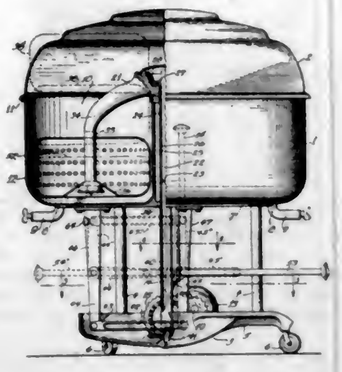
1,622,542. METHOD OF WEAVING NARROW-WIDTH WARE AND MACHINE FOR CARRYING OUT SUCH METHOD. BARTHOLOMEW RENSHAW, Glenbrook, Conn. Filed Apr. 29, 1926. Serial No. 105,355. 35 Claims. (Cl. 139—18.)



1. The combination with a weaving machine having a main frame, of a secondary frame, guide members on the main frame upon which said secondary frame is adapted to move, weaving needles mounted on said secondary frame, warp guide strips operably mounted in said main frame, woof packing devices slidably mounted on said

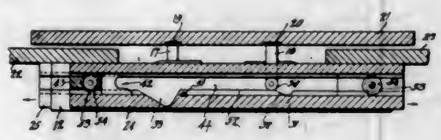
secondary frame, means to move the warp guide strips to form successive sheds, means to cause the packing devices to hold the woof after having crossed the warp and until after the warp has been caused to cross the woof, and means for actuating the secondary frame to cause the woof packing devices to pack the woof in place.

1,622,543. WASHING MACHINE. GEORGE WESLIN RYNDERS, Carpentersville, Ill. Filed Mar. 2, 1925. Serial No. 12,666. 5 Claims. (Cl. 68—18.)



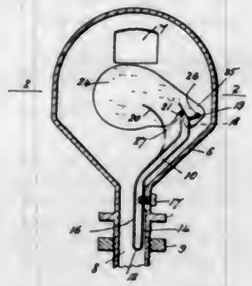
1. In a washing machine, a carrying member, a sleeve for supporting said carrying member, means for raising and lowering said sleeve so as to raise and lower said carrying member, and manually controlled means for disconnecting said first named means from said sleeve and for raising said carrying member, containers carried by said carrying member and raised above the level of the washing fluid when said manually controlled means is actuated, and means for rotating said containers at a high speed when said containers are in their raised position.

1,622,544. EXTENSION TABLE. WALTER P SAUER, Forest Hills, N. Y., assignors to Theodor Sauer Co. Inc., New York, N. Y., a Corporation of New York. Filed Jan. 20, 1926. Serial No. 82,431. 4 Claims. (Cl. 45—113.)



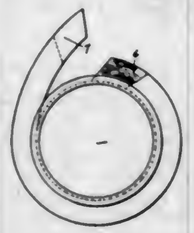
3. An extensible table having a supporting frame, a slide fixed to the supporting frame, a movable slide on either side of the fixed slide, leaves fixed to said movable slides, a table top overlying said leaves, a ledge on each of the movable slides having a recess therein, a plurality of rods fixed to the table top, a roller on each of the rods adapted to cooperate with the said recess in each of the ledges to permit the table top to be lowered into the same plane with the leaves when they are fully extended, and a member mounted within the said slides adapted to maintain the table top in raised position while the leaves are being retracted.

1,622,545. THERMOSTATIC SIGNAL. CHARLES G. SCHELLENBERGER, Battle Creek, Mich.; The Old National Bank of Battle Creek, Battle Creek, Mich., administrator of said Schellenberger, deceased. Filed Aug. 21, 1925, Serial No. 51,710. Renewed Feb. 10, 1927. 5 Claims. (Cl. 116—114.)



5. A thermostatic signal as set forth in claim 1, the said semaphore plate being pear-shaped in form and having its smaller end pivoted to the arm and provided on its lower edge with a notch which normally receives the end of the actuating part of the arm.

1,622,546. METHOD OF SPLICING SOLID-TIRE STOCKS. GEORGE W. SEIBERLING, Detroit, Mich., assignor to Morgan & Wright, Detroit, Mich., a Corporation of Michigan. Filed June 11, 1925. Serial No. 36,336. 7 Claims. (Cl. 154—12.)

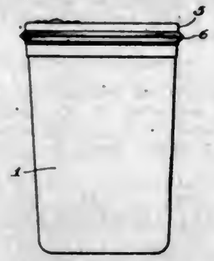


1. The method of preparing stock for the making of solid tires which consist in tubing the stock in a continuous strip and severing the strip at predetermined longitudinal intervals by cuts directed to form a combined transverse and longitudinal bevel on the cut edges of the severed sections.

1,622,547. CLOSURE SEAL. JOHN E. SHARP, New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 1, 1925. Serial No. 59,815. 4 Claims. (Cl. 215—95.)

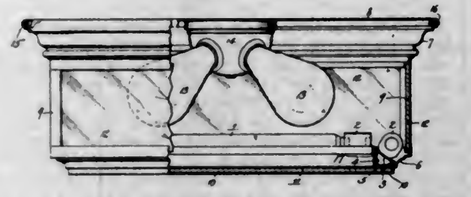
1. A closure seal for a container comprising in combination with a container, a closure cap having a depending peripheral flange conforming to and adjacent the outer wall of the mouth of the container, a readily disruptible continuous ring engaging the outer portion of the top of said cap and having a skirt depending below the lower edge of said cap flange, said skirt being provided with a gasket-retaining groove, and a sealing gasket

arranged in said groove between said flange and skirt and overlapping the lower edge of the flange, said skirt pressing said gasket inwardly upon the outer surface of



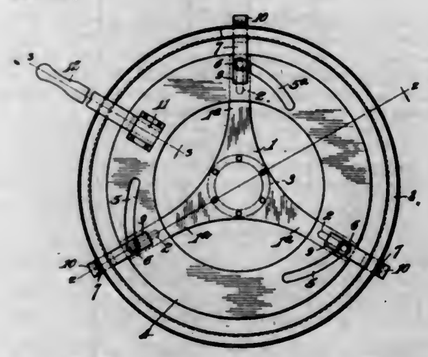
said flange and upon the outer wall of the container below the flange to seal the container and attach the closure to it.

1,622,548. LIGHTING FIXTURE. WILLIAM H. SPENCER, Bogota, N. J., assignor to I. P. Frink, Inc, New York, N. Y., a Corporation of New York. Filed Oct. 29, 1925. Serial No. 65,639. 18 Claims. (Cl. 240—78.)



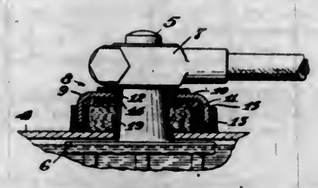
1. In a lighting fixture, the combination with a housing provided with adjacently-disposed light-transmitting panels and a frame member supporting the adjacent edges of said panels, of a light source mounted upon said frame member, means for cutting off the direct light rays from said light source to one of said panels, and a reflector cooperatively arranged with respect to said light source and the last-mentioned panel.

1,622,549. TIRE-RIM EXPANDING AND COLLAPSING DEVICE. WILLIAM E. SPRINGFIELD, Martins Ferry, Ohio, and BAILIE W. FRAZIER, Wheeling, W. Va., assignors of one-third to J. W. Schultze, Wheeling, W. Va. Filed Feb. 1, 1926. Serial No. 85,131. 1 Claim. (Cl. 157—1.)



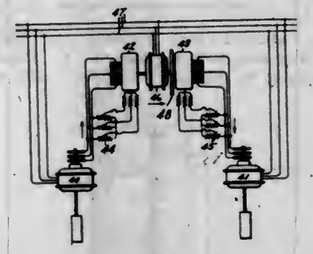
A tire-rim contracting and expanding device comprising a fixed member having therein radial slots, a member adapted for rotary movements with respect to said fixed member and having therein slots inclined with respect to the axis of its rotation and crossing the slots of said fixed member, one of said inclined slots being inclined at a steeper angle than the others thereof, rim seats having attaching means directed through registering portion of the slots of said fixed and rotary members, said means being movable inwardly and outwardly along the slots of said fixed member for relatively contracting and expanding said seats, and an inwardly facing hook carried by each of said seats engageable with an outer peripheral portion of a tire rim mounted on said seats.

1,622,550. AUTOMOBILE STORAGE BATTERY. OWEN C. TOWLE, Los Angeles, Calif., assignor to Eugene M. Brown, Los Angeles, Calif. Filed Aug. 11, 1925. Serial No. 49,632. 3 Claims. (Cl. 136—168.)



1. An attachment for the binding posts of storage batteries, comprising an annulus formed with an inturned marginal flange and a downwardly extending marginal flange, a resilient washer formed with a peripheral channel receiving the inturned marginal flange, said washer being adapted to encircle a binding post, and a second resilient washer formed with a top channel to receive the downwardly extending flange and adapted to seat on the top of the battery.

1,622,551. POWER-TRANSMITTING SYSTEM. LEONID A. UMANSKY, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 26, 1925. Serial No. 33,036. 16 Claims. (Cl. 172—287.)

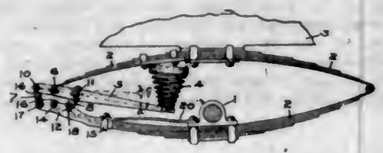


1. In combination, a plurality of induction machines of the wound secondary type, a load regulating machine for each induction machine connected to control the slip energy thereof, said load regulating machines being mechanically connected together.

2. In combination, a plurality of induction machines of the wound second type, a load regulating machine for each induction machine connected to control the slip energy thereof, said load regulating machines being mechanically connected together, and a dynamo electric machine mechanically connected to said regulating machines for supplying energy to or absorbing energy from said regulating machines.

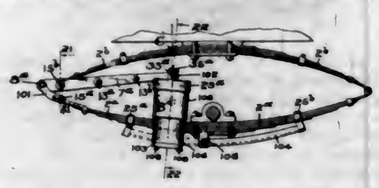
15. The method of utilizing the slip energy of a plurality of wound secondary mechanically independent induction machines which consists in operating said machines so that input slip energy is required by one machine and that out-put slip energy is delivered by another machine and transferring such slip energy from the secondary of one machine to the secondary of the other machine.

1,622,552. SPRING SUSPENSION FOR VEHICLES. FRANK L. O. WADSWORTH, Pittsburgh, Pa. Filed Feb. 16, 1920. Serial No. 358,817. 37 Claims. (Cl. 267—17.)



1. An elastic shock absorber organization for two relatively movable members which comprises a lever-actuated spring and a double fulcrum mounting for the lever arranged in such a manner that the lever and the spring are both actuated in the same direction by either compressive or rebound shocks.

1,622,553. VEHICLE SHOCK ABSORBER. FRANK L. O. WADSWORTH, Pittsburgh, Pa. Filed June 16, 1920. Serial No. 389,337. 49 Claims. (Cl. 267—17.)



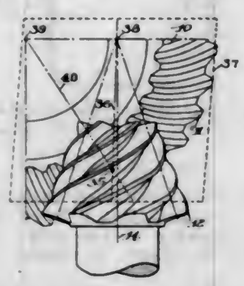
1. In a spring suspension system for two relatively movable members the combination of a lever flexibly engaged with both members, a double action spring supported on one of said members, and a dual connection between said lever and the ends of the said spring whereby the latter is subjected to increased flexure whenever the interengaged members move in either direction from the position of static equilibrium.

1,622,554. ADJUSTABLE MIRROR SUPPORT. ALEXANDER WALLACE, New Rochelle, N. Y. Filed Nov. 27, 1923. Serial No. 677,257. 1 Claim. (Cl. 45—97.)



In an adjustable mirror, the combination with a support, of a mirror frame, a mirror, horizontal trunnions supporting the mirror in the mirror frame, upper and lower centrally disposed studs secured to the support and each provided with an enlarged head having an opening therethrough, upper and lower pairs of intermediately hinged levers the forward ends of each upper and lower pair extending respectively to the top and bottom of the mirror frame, nuts pivotally connecting such forward ends of the levers to the mirror frame, and the rear ends of the upper and lower pairs of levers extending respectively above and below the enlarged ends of the studs, a vertical rod extending through the rear ends of the levers and through the openings in the enlarged ends of the studs, said rod having reduced threaded ends, and nuts threaded thereonto.

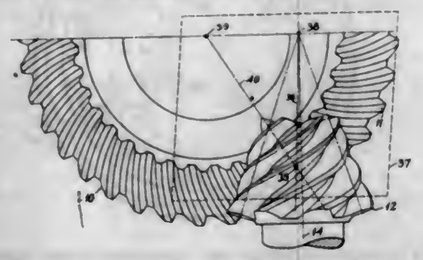
1,622,555. METHOD OF PRODUCING GEARS. ERNEST WILDHABER, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a Corporation of New York. Filed May 11, 1925. Serial No. 29,552. 16 Claims. (Cl. 90—4.)



1. The method of producing a pair of gears which consists in forming the teeth of one of said gears by moving a tool in a curved path across the face of a gear blank and in producing the teeth of the other gear by moving a gear blank and a tool representing the first gear relatively to each other to produce longitudinally curved teeth on the blank while imparting a relative movement between the tool and blank in the manner of a gear rolling with the first gear and maintaining the axis of the blank offset from the axis of said first gear.

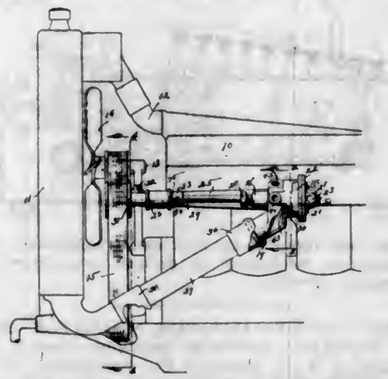
15. The method of producing a pair of hypoid gears which consists in forming the tooth surfaces of one of said gears by moving a cutting edge in a curved path across the face of a gear blank while maintaining said edge in line contact with the finished tooth surface of the gear, and producing the other gear by moving a cutting edge, representing a tooth surface of the first gear, in a curved path across the face of a gear blank while imparting a relative rolling movement between said blank and cutting edge in the manner of a gear meshing with the first gear with its axis non-intersecting and non-parallel to the axis of the first gear, and proportioning the two gears so that the tooth spaces of one of said gears will be substantially as wide along the whole tooth space as the teeth of the mating gear are thick.

1,622,556. CURVED-TOOTH GEAR. ERNEST WILDHABER, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a Corporation of New York. Original application filed May 11, 1925, Serial No. 29,552. Divided and this application filed Mar. 4, 1926. Serial No. 92,167. 24 Claims. (Cl. 74—41.)



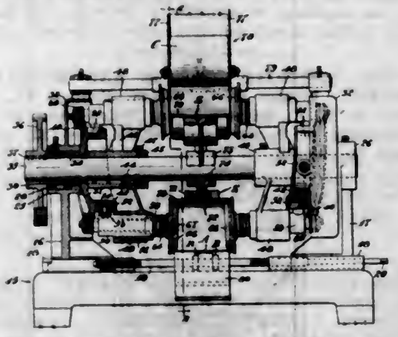
1. A pair of hypoid-gears provided with longitudinally curved teeth, one of said gears being provided with side tooth surfaces which are surfaces of revolution.

1,622,557. LIQUID-CIRCULATING APPARATUS FOR INTERNAL-COMBUSTION MOTORS. GEORGE W. WILSON, Algona, Iowa. Filed Mar. 3, 1926. Serial No. 91,969. 4 Claims. (Cl. 123—175.)



1. In combination with an internal combustion motor having a water jacket, a radiator, connections therebetween and an electric horn bracket, and a centrifugal fluid pump unit comprising a pump casing, an inlet pipe communicating with the radiator and pump casing, an outlet pipe communicating with the pump casing and water jacket, a rotor inside said casing, a means for propelling said rotor, a lug integrally formed on said casing and designed to engage one end of said horn bracket, and a stud for securing the said end of the horn bracket to the said lug.

1,622,558. MEANS FOR FORMING FLANGES ON CAN BODIES. RAY O. WILSON and ARTHUR D. SUMNER, Los Angeles, Calif. Filed May 12, 1925. Serial No. 29,701. 9 Claims. (Cl. 113—28.)



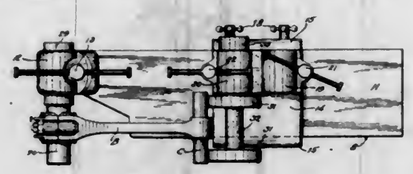
1. In a can body flanging machine, a pair of opposed flanging dies adapted to engage a can body, the axes of the flanging dies being canted with respect to the axis of the held can body, and means to rotate the flanging dies whereby the ends of the can body are flanged progressively from a starting point.

1,622,559. METALLIC JOIST. WILLIAM F. ZABRISKIE, Detroit, Mich., assignor to Gabriel Steel Company, Detroit, Mich., a Corporation of Michigan. Filed May 25, 1925. Serial No. 32,834. 5 Claims. (Cl. 189—37.)



1. A metallic floor joist comprising a top chord formed of a structural shape possessing greater strength than required for compression only and adapted to resist bending in a vertical plane, a bottom chord having its ends attached to said top chord at points sufficiently spaced from the ends thereof to provide substantial bearing supports for limited variations in span, and diagonal web members spaced in their points of attachment to said upper chord members by at least one and one-half times the total depth of the truss.

1,622,560. ALIGNING MACHINE FOR CONNECTING RODS AND WRIST PINS OF INTERNAL-COMBUSTION ENGINES. WILLIAM AAB, New Ulm, Minn. Filed Oct. 5, 1925. Serial No. 60,474. 2 Claims. (Cl. 33—180.)



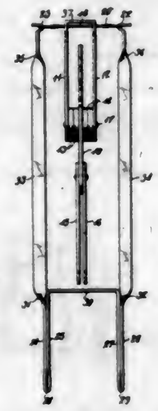
1. A machine of the kind described having a base with a work surface, a sliding head on the base, two bearings one of which is on the base and the other of which is on the head, the axes of said bearings being parallel to each other and the work surface and extend at right angles to the direction of travel of the head, an arbor for the crank hub of a connecting rod mounted in the bearing on the base, and a shaft mounted in the bearing on the head and having a pair of axially spaced discs, the peripheries of which are concentric to the axis of the shaft and afford testing surfaces for the wrist pin of said connecting rod.

1,622,561. LIQUID-DISPENSING APPARATUS. LINNAEUS E. BAKER, Fort Wayne, Ind., assignor to Wayne Company, Fort Wayne, Ind., a Corporation of Indiana. Filed Jan. 28, 1924. Serial No. 689,031. 4 Claims. (Cl. 221—80.)



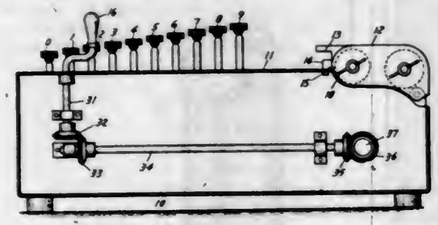
1. A measuring pump having in combination, a pump cylinder, a closed tubular housing for said cylinder, a rack, stop mechanism, a section of tubular housing for said rack and stop mechanism, driving mechanism, a substantially horizontal gear-plate to which the driving mechanism is secured seated upon the section of housing enclosing said rack and stop mechanism, and means for holding said housing sections and plate in fixed relation.

1,622,562. JUMPING JACK. IRVIN BALMER, Aledo, Ill. Filed May 24, 1926. Serial No. 111,247. 4 Claims. (Cl. 46—40.)



1. A frame for a jumping jack comprising handles of resilient strap material occupying substantially parallel planes, each handle comprising inner and outer connected members, a cross member integral at each end with one of said inner handle members, said cross member preserving a spacing of said handles and by its resilience tending to maintain the spacing thereof, side frame members comprising upward extensions of said handle members twisted into a common plane substantially opposite said cross member, and means carried by the extremities of said side members for attachment of a jumping jack.

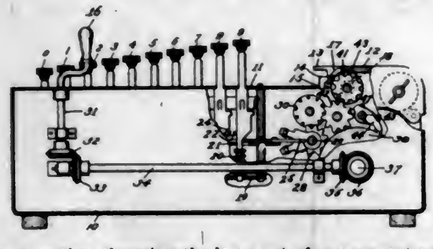
1,622,563. CARRYING-OVER MECHANISM FOR CALCULATING MACHINES. FRED W. BARKLEY, Winthrop, Mass., assignor to Alberto Barkley, Painted Post, N. Y. Filed Mar. 18, 1921. Serial No. 453,356. 9 Claims. (Cl. 235—133.)



1. In a calculating mechanism, the combination of a setting up mechanism, a selecting mechanism, and a registering mechanism, a working shaft parallel to the shaft carrying the registering dial and intermediate gears, an over-rotating mechanism mounted on the shaft, a transfer arm also mounted on the shaft, a means on the registering mechanism for operating the transfer arm in one direction, a locking means for the transfer arm on the intermediate gear shaft, a means on the transfer arm and the selecting mechanism for operating the next gear in the order of ten, and means on the transfer arm and selecting mechanism for operating the transfer arm in the opposite direction.

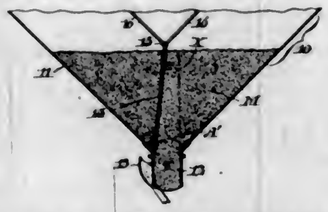
1,622,564. OVERROTATING CHECK FOR CALCULATING MACHINES. FRED W. BARKLEY, Winthrop, Mass., assignor to Alberto Barkley, Painted Post, N. Y. Original application filed Mar. 18, 1921, Serial No. 453,356. Divided and this application filed Mar. 18, 1921. Serial No. 453,357. 7 Claims. (Cl. 235—131.)

1. In a calculating machine, dial actuating mechanism therefor, a lever controlled by the actuating mechanism to prevent over-rotation in one direction, a spring controlled pawl on the lever and means for throwing the pawl in checking relation to the dial elements, and at



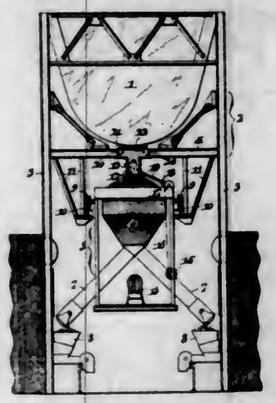
the same time throwing the lever out of engagement with the actuating mechanism to prevent over-rotation in the opposite direction.

1,622,565. FLOW-FACILITATING MEANS FOR GRAVITY HOPPERS. ROBERT H. BEAUMONT, Radnor, Pa., assignor to R. H. Beaumont Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 7, 1925. Serial No. 21,389. 2 Claims. (Cl. 221—120.)



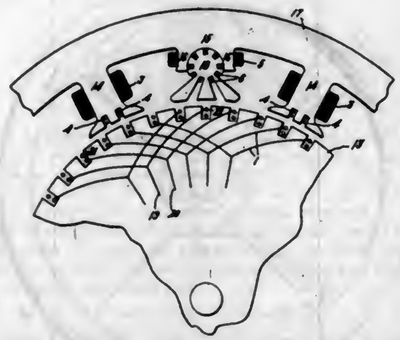
2. The combination with a sloping sided hopper having an outlet between them of an anti-bridging diaphragm suspended between the oppositely sloping hopper walls said diaphragm being free to swing toward either of them under the impulsion of material in the hopper so as to prevent arching of said material across the hopper outlet.

1,622,566. MATERIAL STORAGE AND HANDLING SYSTEM. ROBERT H. BEAUMONT, Radnor, Pa., assignor to R. H. Beaumont Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 22, 1925. Serial No. 25,012. 3 Claims. (Cl. 214—41.)



1. In material handling systems, the combination of a suspension bunker with an outlet, and a separate auxiliary outlet for directing gravity discharge from the bunker, said outlet being independently supported for security against positional displacement incidental to distortions of the bunker under varying or unevenly-distributed loads.

1,622,567. ALTERNATING-CURRENT MOTOR. SVEN R. BERGMAN, Nahant, Mass., assignor to General Electric Company, a Corporation of New York. Filed May 29, 1924. Serial No. 716,780. 5 Claims. (Cl. 172—276.)



1. A commutator type dynamo electric machine provided with commutating poles and polyphase exciting windings for each such pole embracing an integral magnetic core member thereof.

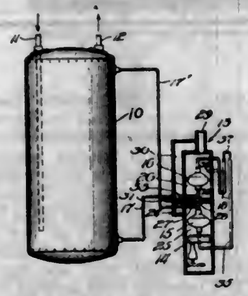
2. An electrodynamic machine wherein a plurality of armature winding coils are operably associated with a a commutator and wherein a commutating pole is arranged to produce a neutralizing voltage in an armature coil undergoing commutation, comprising a polyphase exciting winding embracing an integral magnetic core member of said commutating pole to produce a neutralizing voltage in said coil.

1,622,568. METHOD AND APPARATUS FOR RIVER CONTROL. EDWARD BIGNELL, Lincoln, Nebr., assignor to Concrete Piling Co., Seward, Nebr., a Corporation of Nebraska. Filed Apr. 2, 1923. Serial No. 629,445. 6 Claims. (Cl. 61—3.)



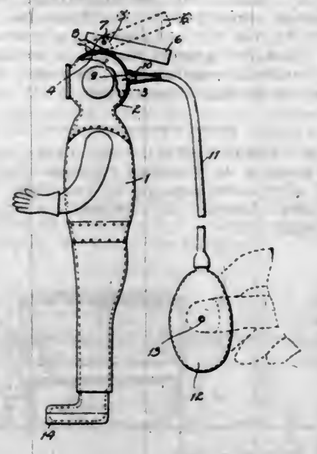
6. In combination, a retard of relatively open formation and a barrier of relatively close formation located above the bed of a flowing stream, the retard located at the up-stream side of the barrier and having anchorage independent of the barrier.

1,622,569. METHOD OF AND MEANS FOR HEATING LIQUIDS. FRED WILBUR BIRTCH, La Porte, Ind., assignor to Bastian-Morley Company, a Corporation of Indiana. Filed Feb. 3, 1923. Serial No. 616,867. 13 Claims. (Cl. 122—23.)



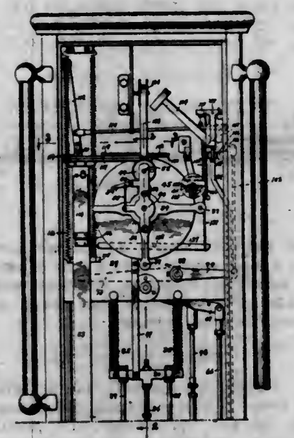
1. The method of initiating liquid flow in an open circulatory system upon a relatively-high rise of temperature, which consists in subjecting to heating conditions that will heat the liquid therein at different rates, a plurality of distinct heat-absorption areas of the circulatory system, these areas being so related that heat-absorption by the liquid in the area having the lesser absorption rate causes said liquid to resist flow to the heat-absorption area having the higher absorption rate.

1,622,570. AQUATIC TOY. CHARLES H. BUDDE, St. Louis, Mo. Filed May 10, 1924. Serial No. 712,188. 5 Claims. (Cl. 46—40.)



1. An aquatic toy, comprising a hollow body weighted to have one portion thereof remain uppermost in water and provided in said upper portion with an opening for the ingress and egress of water and with an air inlet and an air outlet, an automatic valve having a buoyant portion operated by gravity when out of water to open and by buoyancy when in water to close the air outlet, and means for supplying air under pressure to the body to expel water therefrom through said opening.

1,622,571. WEIGHING SCALE. ADOLPH A. CAILLE, Detroit, Mich. Filed Oct. 4, 1924. Serial No. 741,601. 11 Claims. (Cl. 265—9.)



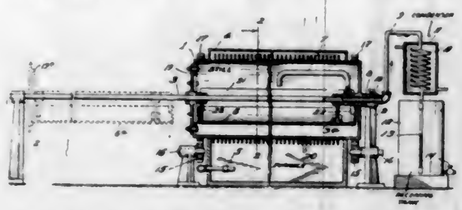
1. In a weighing scale, a support, a scale base adapted to tilt up and down thereon and containing the scale levers and supporting a platform, weight indicating

mechanism embodying a printing wheel and means connecting said printing wheel to the levers, printing mechanism adapted to co-operate with said wheel, a weight to actuate the printing mechanism, means to retain the weight in elevated position, a second weight connected to the base and raised by the base when swung down by a person on the platform which weight in moving downward is adapted to raise the first weight, and means for releasing said first weight to actuate the printing mechanism.

1,622,572. FUEL FOR AUTOMOTORS. EDWARD F. CHANDLER, Brooklyn, N. Y. Filed Dec. 23, 1924. Serial No. 757,731. 10 Claims. (Cl. 44—9.)

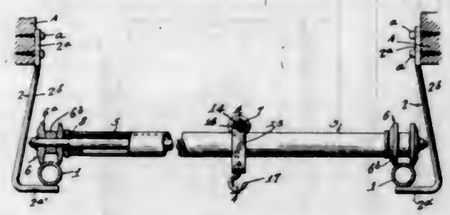
1. A liquid fuel adapted for use in an internal combustion engine, comprising a mixture of gasoline, dimethyl ketone, alcohol, and water.

1,622,573. COKING STILL. ROY CROSS, Kansas City, Mo., assignor to Gasoline Products Company, New York, N. Y., a Corporation of New York. Filed Apr. 12, 1924. Serial No. 706,020. 6 Claims. (Cl. 196—122.)



1. In an apparatus for coking petroleum hydrocarbons, the combination with a still adapted to be heated to sufficient temperature to distill off the volatile material, means for scraping the deposited carbonaceous substance from the still walls, and a container supported in the still for maintaining said removed carbonaceous material out of contact with the shell of said still, said scraping means mounted upon the container.

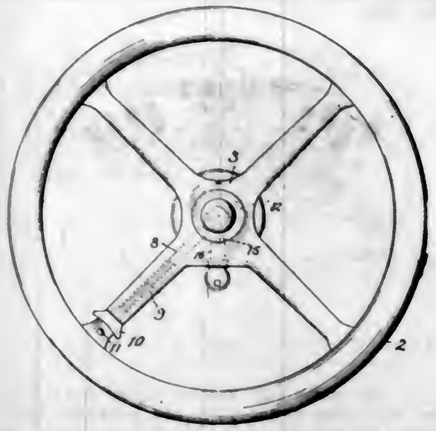
1,622,574. CRANE. FREDERICK W. DEADY, Cleveland, Ohio, assignor, by mesne assignments, to Augustus J. Gates, Cleveland, Ohio. Filed Apr. 21, 1926. Serial No. 103,463. 7 Claims. (Cl. 105—163.)



1. In an overhead crane, a carriage serving as a support for a load, consisting of a pair of concentrically arranged, relatively rotatable members and rolls at opposite ends of the members that travel on the stationary tracks for the carriage.

1,622,575. STEERING-WHEEL LOCK MECHANISM. DAVID J. DOLAN, Cleveland, Ohio. Filed Aug. 23, 1921. Serial No. 494,467. 14 Claims. (Cl. 70—129.)

1. A rotatable steering column member, a rotatable steering wheel member loosely mounted upon the steering column, a locking element carried by one of said members, the other of said members having an opening to receive a portion of said element whereby the said members will be connected together, an annular retaining



member adapted to move in front of said locking element when it is withdrawn, and means for moving the said retaining member.

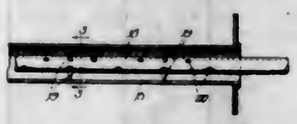
1,622,576. ALLOY. JOHN N. EARLY, Pittsburgh, Pa. Filed July 21, 1926. Serial No. 124,105. 1 Claim. (Cl. 75—1.)

A ferrous metal alloy primarily suited for the making of castings having a hard chilled surface such as rolling mill rolls, and capable of forming a controllable chill in a sand mold without the use of chills, said alloy containing the following elements in substantially the following proportions—

	Per cent.
Silicon	.75 to 1.50
Sulfur	.05 to .35
Phosphorus	.25 to .75
Manganese	.20 to .70
Carbon	2.00 to 3.75
Nickel	.05 to .25
Chromium	.15 to .25
Molybdenum	.10 to .30

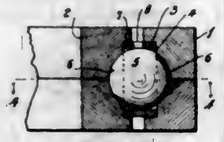
Iron approximately sufficient to complete 100%.

1,622,577. FIRE-TUBE BOILER. ALFRED J. EBNER, Chicago, Ill., assignor to Freyn, Brassert & Company, Chicago, Ill., a Corporation of Maine. Filed Jan. 15, 1923. Serial No. 612,637. 1 Claim. (Cl. 122—891.)



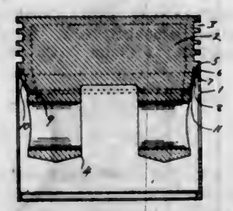
In combination, in a boiler, tubular flues of substantially uniform diameter extending therethrough, tubes of substantially uniform diameter mounted in said flues, said tubes being provided with spacing means for holding same in spaced relation with the inner walls of said flues, said spacing means comprising lugs disposed around the periphery of each of said tubes and being formed to provide substantially no obstruction to flow in the space between said tubes and their corresponding flue walls, said tubes being provided with openings through the walls thereof, said openings being inclined in the direction of the normal flow in said tubes.

1,622,578. BALL BEARING. FREDERICK ELLWEIN, Otter Creek, N. Dak. Filed Jan. 17, 1924. Serial No. 686,914. 3 Claims. (Cl. 308—196.)



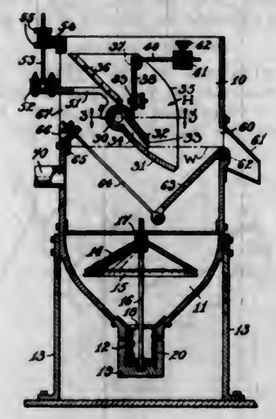
1. A bearing of the character specified comprising inner and outer collars having races in their opposing sides, a ring rigid throughout disposed between the collars and overlapped at its flat faces by the collar and provided with a plurality of openings, and balls retained by and loosely fitting said openings and projecting beyond opposite sides of the ring and entering the races of the respective collars, said balls being removable and replaceable unitarily with said ring.

1,622,579. PISTON. PHELPS M. FREER, Detroit, Mich. Filed Sept. 17, 1923. Serial No. 663,236. 14 Claims. (Cl. 74—108.)



2. In a piston, the combination with a head having an annular groove and a skirt surrounding a portion of said head, said skirt having an inwardly extending flange, of a ring engaging in said annular groove and resiliently engaging said flange.

1,622,580. GRAIN WASHER, STONER, AND CONDITIONER. DAVID GEDDES, Berkeley, Calif. Filed Apr. 19, 1926. Serial No. 102,904. 8 Claims. (Cl. 83—27.)



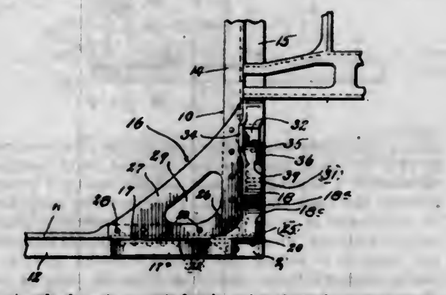
1. A grain treating machine comprising a main hollow body having a hopper bottom, a grain receiving hopper mounted within the upper region of said main body and having an apron over which the grain may flow, means by which a treating fluid may be caused to transverse said apron and to contact the grain stream thereon, a conical valve arranged within and to cooperate with the hopper bottom, and a closure for said hopper bottom arranged to support said valve.

1,622,581. NUT LOCK. HERMANN GUNKEL, Newell, Pa. Filed July 26, 1926. Serial No. 124,904. 2 Claims. (Cl. 151—41.)



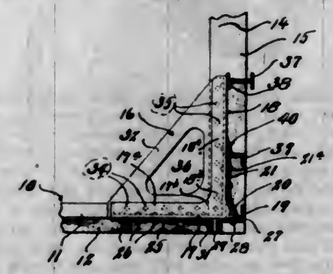
1. In a device of the class described, the combination with a bolt engaged through certain material, of a nut threadedly engaged on the bolt, and formed with ratchet teeth on the base portion thereof, a washer on the bolt, beneath the nut, and formed with a series of slotted perforations, and a series of other perforations, a locking element positioned beneath the washer, projecting portions from the locking element engaging in the latter mentioned perforations, outer marginally disposed and upwardly inclined stop members on said locking member, and passing through the said slotted perforations in the washer, and engaging the ratchet teeth of the said nut, and inner marginally disposed and downwardly inclined members on said locking member, and engageable against the said certain material to hold the locking member from gradually turning due to certain vibrations.

1,622,582. CAR CONSTRUCTION. FRANK H. HARDIN, Bronxville, N. Y. Filed Oct. 14, 1924. Serial No. 743,600. 11 Claims. (Cl. 105—411.)



1. A single piece reinforcing bracket for cars comprising a vertically disposed plate member having laterally disposed marginal flanges, and a horizontally disposed portion integral with the lower end of said plate and extending inwardly therefrom, a horizontally disposed inwardly projecting flange for engaging a part of a car underframe, there being vertically disposed recesses formed in said plate for receiving the lower ends of car posts.

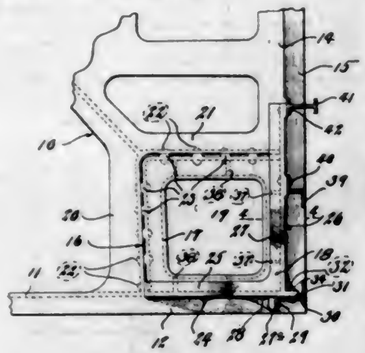
1,622,583. REENFORCING CAR BRACKET. FRANK H. HARDIN, Bronxville, N. Y. Original application filed Oct. 14, 1924, Serial No. 743,600. Divided and this application filed Sept. 27, 1926. Serial No. 137,982. 6 Claims. (Cl. 105—411.)



1. An integral reenforcing bracket for cars comprising a pair of plate members arranged at right angles to

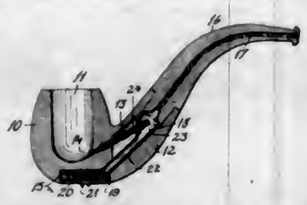
each other and provided with inwardly disposed marginal flanges, a gusset plate arranged between the lower ends of said plate members and adapted to be secured to a car underframe, vertically disposed flanges depending from said plate members and adapted to be secured to the sides of said car underframe, a vertically disposed flange extending laterally and outwardly from one of said depending flanges for receiving one face of a corner post, and a vertically disposed flange projecting laterally from the other one of said depending flanges and the corresponding plate member for receiving and having secured thereto certain other portions of said corner post.

1,622,584. REENFORCING CAR BRACKET. FRANK H. HARDIN, Bronxville, N. Y. Original application filed Oct. 14, 1924, Serial No. 743,600. Divided and this application filed Sept. 27, 1926. Serial No. 137,983. 8 Claims. (Cl. 105—411.)



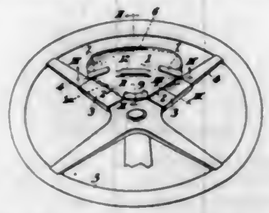
2. A one piece reenforcing bracket for cars comprising a pair of plate members arranged at right angles to each other, a rectangular base member arranged inwardly between the lower ends of said plate members and adapted to be secured in a car underframe, a vertically disposed flange extending laterally from one of said plate members and adapted to engage one face of a corner post, a vertically disposed flange extending from the meeting edges of said plate members at right angles to the first flange for engaging a corresponding face of said corner post, and vertically disposed pads arranged on one of said plate members for engaging an intermediate car post.

1,622,585. SMOKING PIPE. IVAN A. HARRISBERGER, Florence, Colo. Filed Mar. 16, 1926. Serial No. 95,038. 3 Claims. (Cl. 131—12.)



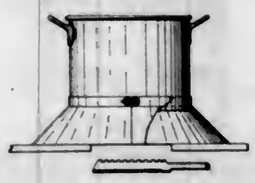
2. A smoking pipe comprising a body portion having a stem, a bowl in said body portion communicating with a bore in said stem, a downwardly-opening recess in said body portion beneath said bowl, a receptacle within said recess, a removable and replaceable cover on said receptacle, a tube formed with a bell-shaped end within said bore and communicating with said receptacle, a second tube intersecting and projecting within the bell-shaped end of said first tube and communicating with said bowl and a mouth-piece engaging said stem and formed with a duct adapted to register with the bell-shaped end of said first tube.

1,622,586. STEERING-WHEEL HOLDING DEVICE. JOHN W. HOFFMAN, Detroit, Mich. Filed July 26, 1926. Serial No. 124,825. 2 Claims. (Cl. 224—29.)



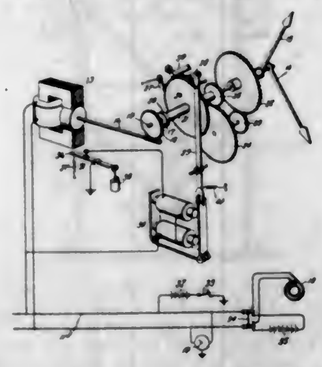
2. A device of the character described consisting of a plate having flexible projections adapted to be bent around adjacent spokes of a steering wheel, said plate having marginal projections bent back over said plate, and said plate having two transverse slots and an outwardly flared strap between said slots, said strap being integral with said plate, said marginal projections and said strap being adapted to hold an article on said plate.

1,622,587. APPLIANCE FOR COOKING VESSELS. FRED L. HOUSEL, Brooklyn, N. Y. Filed Aug. 30, 1926. Serial No. 132,579. 1 Claim. (Cl. 53—8.)



An attachment for cooking vessels to prevent the contents of said vessels which boils over from reaching the heating means consisting of a divided annular band of sheet metal comprising a portion arranged substantially vertically adapted to engage the cooking vessel, an outwardly flared portion extending from said vertically arranged portion, lugs disposed upon the ends of said band, a screw joining said lugs and a disk upon said screw for manually adjusting the diameter of said band.

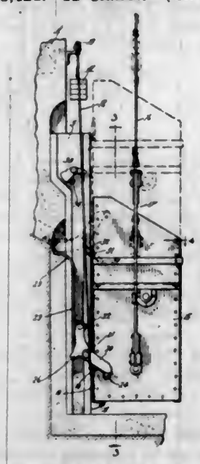
1,622,588. ELECTRIC CLOCK SYSTEM. CHARLES A. HOXIE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Oct. 4, 1924. Serial No. 741,742. 8 Claims. (Cl. 58—35.)



1. An electric timing system comprising an alternating current distribution system, a plurality of secondary clocks having self-starting synchronous driving motors connected to said system, electrically operated means

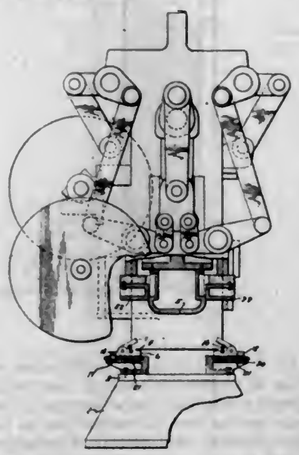
controlled over said distribution system for setting said clocks to a desired indication irrespective of variations in their previous indication, and electrically operated means connected to said system and responsive only to direct current for establishing the control circuit for said electrically operated setting means.

1,622,589. AUTOMATIC SELF-LOADING HOIST. WILLIAM E. HOWLETT, Moline, Ill. Filed Apr. 21, 1926. Serial No. 103,422. 12 Claims. (Cl. 214—125.)



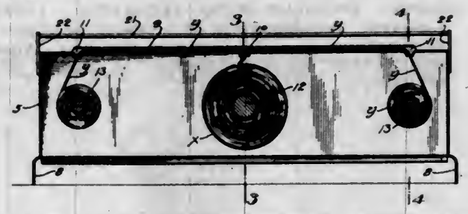
1. The combination in an automatic self-loading hoist of a receptacle having an opening through which the material to be hoisted may pass, a closure for said opening, a hoisting bucket adapted to be lowered to and to be raised from said opening, raising devices carried by said closure, means carried by the hoisting bucket for engaging said raising devices as the bucket is raised to move them toward disengaging position, and means for preventing said raising devices from moving to disengaging position until said closure reaches a substantially closed position.

1,622,590. STRETCHING DIE FOR SHEET METAL. TRYGVE JOLSTAD, Detroit, Mich., assignor to Michigan Stamping Company, Detroit, Mich., a Corporation of Michigan. Filed May 7, 1923. Serial No. 637,871. 18 Claims. (Cl. 113—38.)



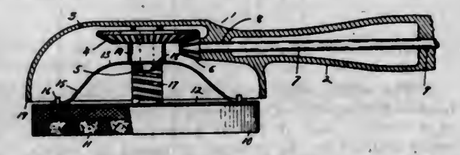
1. In a device of the class described, a plurality of opposed slidably mounted jaws for clamping the metal to be stretched, a support for said jaws, means for actuating one of said jaws to clamp the metal while at the same time permitting said jaws to move upon said support with the metal in a direction substantially transverse to the direction of stretching of the metal and means carried by said support for regulating the sliding movement of said jaws.

1,622,591. FLY-PAPER HOLDER. JOSEPH L. KILLION, Minneapolis, Minn. Filed Mar. 29, 1926. Serial No. 98,300. 4 Claims. (Cl. 43—115.)



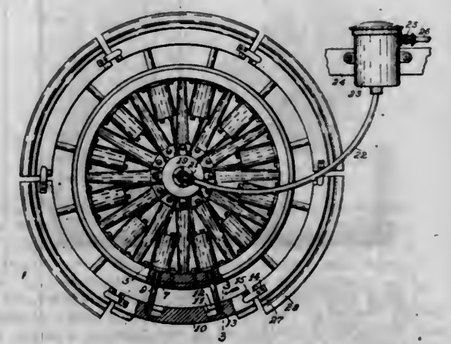
1. In a holder of the kind described, the combination with a casing having a pair of guides, of a pair of spindles journaled in said casing, a roll of sticky fly paper mounted on one of said spindles and having its outer end attached to and arranged to be wound on the other thereof as the same is unwound from the roll, said paper between said spindles being held by said guides and supported on said casing, and guide flanges on the casing overlapping the longitudinal edges of the exposed portion of said paper.

1,622,592. RUBBING MACHINE. ARTHUR B. KRATZ, Detroit, Mich. Filed Nov. 13, 1922. Serial No. 600,676. 4 Claims. (Cl. 51—170.)



1. In a device of the class described, the combination with a frame, of a rubbing element, loops secured to said rubbing element, a metallic spider having arms detachably connected to said loops, and actuating means for said rubbing element mounted within said frame and rigidly secured to said spider.

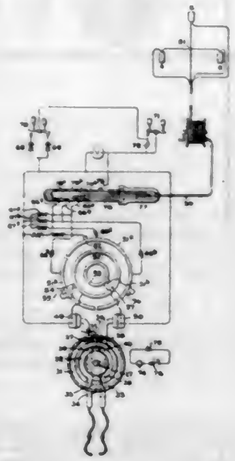
1,622,593. VEHICLE WHEEL. ELVIE LANDON, Waterloo, Iowa. Filed May 17, 1926. Serial No. 109,738. 4 Claims. (Cl. 230—31.)



1. In combination, a wheel having an apertured felly and tread members positioned concentrically around it,

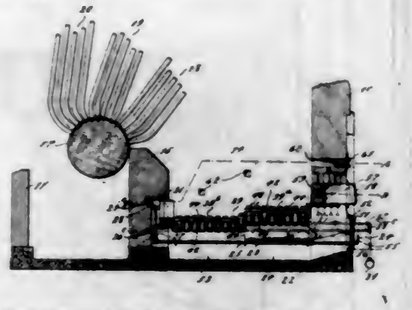
closed cylinders mounted around the wheel, each cylinder having one apertured head and with valve-controlled inlet- and outlet-ports in its opposite head, an imperforate piston in each cylinder with stem projecting through its apertured head and terminally loosely connected to a tread member, a gathering chamber having an outlet-port and having communications with the cylinder outlet-ports, a reservoir, and means of communication between said reservoir and the outlet port of said gathering chamber.

1,622,594. SOUND-LOCATING APPARATUS. IRVING LANGMUIR, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 31, 1919. Serial No. 300,807. 35 Claims. (Cl. 181—26.)



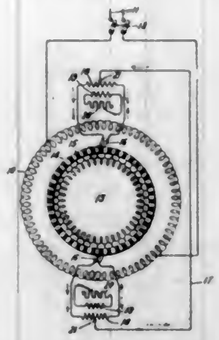
2. The combination with two sound transmission systems each composed of an electrical transmitter connected to a receiver and of an air path for transmitting the sound emitted by the receiver, of means for varying the relative lengths of said air paths to vary the phase relation of the sounds which traverse said air paths.

1,622,595. FURNACE. NATHAN E. LEWIS, Plainfield, N. J., and DOUGLAS WARD WILLIAMS, New Brighton, Staten Island, N. Y., assignors to the Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed Sept. 29, 1921. Serial No. 504,230. 7 Claims. (Cl. 158—1.)



4. In a combined oil and gas burning furnace, an oil burner located at the rear of the furnace and constructed and arranged to project oil in the form of a spray into the furnace, a gas burner located in the bottom of the furnace and divided into a plurality of sections from the front to the rear of the furnace, independent air ducts located beneath said gas burner, each duct being arranged to supply air to one section of the gas burner, and independent means to control the air supply to each of said ducts, the air duct leading to the section adjacent the oil burner being arranged to supply air to the oil burner.

1,622,596. ALTERNATING-CURRENT COMMUTATOR MACHINE. CAMPBELL MACMILLAN, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 8, 1924. Serial No. 748,764. 3 Claims. (Cl. 171—228.)



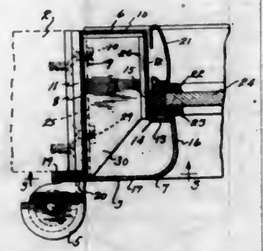
1. In combination, a dynamo-electric machine having a commutator composed of alternate live and dead segments, a plurality of separately insulated brushes spaced apart so as to bridge consecutive live commutator segments at the points of commutation of said commutator, a transformer having its primary winding connected between said brushes and a non-inductive resistance connected in the secondary circuit of said transformer.

1,622,597. CUP DISPENSER. WILLIAM B. MANGOLD, Chicago, Ill., assignor to Vortex Mfg. Co., a Corporation of Illinois. Filed April 2, 1924. Serial No. 703,638. 4 Claims. (Cl. 211—29.)



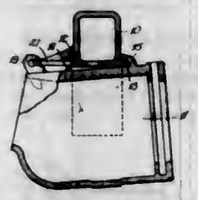
3. In a flat cup dispenser the combination with a container having a longitudinal slot in the rear thereof, a flanged aligner pivoted on the exterior of the container adapted to be swung into closed position to project into the container through said slot to tilt cups within the container, and means on the aligner adapted to engage the container for locking the aligner in closed position.

1,622,598. HINGE SUPPORT. WILLIAM MARSHALL, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 8, 1924. Serial No. 736,643. 6 Claims. (Cl. 296—44.)



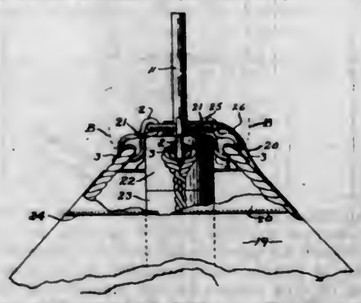
6. The combination with a post including a channel-shaped member, and a hinge having a portion extending along one side wall of said channel member, of means for reinforcing said post including a brace extending between two walls of said channel member, and a common securing means for said hinge and reinforcing member including elements extending through registering openings in said hinge, reinforcing member, and the first mentioned wall aforesaid of said channel member.

1,622,599. JOURNAL-BOX-SECURING MEANS. PAUL J. MCCULLOUGH, St. Louis, Mo., assignor, by mesne assignments, to Scullin Steel Co., St. Louis, Mo., a Corporation of Delaware. Filed May 15, 1926. Serial No. 109,209. 8 Claims. (Cl. 105—220.)



1. In combination, a side frame, a separable journal box cooperatively associated therewith, means upon said frame and journal box for preventing relative movement therebetween in a vertical direction, said journal box being provided with a closure member and means responsive to said closure member for preventing relative rotative movement between said journal box and said side frame.

1,622,600. TENT-POLE SHACKLE RING. MARION L. MCHUGH, Wichita, Kans. Filed Oct. 16, 1923. Serial No. 668,849. 9 Claims. (Cl. 135—15.)

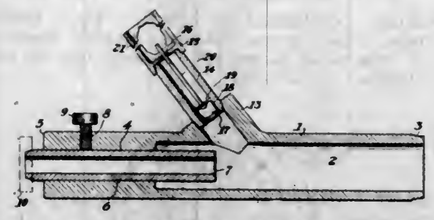


4. In a tent, a tent top having a pike pin opening, a ring secured in the margin of said opening adapted to be supported upon a pole having a pike pin for extending through said opening, and means for elevating said ring from the top of said pole to relieve adjacent portions of the tent top from wear.

1,622,601. GOLF BALL AND METHOD OF MAKING THE SAME. THOMAS W. MILLER, Ashland, Ohio. Filed May 12, 1923. Serial No. 638,667. 3 Claims. (Cl. 154—17.)

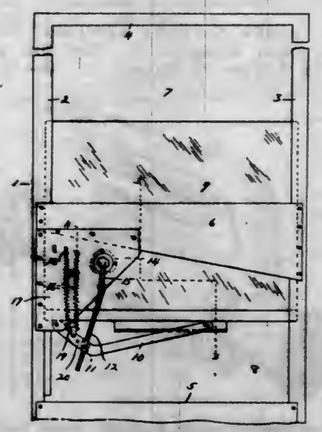
2. The method of manufacturing golf balls, which consists in first winding upon a suitable center a rubber thread under tension to form a wound body or core, then subjecting said wound body or core to rubber latex thoroughly to permeate said winding therewith, then evaporating therefrom the water, leaving a practically solid mass under tension, and finally applying thereto a cover.

1,622,602. TESTING DEVICE FOR CORED CASTINGS. GEORGE A. MOHR, Detroit, Mich. Filed Oct. 21, 1926. Serial No. 143,030. 6 Claims. (Cl. 73—51.)



1. In a testing device for cored castings, the combination of a tubular member having a longitudinal passage therein, a nozzle extending into said passage substantially in line with the latter, a lateral inclined branch opening into said passage, a plunger in said branch, and an indicating means connected to said plunger adapted to function when fluid under pressure passes successively through said nozzle and passage.

1,622,603. MOUNTING FOR WINDOW-CONTROL MECHANISM. STANLEY W. NICHOLSON, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed Aug. 27, 1923. Serial No. 659,666. 2 Claims. (Cl. 268—126.)



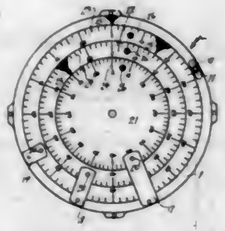
1. The combination with a frame including an upright member and a lateral member and a window slidably engaging said frame, of a gusset plate extending across a corner between and connected to said upright and lateral members and secured to said members to reinforce said frame, a control arm pivotally mounted upon said gusset plate and operatively connected to said window, the pivotal end of said control arm being located between said gusset plate and the path of travel of said window, counterbalancing means for said window connected to

said gusset plate and control arm and located between said gusset plate and path of travel of said window and means of actuating said control arm located between said gusset plate and the path of travel of said window, said control arm, counterbalancing means and actuating means being mounted in connection with said gusset plate to form a unitary structure.

1,622,604. BERYLLIUM FILAMENT. ALEXANDER NYMAN, New York, N. Y., assignor to Dubilier Condenser Corporation, New York, N. Y., a Corporation of Delaware. Filed Nov. 7, 1924, Serial No. 748,464. Renewed Mar. 4, 1926. 1 Claim. (Cl. 250—27.)

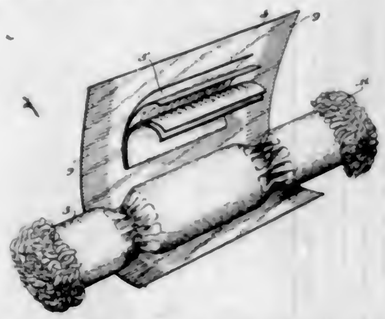
A filament for emitting electrons, said filament consisting essentially of beryllium.

1,622,605. COMBINATION LOCK. KNUT HELMER OBERG, Nelson, British Columbia, Canada. Filed Oct. 18, 1923, Serial No. 669,271. Renewed July 18, 1925. 4 Claims. (Cl. 70—53.)



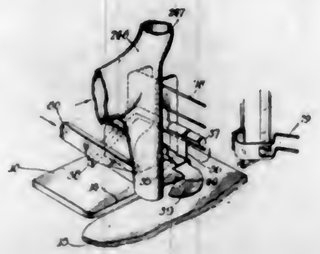
1. In a lock, a casing, a rack carried thereby, a span bar carried by said rack, a spindle carried by said span bar, a rotary rack centered upon said spindle within the first rack and formed with a peripheral recess, a bolt pivotally and slidably carried by said spindle, a lug carried by said bolt for disposal between said racks and capable of disposal in the said recess, means connecting said racks and said bolt whereby the latter is actuated, and a casing for said bolt.

1,622,606. PAPER NOVELTY ARTICLE. ARTHUR G. PALMER, Dover Plains, N. Y. Filed Dec. 21, 1926. Serial No. 156,166. 4 Claims. (Cl. 46—46.)



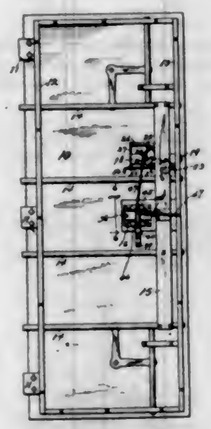
1. In combination with a party favor including a tubular container and a covering and finishing paper wrapped thereabout having the opposite ends extended beyond the ends of the container, a booklet embracingly engaged over a portion of the paper adjacent the container, and a transparent covering and retaining sheet wrapped completely about and over said booklet and said covering and finishing paper, the opposite longitudinal sides of said transparent sheet being jointed by an adhesive to adjacent portions of the covering and finishing paper.

1,622,607. WINDER. BURT A. PETERSON, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a Corporation of Illinois. Filed Dec. 1, 1924, Serial No. 753,040. Renewed Aug. 27, 1926. 6 Claims. (Cl. 242—35.6.)



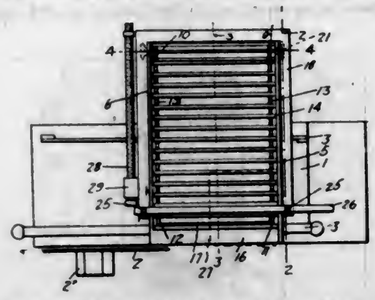
1. An automatic winder having, in combination, a series of winding units each comprising a yarn clearer, a detector and a reserve bobbin pocket, and a winder-tending mechanism arranged to travel along the series of units, said winder-tending mechanism including means to discharge an air blast against the winding units to blow lint therefrom, said means comprising two nozzles located near the forward end of said mechanism, one of said nozzles being directed toward the yarn clearer and the detector and the other nozzle being directed toward the reserve bobbin pocket.

1,622,608. BURGLARPROOF LOCK. FRANK O. PETERSON, Fort Dodge, Iowa, assignor, by mesne assignments, to Peoples Investment Company, a Corporation of South Dakota. Filed Aug. 18, 1924. Serial No. 732,593. 19 Claims. (Cl. 109—3.)



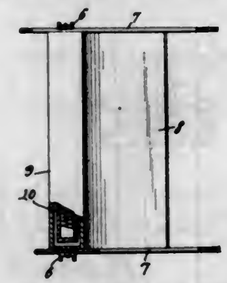
1. Auxiliary means for locking a vault or safe door which door is provided with a carrying bar, comprising a bracket mounted on the door and extending across said bar, a locking block arranged on one side of and pivoted to said bracket in the plane of movement of said bar, yielding pressure devices carried by the bracket and adapted to move the locking block into contact with said bar, trigger released means adapted to hold said locking block at times out of contact with said bar, and a dead-lock carried by the bracket and adapted to engage and lock the block to the bracket at times.

1,622,609. MEAT SLICER. JAMES JOSEPH QUINN, Mimico, Ontario, Canada. Filed Sept. 1, 1925. Serial No. 53,852. 5 Claims. (Cl. 146—110.)



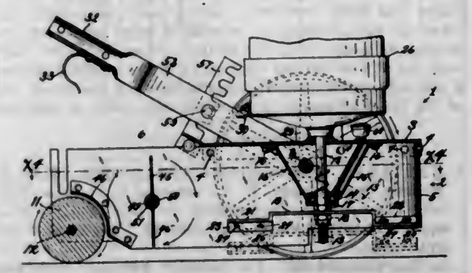
2. In a meat slicing machine, the combination with the main support, feed screw and rotating knife, of an endless conveyor forming a support for the piece of meat to be sliced by the cutting knife, a frame provided with side bars, means operated by the feed screw for moving the bars forward, and means operated by the forward movement of the frame for revolving the conveyor.

1,622,610. WATER MOTOR. ROBERT A. ROBERTSON, Rocksprings, Tex. Filed May 29, 1926. Serial No. 112,614. 1 Claim. (Cl. 170—102.)



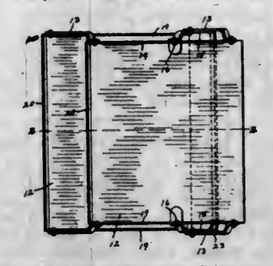
In a water wheel, a shaft, an elongated hub on the shaft, spokes secured to the ends of the hub and radiating therefrom, substantially wide circular members secured to the spokes adjacent to the outer ends thereof, housings supported between the circular members, each of said housings embodying a pair of spaced plates, one of the plates of each housing having a laterally extended flange curved to conform to the curvature of the circular members, said flanges being disposed adjacent to the peripheries of the circular members, and heating elements supported within the housings.

1,622,611. LAWN MOWER. RYUMATSU SERA, Glendale, Calif. Filed June 28, 1924. Serial No. 723,036. 1 Claim. (Cl. 56—25.)



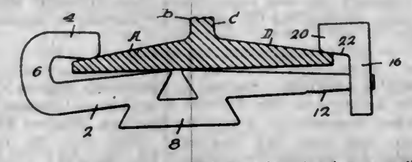
The lawn mower set forth comprising a body; an axle extending through said body; wheels on said axle; a motor mounted on said body; a vertical shaft extending from said motor; a knife carrier adjustably secured to said shaft; razor blades secured to said carrier; a roller journalled at the rear of said body, a guard in advance of said roller, a saw tooth beater in advance of said guard; and means actuated by said wheels to rotate said beater.

1,622,612. FOLDING DISPLAY RACK. WILLIAM H. AVERILL, Boston, Mass., assignor to Joseph Pollak Tool and Stamping Company, Boston, Mass., a Corporation of Massachusetts. Filed Oct. 14, 1926. Serial No. 141,540. 3 Claims. (Cl. 211—14.)



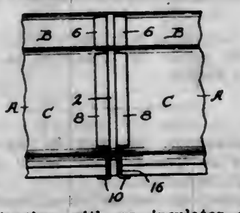
1. A folding display rack comprising a plurality of shelves, parallel links connected by pivots with opposite ends of the shelves and adapted to maintain the shelves parallel with each other and at different distances apart, and a pair of braces connected by pivots with one of the shelves at points between the links and provided with slots in which the pivots connecting two of the links with another shelf are slidable, the shelves, links and braces being relatively arranged to form a rack which may be expanded and folded, one end of one of the shelves and the free ends of the braces being adapted to rest on a horizontal support when the rack is expanded and maintain the shelves inclined and spaced apart above the support.

1,622,613. RAIL ANCHOR. HARRY N. STAMOS, ALEXANDER N. STAMOS, and THOMAS W. BROWN, Centerville, Iowa. Filed Oct. 7, 1926. Serial No. 140,018. 3 Claims. (Cl. 238—329.)



1. A rail anchor comprising a bar having a rail engaging clip at one end and a loop intermediate its ends, and a removable clamp member adapted to slidably engage the free end of said bar and also the upper surface of one rail flange.

1,622,614. END-POST PROTECTOR. HARRY N. STAMOS, ALEXANDER N. STAMOS, and THOMAS W. BROWN, Centerville, Iowa. Filed Oct. 29, 1926. Serial No. 145,023. 4 Claims. (Cl. 238—152.)



1. In combination with an insulator adapted to be inserted between the ends of two rails, a protective de-

vice conforming to the shape of said insulator and adapted to be inserted between the latter and the adjacent end of one of said rails.

1,622,615. OPHTHALMIC MOUNTING. LOUIS J. TELLER, Providence, R. I. Filed Dec. 19, 1924. Serial No. 756,907. 5 Claims. (Cl. 88—53.)



2. A temple hinge for an ophthalmic mounting, comprising pivotally-connected plates adapted to hinge a non-metallic temple member to its end-piece member, a single rivet for binding each plate in position, and a fastening spur on one of said plates at the hinge edge thereof adapted to be imbedded into the member on which it is mounted to assist in holding it in set position.

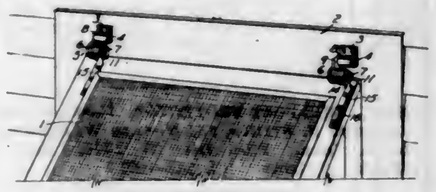
3. In an ophthalmic mounting, an end-piece, a temple having a longitudinal opening therethrough, pivotally-connected plates attached to said temple and end-piece to hinge the two together, a pair of spaced-apart fastening spurs on the temple plate imbedded into said temple located to straddle said longitudinal opening therein to assist in preventing a relative movement of said temple and plate.

1,622,616. DEVICE FOR APPLYING OINTMENT TO THE GUMS. OLIVES TEMPLE, Dyersburg, Tenn. Filed Sept. 25, 1926. Serial No. 137,687. 3 Claims. (Cl. 128—261.)



1. In a device for applying ointment or the like to the gums, spaced arcuate bars conforming to the shaping of the inner and outer faces of the gums and substantially V-shaped arms connecting said bars, said bars having adjacent the free edges thereof longitudinally spaced openings adapted for the passage of portions of absorbent pads.

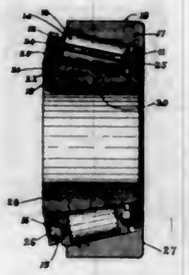
1,622,617. HINGE. TANDY B. THURMAN, Kansas City, Mo., assignor to The Arteraft Company, a Common-law Trust, composed of Tandy B. Thurman, Mildred Thurman, and Lena Joy Thurman. Filed Nov. 22, 1926. Serial No. 149,942. 7 Claims. (Cl. 16—172.)



2. A hinge comprising coils, one coil interiorly engaging the other, and means for attaching the coils to the elements to be hinged.

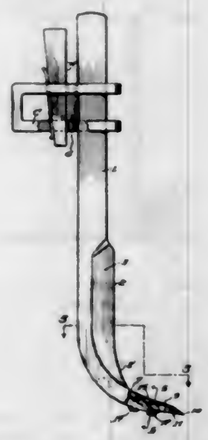
1,622,618. BEARING. LAMBERT H. VERVOORT, Coudersport, Pa. Filed Nov. 8, 1923. Serial No. 673,503. 7 Claims. (Cl. 308—218.)

1. In a bearing, in combination a frusto-conical roller cage comprising end plates stayed apart, one smaller than the other each being provided on its inner face with laterally spaced ball seats and laterally spaced stay rods connecting said end plates and having reduced ends whereby the latter are provided with shoulders, the faces of said end plates being mounted at right angles to said rods and



fitting snugly against said shoulders, frusto-conical rollers mounted between said plates, each roller being provided with ball seats in its ends, and balls mounted between said rollers and end plates and positioned in said seats.

1,622,619. CULTIVATOR TOOTH. WILLIAM C. WARREN, Philadelphia, Pa., assignor to S. L. Allen & Co., Inc., a Corporation of Pennsylvania. Filed Sept. 4, 1926. Serial No. 133,562. 2 Claims. (Cl. 97—202.)

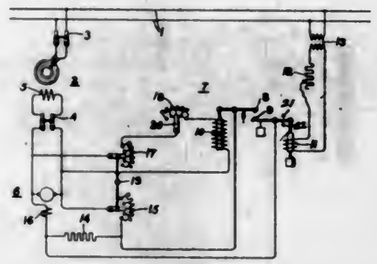


1. A cultivator tooth comprising a shank of rectangular cross section adapted to be supported under operative conditions in a substantially vertical position, the lower portion of the shank being formed to provide a sharp generally vertically extending cutting edge lying in advance of the adjacent face of the upper portion of the shank and being forwardly curved and transversely flattened at its extremity to provide a point-supporting toe having its upper face downwardly offset from the adjacent end of said cutting edge and lying in advance thereof, a generally spear-shaped point disposed on the upper face of the toe, and means for securing said point to said toe.

1,622,620. REGULATING APPARATUS. FRED H. WINTER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 28, 1924. Serial No. 739,415. 5 Claims. (Cl. 171—229.)

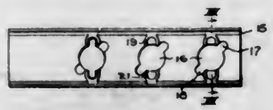
1. The combination of a machine provided with field and armature circuits, and a regulating apparatus comprising an element arranged to be energized in accordance

with the voltage of said armature circuit, an element arranged to be energized in accordance with the voltage of said field circuit, and means associated with one of



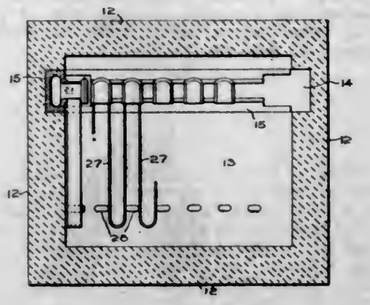
said elements for causing it to regulate the excitation of said machine independently of the voltage of said armature circuit.

1,622,621. ELECTRIC FURNACE. JAMES C. WOODSON, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 23, 1925. Serial No. 38,980. 12 Claims. (Cl. 204—64.)



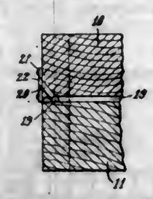
1. In an electric furnace, in combination, a member of substantially channel section, and a hanger block for supporting a resistor member extending into said member of channel section and held in proper operative position therein by the resistor.

1,622,622. ELECTRIC FURNACE. JAMES C. WOODSON, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 23, 1925. Serial No. 38,981. 6 Claims. (Cl. 204—64.)



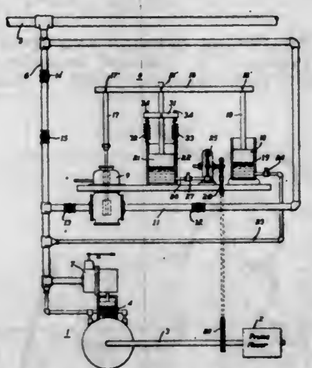
1. In an electric furnace, in combination, a member of overhung channel section, and an elongated hanger block interfitting with said member and extending away from the face thereof, and constituting the sole support for a resistor member.

1,622,623. MOLDER'S FLASK. HAROLD D. BICKFORD, Waterville, Me. Filed May 20, 1926. Serial No. 110,361. 6 Claims. (Cl. 22—96.)



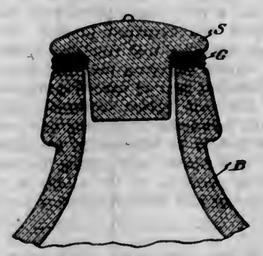
1. A molder's flask having a plurality of parts normally in superposed relation with contacting faces, one of each pair of adjacent parts being provided with a channel in its contacting face, one of each pair of adjacent parts having a vent connecting said channel with the open air.

1,622,624. REGULATOR SYSTEM FOR PULP GRINDERS. WILLIAM M. BRADSHAW and WALTER G. MYLIUS, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed July 20, 1922. Serial No. 576,401. 13 Claims. (Cl. 83—75.)



1. In a load-regulator system, the combination with a device the load upon which is to be maintained substantially constant and means for applying load thereto, of means for regulating the pressure in said system, said means being also adapted to prevent hunting action under all operative conditions.

1,622,625. GASKET SEAL FOR LIQUID CONTAINERS. EVERETT E. BRAINARD, Arlington, Mass. Filed Aug 4, 1926. Serial No. 127,108. 4 Claims. (Cl. 215—37.)



1. In a shipping container for acids or the like, in combination, an acid bottle having an apertured neck, a stopper therefor, and a gasket interposed between said neck and said stopper, said gasket comprising a seamless cylinder of knitted fabric, turned back upon itself to provide a four-ply ring, one end of the fabric being contained within the turned-back gasket.

vice conforming to the shape of said insulator and adapted to be inserted between the latter and the adjacent end of one of said rails.

1,622,615. OPHTHALMIC MOUNTING. LOUIS J. TELLER, Providence, R. I. Filed Dec. 19, 1924. Serial No. 756,907. 5 Claims. (Cl. 88—53.)



2. A temple hinge for an ophthalmic mounting, comprising pivotally-connected plates adapted to hinge a non-metallic temple member to its end-piece member, a single rivet for binding each plate in position, and a fastening spur on one of said plates at the hinge edge thereof adapted to be imbedded into the member on which it is mounted to assist in holding it in set position.

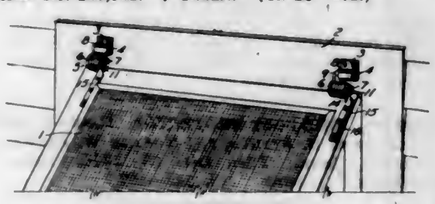
3. In an ophthalmic mounting, an end-piece, a temple having a longitudinal opening therethrough, pivotally-connected plates attached to said temple and end-piece to hinge the two together, a pair of spaced-apart fastening spurs on the temple plate imbedded into said temple located to straddle said longitudinal opening therein to assist in preventing a relative movement of said temple and plate.

1,622,616. DEVICE FOR APPLYING OINTMENT TO THE GUMS. OLIVES TEMPLE, Dyersburg, Tenn. Filed Sept. 25, 1926. Serial No. 137,687. 3 Claims. (Cl. 128—261.)



1. In a device for applying ointment or the like to the gums, spaced arcuate bars conforming to the shaping of the inner and outer faces of the gums and substantially V-shaped arms connecting said bars, said bars having adjacent the free edges thereof longitudinally spaced openings adapted for the passage of portions of absorbent pads.

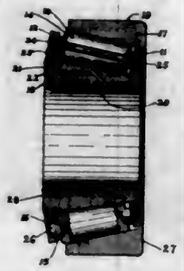
1,622,617. HINGE. TANDY B. THURMAN, Kansas City, Mo., assignor to The Artcraft Company, a Common-law Trust, composed of Tandy B. Thurman, Mildred Thurman, and Lena Joy Thurman. Filed Nov. 22, 1926. Serial No. 149,942. 7 Claims. (Cl. 16—172.)



2. A hinge comprising coils, one coil interiorly engaging the other, and means for attaching the coils to the elements to be hinged.

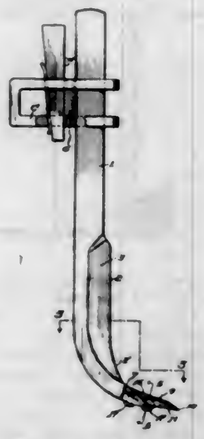
1,622,618. BEARING. LAMBERT H. VERVOORT, Coudersport, Pa. Filed Nov. 8, 1923. Serial No. 673,503. 7 Claims. (Cl. 308—218.)

1. In a bearing, in combination a frusto-conical roller cage comprising end plates stayed apart, one smaller than the other each being provided on its inner face with laterally spaced ball seats and laterally spaced stay rods connecting said end plates and having reduced ends whereby the latter are provided with shoulders, the faces of said end plates being mounted at right angles to said rods and



fitting snugly against said shoulders, frusto-conical rollers mounted between said plates, each roller being provided with ball seats in its ends, and balls mounted between said rollers and end plates and positioned in said seats.

1,622,619. CULTIVATOR TOOTH. WILLIAM C. WARREN, Philadelphia, Pa., assignor to S. L. Allen & Co., Inc., a Corporation of Pennsylvania. Filed Sept. 4, 1926. Serial No. 133,562. 2 Claims. (Cl. 97—202.)

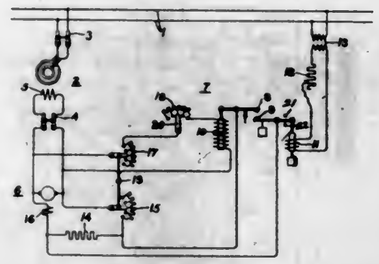


1. A cultivator tooth comprising a shank of rectangular cross section adapted to be supported under operative conditions in a substantially vertical position, the lower portion of the shank being formed to provide a sharp generally vertically extending cutting edge lying in advance of the adjacent face of the upper portion of the shank and being forwardly curved and transversely flattened at its extremity to provide a point-supporting toe having its upper face downwardly offset from the adjacent end of said cutting edge and lying in advance thereof, a generally spear-shaped point disposed on the upper face of the toe, and means for securing said point to said toe.

1,622,620. REGULATING APPARATUS. FRED H. WINTER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 23, 1924. Serial No. 739,415. 5 Claims. (Cl. 171—229.)

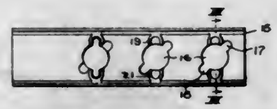
1. The combination of a machine provided with field and armature circuits, and a regulating apparatus comprising an element arranged to be energized in accordance

with the voltage of said armature circuit, an element arranged to be energized in accordance with the voltage of said field circuit, and means associated with one of



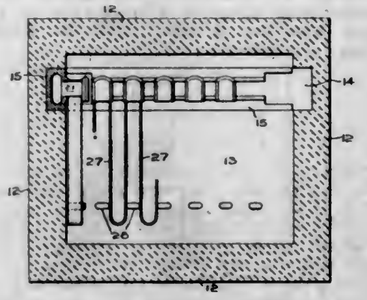
said elements for causing it to regulate the excitation of said machine independently of the voltage of said armature circuit.

1,622,621. ELECTRIC FURNACE. JAMES C. WOODSON, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 23, 1925. Serial No. 38,980. 12 Claims. (Cl. 204—64.)



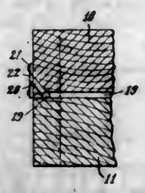
1. In an electric furnace, in combination, a member of substantially channel section, and a hanger block for supporting a resistor member extending into said member of channel section and held in proper operative position therein by the resistor.

1,622,622. ELECTRIC FURNACE. JAMES C. WOODSON, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 23, 1925. Serial No. 38,981. 6 Claims. (Cl. 204—64.)



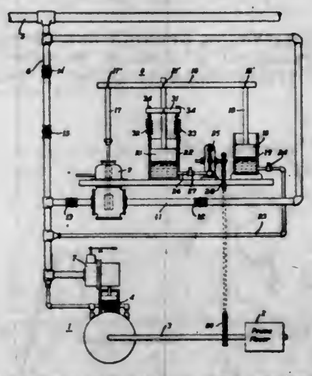
1. In an electric furnace, in combination, a member of overhung channel section, and an elongated hanger block interfitting with said member and extending away from the face thereof, and constituting the sole support for a resistor member.

1,622,623. MOLDER'S FLASK. HAROLD D. BICKFORD, Waterville, Me. Filed May 20, 1926. Serial No. 110,361. 6 Claims. (Cl. 22—96.)



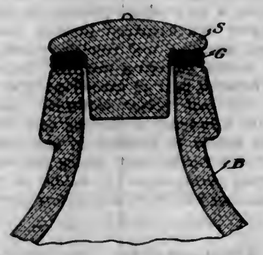
1. A molder's flask having a plurality of parts normally in superposed relation with contacting faces, one of each pair of adjacent parts being provided with a channel in its contacting face, one of each pair of adjacent parts having a vent connecting said channel with the open air.

1,622,624. REGULATOR SYSTEM FOR PULP GRINDERS. WILLIAM M. BRADSHAW and WALTER G. MYLIUS, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed July 20, 1922. Serial No. 576,401. 13 Claims. (Cl. 83—75.)



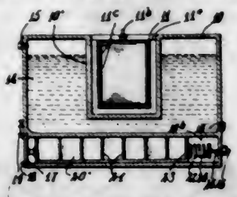
1. In a load-regulator system, the combination with a device the load upon which is to be maintained substantially constant and means for applying load thereto, of means for regulating the pressure in said system, said means being also adapted to prevent hunting action under all operative conditions.

1,622,625. GASKET SEAL FOR LIQUID CONTAINERS. EVERETT E. BRAINARD, Arlington, Mass. Filed Aug 4, 1926. Serial No. 127,108. 4 Claims. (Cl. 215—37.)



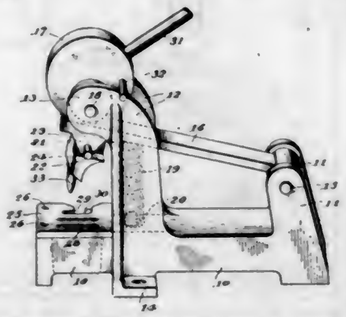
1. In a shipping container for acids or the like, in combination, an acid bottle having an apertured neck, a stopper therefor, and a gasket interposed between said neck and said stopper, said gasket comprising a seamless cylinder of knitted fabric, turned back upon itself to provide a four-ply ring, one end of the fabric being contained within the turned-back gasket.

1,622,626. REFRIGERATING HOUSEHOLD UNIT. JULIUS G. BURNS and HERBERT S. DAVIS, New York, N. Y., assignors to Purecold Products of America, Inc., a Corporation of Delaware. Filed Feb. 23, 1926. Serial No. 90,094. 5 Claims. (Cl. 62—92.)



5. A refrigerator household unit, adapted to refrigerate ice for table use, comprising a housing, a sunk-in portion provided in said housing, a receptacle housing prepared solidified carbon dioxide snow supported in said sunk-in member, a brine chamber surrounding said sunk-in portion, a lower chamber formed in said housing, a door communicating with said lower chamber, a drawer formed with partitions housed in said lower chamber, and means to project said drawer upon the opening of said door, said means consisting of a spring acting between said drawer, and an adjustable resistance.

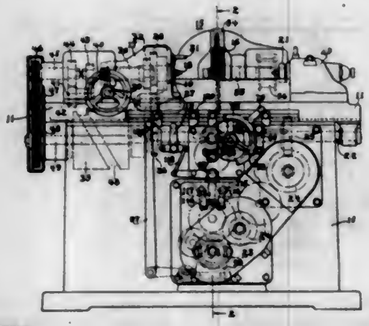
1,622,627. CHAIN-LINK OPENING AND CLOSING DEVICE. FREDERICK A. CALKINS, Waterbury, Conn. Filed Mar. 9, 1925. Serial No. 14,066. 1 Claim. (Cl. 81—15.)



In a machine of the class described, a frame including a base, a pair of uprights formed with the base and arranged as opposite sides thereof, a second pair of spaced uprights formed on the base in advance of the first pair of uprights, said base having a work supporting portion at its forward end, a pair of forwardly projecting ears formed on the second named pair of uprights and extending at opposite sides of the work supporting portion, a tool holder pivoted to the first named pair of uprights and arranged between the uprights of said pairs and having a tool receiving portion at its forward end, a spring engaging the tool holder at a point between the forward pair of spaced uprights for normally maintaining the tool holder elevated, and means supported by said forwardly projecting ears and contacting with the tool holder in advance of the point of contact between the tool holder and spring for depressing the tool by exerting pressure on the holder in vertical alignment with the tool and work supporting portion.

1,622,628. WORM-GRINDING MACHINE. HENRY E. DURKEE, Glastonbury, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Mar. 28, 1925. Serial No. 19,004. 17 Claims. (Cl. 51—95.)

1. A worm grinding machine comprising in combination, a base, work supporting means slidably mounted thereon, an angularly adjustable wheel head movable toward and from the supporting means and having a rotatable abrasive wheel therein, a constantly rotating shaft, a cam thereon for reciprocating the work support-

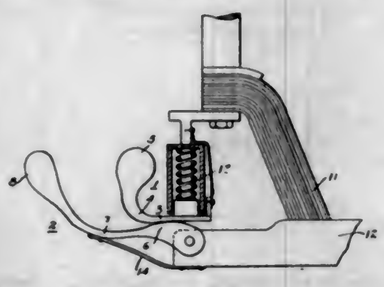


ing means, and means for rotating the work simultaneously with the reciprocatory movements of the work supporting means.

1,622,629. AIRCRAFT WITH SWINGING WINGS. ADOLF EHRLICH, Budapest, Hungary. Filed Apr. 8, 1926. Serial No. 100,726. 10 Claims. (Cl. 244—20.)

1. In an aircraft with swinging wings the combination of a power engine, cam disc fastened on the longitudinal extension of the driving shaft of said power engine, a groove on each side of each of the discs, a connecting rod between the disc and each wing, a pin on said connecting rod and a roller on said pin engaging in said groove, said connecting rod having an enlarged end, a slot in this enlarged end, a roller in said slot mounted on the driving shaft.

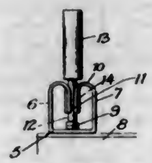
1,622,630. ARCING CONTACT. OTTO H. ESCHHOLZ, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 6, 1922. Serial No. 592,897. 7 Claims. (Cl. 200—144.)



5. In a circuit breaker, the combination with separable main contact members, of curved arcing tips of different lengths projecting laterally from said members to a spaced

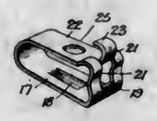
and approximately parallel relation in which their extremities are in a plane substantially parallel to the contact surfaces of the main members when in their circuit-closing positions.

1,622,631. SPRING TERMINAL CLIP. ARCHIE P. FAHNESTOCK, Long Island City, N. Y. Filed Oct. 27, 1923. Serial No. 671,183. 1 Claim. (Cl. 173—259.)



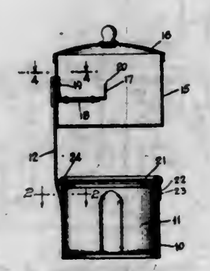
A terminal clip made from metallic band of uniform width comprising a centrally apertured securing base provided with flat, upright side members, said members having their ends turned first inwardly to form arcuate portions and then downwardly to form substantially parallel depending fingers, each finger being provided with a groove, the grooves facing each other and being arranged for receiving and clamping a pin terminal therebetween and extending along said fingers in the central length direction thereof and to the full extent of the fingers, and being located at the meeting faces thereof to provide a substantially circular opening at the top of the clips for holding the pin terminal centrally therein, and in upright position, the aperture in said base being adapted to engage with a screw-threaded plug, whereby said pin terminal is made to contact with said plug when gripped by the fingers, substantially as set forth.

1,622,632. SPRING TERMINAL CLIP. ARCHIE P. FAHNESTOCK, Long Island City, N. Y. Original application filed June 6, 1923, Serial No. 643,715. Divided and this application filed Mar. 27, 1924. Serial No. 702,435. 1 Claim. (Cl. 173—259.)



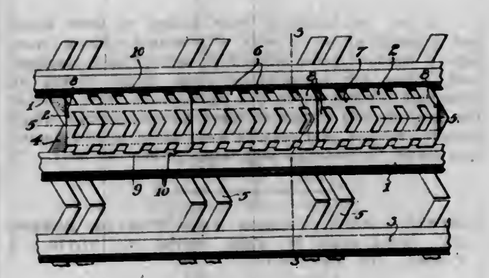
A clip adapted to receive an electrical conductor by single hand operation comprising a body portion, means on said body portion adapted to secure it to a base piece, spaced upstanding hook members at one end of the body portion, the other end of said body portion having formed thereon a back turned arm parallelly spaced therefrom and terminating with a hook member registering with said first hook members to grip the terminal of a conductor between them; said means including a tongue struck out from the body portion and bent to grip the edge of the base piece; an auxiliary securing device comprising a clamping element engaging said body portion and said base piece, said arm being provided with an aperture to give access to the clamping element, substantially as set forth.

1,622,633. SHAVING-CUP STAND. ANDREW FAIELLA, Jersey City, N. J. Filed Feb. 6, 1926. Serial No. 86,458. 3 Claims. (Cl. 126—43.)



1. A device of the class described comprising a ring-like base, a standard, the upper end of which is provided with a slot, a keeper detachably mounted in connection with the upper end of the standard and having a channel adapted to enter a slot in said standard, and a shelf member within a cup in spaced relation with the bottom thereof, a bracket therefor, and a single fastening means for the bracket and keeper.

1,622,634. GRATE BAR. JOHN J. FLEMING, Vineland, N. J. Filed June 18, 1925. Serial No. 37,919. 4 Claims. (Cl. 126—168.)

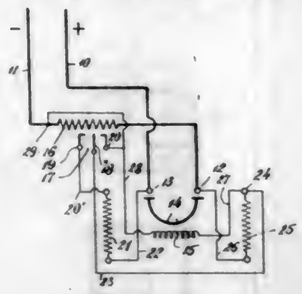


1. A grate structure including a plurality of grate bars arranged side by side, each consisting of longitudinal members, a series of transverse members, and a series of inclined extensions on the outer sides of the longitudinal members arranged to abut corresponding extensions on adjacent bars, in combination with a plurality of grate sections arranged in rows, one row being supported upon the transverse members of a grate bar and the adjacent row upon the extensions of adjacent bars.

1,622,635. ELECTRIC CONTROL DEVICE. EDWARD L. FONSECA, Newark, N. J., assignor to The Wilcolator Company, Newark, N. J., a Corporation of Delaware. Original application filed Aug. 6, 1925, Serial No. 48,501. Divided and this application filed Feb. 2, 1926. Serial No. 85,532. 14 Claims. (Cl. 219—20.)

1. An electric control mechanism for controlling the flow of current from a source of supply to an energy-consuming device, which comprises the combination of an electrically operated circuit closer for making and

breaking the circuit through the device, a circuit for closing the circuit closer, a switch for controlling the flow of current through this closing circuit, and a circuit



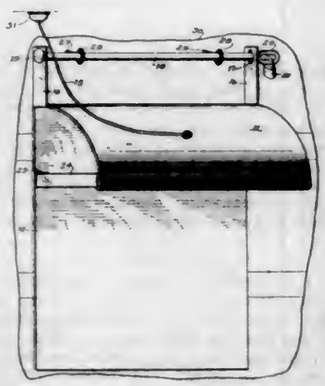
for maintaining the circuit closer in closed position, established through the circuit closer when the latter is closed.

1,622,636. TOY VEHICLE. MILTON FORCHHEIMER, Newark, N. J. Filed Nov. 24, 1926. Serial No. 150,450. 10 Claims. (Cl. 46—48.)



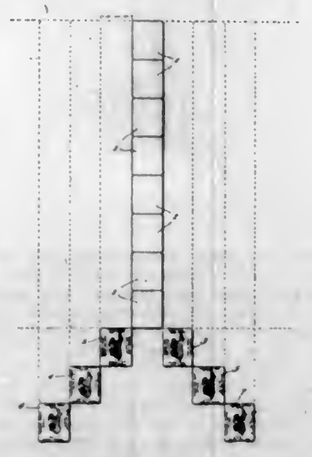
1. A toy car having a body formed of sheet metal and provided along its sides with spaced window openings, a window frame secured at each of said openings, each frame being formed of sheet metal having an outer flat portion which lies against the outer face of the car body and having an inner inclined portion which extends through said opening and means located behind said frame for securing said frame to the car body.

1,622,637. SIGN. CHARLES AMOS FORSYTH, Atlanta, Ga. Filed Sept. 21, 1925. Serial No. 57,770. 2 Claims. (Cl. 40—130.)



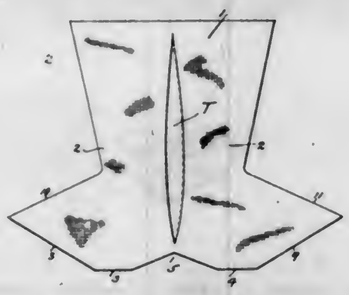
1. A sign comprising a signboard, a reflector mounting on said signboard and extending outwardly and downwardly therefrom, a brace connecting the opposite lower ends of said reflector and the signboard, said brace being integral with said reflector, said reflector being integral with said signboard, illuminating means mounted in the reflector, upstanding arms on said reflector and at the upper opposite ends thereof, and a suspension rod carried through said arms.

1,622,638. CARD GAME. KELMAN D. FROST, Swindon, England. Filed Sept. 29, 1926. Serial No. 138,545. 8 Claims. (Cl. 273—152.)



1. A game comprising a race course, entries individually movable along said course and marked to designate handicapped relation of each other when in initial positions, and means to indicate movements of the entries.

1,622,639. PROTECTOR. ELLA J. GILBERT, New York, N. Y. Filed Dec. 30, 1925. Serial No. 78,271. 1 Claim. (Cl. 36—2.)



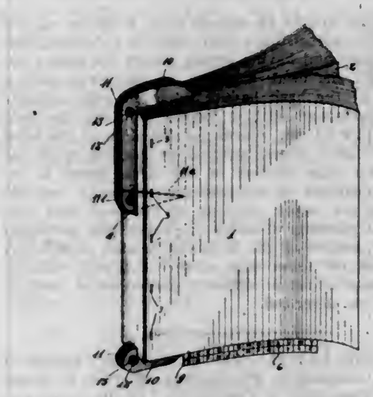
A garment of the class described, comprising a tubular one-piece member composed of flexible waterproof material having the opposed portions of its lower end joined to each other to provide a straight integral instep receiving portion, the material of the garment at each end of the instep-receiving portion being cut slightly on the bias to provide toe and heel receiving portions the sides of which are substantially straight and cooperate with the instep-receiving portion to draw the garment snugly about the arch of the foot and the edges of the toe and heel receiving openings into engagement with the shoe throughout the length.

1,622,640. TYPEWRITING MACHINE. GEORGE G. GOING, Middletown, Conn., assignor to Remington Noiseless Typewriter Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 28, 1925. Serial No. 53,101. 14 Claims. (Cl. 197—136.)



1. In a typewriting or like machine, the combination of a platen, a card clamp substantially coextensive with the length of the platen, and means for detachably connecting said card clamp to the face of the platen, said means comprising a locking projection on said clamp outwardly extending beyond one end of the platen when the clamp is in place, and two oppositely disposed spring-pressed catches carried by the platen and which are self-locking and positively engage said locking projection when the clamp is moved to effective position on the platen and positively prevent the detachment of the card clamp from the platen until said catches are hand released.

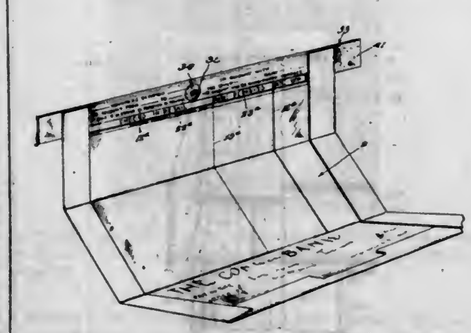
1,622,641. THUMB INDEX. FREDERICK P. GOBIN, Seattle, Wash., assignor of one-half to Horton S. Emerson, King County, Wash. Filed June 7, 1924. Serial No. 718,617. 14 Claims. (Cl. 129—15.)



1. An index made up of sheets having end extensions beyond the normal area of the sheets proper, the terminals of the extensions forming hooks to engage the rear edge of the book with which the index cooperates.

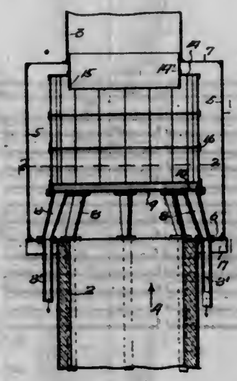
1,622,642. ACCOUNTING DEVICE. CHARLES R. HAST, San Antonio, Tex., assignor to Paul G. Villaret, San Antonio, Tex. Filed June 25, 1925. Serial No. 39,540. 6 Claims. (Cl. 283—66.)

1. An account statement sheet having indicia thereon for the entry of debits, credits, balances, and data relating to the account, the sheet, at one marginal portion having a space for the entry of the name and address of the customer or depositor, the sheet being weakened along lines parallel to said margin and extending inwardly from the contiguous margins, whereby, when the sheet is torn along said lines, the contiguous marginal portions may be folded inwardly as well as the marginal portion opposite the first mentioned marginal portion, and whereby projecting tabs will be provided at the ends of the first mentioned marginal portions adapted to be engaged about and secured to a portion of the sheet when the sheet is folded upon itself in the form of an envelope, and whereby the first



mentioned marginal portion which bears the name and address of the customer or depositor will be exposed at the exterior of the folded sheet.

1,622,643. CENTRIFUGAL DUST SEPARATOR. CHARLES GILBERT HAWLEY, Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio, a Corporation of Ohio. Filed May 4, 1925. Serial No. 27,835. 4 Claims. (Cl. 183—83.)

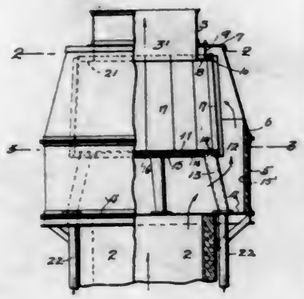


1. A vertical duct, in combination with a casing for receiving the gases therefrom, a centrifugal dust separating unit having an unobstructed central portion throughout the unit; positioned within said casing to in turn receive the gases from the outer parts of said unit, said unit and casing having a substantially common top containing the gas exit opening, and said unit being characterized by dust discharging means at its bottom.

1,622,644. CENTRIFUGAL DUST CATCHER. CHARLES GILBERT HAWLEY, Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio, a Corporation of Ohio. Filed May 4, 1925. Serial No. 27,836. 2 Claims. (Cl. 183—91.)

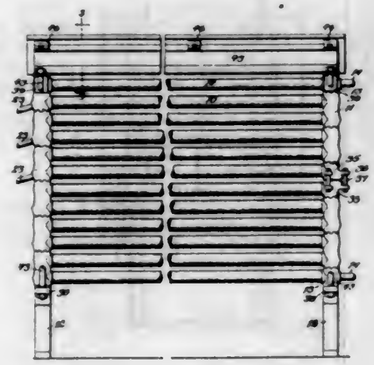
1. The herein described apparatus comprising a stack, in combination with a casing at the top thereof, a central

outlet at the top of said casing, an upright tangential tuyère comprising tuyère blades suspended from the top of said casing, a suitable tuyère bottom suspended above



the top of the stack within the casing, and means for discharging the collected substances from the periphery of said bottom.

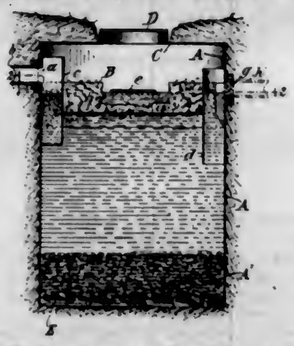
1,622,645. CONDENSER OR COOLER. NICOLAI H. HILLER and BROR F. SAFBERG, Carbondale, Pa., assignors to Carbondale Machine Company, Carbondale, Pa., a Corporation of Pennsylvania. Filed Feb. 11, 1924. Serial No. 691,927. 19 Claims. (Cl. 257—183.)



1. A zig zag conduit including a series of substantially parallel runs of pipe and return bends welded thereto and connecting said pipes in series, the upper and lower surfaces of said bends being imperforate and presenting irregularities adapted to interengage with complementary irregularities of the adjacent bend.

1,622,646. BACTERIAL SEWAGE TANK. LEONARD S. R. HOPKINS, New York, and HOWARD L. CORTHELL, Bronxville, N. Y., assignors to Bacterial Sewage Purification Company, New York, N. Y., a Corporation of New York. Filed May 13, 1926. Serial No. 108,809. 7 Claims. (Cl. 210—6.)

1. A sewage tank consisting of an upright vessel having at its upper part an annular gutter, an inlet to said vessel, an outlet conduit opening from the interior of the vessel and communicating with the gutter in the level



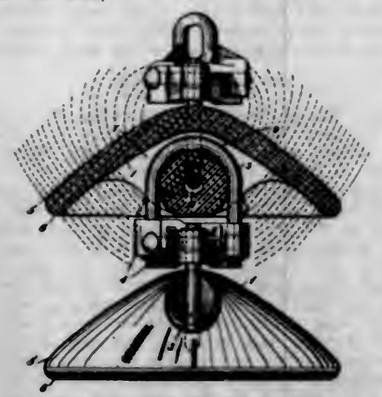
thereof to discharge sewage thereinto, and discharge openings from said gutter for discharging effluent around the tank.

1,622,647. HAIR-TRIMMING APPLIANCE. CARL W. JACKSON, Chicago, Ill. Filed Apr. 29, 1926. Serial No. 105,437. 3 Claims. (Cl. 132—45.)



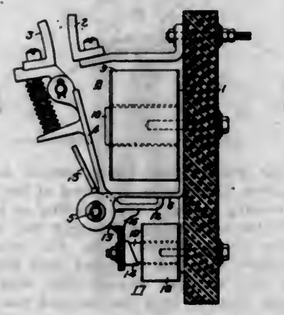
1. As a new article of manufacture a device of the class described comprising a skull cap for the upper portion of the head and having spring means for secure engagement with the head, a guard for the lower portion of the back of the head having its lower edge suitably formed to correspond with a desired trim line for hair trimming, a pair of side guards for the sides of the head having their lower edges, adapted to register with the adjacent lower edge portion of the back guard to establish continuations of the trim line aforesaid, suitable buttoners on the upper portions of the back and side guards, and a plurality of series of co-operating buttoners on the lower portion of the skull cap located at different distances from the lower edge of the skull cap, whereby the guards may be set at different elevations as desired, substantially as described.

1,622,648. INSULATOR. RAY P. JACKSON, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 3, 1921. Serial No. 474,728. 2 Claims. (Cl. 173—366.)



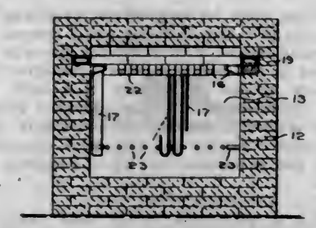
1. An insulator comprising an insulating member having a portion of substantially paraboloid shape, the inner and outer surfaces of which are spaced substantially the same distance throughout, entirely within the paraboloid contour, and a substantially spherical body portion, having a central opening and walls of uniform thickness.

1,622,649. SWITCH. HENRY D. JAMES, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 20, 1920. Serial No. 360,115. 4 Claims. (Cl. 200—94.)



1. The combination with a pair of relatively movable coacting contact members, of a movable magnetizable member operatively connected to one of the contact members, a winding adapted to normally exert a closing force on the magnetizable member, a second magnetizable member connected to the first named magnetizable member and movable relatively thereto, a winding adapted to normally exert a force on the second magnetizable member to restrain both members, and means automatically movable to reduce the reluctance of the magnetic circuit through the first named magnetizable member when the magnetic force exerted thereon exceeds the magnetic force exerted upon the said second magnetizable member.

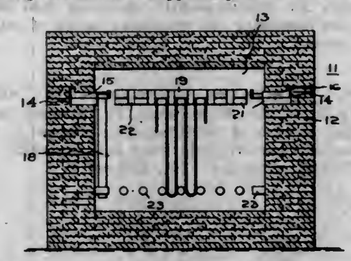
1,622,650. ELECTRIC FURNACE. ALVIN D. KEBNE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 24, 1925. Serial No. 25,614. 9 Claims. (Cl. 204—64.)



1. In an electric furnace, the combination with a wall of refractory material and a refractory resistor-supporting member located in said wall and having a portion projecting into the furnace, said resistor supporting member having a groove therein, of a locking means, interfitting with said groove, for holding said member in said wall.

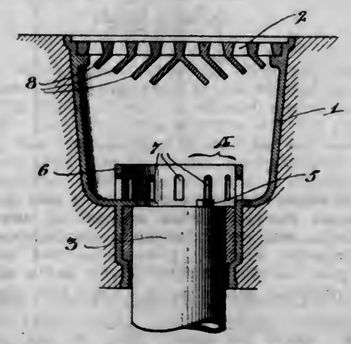
1,622,651. ELECTRIC FURNACE. ALVIN D. KEBNE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 24, 1925. Serial No. 25,615. 8 Claims. (Cl. 204—64.)

1. In an electric furnace, the combination with a furnace wall, a resistor-supporting member supported by said wall, and a resistor supported by said member, of means for holding said resistor-supporting member in its proper



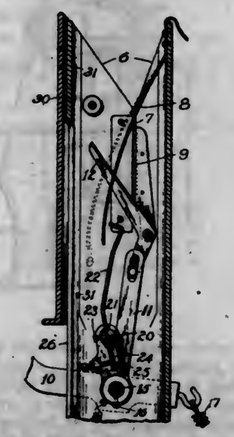
operative position in said wall, said holding means being prevented from longitudinal movement by said resistor member.

1,622,652. INLET BOX FOR DRAINS. GEORGE H. LANG, Philadelphia, Pa. Filed May 1, 1926. Serial No. 106,000. 4 Claims. (Cl. 182—31.)



1. An inlet box for drains including a box of larger diameter than the drain pipe, a grate adapted to be seated upon the box, and an inclined baffle depending from each grate bar and adapted to direct the flow of the incoming water toward the periphery of the box.

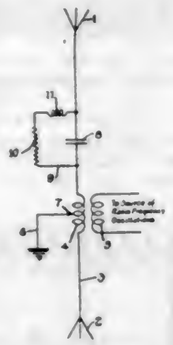
1,622,653. FLOATING-THREAD CUTTER. MORRIS LEISTER, Reading, Pa., assignor to Weinerth Knitting and Machine Company, Inc., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 8, 1926. Serial No. 146,973. 5 Claims. (Cl. 26—11.)



1. A float-thread cutter mechanism for tubular hosiery comprising a longitudinally slotted tubular member, shear-

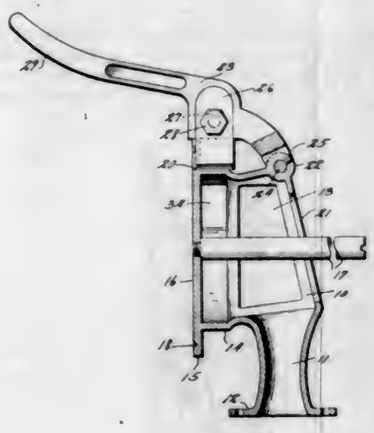
ing devices adjacent the slotted portions thereof, a float-thread tensioning member within said tubular member, and means for simultaneously operating said shearing devices and increasing the tensioning action of said float-thread member.

1,622,654. WIRELESS TRANSMISSION SYSTEM. DONALD G. LITTLE, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 20, 1922. Serial No. 576,178. 2 Claims. (Cl. 250—17.)



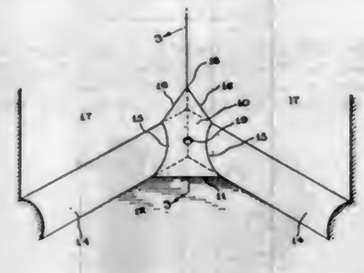
1. In a wireless transmission system, a pair of spaced antennæ, an electrical circuit conductively associating said antennæ, said circuit including a capacitive reactor and an inductive reactor, a ground connection extending from a point on said inductive reactor and a high impedance discharge path shunted around said capacitive reactor.

1,622,655. PACKING CUTTER. GEORGE E. LONG, Chattanooga, Tenn. Filed Aug. 5, 1926. Serial No. 127,389. 5 Claims. (Cl. 164—57.)



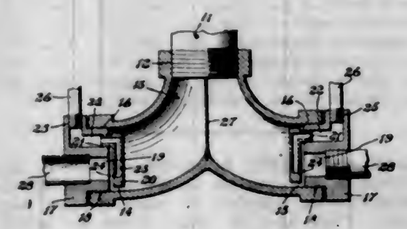
1. A packing cutter comprising a flanged guideway for the packing and having graduations, a stop adjustable along the guideway in accordance with said graduations, a knife operating across the guideway, and a spindle upon which a roll of packing may be mounted, the guideway having an aperture through which the packing may extend and be pulled out onto the face of the guideway.

1,622,656. CORNER PLATE. LAWRENCE C. MACDONALD, Alamosa, Colo. Filed May 24, 1926. Serial No. 111,454. 2 Claims. (Cl. 20—76.)



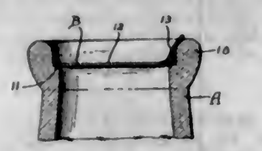
1. A corner guard plate whose surface is plane and of general arrow head shape, the head of the arrow comprising converging straight lines meeting at an apex, the edge opposite the head being a straight line, and the connecting edges being curved lines, the straight edges forming contacts with the floor and wall plane surfaces of a corner of a room or compartment, and the curved edges forming contacts with the rounded base shoes situated at the meeting lines of the floor and walls.

1,622,657. SAND VALVE FOR LOCOMOTIVES. SNOW FREEMAN MACDONALD, Isle Maligne, Quebec, Canada. Filed Sept. 25, 1925. Serial No. 58,658. 2 Claims. (Cl. 291—11.)



1. A sanding valve for locomotives comprising a valve with an intake port and discharge ports, closures for the discharge ports formed with restricted openings therein, a passageway in the closure member communicating with the periphery thereof, a suitably bent baffle member adapted to communicate with the aforesaid passageway and having an opening therein registering with the opening in the closure member and means for supplying compressed air and compressed air pipes connected to said passageway.

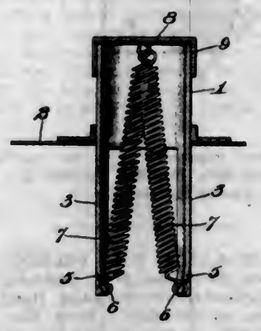
1,622,658. BOTTLE STOPPER. WILBUR G. MCBURNEY, Altoona, Pa. Filed Dec. 16, 1925. Serial No. 75,815. 3 Claims. (Cl. 215—51.)



1. A bottle stopper comprising a disc shaped body provided with an integrally formed upwardly struck tab having the base of the outer face thereof conforming

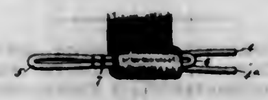
to the circumferential edge of the body portion and having the side edges of the tab merging in fillets into the upper face of the body portion wholly within the circumferential edge of the disc.

1,622,659. FILLER CAP. PATRICK E. MALONE, Kellogg, Idaho. Filed Nov. 29, 1924. Serial No. 752,907. 2 Claims. (Cl. 220—86.)



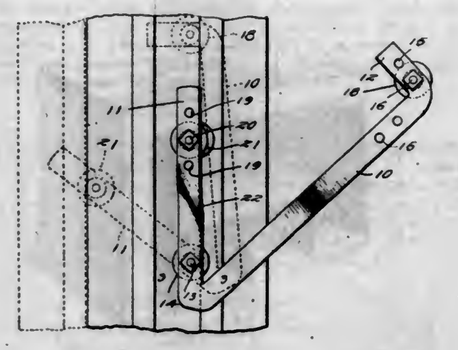
1. A device of the class described comprising, in combination, a tubular member adapted to be inserted through and supported by a wall of a container, the inserted end of the member being open at all times and provided at diametrically opposed points with elongated arms, a slip cap adapted to be engaged over the outer end of the tubular member, the outer end portions of the arms being provided with inwardly disposed tongues, and retractible members connected to said tongues and to substantially the axial center of the cap.

1,622,660. HAIR CURLER. MILTON D. MESEROLE, Milford, Conn., assignor to The Hayes-Meserole Manufacturing Co., Inc., Milford, Conn., a Corporation of Connecticut. Filed July 12, 1924. Serial No. 725,579. 1 Claim. (Cl. 132—43.)



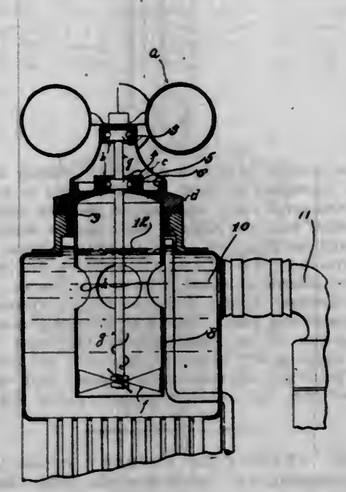
A unitary hair curler comprising a solid body, a tongue, a plurality of legs, a rear end constituting a continuation of the legs, said body, legs and rear end being normally in the same plane, and the tongue lying normally substantially parallel to the body and leg portions and secured to the body inside of the ends thereof and to one side of the transverse center line thereof; said body, tongue and ends being made of fabric covered flexible material and being bendable in all directions, fastening means fixing one end of the tongue to the body and forming with the body means to hold the end of the hair between them, the middle portion of the tongue being covered by the hair as winding proceeds and the extreme end of the tongue during the winding of the hair projecting fully beyond the curled hair and affording means to depress the tongue in order to retain the end of the hair between said tongue and the body thereof.

1,622,661. TIRE SPREADER. WILLIAM A. MIELKE, Bancroft, Nebr. Filed July 15, 1926. Serial No. 122,645. 4 Claims. (Cl. 152—27.)



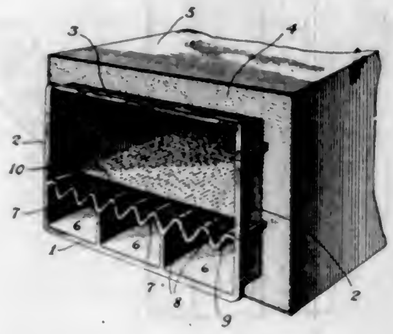
2. A tire spreader comprising short and long arms arranged at an acute angle to one another and rigidly connected, the long arm being arcuately curved to approximate the curvature of the bead face of a tire, pivots projecting from corresponding faces of the free ends of the long and short arms, a further pivot mounted adjacent the connection between the arms and at the same side of the arms and rollers mounted upon said pivots for engagement with the beads of the tire, the first named pivots being adjustable longitudinally of the arms.

1,622,662. DRAFT-ACTUATED CIRCULATING PUMP AND INDICATOR. ABRAM MOSES, Baltimore, Md. Filed Mar. 26, 1926. Serial No. 97,486. 6 Claims. (Cl. 123—175.)



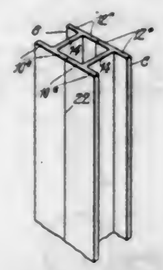
1. The combination of a draft operated wheel, a shaft carrying the wheel, a motor vehicle radiator cap having a bearing for the shaft, the shaft extending downward from the cap and having projecting blades below the cap for circulating cooling fluid.

1,622,663. APPARATUS FOR ANNEALING GLASSWARE. VERGIL MULHOLLAND, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Sept. 29, 1925. Serial No. 59,319. 7 Claims. (Cl. 49—47.)



1. Apparatus for annealing glassware comprising a tunnel having a ribbed floor, and a conveyor extending through said tunnel and supported by the ribs of said floor.

1,622,664. HOLLOW STRUCTURE AND METHOD OF MAKING THE SAME. THOMAS E. MURRAY and THOMAS E. MURRAY, Jr., Brooklyn, N. Y. Filed Apr. 21, 1923. Serial No. 633,611. 4 Claims. (Cl. 29—148.2.)

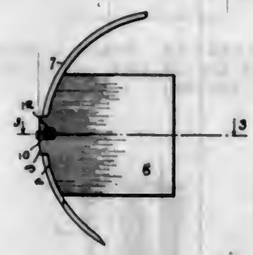


1. The method of making a multiple cellular structure for the circulation of fluids, which consists in arranging rolled structural steel H-shapes or the like adjacent to one another with the edges of their flanges abutting and electrically welding such edges together to form a fluid-tight structure with adjacent cells which are separated from one another by single webs of said shapes.

3. A multiple cellular structure for the circulation of fluids comprising rolled structural steel H-shapes or the like adjacent to one another with the edges of their flanges abutting and integrally united to one another to form a fluid-tight structure with adjacent cells which are separated from one another by single webs of said shapes.

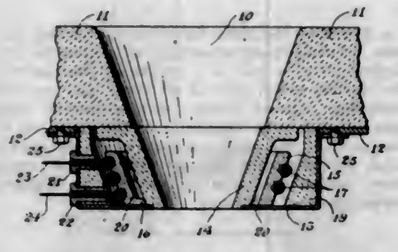
1,622,665. CULTIVATOR FENDER. GEORGE E. NIX, Phil Campbell, Ala. Filed Sept. 23, 1925. Serial No. 58,183. 2 Claims. (Cl. 97—188.)

1. A cultivator shield comprising a plate having means at its rear vertical edge for slidably associating the same with a cultivator tooth, and means engageable with the cultivator tooth for releasably securing the plate in any desired position relative to the tooth, the means for slidably associating the plate with the tooth comprising lateral tongues rigid with the plate and engageable with the forward and rear surfaces of the said tooth, and the means for securing the plate in adjusted position embodying a bolt slidable through the plate and having a



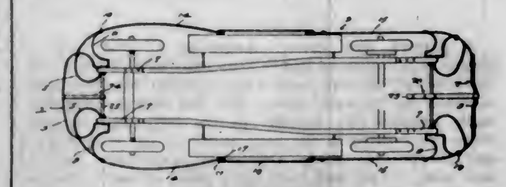
hook on one end engageable with the cultivator tooth, said bolt having nuts threaded thereon and engageable with the outer side of the plate.

1,622,666. APPARATUS FOR FEEDING MOLTEN GLASS. KARL E. PEILER, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Mar. 31, 1925. Serial No. 19,567. 11 Claims. (Cl. 49—55.)



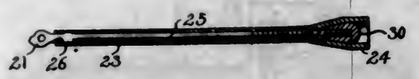
6. The combination with a receptacle for molten glass having a discharge nozzle, of a removable heater unit comprising a refractory support surrounding said nozzle and spaced therefrom, electrical heating means mounted on said support, and a casing surrounding said support, the said casing being detachable to permit removal of said heater unit.

1,622,667. COMBINATION BUMPER AND FENDER. THOMAS C. PHALIN, Connellsville, Pa. Filed Oct. 26, 1926. Serial No. 144,285. 5 Claims. (Cl. 293—55.)



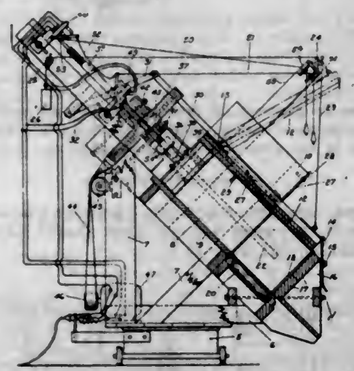
1. In a structure of the class described, front and rear bumpers including main and supplemental sections, means for attaching said bumpers to an automobile chassis, keepers adapted to be connected with the running boards of the automobile, and swingably mounted side fenders connected with the respective bumpers, and cooperable at their inner ends with said keepers.

1,622,668. OPHTHALMIC MOUNTING. LAWRENCE POETON and FRANK A. MOREY, Southbridge, Mass., assignors to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Nov. 6, 1924. Serial No. 748,157. 4 Claims. (Cl. 88—52.)



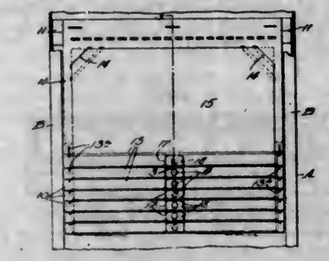
1. A spectacle temple comprising a nonmetallic tube provided with a helical grove intermediate its ends, the rear ungrooved extremity of the tube being expanded to a larger cross sectional area, a shape retaining plug secured in the expanded extremity, and a metallic cord extending through the tube, said core having a flexible portion substantially coextensive with the helical groove.

1,622,669. PACKING PRESS. WILLIAM G. PRICE, Yakima, Wash. Filed Aug. 6, 1924. Serial No. 730,440. 5 Claims. (Cl. 100—57.)



1. Pressing apparatus comprising a chute, means adjacent to the lower end of the chute for supporting a container, a pivoted member for bracing one side of said container against internal pressure, a brace member for another side of said container, means for raising said pivoted member to a position to serve as portion of a hopper through which the chute may be fed, and connections whereby said movement withdraws said brace member to inoperative position.

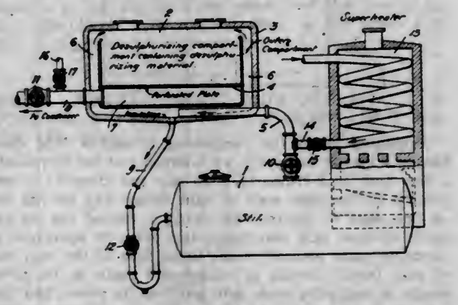
1,622,670. CARD INDEX DEVICE. JAMES H. RAND, Jr., Tonawanda, N. Y., assignor to Rand Kardex Bureau, Inc., Tonawanda, N. Y., a Corporation of Delaware. Filed Apr. 14, 1923. Serial No. 632,179. 6 Claims. (Cl. 129—16.)



1. In an index device, the combination of a card holder having means for attachment to a support, and parts for releasably holding a card on one side thereof, said holder having an opening therein whereby a portion of said card at one side of said holder may be viewed from the opposite side of the holder without moving said holder.

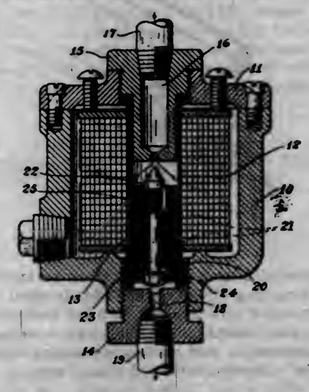
3. In an index device, the combination of a plurality of separate index cards, and means for releasably attaching said cards to a support, said cards being arranged in pairs, the cards of each pair being in substantially coincident superposition, the upper card of each pair having an opening in a portion thereof, whereby the presence of the card therebeneath may be noted without lifting the upper card or moving said attaching means.

1,622,671. METHOD OF REACTIVATING DESULPHURIZING AGENTS FOR HYDROCARBON OILS. JAMES B. RATHER, Brooklyn, and FREDERICK S. SHEPARD, New Rochelle, N. Y., assignors to Standard Oil Company of New York, New York, N. Y., a Corporation of New York. Filed April 16, 1924, Serial No. 706,858. Renewed Aug. 12, 1926. 5 Claims. (Cl. 252—2.)



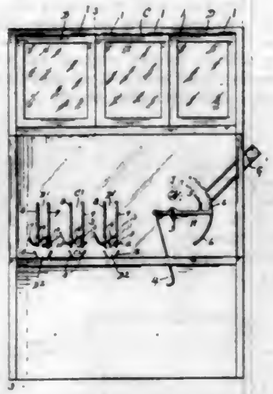
1. The process of desulphurizing metallic sulphides carrying oil, which includes removing the oil from the sulphides without burning the oil, and then converting the metallic sulphides to metallic oxides.

1,622,672. MAGNETICALLY-CONTROLLED FLUID VALVE. WARD RAYMOND, Easton, Pa., assignor to Pennsylvania Pump & Compressor Company, Easton, Pa., a Corporation of Pennsylvania. Filed May 3, 1926. Serial No. 106,302. 5 Claims. (Cl. 137—139.)



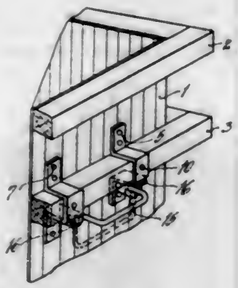
3. A magnetically controlled valve comprising in combination, a body member, an electro-magnetic coil therein, a tube within said coil, caps closing the ends of said tube and having openings therethrough, a fluid conduit directly connected to said tube and caps, an armature within said tube, and a valve resiliently mounted on said armature whereby movement of said armature will move said valve to its open and closed position.

1,622,673. GAMING APPARATUS. CHARLES H. REILLEY, Salt Lake City, Utah. Filed Mar. 8, 1926. Serial No. 93,067. 1 Claim. (Cl. 273—138.)



A gaming apparatus comprising a narrow thin frame having a glazed side wall; an inclined slot for introducing a coin into said frame through one end thereof; a lever pivoted to the rear wall of said frame and having lugs on one edge to receive said coin; a curved lug on said lever to close said slot when said lever is operated; an eccentric plate pivoted to the inner face of the rear wall of said frame; means to rotate said plate on its pivot; means to manually move said lever on its pivot; and slots into which a coin may be thrown from its position on said lever.

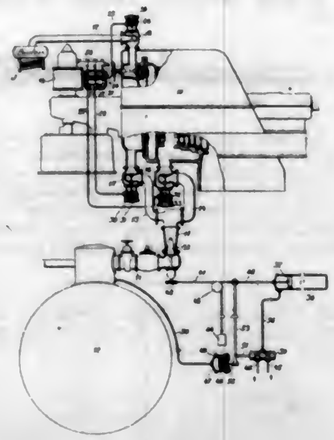
1,622,674. HANDLE FOR SHIPPING BASKETS. FRANK A. REISS, Medimont, Idaho. Filed May 10, 1926. Serial No. 108,117. 1 Claim. (Cl. 217—125.)



The combination with a basket having an exterior cleat, of spaced attaching straps, bow plates integral with said straps, perforated ears integral with the respective straps and plates and located below the cleat, a swinging loop handle supported in said ears, and angular stop ends on said loop for co-action with said bow plates.

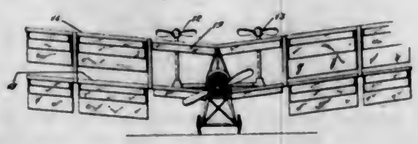
1,622,675. STEAM PLANT. JOHANNES RUTHS, Djursholm, Sweden, assignor to Aktiebolaget Vaporackumulator, Stockholm, Sweden, a Corporation of Sweden. Filed Apr. 13, 1925, Serial No. 22,896, and in Germany May 21, 1924. 6 Claims. (Cl. 60—43.)

1. In a steam plant, in combination, a steam generator, a motor, means to conduct steam from said generator to said motor, a steam accumulator normally operating under relatively great variations of pressure, a passage for steam from said accumulator to said motor, a valve in said passage and control means for said valve operating in



response to changes of pressure in the accumulator to change the area of flow through said valve in inverse proportion to the pressure in the accumulator.

1,622,676. FLYING MACHINE. ACHILLE SARTINI, New York, N. Y. Filed Nov. 18, 1925. Serial No. 69,891. 15 Claims. (Cl. 244—15.)



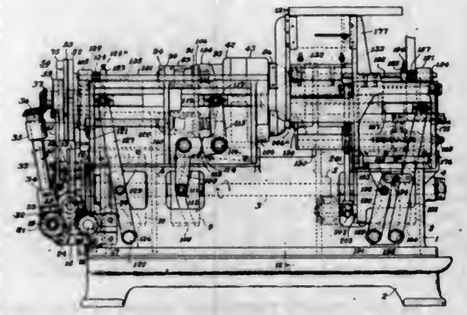
1. In a flying machine, the combination with a body, of a supporting wing structure therefor, said wing structure comprising a frame and a plurality of plane sections in front to rear serial arrangement at each side of said body, pivotally mounted on said frame transversely of the longitudinal axis of said body, and elastic retaining members for said sections tending to maintain said sections in a downwardly directed position from their respective pivotal points of attachment.

1,622,677. CONTROL APPARATUS. SAMUEL B. SCHENCK, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 11, 1923. Serial No. 667,925. 16 Claims. (Cl. 177—311.)



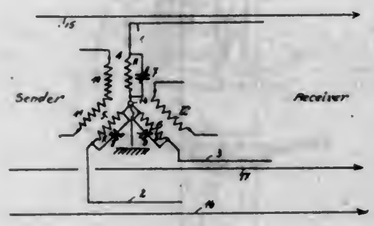
1. A control system for vehicles comprising a warning signal, a door, and means, operable upon a predetermined weight being placed in said vehicle for operating said signal and for closing said door.

1,622,678. CENTERING MACHINE. CARL SCHRAMM, West Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Feb. 8, 1924. Serial No. 691,400. 15 Claims. (Cl. 77—5.)



2. In a machine tool for centering blanks, the combination with a rotating roughing drill, a rotating finishing drill, and a turret carrying a plurality of blanks, of automatic means for loading and unloading the blanks, automatic means for indexing the turret, automatic means for moving the drills into engagement with the blanks, and means for so advancing the drills as to effect a yielding engagement with the blanks.

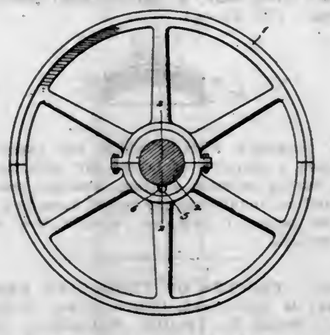
1,622,679. ARRANGEMENT OF CONNECTIONS FOR SENDING AND RECEIVING ELECTRIC WAVES. CARL SCHWARZ, Charlottenburg, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 31, 1921, Serial No. 511,831, and in Germany May 26, 1921. 4 Claims. (Cl. 177—352.)



4. In a signaling system, two stations, a sending device and a receiving device at each station, a line including a plurality of conductors between said stations, means for establishing a balanced relation at each station whereby the signals sent by the sending device at that station will be without effect on the receiving device at the same station, and one of the conductors being so arranged that signaling frequency energy is attenuated more therein than in certain of the other conductors, whereby the balancing means at one station will not prevent the sending means there from affecting the receiving device at the other station.

1,622,680. LOCKING DEVICE FOR PULLEYS. LOUIS SHAUB and OSCAR I. FARRINGTON, Salem, Mass. Filed Sept. 23, 1925. Serial No. 58,177. 1 Claim. (Cl. 287—52.)

The combination with a shaft and a pulley thereon having a U-shaped groove extending throughout the length of the wall of the opening through which the shaft passes to form a keyway of a depth less than its width, of a key of uniform oval cross sectional outline throughout and



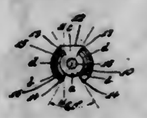
insertable in the keyway from either end and having its minor and major axis corresponding to the depth and width of the key way, respectively.

1,622,681. BRAKE. EDWARD SLADE, New York, N. Y. Filed Apr. 16, 1925. Serial No. 23,445. 18 Claims. (Cl. 188—249.)



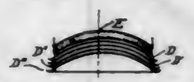
9. The method of forming a braking element which includes a lining and a backing consisting in forcing stitches into the lining from the backing and depressing portions of the backing to house portions of the stitches, and clinching the ends of the stitches in the lining.

1,622,682. PAPER CLIP. CHARLES W. SPONSEL, Wethersfield, Conn. Filed Mar. 26, 1924. Serial No. 701,977. 2 Claims. (Cl. 24—259.)



1. A paper clip having a central circular portion adapted to lie against one side of superposed sheets of paper, a narrow neck extending upwardly from the upper edge of the central portion, and a pair of arcuate arms carried at one end by the neck for engagement against the opposite side of said superposed sheets of paper, said arcuate arms extending downwardly from said neck in spaced relation to the opposite edges of the central circular portion and terminating at their lower ends in widely spaced apart relation to provide a space through which the sheets of paper may be introduced against the lower ends of the central circular portion.

1,622,683. METALLIC LAYER FOR UPPER DENTURES. WILLIAM MONELL STANBROUGH, Newburgh, N. Y. Filed May 1, 1925. Serial No. 27,161. 8 Claims. (Cl. 32—4.)

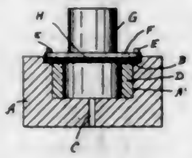


1. A composite metallic sheet for upper dentures, comprising a plurality of layers cut from metallic foil, having curved anterior portions, straight posterior portions, and an angular slotted cutout extending from midway the posterior portions towards the curved anterior portion.

1,622,684. PROCESS OF PRODUCING FERTILIZER. ALBERT G. STILLWELL, Coscob, Conn. Filed Oct. 21, 1924. Serial No. 745,013. 9 Claims. (Cl. 71—9.)

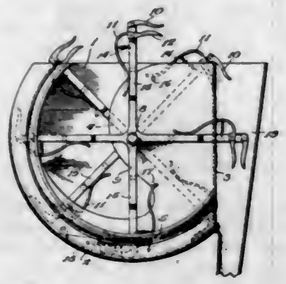
1. The method of producing a fertilizer material, which consists in mixing waste water containing a fertilizer constituent with calcium acid phosphate to form a mechanical mixture, and dehydrating the mixture.

1,622,685. APPARATUS FOR MAKING PACKING CUPS. BENJAMAN STOLTZ and DAVID A. LILLIE, Montpelier, Ind. Filed Apr. 22, 1926. Serial No. 103,814. 5 Claims. (Cl. 18—34.)



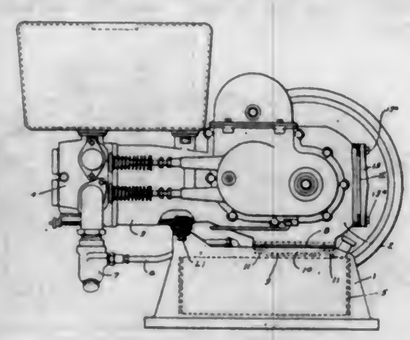
1. An apparatus of the kind described, comprising a chuck block having a circular well shaped bore, a machined circular sleeve to rest free in said bore, a guide member having central bore concentric with and of diameter less than the inner diameter of the sleeve, said guide member being adapted to rest at removable position centrally above the said sleeve, and a pressure head adapted to be passed through the said guide member and lowered into said well.

1,622,686. POTATO FEEDER. BAINBRIDGE P. SUTHERLAND, Del Norte, Colo. Filed Dec. 21, 1925. Serial No. 76,799. 2 Claims. (Cl. 221—127.)



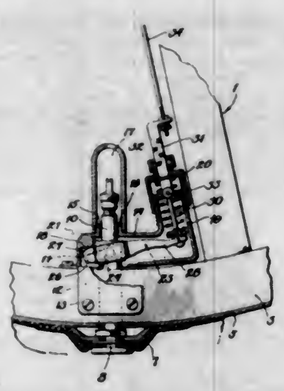
1. In a potato planter, the combination of a hopper, arms provided to travel through the hopper and having an offset, fixed and pivoted jaws at the ends of the arms, the pivoted jaws having levers extending across the spaces of the arms provided by the offset portions thereof, and trips disposed in the path of the levers and the said spaces of the arms.

1,622,687. INTERNAL-COMBUSTION ENGINE. OTTO E. SZEKELY, Moline, Ill. Filed Nov. 12, 1925. Serial No. 68,702. 4 Claims. (Cl. 123—195.)



1. In an internal combustion engine, a crank-shaft casing, and fixed base therefor, provided in its upper part with a lubricant container, and adapted to hold said casing in a horizontal position, one of the ends of said casing being fitted for mounting in a vertical position.

1,622,688. AUTOMATIC TIRE GAUGE. LEWIS O. VAN RIPER, Seattle, Wash. Filed Oct. 13, 1922. Serial No. 594,349. 1 Claim. (Cl. 152—11.5.)

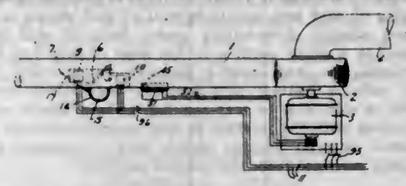


A tire pressure indicator, including a housing secured to the felly of a wheel and having the valve stem of a pneumatic tire projecting through aligned openings therein, a lever having a pivotal connection with the valve stem and fulcrumed at one end in the housing, a spring interposed between the other end of the lever and the housing normally under compression and acting to push the valve stem outwardly, and indicating means operated by the lever and controlled by the air pressure in the tire through the axial movement of the valve stem for indicating the pressure in the tire.

1,622,689. FLUID-PRESSURE REGULATOR. FLOYD H. VIETS, Alhambra, Calif., assignor to International Precipitation Company, Los Angeles, Calif., a Corporation of California. Filed July 6, 1925. Serial No. 41,630. 8 Claims. (Cl. 230—24.)

1. An apparatus for fluid pressure regulation comprising in combination with means defining a fluid passage, fluid moving means adapted to produce flow of fluid in said passage, variable speed driving means for

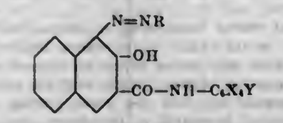
said fluid moving means, a flow controlling device situated in said passage, a regulating device operatively connected to said flow controlling device and provided with control means connected to said passage so as to be



responsive to variations in pressure therein, speed controlling means for said variable speed driving means and means operatively connected to said flow controlling means for controlling the operation of said speed controlling means, whereby movement of such flow controlling means beyond a prescribed position is adapted to cause operation of said speed controlling means.

1,622,690. MANUFACTURE OF AZO DYESTUFFS DERIVED FROM 2-HYDROXYNAPHTHALENE-3-CARBOXYLIC-ACID-ARYLAMIDES. HERMANN WAGNER, Hochst-on-the-Main, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Filed Mar. 17, 1922. Serial No. 544,613. 2 Claims. (Cl. 260—95.)

1. As new products the azo dyestuffs of the general formula:



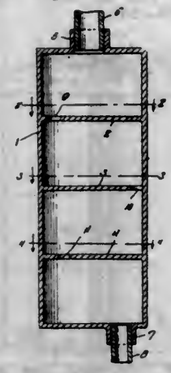
wherein R may be any mononuclear aromatic residue, X may be hydrogen, halogen or any substituent, Y is a methyl group in ortho position to the nitrogen.

1,622,691. TACKLING DUMMY. GLENN S. WARNER, Palo Alto, Calif., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed Sept. 17, 1926. Serial No. 136,078. 6 Claims. (Cl. 273—55.)



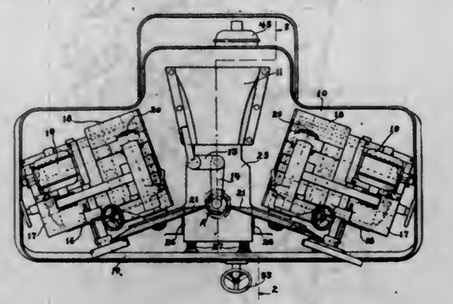
1. In a tackling dummy, a supporting structure, a block carried thereby, a dummy, a rope secured to the dummy and passing over the block, a weight carried by the block and secured to the other end of the rope, for returning the dummy to normal position, and means for passing the rope end between the block and the dummy through the weight.

1,622,692. EXHAUST MUFFLER. ALBERT GEORGE WENDLING, Kitchener, Ontario, Canada. Filed May 12, 1926. Serial No. 108,579. 1 Claim. (Cl. 137—160.)



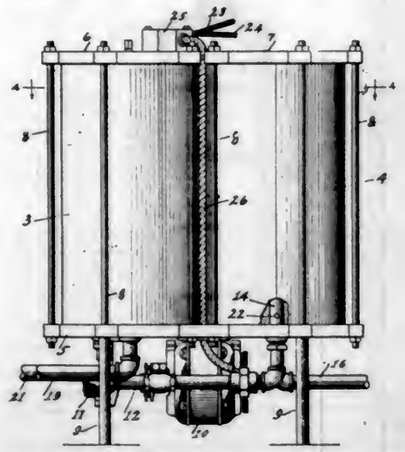
In a muffler of the class described, a closed cylindrical shell, an inlet pipe attaching nipple associated with one end of said shell and arranged centrally of said end, an exhaust pipe attaching nipple associated with the opposite end of the closed shell and arranged adjacent the edge portion thereof, central and end partitions arranged transversely within the shell and being cast integrally therewith for dividing the shell into a plurality of compartments, the partition adjacent the inlet being formed with a series of exhaust apertures adjacent its edge, the central partition being formed with a series of exhaust apertures at a point diametrically opposite the aforementioned exhaust apertures, the other end partition which is disposed adjacent the outlet having a series of exhaust apertures formed therein adjacent its edge, the same being arranged at a point diametrically opposite the second mentioned series of exhaust apertures, the apertures of the several partitions decreasing in area toward the discharge end of the shell.

1,622,693. GEAR-TOOTH GRINDER. ARTHUR L. WILDER, Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 2, 1923. Serial No. 655,305. 11 Claims. (Cl. 57—52.)



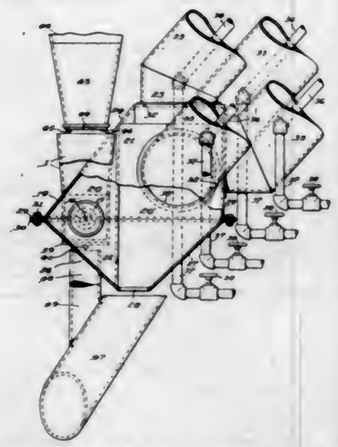
1. A machine for generating tooth curves of gears comprising in combination, a base, a cutting wheel thereon, a work supporting spindle adapted to be moved to any position while its axis is retained in parallel positions, a cam adapted to impart a four-way motion to one end of an arm, means to rotate said cam; means positioned at an intermediate point of said arm adapted to engage said work spindle, and means to rotate said spindle simultaneously with its motion induced by said cam.

1,622,694. PUMPING UNIT. WALTER W. WILLIAMS, Bloomington, Ill., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill., a Corporation of Illinois. Filed July 25, 1925. Serial No. 45,978. 3 Claims. (Cl. 103—26.)



1. A pumping unit for transporting and delivering liquid comprising two enclosed chambers, a pumping element connected on opposite sides to the respective chambers, pipes in each chamber from the pumping element extending adjacent the tops of said chambers, an intake pipe from the source of liquid leading into the chamber communicating with the intake side of the pumping element extending adjacent the top of said chamber and a delivery pipe leading from adjacent the bottom of the other chamber, the pipe leading to the intake of the pumping element provided with an opening adjacent the bottom on the interior of that chamber whereby the liquid is allowed to pass into the pumping element and form a liquid seal therefor.

1,622,695. IMPACT PULVERIZER. ALFRED B. WILLOUGHBY, Philadelphia, Pa. Filed Jan. 31, 1925. Serial No. 5,927. 6 Claims. (Cl. 83—46.)



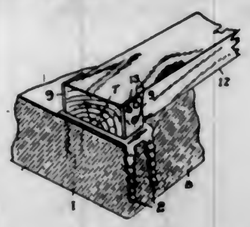
1. In an impact pulverizer in which two alined and opposed streams of material to be pulverized are discharged against each other impelled by jets of superheated steam under high temperature, pressure and velocity whereby the impact of the pieces against each other reduce them to a powder, the combination of a casing, forming an impact chamber and enclosing said jets and having an opening through the bottom thereof, below and offset horizontally from the vertical passing through the axes of said jets, a bottom wall of said casing being inclined sharply downwardly under both of said jets, disposed in a plane parallel to the axes of said jets and terminating in said opening whereby unpulverized material striking against said inclined wall slides downwardly on said wall to said opening, and an ejector communicating with the interior of said casing to remove the powdered material floating therein and to separate said powdered material from the heavier particles.

1,622,696. INLET VALVE FOR TOILET-FLUSHING MECHANISM. CHARLES ARTHUR WULF, Indianapolis, Ind., assignor to American Valve and Enameling Corporation, Indianapolis, Ind., a Corporation of Indiana. Filed Aug. 20, 1925. Serial No. 51,296. 2 Claims. (Cl. 137—104.)



1. An inlet valve comprising a nozzle having a delivery orifice in its end, a valve sleeve telescoped thereover, the nozzle and sleeve being so formed as to produce a fluid passage between them, and the sleeve having a portion adapted to close the nozzle orifice, a toothed operating element journaled in the sleeve, and teeth carried by the nozzle and meshing with the operating element whereby the sleeve and nozzle may be relatively shifted axially to open and close the orifice.

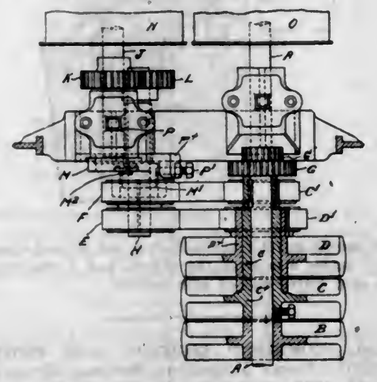
1,622,697. FLOOR CLIP. ROBERT W. BAILY, Pittsburgh, Pa. Filed Apr. 7, 1924. Serial No. 704,729. 2 Claims. (Cl. 72—101.)



1. A floor clip or the like comprising a single piece of sheet metal having at opposite ends tongues bent at an angle from the portion of the clip connecting the tongues, and also having between the said ends a pair of tongues normally in the plane of the said portion of the clip and enclosed thereby and adapted to be bent from said plane to receive between them a nailing strip after the clip has been placed in use with the first tongues inserted in a cement body.

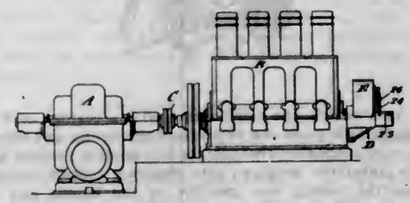
1,622,698. DRIVING MECHANISM FOR SPINNING, DOUBLING, AND THE LIKE MACHINES. JOHN GEORGE BARKE, Stockport, and FREDERIC HARDMAN, Bramhall, England. Filed Jan. 31, 1923. Serial No. 616,009. 2 Claims. (Cl. 74—21.)

1. In a machine of the class described, the combination of a pair of shafts disposed in parallelism, a pair of driving pulleys carried by one of said shafts, one secured to the shaft for rotation therewith and the other rotatable independently of the shaft, a pair of intermediate pulleys also carried by said shaft one for rotation by the fast driving pulley and the other for rotation by the loose driving pulley, one of said intermediate pulleys being of larger diameter than the other, a compensating shaft disposed between said pairs of shafts and in parallelism therewith, said compensating shaft being mounted in a



movable bearing thereby to permit variation of the distance between it and the pulley-carrying shaft, a pair of pulleys of equal diameter secured to the compensating shaft each in alinement with one of said intermediate pulleys, belts connecting the pulleys on the compensating shaft with said intermediate pulleys, and gearing between said compensating shaft and the other shaft of the pair for transmitting motion to the latter.

1,622,699. OIL-ENGINE-DRIVEN CENTRIFUGAL AND SIMILAR PUMP. PHILLIPS P. BOURNE, Winchester, Mass., assignor to Worthington Pump & Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Nov. 13, 1923. Serial No. 674,437. 3 Claims. (Cl. 123—140.)



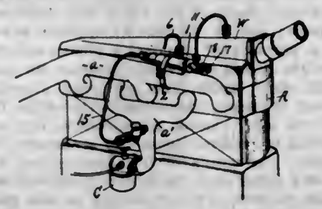
1. A fuel feeding device for internal combustion engines comprising a fuel pump, a fuel by-pass valve, means for operating the fuel by-pass valve including a fuel control shaft determining the point and duration of the opening of said fuel by-pass valve, a governor connected to the fuel control shaft, and an adjustable stop coacting with the fuel control shaft to provide an adjustably fixed maximum fuel limit to the fuel increasing movement of the fuel control shaft.

1,622,700. CURTAIN-ROD BRACKET. JAMES H. BOYE, Chicago, Ill., assignor to James H. Boye Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed June 5, 1926. Serial No. 113,846. 5 Claims. (Cl. 156—22.)

1. A supporting bracket for a plurality of curtain rods, comprising a plurality of bracket arms hinged to each other to swing in a vertical plane and provided respectively with rod-engaging seats at their forward ends disposed one in front of another in the lowered position of said arms.

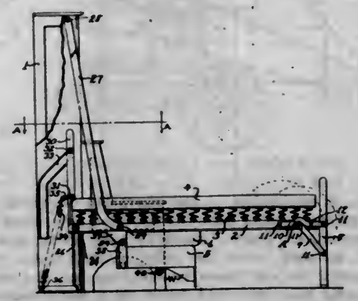


1,622,701. MIXING DEVICE FOR INTERNAL-COMBUSTION ENGINES. FRANCIS A. BREWER, Eastwood, N. Y. Filed Jan. 3, 1925. Serial No. 399. 2 Claims. (Cl. 123—25.)



1. A moisture and air mixing device for internal combustion engines, comprising a horizontally extending valve-case having a lengthwise mixing chamber provided with co-axial end ports and an intermediate restricted air inlet constantly open to the atmosphere, means for connecting one of said ports to a source of moisture supply, means for connecting the other port to the fuel intake manifold of the engine for producing suction in the mixing chamber, a valve extending lengthwise of and within the mixing chamber co-axial with said ports and controlling the moisture inlet port independently of the suction port and air inlet, said valve being adapted to be opened by suction toward the suction port, and a spring for closing said valve when the suction ceases.

1,622,702. COMBINED FOLDING BED AND COUCH. WILLIAM W. BROWN, Arkansas City, Kans. Filed May 10, 1924. Serial No. 712,331. 2 Claims. (Cl. 5—167.)



1. In a folding bed and couch, a vertical cabinet, bars pivotally connected at the top of said cabinet, channels in the side walls of said cabinet, a leaf spring positioned in said channels, a bed frame supported by said bars and pivotally connected thereto a spaced distance from the end of said frame adjacent to said cabinet, a counter balance spring, said spring attached to the base of said cabinet and to the end of said bed frame, rollers on the end of said bed frame slidably engaging in said slots and adapted to rest on the end of said leaf springs functioning as resisting means for said counter balance spring

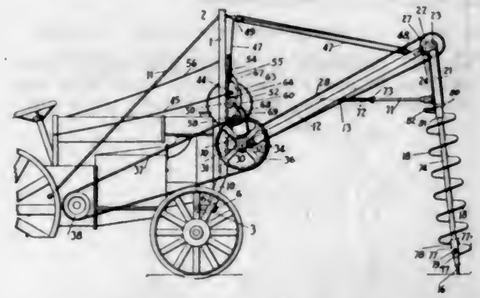
when said frame is transversely positioned to said cabinet, means operable from the foot of the bed for disengaging said leaf springs from said rollers prior to folding the bed in the cabinet.

1,622,703. DEPHLEGMATOR. JULIAN A. CAMPBELL, Long Beach, Calif. Filed July 30, 1925. Serial No. 46,972. 2 Claims. (Cl. 257—29.)



1. In a dephlegmator, a relatively long and shallow pan having a central partition extending from one end to a point somewhat short of its other end, headers in the first mentioned end of the pan at opposite sides of the partition, a plurality of circulation pipes extending from one header the length of the pan, crossing the end of the pan to the other header, the pan being arranged horizontally and the pipes extending horizontally from one header to the other, means to introduce vapors to one header, means to remove vapors and condensate from the other header, and means to introduce cooling liquid to the path at a point near the second mentioned header to flow toward the other end of the pan on one side of the partition and then back toward the first mentioned end of the pan on the opposite side of the partition, and a separator embodying a vertical tubular shell with a tangential opening near its upper end communicating with the second mentioned header, and a gas and vapor outlet at the center of the shell, said gas and vapor outlet embodying a central slotted pipe with a surrounding screen wall composed of a plurality of layers of screen.

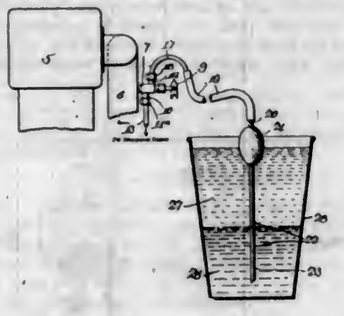
1,622,704. POSTHOLE DIGGER. OTTO COIL, Fayette County, Ohio. Filed Mar. 7, 1925. Serial No. 13,679. 17 Claims. (Cl. 255—19.)



4. In a mechanism of the character described, an upright frame, a boom pivotally mounted on a fixed axle on said frame, an auger carried by said boom, means supported by said boom for rotating said auger, hoisting mechanism for said boom mounted on said frame, means for rigidly mounting said frame on a motor vehicle, and detachable means for operatively connecting said rotating means and said hoisting mechanism with the motor of said vehicle.

1,622,705. DECARBONIZER. WILLIAM DAVIS, Chicago, Ill. Filed Feb. 23, 1926. Serial No. 89,927. 4 Claims. (Cl. 123—198.)

1. A decarbonizer comprising a casing having communication with the intake manifold of a motor and the vacuum tank of an automobile, a controlling valve for said casing, a conduit connected at one of its ends to said casing, the other end of said conduit being orificed and supplied with a plurality of openings in the wall of the



conduit spaced apart from said end, one of said openings being of larger size than the others, and a container to receive said latter end of said conduit.

1,622,706. COMBINED LIGHTING AND IGNITION SWITCH. HARRY A. DOUGLAS, Bronson, Mich. Filed Jan. 27, 1926. Serial No. 84,093. 12 Claims. (Cl. 200—44.)

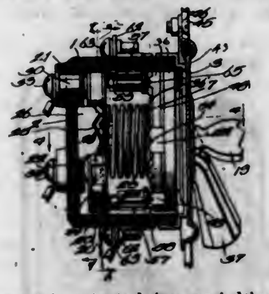


1. In a switch, the combination with a casing; of a rotatable handle upon the exterior of the casing and formed with a lock opening through its hub portion; a lock having a rotatable member; two floating contact carriers within the casing, one operable by the handle and the other by said rotatable lock member; contacts upon said carriers; contacts complemental to the aforesaid contacts; cam members upon said contact carriers; cam members upon and within the casing and complemental to the aforesaid cam members; and a spring interposed between the first aforesaid cam members to yieldingly maintain them respectively in engagement with the other cam members.

1,622,707. COMBINED LIGHTING AND IGNITION SWITCH. HARRY A. DOUGLAS, Bronson, Mich. Filed Jan. 27, 1926. Serial No. 84,094. 12 Claims. (Cl. 200—44.)
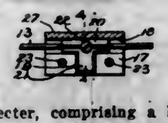
1. A switch structure including a casing; two contact actuators within the casing; a handle upon the exterior of the casing and mounted to turn, said handle having a connection joining it with one of said actuators and passing through an opening formed in an end wall of the casing and having its hub portion formed with a lock

opening; a lock in line with said lock opening and having a rotatable member in turning connection with the other contact actuator; contacts upon said actuators; and contacts complemental to the aforesaid contacts, some of



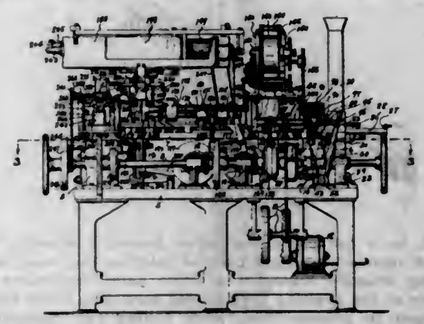
said complemental contacts being carried by the side wall of the casing and projecting laterally of the casing into the circle of rotation of the contacts to which they pertain and being spring pressed longitudinally of the casing.

1,622,708. BRANCH CONNECTER. REUBEN ECKSTEIN, New York, N. Y. Filed Apr. 9, 1921. Serial No. 460,086. 1 Claim. (Cl. 173—338.)



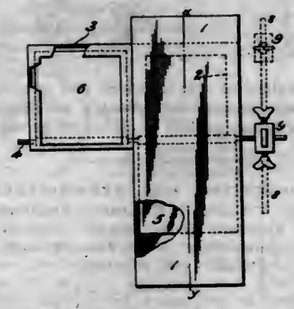
A branch connecter, comprising a block of insulating material provided with a pair of channels each extending throughout the entire length of the block, said block being further provided with a branching channel extending laterally from each of said first mentioned channels, so that each of said first mentioned channels and the branching channel extending from it form collectively a substantially T-shaped channel, said block of insulating material being further provided with a pair of edge portions extending in opposite directions and each overhanging one of said T-shaped channels, a substantially T-shaped clip mounted in each of said T-shaped channels, and a pair of plates of insulating material connected with said block of insulating material and covering said T-shaped channel, said plates extending out substantially flush with the outer edges of said extending portions of said block.

1,622,709. CARTONING MACHINE. HARRY L. EVANS and GEORGE I. HOHL, Newport, R. I. Filed July 10, 1924. Serial No. 725,177. 14 Claims. (Cl. 93—6.)



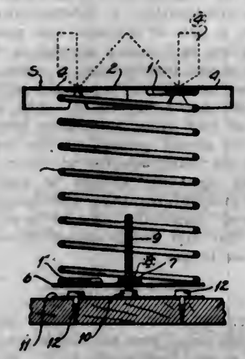
1. In a machine of the kind described, a slideway in horizontal plane, means to supply collapsed cartons at one end of said slideway, means to square said collapsed cartons and means to close one end thereof, means to intermittently and progressively move the thus set-up cartons flatwise on said slideway, and means at one side of said slideway to pre-form linings and insert the same within said cartons while supported on said slideway.

1,622,710. AUTOMATIC DAMPER. HARRY L. FETTERLY, Philadelphia, Pa. Filed Dec. 26, 1923. Serial No. 682,632. 12 Claims. (Cl. 236—45.)



1. The combination consisting of a smoke pipe having an air check inlet; a valve support; a valve secured to the valve support and adapted to the air check inlet; and another valve secured near one of its edges to the valve support and adapted to the smoke pipe between the air check inlet and the furnace.

1,622,711. SPRING. JOHN WALTER FRYER, St. Louis, Mo. Filed Apr. 3, 1926. Serial No. 99,564. 1 Claim. (Cl. 5—258.)

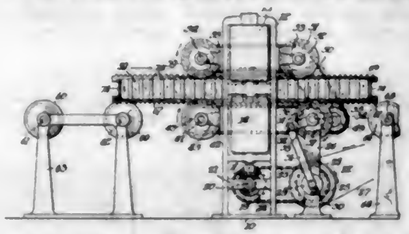


A resilient member comprising a base plate, a stem projecting upwardly therefrom, a disc mounted on said stem and rotatable to effect a vertical movement of the disc with relation to said base plate, a coiled spring secured to said disc, a plate secured to the upper turn of said spring and lying substantially within a circle defining said spring, and triangular corner plates hinged to the sides of the last mentioned plate, the hypotenuse of each corner plate coinciding with the side of the plate to which it is secured.

1,622,712. HARNESS FOR HANDLING MATTRESSES. JOHN F. GAIL, Evanston, Ill., assignor to Simmons Company, Kenosha, Wis., a Corporation of Delaware. Filed Dec. 26, 1922. Serial No. 608,995. 12 Claims. (Cl. 112—3.)

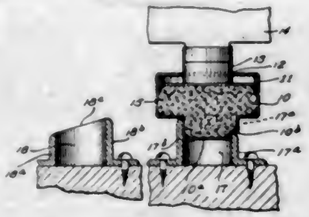
1. For mattress making, the combination of stitching mechanism, a mattress harness comprising confining members respectively located at the top and bottom of the

mattress and adjacent opposite edges thereof and means for connecting the members at each edge to confine the mattress therebetween, spacing means for maintaining



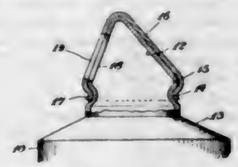
the spaced relation of said members, and means co-operating with said harness for effecting advancing movement of the mattress relative to the stitching mechanism.

1,622,713. MOUNTING FOR TYPEWRITERS AND THE LIKE. WILLIAM F. GILLESPIE, Stamford, Conn., assignor to Stamford Rubber Supply Company, a Corporation of Connecticut. Filed Jan. 24, 1925. Serial No. 4,447. 2 Claims. (Cl. 45—137.)



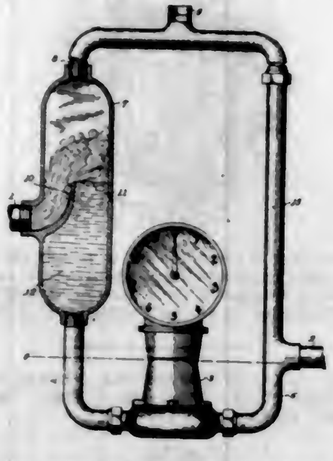
1. A device for supporting a typewriter or the like comprising, in combination, a substantially cup-shaped casing member, a pad of resilient and porous material substantially filling said casing member, a tightly fitting cover for said casing member, and a solid and substantially rigid plate member resting freely within said casing between the upper surface of said pad and the inner surface of said cover, said cover having an opening of a size to permit passage of the typewriter leg, the typewriter leg being adapted to enter said opening and rest freely upon the surface of said plate, said plate being of greater area than said opening and closing said opening upder the upward urge of said resilient pad so that said pad is completely enclosed when the device is not in use.

1,622,714. DISPENSING TOP FOR CONTAINERS. SIGMUND GREENFIELD, now by judicial change of name Edward S. Grandt, New York, N. Y. Filed Sept. 11, 1925. Serial No. 55,657. 5 Claims. (Cl. 221—60.)



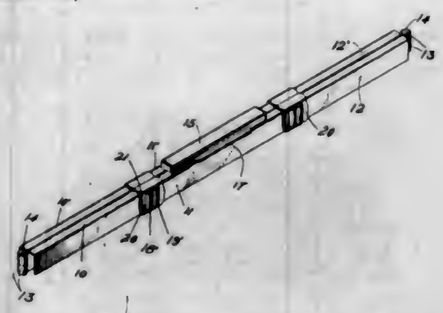
1. In a dispensing closure member for collapsible tube containers, an outwardly converging nozzle member having an elongated port in a side wall thereof, a cap member rotatably mounted in enclosing relation to the nozzle member and having a port arranged to be placed in registration with the port in the nozzle member, said nozzle member and said cap member being unsymmetrically formed whereby relative rotation of the parts to a non-discharging position will produce a sealing effect.

1,622,715. LIQUID-MEASURING APPARATUS. JOHN J. HAWXHURST, Brooklyn, N. Y., assignor of one-fourth to M. Jay Sage, one-fourth to Frederick W. Lang, Brooklyn, N. Y., and one-fourth to George W. Stedwell, New York, N. Y. Filed May 11, 1926. Serial No. 108,242. 2 Claims. (Cl. 137—78.)



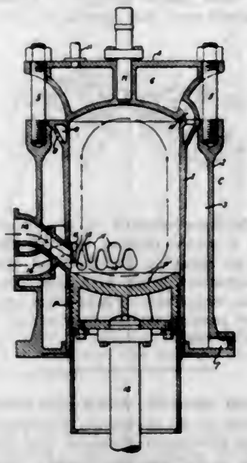
1. In liquid measuring apparatus, an enlarged settling and de-airing chamber having a liquid inlet in one side, an air vent in the top and a liquid outlet in the bottom of the same, a liquid meter connected with said outlet and a non-siphoning discharge connection from said meter, the connections from the settling chamber and the outlet from the meter being formed as the arms of an upwardly extending loop for retaining a liquid seal at both sides of the meter, the liquid entrance in the settling chamber being disposed at a level above the level of the discharge outlet from the meter and arranged to enable the fluid entering the same to flow upwardly and to then settle back and form a relatively deep well of solid liquid providing a head for operating the meter.

1,622,716. COLLAPSIBLE BAG FRAME. WILLIAM C. HEBBING, Newark, N. J., assignor to J. E. Mergott Co., Newark, N. J., a Corporation of Delaware. Filed Jan. 22, 1926. Serial No. 82,943. 2 Claims. (Cl. 150—45.)



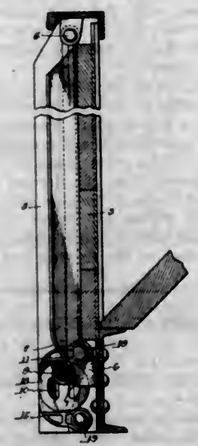
1. In a collapsible bag frame having a plurality of bars arranged in opposed paired relation, the outer bars being hingedly connected at their outer extremities, a plate at the abutting ends of said bars, said plates being shaped to produce three slots having two connecting ribs therebetween, and curled extensions on each of the abutting ends of said bars to pivotally encircle appropriate ribs in the adjacent plates.

1,622,717. TWO-CYCLE INTERNAL-COMBUSTION ENGINE. REINHARD HILDEBRAND, Webster Groves, Mo. Filed May 25, 1925. Serial No. 32,586. 1 Claim. (Cl. 123—65.)



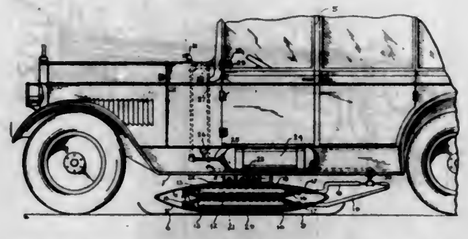
A two-cycle internal combustion engine of the loop scavenging type comprising a cylinder, a piston adapted to reciprocate within said cylinder, said cylinder having a plurality of exhaust ports arranged in a row, and a plurality of inlet ports arranged in a row through which scavenging air is passed into said cylinder, said rows of ports being so arranged that said exhaust ports and said inlet ports overlap each other, thereby providing a double row of ports on one side of said cylinder in which said exhaust ports and said inlet ports alternate with each other, and said double row of ports being arranged circumferentially of said cylinder and being extended over a portion only of the circumference of said cylinder, the side of the cylinder wall opposite said double row of ports being closed to provide the scavenging loops.

1,622,718. LATCHING DEVICE FOR CAR DOORS. DAVID HINDAHL, Chicago, Ill., assignor to Rodger Ballast Car Company, Chicago, Ill., a Corporation of Maine. Filed Aug. 6, 1926. Serial No. 127,541. 5 Claims. (Cl. 105—308.)



1. In combination with a door, a shaft mounted to slide laterally, a locking bearing on the door receiving the shaft in its sliding movement, and means for developing, at will, said sliding movements in said shaft, comprising a rotatable eccentric mounted on said shaft and means confining said eccentric in the direction of said sliding movement.

1,622,719. AUTOBOGGAN. LEO HOFMEISTER, Milwaukee, Wis. Filed Feb. 19, 1926. Serial No. 89,371. 4 Claims. (Cl. 280—9.)



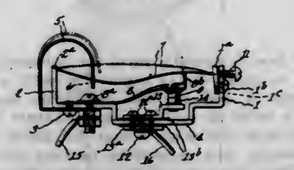
1. In combination with a vehicle, a yielding toboggan member mounted under the vehicle body, compressed air means for moving said toboggan member to operative position, and spring means for returning the toboggan member to inoperative position.

1,622,720. METHOD OF PRODUCING FUR PELTS. LEO HOFMEISTER, Milwaukee, Wis. Filed Mar. 1, 1926. Serial No. 91,549. 4 Claims. (Cl. 149—28.)



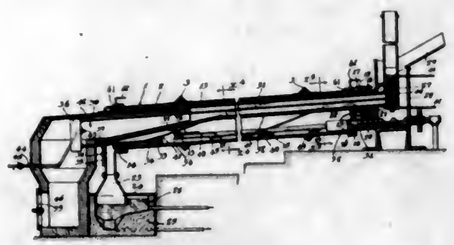
1. The method of producing fur pelts which consists of binding together under normal temperatures a mass of fur on a living animal, then removing the mass from the animal close to its skin, and then securing the fur to a suitable backing.

1,622,721. ELECTRIC THERMOSTATIC SWITCH. ARLEY U. HOOK, New Washington, Ohio. Filed Dec. 7, 1925. Serial No. 73,833. 2 Claims. (Cl. 200—139.)



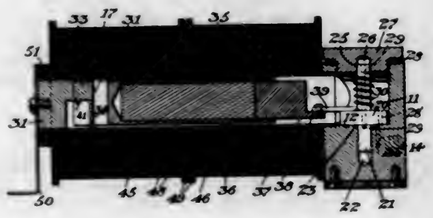
1. A thermostatic electric switch comprising a frame, a spring secured to the frame and carrying a movable contact member and tending to open the same, another contact member secured to the frame, another spring the ends of which are secured to the frame, an expansible thermostatic element secured to the frame and having a slot in one end through which the second-mentioned spring extends, the second-mentioned spring being supported independently of the first-mentioned spring and normally pressing against the first-mentioned spring in opposition to its opening tendency, to hold the contact members together, the thermostatic element being adapted to expand and effect a release of said pressure, whereby the movable contact member is moved by the first-mentioned spring to open position.

1,622,722. PROCESS OF AND APPARATUS FOR DISTILLING BITUMINIFEROUS MATERIAL. JAY J. JAKOWSKY, Los Angeles, Calif. Filed Aug. 12, 1920. Serial No. 403,097. Renewed Jan. 11, 1926. 12 Claims. (Cl. 202—15.)



3. In the process of distilling solid bituminiferous material, the steps of progressively heating only the upper surface portions of a mass of the material by direct radiation to the required temperatures while said mass is moving, stirring the material to bring other portions of it to the surface, and drawing the resulting hydrocarbon vapors from the material and upwardly from the surface portions thereof.

1,622,723. VALVE. PHILIP M. JOHNSON, Newton, Mass., assignor, by mesne assignments, to National Refrigerating Company, New Haven, Conn., a Corporation of Massachusetts. Filed Sept. 3, 1924. Serial No. 735,551. 1 Claim. (Cl. 137—139.)



A liquid flow controlling valve for automatic operation comprising a closed casing connecting with a valve seat and outports at one end and having an inport at its other end, a valve on said seat, an armature in said casing spaced from the wall thereof for liquid flow therethrough thereby, link connection between said armature and said valve, means in said casing for limiting the extreme positions of said armature therein to corresponding registry of said valve with two of said outports, electromagnetic coils about said casing adapted, when severally energized, to move said armature to its respective limiting positions, and adapted when jointly and equally energized to move and hold said valve into outport closing position.

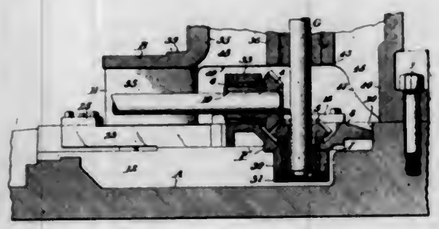
1,622,724. PINCE-NEZ AND SPECTACLES. PERCY KIRK and SIDNEY MORTIMER KIRK, London, England. Filed Feb. 5, 1926, Serial No. 86,110, and in Great Britain Mar. 12, 1925. 1 Claim. (Cl. 88—42.)

A device of the character described, comprising in combination, a pair of lenses, metal fittings therefor, an elongated metal plate carried by each fitting and offset therefrom at that end thereof which is to be connected to another member, said member having an opening therethrough and a pair of depressions of less depth than the thickness of the member and disposed in alinement with said opening, said plate having a threaded opening adapted to register with the opening in said member and



a pair of projections adapted to be seated in said depressions, and a screw passing through the opening in said member and engaging the threaded opening in said plate, the organization being such that when the device is assembled the major axis of said plate extends at right angles to a line passing transversely across the lenses at the center line thereof.

1,622,725. ARM MOUNT WITH ACCESSIBLE GEAR UNIT. DAVID C. KLAUSMEYER, Cincinnati, Ohio, assignor to the Cincinnati Bickford Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed June 27, 1921. Serial No. 480,653. 31 Claims. (Cl. 77—28.)



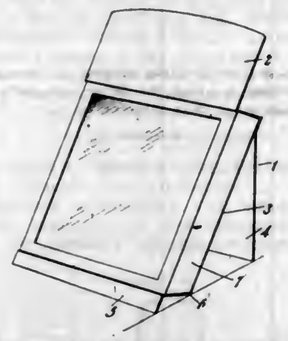
1. A radial drill combining a base; an arm extending horizontally therewith; an upright post carried by said base and arranged to support one end of said arm, said post being formed of nested tubular portions integrally connected by radial vanes, certain of said vanes having their lowermost ends flat and radiating inwardly flush with the lowermost end of the outer tubular portion; and means for effecting a relative adjustment between said arm and said base.

24. A radial drill combining a horizontally disposed base formed with a recess; an upright column secured to said base; a driven shaft journaled lengthwise within said column; a driving shaft arranged transverse to the driven shaft; mating gears rotatable with said two shafts to transmit power from the driving shaft to the driven shaft; a minor frame removably secured to said base and located mainly within the recess therein; and bearings carried by said minor frame rotatably to support said gears independent of the driving and driven shafts.

1,622,726. DISPLAY HOLDER. PHILIP JOHN KNORPP, Brooklyn, N. Y., assignor to N. D. Q. Specialty Corporation, Brooklyn, N. Y., a Corporation of New York. Filed July 29, 1925. Serial No. 46,741. 1 Claim. (Cl. 211—24.)
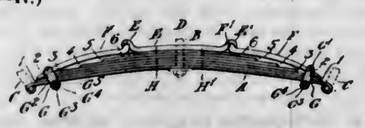
A display holder having top and bottom portions and a body portion, said body portion adapted to hold in frictional engagement a container, top and bottom sides to said body portion, said top and bottom sides extending the thickness of the top and bottom portions beyond

said container to permit of stacking and to protect the container in shipment, and a flat support secured to said body portion to support the display holder at an angle



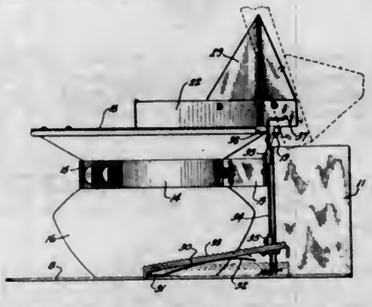
to the vertical, said flat support adapted to be bent back to rest flat on the back of the body portion to permit of stacking and shipment.

1,622,727. VEHICULAR LEAF SPRING. ALBERT PAUL KOEBCKE, Mount Violet, Victoria, Australia. Filed Mar. 9, 1926. Serial No. 93,890. 7 Claims. (Cl. 267—47.)



1. A vehicular leaf spring attachment consisting of, in combination, a saddle to be mounted on the spring, a stirrup bar pivoted to the saddle, and extending along the spring outwards over steps formed by spring leaves, the bar foot bearing on the spring; and, fixed to the said bar, a stirrup which embraces the spring, but allows the latter to slide through it when the spring curvature changes.

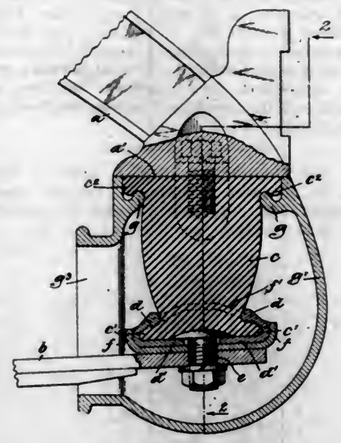
1,622,728. RECEPTACLE. EMIL KORSETZ, Milwaukee, Wis. Filed Sept. 11, 1926. Serial No. 134,897. 12 Claims. (Cl. 4—272.)



1. A receptacle, comprising a main container, a lid hinged thereto, and an auxiliary container to receive deposits from the lid when the same is raised.

1,622,729. CUSHION CONNECTION FOR VEHICLE CONSTRUCTION. AUGUST H. LEIPERT, College Point, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed May 17, 1926. Serial No. 109,480. 3 Claims. (Cl. 267—30.)

1. In a cushion connection of the character described, in combination with two metallic parts, a single column of yielding non-metallic material positively connecting the parts and supporting the load of one directly on the



other, means carried with the respective parts positively clamping spaced portions of the yielding non-metallic material thereto, and a housing for the connection.

1,622,730. COMBINED SIGNALING AND ADVERTISING DEVICE. ELOF H. MEDÉN, Short Hills, N. J., assignor to American Gasaccumulator Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Sept. 12, 1921. Serial No. 500,022. 1 Claim. (Cl. 40—133.)

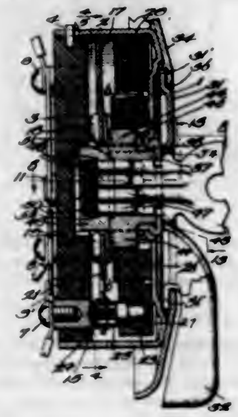


A combined highway signaling and advertising device, comprising oppositely disposed walls which are spaced from each other and which face in the direction of the length of the highway on or adjacent to which the said device is located, one at least of the said walls being opaque and provided with openings therethrough to indicate any information desired to be conveyed and the other one of which is adapted to indicate information of different character which it is desired to convey, an inclosing wall interposed between the said first named walls, the outer surface of which faces in directions transversely of the length of the said highway, and the said inclosing wall being provided with an opening therethrough which is closed by a plate through which light is adapted to be transmitted, the said plate having thereon information conveying media, and means for illuminating the space within the said walls.

1,622,731. PROCESS FOR PRODUCING AQUEOUS SOLUTIONS OF FREE CYANAMID. ANTHONY MOULTRIE MUCKENFUSS, Woodbridge, N. J., assignor to The Roessler & Hasslacher Chemical Co., New York, N. Y., a Corporation of New York. Filed Aug. 14, 1924. Serial No. 731,985. 7 Claims. (Cl. 23—190.)

1. The process of producing a solution of cyanamid consisting in treating a solution of metal cyanamid with sulphurous acid under such conditions that the liquid remains substantially neutral in reaction and metal sulphite is precipitated.

1,622,732. LOCKING MECHANISM. JOHN H. NELSON, Chicago, Ill., assignor to Harry A. Douglas, Bronson, Mich. Filed Nov. 9, 1925. Serial No. 67,857. 8 Claims. (Cl. 70—47.)



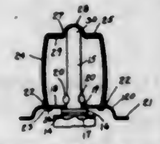
1. The combination with a casing having an opening formed through an end wall thereof; of a hollow lock member fixed upon said casing end wall and in register with said opening, this lock member projecting into the interior of the casing; a pin carrier within the casing and secured to the inner end of said lock member; a pin upon said pin carrier and spring pressed toward said casing end wall; a key operated lock member disposed to turn in said hollow lock member and located between said pin carrier and said casing end wall; a key operated tumbler in said key operated lock member and adapted to be located in and out of register with the aforesaid pin upon turning said key operated lock member, the aforesaid pin projecting into the space occupied by said tumbler when the tumbler is in register with the pin and in the absence of the key, said tumbler being key operated to position said pin and tumbler each within the part carrying the same to permit the key to turn the key operated lock member; a handle mounted to turn upon the exterior of the casing, said key operated lock member being in line with the axis of the handle, the handle being formed to permit passage of the key; and mechanism within the casing having one member coupled, within the casing, with the key operated lock member and another member coupled with the handle.

1,622,733. NOZZLE. LEWEN R. NELSON, Peoria, Ill. Filed June 9, 1924, Serial No. 718,722. Renewed Feb. 10, 1927. 3 Claims. (Cl. 299—152.)



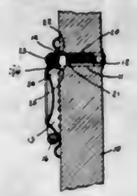
1. In a hose nozzle, in combination with a tubular fitting threaded at one end to receive into it a hose connection, and recessed to create an inner end wall, a structure including a tubular part inserted in the fitting adapted for a relative movement therein in use and having a flange at one end to engage said inner end wall of said fitting and extending at its other end from the other end of the fitting, said part being reduced in diameter outside the fitting creating a shoulder substantially flush with the end of the latter, and a member threaded upon the said reduced portion abutting against the said shoulder and said fitting securing the latter and part from relative movement other than a rotary one.

1,622,734. TOP BEARING CASTER. WILLIAM H. NOELTING, EMIL A. SMITHFIELD, and CLARENCE B. NOELTING, Evansville, Ind., assignors to Faultless Caster Company, Evansville, Ind., a Corporation. Filed May 18, 1923. Serial No. 639,753. 4 Claims. (Cl. 16—39.)



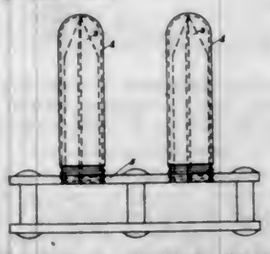
1. A caster for tubular legs including a centrally apertured leg supporting plate having a plurality of openings therein provided with a plurality of projections extending downwardly and angularly thereof, a pintle extending through said plate, and a U-shaped inverted resilient standard cooperating with the top and having its ends extending through said openings and angularly thereof for direct and permanent connection to the plate and engageable by said projections for wedging action under load.

1,622,735. FURNITURE TRIM AND KEEPER. WILLIAM H. NOELTING, Evansville, Ind., and ANDREW I. BROKAW, Cincinnati, Ohio, assignors to Faultless Caster Company, Evansville, Ind., a Corporation. Filed Feb. 2, 1926. Serial No. 85,548. 3 Claims. (Cl. 16—126.)



1. A combination keeper and mounting, comprising a tubular body, an encircling extension connected to one end of the body, the extension axis being substantially transverse to the body axis, and an anchoring end on said extension positionable adjacent said body.

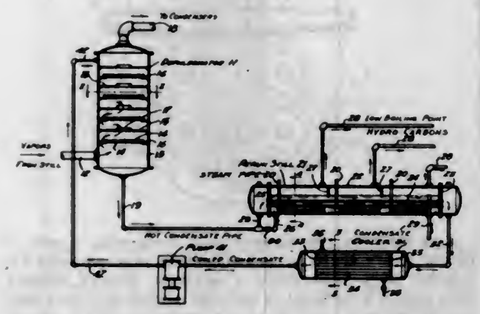
1,622,736. STEAM BOILER. JOHN POMFRET, Sr., Paterson, N. J. Filed Mar. 19, 1926. Serial No. 95,831. 2 Claims. (Cl. 122—305.)



1. In a steam boiler, a cylindrical tube on the heating surface, closed and convex on one end, the other end being open and having a thread cut round its outer edge

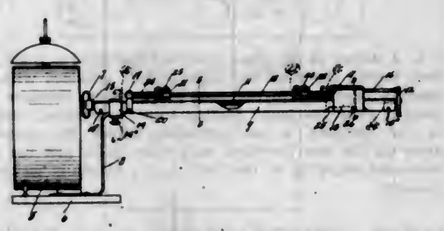
and screwed into the boiler plate; having therein a diaphragm comprising three or more equal planes with one edge in common and converging at the closed end, forming three or more chambers in the tube which have separate openings into the boiler and a common sac at the closed end, substantially as described.

1,622,737. PROCESS OF SEPARATING HYDROCARBON FRACTIONS. DANIEL PYZEL, Piedmont, Calif., assignor to Simplex Refining Company, San Francisco, Calif., a Corporation of California. Filed Aug. 23, 1923. Serial No. 658,910. 6 Claims. (Cl. 196—94.)



1. A process of separating hydrocarbon fractions from a heated mixture of said fractions in a liquid state which comprises: lowering the partial vapor pressure on a portion of said mixture by injecting therein vapor having a different vapor tension; supplying heat to said portion from the remainder of said mixture, said remainder being held under its initial vapor tension; and removing the mixture of vapors produced by said injection and heating.

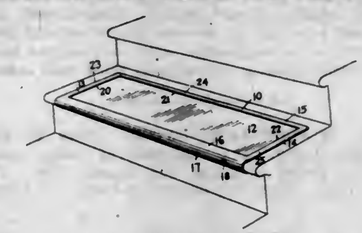
1,622,738. AUTOMATIC FIRE LIGHTER. WALTER RICHARDSON, Bay City, Mich. Filed Mar. 18, 1926. Serial No. 95,655. 5 Claims. (Cl. 44—36.)



1. A match igniting device comprising the combination with an alarm clock, of a supporting member, a shaft journaled therein and having engagement with said clock and adapted to be driven thereby, a friction wheel mounted on the outer end thereof, and a spring tensioned longitudinally adjustable match block slidably mounted on said supporting member.

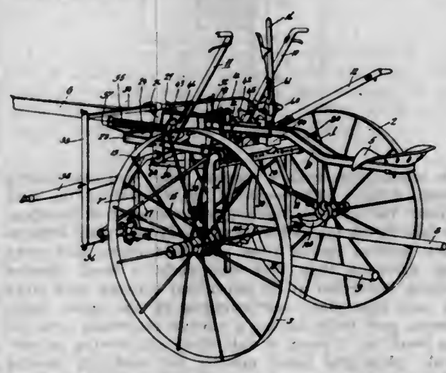
1,622,739. STAIR PLATE. HARRY ROSENBLUM and MURRAY SCHNEIDER, New York, N. Y. Filed July 10, 1926. Serial No. 121,518. 11 Claims. (Cl. 20—79.)

1. In a stair plate, a rectangular sheet of floor covering material, a frame enclosing three of the edges of said sheet and the peripheral portions of the upper and lower surfaces of said sheet adjacent to said edges, a nosing



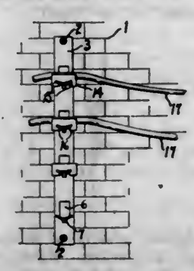
continuous and integral with the upper surface of said frame, and hidden means for securing said frame to a stair tread.

1,622,740. SEAT-GUIDE CULTIVATOR. JOHN P. SEAHOLM, Moline, Ill., assignor, by mesne assignments, to Moline Implement Company, a Corporation of Illinois. Filed May 22, 1924. Serial No. 715,128. 4 Claims. (Cl. 97—154.)



1. A cultivator having a wheeled frame including an arched axle, drag bars pivoted at their forward ends to move both laterally and vertically on stationary pivots carried by the frame, a drag bar spacing means connected to said frame and to the drag bars so as to permit the latter to move freely in a vertical direction but acting to prevent them from moving laterally, and a lever mechanism mounted on the arched axle and connected to the drag bar spacing means for operating it to move the drag bars to and from one another.

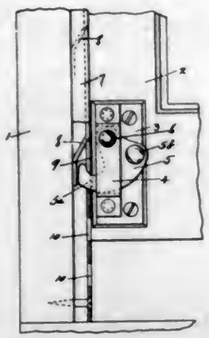
1,622,741. CABLE CARRIER. ADOLPH M. SEEGER, Toledo, Ohio. Filed Sept. 8, 1925. Serial No. 55,068. 1 Claim. (Cl. 248—34.)



A cable supporting bracket having a reduced neck portion and head broader than the neck portion and extending therefrom, in combination with a primary support

having a rectangular shaped opening corresponding substantially to that of the said neck portion and the diagonal of said opening greater than the width of said head, whereby said head may be inserted therethrough by tilting said bracket on its longitudinal axis, said bracket having a strut tongue engaging said support below said opening.

1,622,742. WINDOW-SASH LATCH. JOHN D. SHIPMAN, San Angelo, Tex., assignor, by mesne assignments, to Emma Shipman, San Angelo, Tex. Filed Nov. 5, 1925. Serial No. 66,997. 1 Claim. (Cl. 292—136.)



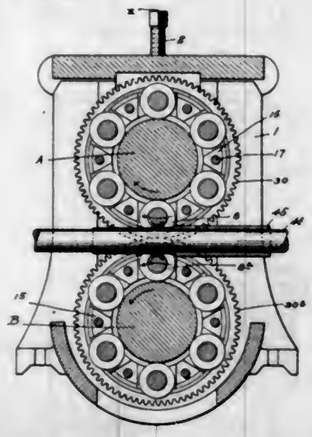
In combination with a window frame and sash sliding therein, a base plate mounted on the side of the sash adjacent the window frame, a strap secured at its opposite ends to the top and bottom of said base plate with its middle portion spaced from said base plate, said strap being narrower than said base plate, a latch member pivotally connected at its upper end between said strap and said base plate and swinging in the space therebetween, said latch having a portion projecting over the base plate not covered by said strap and having an outwardly projecting finger member for manually moving said latch, the opposite edge of said latch having an upwardly projecting hook portion normally swinging toward said window frame, and a rack made of channel iron with struck-in portions attached at their upper ends and bent inwardly to form cam portions to move said hook portion away from the frame as said sash moves upwardly and prevent it from catching, some of said struck in portions being omitted and holes being formed in the outer face of said channel iron, whereby said hook portion will catch by its lower side or by its upper side and prevent said window from moving up or down, as the case may be, substantially as shown and described.

1,622,743. HOOK AND EYE TAPE. DAVID SILBERMAN, New York, N. Y. Filed July 28, 1924. Serial No. 728,645. 1 Claim. (Cl. 2—265.)



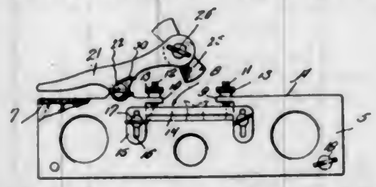
Eye tape comprising a strip of integrally woven tape having a single ply at one edge divided into two plies at about its median line, a plurality of spaced eyes secured to one of the latter plies, the operative portions of said eyes extending over the single ply and adapted to have a garment edge inserted between the two plies.

1,622,744. TUBE-FORMING MILL. RALPH C. STIEFEL, Ellwood City, Pa. Filed Apr. 5, 1926. Serial No. 99,777. 4 Claims. (Cl. 80—11.)



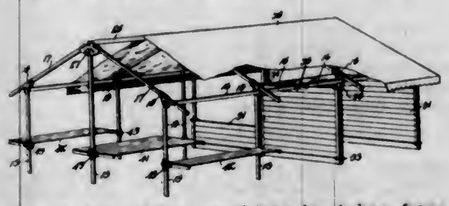
4. A seamless tube-forming mill, comprising a pair of driven rotary shafts, a roll-supporting cage mounted for rotation upon each shaft, a series of grooved forming rolls rotatably mounted in bearings arranged in each cage for movements radially of its contained shaft, means acting through said bearings for holding peripheral portions of said rolls in bearing contact with a cylindrical face of said shaft within the cage, and means for causing the cages to continuously move at uniform angular rates about the axes of their respective supporting shafts.

1,622,745. SWAGE AND RAKER GAUGE. DURWARD DOUGLAS THOMAS, Beckwith, Calif. Filed Apr. 1, 1926. Serial No. 99,015. 4 Claims. (Cl. 76—46.)



1. A device of the class described including a U-shaped body having the sides and bight portion provided with an opening intermediate the ends of the body, brackets extending from the bight portion into the opening, screws in the brackets, a bar extending across the opening, arms on the bar provided with slots, bolts piercing the slots and engaging in the body, and a pivotally mounted hammer.

1,622,746. PORTABLE BUILDING. JOHN C. TRUEMPER, Indianapolis, Ind. Filed Nov. 25, 1924. Serial No. 752,204. 10 Claims. (Cl. 135—3.)



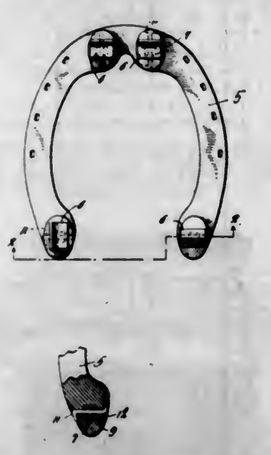
10. A portable building comprising a knock-down framework made up of individually rigid parts of varying sizes, and means for securing the parts together comprising fastening elements having means for frictionally holding each rigid part in fixed relation said means being adapted to be loosened to release all of the individual parts to permit them to be withdrawn, substantially as set forth.

1,622,747. METHOD OF MAKING CLOTH STENCILS. ROGER TULL, Los Angeles, Calif., assignor to Western Lithograph Company, Los Angeles, Calif., a Corporation of California. Filed June 28, 1926. Serial No. 119,040. 10 Claims. (Cl. 101—129.)



1. The method of making stencils consisting in making a negative from the colored original that is to be reproduced, making a plurality of photographic prints on sensitized bolting cloth from said negative, and blocking out on the several prints the portions that are to be impervious to paint and that correspond respectively to the different colors.

1,622,748. HORSESHOE. WILLIAM VAN TASSEL, Redwood, N. Y. Filed Apr. 19, 1926. Serial No. 103,160. 2 Claims. (Cl. 168—40.)



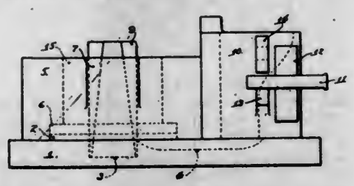
2. In a horseshoe, a horseshoe body provided with a vertical opening and having a transverse opening intersecting said vertical opening and extending transversely of the shoe body, the ends of the said transverse opening terminating in oppositely extending longitudinal grooves in the edges of the shoe body, a calk provided with a tenon adapted to fit within said vertical opening and provided with a transverse opening adapted to aline with the transverse opening of the shoe body, and a cross-pin extending through the transverse openings of the shoe body and calk tenon, the ends of the cross-pin being bent to fit longitudinally in the grooves formed in the edges of the shoe so as to extend flush with the outer shoe edges.

1,622,749. NECKTIE. OTTO WEINSTEIN, Boston, Mass., assignor to Standard Neckwear Company, a Corporation of Massachusetts. Filed July 22, 1926. Serial No. 124,175. 6 Claims. (Cl. 2—146.)



1. A four-in-hand tie comprising, throughout the tying area, a main fabric and a backing fabric only, said fabrics being coextensive and united at the margins of their edges and ends, the strands of the backing fabric extending at an angle to those of the main fabric.

1,622,750. BUSHING MOLD. AUSTIN D. WILLIAMS and FRANK B. GILLETT, Sacramento, Calif. Filed Apr. 12, 1926. Serial No. 101,330. 4 Claims. (Cl. 22—151.)



1. A mold comprising a base member having in its upper surfaces a pouring channel; a body member separably supported upon said base member overlying the inner portion of said channel and constituting the outer wall of the mold space; a core member, separably supported upon the base member and constituting the inner wall of the mold space, said mold space at its base communicating with the inner end of the pouring channel of the base member; and a hopper member separably supported upon said base member overlying and in communication with the outer portion of the pouring channel thereof.

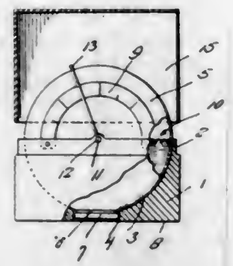
1,622,751. WOOD PRESERVATIVE. KARL HEINRICH WOLMAN, Berlin-Grunewald, FRITZ PETERS, Berlin, and HANS PFLUG, Berlin-Steglitz, Germany. Filed Jan. 30, 1926, Serial No. 85,017, and in Germany Jan. 2, 1926. 2 Claims. (Cl. 134—78.6.)

1. A preservative for wood, consisting of an oil of mineral origin and of a complex salt of tartaric acid with arsenic and an organic base dissolved in it.

1,622,752. INCLINATION INDICATOR. GEORGE J. YAKESH, Bloomer, Wis. Filed May 5, 1926. Serial No. 106,894. 1 Claim. (Cl. 33—212.)

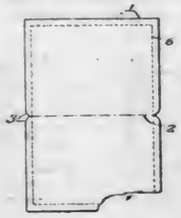
An inclination indicator comprising a body having a flat underside and a rabbeted upper edge and also having a chamber the bottom of which is arcuate and an aperture

in communication with said chamber and formed in the underside of the body, a circular transparent receptacle partially filled with a liquid disposed in said chamber of the body and having a neck pendent in said aperture and also having a neck closure disposed in the aperture



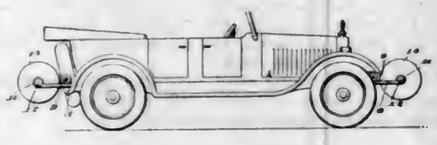
and above the underside of the body, the said receptacle being provided at its opposite sides with arcuate scale graduations, a bail-shaped pointer pivotally connected to the body and straddling the receptacle, and a cover of hollow form adapted to seat in the rabbet of the body and to enclose the receptacle and the pointer.

1,622,753. VERTICAL FILE POCKET. EUGENE F. AHLQUIST, Minneapolis, Minn., assignor to Gaw-O'Hara Envelope Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 14, 1925. Serial No. 75,450. 3 Claims. (Cl. 129—16.7.)



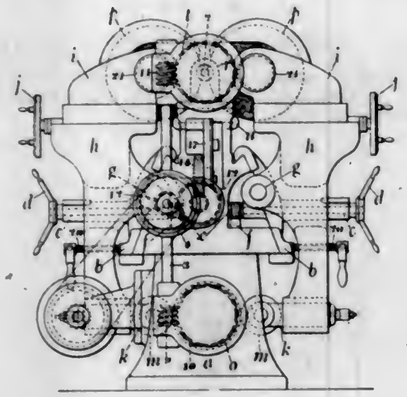
1. A vertical file pocket including a side wall comprising a sheet of material folded upon itself to form a closed top edge, and a bottom and end walls having their margins interposed between the plies of said side wall, said margins and the plies of the side wall being secured together to form a unitary structure.

1,622,754. VEHICLE BUMPER. LUCIANO AMATO, South Berkeley, Calif., assignor of one-third to Justice Lloyd Selden, Oakland, Calif., and one-third to John Amato, South Berkeley, Calif. Filed Nov. 30, 1926. Serial No. 151,740. 3 Claims. (Cl. 293—17.)



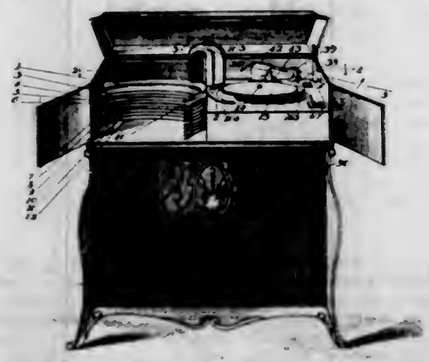
2. A device of the character described comprising a pair of longitudinally extending bumper bars adapted to be secured to the side frames of a vehicle and extending forwardly and rearwardly at each end thereof, forked heads at each end of the bumper bars and a resilient impact member mounted between the forked ends of said heads.

1,622,755. CAM-GRINDING MACHINE. HARRY HALES ABBRIDGE, Ashton-on-Mersey, England. Filed July 27, 1925, Serial No. 46,412, and in Great Britain Aug. 18, 1924. 1 Claim. (Cl. 51—33.)



In a cam grinding machine, in combination, a bed, horizontally traversible slides located at the opposite sides of said bed, with means for traversing said slides, arms each fulcrumed about a pivot on a slide, grinding wheels heads each carried by an arm, and means for traversing said heads upon said arms, a master cam carrying shaft located in the base of the machine, rollers upon said arms bearing upon the master cams, a table longitudinally traversible upon said bed, means upon said table for rotatably supporting the cam shaft, the cams of which are to be ground, grinding wheels upon the grinding heads in vertical alignment with the rollers aforesaid, means imparting longitudinal reciprocating movement to said table, a fixed head upon the machine bed, a drive shaft journalled in said head, means connecting said shaft with the cam-shaft-supporting means for rotating the cam shaft and means for rotating the master cam shaft and the cam shaft being ground in timed relation.

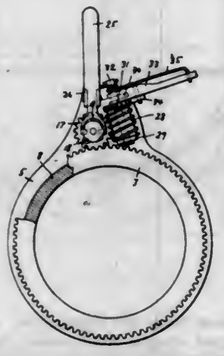
1,622,756. MULTIPLE-RECORD PHONOGRAPH. DANIEL DETRICH BEENKEN, Santa Barbara, Calif. Filed Jan. 29, 1923. Serial No. 615,662. 34 Claims. (Cl. 274—10.)



1. A phonograph comprising a turntable adapted to rotate in the raised one of two positions, a clutch associated with the shaft of the turntable, means which both holds the turntable raised and the clutch in engagement so that there may be rotation, a carrier occupying a waiting position beneath the turntable, means setting the

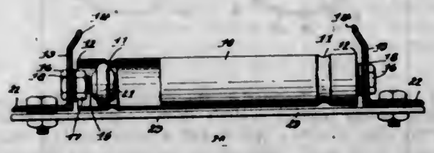
holding means into operation to lower the turntable, deposit a record on the carrier and unclutch the turntable shaft so that rotation stops, and means connected with the foregoing operating means becoming operative after these acts are performed to swing the carrier to one side.

1,622,757. WARP LET-OFF MECHANISM FOR LOOMS. JOHN BERNINI, Allentown, Pa. Filed Sept. 14, 1926. Serial No. 135,335. 6 Claims. (Cl. 139—100.)



6. A mechanism of the class described including, in combination, a gear adapted to be secured to a warp beam, tensioning means associated with said gear for urging it in one direction, an annulus on the gear, a ring about the annulus, a stud projecting from the ring, a pinion meshing with the gear, a lever pivoted on the ring, means for rotating the pinion by oscillations of the lever and spring means associated with the lever for holding it in a predetermined position, a striker bar operable by moving part of a loom for engaging said lever to rock t in one direction.

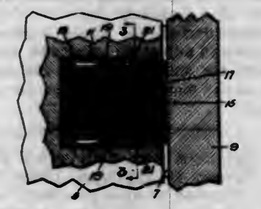
1,622,758. ROLLER FOR GRAVITY CONVEYERS. GORDON W. BEULKE and PETER C. WEGO, St. Paul, Minn., assignors to Standard Conveyor Company, a Corporation of Minnesota. Filed Aug. 6, 1923. Serial No. 655,843. 4 Claims. (Cl. 193—37.)



3. In a conveyer roller, a pair of spaced rails, a tubular body extending transverse said rails between the same, pintles extending axially into said body from said rails, annular flanges on the outer periphery of said body adjacent to said rails, offset guide portions formed on said rails to overhang the flanges on said body, and bearings for said body on said pintles disposed a substantial distance from the ends of said body within the same.

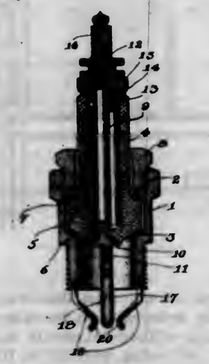
1,622,759. BUFFER. DAVID BOURQUE, Amesbury, Mass., assignor to G. W. J. Murphy Company, Amesbury, Mass., a Corporation of Massachusetts. Filed Oct. 12, 1922. Serial No. 594,018. 12 Claims. (Cl. 16—86.)

1. A buffer of the class described comprising a casing having an open top and an open end and interior teeth at the sides, a resilient block received in the casing and adapted to project from the end thereof and a spring



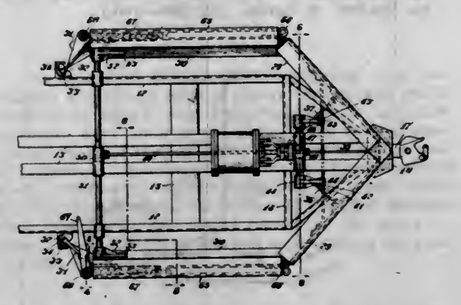
imbedded in the block and having its ends projecting to engage the teeth.

1,622,760. SPARK PLUG. ALBERT BOUBRIEU, Chicago, Ill. Filed Aug. 4, 1923. Serial No. 655,676. 3 Claims. (Cl. 123—169.)



1. A spark plug comprising a shell, a hollow insulator carried thereby, an electrode adapted to extend through said insulator, the interior portion of said insulator being exhausted of air, a mercury filled tube detachably secured to the lower end of said electrode and a pair of grooved positive electrodes adjacent the lower end of said mercury filled tube.

1,622,761. GRADER CAR. ROBERT E. BRESSLER, Aurora, Ill., assignor to Western Wheeled Scraper Company, Aurora, Ill., a Corporation of Illinois. Filed Sept. 10, 1921. Serial No. 499,641. 13 Claims. (Cl. 37—105.)

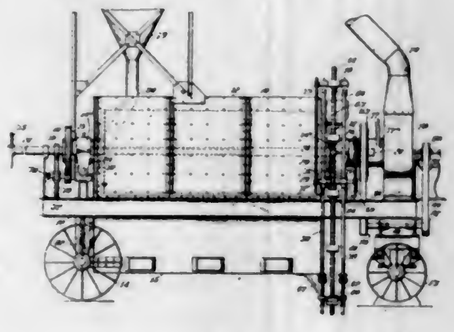


1. The combination with a car, of a vertically-adjustable plow mounted opposite one end thereof, said plow comprising two diagonally-arranged plates, a side wing pivotally connected on a vertical axis with said plow at

the rear end of one of said diagonal plates and adjustable to form an extension of such plate and bodily movable vertically therewith, and means mounted on the car for adjusting said plow vertically.

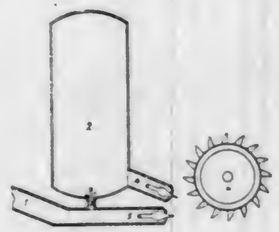
6. The combination with a car, of a plow mounted at one end thereof and adjustable vertically, braces pivotally connected with the side portions of the plow and with the car, and means mounted on the car for adjusting the plow vertically.

1,622,762. MACHINE FOR TREATING EARTHY MATERIAL. ROBERT E. BRESSLER, Aurora, Ill., assignor to Western Wheeled Scraper Company, Aurora, Ill., a Corporation of Illinois. Filed Feb. 5 1923. Serial No. 617,091. 36 Claims. (Cl. 94—42.)



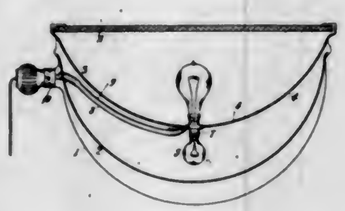
1. In a machine of the class described, the combination of a rotatable drum open at its ends for the receiving and discharging of material, means opposite the said receiving end for delivering material to the drum, a fire-box below the drum, a casing rising from the fire-box and partially surrounding said drum and located at a distance therefrom and having an end wall located at a distance from the discharge end of the drum, baffle plates at opposite sides of the drum extending inwardly from said end wall, whereby the products of combustion will be deflected toward the receiving end of the drum before passing into the said delivery end of the drum, and means communicating with the other or receiving end of the drum for conducting away such products of combustion.

1,622,763. DEVICE USED FOR CONTROLLING THE SPEED OF WATER WHEELS. HUBERT VINTON CARPENTER, Pullman, Wash. Filed Jan. 9, 1922. Serial No. 528,092. 3 Claims. (Cl. 253—140.)



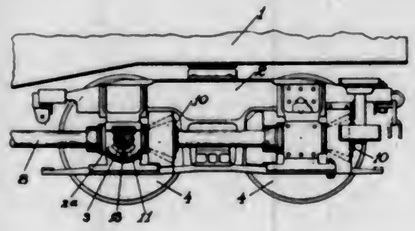
1. A combination, with a water wheel unit of the impulse type, of a storage tank which receives water from the penstock of the unit, a check valve which restricts any flow of water back from the storage tank to the penstock, and an additional nozzle which receives water from the storage tank and delivers it to the wheel; substantially as shown and described.

1,622,764. GLARELESS LAMP. ARNOLD VIVIAN CASSELS, South Brisbane, Queensland, Australia, assignor of three-eighths to James Milne Stewart, South Brisbane, Australia. Filed Aug. 29, 1925, Serial No. 53,414, and in Australia Oct. 6, 1924. 3 Claims. (Cl. 240—41.)



1. In a glareless lamp the combination of a shell, two colored translucent electric light lamps disposed in said shell, a plain reflector also arranged within the shell and coacting with one of said lamps, and a perforated double sides reflector coacting with both of said lamps.

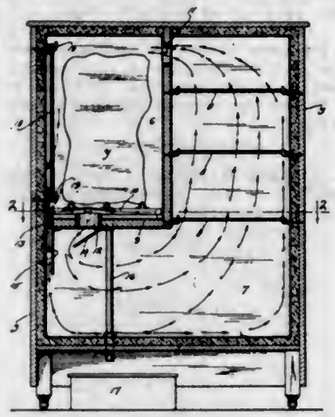
1,622,765. GEARED LOCOMOTIVE. ALBERT CLAYPOOLE, Portland, Oreg., assignor to Willamette Iron & Steel Works, Portland, Oreg., a Corporation of Oregon. Filed May 14, 1925. Serial No. 30,342. 4 Claims. (Cl. 105—117.)



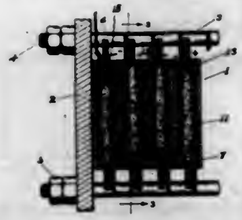
1. In a geared locomotive, the combination of a truck frame having bearing cavities therein; an axle; wheels on the axle; a driven gear locked with the axle; a longitudinal drive shaft; bearings on the frame for the drive shaft; a driving gear on the drive shaft meshing with the driven gear; bearing plates in the cavities resting on the axle and supporting the frame; and means below the axle locking the frame against lifting on the axle through the thrust of the driving gear.

1,622,766. REFRIGERATOR. HARRY S. CLEVELAND, Minneapolis, Minn. Filed July 12, 1926. Serial No. 121,867. 2 Claims. (Cl. 62—51.)

1. A refrigerator comprising a case having therein an ice chamber located above its bottom and at one side of the upper portion of its provision chamber, said ice chamber having in its bottom at least two cold air ports spaced transversely the one being closer to the outer wall of the ice chamber than the other, and deflectors applied to and depending from the bottom of said ice chamber, both deflectors directing the cold air into the same provision chamber of said case, the one directing the cold air downward close to the outer wall of said case and the other directing the cold air toward the outer or first noted deflector.

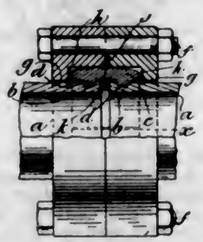


1,622,767. SECONDARY BATTERY. THEODORE S. COLE, New Haven, Conn., assignor to Engineers Development Company, a Partnership composed of Frederick E. Pernot and Carl Kingsley. Filed July 25, 1921. Serial No. 487,456. 7 Claims. (Cl. 136—111.)



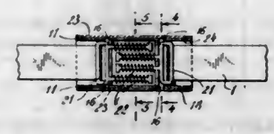
1. A secondary battery comprising a plurality of juxtaposed electrically connected self-contained unit cells, insulating diaphragms fixed on and extending outwardly in all directions from the wall of each of said cells, and clamping means for said cells separately engageable with the edges of the diaphragms for releasably securing the cells in their juxtaposed electrically connected relation, and for holding said diaphragms and the cells on which they are fixed against lateral displacement.

1,622,768. PIPE JOINT AND CONNECTION. HENRY DENMAN COOK, Kingsway, London, and GUSTAF HARALD LUNDGREN, Putney, London, England. Filed Oct. 6, 1924. Serial No. 741,984, and in Great Britain June 4, 1924. 5 Claims. (Cl. 285—132.)



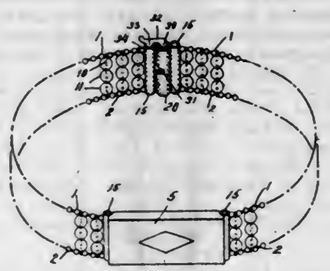
1. A pipe joint comprising a cylindrical housing, a locating ring wholly enclosed by said housing and having an external diameter less than the internal diameter of said housing whereby said ring is freely receivable into said housing, parallel internal annular projections spaced apart along said locating ring and adapted for having free revoluble engagement with annular surfaces of the pipe ends to be jointed, and packing rings confined between ends of the locating ring and annular housing.

1,622,769. BRACELET. EDWARD A. COOMBS, Plainville, Mass., assignor to Whiting Chain Company, a Corporation of Massachusetts. Filed May 7, 1924. Serial No. 711,579. 3 Claims. (Cl. 267—73.)



1. For use in combination with an ornamental article of the encircling type, a take-up device comprising a casing, plunger members having portions thereof slidable into said casing and having ends adapted for attachment to the ends of the encircling article, springs within the casing for normally holding the plunger members in retracted position, and a cover member overlying the casing and plunger members adapted to conceal the same even through the plunger members be in their extended position.

1,622,770. BRACELET. EDWARD A. COOMBS, Plainville, Mass., assignor to Whiting Chain Company, a Corporation of Massachusetts. Filed Jan. 21, 1926. Serial No. 82,643. 3 Claims. (Cl. 63—4.)

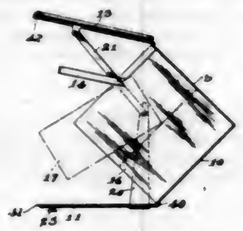


1. An article of jewelry of the encircling type comprising a plurality of pairs of chains, each of said chains consisting of hollow balls connected together by dumb-bell-shaped links, rigid members connecting corresponding alternate links of the respective chains in each pair, said rigid members maintaining said chains in substantially parallel relation throughout their lengths, beads strung upon the rigid members, the beads and the rigid members filling substantially the entire portion of the space between the pairs of chains, and means for holding the pairs of chains together.

1,622,771. SHOW CASE. FRANK DAVIS, Portland, Oreg. Filed Apr. 5, 1924. Serial No. 704,485. 1 Claim. (Cl. 211—25.)

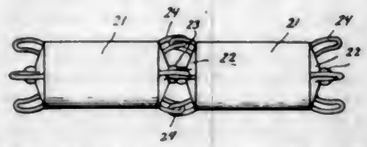
In a show case, having a supporting stand, a plurality of case supporting racks adjustably supported thereby,

a plurality of carton receiving cases detachably secured in said racks, pivoted interconnected tops and shelves attached to each of said cases, a pivoted band attached to



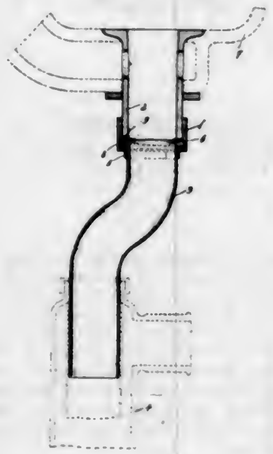
the top of each of said cases and positioned below said main tops or covers, and means for supporting said shelf when in lowered position to limit the movementa thereof.

1,622,772. FLEXIBLE SHAFTING. JOHN T. DUNN, North Attleboro, Mass. Filed June 29, 1926. Serial No. 119,346. 1 Claim. (Cl. 64—30.)



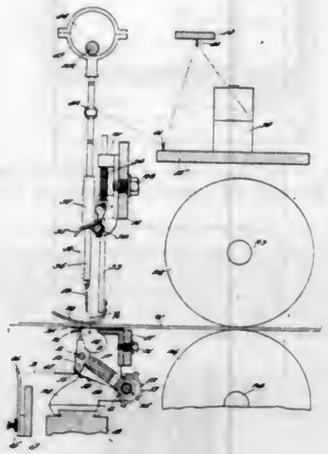
A flexible shafting of the class described including a plurality of sections, each section including a body having outwardly projecting conical-shaped ends, eyes at the apices of said ends, a series of arcuate elongated loops at the base of each end, the loops and the eyes of the sections being interlinked for connecting the sections together.

1,622,773. SCREW-CONNECTION FOR SIPHONS OF WASHBASINS, FOUNTAINS, AND THE LIKE. HANS FAHNENSCHMIDT, Cassel, Germany. Filed June 4, 1925, Serial No. 34,997, and in Germany Sept. 24, 1923. 1 Claim. (Cl. 285—122.)



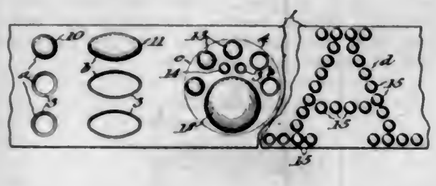
A screw-cap connection for pipes, of which one is to be adjustable relatively to the other, comprising, in combination with the connection-ends of said pipes, a flange pertaining to one of said ends and contacting at its tightening surface with the tightening end surface of the other pipe, and having an oblique bottom surface; a cap-nut screwed upon the end of said other pipe and having its inwardly directed flange located opposite said oblique bottom surface of the first-mentioned flange, and remote therefrom; and an annular member comprising a ring located in the space between the two flanges and having opposite the said oblique surface a corresponding oblique surface, and a tubular extension extending outwardly along the flanged pipe between it and the flange of the said screw-cap.

1,622,774. SEWING MACHINE. LEWIS F. FALES, Walpole, Mass. Filed Mar. 24, 1924. Serial No. 701,249. 4 Claims. (Cl. 112—200.)



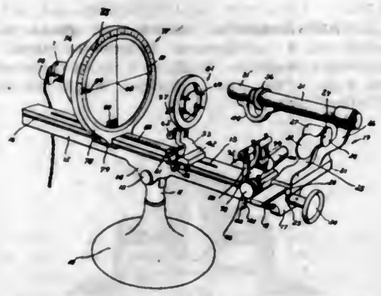
1. In a sewing machine, in combination, a needle, means for feeding the work substantially continuously independently of said needle, means for moving said needle toward and from the work to penetrate the latter and in the direction of feed to cause said needle to move with the work while in engagement therewith, a looper cooperating with said needle, and means for moving said looper without reversal in a closed substantially elliptical path surrounding the path of movement of the needle.

1,622,775. ORNAMENTAL BODY. EDWARD J. FINK, Bronx, N. Y. Filed Sept. 12, 1925. Serial No. 56,097. 3 Claims. (Cl. 41—30.)



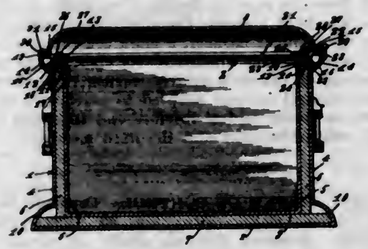
1. An ornamental structure of the character described, comprising a plate having substantially plane surfaces and an opening extending from one plane surface to the other, and a body of vitreous material in said opening, having portions preventing removal of the body in either direction, one end portion presenting a symmetrically rounded surface having the characteristics of a highly polished cabochon surface.

1,622,776. LENS-TESTING INSTRUMENT. LYLE H. FISHER, Kansas City, Mo., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Sept. 13, 1924. Serial No. 737,565. 15 Claims. (Cl. 88—56.)



1. In a device of the character described, a support, a centered target on the support, a member carrying a centering sight and a focusing sight and means for moving said member to align either the centering sight or the focusing sight with the target as described.

1,622,777. BURIAL CASKET. WILLIAM J. FLEEMAN, St. Joseph, Mo. Filed June 19, 1926. Serial No. 117,083. 5 Claims. (Cl. 27—3.)



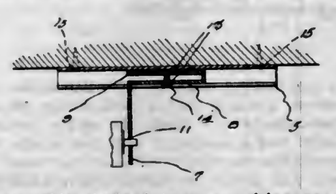
1. A burial casket comprising a body portion formed of an outer and an inner section of metallic material and a non-metallic insert interposed throughout between said sections, said inner section provided at its top with an outwardly directed flange seated on the top of said insert and arranged below the top of said outer section, a compressible element mounted on said flange, a transparent inner closure for said body portion hinged at its rear to the top of said outer section, said closure seated on said element, interengaging means anchored against said insert by said flange and further extending through said closure, element and flange for fixedly securing said closure in air tight position, and an outer closure for said body portion.

1,622,778. BY-PASS VALVE STRUCTURE. PAUL L. FOWLER, Spokane, Wash., assignor to Arthur-Fowler Co., Spokane, Wash., a Corporation of Washington. Filed Sept. 15, 1925. Serial No. 56,506. 1 Claim. (Cl. 236—93.)

A circulation controlling by-pass valve structure, comprising, a substantially vertically disposed hot water circulation by-pass pipe, a valve interposed in a vertical portion of said pipe, a floating closure for said valve opening downwardly and closing upwardly therein, and a thermostatic strip in said valve having its upper end loosely connected with said closure and its lower end anchored in said pipe, and said thermostatic strip being constructed to lengthwise contract to un-seat said closure downwardly against ascending water when the latter is relatively hot and substantially lengthwise expand to seat said closure upwardly against descending water when the temperature of the latter is relatively cold, thereby preventing hot water from backing downwardly in said pipe.

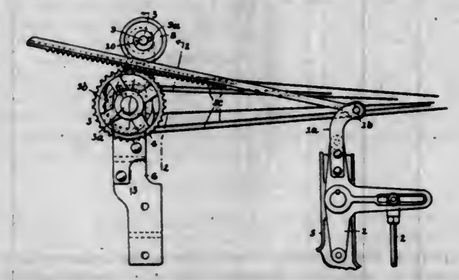


1,622,779. ADJUSTABLE SHADE BRACKET. LOUIS FRASCA, Torrington, Conn. Filed Oct. 29, 1923. Serial No. 671,391. 1 Claim. (Cl. 156—24.)



An adjustable shade fixture comprising an attaching member including a base provided along its upper and lower longitudinal edges with guide channels, an adjustable shade bracket embodying a U-shaped portion slidably positioned in said guide channels, the opposed walls of said U-shaped portion being in equally spaced parallelism from end to end and the outer wall of the same frictionally engaging the outer wall of said channels, the inner walls being spaced from said base plate, both of said walls being provided with alined screw-threaded holes, a laterally and outwardly extending arm carried by the outer wall of the U-shaped member and provided with upper and lower notches for reception of the outer walls of said guide channels, and a screw threaded through said holes for bodily moving the U-shaped portion into binding contact with the outer wall of said channels.

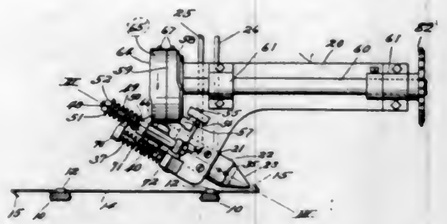
1,622,780. MOTION-TRANSMITTING MECHANISM. GEORGE GOODLINE, Pawtucket, R. I. Filed July 31, 1926. Serial No. 126,136. 2 Claims. (Cl. 74—14.)



1. In combination, supporting means, an oscillatory member journaled therein, means in the supporting means to oscillate said member including a reciprocating mem-

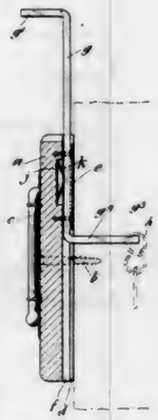
ber in tractive peripheral engagement with the first member, and keeper means to hold the reciprocating member bearing against the oscillatory member rotatively adjustable in said supporting means on an axis substantially parallel with that of the oscillatory member and having an eccentric portion to bear against the reciprocating member at a side thereof opposite to the oscillatory member, and said keeper means being also adjustable lengthwise of its axis of rotary adjustment and its said portion and the reciprocating member being interlocked for adjustment together on adjusting said keeper means lengthwise of its said axis.

1,622,781. SOLDERING FLUX AND CEMENT APPLYING DEVICE FOR CAN-MAKING MACHINES. DEWEY C. HANSEN, Kansas City, Mo. Filed June 9, 1926. Serial No. 114,860. 9 Claims. (Cl. 113—95.)



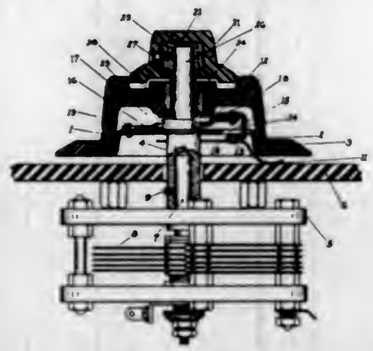
1. In a can making machine, the combination of blank feeding means, a nozzle having its discharge point in the path of one edge of the blank, air supply means and a liquid supply means connected with said nozzle, separate valves controlling the flow of said air and liquid through said nozzle, and means for automatically actuating said valves in timed relation with said blank feeding means for starting and stopping the flow through the nozzle at the opposite sides, respectively, of the blank as the latter passes beneath the discharge point of the nozzle.

1,622,782. DRAFT CONTROL. HORACE W. HEYMAN, Maplewood, N. J. Filed Aug. 31, 1926. Serial No. 132,712. 4 Claims. (Cl. 126—286.)



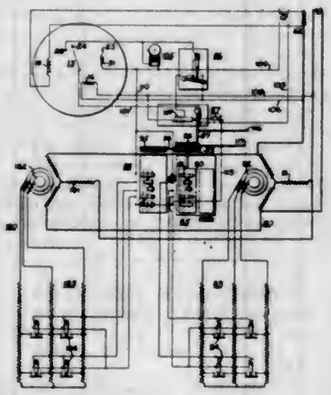
1. In a draft control, a base, means for securing it to a wall, a manually operated slide for controlling the draft regulator of a heating plant, an outwardly projecting arm at the top of the slide for manual operation, an inwardly projecting arm at the bottom of the slide, means to connect the last named arm to the draft control means of a heating plant, a channel in the rear face of the base to receive the slide, and a countersunk plate secured to the rear face to slidably secure the slide to the base.

1,622,783. VERNIER ADJUSTMENT MEANS FOR ELECTRICAL INSTRUMENTS. NICHOLAS HEYMAN, Buffalo, N. Y., assignor to Federal Telephone Manufacturing Corporation, Buffalo, N. Y., a Corporation of New York. Filed Dec. 19, 1924. Serial No. 756,895. 8 Claims. (Cl. 74—7.)



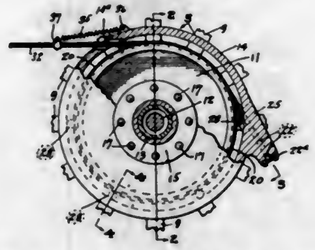
1. In an adjustment control apparatus, a fixed member, a shaft rotatable relative thereto, a resilient member slidable on the fixed member, the shaft being rotatable relative to the resilient member, a main control member fixed to the shaft, a lever pivoted at its ends to the resilient member and to the main control member respectively, and a second control member adapted to coact with the lever to move the main control member and the shaft relative to the resilient member and the fixed member.

1,622,784. SYSTEM OF CONTROL. FREDERIC W. HILD, Los Angeles, Calif. Filed Jan. 25, 1923, Serial No. 614,939. Renewed Dec. 17, 1925. 31 Claims. (Cl. 255—19.)



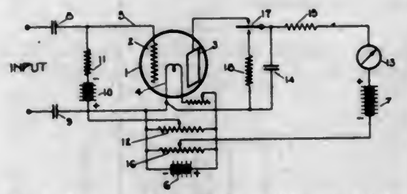
1. In a control system for a variable load, the combination with driving means for said load, of means for maintaining a definite limiting power difference from the changing maximum value of said load in the operation of said driving means.

1,622,785. CABLE BRAKE. WILLIAM FAY HOLLINGSWORTH, San Francisco, Calif., assignor of one-half to John Henry Blair, San Francisco, Calif. Filed June 21, 1926. Serial No. 117,448. 4 Claims. (Cl. 188—77.)



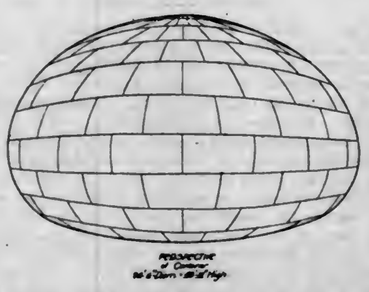
1. A cable brake comprising a brake drum and a cable wrapped more than once around said drum and a retractive spring for each end of the cable tending to pull it towards said drum.

1,622,786. VACUUM-TUBE VOLTMETER. LAWRENCE C. F. HORLE, Newark, N. J., assignor to Federal Telephone Manufacturing Corporation, Buffalo, N. Y., a Corporation of New York. Filed June 27, 1925. Serial No. 40,055. 6 Claims. (Cl. 175—183.)



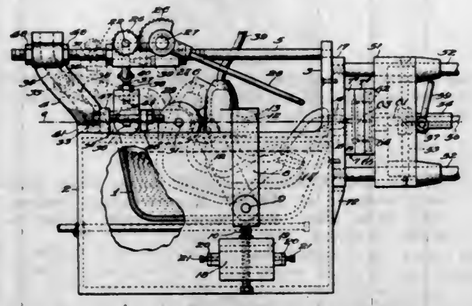
1. In a vacuum tube voltage measuring system, an anode, a cathode, an output circuit including the cathode and anode, a voltage indicating device associated with said circuit, an impedance of predetermined calibration value adapted to be connected into said circuit in place of the anode and cathode, and means comprising the voltage indicating device and the impedance for redetermining the original calibration conditions of the system.

1,622,787. CONTAINER. GEORGE T. HORTON, Chicago, Ill. Filed Nov. 5, 1925. Serial No. 67,094. 11 Claims. (Cl. 220—1.)



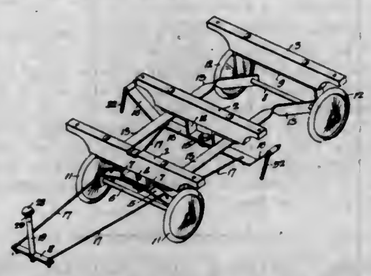
1. A closed container substantially in the shape of a solid of revolution about a vertical axis and having a supported bottom, said container so shaped that when substantially filled with a normal liquid and containing a normal internal or vapor pressure, the radius of curvature at each point on the shell above the supported bottom in a vertical plane, through a line normal to the shell at that point, equals the vertical tension at such point times the square of the radius of curvature in a plane at right angles to the first mentioned plane and also passing through said normal line, divided by the pressure at such point times the square of said second mentioned radius minus said vertical tension times said first mentioned radius.

1,622,788. DIE-CASTING APPARATUS. EDWARD HOTTER, Chicago, Ill. Filed Nov. 24, 1924. Serial No. 751,779. 24 Claims. (Cl. 22—69.)



1. In a die casting apparatus, the combination with a pot and a die having an inlet opening, of a pivotally supported container having a nozzle, and means having a cam action on the container for moving its nozzle end into and out of the inlet opening of the die and for submerging the nozzle end of the container in the molten metal in the pot for charging the container, said means automatically establishing a horizontal line lock for holding the container engaged with the die on the container reaching discharging position.

1,622,789. SLED AND WAGON. EDWARD H. KENNEY and ELIZABETH KENNEY, Philadelphia, Pa. Filed Apr. 14, 1925. Serial No. 23,008. 4 Claims. (Cl. 280—8.)



1. An attachment, for a sled provided with a steering element, comprising a wheeled frame adapted to be secured to the under side of the sled body intermediate the runners of the sled, whereby the sled is supported with the runners in an elevated position; a pair of forward wheels and a pair of rear wheels mounted on the frame; and guiding means on said frame and adapted to be attached to the sled steering element for directing the forward wheels of the frame to direct the vehicle.

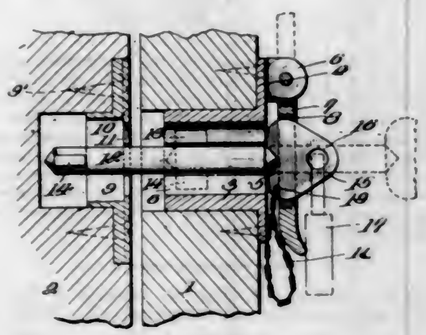
1,622,790. CASH REGISTER. JOSEPH J. KLOSTERMAN, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a Corporation of Maryland. Filed June 14, 1926. Serial No. 115,910. 4 Claims. (Cl. 235—138.)

1. In a transfer mechanism, the combination of a totalizer element, a carrying pawl, a trip pawl, a restor-

ing pawl for the carrying pawl, and means for tripping the trip pawl and the restoring pawl, said trip pawl being adapted to be tripped as the totalizer element reaches its zero position and the restoring pawl being adapted to be tripped prior to the trip pawl.



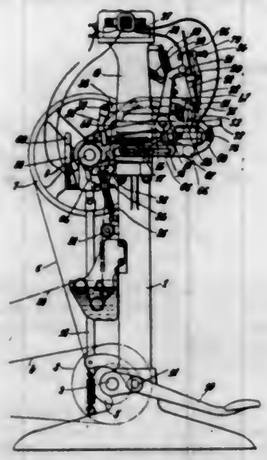
1,622,791. DOOR BOLT. PHILIP LANG, Cedar Falls, Iowa, assignor to Wagner Manufacturing Company, Cedar Falls, Iowa. Filed Sept. 24, 1925. Serial No. 58,369. 8 Claims. (Cl. 292—59.)



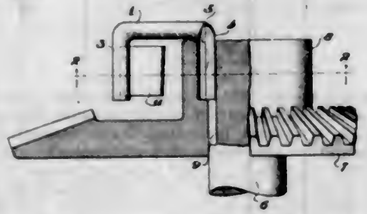
1. A door bolt comprising a tubular body portion having a key slot therethrough, a keeper having a key slot therein, a key having oppositely arranged wings at one end, adapted to pass through the key opening and to be turned so that the wings engage the rear face of the keeper, and a pivoted lever carried by the tubular body portion, and having a slot to allow the flattened head of the key to pass therethrough, and having an opening to receive the hasp of the padlock, whereby the lever prevents the turning of the key.

1,622,792. MACHINE FOR ELECTRIC WELDING, SOLDERING, OR THE LIKE. JACQUES EMILE JULES LANGUEPIN, Paris, France. Filed May 18, 1926, Serial No. 109,967, and in France May 23, 1925. 2 Claims. (Cl. 219—4.)

1. An automatic machine for electric welding, soldering and the like, for joining metal wire and the like to a member of any shape, said machine comprising a shaft rotating at a suitable speed such that one turn corresponds to one complete joining operation, cams on said shaft, a welding electrode, a welding transformer, an electrode holder, a claw on said electrode holder, an adjustable tension spring, a lever adapted to move said electrode holder through the action of said tension spring, said electrode holder claw being adapted to enable use to be made of a long electrode which is moved down as it wears away, said cams controlling the movements of said lever, means for gripping the wire and a cam and a set of levers for advancing the wire, a knife adapted to cut the wire to the desired length, said knife acting under the control of said cams, a switch connected in the primary of said transformer, said cams controlling said switch, a piece of work upon which the point is to be made, a member holding said piece of work in place and adapted to let said piece of work fall at the completion of an operation.



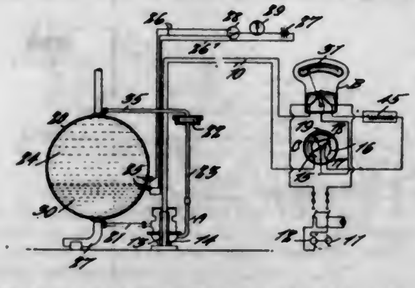
1,622,793. SAFETY KEY DEVICE. FREDERIC M. LYON, Pontiac, Ill. Filed Jan. 17, 1925. Serial No. 3,138. 2 Claims. (Cl. 192—56.)



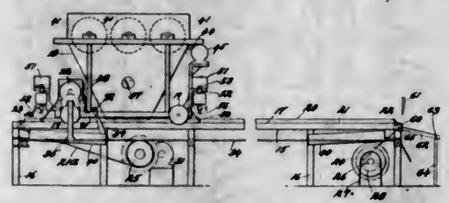
1. The combination with a shaft, of a wheel turnably mounted on the shaft, and means for interlocking under tension the shaft and wheel, said means comprising a slotted U-shaped key member and a tension spring adapted to hold one leg of the U-shaped member under tension until the exertion of a predetermined force.

1,622,794. FLUID-PRESSURE-OPERATED MEANS FOR INDICATING THE QUANTITY AND SPECIFIC GRAVITY OF THE LIQUID CONTENTS OF TANKS. HAROLD MARTIN, Portsmouth, England. Filed Aug. 7, 1926, Serial No. 127,932, and in Great Britain Mar. 4, 1925. 2 Claims. (Cl. 177—351.)

1. A manometric fluid pressure operated means for indicating the quantity of the liquid contents of a tank in which the fluid being measured, as oil, is replaced by another fluid, as water, comprising a differential pressure device, means for connecting one side of the device to the upper part of the tank and means for connecting the other side of the device to the lower part of the tank, a variable resistance, means whereby the resistance is controlled by the differential pressure device, and means for indicating the value of the variable resistance to thereby indicate the level of the oil in the tank, said means comprising a source of energy, a ratio coil indicator having two coils, a circuit including the variable resistance and one of the coils of the indicator and the source, a second circuit between said source and the other coil of the indicator, and means for compensating for variations in the specific gravity of oils of different densities which may be placed in the tank comprising a variable resistance included in each one of said circuits, and a common operating means for said variable resistance including a scale calibrated for specific gravity, whereby proportional amounts of said last named variable resistances may be simultaneously included in or excluded from the respective circuits.

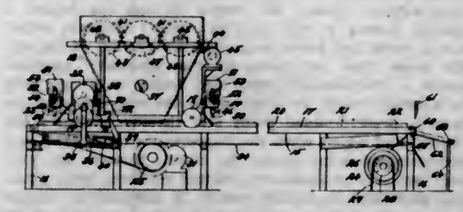


1,622,795. APPARATUS FOR FORMING COMPOSITE MICA SHEETS. LOUIS MCCARTHY, Boston, Mass., assignor to The Macallen Company, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 6, 1922. Serial No. 599,248. 25 Claims. (Cl. 154—2.5.)



1. A machine of the character described comprising, in combination, a bed, means for showering plates or flakes of mica or the like by gravity upon said bed, means for relatively moving said bed and showering means, means for applying a binder in liquid form to the plates or flakes upon the said bed, and means for rolling said plates or flakes and binder upon said bed.

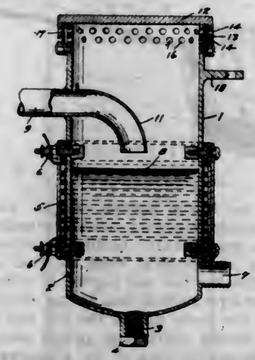
1,622,796. METHOD OF FORMING COMPOSITE MICA SHEETS. LOUIS MCCARTHY, Boston, Mass., assignor to The Macallen Company, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 6, 1922. Serial No. 599,249. 6 Claims. (Cl. 154—2.6.)



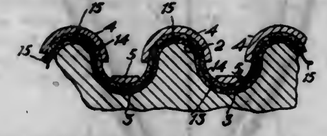
1. The herein described method of making composite sheets which includes showering the constituent flakes from an elevated source upon a suitable surface and, as the showering progresses, adding a binder in liquid form and rolling the whole upon said surface.

1,622,797. OIL BURNER. FRED MCCLOSKEY, Vallejo, Calif. Filed May 4, 1925. Serial No. 27,943. 3 Claims. (Cl. 261—12.)

1. A vaporizing apparatus of the character described, comprising a vessel partly filled with oil and having an oil inlet passage and a vapor outlet passage, a second fluid-tight vessel surrounding the same, partly filled with water, in which the first named vessel is wholly immersed, means for heating the water, pressure-operated means for cutting off the heat when the water has attained a predetermined temperature, said means being wholly exposed to the interior of the second chamber, and means for discharging air under pressure against the surface of the oil allowing the air to absorb vapors from the oil and to rise with the same through the vapor outlet passage.

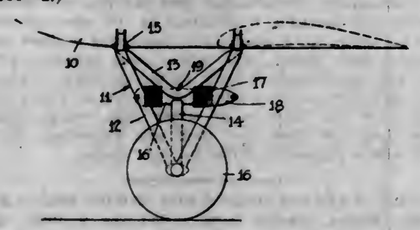


1,622,798. HAIR-WAVING DEVICE. VELERIE JULIA MOUGIN, Springfield, Mass. Filed July 7, 1926. Serial No. 120,944. 7 Claims. (Cl. 132—32.)



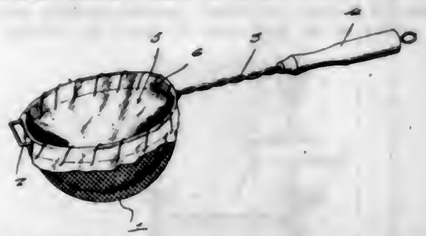
1. A device for the purpose described comprising a mold member which is formed with a plurality of elevations and depressions, clamping members pivotally attached to the mold member at one edge and releasably secured to the opposite edge of the mold, means for retaining a layer of the hair in place while being treated comprising an upper and lower layer of chemically treated fabric material for moistening the hair between the layers, the clamping bars being designed to engage the upper side of the upper layer of moistened fabric material, and means for heating the mold member for imparting heat to the hair being treated.

1,622,799. AEROPLANE LANDING GEAR. HARVEY C. MUMMERT, Hammondsport, N. Y., assignor to Aerial Service Corporation, a Corporation of New York. Filed Dec. 17, 1925. Serial No. 75,896. 6 Claims. (Cl. 244—2.)



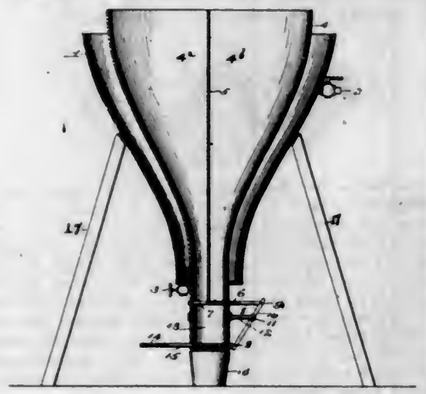
1. A landing gear for aeroplanes including a pair of substantially triangular relatively movable frames, and a shock absorber connection between said frames for resisting such relative movement.

1,622,800. JELLY STRAINER. IDA M. MUINCH, Rockport, Mo. Filed Aug. 4, 1925. Serial No. 48,094. 1 Claim. (Cl. 210—162.)



A device for use in the making of jelly, comprising a rim, a handle fixedly connected to and extending radially from the rim, a semi-globular portion of reticulated material carried by and pendent from the rim, a straining cloth dished within the rim and portion of reticulated material and draped over the rim and having an exterior portion pendent at the outer side of the rim and reticulated portion, and a thread stitched or passed above the rim and through opposed portions of the straining cloth and also through interstices of the reticulated portion, whereby the straining cloth is maintained in working position with its bottom above and in spaced relation to the bottom of the reticulated portion.

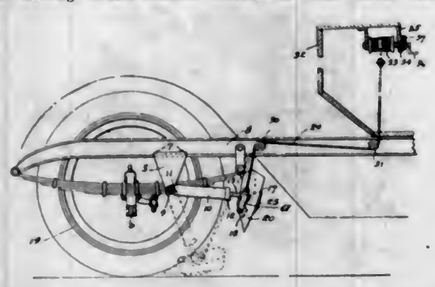
1,622,801. FUNNEL. PIERCE T. MURPHY, New Orleans, La. Filed Nov. 9, 1925. Serial No. 67,804. 2 Claims. (Cl. 221—112.)



1. In a measuring and dispensing funnel, a downwardly tapering receptacle provided with a vertical partition forming compartments in said receptacle, said funnel terminating in a measuring receptacle, said measuring receptacle being provided with sliding valves extending horizontally therethrough near the top and bottom thereof, said partition terminating at the upper of said valves, a jacket for a temperature regulating medium surrounding said funnel, said valves being provided with ports and controlled by a lever, by the operation of which lever said ports may be selectively opened or closed and portions of the contents of either funnel-compartment drawn into and discharged from said measuring receptacle, and a supporting-frame for said device.

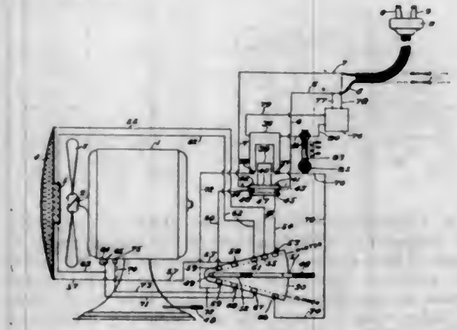
1,622,802. PARKING DEVICE FOR MOTOR VEHICLES. JOHN MYERS, Oroville, Calif. Filed Nov. 9, 1925. Serial No. 67,987. 3 Claims. (Cl. 180—1.)

1. In combination with a motor vehicle, an extensible support pivotally connected at one end to the frame of the vehicle and disposed rearwardly of the front axle thereof and adapted to swing upwardly and rearwardly from a substantially vertical position, shoe members carried by the support and constructed and arranged to extend under the rear lower segments of the front wheels and having frusto-conical rollers in their lower faces



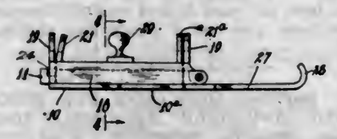
adapted to make contact with the ground when the support extends downwardly whereby the front wheels of the vehicle are caused to ascend the shoes upon rearward movement of the vehicle.

1,622,803. ELECTRICAL HEATING AND COOLING APPARATUS. WILLIAM J. NOONAN, Mansfield, Mass. Filed May 19, 1923. Serial No. 640,098. 6 Claims. (Cl. 219—20.)



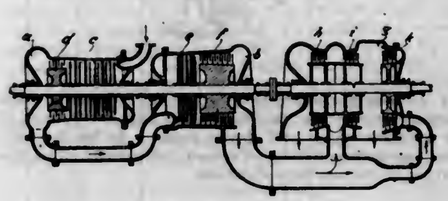
5. In a device of the character described, an electric circuit, a motor within said circuit, a fan driven by said motor, a shunt circuit having a heating coil therein, a manually controlled switch which is adapted to be moved to close the circuit through both the motor and heating coil and which may also be manually moved in another direction to close the circuit through the motor alone without closing the circuit through the heater, a solenoid having a core carrying contact members which form a make and break in a different portion of the circuit from that controlled by the manually operated switch, a thermostatic make and break in circuit with the solenoid which is closed when the temperature rises above a predetermined point and thereby energizes the solenoid and which when the temperature falls below said predetermined point breaks the circuit through the solenoid, two sets of stationary contact members with which said manually controlled switch is adapted to engage when set in different positions in one of which it is adapted to close the circuit through the motor and heater when the solenoid is de-energized and in the other of which it is adapted to close the circuit through the motor alone when the solenoid is energized, the energizing of the solenoid when said manually controlled switch is in engagement with one set of said stationary contacts being operative to break the circuit through the motor and heater and the energizing of said solenoid when the said manually controlled switch is in engagement with the other set of stationary contacts being operative to close the circuit through the motor.

1,622,804. SLIDING LOCK. JOSÉ PALACIOS, New York, N. Y. Filed Mar. 27, 1924, Serial No. 702,302. Renewed Aug. 25, 1926. 6 Claims. (Cl. 292—153.)



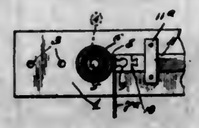
1. A lock comprising a casing element, a bolt slidable therein, a frame hinged to the rear end of said bolt and adapted to surround the casing element, and registering ears on said frame and said casing adapted to receive the shackles of padlocks.

1,622,805. STEAM TURBINE. WILHELM PAPE, Berlin, Germany, assignor to Bergmann-Elektricitäts-Werke, Aktiengesellschaft, Berlin, Germany, a Corporation. Filed Feb. 10, 1925, Serial No. 8,251, and in Germany Feb. 8, 1924. 2 Claims. (Cl. 60—70.)



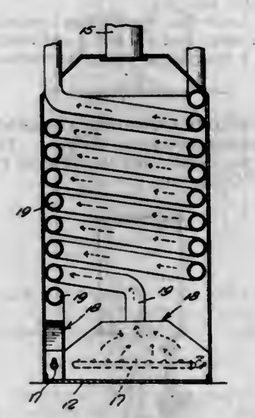
2. A multiple stage turbine consisting of two turbine sections with counteracting axial thrusts, wherein the turbine sections have both impulse and reaction stages and are mounted in separate housings, as well as a third turbine section with three reaction turbines in a separate housing, two of which are transversed with steam in opposite directions, while the axial thrust of the third reaction turbine counteracts the axial pressure of the two first turbines.

1,622,806. HAND PRESS. WILLIAM PAPKE, Cincinnati, Ohio. Filed May 18, 1922. Serial No. 562,028. 1 Claim. (Cl. 153—49.)



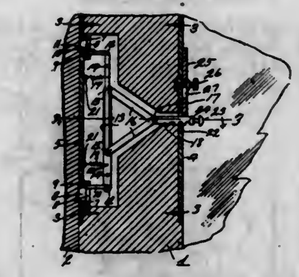
In a hand-press for producing circular rule and the like, the combination of a base-member, and adjustably-mounted block on said base-member, a stationary work-table mounted on said base-member, a removable nest of concentric former or anvil circle-dies on the work-table, a longitudinal screw-member projecting forwardly from the said block into threaded engagement with said work-table and adapted to propel the said block into compensated position along said base-member in relation to said work-table and nest of circle-die formers, a plunger or ram reciprocally movable on the work-table, a shaper or former die mounted at the fore end of the plunger, and a toggle-jointed hand-lever pivotally connected to the rear end of the said plunger, substantially as shown and described.

1,622,807. HEATING APPARATUS. THOMAS JEFFERSON PEACE, Nevada, Mo. Filed May 29, 1926. Serial No. 112,684. 1 Claim. (Cl. 126—116.)



In a heating apparatus of the class described, a substantially rectangular casing, a hot air conducting pipe connected with the top of the casing, a plurality of burners disposed in the lower portion of the casing and associated with said front and side walls thereof, a substantially frusto-conical jacket for each burner, and a combustion and gas conducting tube connected with the flattened apex portion of each jacket, these tubes being coiled upwardly through the casing and the branches of the coils being disposed in proximity to the interior of the walls of the casing, and each tube being connected at its top with a flue, the coils of the several sets being arranged in nested relation.

1,622,808. WINDOW FASTENER. JOHN RETZLAFF, Omaha, Nebr. Filed Apr. 20, 1925. Serial No. 24,607. 3 Claims. (Cl. 292—45.)

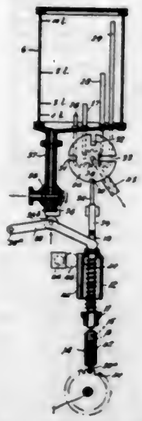


1. The combination with a window sash, of a sash holding device, said sash holding device comprising a notched bar, a holding means cooperating with the notched bar for holding the same in adjusted position, diverging links pivotally connected to the notched bar, pivoted overlapping rock levers, said diverging links being pivotally connected to the overlapped ends of the rock levers, pivoted window frame engaging members, said window frame engaging members extending towards each other, link connections between the rocking levers and the adjacent ends of the window frame gripping members, and spring means cooperating with the rock levers and normally maintaining the gripping members out of engagement with the window frame.

1,622,809. INSULATING LIQUID. CLARENCE J. RODMAN, Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 25, 1921. Serial No. 510,317. 8 Claims. (Cl. 252—1.)

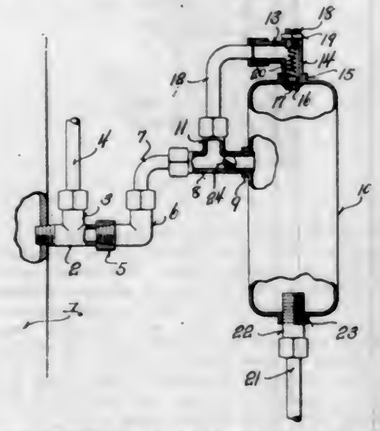
1. A liquid insulating composition comprising hydrocarbon mineral insulating oil and a chlorinated methane derivative and a chlorinated benzol derivative therein.

1,622,810. LIQUID-DISPENSING APPARATUS. CARL ADOLPH SCHAEFFE, Hamburg, Germany. Filed Feb. 19, 1925, Serial No. 10,324, and in Germany Feb. 6, 1924. 4 Claims. (Cl. 221—100.)



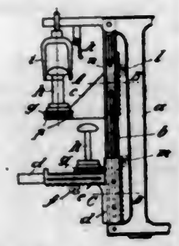
1. In a liquid dispensing device, a measuring chamber, means for limiting the height of liquid in said chamber to any of several values, a delivery pipe leading from said chamber, a valve in said delivery pipe, a registering device, actuating means for said registering device, means associated with said limiting means for defining the movement of said actuating means, and means associated with said valve for operating said actuating means.

1,622,811. AIR-INLET DEVICE FOR MANIFOLDS. ERNEST R. SCHATZ, Racine, Wis. Filed June 5, 1925. Serial No. 35,140. 2 Claims. (Cl. 123—124.)



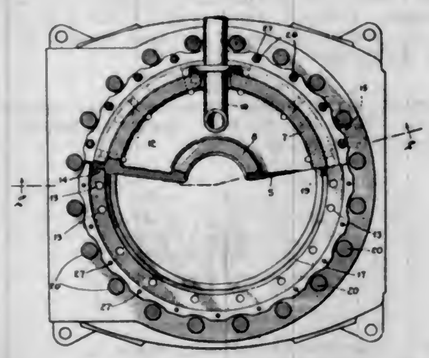
1. The combination of an intake manifold of an internal combustion engine, of an air heating device comprising a tank, a pipe leading directly from said tank to said intake manifold, a valve interposed between said tank and said intake manifold and adapted to be manually controlled, a pipe connecting said tank and said first mentioned pipe at a point between said valve and said intake manifold, a spring urged valve controlling communication from said tank to said manifold through said second mentioned pipe and a supply pipe opening into said tank.

1,622,812. DOFFING MECHANISM FOR SPINNING, TWISTING, AND LIKE MACHINES. HEINRICH SCHNEIDER, Lenzburg, Switzerland. Filed July 30, 1924, Serial No. 729,130, and in Germany Feb. 5, 1924. 12 Claims. (Cl. 118—18.)



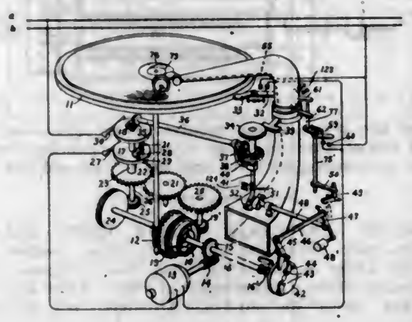
1. In doffing mechanism for spinning, twisting and like machines in combination, bobbin rails disposed in front of the machine frames and special guide rails for the spinning and doffing motion, disposed independent from the spacing of the machine standards.

1,622,813. CYLINDER AND HEAD CONSTRUCTION. RUDOLPH SCHNEIDER, St. Louis, Mo., assignor to Busch Sulzer Bros.-Diesel Engine Co., St. Louis, Mo., a Corporation of Missouri. Filed July 16, 1923. Serial No. 651,746. 7 Claims. (Cl. 123—173.)



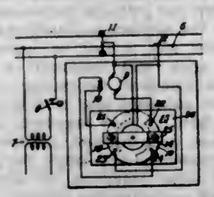
1. In an internal combustion engine, a cylinder and a cylinder head having water jackets in communication by passages within said members, and which cylinder makes with said cylinder head distinct and separately packed and tightened annular joints, respectively within and without the water space for respectively preventing escape of gaseous products to the cooling water and of water to the atmosphere, compression of the inner joint being effected by tightening the cylinder head bolts, and axially adjustable means for compressing the packing of the outer joint.

1,622,814. PHONOGRAPH. FRANK J. SEABOLT, Schenectady, N. Y., assignor, by direct and mesne assignments, to The Phonograph Company, a Corporation of Delaware. Filed Sept. 23, 1919. Serial No. 325,766. 50 Claims. (Cl. 274—10.)



1. The combination with a phonograph or the like for playing disc records of a stack of records arranged adjacent to the phonograph, means for biasing the records towards a position to be shifted, a stop engaged by the exposed record in shifting position so that when that record is removed the stack of records will automatically move to bring the next record to shifting position, and means for automatically shifting the exposed records successively from the stack to playing position on the table and then shifting them from playing position.

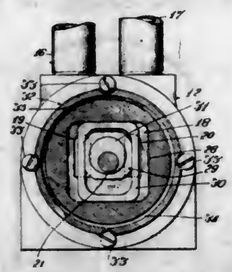
1,622,815. CONTROLLING DEVICE. HARRY P. SPARKES, Pittsburgh, Pa., assignor of one-half to B. H. Smith, Swissvale, Pa. Filed Dec. 17, 1923. Serial No. 681,216. 5 Claims. (Cl. 104—151.)



1. In a toy electric train system, the combination with two uninsulated rails and an insulated third rail, a locomotive having a current collector for the third rail, a motor and a reversing switch connected to the current collector, of a pawl and ratchet device for actuating the reversing switch, an electromagnet connected to the current collector for actuating the pawl and ratchet device, and a manually operable switch normally biased to the closed position for controlling the energization of the third rail whereby the motor may be started, stopped and reversed solely by the opening and closing of the last-mentioned switch.

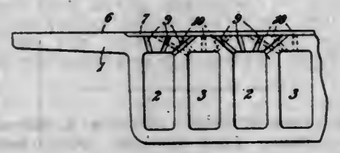
1,622,816. ROTARY PUMP. FRANK EARL SPERRY, Batavia, Ill. Filed Mar. 20, 1924. Serial No. 700,553. 15 Claims. (Cl. 103—160.)

1. In a pump, the combination with a casing having a substantially flat bearing surface provided with inlet and outlet ports, and a cover overlying said bearing surface and forming a pressure chamber thereover, of a rotor comprising a member arranged to bear laterally against said bearing surface and providing a chamber overlying



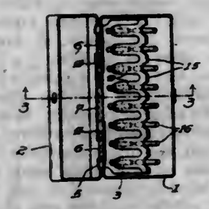
said ports, and pistons in the latter chamber actuated by the rotation of the rotor to move transversely of the axis thereof and angularly relatively to each other.

1,622,817. METHOD AND APPARATUS FOR PRODUCING A CONTINUOUS STRIP OF GLASS. FREDERIC BARNES WALDRON, Prescot, England, assignor to Pilkington Brothers Limited, Liverpool, England. Filed Nov. 1, 1924, Serial No. 747,159, and in Great Britain Nov. 9, 1923. 11 Claims. (Cl. 49—17.)



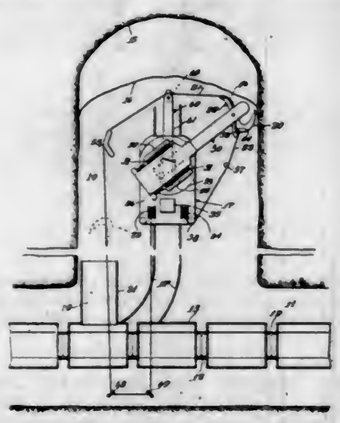
1. In apparatus for producing a continuous strip of glass comprising a bed adjacent to which the glass passes, means operative to prevent the glass coming into contact with the bed, consisting of a layer of air in motion between the glass and bed through which the latter air is supplied and mainly removed.

1,622,818. CASE OR BOX. SAMUEL H. WISMER, Palmyra, and JOHN HENRY THAIDIOSMAN, Delanco, N. J., assignors to Victor Talking Machine Company, a Corporation of New Jersey. Filed Aug. 21, 1924. Serial No. 733,285. 8 Claims. (Cl. 206—16.)



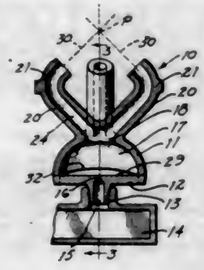
1. In a container for small articles, the combination of a box, a lid and a holder all pivoted together so that when the lid is opened the free edge of the holder swings above the edge of the box, said holder being provided with means to frictionally hold a small article with one end thereof projecting beyond the free edge of said holder and also with relatively rigid means to prevent the projecting end of said article from being substantially moved in a direction transversely to the axis of the article.

1,622,819. SCRAPER LOADING APPARATUS. ROBERT J. WOOD, Spring Hill, W. Va., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 17, 1923, Serial No. 625,752. Renewed Sept. 7, 1926. 6 Claims. (Cl. 37—115.)



1. In a scraper apparatus, in combination with a base, a projecting beam movable angularly respective to said base, a rocking member on said beam, a scraper, and draft means for reciprocably moving said scraper extending about said rocking member whereby said scraper is movable into lateral engagement with said rocking member during a portion of its reciprocable movement.

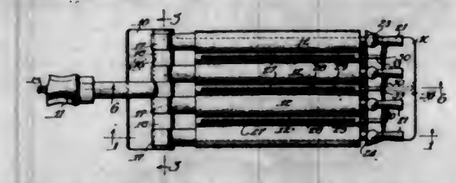
1,622,820. GAS BURNER. WILLIAM B. BASTIAN, Los Angeles, Calif. Filed June 30, 1926. Serial No. 119,572. 3 Claims. (Cl. 158—106.)



1. A gas burner, comprising: a substantially hemispherical mixing bowl; a cross-bar formed across the mouth of said bowl, the mouth of said bowl being open on opposite sides of said bar; a nipple formed upon said cross-bar, there being a passage for gas formed through said nipple and said cross-bar whereby a stream of gas is projected into said mixing bowl; and a plurality of burner tubes connecting with the upper portion of said mixing bowl and diverging from their point of connection, the ends of said tubes being turned inward so that all the burning streams of gas directed from said tubes meet at a point upon the axis of said burner.

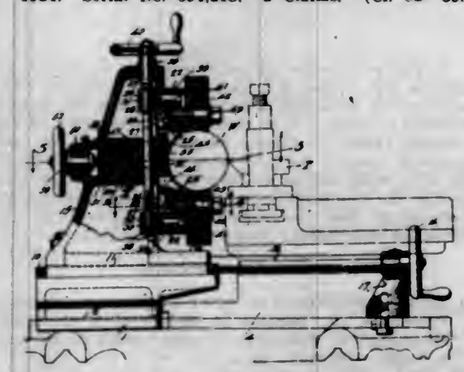
1,622,821. MARCEL WAVER. CORA G. BEESLEY, Chicago, Ill. Filed July 18, 1924. Serial No. 726,656. 17 Claims. (Cl. 132—32.)

1. A Marcel waver including an iron, means for heating the iron, a comb like device co-operating with the iron, means connecting the iron adjacent one end and the said comb like device for pivotal movement one with relation to the other, means mounting the comb like device for bodily adjustment in directions lengthwise of the iron and within the confines of the ends of the iron, and means for locking the iron and the said



comb like device against relative pivotal movement, the last recited means including a yielding catch like formation co-operating with the free end of the said iron.

1,622,822. UNIVERSAL FOLLOW REST. FRANCIS BEAUFORT COCKBURN, Cincinnati, Ohio, assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Feb. 21, 1924. Serial No. 694,218. 2 Claims. (Cl. 82—39.)



1. A follow rest for engine lathes in combination with a carriage, a slide rest adapted for mounting upon the cross slideway of the carriage, a standard slidably mounted upon said slide rest, a pair of opposing jaws vertically slidable upon said standard, a single screw journaled in said standard cooperating with said jaws for simultaneously adjusting said jaws in opposing directions, a jaw slidable in said standard transversely to said pair of jaws and disposed intermediate thereof, screw means journaled in said frame for adjusting said jaw, and a feed screw journaled on said carriage and engaged with said standard for moving said standard upon said slide rest, whereby the standard and jaws as a unit can be moved toward and from the work.

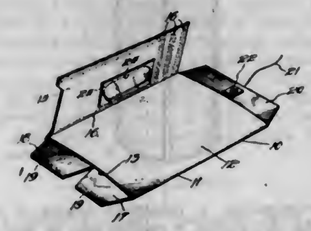
1,622,823. SCRAPER LOADING APPARATUS. EDWARD J. DOBERSTEIN, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 29, 1922, Serial No. 609,570. Renewed Sept. 7, 1926. 6 Claims. (Cl. 214—110.)



1. In a scraper loading apparatus, in combination, a movable frame adapted to span a track and provided with a passageway therethrough for cars, an inclined

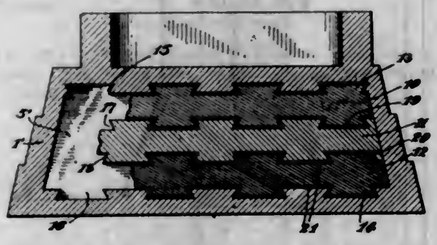
runway extending laterally from above said passageway to engage the ground, a draft operated scraper device arranged for movement along said runway, means permitting discharge of said scraper in position over said passageway, means for temporarily fixing said frame against lateral movement, and supplementary means movable on said track, adapted to support said frame bodily for transportation when said temporary fixing means are inoperable.

1,622,824. MAILING DEVICE. WILLIAM DOUGLAS MCGANN, Ravinia, and JAMES GEORGE MCGREEVY, Chicago, Ill., assignors to Ontario Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 14, 1922. Serial No. 529,124. 12 Claims. (Cl. 229—72.)



9. An article of the class described comprising, in combination, a main body portion; flaps connected to said body portion and cooperable therewith to form a plurality of compartments; means for sealing one of said compartments; and means cooperable with said sealing means for closing one end of another of said compartments.

1,622,825. CONSTRUCTION OF VAULT OR SAFE DOORS AND THE LIKE. GUSTAVE M. GOLDSMITH and CARL BARTELS, Hamilton, Ohio, assignors to The Mosler Safe Company, Hamilton, Ohio, a Corporation of New York. Filed Aug. 18, 1923, Serial No. 658,004. Renewed Aug. 12, 1926. 9 Claims. (Cl. 109—1.)

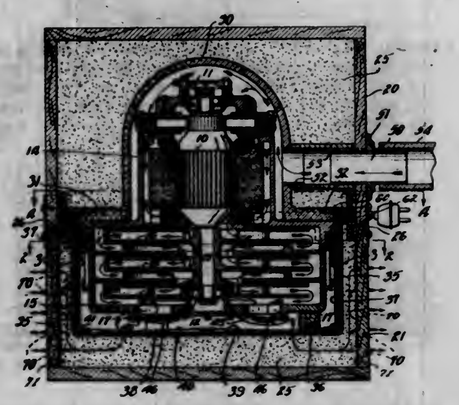


1. In safe wall construction, in combination, a metallic body portion having a central chamber, a metallic insert loosely fitted in said chamber, and flowed-in binding material intermediate said insert and adjacent portions of said body portion, filling cracks and crevices therebetween.

1,622,826. GAS-FILLED INCANDESCENT ELECTRIC LAMP WITH FILAMENT HAVING INCREASED STRENGTH. DANIEL SNYDER GUSTIN, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Nov. 29, 1924. Serial No. 752,942. 9 Claims. (Cl. 176—16.)

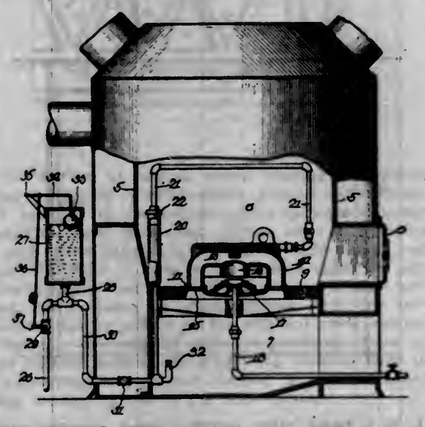
1. An incandescent, metallic filament electric lamp of the gas-filled type, containing an organic material improving the resistance of the filament to shock.

1,622,827. MEANS FOR ACTUATING PLAYER PIANOS. CLINTON H. HANSON, Chicago, Ill., assignor to The Motor Player Corporation, Chicago, Ill., a Corporation of Illinois. Filed Sept. 6, 1922. Serial No. 586,450. 19 Claims. (Cl. 230—11.)



1. In a vacuum producing device for operating player pianos, the combination with a vacuum producing unit, of a casing enclosing the unit, an enclosing housing spaced from the casing and having a vertical wall, a flexible inlet conduit connecting the housing and casing, said housing having outlet openings in said vertical wall, means acting independently of the conduit for preventing rotation of the casing with reference to the housing when the unit is placed in operation, and said housing embodying material having a different rate of sound wave conductivity than the casing material.

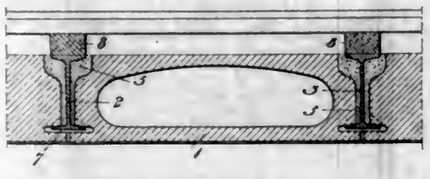
1,622,828. OIL-BURNING FURNACE. CHARLES I. HOAG, Oak Park, Ill., assignor to Standard Oil Friction Burner Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 18, 1924. Serial No. 707,360. 3 Claims. (Cl. 158—92.)



1. In a furnace, the combination of a fire-box, an oil burner comprising a burner plate, and a manifold for delivering air to the plate and which is heated by the combustion of oil on said plate, means for delivering oil to said plate, a water-chamber in the fire-box and heated by the burner, means integral with said manifold and forming a sinuous duct, said duct being connected at one

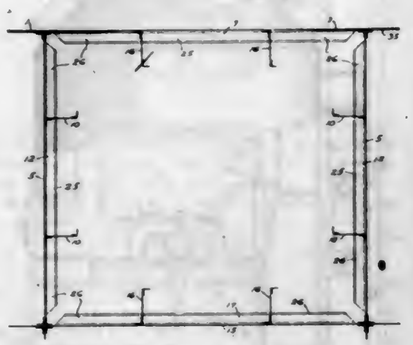
end to discharge into the air passing through the manifold and at the other end to the water-chamber to receive vapor therefrom, said duct being heated by the burner and adapted to superheat the vapor passing therethrough, and means for maintaining a column of water in the water-chamber.

1,622,829. METHOD AND ARRANGEMENT FOR MAKING NAKED FLOORING. VALTER KONSTANTIN HULTIN, Stockholm, Sweden. Filed Sept. 16, 1924, Serial No. 737,965, and in Sweden Sept. 29, 1923. 1 Claim. (Cl. 72—66.)



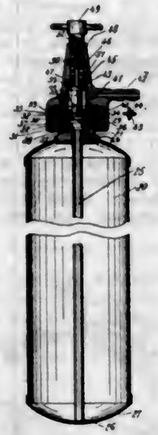
A method of constructing flooring of iron joists with a filling of bricks between them, which consists in first erecting the walls only to the height at which the flooring is to be placed and thereafter alternately laying a row of bricks upon a suitable removable support and placing a joist in contiguous relation to said row of bricks and simultaneously laying said joist in its definite places on the walls, said rows of bricks having recesses approximately corresponding in shape to the contiguous sides of the joinsts, pouring a binding liquid into the space between the bricks and the iron joists and between the bricks in contiguous rows, and continuing the erection of the walls to the height where the next flooring is to be constructed thereby to secure the iron joists therein.

1,622,830. CONSTRUCTION OF FLOATING VESSELS. JOSEPH W. ISHERWOOD, Chislehurst, England. Filed June 12, 1924, Serial No. 719,575, and in Great Britain July 17, 1923. 7 Claims. (Cl. 114—79.)



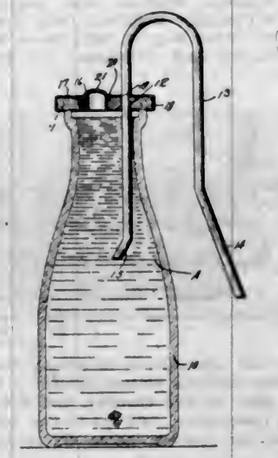
1. In a liquid cargo carrying vessel provided with a tank having walls, the combination of longitudinally and horizontally disposed stiffening members secured to said walls and of lengths insufficient for their ends to reach to the corners of said tank; and vertically disposed stiffening members secured to said walls and to said first named members, the ends of said stiffening members being devoid of brackets.

1,622,831. DISPENSING DEVICE. GEORG KIRKEGAARD, Brooklyn, N. Y. Filed Aug. 27, 1921, Serial No. 496,044. Renewed Jan. 27, 1927. 8 Claims. (Cl. 220—27.)



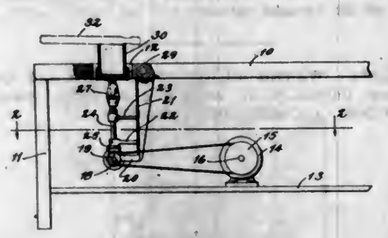
1. In combination, a receptacle having a neck, said neck having an opening, a sealing disc in said neck and adapted to seal the opening, a member having an opening registering with the opening in the neck and adapted to cooperate with the disc to seal the opening in the neck and means for normally positioning the disc out of sealing relation with respect to said member.

1,622,832. CREAM REMOVER. EDWARD G. LAMBERT, Ottumwa, Iowa, assignor of one-half to Leon Lambert, Wichita, Kans. Filed Apr. 24, 1925. Serial No. 25,601. 2 Claims. (Cl. 137—20.)



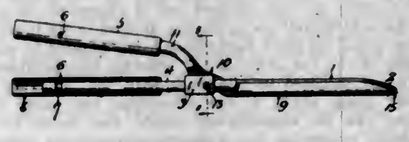
1. In a cream remover of the kind described, a closure device adapted to seal with a container top adapted to be actuated for compressing the air in the container, a siphon tube having one arm adjustably mounted in said closure member by a tight joint therewith, said closure member having a relatively stiff peripheral portion adapted to rest on a bottle top and a relatively yieldable portion, comprising an upwardly covered cup-shaped member connected at its lower part with the lower part of the closure member.

1,622,833. SPATULATING MACHINE. THOMAS J. LEWIS, New York, N. Y. Filed June 19, 1926. Serial No. 117,110. 3 Claims. (Cl. 226—22.)



1. Spatulating machine comprising a support, brackets on said support, a stub shaft held in said brackets, means for rotating said stub shaft, a chuck on said stub shaft, a seat having a depending stem adapted to be held in said chuck, said seat adapted for the reception of jars of varying diameters, and a means adapted to be guided over the upper edge of said jars for wiping the surplus of material from said jars during their rotation with said seat.

1,622,834. CURLING IRON. FRANÇOIS RENÉ MARCEL, Brooklyn, N. Y. Filed June 12, 1924. Serial No. 719,507. 4 Claims. (Cl. 132—37.)



1. A curling iron comprising a rod member, and a concave member pivotally connected and cooperating to engage the hair between them and wave the hair, said members each having handle members for operating them, and a block of comparatively large cubical content disposed between said rod member and its handle for reducing the conduction of heat from said rod member to said handle.

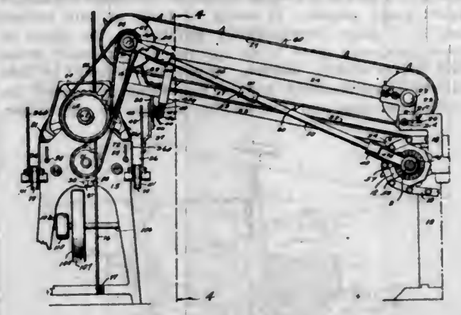
1,622,835. PROPELLER. CHARLES O. MARSHALL, Toledo, Ohio. Filed Sept. 8, 1921. Serial No. 499,150. 4 Claims. (Cl. 170—172.)



1. In a device of the class described, in combination, a high speed bladed propeller having passages therein and discharge nozzles for said passages, said nozzles being substantially smaller in cross sectional area than said passages and slightly flared at their discharging ends and being located only adjacent the tips of the propeller blades, and means for introducing motive fluid into said passages.

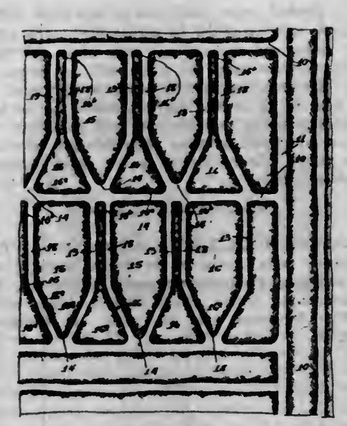
1,622,836. FEEDING MACHINE. SEBN MADSEN, Clinton, Iowa, assignor to Curtis Companies, Incorporated, Clinton, Iowa. Filed Apr. 23, 1924. Serial No. 708,483. 13 Claims. (Cl. 198—27.)

1. A feeding machine having a pair of inclined carrier bars and a pair of chains above the carrier bars for advancing stock thereon, means for vertically adjusting the carrier bars at one end, and means for vertically adjusting the chains at their other ends.



2. In a feeding machine of the class described, means for receiving stock lying flat and advancing it transversely, and means for turning said stock on edge and advancing it longitudinally to either of two spaced operative devices.

1,622,837. SYSTEM FOR MINING. JAMES W. PEARCE, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 26, 1924. Serial No. 754,262. 2 Claims. (Cl. 262—1.)

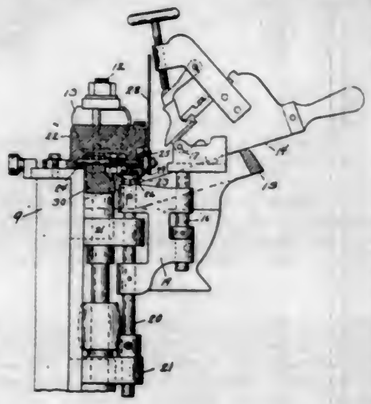


1. The method of mining, which consists in initially forming a plurality of substantially parallel cross-entries, and a plurality of connecting entries between adjacent cross-entries, said connecting entries being nonparallel with each other through a portion of their length and arranged in pairs to meet at a common point at said cross-entries, the common meeting points of the connecting entries being in offset relation with the corresponding meeting points in the adjacent cross entries, and removing the material from the resulting blocks by scraper loading devices extending along working faces in said connecting entries and loading at predetermined common meeting points in the cross-entries.

1,622,838. GUARD FOR WOOD-HEEL-TURNING MACHINES. RALPH HOWARD PETTENGILL, Haverhill, Mass. Filed June 17, 1926. Serial No. 116,684. 10 Claims. (Cl. 12—87.)

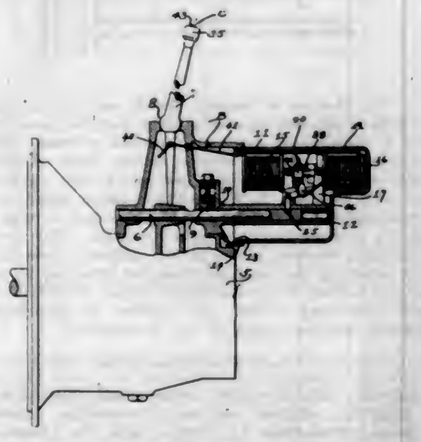
7. In a machine of the character described, a pair of cutters mounted to rotate about parallel axes, a work

holder mounted to swing about a center intermediate said axes to carry the holder in either direction from a middle position in front of said cutter to positions in which it presents the work to one or the other thereof, a guard plate mounted to swing in front of said cutters and in a plane approximately parallel to the plane of their axes, said plate being adapted and arranged, when held in its middle position, to extend in front of both cutters simultaneously and in a position interposed between the same and the middle position of the holder,



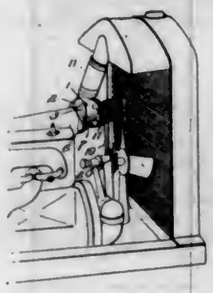
and inter-meshed gears connected to said plate and holder respectively and arranged to rotate about the respective axes of movement thereof, so that when the holder is swung in one direction the plate will be swung in the opposite direction, said plate being so arranged that it will be held in its middle position when the holder is in the middle position thereof, and will be moved thereby out of its interposed position with relation to the cutter towards which the holder is moved when moved from said middle position.

1,622,839. VEHICLE LOCK. ELMER CLYDE PETERSON, Cleveland, Ohio, assignor, by mesne assignments, to The Motobile Products Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 9, 1922. Serial No. 567,231. Renewed Aug. 26, 1926. 11 Claims. (Cl. 70—127.)



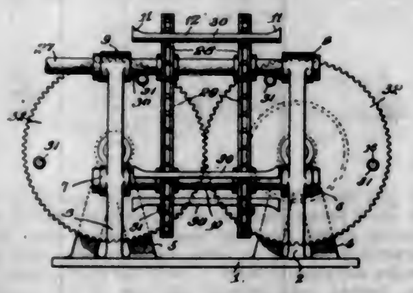
1. The combination with a motor vehicle, a movable operating portion, and an ignition switch, of a lock including locking pins, an electromagnet for operating said pins, the pins being adapted to be forced into engagement with the movable portion of the vehicle for preventing the actuation thereof, and means for closing the circuit through the electromagnet upon the opening of the ignition circuit by said switch.

1,622,840. WATER PUMP. JOHN POPP and GEORGE POPP, Buffalo, N. Y. Filed Aug. 30, 1923. Serial No. 660,206. 1 Claim. (Cl. 123—175.)



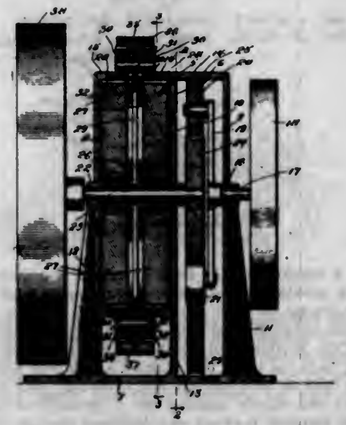
The combination in an internal combustion engine having parallel spaced water pump and fan shafts each having a pulley thereon disposed out of alinement, of a separable suplemental pulley having grooves in its inner and outer faces, the inner face groove being adapted to engage a rim of the fan shaft pulley whereby the supplemental pulley is disposed in alinement with the pulley on the water pump shaft, a belt connecting the pump shaft pulley and the supplemental pulley, and means for detachably connecting the separable supplemental pulley in assembled posttion on the fan shaft pulley rim.

1,622,841. MECHANICAL MOVEMENT. ALVAH L. POWELL, Miles City, Mont., assignor to The A. L. Powell Power Company, a Corporation of Montana. Original application filed Dec. 10, 1919. Serial No. 343,958. Divided and this application filed Nov. 9, 1923. Serial No. 673,853. 4 Claims. (Cl. 74—14.)



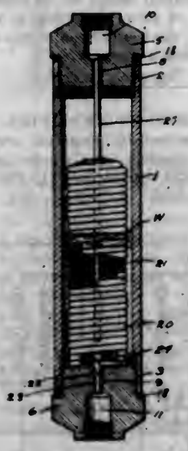
1. In a mechanical movement a drive shaft, a countershaft, wheels carried by each of said shafts, flexible means passing over said wheels, transmission bars carried by said flexible means, each of said transmission bars having curved projections at their outer extremities, a driven shaft and power transmission means interposed between said driven shaft and said tranmission bars, said curved projections being adapted to cam said transmission means inwardly and downwardly.

1,622,842. MECHANICAL MOVEMENT OF THE PLANETARY-GEAR TYPE. ALVAH L. POWELL, Miles City, Mont., assignor to A. L. Powell Power Company, Incorporated, a Corporation of Montana. Filed Nov. 9, 1923. Serial No. 673,854. 6 Claims. (Cl. 74—34.)



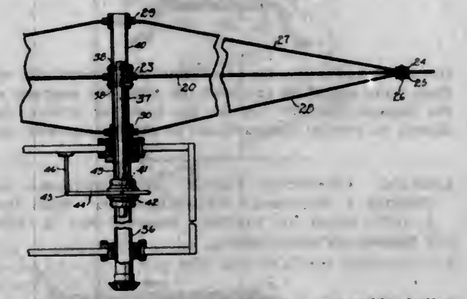
1. In a mechanical movement of the planetary gear type, a stationary ring gear, a rotatable shaft, a gear carried by said shaft, a planetary gear adapted to mesh with the ring gear and with the gear on the shaft, a gear operatively connected with said shaft and adapted to mesh with the said planetary gear at a diametrically opposite point from the gear carried by the shaft and means whereby power may be taken from the gear operatively connected with the shaft at a point diametrically opposite from the point of contact with the planetary gear.

1,622,843. PRIMARY GAUGE STABILIZER. HOWARD W. PRICE, Swarts, La., and JOSEPH B. MERIAM, Cleveland, Ohio, assignors to Meriam Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 16, 1924. Serial No. 732,416. 10 Claims. (Cl. 73—31.)



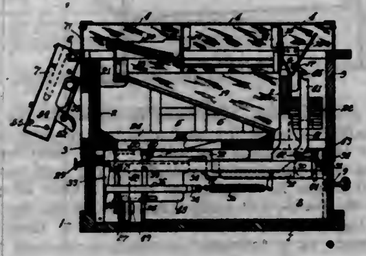
1. A pressure gauge stabilizer comprising in combination, an upright casing perforated closure members at each end thereof, and a tube leading from the perforation in the bottom closure to within the casing and coiled therewithin into a compact unit, the opening of said coil being disposed adjacent the bottom closure and rigidly attached thereto and a second tubing entering the casing at the opposite closure and extending downwardly to within a short distance from the opening in said first named coil.

1,622,844. AEROPLANE. ALBERT D. RAY, Cleveland, Ohio. Filed Apr. 22, 1926. Serial No. 103,819. 2 Claims. (Cl. 244—14.)



1. An aeroplane wing embodying a rotatable hollow member having a diaphragm adjacent the central portion thereof, the diaphragm projecting beyond the marginal edges of the hollow portion and being movable with reference thereto.

1,622,845. AMUSEMENT DEVICE. ALBERT S. ROSS, Dallas, Tex. Filed July 30, 1926. Serial No. 125,884. 5 Claims. (Cl. 194—81.)

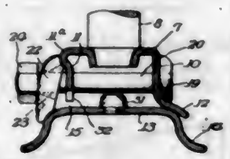


1. The combination of a section cabinet including an encased section, the latter having a trough in its top to define a compartment having a token chute; a separated compartment formed in alinement with said first compartment having an exterior opening; a tiltable target mounted in said latter compartment and arranged to restrict said opening when tilted; means to project a token into an indeterminate one of said compartments; a merchandise receptacle in said encased section provided with an inclined chute having an opening; a closure for said opening; an operating handle protruding exteriorly of said cabinet having co-operable connection with said target; means to permit the projected token to travel down said chute to lock said closure and operating lever in operative relationship to effect release of a quantity of said merchandise when said lever is actuated, and means to control the quantity of merchandise so released.

1,622,846. VEHICLE WHEEL. CHARLES F. RUBSAM, Jackson, Mich., assignor to Rubsam Corporation, Jackson, Mich., a Corporation of Delaware. Filed Feb. 12, 1926. Serial No. 87,734. Renewed Feb. 1, 1927. 3 Claims. (Cl. 301—10.)

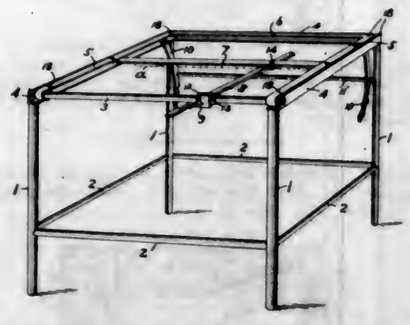
1. In a vehicle wheel, the combination of a fixed channel shaped rim, an integral flange on the outer side, a demountable rim provided with inwardly projecting supports of limited length and adapted to engage the outer

periphery of said flange on the fixed rim and leaving circumferential clearances between them, removably clamping devices arranged circumferentially between said supports, the fixed rim being provided with a hole for a



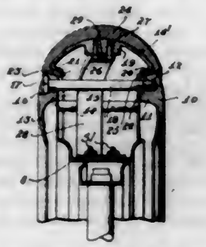
tire-valve, and means for preventing the demountable rim from being placed on the fixed rim when the supports on the demountable rim are on the inner or vehicle side thereof to prevent misplacement of the demountable rim.

1,622,847. DRAFTING TABLE. JOHN RUNDGREN and CHESTER A. BILLETDOUX, Philadelphia, Pa. Filed June 1, 1923, Serial No. 642,756. Renewed Nov. 9, 1926. 2 Claims. (Cl. 45—109.)



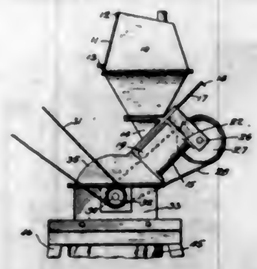
1. A drafting table comprising in combination a tubular metallic leg structure and metallic top rails constituting a stand, metallic end and side bars constituting a swinging frame pivoted to one of the top rails, notched quadrant means for holding the frame, a hand lever pivoted to the frame, and a catch turnable on the last mentioned top rail and adapted to engage the hand lever and operate as a fulcrum.

1,622,848. VEHICLE TIRE. FRANK E. RUSH, Detroit, Mich. Filed Feb. 27, 1926. Serial No. 91,082. 4 Claims. (Cl. 152—32.)



2. A vehicle tire adapted for mounting on a vehicle wheel comprising a pair of rings, each having inclined bearing surface at its outer edge; a tread supporting annular member having bearing surfaces at its opposite edges in engagement with the aforesaid bearing surface; resilient means for connecting said annular member to said vehicle wheel; a tread positioned detachably on said annular member and having its edges turned inwardly toward each other; and means for clamping said inturned edges between said engaging surfaces.

1,622,849. METHOD OF AND MACHINE FOR GRINDING. LOUIS RUPARCHT, Montclair, N. J., and ALFRED G. KOLLSTEDE, New York, N. Y. Filed July 16, 1924. Serial No. 726,254. 4 Claims. (Cl. 83—11.)



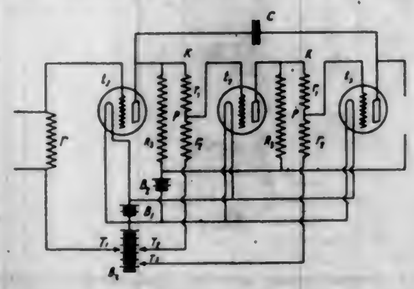
1. A machine of the class described, comprising a main casing providing a cylindrical chamber, a high speed rotary grinder in said chamber, a feed conduit extending radially outward from said chamber at a substantial angle from the vertical and having a supply opening at a distance from the inner end thereof, and a feed screw mounted to turn in said conduit and extending into the conduit beyond the supply opening for a distance at least equal to the distance between two adjacent threads of the feed screw and the inner end of the feed screw being close to the periphery of the rotary grinder.

1,622,850. COMBINED SINK STOPPLE AND SOAP DISH. WILLIAM F. SCHACHT, Huntington, Ind. Filed July 23, 1925. Serial No. 45,567. 1 Claim. (Cl. 4—293.)



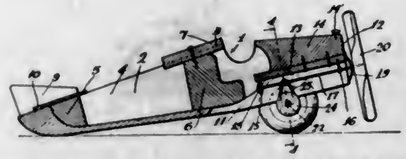
An article of manufacture adapted for use as a sink stopple and as a soap dish, and comprising a thin flexible rubber disk having a flat under surface and an integral circumferential marginal flange on its upper side of varying width adapted to prevent curling of the thin central portion of the disk; the top portion of the disk surrounded by said flange forming a receptacle.

1,622,851. THERMIONIC AMPLIFIER. SIDNEY BERTRAM SMITH, Chelmsford, England, assignor to Radio Corporation of America, a Corporation of Delaware. Filed June 3, 1926, Serial No. 113,370, and in Great Britain May 18, 1925. 6 Claims. (Cl. 179—171.)



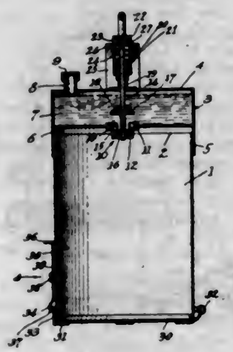
1. In a multi-stage thermionic amplifier, a plurality of tubes, each provided with an anode circuit including a resistance, a source of positive anode potential, a potentiometer and high potential biasing body in parallel with said resistance and potential source, and a means associated with said potentiometer for obtaining a negative bias on the grid of each tube of the amplifier.

1,622,852. WHEELED TOY. REW TROXELL, Los Angeles, Calif. Filed July 28, 1926. Serial No. 125,403. 7 Claims. (Cl. 46—48.)



1. An aeroplane toy comprising in combination a fuselage structure, a loosely mounted axle having a pulley and wheels secured thereto, a propeller shaft, a propeller secured thereto, and a band passing over the pulley and the propeller shaft, said band retaining the axle in position.

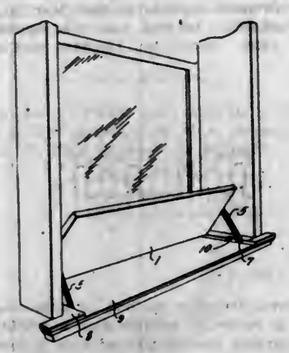
1,622,853. SANITARY GARBAGE CAN. ANDREW TURNBULL, Santa Ana, Calif. Filed Jan. 19, 1926. Serial No. 82,192. 2 Claims. (Cl. 220—87.)



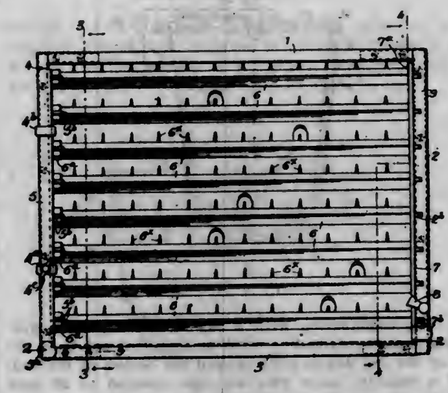
1. A cover for a sanitary garbage can comprising in combination a top wall having a depending substantially circular skirt, a partition across the skirt forming a container above the partition, a valve seat threaded in the partition, a tubular stem secured to the top, a valve plunger slidable through the stem and through the valve seat there being an annular space between the stem and the seat, a valve washer below the seat secured to the plunger, a second valve washer above the seat secured to the plunger, a packing nut secured to the tubular stem, a bracket secured to the top having a cross member with a hole therethrough, a cupped sleeve secured to the upper end of the plunger slidable through said opening and over the packing nut and a compression spring between the cupped sleeve and the said packing nut.

1,622,854. WINDOW VENTILATOR. STEWART V. VAN BERSCHOT, Chicago, Ill. Filed Apr. 26, 1926. Serial No. 104,729. 5 Claims. (Cl. 98—99.)

1. A combined window-sill and window ventilator comprising a sill having a depression therein, a plate normally disposed in said depression and hinged along its edge nearest the window, said plate adapted in its normal position to provide the upper surface of the window-sill, and means for maintaining said plate in divers positions when moved upon its hinges.



1,622,855. WORK HOLDER. BENJAMIN S. WARNER, Endicott, N. Y., assignor to Endicott Johnson Corporation, Endicott, N. Y., a Corporation of New York. Filed Aug. 9, 1926. Serial No. 128,156. 14 Claims. (Cl. 91—60.)



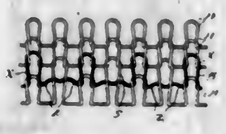
1. A work holder of the character specified comprising a frame; a plurality of parallel work-carrying bars each provided with a series of spikes rotatably mounted in the frame; and means for simultaneously rocking said bars.

1,622,856. ORTHODONTIC APPLIANCE. EDWARD H. ANGLE, Pasadena, Calif. Filed Aug. 28, 1926. Serial No. 132,071. 4 Claims. (Cl. 32—19.)



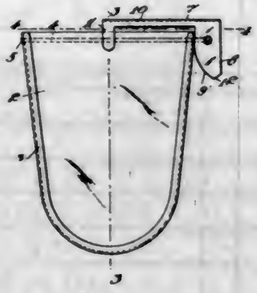
1. An orthodontic appliance comprising a tooth-band having an arch-bar receiving bracket, and having means spaced from said bracket affording an attachment with which a ligature may be engaged to hold the arch-bar engaged with said bracket.

1,622,857. METHOD OF KNITTING HOSIERY. ABRAHAM J. BEUCUS, Waupun, Wis., assignor to Paramount Textile Machinery Co., Chicago, Ill., a Corporation of Illinois. Original application filed Mar. 11, 1926, Serial No. 93,950. Divided and this application filed Sept. 29, 1926. Serial No. 138,551. 4 Claims. (Cl. 66—41.)



2. The herein-described method of producing seamless hosiery on a series of needles and web-holders, which consists in varying the coactive relation of these knitting instrumentalities and increasing the amount of yarn drawn in each stitch during the formation of an anti-raveling round in which a reduced number of stitches is produced, whereby a uniform diametral extensibility of the fabrics is secured.

1,622,858. CUP. JOSEPH BLAUSTEIN, Brooklyn, N. Y. Filed May 22, 1925. Serial No. 32,044. 15 Claims. (Cl. 65—13.)



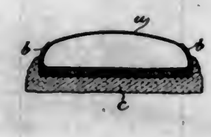
1. The combination with a cup having a portion providing a groove extending between separated points of the top of the cup downwardly toward the bottom of the cup, and a separate plate with an edge adapted to fit said groove, of means for springing said grooved portion into engagement with said edge of the plate.

1,622,859. AUTO HEEL PROTECTOR. VIGGO CHRISTENSEN, Los Angeles, Calif. Filed Apr. 20, 1926. Serial No. 103,234. 7 Claims. (Cl. 36—72.)



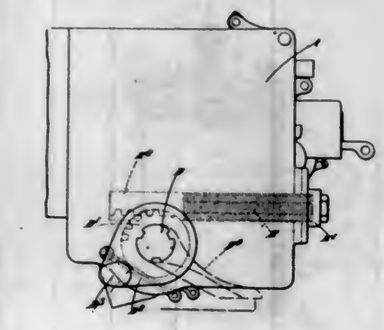
1. In a heel protector, the combination of a shoe and a sheet material protector of transparent material molded to shape to fit over the back part of the shoe and the heel, the sides of the shoe and the sides of the heel, the material being molded to fit partly on the front of the heel and partly under the shank of the shoe, said material being of a resilient nature sufficient to hold the protector on the heel and back of the shoe.

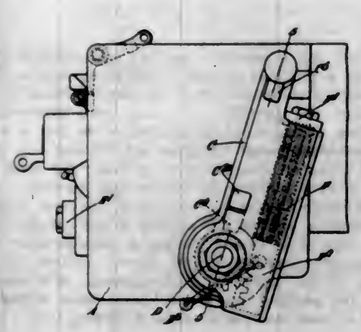
1,622,860. RUBBER-SOLE SHOE. DAVID A. CUTLER, Wollaston, Mass., assignor to Alfred Hale Rubber Company, Atlantic, Mass., a Corporation of Massachusetts. Filed Sept. 22, 1926. Serial No. 136,911. 1 Claim. (Cl. 36—14.)



A shoe having an upper of leather, a rubber latex-treated strip of material secured thereto and extending above the welt line, and a sole of unvulcanized crepe rubber secured to the rubber latex-treated strip of material with a permanent and homogeneous union of the latex.

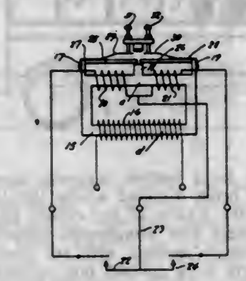
1,622,861. ORDNANCE BREECH MECHANISM. ARTHUR TREVOR DAWSON and GEORGE THOMAS BUCKHAM, Westminster, London, England, assignors to Vickers Limited, Westminster, London, England. Filed Aug. 25, 1926, Serial No. 131,490, and in Great Britain Sept. 16, 1925. 3 Claims. (Cl. 89—4.)





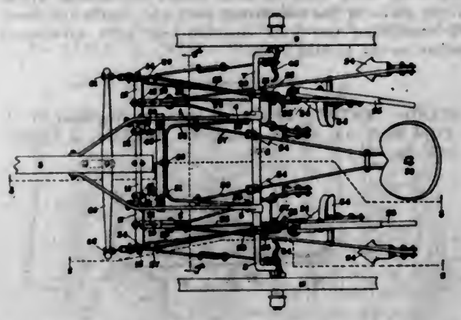
1. In ordnance breech mechanism of the vertically sliding block type for semi-automatic guns convertible at will into quick-firing guns, the combination of two springs one of which is in action during both the semi-automatic and the quick-firing operations and which is of such a strength as to approximately balance the weight of the breech block, and the second spring is in action together with the former spring during the semi-automatic operation only.

1,622,862. ELECTRIC AUDIBLE SIGNAL. FRED E. DETMERS, Los Angeles, Calif. Filed May 12, 1925. Serial No. 29,720. 2 Claims. (Cl. 177—7.)



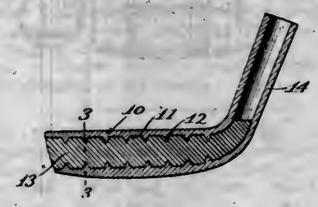
1. In a signal, a magnetic core, a primary winding thereon, a plurality of secondary windings on said core spaced from said primary winding, and spaced from each other, magnetic core projections extending from said magnetic core adjacent the ends of said secondary winding, a plurality of resiliently mounted movable armatures corresponding to said plurality of secondary windings extending across the corresponding pairs of magnetic core projections, and disposed with respect thereto and cooperating therewith so as each to form a magnetic shunt across the portion of the magnetic core surrounded by the corresponding secondary winding, connectors corresponding to each of said secondary windings, and a permanently closed electrical connection between the corresponding connectors and each of said secondary windings; said connectors being adapted to be connected with suitable low tension signalling circuits, and said primary winding being adapted to be directly and permanently connected with a high tension alternating current supply circuit.

1,622,863. CULTIVATOR. FREDERICK J. FARRINGTON, Omaha, Nebr., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Mar. 23, 1925. Serial No. 17,485. 5 Claims. (Cl. 97—147.)



1. In a cultivator, the combination with the main frame, an axle and supporting wheels, of a horizontally disposed arch pivotally supported at its rear ends on the frame, a seat frame rockably supported on the axle and pivotally connected to said arch forward of the pivot of the latter, a seat on the rear of said frame, a rocking member extending transversely beneath the main frame and pivotally mounted centrally on said arch, beams carrying gangs of cultivating devices supported on the main frame, and means connecting said member with said beams.

1,622,864. GOLF PUTTER AND METHOD OF FORMING THE SAME. DAVID H. FINDLAY, Pasadena, Calif. Filed Sept. 22, 1926. Serial No. 137,043. 2 Claims. (Cl. 273—77.)



1. The method of making a golf club head which consists in casting a shell having a neck portion extending therefrom, allowing the same to cool, heating the same to a temperature just below the melting point of the metal forming the shell, pouring heavy metal into the shell through the neck to said body portion, and allowing the shell and heavy metal to cool.

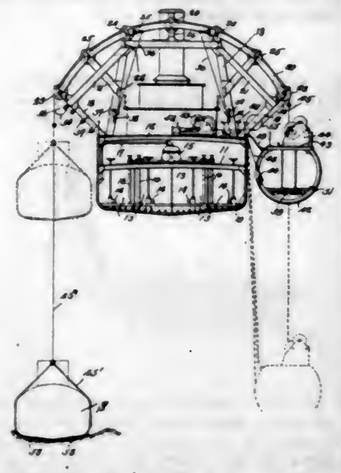
1,622,865. CULTIVATOR STANDARD. GEORGE O. FRANKE, Thrall, Tex., assignor to Albert E. Probst and P. A. Franke, Thrall, Tex. Filed June 20, 1925. Serial No. 38,529. 1 Claim. (Cl. 97—198.1.)

A device for connecting a shovel standard to a beam, comprising a clamping block having a transverse groove on its lower side and longitudinal U-shaped groove on its upper side, inwardly extending flanges carried by the upper side forming a channel with the U-groove, a slotted tail piece adapted to slide in said channel, a bolt engaging the block and the tail piece through said slot for adjustably clamping the tail piece to the block, a head at the free end of the tail piece adapted to carry a shovel standard, the block having openings disposed at the ends and on opposite sides of the transverse groove, U-shaped bolts adapted to engage through said openings for clamping the block to a beam.

1,622,866. DEVICE FOR RAISING SUNKEN SUBMARINES. LEONARD T. GARDNER, Baltimore, Md., assignor of one-half to Charles A. Jording, Baltimore, Md. Filed Apr. 7, 1926. Serial No. 100,211. 22 Claims. (Cl. 114—53.)

1. A device of the kind described, including a ship having a hull, a plurality of cables extending athwartships of said hull, sheaves supported by the hull on

which said cables run, a submergible pontoon counterweight at one side of said hull, means carried by the pontoon and having one end of each cable connected



thereto, flood valves for said pontoon controllable from the ship, and means controllable from the ship for expelling admitted water from the pontoon.

1,622,867. RESILIENT ROAD WHEEL. HUGO C. GIBSON, Philadelphia, Pa. Filed Mar. 24, 1926. Serial No. 96,939. 8 Claims. (Cl. 152—44.)



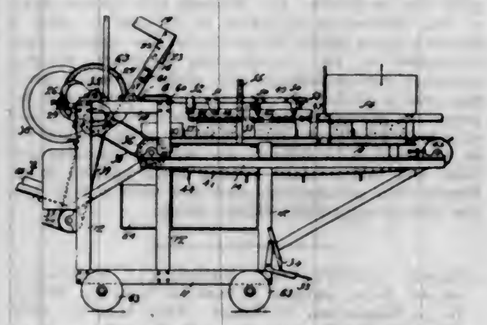
4. In a device of the character stated, a road wheel comprising a hub, a hub flange connected thereto, a wheel plate, an inner ring secured to said hub flange, a bowl shaped structure secured to said wheel plate, a star shaped disc mounted on said hub so as to rotate in unison therewith but adapted to slide longitudinally thereon, an abutment on the outer portion of said hub, and a spring interposed between said abutment and said star shaped disc, said inner surface of said bowl being provided with alternating flats and flutes, and the juxtaposed surface of said disc being provided with alternating noses and flutes.

1,622,868. LIFEGUARD OR OBSTRUCTION REMOVER FOR MOTOR PROPELLED AND SIMILAR VEHICLES. BEATRICE LYDIA GRAFHAM, Catford, England. Filed Dec. 16, 1925, Serial No. 75,677, and in Great Britain Oct. 15, 1925. 8 Claims. (Cl. 293—54.)



1. In a guard for a vehicle, vertically movable members capable of being disposed across the track to be passed over by the wheels of the vehicle and provided at their lower edges with attachments adapted to serve as squeegees when in contact with the surface of the road, the members being pressed into contact with the road surface by springs, and means for moving the members away from the road surface in opposition to the springs, for the purpose specified.

1,622,869. BRICK HANDLING AND CLEANING MACHINE. JIM A. GRANT and GEORGE A. LOWRY, New York, N. Y. Filed May 15, 1926. Serial No. 109,262. 8 Claims. (Cl. 125—26.)



1. In a brick cleaning machine, the combination of an oscillating brick cleaning tool, means for moving bricks in the plane of the oscillating tool, and means for forcibly contacting the brick cleaning tool with extraneous matter on the moving brick.

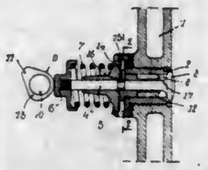
1,622,870. KNIFE. EDWARD P. HULSE, Westfield, N. J. Filed Sept. 14, 1926. Serial No. 135,310. 2 Claims. (Cl. 30—10.)



1. As a new article of manufacture, a knife comprising a blade and a handle, said handle consisting of a socket portion and a cover portion, means in said socket portion permitting the blade to be inserted endwise therein, interengaging flanges on the said two handle portions for forming the same into a handle for the blade and to

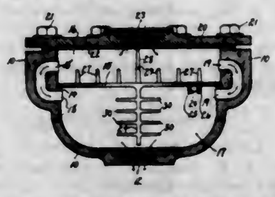
clamp the latter within said socket and means in the latter in engagement with serrations provided in the edge of the blade for preventing accidental longitudinal movement thereof.

1,622,871. METHOD AND MEANS FOR THE IGNITION IN INTERNAL-COMBUSTION ENGINES. MARIUS JEAN-BAPTISTE BARBAROU, Paris, France. Filed June 10, 1925, Serial No. 36,238, and in France July 26, 1924. 6 Claims. (Cl. 123—143.)



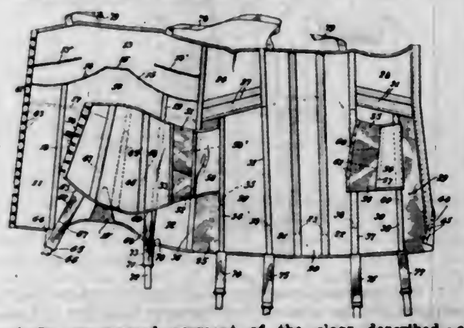
3. A catalytic ignition device for internal combustion engines comprising a chamber containing the catalyst and communicating with the engine cylinder, a spring controlled valve adapted to automatically afford the communication between said chamber and the engine cylinder during the suction stroke, a cam adapted to open again said valve substantially at the end of the compression stroke, and means whereby communication is afforded between said chamber and the atmosphere during a portion of said suction stroke.

1,622,872. SEPARATOR. BENJAMIN T. JONES, New Haven, Conn. Filed Apr. 24, 1926. Serial No. 104,386. 4 Claims. (Cl. 183—113.)



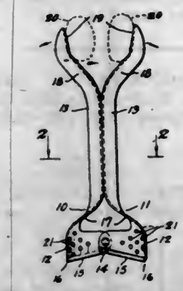
1. A separator, comprising a cup-shaped casing formed with an internal annular shoulder and at the rear with a discharge-opening and at the bottom with a drainage-opening, a baffle-plate removably-seated on said shoulder and formed with baffles, a cap secured to the edge of the casing and formed with a central inlet-opening, and a by-pass extending from front to rear of said baffle-plate.

1,622,873. APPAREL GARMENT. WALDEMAR KOPS, New York, N. Y., assignor to Kops Bros., Inc., a Corporation of New York. Filed Jan. 16, 1926. Serial No. 81,617. 5 Claims. (Cl. 2—27.)



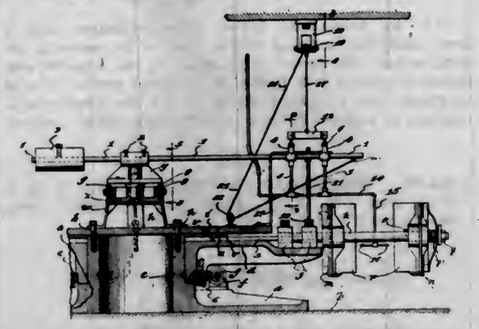
4. In an apparel garment of the class described, a front member, a back member, a side member comprising an inelastic section connected to the back member and an elastic section connected to the front member, a second side member also comprising an inelastic section connected to the back member and an elastic section, means for detachably connecting the free edge of the front member to the last aforesaid elastic section of the side member, and an abdominal support comprising a front member, anchor straps, sets of tension straps, one anchor strap being connected to the inelastic section of the first aforesaid side member and one set of tension straps extending between and connecting this anchor strap with the adjacent edge of the front member of the abdominal support, while the other anchor strap is connected to the inelastic section of the last aforesaid side member and the other set of tension straps is secured to this anchor strap, and means for connecting the free edge of the front member of the abdominal support to the last aforesaid set of tension straps to provide a yielding support for the abdomen of the wearer.

1,622,874. GRAPEFRUIT CORER. JOHN KOVATS, Bridgeport, Conn., assignor to Lorraine Metal Manufacturing Company, Bridgeport, Conn., a Corporation of New York. Filed Aug. 18, 1926. Serial No. 129,987. 10 Claims. (Cl. 146—3.)



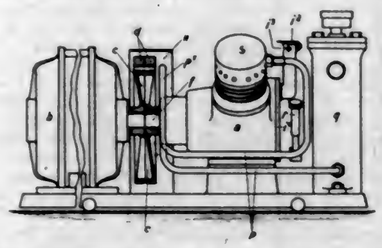
1. A grapefruit corer comprising a pair of similar members which in general configuration are substantially T-shaped with the cross portion curved to form a concavo-convex portion provided with a cutting edge and the longitudinal portion forming a handle, and pivotal means connecting the free ends of said curved portions of the members about which the cutting edges may be swung toward and from each other.

1,622,875. MOLDING MACHINE. HARRY S. LEE, Plymouth, Mich. Filed Jan. 31, 1925. Serial No. 5,988. 7 Claims. (Cl. 22—77.)



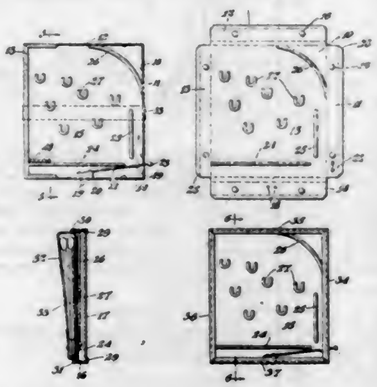
1. In a molding apparatus, the combination of a pair of mold section carriers which have straight relative movement toward and away from each other in closing and opening, and mechanical means having connection with one of the mold section carriers at the geometric center for applying the thrust and the draft in closing and opening the sections.

1,622,876. AIR PUMP. HERMANN LEO, Cera-Reuss, Germany. Filed June 13, 1925. Serial No. 36,917. 2 Claims. (Cl. 230—6.)



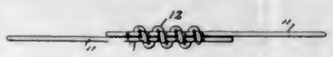
1. In a motor-operated air pump, a fan for coupling pump and motor, a weighted part on said fan for carrying it over the dead center, an oil containing chamber into which one end of the pump shaft extends, a disc on said shaft within said chamber, an eccentrically arranged bolt on said disc, a ball bearing on said bolt, an operating member on said ball bearing, a head on said operating member, a pump cylinder piston and a bolt on said piston to which said head is movably engaged, and a means for cooling the parts.

1,622,877. AMUSEMENT DEVICE. MARGARET H. McMANN, New York, N. Y. Filed May 13, 1926. Serial No. 108,768. 7 Claims. (Cl. 273—119.)



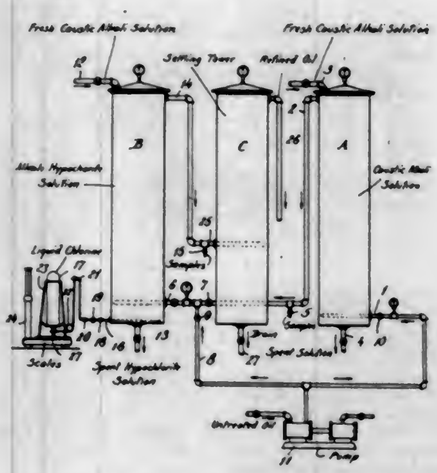
1. In an amusement device the combination with a sheet stamping having a folded portion for securing objects to one side thereof, of a game on the opposite side having a playing area formed by a folded portion of said stamping, and a transparent cover for the playing area retained in position by said second named folded portion.

1,622,878. WIRE-STRAP FASTENER. EDWIN F. MURDOCK, New York, N. Y. Filed Aug. 29, 1925. Serial No. 53,248. 2 Claims. (Cl. 24—29.)



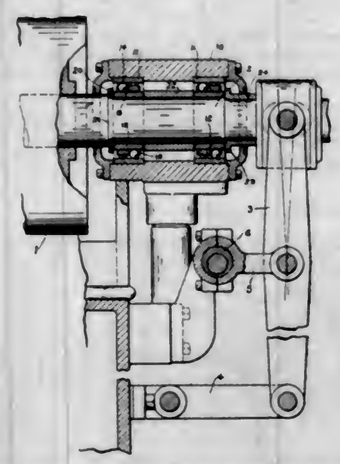
1. A separable fastener for the free ends of round wire straps said fastener comprising a flattened helical section the convolutions whereof are spaced apart and form a transversely elongated passage therethrough, the short diameter of said passage approximating the width of the strap to be secured thereby, and the longer diameter of said passage being approximately twice the diameter of said strap.

1,622,879. REFINING OILS. HARRISON O. PARKER, Tulsa, Okla., assignor to The Mathieson Alkali Works, New York, N. Y., a Corporation of Virginia. Filed Jan. 22, 1925. Serial No. 3,983. 4 Claims. (Cl. 196—42.)



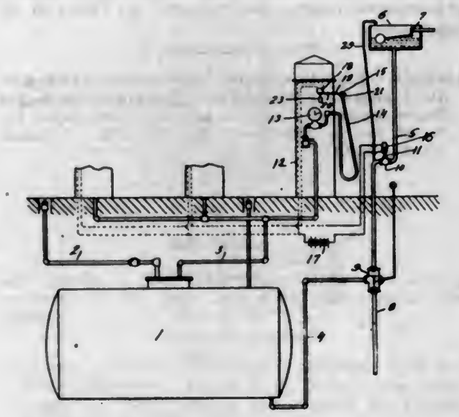
1. An improved method of refining hydrocarbon oils in a continuous manner which comprises passing the oil through a body of aqueous hypochlorite solution containing an excess of caustic alkali, introducing chlorine into the solution in the proximity of the point at which the oil is introduced, whereby additional quantities of hypochlorite are formed and the oil is subjected to that portion of the solution containing the highest concentration of hypochlorite first.

1,622,880. RADIAL BEARING. HIRAM A. PERKINS, Rochester, N. Y., assignor to American Woodworking Machinery Company, Rochester, N. Y., a Corporation of Pennsylvania. Filed Feb. 18, 1925. Serial No. 10,059. 5 Claims. (Cl. 308—180.)



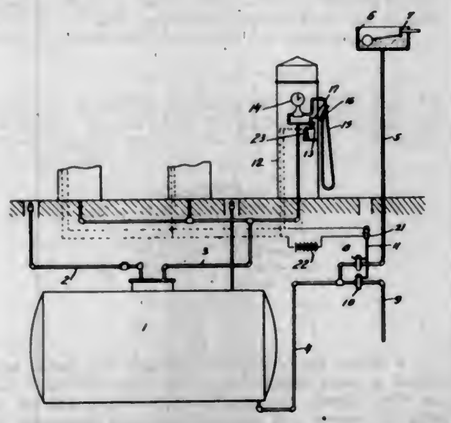
1. The combination with a rotary spindle and means for reciprocating the same intermittently, of a series of balls, and inner and outer ball engaging members having straight surfaces permitting movement of the balls endwise of the spindle as it reciprocates.

1,622,881. PRESSURE CONTROL FOR HYDRAULIC OIL STORING AND DELIVERING SYSTEMS. WILLIAM J. PETER, New York, N. Y. Filed Oct. 16, 1925. Serial No. 62,925. 23 Claims. (Cl. 221—67.)



14. In an oil storage and delivery system, the combination of a tank, an oil delivery hose receiving oil from the tank, a source of pressure designed to be connected with and disconnected from the tank, a support for the hose when not in use, and means controlled by the support for disconnecting the source of pressure from the tank when the hose is on the support.

1,622,882. PRESSURE CONTROL FOR HYDRAULIC OIL STORING AND DELIVERING SYSTEMS. WILLIAM J. PETER, New York, N. Y. Filed Oct. 16, 1925. Serial No. 62,926. 8 Claims. (Cl. 221—67.)

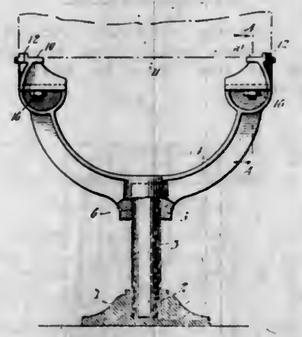


1. In an oil storage and delivery system, the combination of a tank, an oil delivery hose receiving oil from the tank, a source of pressure designed to be connected with and disconnected from the tank, a swinging arm for connecting the source of pressure with and disconnecting it from the tank, said arm acting when swung into such position that the pressure is disconnected as a support for the hose, and means rendering said arm incapable of supporting the hose when the arm is swung into such position that the pressure is connected.

1,622,883. MERCURYLESS HAIR-SECRETING PROCESS FOR FELT-MAKING. CHARLES PICHARD and EMILE PICHARD, Paris, France. Filed Feb. 12, 1926. Serial No. 87,977, and in France Feb. 28, 1925. 4 Claims. (Cl. 8—21.)

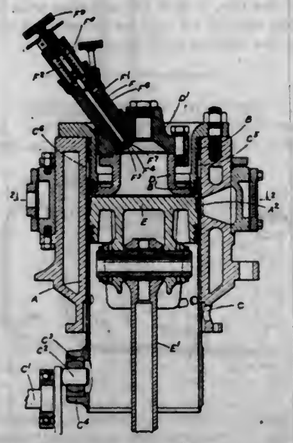
1. A carroting process, comprising the step of treating hair with a substance containing urea.

1,622,884. BOILER STAND. OSGOOD M. REDLON, Bath, Me. Filed Feb. 6, 1926. Serial No. 86,620. 1 Claim. (Cl. 248—41.)



A stand of the character described, comprising a U-bracket, means for supporting the U-bracket, flat plates at the ends of the U-bracket having tapering edges, boiler supporting brackets having grooves in their under faces fitting the plates, bolts projected through the boiler supporting brackets and through the plates, nuts on said bolts, and one of said parts having longitudinal slots accommodating the bolts connected thereby whereby the boiler supporting brackets are capable of adjustment toward and away from each other.

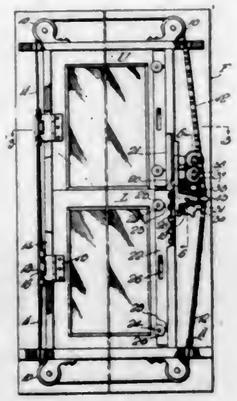
1,622,885. INTERNAL-COMBUSTION ENGINE. HARRY RALPH RICARDO, London, England. Filed Apr. 29, 1926, Serial No. 105,558, and in Great Britain May 21, 1925. 12 Claims. (Cl. 123—32.)



1. An internal combustion engine of the liquid fuel injection type including in combination a cylinder, a cylinder head, a piston reciprocating within the cylinder, a

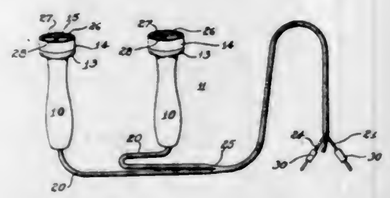
combustion chamber in the cylinder head of substantially circular cross section in a plane at right angles to the axis of the cylinder, the diameter of the combustion chamber where it opens into the cylinder being less than that of the cylinder bore, means for admitting a charge of air to the cylinder, means for causing this charge of air to rotate about the axis of the combustion chamber, and at least one fuel injection device disposed a substantial distance from the axis of the combustion chamber and adapted to deliver a spray the mean direction of which has a substantial component in a direction parallel to the axis of the combustion chamber.

1,622,886. CLOSURE MOUNTING AND OPERATING MEANS. LENHART GEORGE SILLER, Sacramento, Calif. Filed Jan. 28, 1926. Serial No. 84,430. 6 Claims. (Cl. 268—128.)



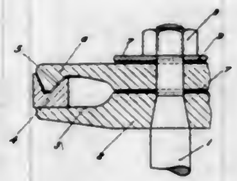
1. In an operating means for a closure slidable within a frame; cable guides mounted at the four corners of the frame, a flexible line trained around said guides, said line having a chain portion at one side of said frame, means connecting said line to the closure at the other side of the frame, a sprocket mounted at said one side of the frame and meshing at one side of its axis with said chain portion of the line, a rack bar meshing with said sprocket at the other side of its axis and connected to the closure, and means for driving said sprocket.

1,622,887. METHOD OF DIAGNOSTIC ANAYLSIS. WILLIAM SMITH, Yonkers, N. Y. Filed Aug. 3, 1925. Serial No. 47,670. 2 Claims. (Cl. 174—89.)



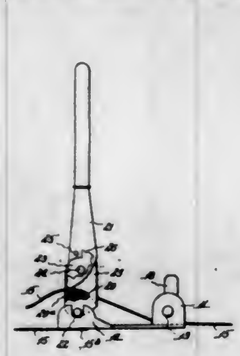
1. The herein described method of diagnostic analysis using a pair of thermocouples and a galvanometer, which consists in applying the thermocouples to two separated healthy tissue portions of the body spaced vertically from the afflicted portion to give a zero reading on the galvanometer, then removing one of said thermocouples and applying it to the portion of the body under observation and note the direction and degree of deflection of the galvanometer, and removing the other thermocouple and applying it to another portion of the body substantially horizontal with the portion under observation to obtain a galvanometric reading and determine the extent of inflammation.

1,622,888. PACKING DEVICE FOR USE WITH PISTONS AND PISTON VALVES. THEODORUS SMITS, The Hague, Netherlands. Filed Mar. 26, 1926, Serial No. 97,745, and in Netherlands Mar. 30, 1925. 4 Claims. (Cl. 74—100.)



1. A piston or piston valve of the type including a rod, a pair of discs thereon adapted to be secured at different distances from each other, and a resilient split ring between said discs, characterized by the fact that said ring and one of said discs have cooperating conical surfaces arranged at such inclination to the axis of the rod that the movement of said discs towards each other contracts the ring.

1,622,889. BINDING DEVICE FOR MOLDS, ETC. ELMER E. SPEER, Ballston, Va. Filed Feb. 15, 1926. Serial No. 88,418. 5 Claims. (Cl. 24—25.)

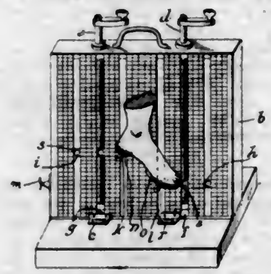


1. A device for connecting the ends of a metal strap around a mold comprising a base-plate having a narrow slot therein through which a looped end of the strap is passed and flattened on said base-plate for connecting it thereto, and a cam pivoted between ears on the base-plate and cooperating therewith for securing the other end of the strap to the device.

1,622,890. APPARATUS FOR MEASURING LIMBS. ANTON THIEL and WILLY SCHMIDT, Bremen, Germany. Filed Aug. 8, 1925, Serial No. 49,030, and in Germany Nov. 22, 1924. 10 Claims. (Cl. 33—3.)

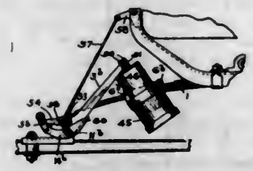
1. An apparatus for measuring the length of a leg, comprising a pedestal, a vertical measurement chart

mounted thereon, a threaded spindle, bearings for said spindle on said pedestal, an adjustable nut mounted on



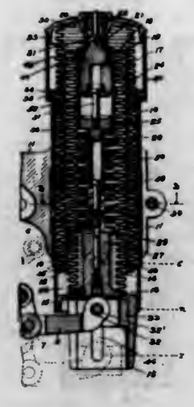
said spindle, a foot support carried by said nut in proximity to the chart and means for rotating said spindle.

1,622,891. SPRING SUSPENSION SYSTEM FOR MOTOR VEHICLES. FRANK L. O. WADSWORTH, Pittsburgh, Pa. Filed July 30, 1920. Serial No. 400,256. 32 Claims. (Cl. 267—17.)



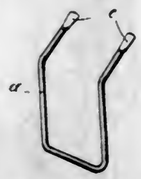
1. In a shock absorber organization for two relatively movable members the combination of a primary spring, a secondary spring, and an irreversible control linkage conjoining the said members with the said springs and acting to impose a concurrently increased flexure thereon whenever the said members are moved from the position of static equilibrium, substantially as described.

1,622,892. ELASTIC SUSPENSION SYSTEM FOR VEHICLES. FRANK L. O. WADSWORTH, Pittsburgh, Pa. Filed July 10, 1922. Serial No. 573,882. 45 Claims. (Cl. 267—65.)



1. In a shock absorber organization for two relatively movable members, the combination of a main spring, means for preventing the reflexing or negative flexure of the said spring beyond the form imposed thereon by the normal load stress, and an elastic connection interposed between said main spring and one of the said members.

1,622,893. RAISING FILLET FOR RAISING MACHINES. CARL WALKER, Calw, Germany. Filed Nov. 7, 1925, Serial No. 67,539, and in Germany Apr. 9, 1925. 1 Claim. (Cl. 26—31.)

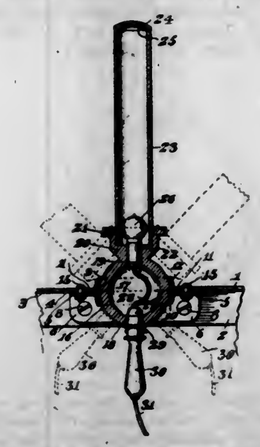


A raising fillet for raising or napping machines, including teeth having flat ends with knife edges lying with their width transversely of the working direction.

1,622,894. STEEL ALLOY. JOSEPH W. WEITZENKORN, Pittsburgh, Pa., assignor to Molybdenum Corporation of America, Pittsburgh, Pa., a Corporation of Delaware Filed Mar. 30, 1926. Serial No. 98,617. 1 Claim. (Cl. 75—1.)

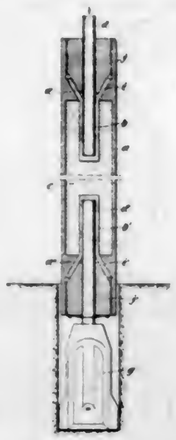
A steel alloy consisting of an appreciable and effective amount of carbon up to about 2.50 per cent, from about .50 to 1.45 per cent chromium, from about .10 to .50 per cent vanadium, and an appreciable and effective amount of molybdenum up to about .48 per cent, the remainder being iron except for the usual amounts of other elements present as impurities and as incidental to manufacturing processes.

1,622,895. DIRECTION INDICATOR. WILLIAM P. WIEMANN, Pittsburgh, Pa., assignor to The Wiemann Co., Pittsburgh, Pa. Filed May 19, 1926. Serial No. 110,218. 7 Claims. (Cl. 116—47.)



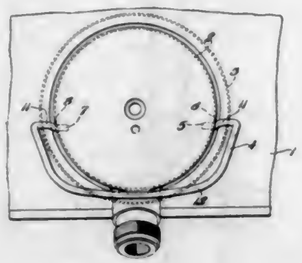
1. An automobile directional indicator comprising a vertically disposed universal bearing joint adapted to be secured to and extend above the top of the body of the automobile and including a movable section extending above and depending below such top, a visible column arranged above such top and secured to the movable section and shiftable to angular positions with respect to the longitudinal axis of the automobile, and an operating handle carried by said section and depending below such top.

1,622,896. DEVICE FOR DRILLING OR CHISELING AWAY ROCK. KARL PRINTZ ZU LÖWENSTEIN, Berlin, Germany. Filed Oct. 17, 1925. Serial No. 63,104. 1 Claim. (Cl. 255—28.)



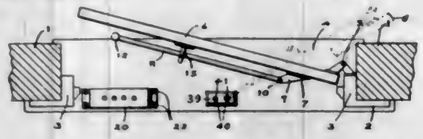
A device for drilling or chiseling away rock, comprising, in combination, a tube having a chamber formed therein, packed stoppers each having a bore therein arranged within the opposite ends of said tubes, pistons extending through the bores of said stoppers into the chamber formed within said tube, the tube adapted to be filled completely with a liquid; and elastic bags enclosing the inwardly projecting parts of said pistons and being fastened at their other ends, substantially as set forth.

1,622,897. SPEEDOMETER-FASTENING MEANS. THOMAS DONALD ADAIR, Jr., Quincy, Mass., assignor to Standard Thermometer Company, Portland, Me., a Corporation of Maine. Filed Nov. 9, 1925. Serial No. 68,039. 1 Claim. (Cl. 248—30.)



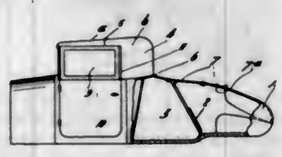
Speedometer fastening means for securing a speedometer in an instrument board having, in combination, an instrument casing provided with pivot holes, a toggle bail comprising a bail-shaped piece of wire having two cam portions and pivot ends, the cam portions extending beyond the pivot portions, being adapted to be sprung into and removed from engagement with pivot holes in the casing, the length of the leverages of the parts being such that after the instrument casing is put in place in the instrument board the bail may be sprung into place with its pivots in the pivot holes in the instrument casing, and then turned to clamp the casing in position on the board.

1,622,898. CLOSURE-MEMBER SECURING AND BOWING DEVICE. VICENTE M. ALCARAZ, San Juan, P. R. Filed May 14, 1926. Serial No. 109,133. 1 Claim. (Cl. 292—271.)



A closure member bower and fastener, comprising a securing arm adapted to be secured at one end to a closure member, a casing adapted to be secured adjacent said closure member and having a plurality of apertures formed through one wall thereof to receive the free end of said arm to hold the closure member in set position, a sliding plate positioned in said casing having each end thereof upturned, one upturned end being formed to set up a hook, a button formed upon the outerside of the other upturned end and exposed through one end of said casing, and a spring element acting upon said plate to cause the hook thereof to engage the free end of said arm when the same is projected through one of said apertures, said arm being disengaged by pressure on said button.

1,622,899. CONSTRUCTION OF MOTOR-ROAD-VEHICLE BODIES. FREDERICK JAMES BARNES, Stourbridge, England. Filed Mar. 11, 1926, Serial No. 94,006, and in Great Britain Apr. 29, 1925. 1 Claim. (Cl. 296—107.)



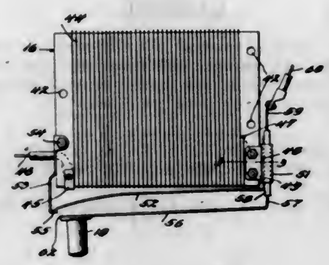
In combination, a vehicle body, a hood hinged thereto for swinging movement between raised and lowered positions, said body having an opening in the top thereof through which said hood moves to and from raised and lowered positions, a door for said opening, a dicky seat to the rear of said opening, a foot board in advance of said dicky seat, and a connection between said footboard and said door whereby the footboard is moved out of the path of swinging movement of the hood when the door is opened.

1,622,900. BOTTLE-WASHING DEVICE. JOHN BECKER, Warren, Idaho. Filed Aug. 25, 1925. Serial No. 52,347. 1 Claim. (Cl. 15—165.)



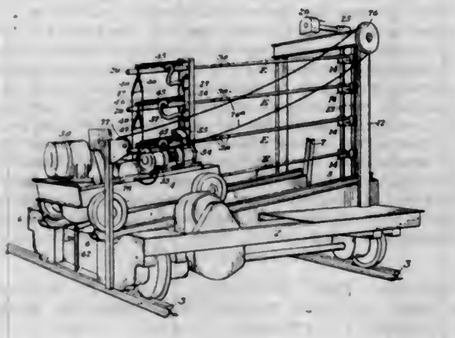
A device for the purpose indicated comprising a staff and a connected brush carrying frame, the latter consisting of pivotally connected bars and brushes mounted thereon, a cap member, an operative connection between the cap member and the brush carrying frame to effect folding or extended movement of the bars of the brush carrying frame upon its movement relative to the staff, the bars comprised by the brush carrying frame being L-shape in cross-section with their contacting flanges pivotally connected and having notched seating brackets set in the corners formed by their flanges, and bruahes provided with twisted wire stems seated in the notches of said brackets.

1,622,901. PORTABLE SEWING MACHINE. DAVID BESWICK, Brooklyn, N. Y. Filed Mar. 31, 1925. Serial No. 19,726. 6 Claims. (Cl. 201—48.)



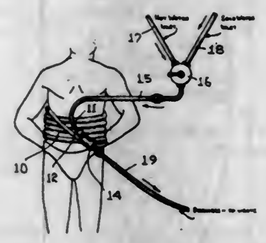
6. In a rheostat, in combination, a series of convolutions of resistance conductor having intermediate exposed portions forming a longitudinal contact surface, a flexible conductor extending along but normally curved away from said surface and adapted to be pressed successively into engagement with said convolutions, a stop retaining said flexible conductor close to said surface, a breaker strip normally insulated from said flexible and resistance conductors and connected to a source of current, and means to press said breaker strip into engagement with said flexible conductor to cause it to contact with said contact surface for the purpose described.

1,622,902. MATERIAL-HANDLING APPARATUS. EDGAR E. BROSIUS, Pittsburgh, Pa. Filed May 13, 1925. Serial No. 29,958. 18 Claims. (Cl. 214—24.)



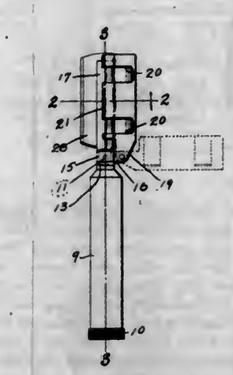
1. A furnace cleaning machine, comprising a plurality of cleaning elements, means for simultaneously operating all of said elements, and yielding means interconnecting said cleaning elements to permit relative movement thereof.

1,622,903. MEDICAL APPLIANCE. JOHN L. COX, Plainview, Nebr. Filed Oct. 20, 1925. Serial No. 63,665. 1 Claim. (Cl. 128—258.)



A medical appliance comprising a coil for application in surrounding relation to the human form, the terminals of the coil being crossed, a combined closing and holding means connecting said terminals, and supply and discharge tubes detachably connected with said terminals.

1,622,904. COMBINED SAFETY RAZOR AND BLADE SHARPENER. THOMAS B. CREWS, St. Louis, Mo. Filed Apr. 13, 1925. Serial No. 22,652. 12 Claims. (Cl. 30—12.)

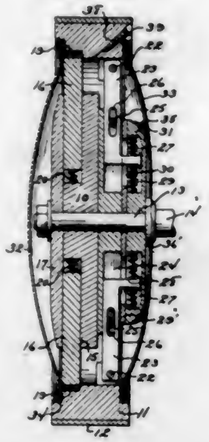


1. A combined safety razor and blade sharpener comprising a blade holder, a shield carried by said holder, a handle removably secured to said holder, a guard detachably secured over said holder and shield, and means for detachably securing said handle to said guard.

1,622,905. SPRING WHEEL. FRANK W. DECKER, Santa Barbara, Calif. Filed Oct. 19, 1925, Serial No. 63,492. Renewed Dec. 9, 1926. 5 Claims. (Cl. 152—28.)

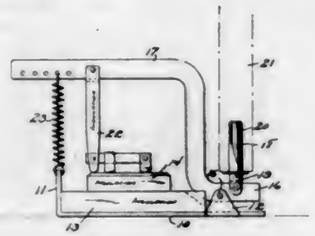
1. A wheel comprising a hub, a rim surrounding and paced from the hub, spokes having their inner ends guided in the hub, springs to yieldingly force the spokes outwardly, means operatively associating the outer ends of

the spokes and rim, levers having their outer ends pivotally connected to the rim and oppositely disposed com-



pression springs operatively associating the inner ends of the levers and hub and disks carried by the rim and enclosing the hub.

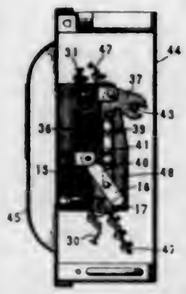
1,622,906. SWITCH. WALTER E. FREESE, Tulare, Calif. Filed July 31, 1925. Serial No. 47,339. 1 Claim. (Cl. 200—52.)



A device of the character described including a base plate having one end extending upwardly and perforated, spaced apertured ears extending upwardly from opposite sides of the base at the other end thereof, an insulated block mounted upon the base plate and having one end arranged against the upwardly extending end of the base, a knife switch mounted upon the insulated block, a substantially Z-shaped lever having one arm pivotally mounted between the spaced perforated ears and the other arm extending above the knife switch, a coil spring having one end connected to the upwardly extending end of the base plate and the other end adjustably connected to the second arm of the lever, means forming operative connection between the knife switch and the second arm of the lever, and a weighted member having pivotal connection with the first arm of the lever at a point adjacent the pivot point of the lever as and for the purpose specified.

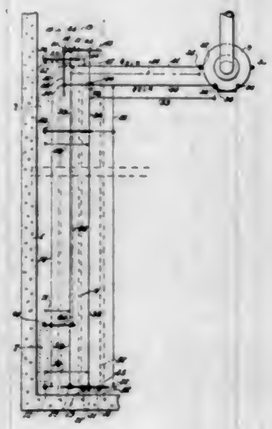
1,622,907. ELECTRIC SWITCH. BENJAMIN E. GETCHELL, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed Apr. 6, 1925. Serial No. 20,931. 13 Claims. (Cl. 200—116.)

7. A switch construction including a spring-pressed switch member, an operating member, a toggle connection between said switch member and said operating member, a roller on said toggle connection, and a thermostatic mem-



ber serving as a bearing and a stop for said roller on normal circuit conditions and to move said roller to open the switch on overload conditions.

1,622,908. DEVICE FOR MEASURING LENGTHS OF PIPES. GEORGE W. HALL, Hartford, Conn. Filed Apr. 28, 1926. Serial No. 105,149. 4 Claims. (Cl. 33—174.)

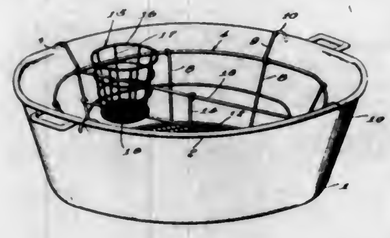


1. A device for the purpose described comprising a plurality of members which are adjustable relative to each other, means for adjustably securing the same together, the ends of the members each having sharpened points for engaging the floor joists of a building for retaining the adjustable members in place, depending rods on the said members, a transversely disposed rod on the depending rods, slidable blocks on the said transversely disposed rod, set screws for securing the blocks to said transversely disposed rod, the set screws being formed for attaching the ring ends of a tape line thereto, whereby when a plurality of said structures are attached, as described, the center lines of piping installation may be located and their lengths determined.

1,622,909. DISH DRAINER. MINNIE E. HATCHER. Tyler, Ala. Filed Nov. 16, 1925. Serial No. 69,385. 1 Claim. (Cl. 141—11.)

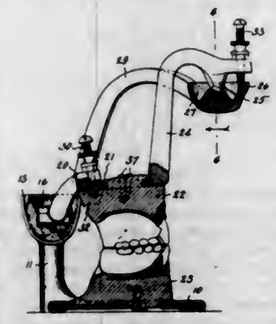
A dish drainer having an open-work body made up of a plurality of rings and rods interconnecting the rings for bracing them and holding them in spaced relation, a bottom of wire mesh secured to the lowermost ring, a plurality of vertically aligned transversely extending

rods connecting opposite portions of the open-work body and serving to brace the body and to divide the interior of the same into compartments, and a rack carried by



said transverse brace rods, a portion of one of said transverse brace rods extending through the rack to divide the same into compartments.

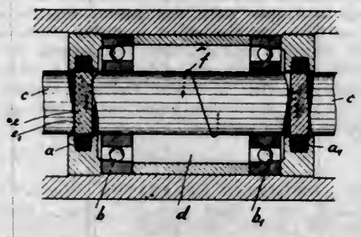
1,622,910. DENTAL RELATOR. JOSEPH HOMER, New York, N. Y. Filed July 13, 1925. Serial No. 43,366. 2 Claims. (Cl. 32—1.)



1. In a dental relator a fixed frame, a movable frame, said movable frame having a pair of pivot members at the rear thereof mounted in a plane above the teeth of jaws carried by the fixed frame, said movable frame also having a pivot member disposed forwardly and at a substantially higher level than the rear pivot members, and bearing members carried by the fixed frame correspondingly disposed thereon to co-operate with the pivot members of the movable frame, the two rear bearing members being appreciably higher than the teeth mounted on said stationary frame and formed as pockets open at the top and one side while the forward bearing member is disposed above the rear bearing members and is formed open at the top, and a guiding lining member positioned in each socket adapted to guide said pivot members as they swing and as they move back and forth during the functioning of the movable frame whereby jaws mounted on the respective frames can be examined and observed and manipulated from the front of the device without difficulty.

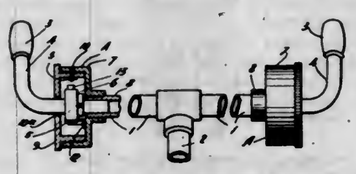
1,622,911. PACKING OF ROTARY SHAFTS. CARL HUTH, Stuttgart, Germany, assignor to The Firm Feodor Burgmann, Dresden-Laubegast, Germany. Filed Sept. 29, 1925, Serial No. 59,397, and in Germany May 13, 1924. 3 Claims. (Cl. 288—1.)

1. A packing ring for rotary shafts, the inner surface of which presents a woven texture of fibrous material, having warp and weft threads, the warp threads being more prominent than the weft threads said threads being arranged in effective position, obliquely to the axis



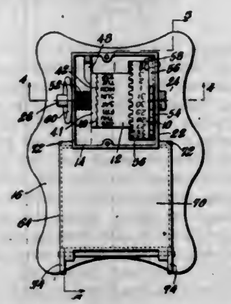
of the shaft, so as to helically surround the latter and to form a net work of channels, the latter being adapted to act as a labyrinth packing.

1,622,912. SHOCK-ABSORBING DEVICE FOR THE HANDLE BARS OF CYCLES AND THE LIKE. JOSEPH JOHNSON, Birmingham, England. Filed Sept. 8, 1925. Serial No. 55,134, and in Great Britain Mar. 25, 1925. 2 Claims. (Cl. 208—125.)



1. In a vehicle steering apparatus, a steering column, a handle bar rigidly secured to said steering column, said handle bar being hollow throughout at least a portion of its length, a hand grip member including a portion axially alined with, snugly fitting within, and rotatable with respect to said handle bar, a housing mounted rigidly on said handle bar and surrounding a portion of said hand grip member, and a spring within said housing connected at one end to said housing and at its other end to said hand grip member.

1,622,913. INDICATING DEVICE. JOHN KARAGUNIS, Newburyport, Mass. Filed Dec. 31, 1925. Serial No. 78,681. 4 Claims. (Cl. 40—112.)



2. An indicating device comprising a rotatable member provided with numbers on the periphery thereof, a second rotatable member provided on its periphery with indications of the days of the week, a disk capable of sliding and oscillatory movement on the shaft of one of said members and having ratchet teeth formed thereon arranged to engage cooperating ratchet teeth on said member to rotate said member step by step when said

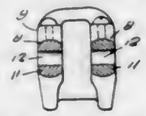
disk is oscillated, means for oscillating said disk, means comprising intermeshing gear teeth on the adjacent rims of said rotatable members for maintaining said members in definite relation to one another, means for moving one of said members laterally with respect to the other to disengage said gear teeth and permit rotation of one member relative to the other, a casing enclosing said rotatable members and provided with means for exposing a sufficient portion of the periphery of each rotatable member to view to render visible a number representing the day of the month and one of the indications of the days of the week.

1,622,914. SWIMMING APPARATUS. HERMAN KINDT, Baltimore, Md. Filed May 17, 1926. Serial No. 109,725. 2 Claims. (Cl. 9—21.)



1. A swimming apparatus of the character described, float members adapted to be disposed upon the outer sides of the legs below the knee and provided with securing means, said float members being of hollow metallic form and provided with downwardly and outwardly flaring funnel-like rigid elements constituting propelling means when the legs are moved up and down.

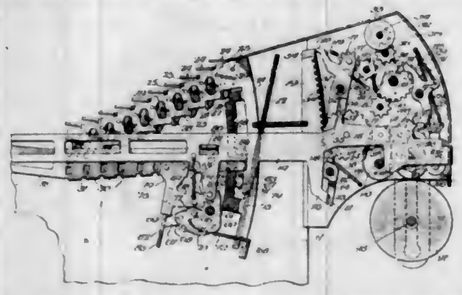
1,622,915. STONE-DRESSING TOOL. GUS MAEHL, Los Angeles, Calif. Filed Mar. 15, 1926. Serial No. 94,845. 1 Claim. (Cl. 125—37.)



A stone dressing tool comprising a body including a handle having a forked head at its outer end, the arms of the fork being provided with bearing block receiving notches opening through the outer ends of said arms, the upper and lower walls of said notches being curved transversely and spaced apart a distance greater than the thickness of the side walls of the fork, bearing blocks fitted into said recesses and having convex edges cooperating with the surface walls of said notches, a shaft extending between the forked arms and having its ends journaled for rotation in the bearing openings in said blocks, cover plates for the outer sides of the bearing openings in said blocks, and means for swingably connecting said plates with the arms of said head.

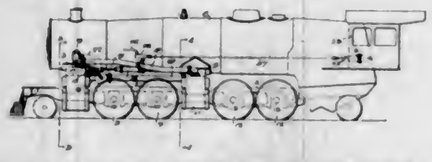
1,622,916. COMPUTER. OTTO MALCHER, Chicago, Ill. Filed Jan. 20, 1919. Serial No. 271,993. 55 Claims. (Cl. 235—59.)

1. In a computing device, an operating member, an inclined key support carried by said operating member, a plurality of keys pivotally mounted on said key support, stops arranged to be engaged by said keys when said operating member is moved, means for holding said keys out of position to engage said stops each key comprising



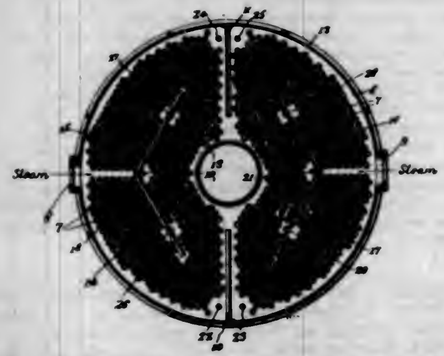
means for swinging it into position to engage its stop when said key is depressed, and means for preventing said key from swinging out of engaging position while said operating member is being moved by said key.

1,622,917. LOCOMOTIVE. WILLIAM J. MCCARROLL, Melrose Park, Pa., assignor to The Baldwin Locomotive Works, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 14, 1925. Serial No. 56,310. 2 Claims. (Cl. 105—39.)



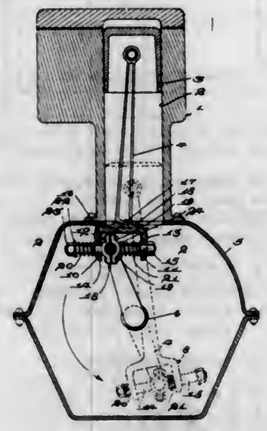
1. In a locomotive, a single rigidly constructed frame; two transversely disposed pairs of engine cylinders spaced apart and rigidly secured to said frame; a boiler supporting saddle rigidly secured to and intermediate of the cylinders of each transversely disposed pair: a boiler rigidly secured to one of said saddles and movably supported on the other of said saddles; rigidly constructed live steam ducts connecting said boiler and said cylinders; and a rigidly constructed exhaust steam duct connecting the pairs of transversely disposed cylinders.

1,622,918. EVAPORATOR. IRA MEALIS, New York, N. Y., assignor to Kelvin Engineering Co., Inc., New York, N. Y., a Corporation of Delaware. Filed May 5, 1926. Serial No. 106,922. 5 Claims. (Cl. 159—28.)



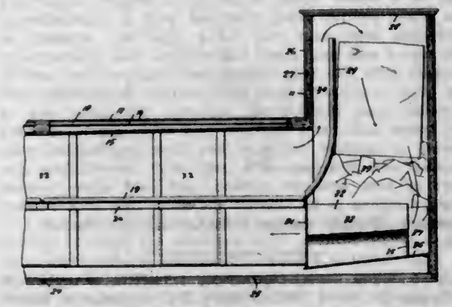
1. A calandria belt for evaporators having opposite vapor inlets and including diagonal baffles having their convergent portions disposed in the path of the incoming vapor, whereby to divide it into oppositely flowing circumferential streams, and lateral baffles disposed to catch said circumferential streams and to divert the same to the opposite sides of said diagonal baffles.

1,622,919. AUTOMATICALLY-VARIABLE CRANK MOTION. ARTHUR E. MILLER, Sacramento, Calif. Filed May 29, 1926. Serial No. 112,554. 6 Claims. (Cl. 74—38.)



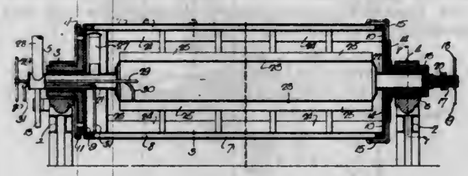
1. The combination with a crank shaft having at least one of the usual cranks and a connecting rod for each crank, of means for connecting the connecting rod to said crank to automatically vary the effective lever arm between the connecting rod and the crank shaft and comprising a bearing member positively and pivotally connected to the crank and a shiftable connection between the connecting rod and said bearing member and having yieldable means for holding the connecting rod in a predetermined position relative to said bearing member until the load exceeds a predetermined amount.

1,622,920. REFRIGERATOR. SEVERIN B. NORDSKOG, Marshalltown, Iowa. Filed May 14, 1925. Serial No. 30,338. 3 Claims. (Cl. 63—37.)



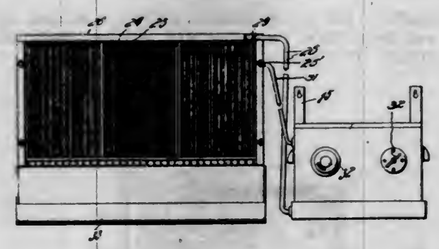
1. In a refrigerator, a single storage cabinet having near each end partitions which divide the cabinet into a central storage compartment, and end ice compartments, each ice compartment having a sloping false bottom, said partitions terminating short of the top of the cabinet to define air passages between the storage and ice compartments, and a tunnel member located upon each false bottom in spaced relation to the end of the cabinet to define an air passage, and having both ends formed with openings for the passage of air therethrough, the tunnel member being adapted to be packed over with cracked ice.

1,622,921. DRIER. CHRISTOPHER OFFENHAUSER, Philadelphia, Pa. Filed May 25, 1922. Serial No. 563,528. 3 Claims. (Cl. 87—13.)



1. The combination in a drier, of a main rotary drum having trunnions; a transverse perforated partition mounted in the drum to form a relatively small collecting chamber; a second stationary drum coaxially positioned within the main drum outside of said chamber; means for introducing steam into the second drum; and a pipe extending through one of the trunnions of the main drum for withdrawing liquid collecting in said chamber.

1,622,922. INSECT DESTROYER. JOHN A. PETERSON and FREDERICK A. TREFFER, Morrill, Kans. Filed Dec. 8, 1923. Serial No. 679,435. 1 Claim. (Cl. 43—112.)

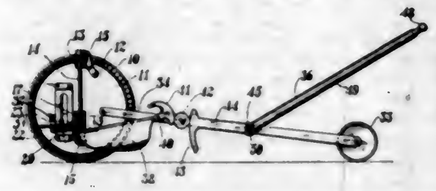


In an insect destroyer, a trough including a flat straight vertical rear wall, having its lower edge curved forwardly and terminating in spaced parallel relation to said wall in the formation of a trough coextensive with the width of said wall, end members closing the ends of said trough and having upwardly inclined edges, a frame of insulating material connected with said wall, primary and secondary circuits including a source of current, metallic frames arranged upon the opposite sides of the insulating frame and supported thereby in spaced parallel relation, said frames including spaced electrodes and adapted to be included in said circuits through the body of an insect contacting the electrodes.

1,622,923. LAWN MOWER. FRANK POLLIFRONE, Brooklyn, N. Y. Filed Nov. 4, 1924. Serial No. 747,740. 2 Claims. (Cl. 56—203.)

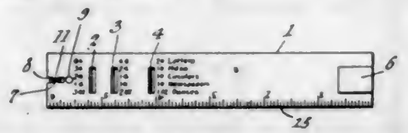
1. In a lawn mower, the combination of means whereby the cut grass collector receptacle may be dumped, comprising a receptacle having an integral rearwardly ex-

tending gear element, and idler gear meshing with former gear element, a gear segment on the front end of an arm that is pivoted at its rear on a pintle, a



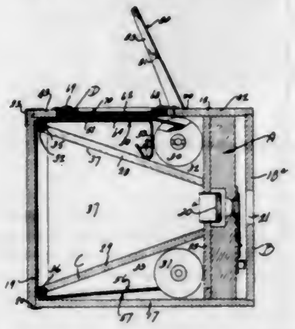
guiding handle extending rearwardly and upwardly from said arm, and a cross bar at the upper end of said handle.

1,622,924. POSTAL SCALE. JAMES KING RICHIE, Butler, Pa. Filed Dec. 6, 1923. Serial No. 678,953. 1 Claim. (Cl. 265—49.)



A weighing scale including a beam, having transversely disposed depressions formed in the upper surface thereof, said depressions defining knife-like projections on the opposite side of the beam providing pivot points, said knife-like projections being spaced various distances apart and arranged adjacent to one end of the beam, one end of the beam having a notch formed therein and having a cut out portion disposed adjacent to the notch defining a bar, a clasp adapted to be pivotally hung on the bar, and a weight at the opposite end of the beam.

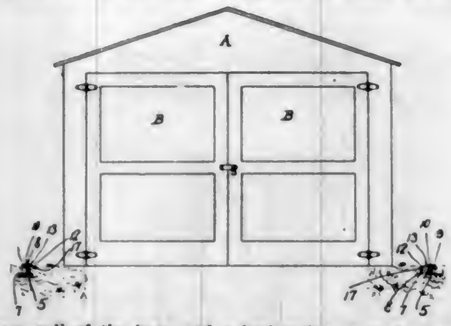
1,622,925. PHOTOGRAPHIC CAMERA. WALTER ELMER ROSS, Hibbs, Pa. Filed Mar. 12, 1925. Serial No. 15,005. 10 Claims. (Cl. 95—1.1.)



1. In a camera the combination of a casing, adapted to receive a film, a strip of paper within the casing adapted to be cooperatively placed with respect to the film received therein, said casing having an opening therein, and a transfer sheet carried across said opening upon which a person may write for recording a message upon the strip of paper pertinent to an exposure of the film.

1,622,926. DOOR CATCH. ARCHIE W. SCOTT, Geneva, Ohio. Filed Feb. 25, 1925. Serial No. 11,458. 1 Claim. (Cl. 292—228.)

A door catch of the character set forth, comprising a base having its rear wall terminating short of its upper edges, a door engaging element having a pocket in its upper surface at the extremity of an inclined area thereof, a pivotal element supporting the door engaging element on the base with its rear end extending over the



rear wall of the base, and a leaf spring secured at one end to the rear wall of the base with its free end extending over the pivotal element into contact with the under side of the door engaging element.

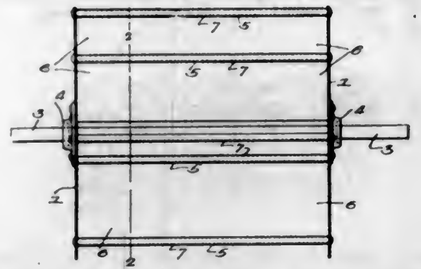
1,622,927. WINDOW-SCREEN HANGER. MANUEL S. SERPA, Rodeo, Calif. Filed May 18, 1925. Serial No. 31,129. 1 Claim. (Cl. 16—172.)



A window screen hanger, comprising an elongated member substantially L-shaped in cross section, one portion thereof being adapted to be secured to the inner face of a screen frame at an upper corner thereof and the other portion being provided with a longitudinally extending slot, said slot being relatively straight at the upper end and lying adjacent to and substantially parallel with the free longitudinal edge of the portion, the lower portion of said slot curving downwardly and inwardly and terminating adjacent the lower end of the frame contacting portion, said other portion further having a passage cut into the free longitudinal edge thereof and merging with said slot intermediate the ends of said straight portion, and said other portion being designed to lie against the inner face of a window frame to slidably engage a supporting pin therein.

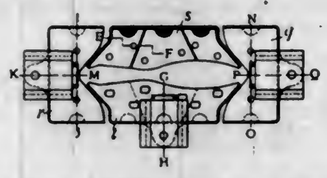
1,622,928. PADDLE FOR DYEING MACHINES. JAMES H. SKITT, Philadelphia, Pa., assignor to Smith, Drum & Company, Philadelphia, Pa., a Partnership consisting of Robert P. Smith and George E. Drum. Filed Feb. 27, 1924. Serial No. 695,581. 2 Claims. (Cl. 259—136.)

1. A paddle wheel comprising end pieces, tie rods securing the end pieces together and arranged in pairs with one rod of each pair further from the axis of the wheel than the other, and plates having beaded opposite



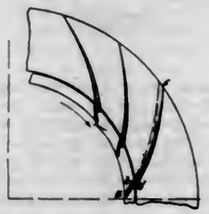
edges through which the tie rods of the respective pairs extend and unbeaded side edges bearing against the said end pieces.

1,622,929. SHOE AND SLIPPER LASTING MACHINE. ERNEST TWEEDALE and JOSEPH HENRY NELSON, Rawtenstall, England. Filed Feb. 3, 1925. Serial No. 6,627, and in Great Britain Feb. 29, 1924. 4 Claims. (Cl. 12—12.)



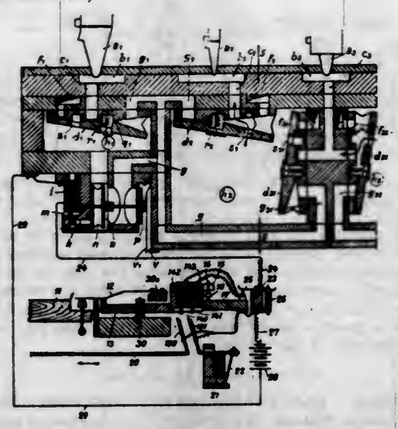
1. In shoe and slipper lasting machines, in combination, a last, with operative means for raising the same, wiper like elements one for each side and one for each end of the last, operative means for moving said elements towards said last, and means co-relating the movements of said last and wipers so that the raising of the last is completed before the inward movement of the wipers is completed.

1,622,930. TURBO MACHINE. THEODOR VON KÁRMÁN, Aachen, Germany, and KARL FROMM, Allentown, Pa. Filed Aug. 21, 1924, Serial No. 733,418, and in Germany Oct. 8, 1921. 6 Claims. (Cl. 230—11.)



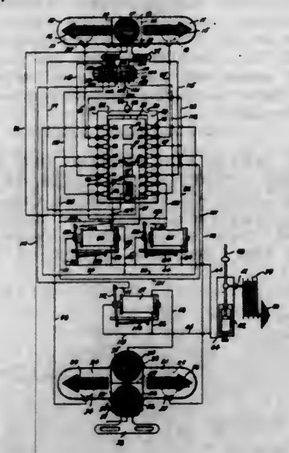
1. In turbo machines, blades co-operating with the fluid passing through the machine, each of said blades being made with uniform continuous contours at either sides of its body and having comparatively small gaps provided therein whereby said blade is divided into sections, said gaps being adapted to pass a comparatively small portion of the fluid from one side of the blade to the other one and to so produce auxiliary streams to draw the main stream between two blades unto and alongside of the contour of the respective blade, said blade sections being carried by circular carrying members.

1,622,931. ORGAN. PAUL WALCKER, Frankfort-on-the-Oder, Germany. Filed July 3, 1922, Serial No. 572,656, and in Germany July 6, 1921. 29 Claims. (Cl. 84—338.)



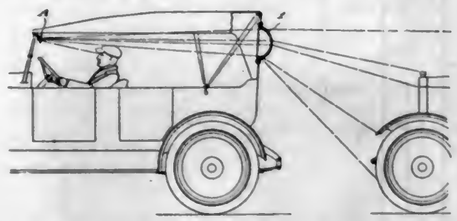
17. In an organ, a double acting pneumatic valve, a channel being in connection with the inflatable part of the said valve, in the channel two openings, and a controlling member for the said openings consisting of a weight in connection with a plate, the said plate being as well adapted to be arranged within the said channel as opposite to the weight at the outside of the said channel.

1,622,932. TRAFFIC INDICATOR. HARRY WARBURTON and GEORGE A. SHERWOOD, Bridgeport, Conn. Filed Aug. 1, 1923. Serial No. 655,056. 11 Claims. (Cl. 177—339.)



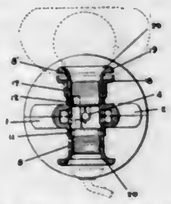
1. In a traffic indicator for motor vehicles, a plurality of similar electrically operated vehicle direction indicators located at the front and rear of the vehicle, an electrically operated tell-tale for each indicator located adjacent the driver's position, each tell-tale corresponding in position and character to its respective indicator, and means for controlling said indicators and tell-tales including a switch for selectively closing circuits for simultaneously operating similar front and rear indicators and their corresponding tell-tales in parallel with the corresponding indicators, said controlling means also including circuits and connections whereby the opening of any indicator circuit will prevent the operation of the corresponding tell-tale.

1,622,933. REAR WINDOW. JAMES H. WEBBER, Carrolltown, Pa. Filed Dec. 11, 1925. Serial No. 74,854. 1 Claim. (Cl. 88—1.)



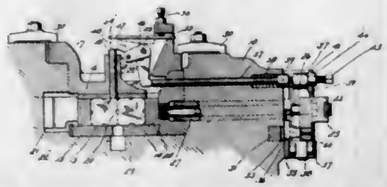
In combination with a motor vehicle having an opening in the rear thereof, of a cup shaped lens adapted to be positioned within said opening with the body of said lens gradually increasing in its thickness from the center, and an annular flange formed on the thickened portion of said lens to provide means whereby to attach the lens within the opening of the vehicle.

1,622,934. ELECTRIC-LIGHTING FIXTURE. ERNEST CANTELO WHITE, New York, N. Y., assignor of one-half to R. Fenton Fisher, Philadelphia, Pa. Filed May 5, 1925. Serial No. 28,060. 9 Claims. (Cl. 240—73.)



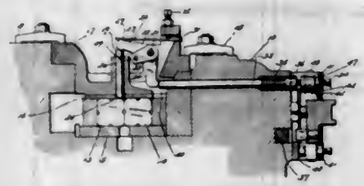
1. An electrical lighting fixture comprising a lamp socket, electrical conductors leading thereto, a housing for said socket and conductors formed of moulded insulating material in a plurality of parts, and threaded means adapted to screw onto the outside of the screw-shell of the lamp socket for holding the said housing together in assembled relation.

1,622,935. MEANS FOR CUTTING OFF BLANKS IN HEADERS, UPSETTING MACHINES, OR THE LIKE. RICHARD LESTER WILCOX, Waterbury, Conn., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn., a Corporation of Connecticut. Filed Jan. 15, 1923. Serial No. 612,836. 10 Claims. (Cl. 10—24.)



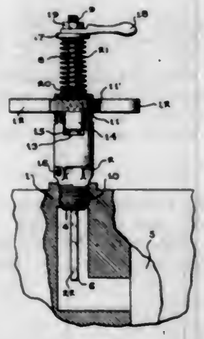
2. In a device of the character described, the combination with companion dies that are moved from the feed line to the upsetting line and from the upsetting line to the feed line; means for separating said dies at the feed line, at which tme the wire rod or length is fed therebetween; means for imparting a supplemental movement toward the feed line of that die nearest the upsetting line until it contacts with that portion of the wire rod or length between said dies; and means for maintaining said die in contact with said wire rod or length during the cutting off operation.

1,622,936. DIE-SEPARATING MEANS. RICHARD LESTER WILCOX, Waterbury, Conn., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn., a Corporation of Connecticut. Filed Jan. 15, 1923. Serial No. 612,837. 18 Claims. (Cl. 10—24.)



11. In a heading or upsetting machine, or the like; a plurality of co-operating dies reciprocating between different positions; a die cap or cover; a plurality of members mounted therein for separating the dies at a predetermined position; a yielding part for each of the members imparting movement thereto and connected with the die cap or cover, whereby pressure is applied to the dies at the predetermined position; a shaft mounted in the die cap or cover; a rock member on the shaft for each of the members and engaged thereby; and means, mounted in a part independent of the die cap or cover, by which the rock members are actuated synchronously and the pressure of all of the members upon the dies relaxed at one and the same time.

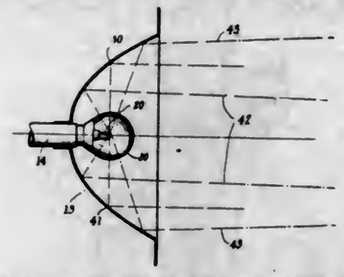
1,622,937. RELIEF VALVE FOR GAS ENGINES. ERNEST E. YOUNG, Sourlake, Tex. Filed Jan. 8, 1925. Serial No. 1,250. 3 Claims. (Cl. 123—182.)



1. A relief valve for gas engines consisting of a valve casing provided with a valve seat, a valve housed within said casing and yieldingly impelled toward said seat, means for imparting angular or turning movement to the valve, and manual means for fixedly disposing said valve in its operating open position, the valve being provided with a stem and the last said means comprising an abutment carried by the stem and movable in a guide opening in the casing, and a member movable axially of the casing and engaging said abutment.

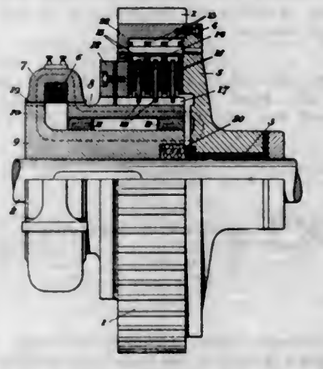
1,622,938. LIGHTING APPARATUS. SAMUEL F. ARBUCKLE, Detroit, Mich., assignor to Monogram Lens Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 30, 1924. Serial No. 709,981. 4 Claims. (Cl. 240—41.)

3. In a vehicle light projector, a reflector; a light bulb having two concentrated filaments spaced approximately 1/8 of an inch apart and lying substantially in the focal plane thereof, the lower filament being approximately



5/64 of an inch from the focal point; and means to energize either filament at will to produce two distinct beams, one for distance and one for near illumination.

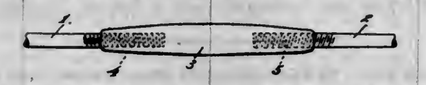
1,622,939. ELECTROMAGNETIC FRICTION CLUTCH. JULIUS BING, Eisenach, Germany, assignor to The Firm Magnet-Werk G. m. b. H. Eisenach, Spezialfabrik für Elektromagnet-Apparate, Eisenach, Thuringia, Germany. Filed Dec. 16, 1924, Serial No. 756,258, and in Germany Dec. 17, 1923. 7 Claims. (Cl. 192—84.)



1. An electromagnetic clutch, comprising a rotary pressure member, and a coaxial rotary abutment member mounted shiftable relatively to each other, two sets of interengaging friction members disposed between said pressure and abutment members and operatively connected respectively therewith for being axially shiftable and non-rotatable thereon, electromagnetic means adapted to shift said pressure and abutment members towards each other and to throw said sets of friction members into frictional engagement with each other, said electromagnetic means comprising two concentric hollow cylindrical bodies of magnetic material and partly surrounded by said friction members and abutment member and rotatable with said abutment member, a ring shaped non-rotatable magnet axially spaced from said friction members and surrounding said cylindrical bodies and having an inner diameter somewhat larger than the outer diameter of both said cylindrical bodies, and an electrical coil adapted to excite said magnet.

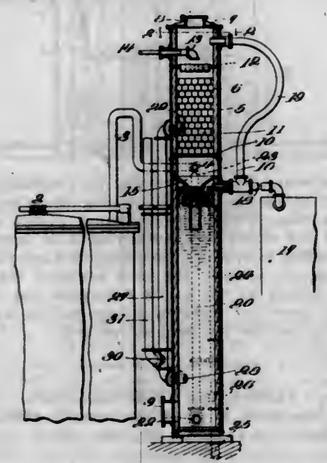
1,622,940. ELECTRIC-CABLE COUPLING. JAMES L. BLEVINS, Borderland, W. Va. Filed Aug. 24, 1923. Serial No. 659,076. 1 Claim. (Cl. 191—44.1.)

A wire splice comprising two wire ends provided with right and left hand threads respectively, and a union of conductive material having hollow ends respectively right and left hand internally threaded, said union being rounded in cross section having a diameter at the threaded ends approximating that of the wires, and tapering to a thicker portion centrally, for more ready en-



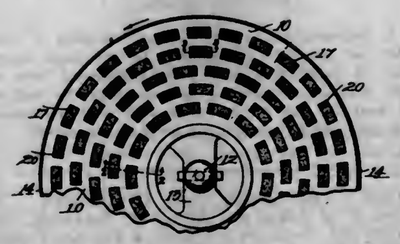
gagement with a wrench, said union being round in cross section and straight so as to form no interference with the gathering of current from the wires at the spliced point.

1,622,941. APPARATUS FOR CONDENSING OILS. CHARLES B. BUERGER, Pittsburgh, Pa., assignor to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed July 18, 1924. Serial No. 726,759. 6 Claims. (Cl. 196—140.)



1. A condenser comprising a tower, means for supplying water thereto at a high point, means for withdrawing water therefrom at a low point, the withdrawal means being arranged to maintain a column of water in the tower, means for delivering vapors to be condensed to a point above the top of the column of water in the tower, means for withdrawing condensate from the top of the column and means for equalizing the pressure below and above the point of introduction of the vapors.

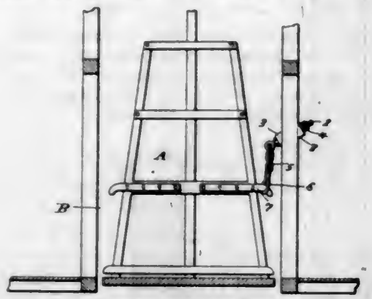
1,622,942. BUFFING WHEEL. ELROY A. CHASE, Northfield, Vt. Filed Jan. 17, 1923. Serial No. 613,262. 3 Claims. (Cl. 51—209.)



1. A buffing wheel comprising a plate having an extended series of short and substantially circumferential openings therein, a plurality of strips of flexible buffing material fitted in each opening to form a single cir-

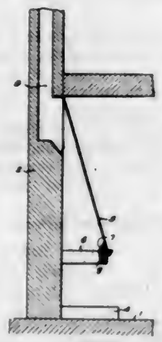
cumferentially extended buffing member, and separate means to secure each such assembly of strips in its opening, said openings being arranged in the face of the wheel with successive openings radially overalpping.

1,622,943. ELEVATOR SUPPORT. GEORGE A. EDWARDS, Bisbee, Ariz., assignor of one-half to Fred Henderson, Bisbee, Ariz., and one-half to Nellie V. Edwards. Filed June 13, 1924, Serial No. 719,863. Renewed Jan. 28, 1927. 2 Claims. (Cl. 187—73.)



2. An elevator support including in combination with a support having an inclined opening therethrough, of a bolt in said opening, wedge-shaped plates mounted upon each end of the bolt and having their tapered portions extending in opposite directions upon opposite sides of the support, nuts on the bolts engaging the plates, said bolt having an eye at its lowermost end, a chain having its upper link engaging the eye and its lower link enlarged as and for the purpose specified.

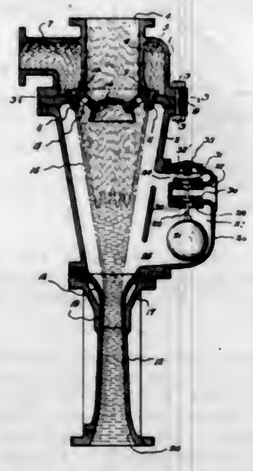
1,622,944. FIREPLACE CONSTRUCTION. ERNEST FLAGG, New York, N. Y. Filed June 15, 1923. Serial No. 645,688. 4 Claims. (Cl. 126—120.)



1. A fireplace construction which includes a hearth member set out into the room with one edge adjacent a wall of said room, and a hood disposed over said hearth, said hood extending upward along the wall to a point near the top of the room, said wall containing a flue at this point to which the hood is connected.
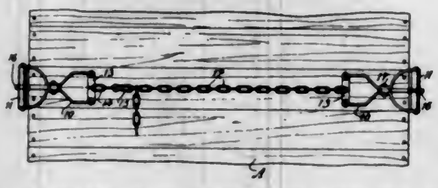
1,622,945. LOW-LEVEL JET CONDENSER. RANDOLPH E. S. GEARE and REIDAR M. NORSTROM, Philadelphia, Pa., assignors to Schutte & Koerting Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 1, 1924. Serial No. 753,272. 2 Claims. (Cl. 261—116.)

1. In a jet condenser a casing, a water box at the upper end of the casing, a plurality of jet nozzles carried at the bottom of the water box and inclined to direct a multiplicity of jets in converging lines toward the outlet of the casing, a steam inlet centrally



of said nozzles and arranged to direct steam within the space interiorly of the plurality of jets of water from said nozzles.

1,622,946. PACKAGE CARRIER. CATO HAARBERG, Chicago, Ill. Filed Aug. 28, 1924, Serial No. 734,762. Renewed Feb. 16, 1927. 2 Claims. (Cl. 294—16.)

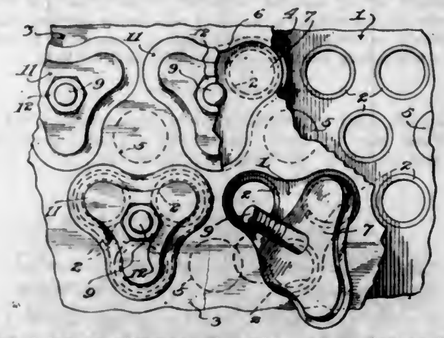


1. A package carrier including end yokes each provided with a handle at the outer ends thereof, a connection between the yokes and connected with the latter at the inner ends thereof, and grab hooks pivoted to the yokes between the ends of said yokes and adapted to be disposed at the outer ends of a package adjacent to the handles, the inner ends of said yokes being adapted to bear upon the top of the package or box being carried to constitute a fulcrum for forcing the hooks into the package with the lifting of the handles.

1,622,947. BOILER STRUCTURE. THOMAS F. HARTY, Rosebank, N. Y. Filed Oct. 24, 1924. Serial No. 745,629. 3 Claims. (Cl. 122—360.)

1. In a boiler structure, the combination of an inner tube sheet having tube receiving openings and tubes fitted therein, said openings being arranged in horizontal rows and in groups of three openings to each group disposed in triangular formation, each triangular group comprising two adjacent openings of a horizontal row and a single opening of a next adjacent horizontal row, said single opening being arranged in a vertical plane lying between the companion pair of openings of the same group, and the group forming openings of each two cooperating horizontal rows of openings being staggered with relation to the group forming openings of similar adjacent rows of openings overlying or underlying the same, an outer sheet having handholes, one for each group of tubes in the inner sheet, and arranged in alinement therewith, each handhole being of trifoliate-

form and having the outer walls of its lobes curved on arcs concentric with the center of the hand-hole, and coincident with the said common center of the alined group of tubes, said walls of the lobes substantially conforming to the curvature of the halves of the walls of the tubes most remote from their common center



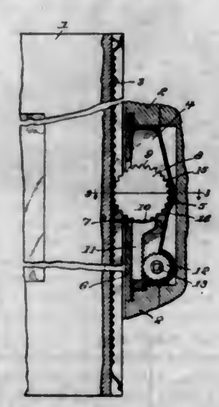
and lying in alinement therewith and at intervening points extending inwardly on lines coincident with the spaces between adjacent relatively inner sides of the tubes, a cover plate for each hand-hole of a trifoliate form corresponding thereto, and means for fastening said cover plate in position.

1,622,948. BANDAGE COMPRESS. ROBERT W. JOHNSON, New Brunswick, N. J., assignor to Johnson & Johnson, New Brunswick, N. J., a Corporation of New Jersey. Filed Dec. 29, 1925. Serial No. 78,188. 2 Claims. (Cl. 128—156.)



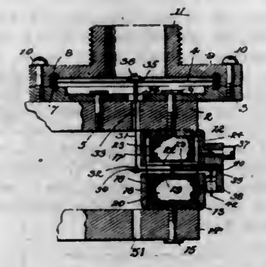
1. A compress, and binding strips to which it is secured and whereof each is arranged in accordian plaited folds which overlie the compress, and means operating to adhesively secure the edge folds.

1,622,949. SASH-OPERATING DEVICE AND LOCK. NYLA Q. KELSO, Oklahoma City, Okla., assignor of one-half to John A. Semke, Oklahoma City, Okla. Filed Oct. 16, 1923. Serial No. 668,922. 2 Claims. (Cl. 292—342).



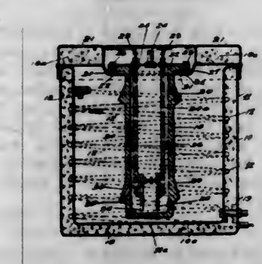
1. A means for locking and controlling the movement of a vertically slidable member which includes a guide for the member, a casing in the guide having its rear wall inclined inwardly from the center thereof, a toothed wheel in the casing projecting therethrough and contacting with the slidable member and normally gravitating to the bottom of the casing for frictionally engaging the rear wall thereof and the slidable member to prevent the movement of the slidable member in one direction, vertically adjustable means underlying and normally supporting the toothed wheel whereby said wheel may be moved to the center of the casing and free from frictional engagement with the casing and with the slidable member or to be further moved for contacting engagement with the upper portion of the casing for the slidable member for holding said slidable member from vertical movement in either direction.

1,622,950. TELEPHONE RECEIVER. WILLIAM E. LA PEARLE and WILLIAM H. LA PEARLE, Salt Lake City, Utah. Filed Dec. 10, 1925. Serial No. 74,634. 11 Claims. (Cl. 179—119.)



1. In a telephone receiver, the combination of a diaphragm; a permanent magnet; an electro-magnet, including a spool and a winding thereon; a plate armature disposed within said spool and adapted to be operated by the electro-magnet about a fixed pivot; armature supporting means disposed between and engaging the opposite faces of the armature and the adjacent faces of said spool for pivotally mounting the armature therein; and a connection between the armature and the diaphragm.

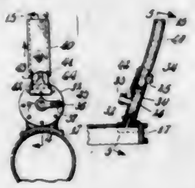
1,622,951. ELECTRIC WATER HEATER OF THE STORAGE TYPE. ALFRED EMILE LEWIS, Camperdown, New South Wales, Australia. Filed Dec. 17, 1925, Serial No. 76,079, and in Australia Jan. 14, 1925. 3 Claims. (Cl. 219—39.)



1. An electric water heater of the character described including, a double-walled storage tank, an annular lid for said tank, an annular supporting flange projecting from the inner edge of the lid, an earthenware vessel provided with an outwardly extending annular flange for engagement with the flange on the lid for suspending the vessel within the tank, the wall of the vessel being provided with openings for establishing communication with the tank, a cover disk for the vessel, electric heating elements suspended from the disk and arranged within the vessel, a coil arranged between the walls of the

tank and in connection with a water supply, a float valve arranged in the upper part of the tank and connected with the upper end of the coil, and a valve controlled outlet leading from the bottom of the tank.

1,622,952. FIRE SAFETY DEVICE FOR MOTION-PICTURE MACHINES. GESUALDO LOSCHIRICO, New York, N. Y. Filed Sept. 4, 1926. Serial No. 133,527. 3 Claims. (Cl. 299—62.)



1. In an apparatus of the class described, the combination with a suitable air compressor and a compression tank, of an oscillatory nozzle, which nozzle is provided with a circular base element which is mounted within a housing attached to the said compression tank, an air passage through the said housing and through the said base element and nozzle, and a control valve within the said passage, a crank member suitably connected to the said circular base, and a rocker rod suitably mounted and having a finger engaging the said crank, and the said rod operated by means of the driving mechanism of the said air compressor.

1,622,953. HEADLIGHT. STEPHEN F. LUCAS, Valley Park, Mo. Filed Sept. 9, 1925. Serial No. 55,368. 1 Claim. (Cl. 240—41.)



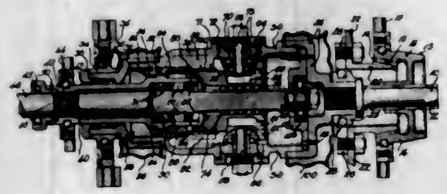
In a non-glare vehicle headlight, a segmental spherical surface reflector, a cover glass contacting with the margin of said reflector, a central light socket, an annular series of light sockets intersecting said renector near the marginal portion thereof and spaced apart from each other and from said central light socket by substantially equal distances, and a light bulb of low candle power in each socket, the combined candle power of said light bulbs being approximately equal to the candle power of the focal light bulb usually employed.

1,622,954. EXTENSIBLE BUCKLE AND THE LIKE. LOUIS MACHEBOUX, Chicago, Ill. Filed June 25, 1926. Serial No. 118,509. 3 Claims. (Cl. 24—163.)



3. As a new article of manufacture an extensible buckle or the like comprising in combination a pair of telescoping members of rectangular cross section, said members being broader in one cross sectional direction than the other, and said members being formed on a cylindrically curved surface, a drum pivotally mounted within the inner member on an axis extending transversely across said member, a spiral spring within said drum tending to retract the same and wind it up, and a flexible tension member having one end connected to the drum and the other end connected to the other telescoping member, and suitable connectors for attachment of a garment to the two telescoping members substantially as described.

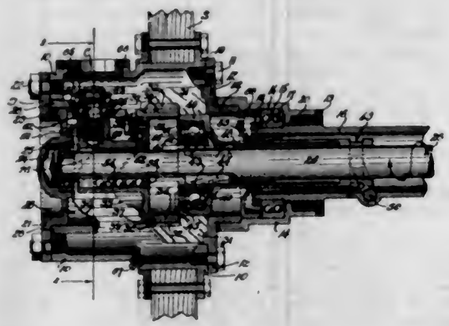
1,622,955. OIL CLUTCH. JOHN A. MALM, Denver, Colo. Filed May 31, 1921, Serial No. 474,007. Renewed Aug. 30, 1926. 27 Claims. (Cl. 192—59.)



1. In an oil clutch a rotary casing, a reciprocable piston in said casing, said piston having a cam groove, the wall on one side of the groove being higher than that on the other side, said high wall having apertures therethru whereby oil may pass from the adjacent end of the piston to said groove and over said low wall to the opposite end of the piston, and rollers carried by said casing to engage said cam walls respectively.

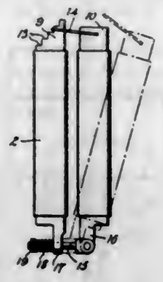
11. An oil clutch comprising a casing, a shaft extending into said casing, a piston within said casing reciprocable on said shaft and splined to said shaft, said shaft and piston having grooves therein, balls positioned in said grooves and constituting the splining means, and fingers carried by the piston and projecting into and closing said grooves to prevent passage of oil through said grooves.

1,622,956. COMBINED OIL CLUTCH AND HUB FOR WHEELS. JOHN A. MALM, Denver, Colo. Filed May 31, 1921, Serial No. 474,009. Renewed Oct. 11, 1926. 16 Claims. (Cl. 192—59.)



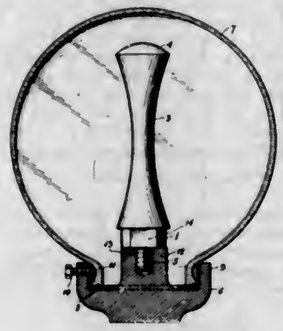
1. A wheel hub comprising a casing enclosing a chamber, a pair of spaced shells within said chamber and carried by the casing, said shells providing a cam groove between them, a shaft extending within one of said shells, a piston reciprocable on said shaft, means to control the movement of oil from one end of the piston to the other, and means on the piston projecting into said cam groove for driving the hub, said piston being provided with means yieldable under excessive pressure.

1,622,957. HAIR-WAVING APPLIANCE AND METHOD. JOSEF MAYER, Karlsbad, Czechoslovakia. Original application filed Mar. 19, 1925, Serial No. 16,784, and in Germany Apr. 9, 1924. Divided and this application filed Sept. 14, 1926. Serial No. 135,439. 4 Claims. (Cl. 132—36.)



4. In a permanent hair waving apparatus a pair of flat bars for gripping a flat strand of hair, heat resisting means covering each of said bars, a liquid absorbing member covering said heat resisting means, a resilient hinge connecting said bars together adjacent one end, one of said bars being formed on the end opposite said hinge with a stepped formation, and an adjustable link carried by the other of said bars and adapted to fit against said stepped formation for connecting the opposite ends of said bars together.

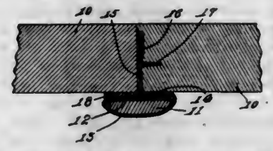
1,622,958. REFLECTING INDICATOR. CLARENCE GARFIELD MCLEAN, Winchester, Mass. Filed Nov. 10, 1921. Serial No. 514,269. 1 Claim. (Cl. 88—1.)



A reflecting indicator comprising a casing comprising a transparent member and having mounted therein a reflecting member and consisting of an elongated hour-glass-shaped body with the opposite enlarged ends of substantially uniform dimensions, the outer concave surface of the body continuing regularly towards the enlarged ends from a central diametrically reduced portion of the body, one enlarged extremity of the body having a convex contour and the opposite extremity being reduced and provided with securing means, the concave surface of the body and convex end being provided with reflecting means.

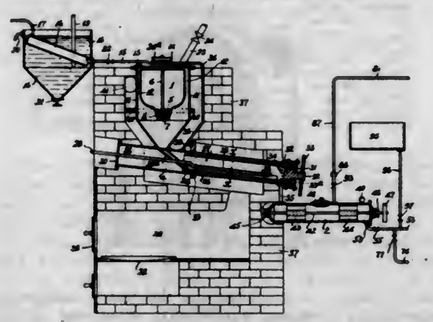
1,622,959. STRIP. CHARLES A. MCMANAMAY, Beckley, W. Va. Filed Feb. 2, 1925. Serial No. 6,443. Renewed Sept. 20, 1926. 1 Claim. (Cl. 20—69.)

A strip of the character described comprising a core having a flat face, a sheet metal cover surrounding the core, the longitudinal edges of the cover being extended to provide a clamping portion spaced from and parallel with the flat face of the core, a longitudinally disposed attaching flange extending from the free edge of the clamping portion at right angles to the flat face of the



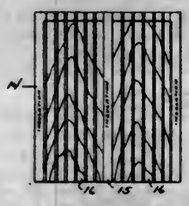
core and a compressible strip having one longitudinal edge clamped between the cover and said clamping portion.

1,622,960. TREATMENT OF ZINC-GOLD SLIMES AND APPARATUS THEREFOR. CHARLES EDWARD MEYER, Johannesburg, Transvaal, South Africa. Filed Apr. 10, 1922, Serial No. 551,295, and in the Union of South Africa Apr. 16, 1921. 10 Claims. (Cl. 266—9.)



1. Means for treating zinc-gold slimes, including an oxidizing vessel, a rabbler for receiving the product from said vessel, and agitating means for receiving the oxidized product from the rabbler for effecting further treatment of the oxidized slimes, as set forth.

1,622,961. STORAGE-BATTERY-PLATE SEPARATOR. JOHN H. MEYER, Unadilla, Nebr. Filed Aug. 2, 1924, Serial No. 729,777. Renewed Nov. 10, 1926. 3 Claims. (Cl. 136—145.)

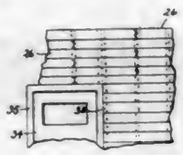


1. A storage battery plate separator comprising a rectangular frame of insulating material open at one end, and having its confronting edges grooved, and a wooden filler of sheet or plate-like formation having its outer edges grooved and conformingly and slidably engaged within the grooves in said frame.

1,622,962. BUILDING CONSTRUCTION. CHARLES L. MICHOD, Chicago, Ill. Filed Sept. 10, 1923. Serial No. 661,870. 2 Claims. (Cl. 20—2.)

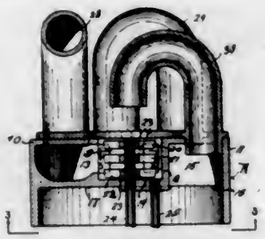
1. In a building construction, a wall section having a frame about an opening therethrough, siding on said wall section, a second wall section, the second wall section having siding, the latter siding at a portion thereof

substantially uninterruptedly fitting against a side of said frame, said siding having an extension beyond an end of the frame interrupted to interfit with the first



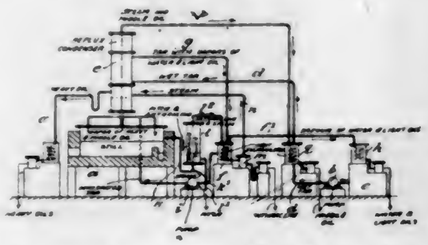
mentioned siding, the interfitting portions of the siding of both sections crossing the extended line of said side to avoid the appearance of a line joint between the sections at said side.

1,622,963. OIL BURNER. JAMES CORBETT MILLAR, De Pere, Wis. Filed Feb. 5, 1925. Serial No. 6,993. 2 Claims. (Cl. 158—91.)



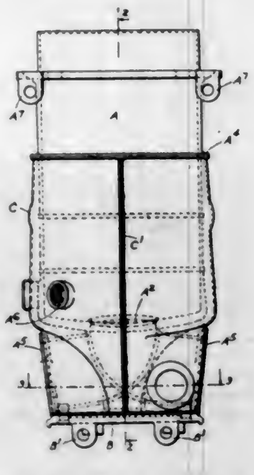
1. A burner of the character described, comprising a body having a central burner cup, superposed oil trays each having radial arms arranged in said cup, means supplying oil to the trays, an overflow pipe leading from the cup, said body being provided with air chambers eccentrically of the burner cup, and opening into the latter, air circulating tubes opening into the body and into the chambers, and means overhanging the burner cup ejecting air onto the trays from the interior of the body.

1,622,964. METHOD OF DISTILLATION. JOHN STANLEY MORGAN, London, England, assignor to Thermal Industrial and Chemical (T. I. C.) Research Company Limited, London, England. Filed Jan. 30, 1923, Serial No. 615,963, and in Great Britain Nov. 13, 1922. 4 Claims. (Cl. 196—85.)



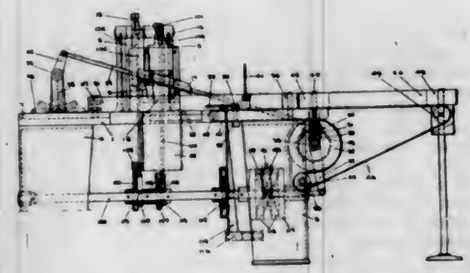
1. A method of fractionally distilling a liquid mixture containing more than two constituents, which consists in distilling from the mixture and condensing a lower boiling fraction, passing superheated steam through the higher boiling fraction remaining, cooling the mixture of steam and vapor which leaves the liquid mixture to a temperature adapted to condense the vapor, and then passing the steam through the condensed lower boiling fraction to thereby vaporize a portion of the latter.

1,622,965. CYLINDER FOR INTERNAL-COMBUSTION ENGINES. MONTAGUE STANLEY NAPIER, Cannes, France, and GEORGE SHAKESPEARE WILKINSON, London, England, assignors to D. Napier & Son Limited, London, England, a British Company. Filed Feb. 2, 1925, Serial No. 6,499, and in Great Britain June 18, 1924. 2 Claims. (Cl. 123—173.)



1. In a multicylinder internal combustion engine of the water-cooled type, the combination of a plurality of cylinders each comprising a cylinder barrel and cylinder head formed as a unit and a thin metal casing surrounding the cylinder and welded thereto in a watertight manner to form a water jacket, lugs formed on each cylinder beyond the limits of the water jacket, means for connecting the lugs of adjacent cylinders together to form a block of cylinders, hollow bosses extending from the water jackets of adjacent cylinders so as to lie opposite to one another and a flexible tube connecting said bosses and adapted to be inserted in place when the cylinders are being assembled and retained in place when they are so assembled without additional securing means.

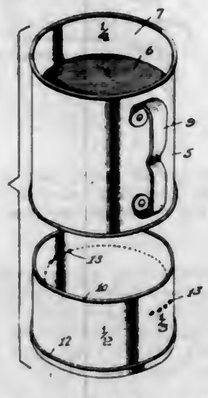
1,622,966. MACHINE FOR MAKING CIGAR ROLLS. PER NORDENFELT and ERIK GRANSTEDT, Stockholm, Sweden, assignors to Aktiebolaget Formator, Stockholm, Sweden, a Corporation. Filed Oct 20, 1923, Serial No. 669,805, and in Sweden May 4, 1923. 11 Claims. (Cl. 131—39.)



1. A machine for making filler rolls for cigars from a string of filler tobacco, comprising means for cutting out roll blanks from said string, means for feeding the string into an operative position for the cutting tool, the part of the said feeding means adjacent the cutting means comprising a gripping device consisting of two

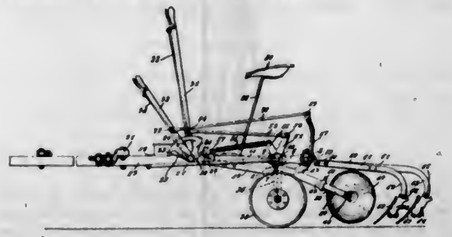
members arranged one on each side of the string and moving in their longitudinal directions and to and from each other, means for causing said members after each severing operation of the tool to grip the string and feed the latter in position for the cutting tool, and then during the severing operation to support the string and keep the severed roll blank together in cooperation with the cutting tool.

1,622,967. CUP MEASURE. HELEN AUGUSTA O'HAVER, Topsham, Me. Filed Nov. 22, 1926. Serial No. 149,989. 3 Claims. (Cl. 73—62.)



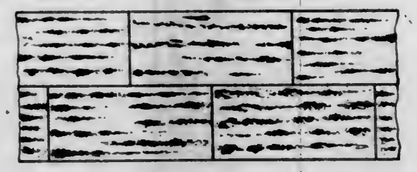
1. A cup measure consisting of an open-ended cylinder having a diaphragm extending across its interior at a point to convert one end into a three-fourths-cup measure and the other end into a one-fourth-cup measure, and a one-half-cup measure consisting of a cylinder adapted to fit into the three-fourths-cup measure and provided with a bottom disk which serves when the one-half-cup measure is thus fitted into the three-fourths-cup measure not only as a bottom of this one-half-cup measure but also as a bottom for the cup as a whole.

1,622,968. CULTIVATOR. HERMAN E. ORTHMAN, Lexington, Nebr. Filed July 27, 1926. Serial No. 125,231. 6 Claims. (Cl. 97—143.)



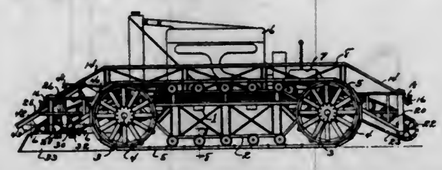
1. A cultivator comprising a pair of spaced, parallel, supporting bars each shiftable on its longitudinal axis and one arranged in advance of the other, a series of spaced parallel coupling members for said bars, a front and a rear shiftable supporting collar mounted in each of said members, said forward bar corresponding in contour to the inner faces of the forward collars and extending through these latter, said rear bar corresponding in contour to the inner faces of the rear collars and extending through these latter, said collars shifting bodily with said bars, a pair of hangers, each fixedly secured to the forward bar in proximity to an end thereof and movable upon an arc when the forward bar is shifted on its longitudinal axis, cultivator disks supported from and rearwardly of said forward bar and vertically adjusted thereby when said bar is shifted on its longitudinal axis, spaced shovels arranged rearwardly of the disks and supported from and rearwardly of said rear bar and vertically adjusted by the latter when it is shifted on its longitudinal axis, a supporting wheel mounted on each hanger and bodily carried therewith when its associated hanger is shifted on an arc, each of said bars provided intermediate its ends with an upstanding crank arm, a link and lever mechanism connected to the crank arm on the forward bar to provide for the shifting of such bar to elevate and lower said disks and shovels synchronously, and a link and lever mechanism connected directly to the crank on the rear bar for shifting the latter to elevate and lower said shovels independently of said disk.

1,622,969. COVERING OF PLASTIC MATERIAL AND METHOD OF MAKING THE SAME. ROBERT W. PAGE, Glen Ridge, N. J. Filed Apr. 6, 1926. Serial No. 100,032. 5 Claims. (Cl. 41—35.)



1. The method of making surface coverings of plastic material, which comprises spreading a body layer of a plastic mixture of cementitious material and an aggregate of small stone pieces, placing a plastic mixture of contrasting appearance also formed of cementitious material and small stone pieces on portions of the body layer in distributed lines or areas according to a desired plan or design, pressing the last applied mixture into the body layer while both it and the body layer are still plastic to consolidate it with the body layer, allowing the mass to harden, and grinding the surface smooth.

1,622,970. ROAD-BED-BUILDING MACHINE. ROSCO PAYNE, Macedonia, Ill. Filed Sept. 22, 1926. Serial No. 137,160. 4 Claims. (Cl. 104—6.)

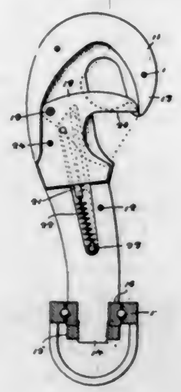


1. A rod building machine for railway tracks, comprising a motor driven caterpillar tractor, an open bridge pivotally supported on the frame of the tractor, and said bridge having its sides provided with downwardly inclined ends, inwardly directed stub shafts on the sides of the bridge, grooved rollers journaled on certain of the stub shafts, sprocket wheels journaled on the ends of the stub shafts, endless chains trained around the sprocket wheels and guided on the grooved rollers and said chains designed to support the ties of a track thereon to hold the same temporarily in elevated position, rollers on the inner corners of the sides of the bridge designed to engage with the rails of the track, and angularly disposed scraper blades at the forward corners of the bridge.

1,622,971. SAFETY HOOK. GEORGE NEWTON PORTER, Oilton, Okla. Filed July 21, 1926. Serial No. 124,027. 4 Claims. (Cl. 24—241.)

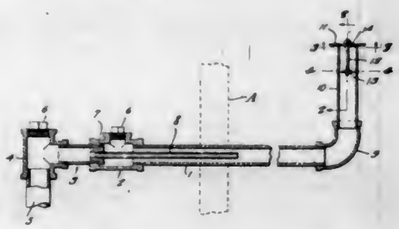
1. In combination, a hook, a dog pivoted thereon and having a U-shaped portion, resilient means for normally

holding the dog positioned with its U-shaped portion in the mouth of the hook and adapted to be moved to a position to close said hook incident to the association of an object with the latter, a shoulder formed on the shank of the hook, a pivoted locking rod carried by said dog and adapted to repose upon the shoulder to hold the



dog in its adjusted position, means for moving the bar on said shoulder as the dog is moved to its adjusted position, and means for effecting a release of said locking bar to allow the dog to automatically return to its normal position under the influence of said resilient means.

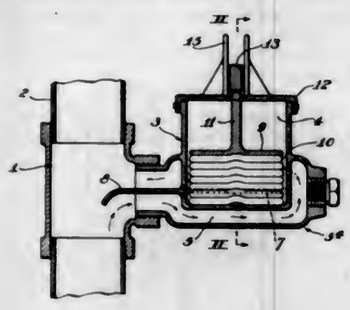
1,622,972. GAS BURNER. HOMER O. PORTER, Denoya, Okla. Filed July 21, 1926. Serial No. 124,004. 1 Claim. (Cl. 158—99.)



A burner for natural gas comprising an L-shaped tubular part having one portion horizontal and the other vertical, the vertical part having notches in its upper end, a plate covering the upper end and being of greater diameter than the vertical part, an eye bolt connected with the plate and depending into the vertical part, a cross piece carried by the vertical part and passing through the eye of the bolt and means for introducing natural gas into the horizontal part under compression and without mixing the same with air.

1,622,973. THERMOSTATIC DAMPER CONTROL. SAMUEL F. RICHARDS, Pittsburgh, Pa. Filed Nov. 22, 1926. Serial No. 149,825. 4 Claims. (Cl. 236—32.)

1. In combination in a temperature controlling device for use with an upright hot water pipe through which a circulation of water is provided, a casing having a tubular connection leading into said pipe, a laterally extending partition in the casing extending through said connection and projecting into the pipe, an upright casing integral with the first casing and having its lower end extending down into said first casing past said partition, expansible thermostatic means and a plunger

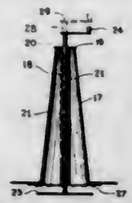


mounted in said upright casing, and a communication between the outer ends of the cavities in said first casing lying above and below said partition.

1,622,974. PROCESS FOR DECOMPOSING FATS OR OILS INTO FATTY ACIDS AND GLYCERIN. ALBERT S. RICHARDSON and CLINTON V. CONLEY, Cincinnati, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Mar. 13, 1922. Serial No. 543,514. 2 Claims. (Cl. 87—4.)

1. The process of decomposing fats or oils into fatty acids and glycerin by reaction with water, which consists of heating and agitating the reaction substances in the presence of aromatic sulfonic acids of molecular weight less than 250 without the use of oleic or similar fatty acid, substantially as described.

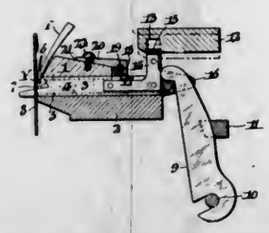
1,622,975. COOKING KETTLE. JOSEPH ROZIČ, Palmerton, Pa. Filed June 16, 1926. Serial No. 116,302. 4 Claims. (Cl. 53—1.)



1. In a cooking kettle, in combination with an outer and an inner container arranged to have a space between the bottoms and sides thereof, a frusto conical shaped member attached at its lower extremity to the bottom of the inner container, and positioned at the center thereof and extending vertically therefrom above the upper extremity of the said container, the bottom of the said inner container having cut therein a central circular aperture to permit the said frusto conical shaped member to be attached thereto, a hollow tubular member attached at its upper extremity to a flanged member provided with apertures, the said hollow tubular member positioned in the center of the frusto conical shaped member and extending downward therefrom flush with the lower extremity of the said frusto conical shaped member, the said flanged member attached to the upper extremity of the said frusto conical shaped member, threads on the inner periphery of said tubular member engaging with a thread cut on the outer periphery of a rod, the said rod positioned in the said hollow tubular

member, a plate attached to the lower extremity of the said rod, a handle attached to the upper extremity of the said rod, so as to permit the said plate to close the lower extremity of the frusto conical shaped member by rotating the said handle.

1,622,976. KNITTING MACHINE. ALBERT E. SCHULZ, Lansdale, Pa., assignor to Dexdale Hosiery Mills, Lansdale, Pa., a Corporation of Pennsylvania. Filed Aug. 9, 1924. Serial No. 731,069. 5 Claims. (Cl. 66—110.)

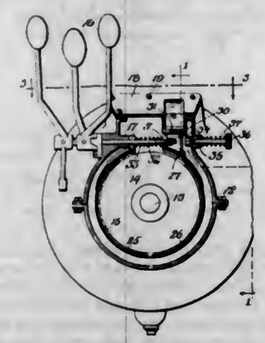


2. In a knitting machine, the combination with needles, yarn feeds, sinkers, sinker-actuating means and a holding bar, of a friction device gravitationally mounted in the holding bar for restraining free movement of the sinkers during periods of release from the actuating means to prevent their accidental projection into the path of the yarn feeds during yarn feeding.

1,622,977. ALLOY. EZEKIEL J. SHACKELFORD and WILLIAM B. D. PENNIMAN, Baltimore, Md., and JOHN R. CAIN, Washington, D. C., assignors to Radiac Metals, Ltd., Masterton, New Zealand, a Corporation of New Zealand. Filed Apr. 16, 1925. Serial No. 23,669. 5 Claims. (Cl. 75—45.)

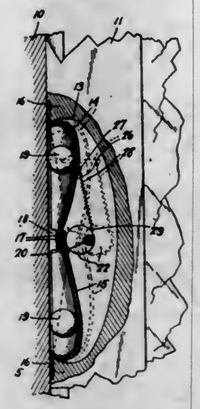
1. A process of producing an alloy of iron and chromium which includes the steps of charging a furnace with basic slag producing material and molten iron having a carbon content of .05% or under, adding a charge of ferro-chromium, working the bath until the carbon content is under .3%, adding a second charge of ferro-chromium, and repeating this step as often as necessary until the bath has the desired chromium and carbon content.

1,622,978. TRANSMISSION CASE. VALENTINE E. SHAKESPEARE, West New Brighton, N. Y. Filed Sept. 3, 1926. Serial No. 133,427. 4 Claims. (Cl. 74—56.)



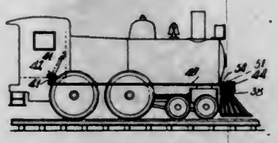
1. A transmission case including a pair of mating sections adapted to be bolted together about a power shaft, a cover carried by one section and having openings therein through which speed bands are adapted to be inserted in the case, said openings being arranged in a depressed portion of the cover.

1,622,979. WINDOW LOCK. OSCAR E. SHOSTROM, Seattle, Wash. Filed Aug. 25, 1926. Serial No. 131,517. 4 Claims. (Cl. 70—14.)



1. A window lock comprising a pair of pivoted trough-like members arranged within a recess formed in one side of the window sash, extensions formed on the adjacent ends of said members and arranged in overlapping relation, a ball movable within each member and adapted to engage the window casing for holding the sash immovable when said members are in active positions, and means operable from the exterior of the sash for holding said members in their active positions.

1,622,980. AUTOMATIC RAILROAD SWITCH. JOSEPH SZABO and ALEXANDER LADANE, New Castle, Pa. Filed Sept. 4, 1926. Serial No. 133,542. 1 Claim. (Cl. 246—314.)

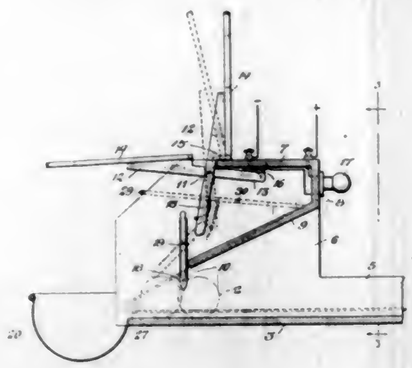


In an apparatus of the class described, the combination with a railroad switch of a rocking beam therewith connected, and the said beam connected in opposite directions by suitable rods to switch levers set at a distance therefrom, the said switch levers each pivotally mounted on a base structure and having a main shaft which has at its upper extremity angularly disposed members adapted to receive the contact of an element projecting from a passing object, and having in the body of the said shaft a slot through which a pivot passes, the said pivot supporting a lever of the connecting mechanism, and a sliding element mounted on the aforesaid shaft and engaging the said pivot, and tension springs secured to the said sliding element and to the said main shaft, substantially as shown and described.

1,622,981. AMUSEMENT DEVICE. FRANK WASUKE TANAKA, New York, N. Y. Filed Oct. 26, 1926. Serial No. 144,309. 5 Claims. (Cl. 273—41.)

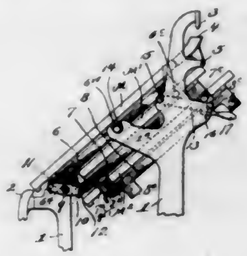
1. An amusement device comprising a runway, a series of pivotally mounted figures arranged adjacent one end

of the runway, a series of pivotally mounted members co-acting with said figures so that when said members are swung in a certain direction they will swing said figures to an inoperative position, a signalling device pro-



vided with an electric circuit, and a switch normally holding said circuit open, said switch being positioned so as to be engaged and closed by said figures as they are moved to a lowered position.

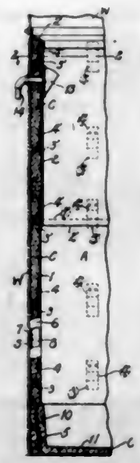
1,622,982. TYPOGRAPHICAL MACHINE. NICHOLAS TESTI, New York, N. Y., assignor to Intertype Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Sept. 25, 1926. Serial No. 137,793. 12 Claims. (Cl. 199—45.)



1. In a typographical machine, the combination of a main frame, means for supporting a plurality of matrix magazines whereby the latter may be shifted to bring one or another thereof into operative position, and means for shifting the magazines comprising a crank rotatable about a fixed axis and having a plurality of crank pins operative to successively act on the magazine supporting means to shift the magazines.

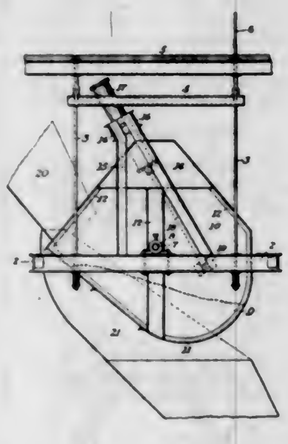
1,622,983. INCLOSURE FOR SHOWER BATHS. MICHAEL J. TRACY, St. Louis, Mo., assignor to Pauly Jail Building Company, St. Louis, Mo., a Corporation of Missouri. Filed Sept. 27, 1926. Serial No. 138,051. 5 Claims. (Cl. 72—16.)

1. In combination with a plurality of partition walls, a shower bath inclosure spaced from said walls, said inclosure comprising a plurality of U-shaped plates in superposed relation, means for mounting the plates on the inner surfaces of the walls, said mounting means consisting of brackets projecting from the walls and clips secured to the sides of the plates, the brackets being adapted



for engagement between the clips and plate and a suitable filling material in the space between the plates and partition walls.

1,622,984. WEIGH PAN. JOSEPH PIERRE VOGEL, Pittsburgh, Pa., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Nov. 10, 1921. Serial No. 514,192. 11 Claims. (Cl. 265—27.)



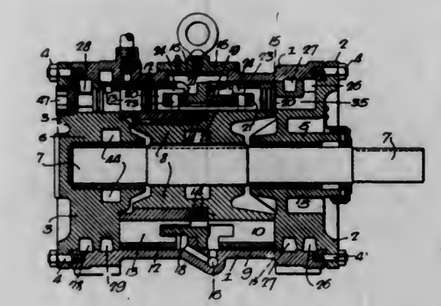
1. In an apparatus for weighing coal, a frame supported by a scale element, a weigh pan having a fixed pivotal mounting on the frame, said pan having a closed bottom also an open top through which the coal to be weighed is delivered and through which the weighed coal is discharged, and actuating means for reversing at will the positions of the closed bottom and open top of the pan to place the top into either receiving or discharging position, substantially as described.

1,622,985. ROLLER BEARING. ERNST HJALMAR WALODDI WEIBULL, Gottenborg, Sweden, assignor, by mesne assignments, to Nya Nordiska Kullager Aktiebolaget, Gottenborg, Sweden. Original application filed Apr. 26, 1919, Serial No. 292,927, and in Sweden Oct. 3, 1918. Divided and this application filed July 15, 1920. Serial No. 396,587. 1 Claim. (Cl. 308—215.)



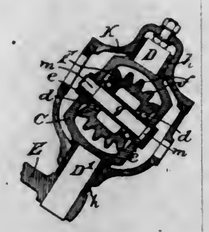
In a roller-bearing of the class described, a plurality of rollers each of which is of such a proportion as to breadth and radius that the moment of inertia with reference to the normal axis of revolution exceeds the moment of inertia with reference to any other axis passing through the center of gravity thereof, whereby a couple will be produced tending to return the roller to its original position.

1,622,986. ROTARY PUMP OR MOTOR. ANTHONY E. WEINGARTNER, Bethlehem, Pa., assignor to American Engineering Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 13, 1921. Serial No. 469,158. 14 Claims. (Cl. 121—62.)



6. In a machine, the combination of a casing, end plates for said casing, a rotor mounted within the casing and having at one side thereof an annular peripheral extension, a ring mounted upon the periphery of said rotor and spaced apart from said extension, means for preventing relative rotational movement between the rotor and the ring, lock nuts carried by said rotor intermediate the ring and the said extension for retaining said ring in a position upon the rotor body affording close contact between the outer surfaces of the extension and of the ring and the inner surfaces of the respective end plates, and means for actuating said rotor comprising cylinders in the rotor, pistons in said cylinders, and a relatively fixed cam intermediate the said peripheral extension and said ring and operatively connected with the pistons.

1,622,987. WORM AND WORM-WHEEL TRANSMISSION. HERBERT AUSTIN, Bromsgrove, England. Filed Nov. 29, 1926, Serial No. 151,491, and in Great Britain Feb. 11, 1926. 7 Claims. (Cl. 74—79.)



1. Worm and worm-wheel transmission comprising, a parallel sided worm, a pivotally mounted worm-wheel element having its pivoted axis angularly disposed with reference to its axis of rotation, and ring tooth members rotatably carried by the said element and engaging with the convolutions of the worm.

1,622,988. SASH-CORD FASTENER. THOMAS W. BARRETT, Zanesville, Ohio. Filed Sept. 17, 1926. Serial No. 136,139. 2 Claims. (Cl. 16—202.)

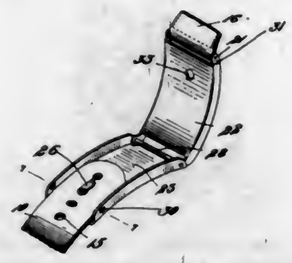


1. A sash cord connector comprising a pair of members, one of said members being designed to be set into the side rail of a window sash and having a keeper, the other member being adapted for slidable and removable engagement with the first mentioned member and having a projection for detachable locking engagement with the keeper, said last mentioned member being formed with a restricted portion and a slot, the latter being designed to receive a balance-weight cord, and means for fastening the end of the cord after its passage through the slot to the restricted portion of said member.

1,622,989. EXTENSION MEMBER FOR WRIST-WATCH STRAPS. JOHN P. BENJAMIN, East Providence, R. I., assignor to Rex Manufacturing Company, Providence, R. I., a Corporation of Rhode Island. Filed June 5, 1926. Serial No. 113,878. 6 Claims. (Cl. 24—71.)

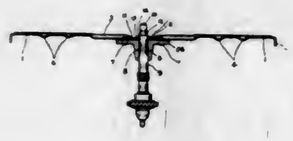
1. In a wrist watch strap having two parts, a pair of sheet metal link members hinged together at one end, means for releasably connecting said members together at the other end whereby they may be detached and swung on said hinge to an end-to-end extended position, an open-

ing in one of said strap parts inwardly from the periphery thereof, a hook on one of said members protruding inwardly therefrom toward the other member when in



closed position for extending through said opening and over said strap, and the other strap part fixedly connected to the other link member.

1,622,990. RETAINING DEVICE FOR RODS AND SHAFTS. LE BONSIEUR, Elyria, Ohio, assignor to The General Industries Company, Elyria, Ohio, a Corporation of Ohio. Filed Mar. 8, 1926. Serial No. 93,130. 4 Claims. (Cl. 287—53.)

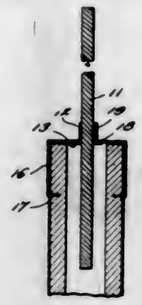


1. In a device of the class described, the combination with a shaft, of an element adapted to be carried on the shaft, said shaft having a shoulder at one side of the said element but closely adjacent thereto, a spiral spring adapted to be placed over the shaft and compressed with its base bearing against a face of the element, and a relatively small convolution of the spring being sprung over the said shoulder during application of the spring and adapted to rest against the said shoulder, whereby the said spring is flattened and compressed between the said shoulder and the element to retain the element in position on the shaft, said shoulder being formed by a peripheral groove extending around the shaft, said small convolution adapted to snap into position in the groove, said spring having an outwardly extending projection adapted to be engaged by a hand tool to facilitate removal of a spring from element securing position on the shaft.

1,622,991. TREATMENT OF FORMATES OF METALS OF THE ALKALI-EARTH GROUP. OTTO PAUL CURT BREDT, Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y., a Corporation of New York. Filed Apr. 7, 1921, Serial No. 459,500. Renewed Jan. 12, 1924. 6 Claims. (Cl. 260—115.)

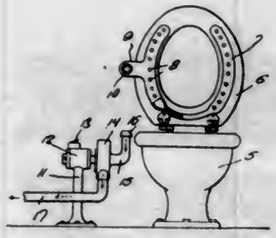
1. A process comprising reacting upon calcium formate with sodium hydroxide to form sodium formate, heating the sodium formate to obtain sodium oxalate, and causing the sodium oxalate to react with calcium hydroxide to form calcium oxalate and sodium hydroxide.

1,622,992. BLASTING CARTRIDGE. ALVA W. CALLIS and FRANK E. SMOOTS, Zincville, Okla. Filed Aug. 12, 1926. Serial No. 128,836. 3 Claims. (Cl. 102—6.)



1. Means for connecting a fuse with a cartridge, comprising a cap adapted to repose upon the upper end of the cartridge and provided with a central opening, a sleeve-like member adapted to receive the fuse and passed through said opening in the cap, and extensions formed on the lower end of the sleeve and arranged against the under side of the cap for holding the cap and sleeve associated.

1,622,993. SUCTION DEVICE FOR WATER-CLOSETS. JAMES D. CAMERON, Tulare, Calif. Filed June 21, 1926. Serial No. 117,428. 1 Claim. (Cl. 4—213.)



In a suction device for water closets, a pipe for arrangement upon the bottom of the closet seat and having inlet openings communicating with the interior of the closet bowl when lowered and having a lateral extension the under side of which is provided with an opening, a standard for arrangement alongside of the water closet independent thereof, a motor mounted on the upper end of the standard, a suction fan mounted to the inner side of the motor and oppositely connected to the shaft thereof, an inlet pipe extending horizontally from the suction fan and bent upwardly in a vertical extension, and a nozzle on the end of the vertical extension for engagement by the opening of the pipe extension.

1,622,994. STEAMBOAT CONSTRUCTION. HERBERT CULP, Chicago, Ill. Filed Oct. 12, 1926. Serial No. 141,199. 3 Claims. (Cl. 214—15.)

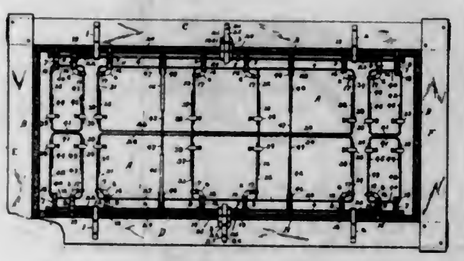
1. A boat provided with a deck, hatches in said deck, coamings and covers on said hatches, tracks located over

said hatches whereby cars may be run over said hatches and the contents thereof unloaded into said boat, tracks



located between said hatches, said first mentioned tracks being movably mounted on said latter tracks for the purpose set forth.

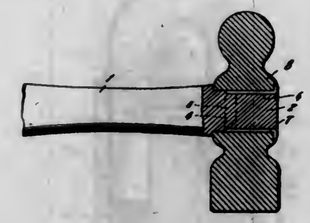
1,622,995. GRAVE COVER. JAMES M. DODDRIDGE, Milton, Ind. Filed July 31, 1926. Serial No. 126,148. 5 Claims. (Cl. 27—30.)



1. A grave cover consisting of two sets of wings, the two sets of wings being adapted to be located on opposite sides of a grave with relation to each other, a shaft for each set of wings and to which the respective wings are connected, each set of wings comprising a main wing and an end wing located on each side of the main wing, each of the end wings being composed of two members which are identical with each other, and each main wing being composed of four members which are identical with each other, springs for normally holding said wings in horizontal position but permitting them to be turned downward to vertical position, stops for preventing the wings from moving upward beyond horizontal position, blankets adapted to cover said wings, and means for detachably securing said blankets to the wings whereby they will not slide when the wings are being turned to vertical position.

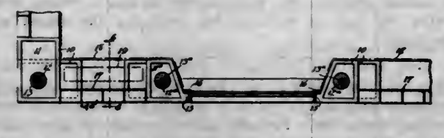
1,622,996. SAFETY HANDLE DEVICE. WILLIAM EVANS, Youngstown, Ohio. Filed Aug. 27, 1926. Serial No. 131,976. 1 Claim. (Cl. 306—37.)

A means for holding a handle on a hammer head in which the eye end of the handle has one of its sides provided with a groove that communicates with longitudinal grooves that enter from the outer end of the said eye end of the handle, and comprising a flat yoke whose central portion is designed to be received in the first mentioned groove, the ends of the said central portion being bent



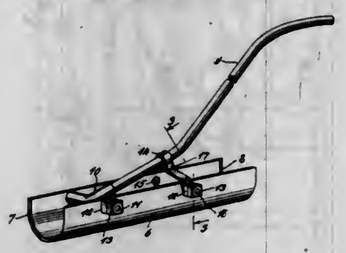
angularly and extended to provide parallel arms which are received in the longitudinal grooves of the handle and project therebeyond and the ends of the arms designed to be bent against the outer face of the hammer head when the end of the handle is inserted through the eye of the said head.

1,622,997. BUILDING CONSTRUCTION. ERNEST FLAGG, New York, N. Y. Filed June 17, 1926. Serial No. 116,673. 6 Claims. (Cl. 72—30.)



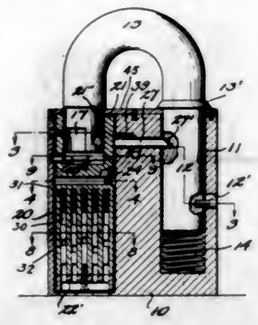
1. A building construction including a series of spaced piers each formed of superimposed molded blocks, the blocks having aligned openings therein for receiving concrete poured in from the top after the blocks have been piled, and curtain walls connecting the piers and flush with the outer faces thereof.

1,622,998. LAWN EDGER. ASHFORD L. FOSTER, Denver, Colo. Filed July 28, 1926. Serial No. 125,362. 1 Claim. (Cl. 97—227.)



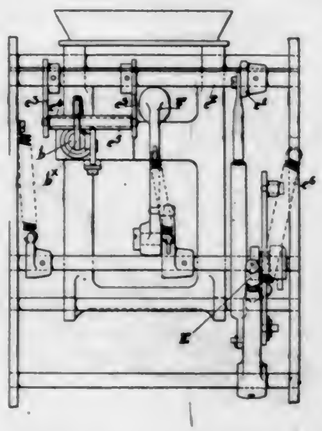
A device of the class described comprising an elongated cutting member formed from sheet metal and having a U-shaped transverse section, a handle having a T secured to one end thereof, a bolt extending through the sides of said cutting member and through the T, a strap having its ends secured to the sides of said cutting member and having its central portion enclosing a part of said handle and a bolt connecting opposite sides of said strap so as to form a loop through which the handle extends whereby the strap may be securely clamped to the handle.

1,622,999. LOCK. ARNOLD J. FRITH, Selma, Ala. Filed Sept. 22, 1926. Serial No. 137,097. 4 Claims. (Cl. 70—108.)



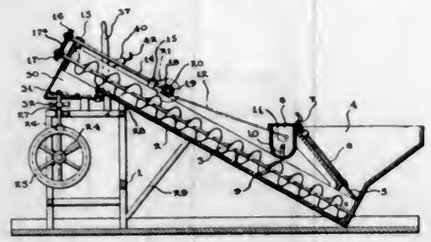
1. In a lock, a casing, a spring operated yoke mounted in the casing and including a shank, an upper barrel and a lower barrel in alinement therewith, means for moving the upper barrel by the rotation of the lower barrel, spring controlled and key controlled pins mounted in the lower barrel, a bolt for engaging the shank, retaining the yoke in locked position, the upper barrel having a recess into which the bolt is movable for releasing the shank of the yoke.

1,623,000. WORKMAN'S TIME RECORDER. ARTHUR HENRY GLEDHILL, Halifax, England. Filed Nov. 17, 1926, Serial No. 148,900, and in Great Britain Nov. 14, 1925. 4 Claims. (Cl. 234—43.)



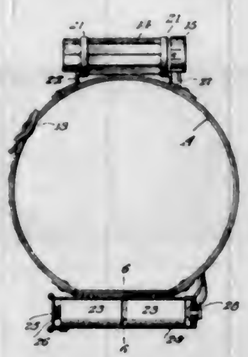
1. In a time recorder of the character described, operating mechanism for operating on an inserted card including a member movable toward and away from the card, and arresting means normally preventing the functioning of said mechanism and including a feeler movable with and relatively to said member and adapted to contact with and be stopped by said card when the card is in proper position and thereby render the arresting means ineffective when said member is moved toward the card.

1,623,001. MACHINE FOR TREATING GRAIN WITH COPPER CARBONATE. JOSEPH GOLLBACH, East Nicolaus, Calif. Filed July 19, 1926. Serial No. 123,478. 5 Claims. (Cl. 83—28.)



1. In a grain treating machine, the combination with a seeder, a hopper for the grain, a hopper for copper carbonate, a tube including a passage for the grain and the copper carbonate, and means in the passage for mixing and carrying the grain to the seeder, means for controlling the passage of the grain from the grain hopper to the passage, means for permitting periodical feeding of copper carbonate into said passage, and means for controlling the flow of the treated grain from the passage to the seeder.

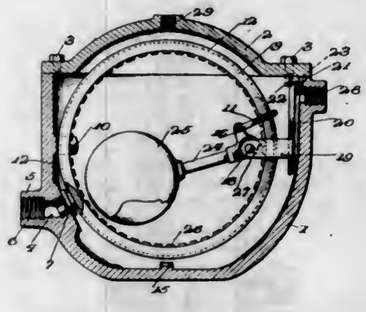
1,623,002. LAMP-SUPPORTING COLLAR. JOHN N. GOSSETT, Sheridan, Mont. Filed July 17, 1926. Serial No. 123,114. 2 Claims. (Cl. 240—59.)



1. A collar adapted to be placed around the neck of an animal, and including inner and outer pieces stitched along their marginal edges, a battery casing attached to the collar, brackets secured to the collar and projecting outwardly therefrom, spaced annuli carried by the brackets and arranged at a right angle to the collar, an electric lamp received and supported by said annuli and arranged diametrically opposite the battery casing, a battery arranged in said casing, and electric wires leading from the battery to the lamp and wholly arranged between the inner and outer pieces of the collar.

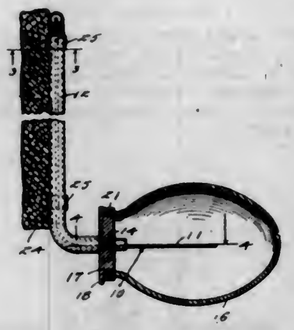
1,623,003. STEAM TRAP. ALBERT L. GRANDSTAFF, Akron, Ohio. Filed June 25, 1925. Serial No. 30,616. 10 Claims. (Cl. 137—103.)

1. In a device of the character described, a casing having an outlet opening, a valve seat member extending inwardly within the casing from said outlet opening, a ring valve within the casing and having a peripheral surface adapted to cooperate with said valve seat member to



close said outlet, and means responsive to the rise and fall of liquid within the casing for shifting said ring valve edgewise against and away from said valve seat.

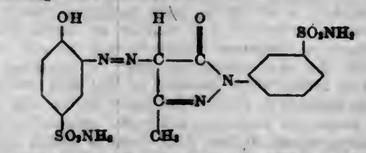
1,623,004. WINDOW CLEANER. RAUL GREENBERG, Brooklyn, N. Y. Filed June 12, 1926. Serial No. 115,530. 5 Claims. (Cl. 15—136.)



1. An implement of the class described comprising a substantially L-shaped frame, a compressible reservoir into which one end of the frame extends, a flexible tube threaded on said frame and in communication with the interior of the reservoir, and applicator means associated with said tube.

1,623,005. AZO DYESTUFFS CONTAINING CHROMIUM AND PROCESS OF MAKING SAME. HANS GUBLER, HERMANN STAHEL, and FRITZ STRAUB, Basel, Switzerland, assignors to The Firm Society of Chemical Industry in Basle, Basel, Switzerland. Filed June 21, 1926, Serial No. 117,615, and in Switzerland July 3, 1925. 17 Claims. (Cl. 260—12.)

4. As a step in the process of making acid azo-dyestuffs containing chromium the preparation of the dyestuff corresponding with the formula



by coupling the diazotized 2-amino-1-hydroxybenzene-4-sulphamide with the 1-(3'-sulphamido)-phenyl-3-methyl-5-pyrazolone.

1,623,006. FLY CATCHER. EDWARD HAMBORG, Linden, and VICTOR T. LORDELL, Elizabeth, N. J. Filed Oct. 9, 1926. Serial No. 140,603. 4 Claims. (Cl. 43—136.)



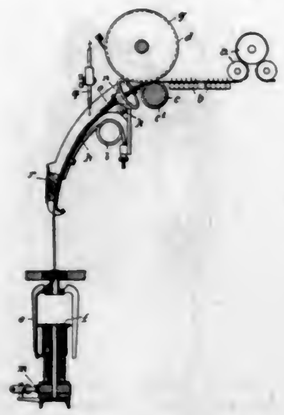
1. A fly catcher comprising a staff having a handle on one end thereof, normally expanding clamping jaws on the other end of said staff, a conical shaped disk having a sticky substance on the front face thereof, flanges extending from the rear of said disk and seated between said jaws, and means for holding said jaws compressed against said flanges.

1,623,007. SHOE. FRIEDRICH HERRMANN, Lincoln, Nebr. Filed Nov. 6, 1926. Serial No. 146,708. 4 Claims. (Cl. 36—1.)



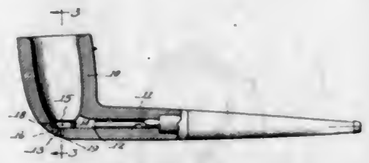
1. The method of removing bulges caused by the stretching of the vamps of shoes consisting in providing a strip of unstretchable tape of slightly less length than that portion of the vamp forming the bulge, securing the ends of the strip to the shoe at the upper edge thereof so that the strip extends chordally of the bulge and causing the leather of the vamp to smoothly engage and adhere to said tape.

1,623,008. SPINNING MACHINE. ALBERT HIRSCHMÜLLER, Miesbach, Germany. Filed Aug. 12, 1926. Serial No. 128,869, and in Germany Aug. 28, 1925. 8 Claims. (Cl. 117—35.)



1. In a machine for spinning cored rope yarn, the combination with a delivery shaft and with two pressing rollers which cooperate with said shaft for supplying ribbon-shaped core and covering materials to a flyer spindle, of an arched plate arranged so as to support and guide the materials while they are being united, the pressing roller for the covering material being formed with transversely extending recesses enabling the materials to slip under the pull of the core.

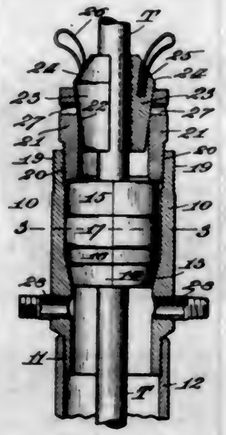
1,623,009. TOBACCO PIPE. FRANK HOFFMAN, Montreal, Quebec, Canada. Filed June 21, 1926. Serial No. 117,515. 4 Claims. (Cl. 131—12.)



4. A tobacco pipe including a bowl having a circular recess in its lower end, an annular absorbent element snugly fitted in the recess and closed at its upper end, and registering apertures in the pipe bowl and the absorbent element for maintaining an air circulation in the interior of said absorbent element whereby to dry up the mixture absorbed by the absorbent element and to cool the bottom of the bowl.

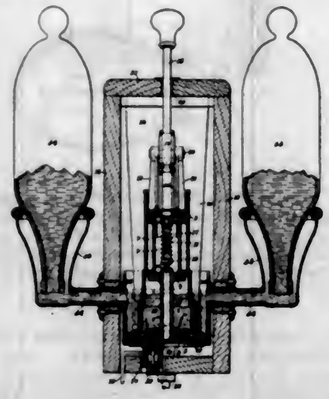
1,623,010. OIL-WELL CASING HEAD. CHESTER C. HOSMER, Huntington Beach, Calif. Filed Dec. 13, 1923, Serial No. 680,376. 5 Claims. (Cl. 166—14.)

5. An oil well casing head comprising a tubular body, the chamber within which is adapted to receive and support a packing element, the upper portion of said tubular body being internally threaded and a spider having its



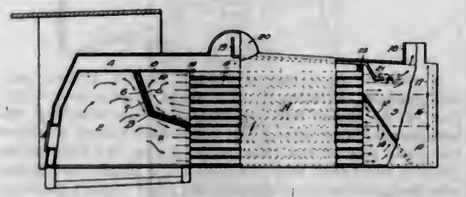
lower portion screw seated in the internally threaded upper portion of the tubular body and adapted to engage the upper end of the packing element positioned therein.

1,623,011. APPARATUS FOR AERATING LIQUIDS. WILLIAM HUCKS, Camden Town, London, England, assignor of one-half to Sodastream Limited, Camden Town, England. Filed July 14, 1926, Serial No. 122,440, and in Great Britain Feb. 17, 1926. 5 Claims. (Cl. 225—21.)



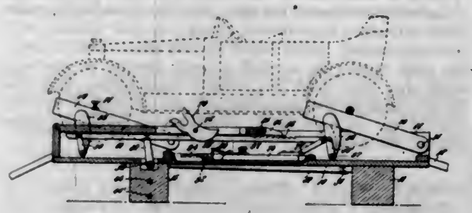
1. Apparatus for use in aerating liquids, the said apparatus consisting in, or comprising, an aerating receptacle closed at the bottom and having an inlet opening, or openings, at a suitable height from the said bottom, through which liquid to be aerated is admitted to the said receptacle, a piston-like body reciprocal within the said aerating receptacle and having an axial passage therethrough, a discharge vessel secured to and reciprocal with the said piston-like body, a combined discharge and safety valve situated in the said discharge vessel and adapted to control the outlet of the said axial passage, means for admitting gas under pressure into the said aerating receptacle, and hand-operable means adapted to cause, at the proper times, the said piston-like body to ascend through the liquid in the said aerating receptacle and close the upper end thereof, and the said combined discharge and safety valve to close the outlet of the axial passage through the said piston-like body, and after aeration of the liquid confined in the said aerating receptacle has been effected, to cause the said combined discharge and safety valve to open the outlet of the said axial passage, and cause, or permit, the said piston-like body to descend and expel the aerated liquid through the said axial passage into the said discharge vessel from which it passes through an outlet spout into a receptacle placed in position to receive it; substantially as hereinbefore described.

1,623,012. LOCOMOTIVE-BOILER CONSTRUCTION. HARRY S. JARNAGIN, Richmond Heights, Mo., assignor of one-half to Robert W. Bidwell, Richmond Heights, Mo. Filed Nov. 26, 1924. Serial No. 752,442. 2 Claims. (Cl. 122—74.)



1. In a locomotive boiler construction, a fire box bounded by a water chamber, boiler tubes in advance thereof and a front compartment for the boiler, a pair of angular spaced baffle plates fixed at their forward ends to the rear tube sheet and at their upper ends to the crown sheet of the fire box to provide a heat and smoke turning compartment in the upper front corner of the fire box to the rear of a predetermined number of upper boiler tubes and to provide a water passage between the plates and an inclined baffle plate in the front compartment fixed at its upper end to the front boiler sheet and at its lower end to the wall of the boiler.

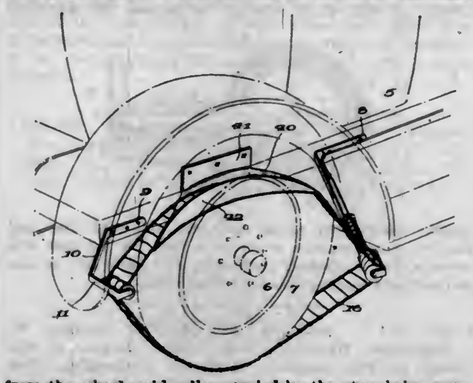
1,623,013. AUTOMOBILE LIFTING JACK. EMIL KAROW, Sarles, N. Dak., assignor of one-half to Ed. Garwick, Sarles, N. Dak. Filed June 7, 1926. Serial No. 114,305. 8 Claims. (Cl. 254—89.)



1. In a device of the class described, a plurality of pivotally mounted axle-lifting levers, cams engaging the levers, rock shafts mounting and operating the cams, a longitudinally movable device operatively connected with the rock shafts, and wheel engaging devices operatively connected with the longitudinally movable device and automatically thrown to operative position upon the elevation of the levers by the cams.

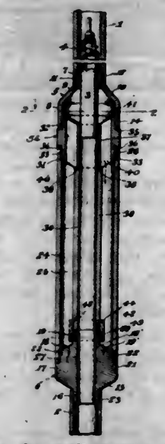
1,623,014. TRACTION CHAIN. STEPHEN S. KEMPF, Chicago, Ill. Filed Aug. 28, 1926. Serial No. 132,122. 7 Claims. (Cl. 305—3.)

4. The combination with a vehicle traction wheel; of an endless traction chain engaged therewith, rollers having connection with the chain, a stem rotatably and movably supporting one of the rollers, and means connected to the stem for controlling the movement of the roller connected to the stem from a remote point, and a guard having a flange constantly spacing a portion of the chain



from the wheel, said roller carried by the stem being movable laterally with respect to the plane of the wheel with which the chain is engaged.

1,623,015. SAND TRAP. JOSEPH A. LAWRENCE, Olden, Tex. Filed Nov. 27, 1926. Serial No. 151,145. 3 Claims. (Cl 103—220.)

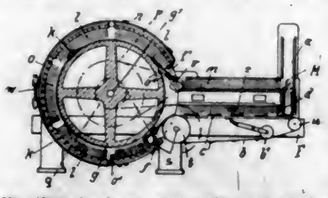


3. A sand trap for well pumps comprising a lower nipple, an upper nipple provided at its top wtih an inwardly extending flange, said nipple adapted to be connected to tubing sections, and have a pump piston extend therethrough, a shell connected at its lower end to said lower nipple, an annular member secured to the lower end of said upper nipple and to the upper end of said shell and having its body formed with a series of vertical openings, a pipe having its upper end extending into and supporting said member and further connected with said flange and through which extends the pump piston, said member, pipe, flange and shell forming a sand receiving compartment, the openings in said member providing inlets for said compartment, said member having a concave top.

1,623,016. DEVICE FOR CLEANING MATRICES OF TYPE-SETTING AND CASTING MACHINES. CARL CHRISTEL, Taucha, near Leipzig, Germany. Filed Aug. 24, 1925, Serial No. 52,123, and in Germany Sept. 6, 1924. 4 Claims. (Cl. 15—77.)

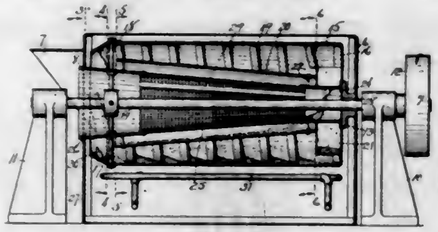
1. A device for cleaning matrices of type-setting machines comprising a frame, a channel on said frame for

guiding said matrices, a belt of steel at the base of said channel, a shaft carried in said frame and operatively connected with said belt, means for rotating said shaft, a disc on said shaft adatped to receive the matrices,



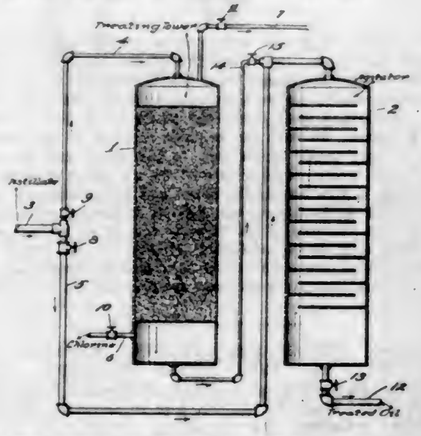
brushes distributed along said belt and said disc and adapted to act on said matrices as they are fed past said brushes, and a channel connected with said disc at one end and said feeding channel at the other.

1,623,017. DRYING APPARATUS. GEORGE W. CHRISTOPH, Warehouse Point, Conn., assignor of one-half to The American Hardware Corporation, New Britain, Conn., a Corporation of Connecticut, and one-half to The Sterling Blower Company, Hartford, Conn., a Corporation of Connecticut. Filed Dec. 14, 1925. Serial No. 75,220. 10 Claims. (Cl. 34—5.)



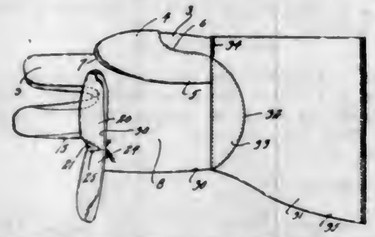
1 A drying apparatus including a plurality of concentrically arranged drums located one within another, one of said drums being adapted to receive articles to be dried and drying material, another of said drums being perforated to screen said material and deliver it to another of said drums, and the latter drum operating to return said material to the first mentioned drum, and means for rotating said drums.

1,623,018. METHOD OF TREATING PETROLEUM. ROY CROSS, Kansas City, Mo. Filed Apr. 26, 1924. Serial No. 709,269. 5 Claims. (Cl. 196—29.)



1. The method of treating petroleum products which comprises creating major and minor flow streams of oil adding to a minor flow of oil, molecular chlorine submitting such minor flow to the action of light and combining the minor flow of the products with a major flow.

1,623,019. GLOVE. CHARLES L. MCBRIDE, Jr., Toledo, Ohio, assignor to The C. L. McBride Mfg. Company, Toledo, Ohio, a Corporation of Ohio. Filed May 5, 1924. Serial No. 711,050. 1 Claim. (Cl. 2—161.)

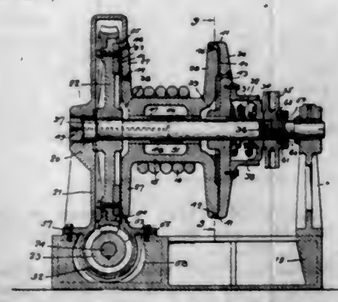


A gauntlet glove having a palm, fingers, thumb, back, and gauntlet, a facing for the palm, fingers, and a portion of the thumb and gauntlet, a facing boundary contour seaming approximately a continuous curved line from the outer side of the little finger across the back of the glove to wristward near the side of the thumb, and thence over the gauntlet to the side of the hand toward the wrist from the point of starting with a straight line therefrom to the point of starting.

1,623,020. MACHINE FOR CUTTING GROOVES IN FLAT PANELS. CHARLES B. NORRIS, Grand Rapids, Mich., assignor to Haskelite Manufacturing Corporation, a Corporation of New York. Filed May 2, 1924. Serial No. 710,688. 7 Claims. (Cl. 144—136.)

1. In a machine of the character described, a table comprising stationary parallel rails, an elevated rotatable shaft extending transversely across the rails parallel with the tops thereof, cutter heads on said shaft directly above the rails, means for moving a panel resting on the rails along the same past the cutters, and means near the cutter engaging the panel on each side of and in advance and in rear of each cutter yieldingly to press the panel against the rails.

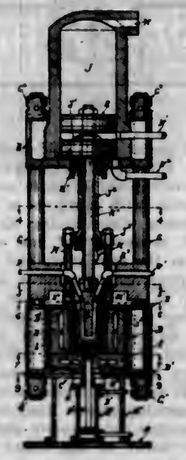
1,623,021. WINCH. JOHN C. SMALTZ, Short Hills, N. J. Filed Aug. 3, 1925. Serial No. 47,848. 3 Claims. (Cl. 254—187.)



1. In a slip drum winch, a winding drum having a friction head, a cooperating friction member against

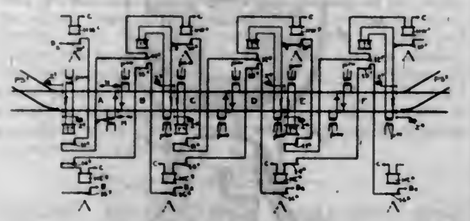
which said head abuts, the adjacent faces of said parts being shaped to afford a chamber for lubricant, at least one of said faces being channelled to lead lubricant from said chamber to a point adjacent the periphery of the area of frictional engagement, together with means at the periphery of said area for preventing direct escape of the lubricant.

1,623,022. MOLDING-PRESS APPARATUS. HAROLD M. STURGEON, Erie, Pa., assignor of one-half to Louis W. Hottel, Erie, Pa. Filed Feb. 18, 1926. Serial No. 89,100. 7 Claims. (Cl. 18—19.)



1. In a molding press for containers, a mold case, mold-box plates in said case, means to impart vertical movement to said mold-box plates with relation to said mold case, fluid actuated mechanism to press down upon the upper edges of said mold-box plates, a core-mold, and fluid actuated mechanism adapted to force said core-mold into said mold-box and withdraw it therefrom in opposition to the first mentioned fluid actuated mechanism.

1,623,023. ABSOLUTE-PERMISSIVE-BLOCK TRAIN-CONTROL SYSTEM. WALTER W. WENHOLZ, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Filed Mar. 14, 1925. Serial No. 15,504. 12 Claims. (Cl. 246—33.)



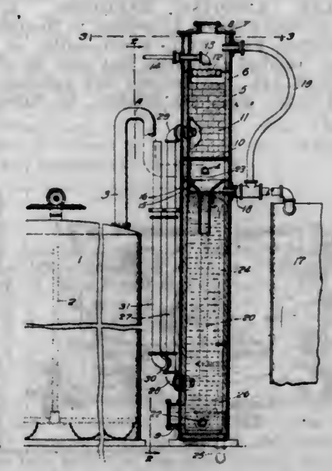
3. In combination, a stretch of railway track divided into control zones, a polar relay at the entrance end to each zone for both directions of travel which assumes a position in accordance with traffic conditions by manifesting dangerous traffic conditions when there is a train in that zone or the next zone in advance traveling in the direction governed by that relay, or there is a train any distance in advance in such stretch traveling in the opposite direction, a line wire for each of said relays extending along the zone for governing such relays in accordance with traffic conditions ahead, means including said line wire for applying alternating current to the exit end of the first section of such zone when there is a train moving in that direction in said stretch of track but is not yet occupying the second section of the zone in question.

1,623,024. HOSIERY. ABRAHAM J. BEUCUS, Waupun, Wis., assignor to Paramount Textile Machinery Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 11, 1926. Serial No. 93,950. 5 Claims. (Cl. 66—172.)



1. A knitted web having a portion of plain knitting including a series of rounds, each round having a predetermined length of yarn knit thereinto, and which determines the diametral extensibility of that round; and a round having a less number of stitches than in the contiguous rounds but with substantially the same length of yarn knit thereinto as in those other rounds, the yarn of that round being floated between stitches, whereby that round is of substantially the same diametral extensibility as the other rounds.

1,623,025. PROCESS OF CONVERTING HIGHER-BOILING PETROLEUM HYDROCARBONS INTO LOWER-BOILING PETROLEUM HYDROCARBONS. CHARLES B. BUERGER, Pittsburgh, Pa., assignor to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed July 22, 1925. Serial No. 45,330. 6 Claims. (Cl. 196—54.)



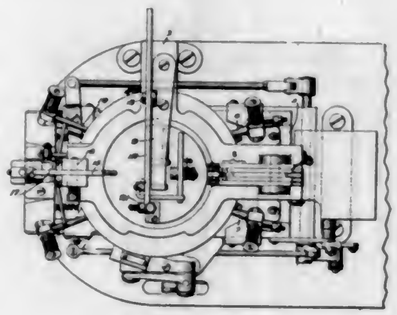
1. In the process of distilling higher boiling hydrocarbons with aluminum chlorid to produce lower boiling hydrocarbons, the step which consists in condensing the produced oily vapors by means of water contacted with them and removing any chlorids, hydrochloric acid and other foreign matters from the vapors by means of such water.

1,623,026. RHEOSTAT. EUSEBIO F. CABEZOLA, deceased; by Margaret J. Cabezola, administratrix, Bayonne, N. J.; Catherine C. Hicks, Felipa J. Wagner, née Cabezola, and Margaret C. Mettler, née Cabezola, executrices of the estate of said Margaret J. Cabezola, deceased. Filed Mar. 29, 1922. Serial No. 547,928. 9 Claims. (Cl. 74—14.)



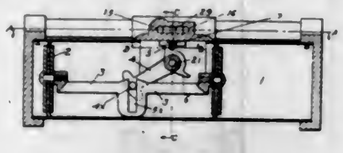
1. A frame having a number of actuating elements mounted thereon, an actuated shaft passing through an opening in the frame and serving as a guide thereto, a notched wheel on said shaft and located between said element in co-operative arrangement and means for moving said frame in vertical alignment to cause said actuating elements to alternately engage the notches in said wheel.

1,623,027. CONTROLLING MECHANISM FOR PRIMARY AND SECONDARY YARNS OF SPLIT WORK, CIRCULAR, KNITTING MACHINES. AUGUSTIN GAGNÉ, Central Falls, R. I., assignor to Hemphill Company, Central Falls, R. I., a Corporation of Massachusetts. Original application filed June 28, 1921, Serial No. 481,144. Divided and this application filed July 11, 1923. Serial No. 650,868. 12 Claims. (Cl. 66—43.)



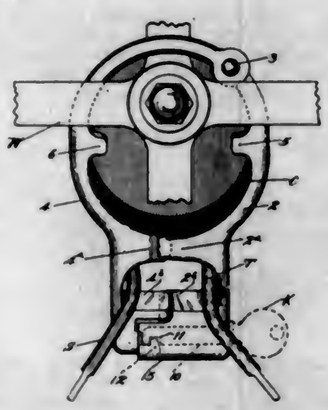
1. In a split work, circular, knitting machine having means to supply at opposed points a main yarn and an auxiliary yarn and having means relatively to rotate the needle cylinder and cam carrier in the knitting of the upper portion of the leg and relatively to reciprocate the same for the production of split work and to interknit the main and auxiliary yarns in suture seams at opposed points, the combination of yarn cutting and holding means for the main yarn, and yarn cutting and holding means for the auxiliary yarn only.

1,623,028. AUTOMATIC WINDSHIELD CLEANER. LOUIS A. BARETT and CHESTER HUNT, Lynn, Mass.; said Hunt assignor to said Barett. Filed Aug. 9, 1924. Serial No. 731,208. 3 Claims. (Cl. 121—164.)



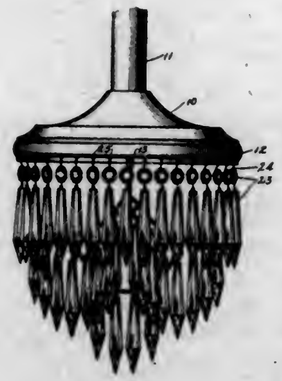
1. An operating motor for windshield cleaners comprising a cylinder, a member reciprocable therein, valve means to alternatively place opposite ends of the cylinder in communication with a source of suction and including a port-closing slide having an operating pin, a shaft journaled cross-wise of the said cylinder, a rocker arm fixed on the said shaft and operatively connected with the reciprocable member so as to impart oscillating motion to the shaft when the member is reciprocated, a lever pivoted to the cylinder on the inside thereof and adjacent the fixed end of the said rocker arm, one end of said lever being forked to provide spaced fingers adapted to alternately engage the operating pin of the said port-closing slide for reciprocating the latter, tensioning means fixed to the said cylinder and bearing against the opposite end of the lever to accelerate the movement of the latter when the said opposite end is off center, and extension fingers carried by the said rocker arm and adapted to alternately engage and shift the said lever until the said opposite end is in position to be acted upon by the said tensioning means.

1,623,029. FORD WHEEL AND THROTTLE LOCK. ROBERT V. BEHNING, Los Angeles, Calif., assignor of one-half to Martin Kroeger, Los Angeles, Calif. Filed Jan. 11, 1926. Serial No. 80,579. 3 Claims. (Cl. 70—126.)



1. A vehicle theft-preventing lock comprising a shackle frame having hinged side frames each with an inwardly projecting lug adapted to rest on the top of the usual gear case, and a lower mouth part for the spark and throttle levers.

1,623,030. ORNAMENTAL ATTACHMENT FOR LIGHTING FIXTURES OR THE LIKE. AARON BLOCH, Brooklyn, N. Y. Filed Apr. 8, 1926, Serial No. 99,604. Renewed Feb. 16, 1927. 4 Claims. (Cl. 41—10.)



1. An ornamental device comprising a frame member, a chain suspended from said member at the ends thereof and consisting of a plurality of links, and a plurality of pendants hanging from said chain at the individual links.

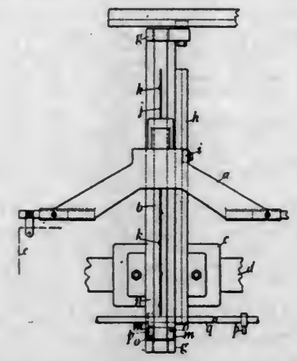
1,623,031. CORSET. BLANCHE CERVELLI, San Francisco, Calif. Filed Aug. 27, 1923. Serial No. 659,637. 8 Claims. (Cl. 2—43.)



1. A corset comprising a body portion made up of soft light weight and flexible although substantially non-elastic fabric, the upper edge of the corset being located at the waistline just above the hips throughout its extent around the body, said body having an elastic inset at the rear and having means associated with the body portion for uniting the edges thereof at the front, the corset being long at its back and having the lower portion of its back extending below, entirely across and around the seat and conforming to the outlines thereof, the lower portion of the corset at the front being cut away on lines which incline ontwardly and downwardly from the center of the corset to the sides thereof to provide a short front and to allow the wearer freedom of movement and comfort.

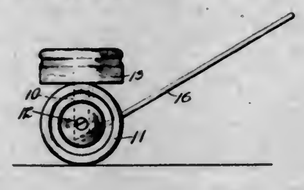
1,623,032. SHEET-FEEDING MECHANISM. HARRY ALBERT GRIFFITHS, Edgbaston, England. Filed May 3, 1926, Serial No. 106,515, and in Great Britain May 12, 1925. 2 Claims. (Cl. 113—113.)

1. In cutting, drawing, and like presses for operating on metal or other sheets or strips, means for controlling the step-by-step motion whereby the sheet or strip is moved towards the tools, comprising the combination of a work-holder, a stop on said holder, a guide on which the holder can slide, an oscillatory member in conjunction with the guide, abutments on said member engageable by the stop on the work-holder, a transverse oscillatory shaft, a pair of tappet levers on said shaft,



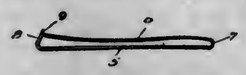
and means for transmitting opposite oscillatory motions from said tappet levers to the oscillatory member on the guide, substantially as described.

1,623,033. WHEELED TOY. STEFAN KIPER, Anderson, Ind. Filed Oct. 28, 1925. Serial No. 65,448. 1 Claim. (Cl. 46—48.)



A wheeled toy comprising an axle having relatively broad flat end surfaces and spaced laterally extending bosses provided with relatively broad flat end surfaces, a wheel mounted at each flat end of said axle and having its radius substantially co-extensive with the laterally extending bosses, and a relatively thick disk mounted on each of said bosses and extending over and engaging the circumference of the adjacent wheel whereby the same will be rotated by said wheel upon the propulsion of the toy, substantially as set forth.

1,623,034. HAIR SNAP. KENNETH L. HEATH and LOUIS SCHOEL, Edmonds, Wash.; said Schoel assignor to said Heath. Filed June 4, 1925. Serial No. 34,836. 1 Claim. (Cl. 132—48.)



A device of the class described including an elongated arcuate bar, an elongated ogee shaped bar, one end of the first bar merging with one end of the second bar so that the bars extend in the same general direction with their free ends normally sprung from each other and with the convex side of the first bar adjacent the second bar, the free end of the first bar being provided with an extension leaning over upon itself and having a bevel terminal which is in the path of movement of the terminal of the second bar whereby the terminal of the second bar may snap past the terminal of the extension for closing the device.

Mar. 1, 1927

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

A. & F. Pears Limited, London, England. Perfumed soap. 59,910–11; renewed Jan. 22, 1927.

A. & F. Pears Limited, London, England. Perfumed soap. 60,057; renewed Jan. 29, 1927.

Abbott Laboratories, North Chicago, Ill. Ammonium o-iodoxy benzoate. 224,691; Mar. 1; Serial No. 239,500; published Dec. 14, 1926.

Abel & Bach Company, Milwaukee, Wis. Trunks. 224,601; Mar. 1; Serial No. 239,281; published Dec. 14, 1926.

Abseck, Louis, doing business as The Sealastic Co., Brooklyn, N. Y. Brushes and bristle dusters. 224,605; Mar. 1; Serial No. 239,222; published Dec. 14, 1926.

Acme Baby Chick Hatchery, Peoria, Ill. Baby chicks. 224,562–3; Mar. 1; Serial Nos. 210,772–3; published Dec. 14, 1926.

Adam, J. N., & Co., Buffalo, N. Y. Paints, varnishes, paint enamels, and oils. 224,491; Mar. 1; Serial No. 237,643; published Nov. 23, 1926.

Additon, Forrest, doing business as Chattahoochee Furniture Company, Flowery Branch, Ga. Wardrobes. 224,690; Mar. 1; Serial No. 239,501; published Dec. 7, 1926.

Adelphi Trading Co., Philadelphia, Pa. Antislipping preparation applied to the grip portion of golf clubs, etc. 224,517; Mar. 1; Serial No. 238,148; published Nov. 30, 1926.

Aird-Don Co., Troy, N. Y. Heating boilers. 224,668; Mar. 1; Serial No. 235,012; published Nov. 30, 1926.

Aktien-Gesellschaft Vereinigte Berner & Zurcher Chocolade-Fabriken Lindt & Sprungli, Bern, Switzerland, assignor to Lindt & Sprungli, Inc., New York, N. Y. Certain named chocolate and cocoa preparations. 51,382; renewed Apr. 17, 1926.

Alabama-Georgia Syrup Company, Montgomery, Ala. Sirups. 63,089; renewed June 4, 1927.

Allen, Joseph, & Sons Limited, Sheffield, England. Cutlery in general and other hand tools having a cutting edge. 63,407; renewed June 18, 1927.

Alps Specialty Company, Chicago, Ill. Candies, peanut clusters, chocolate raisin clusters, etc. 224,674; Mar. 1; Serial No. 234,428; published Dec. 7, 1926.

Amalgamated Silk Corporation, Wilmington, Del., and New York, N. Y. Plaid and satin crepe piece goods. 224,559; Mar. 1; Serial No. 239,732; published Dec. 14, 1926.

American Chain Company. (See Standard Chain Company, assignor.)

American Dry Ginger Ale Company, The, Dayton, Ohio. Beverages and sirups and extracts for making the same. 224,646; Mar. 1; Serial No. 238,540; published Dec. 7, 1926.

American Ladder Co., Chicago, Ill. Ladders, stepladders, scaffoldings, and stages. 224,474; Mar. 1; Serial No. 231,967; published Nov. 23, 1926.

American Milling Company, Peoria, Ill. Dairy feed. 224,732; Mar. 1; Serial No. 218,152; published Nov. 23, 1926.

American Sales Book Company, Limited. (See Carter-Crume Co., Limited, The, assignor.)

Ames Shovel and Tool Company, Boston, Mass. Shovels, spades, and scoops. 224,770; Mar. 1.

Amolin Chemical Company, assignor, by mesne assignments, to The Amolin Company, New York, N. Y. Toilet powder. 59,178; renewed Jan. 1, 1927.

Amplex Instrument Laboratories. (See Landres, Arnold G.)

Amster, Sarah, New York, N. Y. Medicated gum. 224,678; Mar. 1; Serial No. 234,184; published Oct. 12, 1926.

Anderson, George W., doing business as Billy's Grape Nectar Company, Enid, Okla. Jellies. 224,681; Mar. 1; Serial No. 233,806; published Dec. 14, 1926.

Andrei, Fratelli, Lastra a Signa, Florence, Italy. Hats, hat linings, frames, and sweatbands. 224,480; Mar. 1; Serial No. 227,214; published Oct. 12, 1926.

Anglo-American Pharmaceutical Corp., New York, N. Y. Medicinal nonspecific protein in the form of glyceroles, tablets, granules, or injections. 224,609; Mar. 1; Serial No. 239,160; published Dec. 7, 1926.

Anita Orchards. (See Cleese, John P.)

Anschell, Sidney C., Inc., Chicago, Ill. Umbrellas. 224,682; Mar. 1; Serial No. 239,632; published Dec. 14, 1926.

Ascher Import Company, The, Cleveland, Ohio. Artificial dental enamel. 224,574; Mar. 1; Serial No. 179,644; published Mar. 31, 1925.

Auto-Grand Piano Co., The, Newcastle, Ind., assignor, by mesne assignments, to The Werner Industries Company, Cincinnati, Ohio. Piano players and combination pianos and piano players. 57,348; renewed Nov. 13, 1926.

Auto-Grand Piano Company, Newcastle, Ind., assignor, by mesne assignments, to The Werner Industries Company, Cincinnati, Ohio. Pianos having playing attachments. 57,957; renewed Dec. 4, 1926.

Avery, Hazelton S. (See Southern Cross Fruit Co., assignor.)

B. V. D. Company, Inc., The, Baltimore, Md. Underwear of woven and textile fabrics. 224,585; Mar. 1; Serial No. 238,946; published Dec. 7, 1926.

Babbitt, Frank B., Detroit, Mich. Pocket cribbage board. 224,497; Mar. 1; Serial No. 237,772; published Dec. 7, 1926.

Bachmann, Oskar K., Los Angeles, Calif. Chemicals—radiator compound. 224,615; Mar. 1; Serial No. 239,079; published Dec. 7, 1926.

Baird & Sawyer, Norfolk, Va. Face powders and talcum powders. 224,720; Mar. 1; Serial No. 238,832; published Dec. 14, 1926.

Baltimore Enamel & Novelty Company, The, Baltimore, Md. Permanent advertising nonelectrical signs made of porcelain fused into steel. 224,667; Mar. 1; Serial No. 235,100; published Nov. 9, 1926.

Bamberger, L., & Company, Newark, N. J. Silverware and jewelry. 224,567; Mar. 1; Serial No. 204,299; published Dec. 7, 1926.

Barclay & Barclay, assignor to Barclay & Co. (Incorporated), New York, N. Y. Medicated preparation for the hair, scalp, and skin. 60,825; renewed Feb. 19, 1927.

Barclay & Barclay, assignor to Barclay & Co. (Incorporated), New York, N. Y. Medicinal and toilet preparations. 61,232; renewed Mar. 12, 1927.

Barclay & Barclay, assignor to Barclay & Co. (Incorporated), New York, N. Y. Soap. 61,286; renewed Mar. 12, 1927.

Basic Sanitary Products Co. Inc., Chicago, Ill. Floor wax, liquid wax, furniture polish, etc. 224,467; Mar. 1; Serial No. 232,750; published Nov. 23, 1926.

Bates, C. J., & Son, Chester, Conn. Manicure sets, nail files, tweezers, scissors, etc. 224,643; Mar. 1; Serial No. 238,697; published Dec. 14, 1926.

Battle Creek Food Company, The, Battle Creek, Mich. Cereal breakfast food. 224,773; Mar. 1.

Baugh Sons Company, Philadelphia, Pa. Bone phosphate. 63,359; renewed June 18, 1927.

Bazley, Ernest S., doing business as The Bazley Market, Chicago, Ill. Butter. 224,600; Mar. 1; Serial No. 239,285; published Dec. 14, 1926.

Beacon Manufacturing Company, New Bedford, Mass. and Providence, R. I. Cotton blankets. 224,556; Mar. 1; Serial No. 239,787; published Dec. 14, 1926.

Beacon Oil Company, Boston, Mass. Gasoline. 224,453; Mar. 1; Serial No. 237,219; published Nov. 30, 1926.

Beatrice Creamery Company. (See Continental Creamery Company, The, assignor.)

Beaumont, S., & Fils, Roubaix, France. Metal hairpins. 59,017; renewed Jan. 1, 1927.

Beaver Soap Company, The, Dayton, Ohio. Pine-tar soap. 224,767; renewed Mar. 1, 1927.

Beaver Wood Fibre Company, Limited, The, Thorold, Ontario, Canada. Newsprint. 224,629; Mar. 1; Serial No. 225,166; published Dec. 7, 1926.

Belth, Rudolph, New York, N. Y. Ladies' hats and hat linings. 224,458; Mar. 1; Serial No. 237,014; published Dec. 7, 1926.

Besten & Langen, Louisville, Ky. Corsets. 60,007; renewed Jan. 22, 1927.

Better Radio, Inc., assignor to The Better Tires Company, Chicago, Ill. Radio receiving sets. 224,746; Mar. 1; Serial No. 236,722; published Dec. 14, 1926.

Better Tires Company, The. (See Better Radio, assignor.)

Big Bill Manufacturing Company, Incorporated, Irvine, Ky. Overalls. 224,662; Mar. 1; Serial No. 238,700; published Nov. 30, 1926.

Billy's Grape Nectar Company. (See Anderson, George W.)

Binney & Smith Company, New York, N. Y. Crayons and pencils. 224,527; Mar. 1; Serial No. 238,038; published Dec. 7, 1926.

Binney & Smith Company, New York, N. Y. Crayons and pencils. 224,555; Mar. 1; Serial No. 238,159; published Dec. 7, 1926.

Bissell Carpet Sweeper Co., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweepers. 60,505–8; renewed Feb. 12, 1927.

Bissell Carpet Sweeper Company, assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweepers. 61,146–7; renewed Mar. 5, 1927.

Black & White Milling Company, East St. Louis, Ill. Poultry feeds. 224,731; Mar. 1; Serial No. 219,056; published July 6, 1926.

Blatt, House of A., Inc., The, New York, N. Y. Hair lotions. 224,707; Mar. 1; Serial No. 236,793; published Dec. 7, 1926.

Bleistiftfabrik vormals Johann Faber Actien-Gesellschaft, Nuremberg, Germany. Lead pencils and penholders. 58,701; renewed Dec. 25, 1926.

Blue-Ribbon Knitting Mills, Inc., Waltham, Mass. Knitted outer wear. 224,624; Mar. 1; Serial No. 238,247; published Dec. 7, 1926.

Blue Ridge Company, The, Elkins and Morgantown, W. Va. Food products in dry form with a milk base. 224,450; Mar. 1; Serial No. 237,355; published Dec. 7, 1926.

Bobyns' Footwear Inc., Long Beach, Calif. Shoes and slippers. 224,472–3; Mar. 1; Serial No. 232,262–3; published Dec. 14, 1926.

Bohack, H. C., Co., Inc., Brooklyn and New York, N. Y. Bread. 224,565; Mar. 1; Serial No. 208,450; published Dec. 7, 1926.

Bond, Charles, Company, Philadelphia, Pa. Shaft couplings. 224,776–7; Mar. 1.

Boston Shoe Store. (See Cristol, Louis.)

Brach, E. J., & Sons, Chicago, Ill. Candy. 224,664; Mar. 1; Serial No. 235,195; published Dec. 14, 1926.

Bradley-Wise Paint Company, Los Angeles, Calif. Paints, varnishes, paint enamels, etc. 224,571; Mar. 1; Serial No. 186,867; published Jan. 8, 1924.

Bradley-Wise Paint Company, Los Angeles, Calif. Paints, varnishes, paint enamels, dry pigment, etc. 224,572; Mar. 1; Serial No. 186,866; published Dec. 25, 1923.

Brentano's, Inc., New York, N. Y. Packages of books. 224,661; Mar. 1; Serial No. 238,703; published Nov. 30, 1926.

Bristol Bay Packing Company, San Francisco, Calif. Canned salmon. 224,564; Mar. 1; Serial No. 210,705; published Dec. 7, 1926.

Broderick & Bascom Rope Company, St. Louis, Mo. Cables and ropes. 224,542; Mar. 1; Serial No. 235,728; published Dec. 14, 1926.

Brown Stock Medicine Company. (See Brown, William S.)

Brown, William S., Rogersville, assignor, by mesne assignments, to O. L. Wall, doing business as Brown Stock Medicine Company, Morristown, Tenn. Remedy for diseases of stock and poultry. 57,208; renewed Nov. 6, 1926.

Bryant, Minnie, Cisco, Tex. Silver polish. 224,766; Mar. 1.

Buckwalter Stove Company, Royersford, Pa. Electrical hot plates, cabinet ranges, cookers, and waffle irons. 224,725; Mar. 1; Serial No. 238,481; published Dec. 14, 1926.

Buek & Company, Philadelphia, Pa. Shoes. 224,578; Mar. 1; Serial No. 239,021; published Dec. 14, 1926.

Bubl, Lucille, Inc., New York, N. Y. Toilet creams, lotions, toilet powders, astringents, etc. 224,764; Mar. 1.

Bulluck, Mark C., doing business as Bulluck Bottling Works, Elm City, N. C. Maltless beverage. 224,554; Mar. 1; Serial No. 238,161; published Dec. 7, 1926.

Bur-Bee Candy Co., Walla Walla, Wash. Candy bar. 224,439; Mar. 1; Serial No. 237,939; published Nov. 30, 1926.

Bur-Bee Candy Co., Walla Walla, Wash. Candy bar. 224,721; Mar. 1; Serial No. 238,838; published Dec. 14, 1926.

Burns and Bay, Olathe, Colo. Onions in their natural state. 224,498; Mar. 1; Serial No. 237,778; published Nov. 30, 1926.

Cabot, Henry B., and Helen N., executors of Samuel Cabot, deceased, assignor to Samuel Cabot, Inc., Boston, Mass. Liquid chemical preparation. 63,467; renewed June 25, 1927.

Cahn and Co., Inc., New York, N. Y. Badges, pin sets, cuff links, charms, etc. 224,709; Mar. 1; Serial No. 236,906; published Dec. 14, 1926.

California Spray-Chemical Company, Watsonville, Calif. Insecticidal, germicidal, and fungicidal sprays for trees and plants. 224,608; Mar. 1; Serial No. 239,163; published Dec. 7, 1926.

Canute Co., The, Milwaukee, Wis. Month wash. 224,676; Mar. 1; Serial No. 234,291; published Dec. 7, 1926.

Carreras Limited, London, England. Cigars. 54,507; renewed June 26, 1926.

Carter-Crume Co., Limited, The, Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Canada, Niagara Falls and Elmira, N. Y. Autographic registers. 60,354; renewed Feb. 5, 1927.

Cellas', Inc., doing business as Labrocel Packing Co., Inc, also doing business as Fabrocel Packing Co., New York, N. Y. Canned fillets of anchovies in olive oil. 224,786; Mar. 1.

Central Steel Company, The, Massillon, Ohio. Steels and alloy steels in the form of ingots, blooms, billets, slabs, etc. 224,751; Mar. 1; Serial No. 221,946; published Dec. 14, 1926.

Chattahoochee Furniture Company. (See Addlton, Forrest.)

Chern, Jacob D., Philadelphia, Pa. Boots and shoes. 224,617; Mar. 1; Serial No. 239,795; published Dec. 14, 1926.

Chicago Engineering Works Inc., Chicago, Ill. Educational texts in pocket card form. 224,492; Mar. 1; Serial No. 237,653; published Nov. 23, 1926.

Christie, Jacob M., Woodburn, Oreg. Preparation for the treatment of tuberculosis and heaves. 224,584; Mar. 1; Serial No. 238,952; published Dec. 7, 1926.

Cifuentes, Fernandez y Cn., assignor to Cifuentes, Pego y Compania, Habana, Cuba. Cigars. 60,515; renewed Feb. 12, 1927.

Circletone Incorporated, Los Angeles, Calif. Therapeutic appliance. 224,501; Mar. 1; Serial No. 236,001; published Nov. 30, 1926.

Clapp, Otis, & Son, Inc., Boston, Mass. Gelatinized cod-liver oil. 224,632; Mar. 1; Serial No. 238,611; published Dec. 7, 1926.

Clark & Co., Ltd., Paisley, Scotland, Sewing cotton, crochet, embroidery, and knitting cotton. 59,158; renewed Jan. 1, 1927.

Cleese, John P., doing business as Anita Orchards, Placerville, Calif. Pears, plums, apples. 224,614; Mar. 1; Serial No. 239,092; published Dec. 7, 1926.

Cole, B. L., doing business as Plura-Crine Chemical Co., Webster Groves, Mo. Remedies for the treatment of obesity, high blood pressure, acidosis, etc. 224,591; Mar. 1; Serial No. 238,897; published Dec. 7, 1926.

Columbia Carbon Company, The, Dayton, Ohio. Inked ribbons, sheets, and strips for duplication and transfer of impressions. 224,645; Mar. 1; Serial No. 238,543; published Dec. 14, 1926.

Continental Creamery Company, The, Denver, Colo., and Topeka, Kans., assignor, by mesne assignments, to Beatrice Creamery Company, Chicago, Ill. Butter. 56,818; renewed Oct. 23, 1926.

Continental Creamery Company, The, Denver, Colo., and Topeka, Kans., assignor, by mesne assignments, to Beatrice Creamery Company, Chicago, Ill. Butter 56,820; renewed Oct. 23, 1926.

Cook, H. C., Company, The, Ansonia, Conn. Fingernail clippers. 62,067; renewed Apr. 16, 1927.

Cooke & Cobb Company, The, Brooklyn, N. Y. Vertical-cabinet folders, alphabetical-index inserts, and hand-operated perforators for paper. 224,456; Mar. 1; Serial No. 237,006; published Dec. 7, 1926.

Cooke & Cobb Company, The, Brooklyn, N. Y. Files for correspondence and papers. 224,596; Mar. 1; Serial No. 239,356; published Dec. 7, 1926.

Crane Candy Company, St. Louis, Mo. Confection (candy bar). 224,575; Mar. 1; Serial No. 238,105; published Nov. 30, 1926.

Cresswell's Asbestos Co. Ltd., Bradford, England. Brake lining. 224,621; Mar. 1; Serial No. 238,359; published Dec. 14, 1926.

Cristol, Louis, doing business as Boston Shoe Store, San Antonio, Tex. Ladies' slippers. 224,445; Mar. 1; Serial No. 237,493; published Dec. 7, 1926.

Cudahy Packing Company, The, Chicago, Ill., and South Omaha, Nebr., assignor to The Cudahy Packing Company, Chicago, Ill. Cured, smoked, and canned meats. 59,098; renewed Jan. 1, 1927.

Cudahy Packing Company, The, Chicago, Ill., and South Omaha, Nebr., assignor to The Cudahy Packing Company, Chicago, Ill. Soap powder. 59,183; Renewed Jan. 1, 1927.

Cunningham-Le Baron Co., Minneapolis, Minn. Candies. 224,660; Mar. 1; Serial No. 238,707; published Dec. 14, 1926.

Cuyahoga Picture & Lamp Company, The, Cleveland, Ohio. Lamp shades. 224,551; Mar. 1; Serial No. 235,255; published Nov. 30, 1926.

Dailey, F. F., Co. of Hamilton, Limited, Hamilton, Ontario, Canada, assignor to 2 in 1-Shinola-Bixby Corporation, Jersey City, N. J. Shoe-polish paste. 62,509; renewed May 14, 1927.

Daniels, Theodore, New York, N. Y. Tubes containing artists' water colors and artists' paints and oils. 224,482; Mar. 1; Serial No. 226,947; published Dec. 7, 1926.

Davis, Charles W., Pittsburgh, Pa. Lotions. 61,415; renewed Mar. 19, 1927.

Deglet Noor Date Growers Association, The, Indio, Calif. Fresh and candied dates. 224,628; Mar. 1; Serial No. 225,952; published Dec. 7, 1926.

Diaz, Carlos J., New York, N. Y. Perfume, toilet water, face powder, etc. 224,722; Mar. 1; Serial No. 238,844; published Dec. 14, 1926.

Dick, Frank J., Canton, Ohio. Mechanical toys, combination mechanical toys and games, etc. 224,550; Mar. 1; Serial No. 235,256; published Dec. 7, 1926.

Diversey Manufacturing Company, Chicago, Ill. Disinfectants, germicides, and sterilizers. 224,577; Mar. 1; Serial No. 239,026; published Dec. 7, 1926.

Division Smelting and Refining Company, Chicago, Ill. Babbitt metals and bearing castings. 224,745; Mar. 1; Serial No. 236,639; published Dec. 14, 1926.

Dunn Worsted Mills, Woonsocket, R. I. Woolen and worsted piece goods. 224,449; Mar. 1; Serial No. 237,361; published Dec. 14, 1926.

Du Pont, E. I., de Nemours and Company. (See Eastern Dynamite Company, The, assignor.)

Du Pont Viscoloid Company, Inc., Arlington, N. J., and New York, N. Y. Bandeaux made of composition material for the hair. 224,441; Mar. 1; Serial No. 237,597; published Nov. 30, 1926.

Du Pont Viscoloid Company, Inc., Arlington, N. J. Hairpins and hair ornaments. 224,680; Mar. 1; Serial No. 233,814; published Dec. 14, 1926.

Eagle Chemical Co., Milwaukee, Wis. Liquid disinfectants. 224,700; Mar. 1; Serial No. 239,399; published Dec. 7, 1926.

Eagle Pencil Company, New York, N. Y. Lead pencils. 224,738; Mar. 1; Serial No. 221,001; published Nov. 30, 1926.

Eagle-Picher Lead Company, The. (See Eagle White Lead Co., The.)

Eagle-Picher Lead Company, The. (See Picher Lead Company, assignor.)

Eagle White Lead Co., The, Cincinnati, Ohio, assignor to The Eagle-Picher Lead Company, Chicago, Ill. Pure white lead. 60,062; renewed Jan. 29, 1927.

Eagle White Lead Company, The, Cincinnati, Ohio, assignor to The Eagle-Picher Lead Company, Chicago, Ill. Pure white lead. 60,993; renewed Feb. 26, 1927.

Earl Fruit Company, San Francisco, Calif. Fresh fruits. 224,677; Mar. 1; Serial No. 234,202; published Dec. 14, 1926.

East Coast Manufacturing Company, The, Wethersfield, Conn. Jumpers. 224,623; Mar. 1; Serial No. 238,256; published Dec. 14, 1926.

Eastern Dairies, Inc., Springfield, Mass. Monthly magazine. 224,500; Mar. 1; Serial No. 236,015; published Dec. 7, 1926.

Eastern Dynamite Company, The, Kenvil, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, Wilmington, Del. High explosives. 61,978; renewed Apr. 16, 1927.

Eastern Dynamite Company, Kenvil, N. J., to du Pont. E. I., de Nemours and Company, Wilmington, Del. High explosives and certain blasting supplies. 62,480; renewed May 7, 1927.

Eddystone Manufacturing Company, The, Eddystone and Philadelphia, to The Eddystone Manufacturing Company, Eddystone, Pa. Printed and dyed textile fabrics. 63,671–2; renewed July 2, 1927.

Electric City Mattress Works, Inc., Schenectady, N. Y. Stuffed crib mattresses and stuffed baby cushions. 224,788; Mar. 1.

Elfenbein, Al S., doing business as Sunlight Paint Products, Brooklyn, N. Y. Ready-mixed paints, varnishes, paint enamels, prepared shellacs, and stains. 224,553; Mar. 1; Serial No. 238,169; published Dec. 7, 1926.

Eline's Incorporated, Milwaukee, Wis. Candy. 224,650; Mar. 1; Serial No. 238,497; published Dec. 7, 1926.

Ely & Walker Dry Goods Company, St. Louis, Mo. Hosiery. 224,534; Mar. 1; Serial No. 220,115; published Dec. 14, 1926.

Enterprise Manufacturing Company, The, Akron, Ohio. Fishing reels. 224,683; Mar. 1; Serial No. 239,615; published Dec. 14, 1926.

Errig, William F., doing business as Peco Manufacturing Co., Philadelphia, Pa. Experimental and special machinery. 224,466; Mar. 1; Serial No. 232,916; published Dec. 14, 1926.

Esterbrook Steel Pen Manufacturing Company, The, Camden, N. J. Writing pens of all kinds. 224,613; Mar. 1; Serial No. 239,098; published Dec. 7, 1926.

Fabrocel Packing Co. (See Cellas', Inc.)

Falvey, Patrick J., doing business as Golden Gate Products Company, Chicago, Ill. Dealcoholized California matured wines. 224,620; Mar. 1; Serial No. 238,366; published Nov. 30, 1926.

Fashion Frocks, Inc., Cincinnati, Ohio. Dresses. 224,748; Mar. 1; Serial No. 223,630; published Dec. 14, 1926.

Feig, Julia, Baltimore, Md. Girdles. 224,654; Mar. 1; Serial No. 238,577; published Dec. 14, 1926.

Fennville Fruit Exchange, Fennville, Mich. Fresh fruit. 224,595; Mar. 1; Serial No. 238,846; published Dec. 14, 1926.

Ferrocarril de Antioquia, Medellin, Colombia. Coffee. 224,522; Mar. 1; Serial No. 238,108; published Nov. 30, 1926.

Feu Hermanos, Ayamonte, Spain, and New York, N. Y. Canned fish. 224,566; Mar. 1; Serial No. 207,450; published Dec. 14, 1926.

Files, Adino F., doing business as Maumee Color Co., Maumee, Ohio. Butter coloring. 224,513; Mar. 1; Serial No. 233,365; published Sept. 21, 1926.

Fireman's Supply Co. (See Harvey, Clarence L.)

Firestone Footwear Company, Hudson, Mass. Gaiters with automatic fasteners. 224,689; Mar. 1; Serial No. 239,512; published Dec. 14, 1926.

Florelne Benedictins Perfumery Co. Inc., New York, N. Y. Face cream. 224,436; Mar. 1; Serial No. 237,902; published Dec. 7, 1926.

Fluette, Jane, Dallas, Tex. Hair dyes, hair-dye dissolvers, face creams, face lotions. 224,782; Mar. 1.

Fluette, Jane, Dallas, Tex. Preparation for permanent hair waving. 224,783; Mar. 1.

Foot-Care Co., Findlay, Ohio. Foot powder. 224,635; Mar. 1; Serial No. 238,647; published Dec. 7, 1926.

Fowler, Arthur H., doing business as Fowler Sales Company, Boston, Mass. Face, talcum, and body powder, shampoo, perfume, rouge, etc. 224,552; Mar. 1; Serial No. 238,171; published Dec. 14, 1926.

Frank, A. B., Company, San Antonio, Tex. All-silk fabric. 224,503; Mar. 1; Serial No. 235,733; published Nov. 30, 1926.

Franklin Electric Mfg. Co., Hartford, Conn., and New York, N. Y., assignor to Westinghouse Lamp Company, Bloomfield, N. J. Incandescent electric lamps. 61,508; renewed Mar. 26, 1927.

French Beauty Products Co., Inc., New York, N. Y. Orange-wood sticks. 224,593; Mar. 1; Serial No. 238,850; published Dec. 14, 1926.

French Beauty Products Co., Inc., New York, N. Y. Cases made of inferior metal for containing vanity compacts. 224,594; Mar. 1; Serial No. 238,849; published Dec. 14, 1926.

Friedlander, Max, doing business as Pioneer Drug Co., Seattle, Wash. Cough remedy. 224,540; Mar. 1; Serial No. 236,084; published Dec. 14, 1926.

Fulton Health Institute, Brooklyn and New York, N. Y. Medicinal preparation. 224,688; Mar. 1; Serial No. 239,514; published Dec. 14, 1926.

Funk & Wagnalls Company, New York, N. Y. Magazine section. 224,636; Mar. 1; Serial No. 238,650; published Nov. 30, 1926.

Gay-Marr Co. Not Inc. (See Hamilton, Mary.)

Gebauer Chemical Company, The, Cleveland, Ohio. Ethyl chloride. 224,775; Mar. 1.

Gem City Sheet Metal Company, The, Dayton, Ohio. Register shields, radiator hoods, and air deflectors. 224,651; Mar. 1; Serial No. 238,549; published Dec. 14, 1926.

Gentil, Edmond, Neuilly-sur-Seine, assignor to Societe Gentil & Cie., Courbevoie, Seine, France. Boats and road vehicles. 59,474; renewed Jan. 8, 1927.

Gill, Truman M., Beeville, Tex. Beverages sold as soft drinks and sirups for making the same. 224,785; Mar. 1.

Gilmer, L. H., Co., Tacony, Philadelphia, Pa. Woven padding. 224,464; Mar. 1; Serial No. 233,541; published Nov. 30, 1926.

Glick, Max, Co., The, Cleveland, Ohio. Candy. 224,511–12; Mar. 1; Serial Nos. 239,649–50; published Dec. 14, 1926.

Globe Kneadable Metallic Packing Co. Inc., Brooklyn, N. Y. Metallic packing. 224,547; Mar. 1; Serial No. 235,300; published Dec. 7, 1926.

Golden Gate Products Company. (See Falvey, Patrick J.)

Goodyear Rubber Company, New York, N. Y. Rubber boots and shoes. 63,153; renewed June 11, 1927.

Gordon & Dilworth, New York, N. Y., assignor, by mesne assignments, to Gordon & Dilworth, Inc., Hammonton, N. J., and Long Island City, N. Y. Preserved and canned meats. 59,308; renewed Jan. 8, 1927.

Gordon & Dilworth, New York, N. Y., assignor, by mesne assignments, to Gordon & Dilworth, Inc., Hammonton, N. J., and Long Island City, N. Y. Preserved and canned fruits and vegetables. 60,861; renewed Feb. 26, 1927.

Graf, John, Co., Milwaukee, Wis. Ginger ale. 224,710; Mar. 1; Serial No. 236,928; published Dec. 14, 1926.

Graf, John Co., Milwaukee, Wis. Ginger ale. 224,711; Mar. 1; Serial No. 236,930; published Dec. 14, 1926.

Great Atlantic & Pacific Tea Company, The, to The Great Atlantic & Pacific Tea Company, Jersey City, N. J. Cocoa and chocolate. 63,071; renewed June 4, 1927.

Great Atlantic & Pacific Tea Company, The, New York, N. Y., to The Great Atlantic & Pacific Tea Company, Jersey City, N. J. Certain foods. 63,309; renewed June 11, 1927.

Greenebaum Brothers, assignors to Greenebaum Bros. & Company, Philadelphia, Pa. Outer shirts. 59,404; renewed Jan. 8, 1927.

Grigsby-Grunow-Hinds Co., Chicago, Ill. Reproducers for radioreceivers. 224,670; Mar. 1; Serial No. 234,908; published Dec. 14, 1926.

Grigsby-Grunow-Hinds Co., Chicago, Ill. A and B power current-supply apparatus for radio equipment. 224,671; Mar. 1; Serial No. 234,907; published Dec. 14, 1926.

Guardian Trust Company, The, trustee, Cleveland, Ohio. Molds for making castings of metal and parts and accessories thereof. 224,734; Mar. 1; Serial No. 216,177; published Aug. 10, 1926.

Guide Publishing Company, Huntington, Ind. Weekly magazine. 224,663; Mar. 1; Serial No. 235,214; published Nov. 30, 1926.

Gussman, J. C., St. Paul, Minn. Toothbrushes. 224,701; Mar. 1; Serial No. 239,363; published Dec. 14, 1926.

Gydeson, C. F., doing business as C. F. Gydeson & Sons, Houston, Tex. Motor-lubricating oil. 224,539; Mar. 1; Serial No. 236,085; published Dec. 7, 1926.

Hamilton, Mary, doing business as Gay-Marr Co., Not Inc., Chicago, Ill. Water wavers for curling and forming hair. 224,479; Mar. 1; Serial No. 227,516; published Dec. 7, 1926.

Hanna Paint Manufacturing Company, The, Columbus, Ohio. Ready-mixed wall-finish paints. 224,702; Mar. 1; Serial No. 235,216; published Nov. 23, 1926.

Hansen's, Chr., Laboratory, Inc., Little Falls, N. Y. Tablets and powders for making junket desserts and buttermilk tablets. 224,712; Mar. 1; Serial No. 236,935; published Dec. 7, 1926.

Harrison, W. H., & Co., to The W. H. Harrison Co., Cincinnati, Ohio, successor. Coffee. 63,728; renewed July 2, 1927.

Harvey, Clarence L., doing business as Fireman's Supply Co., Belleville, N. J. Rubber boots and shoes. 224,504; Mar. 1; Serial No. 239,708; published Dec. 14, 1926.

Hawaiian Pineapple Company, Ltd., San Francisco, Calif., and Iwilei, Hawaii. Canned pineapple. 224,558; Mar. 1; Serial No. 239,750; published Dec. 14, 1926.

Heileman, G., Brewing Co., La Crosse, Wis. Beer. 63,492; renewed June 25, 1927.

Hess, Goldsmith & Co., Inc., New York, N. Y. Woven, knitted, or netted piece goods. 224,510; Mar. 1; Serial No. 239,653; published Dec. 14, 1926.

Hetsel, Eva M., Scranton, Pa. Toilet rouge. 61,945; renewed Apr. 9, 1927.

Hewlett Bros. Company, Salt Lake City, Utah. Coffee. 224,687; Mar. 1; Serial No. 239,520; published Dec. 14, 1926.

Hills Brothers Company, The, New York, N. Y. Canned pimientos. 224,969; Mar. 1; Serial No. 239,474; published Dec. 14, 1926.

Hitt Fireworks Company, Seattle, Wash. Firecrackers. 224,509; Mar. 1; Serial No. 239,657; published Dec. 14, 1926.

Hochschild, Kohn & Co., Inc., Baltimore, Md. Corsets, underwear, etc. 224,485; Mar. 1; Serial No. 237,959; published Dec. 14, 1926.

Hoffmann, John G., doing business as Oriole Supply Co., Baltimore, Md. Hops and malt extract. 224,592; Mar. 1; Serial No. 238,858; published Dec. 14, 1926.

Holland Butter Company, Chicago, Ill. Butter, eggs, cheese, and dressed poultry. 224,477; Mar. 1; Serial No. 230,449; published Dec. 7, 1926.

Holmes, Susan O., St. Paul, Minn. Children's one-piece oversuits. 224,641; Mar. 1; Serial No. 238,264; published Dec. 14, 1926.

Holtzman, Joseph A., Baltimore, Md. Hatboxes, overnight bags, and suitcases. 224,631; Mar. 1; Serial No. 238,583; published Dec. 7, 1926.

Hood Rubber Company, Watertown, Mass. Rubber boots and shoes, rubber overshoes, etc. 224,599; Mar. 1; Serial No. 239,302; published Dec. 7, 1926.

Hunter, La Fayette M., doing business as Dr. L. M. Hunter, Little Rock, Ark. Vaginal suppositories. 224,607; Mar. 1; Serial No. 239,175; published Dec. 14, 1926.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main and Berlin, Germany. Photographic plates and films, lenses, cameras, etc. 224,730; Mar. 1; Serial No. 238,547; published Dec. 14, 1926.

I. X. L. Steam Packing Manufacturing Co., New York, N. Y. to United States Rubber Company, New Brunswick, N. J., and New York, N. Y., successor. Steam and pressure packing in sheet and coil form. 59,105; renewed Jan. 1, 1927.

Ideal Cocoa & Chocolate Company, Lititz, Pa. Milk-chocolate wafers. 224,525; Mar. 1; Serial No. 238,059; published Dec. 14, 1926.

Illinois Glass Company, Alton, Ill. Glass bottles. 224,561; Mar. 1; Serial No. 213,053; published Dec. 14, 1926.

Illinois Watch Case Company, Elgin, Ill. Watch movements and watchcases. 224,619; Mar. 1; Serial No. 238,375; published Dec. 7, 1926.

Industrial Products Company, Philadelphia, Pa. Safety protection clothing. 224,484; Mar. 1; Serial No. 229,739; published Dec. 14, 1926.

Industrial Welded Products Co. Inc., Newark, N. J. Pyrometer sheaths. 224,675; Mar. 1; Serial No. 234,400; published Nov. 30, 1926.

International Process and Engineering Corporation, New York, N. Y. Electrical apparatus. 224,704; Mar. 1; Serial No. 219,588; published Dec. 14, 1926.

Jacobs & Kassler, New York, N. Y. Dolls. 224,538; Mar. 1; Serial No. 236,131; published Nov. 30 1926.

Johnson, I. S., & Co. Inc., Boston, Mass. Chewing-gum laxative. 224,640; Mar. 1; Serial No. 238,266; published Dec. 14, 1926.

Johnson McKim Johnson Co., Linden, N. J. Ready-mixed paints and paste paints. 224,457; Mar. 1; Serial No. 237,032; published Nov. 23, 1926.

Jordan Marsh Company, Boston, Mass. Witch-hazel cream, cucumber cream, cold cream, etc. 224,686; Mar. 1; Serial No. 239,524; published Dec. 14, 1926.

Joseph, William, doing business as W. Joseph Company, New York, N. Y. Fresh apples. 224,437; Mar. 1; Serial No. 237,912; published Dec. 14, 1926.

Kadet, Kruger & Company, Chicago, Ill. Ladies' neckwear. 224,486–7; Mar. 1; Serial Nos. 237,063–4; published Dec. 14, 1926.

Kaminsky, Eddie E., doing business as E. Kaminsky Company, Milwaukee, Wis. Stain eradicators. 224,719; Mar. 1; Serial No. 238,791; published Nov. 30, 1926.

Karr, Charles D., Holland, Mich. Padded mattresses, pillows, and cushions. 224,543; Mar. 1; Serial No 235,650; published Dec. 7, 1926.

Klein Lambert Co. (See Lambert, Daniel J.)

Klinger, William M. (See Rechargo Manufacturing Co., The, assignor.)

Kloster Steel Corporation, Chicago, Ill. Steel and iron. 224,557; Mar. 1; Serial No. 239,758; published Dec. 14, 1926.

Knefler-Bates Manufacturing Company, Indianapolis, Ind. Cold-water paste. 224,440; Mar. 1; Serial No. 237,459; published Dec. 7, 1926.

Koeller, F., & Co., Solingen, Germany. Cutlery. 224,749; Mar. 1; Serial No. 222,616; published Dec. 14, 1926.

Kohn & Mundus, Jacob & Josef, Inc., New York, N. Y. Furniture. 224,524; Mar. 1; Serial No. 238,060; published Dec. 14, 1926.

Kozik, Louis, Three Rivers, Mass. Asthma medicine. 224,444; Mar. 1; Serial No. 237,507; published Dec. 7, 1926.

Kropp Forge Company, Chicago, Ill. Forgings. 224,470; Mar. 1; Serial No. 232,682; published Dec. 14, 1926.

Labrocel Packing Co., Inc. (See Cellas', Inc.)

Lambert, Daniel J., Apponaug, R. I., assignor to The O. K. Stock Food Company, Chicago, now by change of name Klein Lambert Co., Blue Island, Ill. Insecticides. 59,583; renewed Jan. 8, 1927.

La Mode Garment Co., Chicago, Ill. Children's bloomers. 224,488; Mar. 1; Serial No. 237,967; published Dec. 14, 1926.

Landres, Arnold G., doing business as Amplex Instrument Laboratories, New York, N. Y. Radio receiving sets and parts thereof. 224,630; Mar. 1; Serial No. 225,021; published Dec. 14, 1926.

Les Parfumes des Courtisanes. (See Martinat, Jean.)

Lilienthal & Grossman, Inc., New York, N. Y. Gloves. 224,637; Mar. 1; Serial No. 238,659; published Dec. 14, 1926.

Lilling, Herman, doing business as National Cigar Company, Brooklyn, N. Y. Cigars and cheroots. 224,508; Mar. 1; Serial No. 239,813; published Dec. 14, 1926.

Lindt & Sprungli, Inc. (See Aktien-Gesellschaft Vereinigte Berner & Zurcher Chocolade-Fabriken Lindt & Sprungli, assignor.)

Lisner, D., & Co., Inc., New York, N. Y. Necklaces, bracelets, brooches, earrings, etc. 224,537; Mar. 1; Serial No. 236,137; published Dec. 7, 1926.

Litty, Etta C., Kansas City, Mo. Shoe protectors. 224,535; Mar. 1; Serial No. 236,425; published Dec. 14, 1926.

Locomobile Company of America, Incorporated, Bridgeport, Conn. Automobiles and constructive parts thereof. 224,672; Mar. 1; Serial No. 234,622; published Dec. 14, 1926.

London Shoe Co., Inc., New York, N. Y. Shoes. 224,714; Mar. 1; Serial No. 238,794; published Nov. 30, 1926.

Lord & Taylor, New York, N. Y. Dresses, capes, women's coats, and suits, hats, etc. 224,493; Mar. 1; Serial No. 237,675; published Dec. 7, 1926.

Lucas, John, & Co., assignor to John Lucas & Co. Inc., Philadelphia, Pa. Paint or coloring material. 58,240; renewed Dec. 11, 1926.

Lucas, John, & Co., assignor to John Lucas & Co. Inc., Philadelphia, Pa. Paint and varnish removers. 58,241; renewed Dec. 11, 1926.

Lucas, John, & Co., assignor to John Lucas & Co. Inc., Philadelphia. Enamel paints. 58,242; renewed Dec. 11, 1926.

Lucas, John, & Co., assignor to John Lucas & Co. Inc., Philadelphia, Pa. Paints and painters' materials. 59,889; renewed Jan. 22, 1927.

Lundquist Tool & Mfg. Co., Worcester, Mass. Electrical measuring instruments—namely, voltmeters, ammeters, etc. 224,758; Mar. 1; Serial No. 221,556; published Dec. 14, 1926.

MacAndrews & Forbes Company, New York, N. Y., to The J. S. Young Company, Baltimore, Md., successor. Licorice and licorice paste. 60,000; renewed Jan. 22, 1927.

Macomber & Whyte Rope Company, Chicago, Ill., to Macwhyte Company, Kenosha, Wis., successor. Wire rope. 58,983; renewed Dec. 25, 1926.

Macwhyte Company. (See Macomber & Whyte Rope Company.)

Magazine Repeating Razor Company, New York, N. Y. Safety razors and razor blades. 224,639; Mar. 1; Serial No. 238,326; published Dec. 7, 1926.

Malloy, D. M., & Sons, Cleveland, Ohio. Medicine for headache, toothache, neuralgia, etc. 224,438; Mar. 1; Serial No. 237,915; published Nov. 30, 1926.

Maltex Co. Inc., The, New York, N. Y. Medicinal preparation used as a general tonic. 224,502; Mar. 1; Serial No. 235,894; published Dec. 14, 1926.

Mandel, Morris, Los Angeles, Calif. Footwear. 224,765; Mar. 1.

Mansfield, Geo. C., Co., The, Milwaukee, Wis. Butter. 58,641; renewed Dec. 18, 1926.

Marathon Rubber Company, Inc., Akron, Ohio. Vehicle tires and tubes. 224,549; Mar. 1; Serial No. 235,270; published Nov. 30, 1926.

Marquette Paper Co., Chicago, Ill. Bond, index, ledger, and book paper. 224,606; Mar. 1; Serial No. 239,184; published Dec. 7, 1926.

Martinat, Jean, doing business as Les Parfumes des Courtisanes, New York, N. Y. Face powders. 224,737; Mar. 1; Serial No. 221,129; published Dec. 7, 1926.

Masury-Young Company, Charlestown, Mass. Blended lubricating oil. 224,752–5; Mar. 1; Serial No. 221,760–3; published Dec. 7, 1926.

Maumee Color Co. (See Files, Adino F.)

McAvoy Mfg. Company, Inc., The, Detroit, Mich. Varnish polishes, varnish dressings, etc. 224,708; Mar. 1; Serial No. 236,884; published Nov. 30, 1926.

McClelland Manufacturing Company, The, Barnesville, Ohio. Negligee and work shirts, pants, and overalls. 224,757; Mar. 1; Serial No. 221,626; published Dec. 14, 1926.

McDonnell, William P., Mobile, Ala. Bread. 224,627; Mar. 1; Serial No. 238,184; published Dec. 7, 1926.

McDonough, Edward W., doing business as Moredge Sales Company, Newark, N. J. Safety-razor blades. 224,743; Mar. 1; Serial No. 236,615; published Dec. 7, 1926.

McEwen, Irving, Omaha, Nebr. Liquid, toilet, skin, bath, and hair and scalp soap. 224,760; Mar. 1; Serial No. 236,763; published Dec. 7, 1926.

Meinig Hosiery Co., The, Reading, Pa. Hosiery. 224,656; Mar. 1; Serial No. 238,661; published Dec. 7, 1926.

Merkin, M. J., Paint Co. Inc., New York, N. Y. Paint. 224,583; Mar. 1; Serial No. 238,985; published Dec. 14, 1926.

Merry Anne Dress Co., The, New Haven, Conn. Dresses. 224,612; Mar. 1; Serial No. 239,128; published Dec. 14, 1926.

Metalastic Inc., Jersey City, N. J. Machinery packings. 224,469; Mar. 1; Serial No. 232,685; published Dec. 14, 1926.

Meux's Brewery Company Limited, London, England. Beer. 57,655; renewed Nov. 27, 1926.

Mexican Chile Supply Company. (See Pendery, Arthur L.)

Miller, Edward A., doing business as The Playgoer, New York, N. Y. Periodical magazine. 224,590; Mar. 1; Serial No. 238,915; published Nov. 30, 1926.

Miller, Harry, New York, N. Y. Ladies' knitted underwear. 224,781; Mar. 1.

Milward, Henry, & Sons, Limited, Redditch, England. Fishhooks, artificial flies, etc. 224,494; Mar. 1; Serial No. 237,745; published Dec. 7, 1926.

Missouri-Kansas-Texas Railroad Company, St. Louis, Mo. Booklets, circulars, and pamphlets. 224,514; Mar. 1; Serial No. 233,280; published Nov. 23, 1926.

Mohawk Condensed Milk Co., St. Johnsville, N. Y., to Mohawk Condensed Milk Company, Oconomowoc, Wis. Condensed milk. 63,284; renewed June 11, 1927.

Moler, Van B., Co. Inc., New York, N. Y. Hosiery. 224,658–9; Mar. 1; Serial Nos. 238,734–5; published Nov. 30, 1926.

Montague, B. F., Company Inc., New York, N. Y. Gloves. 224,695; Mar. 1; Serial No. 239,488; published Dec. 7, 1926.

Montauk Distributing Co. (See Ushkow, Joseph.)

Moore Pen Company, The, Boston, Mass. Pen points. 224,526; Mar. 1; Serial No. 239,042; published Dec. 7, 1926.

Moredge Sales Company. (See McDonough, Edward W.)

Morrell, John, & Co., Ottumwa, Iowa. Poultry and stock foods. 224,789; Mar. 1.

Mothguard Laboratories Inc., New York, N. Y. Insecticide. 224,644; Mar. 1; Serial No. 238,513; published Dec. 7, 1926.

Mueller Brass Co., Port Huron, Mich. Metal rods, die castings, sand castings, and forgings of nonferrous metal. 224,739; Mar. 1; Serial No. 236,430; published Dec. 14, 1926.

Mueller, L. J., Furnace Company, Milwaukee, Wis. Gas boiler installed in dwellings or other buildings. 224,727; Mar. 1; Serial No. 238,450; published Dec. 14, 1926.

Mulford, H. K., Company, Philadelphia, Pa. Analgesic and uric-acid eliminant. 224,598; Mar. 1; Serial No. 239,310; published Dec. 7, 1926.

Murray, Eva D., doing business as Murray Company, Bloomington, Ill. Liquid chemical compound. 224,489; Mar. 1; Serial No. 237,974; published Dec. 7, 1926.

Myers, Marcus A., doing business as Myers' Wooly Animals Company, Gloversville, N. Y. Stuffed toy animals. 224,618; Mar. 1; Serial No. 238,385; published Dec. 7, 1926.

Mystic Washer Co., Inc., Houston, Tex. Washing machine. 224,626; Mar. 1; Serial No. 238,189; published Nov. 30, 1926.

Naamlooze Vennootschap Handelsvereeniging Udolpho Wolfe Company. (See Wolfe, Udolpho, assignor.)

Narrow Fabric Co., The, Reading and West Reading, Pa. Narrow woven and braided elastics. 224,490; Mar. 1; Serial No. 237,975; published Dec. 7, 1926.

Narrow Fabric Co., The, West Reading and Reading, Pa. Lacings for shoes, corsets, etc. 224,616; Mar. 1; Serial No. 239,819; published Dec. 14, 1926.

National Cigar Company. (See Lilling, Herman.)

National Soap Co., Detroit, Mich. Soaps. 224,735; Mar. 1; Serial No. 224,344; published Nov. 30, 1926.

Nebel, Oscar, Company, Inc., Hatboro, Pa. Hosiery. 224,604; Mar. 1; Serial No. 239,258; published Dec. 14, 1926.

Neveroil Bearing Company, Wakefield, Mass. Bearings. 224,507; Mar. 1; Serial No. 239,667; published Dec. 14, 1926.

Newark Tortoise Shell Novelty Co., Newark, N. J. Celluloid shoe buckles, buttonhooks, glove stretchers, cuff buttons, etc. 224,478; Mar. 1; Serial No. 230,183; published Dec. 14, 1926.

New England Confectionery Company, Boston, Mass. Candy. 224,506; Mar. 1; Serial No. 239,669; published Dec. 14, 1926.

New Haven Clock Co., The, New Haven, Conn. Clock dials and panels. 224,657; Mar. 1; Serial No. 238,736; published Dec. 7, 1926.

New Jersey Zinc Company, The, Newark and Franklin, N. J. Lithopone used as a paint pigment. 224,495; Mar. 1; Serial No. 237,748; published Nov. 23, 1926.

New York Curtain Corporation, New York, N. Y. Curtains. 224,724; Mar. 1; Serial No. 238,737; published Dec. 14, 1926.

Neyron & Co., Lyon, France. Knitted and textile fabric gloves, underwear, etc. 224,736; Mar. 1; Serial No. 224,037; published Dec. 14, 1926.

Niagara Sprayer Company, Middleport, N. Y. Parasiticides. 224,515; Mar. 1; Serial No. 233,141; published Dec. 7, 1926.

Niagara Sprayer Company, Middleport, N. Y. Parasiticides. 224,516; Mar. 1; Serial No. 233,136; published Dec. 7, 1926.

Nielsen, James C., doing business as J. C. Nielsen Co., Chicago, Ill. Florists' supplies. 224,756; Mar. 1; Serial No. 221,633; published Dec. 14, 1926.

Noake-Wheeler-Clough Company, assignor to Wheeler Varnish Works, Chicago, Ill. Varnishes, stains, japans, surfacers, and interior and exterior finishes. 61,813; renewed Apr. 9, 1927.

Norman, W. G., Corporation, New York, N. Y. Rope-end attachment. 224,622; Mar. 1; Serial No. 238,339; published Dec. 14, 1926.

North American Anolin Corporation, Little Falls, N. Y. Dyes, finishes, stains, creams for the tanning and shoe industries. 224,769; Mar. 1.

North American Mercantile Company, San Francisco, Calif. Canned beef. 224,747; Mar. 1; Serial No. 223,971; published Dec. 14, 1926.

North British Rubber Co. Ltd., The, Toronto, Ontario, Canada. Golf balls, golf clubs, bags, and tees, etc. 224,455; Mar. 1; Serial No. 237,129; published Dec. 21, 1926.

North Lubec Mfg. & Canning Co., North Lubec, Me. Canned sardines. 61,787; renewed Apr. 2, 1927.

North State Canning Company Inc., North Wilkesboro, N. C. Canned fruits and vegetables. 224,666; Mar. 1; Serial No. 235,167; published Dec. 14, 1926.

O. K. Stock Food Company, The. (See Lambert, Daniel J., assignor.)

Ollendorff, Julian, New York, N. Y. Motion-picture films. 224,443; Mar. 1; Serial No. 237,509; published Dec. 7, 1926.

O'Neil, M., Company, The, Akron, Ohio. Men's suits and overcoats. 224,576; Mar. 1; Serial No. 239,044; published Dec. 14, 1926.

Onoda Cement Co. Ltd., Yamaguchi-Ken, Japan. Cement and Portland cement. 224,462–3; Mar. 1; Serial Nos. 226,504–5; published Nov. 9, 1926.

Opoterapia, Inc., New York, N. Y. Face cream. 224,694; Mar. 1; Serial No. 239,485; published Dec. 14, 1926.

Oppenheim, Oberndorf & Co., Inc., doing business as The Sealpax Company, Baltimore, Md. Ladies, rayon vests, bloomers, step-ins, chemises, and combinations. 224,652; Mar. 1; Serial No. 238,556; published Dec. 14, 1926.

Organ Power Corporation, The, Hartford, Conn., assignor to The Spencer Turbine Company, West Hartford, Conn. Machinery. 62,801; renewed May 28, 1927.

Organ Power Corporation, The, Hartford, Conn., assignor to The Spencer Turbine Company, West Hartford, Conn. Machinery. 62,816; renewed May 28, 1927.

Oriole Supply Co. (See Hoffman, John G.)

Ozojell Co., to T. A. Slocum Co., New York, N. Y., successor. Pharmaceutical preparation. 62,890; renewed May 28, 1927.

Pacific Chemical Products Company, Everett, Wash. Dry-cleansing fluid for the purpose of removing grease spots from fabrics. 224,713; Mar. 1; Serial No. 236,954; published Dec. 7, 1926.

Pacific Chemical Products Company, Everett, Wash. Liquid bleach for household and laundry use. 224,774; Mar. 1.

Palmiter, Hubert L., Columbus, to Elizabeth E. Palmiter and H. Fay Palmiter, executors under the will of Hubert L. Palmiter, New Berlin, N. Y., successors. Insecticide and deodorizer. 58,838; renewed Dec. 25, 1926.

Palmolive Company, The, Chicago, Ill. Toilet and shaving soaps. 224,703; Mar. 1; Serial No. 219,840; published Dec. 7, 1926.

Parfumerie Roger et Gallet, Paris, France. Soaps. 224,433; Mar. 1; Serial No. 237,872; published Dec. 7, 1926.

Parfumerie Roger et Gallet, Paris, France. Soaps. 224,434; Mar. 1; Serial No. 237,874; published Dec. 7, 1926.

Parsons, Charles A., assignor to C. A. Parsons & Company Limited, Newcastle-on-Tyne, England. Steam turbines and parts thereof. 51,999; renewed May. 1, 1926.

Parts Manufacturing Company, Cleveland, Ohio. Piston rings and inner rings for pistons. 224,536; Mar. 1; Serial No. 236,144; published Dec. 7, 1926.

Peco Manufacturing Co. (See Errig, William F.)

Pendery, Arthur L., doing business as Mexican Chile Supply Company, Fort Worth, Tex. Chile preparation for seasoning meats, gravies, soups, etc. 224,461; Mar. 1; Serial No. 227,534; published Dec. 7, 1926.

Peninsular Paint and Varnish Company Ltd., assignor to Peninsular Paint and Varnish Company, Detroit, Mich. Painters' materials. 62,960; renewed June 4, 1927.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Suspenders, belts intended for personal wear, arm bands, etc. 224,655; Mar. 1; Serial No. 238,665; published Dec. 7, 1926.

Penn Oil Co., Roselyn, Va. Oils. 224,496; Mar. 1; Serial No. 237,764; published Dec. 14, 1926.

Peters Cartridge Company, Cincinnati, Ohio. Cartridges, powder, and percussion caps. 60,728; renewed Feb. 19, 1927.

Pettibone Mulliken Co., Chicago, Ill. Railway-switch stands. 224,532; Mar. 1; Serial No. 219,842; published Dec. 14, 1926.

Peyton, W. P., Fruit Co., Los Angeles, Calif. Fresh fruits and vegetables, dried fruit, honey, etc. 224,521; Mar. 1; Serial No. 238,138; published Dec. 7, 1926.

Picher Lead Company, Joplin, Mo., assignor to The Eagle-Picher Lead Company, Chicago, Ill. Pig lead. 59,961; renewed Jan. 22, 1927.
Pine, John H., Ardmore and Philadelphia, assignor to Pine Brothers, Inc., Philadelphia, Pa. Tablets for colds, coughs, and bronchial affections. 58,987; renewed Dec. 25, 1926.
Pioneer Drug Co. (See Friedlander, Max.)
Pittsburgh Plate Glass Company, Rennous-Kleinle Division, Baltimore, Md. Brushes. 224,715–17; Mar. 1; Serial Nos. 238,803–5; published Nov. 30, 1926.
Pittsburgh Steel Company, Pittsburgh, Pa. Nails. 224,589; Mar. 1; Serial No. 238,917; published Dec. 14, 1926.
Playgoer, The. (See Miller, Edward A.)
Plura-Crine Chemical Co. (See Cole, B. L.)
Polk, James K., Incorporated, Richmond, Va. Phonographs, parts, etc. 224,468; Mar. 1; Serial No. 232,739; published Dec. 14, 1926.
Pompeian Mfg. Co., Cleveland, Ohio. Soap. 61,081; renewed Mar. 5, 1927.
Powell Corset Company, Chicago, Ill. Corsets, brassières, girdles, and combination garments. 224,490; Mar. 1; Serial No. 227,809; published Dec. 7, 1926.
Price, W. F., Battery Supply Company, Philadelphia, Pa. Radio power units. 224,633; Mar. 1; Serial No. 238,612; published Dec. 14, 1926.
Rayhealth Laboratories, Oakland, Calif. Water coolers and other vessels containing radioactive ore. 224,476; Mar. 1; Serial No. 230,801; published Dec. 14, 1926.
Rea-Patterson Milling Company, The, Coffeyville, Kans. Wheat flour. 59,795; renewed Jan. 15, 1927.
Rechargo Manufacturing Co., The, assignor to William M. Klinger, Dayton, Ohio. Storage batteries. 224,759; Mar. 1; Serial No. 221,379; published Dec. 14, 1926.
Red Spot Paint & Varnish Co., Inc., Evansville, Ind. Thinners for paints and varnishes. 224,546; Mar. 1; Serial No. 235,420; published Dec. 7, 1926.
Red Spot Paint & Varnish Co., Evansville, Ind. Nitrocellulose lacquers. 224,611; Mar. 1; Serial No. 239,138; published Dec. 7, 1926.
Reese, Issachar P., doing business as Reese Padlock Company, Lancaster, Pa. Padlocks. 224,771; Mar. 1.
Richmond Candy Company, Chicago, Ill., and Lincoln, Nebr. Candy bars. 224,448; Mar. 1; Serial No. 237,388; published Dec. 14, 1926.
Richmond Piano Co., assignor to The Starr Piano Company, Richmond, Ind. Pianos. 59,499; renewed Jan. 8, 1927.
Rio Chemical Co., New York, N. Y. Uterine tonics. 63,011; renewed June 4, 1927.
Rio Chemical Co., New York, N. Y. Mucous astringent for internal and external use. 63,012; renewed June 4, 1927.
Rittenberg Bros., doing business as Stonekirk Worsted Co., New York, N. Y. Woolen and wool and mixed woven piece goods. 224,545; Mar. 1; Serial No. 235,427; published Dec. 14, 1926.
Riverside & Dan River Cotton Mills, Inc., Schoolfield and Danville, Va. Sheeting, sheets, and pillowcases, and colored cotton piece goods. 224,653; Mar. 1; Serial No. 238,558; published Dec. 14, 1926.
Roehr, Herbert W., Milwaukee, Wis. Ladies' house aprons. 224,548; Mar. 1; Serial No. 235,277; published Dec. 7, 1926.
Rogers, Wm. A., Ltd., New York, to Wm. A. Rogers, Limited, Niagara Falls, N. Y.; Northampton, Mass.; and Hartford and Wallingford, Conn. Silver-plated ware comprising flat and hollow ware and cutlery. 59,396; renewed Jan. 8, 1927.
Rogers, Wm. A., Ltd., New York, to Wm. A. Rogers, Limited, Niagara Falls, N. Y.; Northampton, Mass.; and Hartford and Wallingford, Conn. Silver-plated ware comprising flat and hollow ware and cutlery. 59,422; renewed Jan. 8, 1927.
Rohn, William M., and Carl A. Johnson, Chicago, Ill. Parlor game board played with pieces and dice. 224,649; Mar. 1; Serial No. 238,527; published Dec. 14, 1926.
Rome Bros., Bridgeport, Conn. Barley-malt extracts for beverage purposes. 224,481; Mar. 1; Serial No. 227,086; published Nov. 30, 1926.
Rosenbaum Company, The, Pittsburgh, Pa. Ladies' and misses' coats, suits, and dresses. 224,693; Mar. 1; Serial No. 239,488; published Dec. 1, 1926.
Rosenberg Bros. & Co., Rochester, N. Y. Men's suits, coats, pants, and vests. 224,780; Mar. 1.
Rothschild, Sol A., Company, Inc., Chicago, Ill. Kid gloves. 224,465; Mar. 1; Serial No. 232,946; published Dec. 14, 1926.
Roz, Julius P., San Francisco, Calif. Automobile tops. 224,529; Mar. 1; Serial No. 238,025; published Dec. 14, 1926.
Ruberoid Co., The, Boundbrook, N. J., and New York, N. Y. Preservative and waterproofing coatings having a bituminous base. 224,573; Mar. 1; Serial No. 182,934; published June 17, 1924.
Rubin, Hyman, New York, N. Y. Novelty purses and hand bags. 224,530; Mar. 1; Serial No. 238,026; published Dec. 14, 1926.
St. Louis Lightning Rod Co., St. Louis, Mo. Lightning rods covered or plated with a layer of copper. 60,575; renewed Feb. 12, 1927.
Sandy, Inc., Minneapolis, Minn. Dresses in silk and woolen materials and skirts in flannel and woolen novelties. 224,588; Mar. 1; Serial No. 238,922; published Nov. 30, 1926.
Sanitary Utilities Corporation, St. Louis, Mo. Sanitary paper cover for toilet seats. 224,692; Mar. 1; Serial No. 239,489; published Dec. 7, 1926.
"Sarotti" Chokoladen- & Cacao-Industrie Aktiengesellschaft, Berlin, to "Sarotti" Aktiengesellschaft, Berlin-Tempelhof, Germany, successor. Chocolate and cocoa. 60,085; renewed Jan. 29, 1927.
Schaltin & Cie., to Schaltin, Pierry & Co., Spa, Belgium, successors. Liqueur. 59,051; renewed Jan. 1, 1927.
Schmidt, Gerhard F., Aktiengesellschaft, Zurich, Switzerland. Pharmaceutical preparations for human use in the treatment of rheumatism, gout, lumbago, etc. 224,684; Mar. 1; Serial No. 239,601; published Dec. 14, 1926.
Schoeneman, J., Incorporated, Baltimore, Md. Coats, vests, trousers, etc. 224,602; Mar. 1; Serial No. 239,269; published Dec. 14, 1926.
Schoeneman, J., Incorporated, Baltimore, Md. Coats, vests, trousers, etc. 224,603; Mar. 1; Serial No. 239,267; published Dec. 14, 1926.
Schwan-Bleistift-Fabrik A.-G., Nuremberg, Germany. Black lead pencils, colored pencils, copying pencils, etc. 224,634; Mar. 1; Serial No. 238,621; published Dec. 7, 1926.
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y., to Wilson & Co. Inc., Chicago, Ill., and New York, N. Y., successor. Certain named meats. 56,261; renewed Sept. 4, 1926.
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y., to Wilson & Co. Inc., Chicago, Ill., and New York, N. Y., successor. Smoked meats. 56,468; renewed Sept. 25, 1926.
Schwarzschild & Sulzberger Company, Kansas City Kans.; Chicago, Ill.; and New York, N. Y., to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y., successor. Lard and meats. 57,608–9; renewed Nov. 13, 1926.
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill.; and New York, N. Y., to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y. Roast beef, tongue, and lard. 57,610; renewed Nov. 13, 1926.
Schwarzschild & Sulzberger Company, Kansas City Kans.; Chicago, Ill.; and New York, N. Y., to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y., successor. Canned meats and lard. 60,283; renewed Feb. 5, 1927.
Schwarzschild & Sulzberger Company, Kansas City, Kans.; Chicago, Ill.; and New York N. Y., to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y., successor. Lard. 60,284; renewed Feb. 5, 1927.
Schwarzschild and Sulzberger Co., to Wilson & Co., Inc., Chicago, Ill., and New York, N. Y. Beef oil or fat. 61,228; renewed Mar. 12, 1927.
Sealastic Co., The. (See Abseck, Louis.)
Sealpax Company, The. (See Oppenheim, Oberndorf & Co., Inc.)
Sears, Roebuck and Co., Chicago, Ill. Toothbrushes. 224,582; Mar. 1; Serial No. 238,999; published Dec. 14, 1926.
Sears, Roebuck and Co., Chicago, Ill. Planes. 224,597; Mar. 1; Serial No. 239,323; published Dec. 7, 1926.
Selmer, Henri, Paris, France. Wood-wind musical instruments and accessories therefor. 224,533; Mar. 1; Serial No. 239,000; published Dec. 28, 1926.
Service Grocer Company, Inc., Detroit, Mich. Paper napkins and toilet paper. 224,723; Mar. 1; Serial No. 238,746; published Dec. 7, 1926.
Sexauer, J. A., Mfg. Co., Inc., New York, N. Y. Nonmetallic faucet cushions and washers. 224,528; Mar. 1; Ser. No. 238,028; published Dec. 7, 1926.
Sheet Steel Products Company, Detroit, Mich., and Michigan City, Ind. Filters for engines. 224,729; Mar. 1; Serial No. 238,402; published Dec. 14, 1926.
Sheifley, Julius C., Colchester, Ill. Medicine for coughs, colds, pneumonia, colic, etc. 224,728; Mar. 1; Serial No. 238,404; published Dec. 7, 1926.
Sherer-Gillett Company, Chicago, Ill. Food preparations. 60,710; renewed Feb. 19, 1927.
Sherer-Gillett Company, Chicago, Ill. Toilet and medicinal preparations. 60,849; renewed Feb. 19, 1927.
Sherer-Gillett Company, Chicago, Ill. Ammonia, blue, bining, washing crystal, etc. 62,915; renewed May 28, 1927.
Sherer-Gillett Company, Chicago, Ill. Laundry starch. 62,946; renewed May 28, 1927.
Shulman & Sons, New York, N. Y. Game. 224,587; Mar. 1; Serial No. 238,924; published Dec. 14, 1926.
Silver Lake Company, Newton, Mass. Cords, twines and ropes. 60,317; renewed Feb. 5, 1927.
Silverstein, Ben, Brooklyn, N. Y. Huts and caps for men and boys. 224,772; Mar. 1, 1927.
Slater Shoe Company, The, to The Slater Shoe Company, Limited, Montreal, Canada. Leather shoes, boots, and slippers. 60,929; renewed Feb. 26, 1927.
Slattery, E. T., Company, Boston, Mass. Gloves, stepins, vests, bloomers, etc. 224,761; Mar. 1; Serial No. 236,781; published Dec. 7, 1926.
Slocum, T. A., Co. (See Ozojell Co.)

Smith, L. C., & Corona Typewriters Inc., Syracuse, N. Y. Typewriting machines and parts thereof. 224,784; Mar. 1.
Smith, Stephen D., Brooklyn, N. Y. Cigars. 224,586; Mar. 1; Serial No. 238,925; published Dec. 14, 1926.
Société Française de l'Everite, La Plaine, St.-Denis, France. Slates, tiles, plates, etc. 224,568–70; Mar. 1; Serial Nos. 201,052–4; published Feb. 16, 1926.
Societe Gentil & Cie. (See Gentil, Edmond, assignor.)
Söhne, Max Z., Romanshorn, Switzerland. Remedy used internally for seasickness and other disorders and diseases originating in the stomach. 224,475; Mar. 1; Serial No. 231,802; published Dec. 7, 1926.
Solari, A. M. & J., Ltd., New Orleans, La. Coffee and chicory. 224,673; Mar. 1; Serial No. 234,597; published Nov. 30, 1926.
Sommer, Adolph, doing business as Viscol Company, Cambridge, Mass. Erasers or erasing compositions. 60,496; renewed Feb. 12, 1927.
Southern Cotton Oil Company, The, Jersey City, N. J.; New York, N. Y.; Savannah, Ga.; and Gretna, La., to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La. Cottonseed oils. 59,118–122; renewed Jan. 1, 1927.
Southern Cotton Oil Company, The, New York, N. Y.; Jersey City, N. J.; Savannah, Ga.; and Gretna, La., to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La. Cottonseed oils. 61,822; renewed Apr. 9, 1927.
Southern Cotton Oil Company, The, New York, N. Y.; Jersey City, N. J.; Savannah, Ga.; and Gretna, La., to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La. Cottonseed oils. 61,849; renewed Apr. 9, 1927.
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga.; and Gretna, La., to The Southern Cotton Oil Company, Bayonne, N. J., and New Orleans, La. Cottonseed oils. 62,273; renewed Apr. 30, 1927.
Southern Cross Fruit Co., Johnstown and New York, N. Y., and San Juan, P. R., assignor, by mesne assignments, to Hazelton S. Avery, San Juan, P. R. Certain named fruits. 53,470–1; renewed June 5, 1926.
Southern Fruit Producers, Monot, N. Dak. Fresh grapefruit. 224,787; Mar. 1.
Spalding, A. G., & Bros., Jersey City, N. J., and New York, N. Y. Elastic bandages, supporters, and suspensories. 62,632; renewed May 21, 1927.
Spalding, A. G., and Bros., Jersey City, N. J., and New York, N. Y. Knit goods. 62,670; renewed May 21, 1927.
Spencer Turbine Company, The. (See Organ Power Corporation, The, assignor.)
Spencerian Pen Company, The, New York, N. Y. Writing pens of all kinds. 224,642; Mar. 1; Serial No. 238,678; published Dec. 7, 1926.
Squires, Harry L., Morgan City, La., to Harry Lysle Squires, New Orleans, La. Insect poison. 63,052; renewed July 2, 1927.
Standard Chain Company, Pittsburgh, Pa., assignor to American Chain Company, Inc., Bridgeport, Conn. Chain and chain links. 58,223; renewed Dec. 11, 1926.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils. 224,699; Mar. 1; Serial No. 239,433; published Dec. 14, 1926.
Standard Varnish Works, New York, N. Y. Varnishes, japans, and enamels. 63,147; renewed June 11, 1927.
Stanley Fruit Company, Phoenix, Ariz. Cantaloupes and honey dew melons in their natural state. 224,768; Mar. 1.
Star Products and Machine Company, The, Cleveland, Ohio. Automobile replacement parts. 224,560; Mar. 1; Serial No. 215,826; published Dec. 14, 1926.
Stark, Paul & Lloyd, Orchards, Louisiana, Mo. Apples in their natural state. 224,718; Mar. 1; Serial No. 238,815; published Dec. 14, 1926.
Stärker, Hermann, Chemnitz, Germany, and New York, N. Y., to Hermann Starker Aktiengesellschaft, Chemnitz, Germany, successor. Hosiery. 61,178; renewed Mar. 5, 1927.
Starr Piano Company, The. (See Richmond Piano Co., assignor.)
Starr Piano Company, The, Richmond, Ind. Pianos. 60,204; renewed Jan. 29, 1927.
Sterns, Frederick, & Company, Detroit, Mich. Toilet preparations. 62,616; renewed May 14, 1927.
Stirn, L. & E., New York, N. Y. Ribbons. 63,109–10; renewed June 4, 1927.
Stirn, L. & E., New York, N. Y. Silk piece goods. 224,740; Mar. 1; Serial No. 236,511; published Dec. 14, 1926.
Stonekirk Worsted Co. (See Rittenberg Bros.)
Strickler, Samuel K., Middlburg, Pa. Food for poultry. 58,903; renewed Dec. 25, 1926.
Stringer, Hannah, assignor, by mesne assignments, to Joseph Ushkow, doing business as Montauk Distributing Co., and under the name and style of The Montauk Pharmacal Co., New York, N. Y. Remedies for diseases of the throat, lungs, and bronchial organs. 48,558; renewed Jan. 2, 1926.
Strobeck, G. A., Red Lion, Pa. Cigars. 224,698; Mar. 1; Serial No. 239,484; published Dec. 14, 1926.
Sudbeaz, Joseph, Mount Vernon, N. Y. Medicinal preparations. 224,531; Mar. 1; Serial No. 237,992; published Dec. 7, 1926.
Sunlight Paint Products. (See Elfenbein, Al S.)
Superior Athletic Underwear Company, The, Piqua, Ohio. Pyjamas. 224,580–1; Mar. 1; Serial Nos. 239,004–5; published Dec. 14, 1926.
Taylor, C. A., Trunk Works, Chicago, Ill. Trunks made in part of wood. 59,599; renewed Jan. 15, 1927.
Taylor, Walter, doing business as The Taylor Company, Hammondsport and Rheims, N. Y. Wines. 224,763; Mar. 1.
Texas Star Flour Mills Galveston, Tex. Wheat flour, corn products. 224,665; Mar. 1; Serial No. 235,184; published Dec. 7, 1926.
Tonk Bros. Company, Chicago, Ill. Fretted stringed musical instruments. 24,460; Mar. 1; Serial No. 227,541; published Dec. 14, 1926.
Trans Lux Daylight Picture Screen Corporation, New York, N. Y. Machines for the reproduction by projection on a screen of letters, words, etc., produced by any type of printing machine. 224,483; Mar. 1; Serial No. 226,791; published Dec. 14, 1926.
Tulare County Lemon & Grapefruit Association, Porterville, Calif. Fresh citrous fruits. 224,610; Mar. 1; Serial No. 239,154; published Dec. 14, 1926.
2 in 1-Shinola-Bixby Corporation. (See Dalley, F. F., Co. of, Hamilton, Limited, assignor.)
Tyler Manufacturing Company, The, Muncie, Ind. Pan lifters. 224,520; Mar. 1; Serial No. 238,148; published Dec. 14, 1926.
Udylite Process Company, Kokomo, Ind. Cadmium plating, anodes, and anode supports. 224,679; Mar. 1; Serial No. 238,958; published Dec. 14, 1926.
Ultralac Products Co., Washington, D. C. Lacquers and varnishes. 224,705; Mar. 1; Serial No. 238,349; published Dec. 7, 1926.
Union Bag & Paper Company, The, New York, N. Y., assignor to Union Bag & Paper Corporation, Jersey City, N. J., and New York, N. Y. Wrapping paper, paperboards, and paper bags. 61,120–1; renewed Mar. 5, 1927.
Union Talc Company of Gouverneur, New York and Gouverneur, N. Y. Pulp. 224,442; Mar. 1; Serial No. 237,519; published Nov. 16, 1926.
Unisite Lens Company, Inc., New York, N. Y. Ophthalmic lenses and blanks. 224,762; Mar. 1; Serial No. 236,785; published Dec. 7, 1926.
United Coffee Corp., San Francisco, Calif. Tea. 224,435; Mar. 1; Serial No. 237,882; published Dec. 7, 1926.
United Hardware & Tool Corporation, New York, N. Y. Doorchecks. 224,648; Mar. 1; Serial No. 238,537; published Dec. 14, 1926.
United Paper Corporation, Menasha, Wis. Toilet tissue. 224,625; Mar. 1; Serial No. 238,197; published Dec. 7, 1926.
U. S. Aseptic Supply Service, Inc., The, New York, N. Y. Absorbent cotton, gauze, and sanitary napkins. 224,447; Mar. 1; Serial No. 237,428; published Dec. 14, 1926.
United States Graphite Company, The, to The United States Graphite Co., Saginaw, Mich. Lubricating oils. 59,505; renewed Jan. 8, 1927.
United States Graphite Co., The, Saginaw, Mich. Certain minerals. 50,319; renewed Feb. 5, 1927.
United States Gutta Percha Paint Company, Providence, R. I. Enamel in the nature of paint. 224,750; Mar. 1; Serial No. 222,148; published Dec. 14, 1926.
U. S. Industrial Alcohol Co., New York, N. Y. Denatured alcohol. 61,270; renewed Mar. 12, 1927.
United States Rubber Company. (See I. X. L. Steam Packing Manufacturing Co., assignor.)
Universal Cable Grip Company, Skaneateles, N. Y. Metal grips for cables, etc. 61,329; Mar. 12, 1927.
Ushkow, Joseph. (See Stringer, Hannah.)
Uzme, Inc., Denver, Colo. Cleaning compound. 224,454; Mar. 1; Serial No. 237,207; published Dec. 7, 1926.
Van Landingham Co., The, Los Angeles, Calif. Canned fish. 224,706; Mar. 1; Serial No. 236,786; published Dec. 14, 1926.
Vapo-Creolene Company, The, Chatham, N. J., and New York, N. Y. Censers, vaporizers, and volatilizers for medical compounds. 60,048–52; renewed Jan. 22, 1927.
Vegetarian Food and Nut Co., Inc., Washington, D. C. Cheese and peanut-butter sandwiches. 224,741; Mar. 1; Serial No. 236,518; published Nov. 23, 1926.
Viscol Company. (See Somer, Adolph.)
Vollrath Co., The, Sheboygan, Wis. Enameled steel solution bowls, feeding cups, hospital cups, irrigators, etc. 224,778; Mar. 1.
Wall, O. L. (See Brown, William S., assignor.)
Want, A. E., & Co., Fort Worth, Tex. Canned tomatoes. 224,471; Mar. 1; Serial No. 232,439; published Dec. 14, 1926.
Warden & Oxnard, Pittsburgh, Pa. Illuminating oils. 58,385; renewed Dec. 11, 1926.
Warford Corporation, The, New York, N. Y. Rear chassis unit for trucks. 224,505; Mar. 1; Serial No. 239,688; published Dec. 14, 1926.
Warner Brothers Company, The, Bridgeport, Conn. Women's underclothing. 224,451; Mar. 1; Serial No. 237,346; published Dec. 7, 1926.

Warren Featherbone Co., The, assignor to Warren Featherbone Company, Three Oaks, Mich. Stiffening cords, blades, tapes, and fabrics. 60,338; renewed Feb. 5, 1927.
Washburn Company, The, Worcester, Mass. Bit braces, cake turners, can openers, etc. 224,742; Mar. 1; Serial No. 236,576; published Dec. 7, 1926.
Washington Extract Co., Lewiston, Me., assignor to Washington Extract Company. Beverages, sirups, and extracts for making the same. 224,638; Mar. 1; Serial No. 238,294; published Dec. 14, 1926.
Weber Costello Co., Chicago, Ill. Blackboards. 224,779; Mar. 1.
Weinshenker, Israel, New York, N. Y. Preparation adapted for external application to the skin. 224,726; Mar. 1; Serial No. 238,470; published Dec. 7, 1926.
Wenatchee Bottling Works, Wenatchee, Wash. Beverages sold as soft drinks and sirups for making the same. 224,459; Mar. 1; Serial No. 228,630; published Nov. 30, 1926.
Werner Industries Company, The. (See Auto-Grand Piano Co., The, assignor.)
Westchester Bottling Works, New Rochelle, N. Y. Beverages. 224,647; Mar. 1; Serial No. 238,539; published Dec. 7, 1926.
Western Electric Company, Incorporated, New York, N. Y. Metallic alloy. 224,452; Mar. 1; Serial No. 237,300; published Dec. 7, 1926.
Western Meat Company, South San Francisco, Calif. Liquid shampoo. 224,440; Mar. 1; Serial No. 237,636; published Dec. 7, 1926.
Westinghouse Lamp Company. (See Franklin Electric Mfg. Co., assignor.)
Wheary Trunk Company, Racine, Wis. Wardrobe trunks and cases. 224,519; Mar. 1; Serial No. 238,146; published Dec. 14, 1926.
Wheeler Varnish Works. (See Noake-Wheeler-Clough Company, assignor.)
Wheeling Corrugating Company, Wheeling, W. Va. Roofing tin and galvanized steel sheets. 224,669; Mar. 1; Serial No. 234,937; published Dec. 7, 1926.
Wiard Plow Company, Batavia, N. Y. Plows. 63,301; renewed June 11, 1927.
Williamson & Beisler, Gainesville, Fla. Ready-mixed paints and varnish. 224,541; Mar. 1; Serial No. 236,072; published Nov. 30, 1926.
Williamson Candy Company, Chicago, Ill. Candy confection. 224,744; Mar. 1; Serial No. 236,668; published Dec. 14, 1926.
Wilson & Co. Inc. (See Schwarzschild and Sulzberger Company.)
Wilson Oil Corporation, New York, N. Y. Motor oils and greases. 224,579; Mar. 1; Serial No. 239,007; published Dec. 14, 1926.
Wireless Radio Corporation, Brooklyn, N. Y. Variable condensers. 224,523; Mar. 1; Serial No. 238,098; published Dec. 7, 1926.
Wisconsin Milling Company, Menomonie, Wis. Wheat flour. 224,733; Mar. 1; Serial No. 216,860; published Sept. 22, 1925.
Wisconsin Paint Mfg. Company, Inc., Milwaukee, Wis. Paints and varnishes. 224,544; Mar. 1; Serial No. 235,505; published Dec. 7, 1926.
Wolf, Louis, & Co. Inc., New York, N. Y. Dolls. 224,697; Mar. 1; Serial No. 239,450; published Dec. 14, 1926.
Wolfe, Udolpho, New York, N. Y., assignor to Naamlooze Vennootschap Handelsvereeniging Udolpho Wolfe Company, Rotterdam, Holland. Aromatic Schiedam schnapps. 59,816; renewed Jan. 15, 1927.
Wo-Ness Laboratory, Los Angeles, Calif. Vaginal douche powder. 224,685; Mar. 1; Serial No. 239,554; published Dec. 14, 1926.
Woolson Spice Company, The, Toledo, Ohio. Coffee. 62,823-4; renewed May 28, 1927.
Woolson Spice Company, The, Toledo, Ohio. Spices. 224,518; Mar. 1; Serial No. 238,147; published Nov. 30, 1926.
Yarbrough & Bellinger Co. to The Yarbrough & Bellinger Corp., Charlotte, N. C. Coal. 58,849; renewed Dec. 25, 1926.
Young, J. S., Company, The. (See MacAndrews & Forbes Company, assignor.)

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Aer-Pruf Manufacturing Company, Inc., Mitchell, S. Dak. Aer-Pruf. For Aer-Pruf. 31,698; Mar. 1.
American Novelty Works, Herndon, Pa. Star Building Blocks. For Building Blocks. 31,699; Mar. 1.
Barker, Moore & Mein Medicine Co., Inc., The, Philadelphia, Pa. Barker's Poultry Tape Worm Remover. For Poultry Tapeworm Remover. 31,700; Mar. 1.
Barker, Moore & Mein Medicine Co., Inc., The, Philadelphia, Pa. Barker's Chick Diarrhoea Remedy. For Chick Diarrhea Remedy. 31,701; Mar. 1.
Barker, Moore & Mein Medicine Co., Inc., The, Philadelphia, Pa. Barker's Poultry Worm Oil. For Poultry Worm Oil. 31,702; Mar. 1.
Brandt, Albert, Trenton, N. J. Mil-Ben Ointment. For Ointment. 31,703; Mar. 1.
Brooks, Cary G., doing business as Fruit-O-Products Co., Indianapolis, Ind. Fruit-O. For a Soft Drink Compounded of Fruit Extractions and Granulated Sugar in Concentrated Dry Form. 31,704; Mar. 1.
California Wine Grape Products, Inc., San Francisco, Calif. Calport. For Wine Grape Tonic. 31,705; Mar. 1.
Chase Brass Companies, Inc., The. (See Hungerford, U. T., Brass & Copper Co., assignor.)
Chemical Lime Company, Bellefonte, Pa. Kno Kore. For Lime Products. 31,706; Mar. 1.
Clopin Company, Poughkeepsie, N. Y. Clopin. For a Cod-Liver-Oil Powder. 31,707; Mar. 1.
Erwin, A. C., Hope, Ark. I am No Road Are You I Give Half. For Signs. 31,708; Mar. 1.
Essex Chemical Co., Danvers, Mass. Stadown. For Leather-Finishing Compound. 31,709; Mar. 1.
Ever Fresh Butter Corporation, New York, N. Y. Ever Fresh Butter. For Butter. 31,710; Mar. 1.
Floriana Candy Company. (See Thomson, Florence A.)
Fritsch, Lewis A., Cincinnati, Ohio. He-Man. For Suspensory Bandages. 31,711; Mar. 1.
Fruit-O-Products Co. (See Brooks, Cary G.)
General Commission Co., Kansas City, Mo. Reddie. For Chick Mash. 31,712; Mar. 1.
Gerard, R. L., Lodi, Calif. Duck. For Fresh Cherries. 31,713; Mar. 1.
Gray-Von Allmen Sanitary Milk Company, Inc., Louisville, Ky. Extra Quality Swiss Brand. For Creamery Butter. 31,714; Mar. 1.
Heintz, Merkle & Co. (Inc.), Philadelphia, Pa. Taste-Tells Minced Banbury 'Fruit-Oh!' For Minced Fruits. 31,715; Mar. 1.
Heller, B., & Company, Chicago, Ill. Jell-Jell. For a Gelatin Powder. 31,716; Mar. 1.
Hungerford, U. T., Brass & Copper Co., assignor to The Chase Brass Companies, Inc., New York, N. Y. Star Brand Copper Tacks. For Copper Tacks. 31,717; Mar. 1.
International Company, The, Baltimore, Md. Velvet. For Minted Lime. 31,718; Mar. 1.
K. O. Supply Company, Inc., Portland, Oreg. K. O. For Dog Biscuits. 31,719; Mar. 1.
Little, A. P., Inc., Rochester, N. Y. A. P. Little Inc. Quality Carbon Paper. For Carbon Paper. 31,720; Mar. 1.
Long, Dennis B., Battle Creek, Mich. Long's Nox-Pane Tablets. For Tablets for the Relief of Pain. 31,721; Mar. 1.
Mainzer, Adolf J., Inc., Long Island City, N. Y. Jell-It. For Gelatin Desserts. 31,722; Mar. 1.
Markarian Fig Gardens, Fresno, Calif. Markarians Golden Figs. For Figs. 31,723; Mar. 1.
McKeon Canning Company, Inc., Burbank, Calif. McKeons. For Canned Peaches. 31,724; Mar. 1.
Miller Peanut Products Co., Detroit, Mich. Player Salted Peanuts. For Salted Peanuts. 31,725 Mar. 1.
Murray, Chas. D., doing business as "Murray's Superior Products Co.", Chicago, Ill. Murray's Superior Hair Dressing Pomade. For Hair Pomades and Hairdressings Generally. 31,726; Mar. 1.
National Tea Co., Chicago, Ill. National's Best Cocoanut Cookies. For Cookies. 31,727; Mar. 1.
National Tea Co., Chicago, Ill. National's Best Lemon Cookies. For Cookies. 31,728; Mar. 1.
National Tea Co., Chicago, Ill. National's Best Sugar Cookies. For Cookies. 31,729; Mar. 1.
National Tea Co., Chicago, Ill. National's Best Fruit Cookies. For Cookies. 31,730; Mar. 1.
National Tea Co., Chicago, Ill. National Brand Mustard. For Mustard. 31,731; Mar. 1.
Niles, William H., Kingston, N. Y. Niles Dressing for Diabetics. For an Adjuvant. 31,732; Mar. 1.
Research Club, Inc., Chicago, Ill. Diamond Lustre Polish. For a Polish for Enamel or Varnished Surfaces. 31,733; Mar. 1.
Santiago Orange Growers Association, Orange, Calif. Rooster. For Oranges. 31,734; Mar. 1.
Sherman, Sol, New York, N. Y. Fitz-U. For Bow Ties. 31,735; Mar. 1.
Thomson, Florence A., doing business as Floriana Candy Company, Philadelphia, Pa. Yankee Doodle Dandy Candy. For Candy. 31,736; Mar. 1.
Varsin Co., Wheeling, W. Va. Varsin Cold Caps. For Cold Capsules. 31,737; Mar. 1.
Wegner, E., & Sons, Brooklyn, N. Y. Won't Freeze. For an Antifreeze Compound for Gasoline Motors. 31,738; Mar. 1.
Wogoman, Verbin C., doing business as Wogoman Paint & Varnish Co., Los Angeles, Calif. The J. W. P. For Rubber Auto Enamel. 31,739; Mar. 1.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Belle Neckwear Company, New York, N. Y. Oxford Aristocrat Of Bows a Page From Fashion's Hand-Book. For Men's Bow Ties. 9,537; Mar. 1.
Boat House Coffee Company, The, Cincinnati, Ohio. Cincy's Favorite Drink—Boat House Coffee. For Coffee. 9,538; Mar. 1.
Bosco, George B., Chicago, Ill. Play Checker Football. For Games. 9,539; Mar. 1.
Brach, E. J., & Sons, Chicago, Ill. Made up to a Standard, Not Down to a Price. For Candies. 9,540; Mar. 1.
Brandt, Albert, Trenton, N. J. Mil-Ben Ointment. For Ointment. 9,541; Mar. 1.
Chevoy Sales Co. (See Root, George W.)
Coca-Cola Company, Atlanta, Ga. Tastes Good!—With a Sandwich. For Coca-Cola. 9,542; Mar. 1.
Coca-Cola Company, Atlanta, Ga. Ice Cold Coca-Cola Sold Here. For Coca-Cola. 9,543; Mar. 1.
Coca-Cola Company, Atlanta, Ga. Drink Coca-Cola Delicious and Refreshing. For Coca-Cola. 9,544-5; Mar. 1.
Cream of Wheat Co., Minneapolis, Minn. Why Specialists use it in Cereal Feeding. For Wheat Breakfast Food. 9,546; Mar. 1.
Douglas-Pectin Corp., Rochester, N. Y. Make Some Delicious Pineapple Jam Today. For Certo. 9,547; Mar. 1.
Douglas-Pectin Corp., Rochester, N. Y. Treat The Family to Some Delicious Grape Jelly Today. For Certo. 9,548; Mar. 1.
Douglas-Pectin Corp., Rochester, N. Y. Certo for Making Perfect Jams, Jellies & Marmalades. For Certo. 9,549; Mar. 1.
Douglas-Pectin Corp., Rochester, N. Y. Certo for Making Perfect Jams & Jellies. For Certo. 9,550; Mar. 1.
Douglas-Pectin Corp., Rochester, N. Y. Certo for Making Jams & Jellies With Only 1 Minute's Boiling. For Certo. 9,551; Mar. 1.
Douglas-Pectin Corp., Rochester, N. Y. Saves The Fresh Fruit Flavor & Color. For Certo. 9,552; Mar. 1.
Ellingson, Louis, doing business as North American Tent and Awning Company, Chicago, Ill. Awnings of Exceptional Excellence. For Awnings, Tents, Canopies, Etc. 9,553; Mar. 1.
General Laboratories, Madison, Wis. Chart No. 999 Directions for Beverage Bottlers—Water Bottlers, Soda Fountains—Soft Drink Stands, Restaurants—Kitchens. For Sodium Hypochlorite Fluid. 9,554; Mar. 1.
Harpham Brothers Company, Lincoln, Nebr. Golden Giant. For Gloves and Mittens. 9,555; Mar. 1.
Hudson Bay Fur Co., Inc., Seattle, Wash. Furs of Quality. For Furs and Fur Goods. 9,556; Mar. 1.
Indiana Lamp Corporation, Connersville, Ind. Unlike any Other Headlight! For Automobile Lamps. 9,557; Mar. 1.
Indiana Lamp Corporation, Connersville, Ind. The Sensation of the Shows! For Automobile Lamps. 9,558; Mar. 1.
North American Tent And Awning Company. (See Ellingson, Louis.)
Reid, Murdoch & Co., Chicago, Ill. Monarch. For Food Products. 9,559; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. No Other Cigarette Ever Had so Many Millions of Friends. For Cigarettes. 9,560; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. A Smoking Pleasure That Never Fails. For Cigarettes. 9,561; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. It's Mighty Easy to Like The Best. For Cigarettes. 9,562; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Camel Attracts The Quality Smoker. For Cigarettes. 9,563; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. 'Speaking of Fine Tobaccos—Have a Camel!' For Cigarettes. 9,564; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. You Are an Experienced Smoker And You Know Your Brand! For Cigarettes. 9,565; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A. Revises All Your Pipe-Ideas. For Tobacco. 9,566; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Prince Albert is Surely One Grand and Glorious Smoke. For Tobacco. 9,567; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. We've Come a Long Way Together. For Tobacco. 9,568; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. I'd Like to Make a Friendly Wager. For Tobacco. 9,569; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. When The Thanksgiving Feast is Spread—And Gay Friends Gather—When You're Joyously Thankful For Another Year of Health and Plenty—Have a Camel! For Cigarettes. 9,570; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. I take my Tobacco Seriously. For Tobacco. 9,571; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. The First Fragrant Whiff Won Me! For Tobacco. 9,572; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. When The Tree is Trimmed for The Great Day—When The Peace and Good Cheer of Christmas are Almost Here—Have a Camel! For Cigarettes. 9,573; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. For Every Pipe-Smoker on Your List. For Tobacco. 9,574; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A. Says 'Merry Christmas' in Capital Letters. For Tobacco. 9,575; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. The World's Favorite Smoke-Words "Have A Camel." For Cigarettes. 9,576; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. "Have a Camel" is Music to your Ears. For Cigarettes. 9,577; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. 'Have a Camel' Invites you to the World's most Popular Smoke. For Cigarettes. 9,578; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. 'Have a Camel' an Invitation to Contentment. For Cigarettes. 9,579; Mar. 1.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. What More could a Fellow Ask? For Tobacco. 9,580; Mar. 1.
Root, George W., doing business as Chevoy Sales Co., Toledo, Ohio. Drink Orange Juice every Day at Orange Mill Stands. For Orange Juice. 9,581; Mar. 1.
Simpson, A. A., San Antonio, Tex. Good Luck Stores Inc. For Groceries. 9,582; Mar. 1.
Smith, J. Hungerford, Co., Rochester, N. Y. The Fruits and Flavors Used at This Fountain. For Soda-Fountain Supplies. 9,583; Mar. 1.
Smith, J. Hungerford, Co., Rochester, N. Y. Drink Rochester Root Beer. For Root Beer. 9,584; Mar. 1.
Spark-Lin-Ale, Inc., New York, N. Y. Spark-Lin-Ale. For Ginger Ale. 9,585; Mar. 1.
Thorens Inc., New York, N. Y. Thorens Inc. For Cigar Lighters. 9,586; Mar. 1.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A-B Stove Company, Battle Creek, Mich. Combined coal and gas ranges. 242,266; Mar. 1.
Aceda Company, The, San Francisco, Calif. Beverages. 238,563; Mar. 1.
Albersheim, Dr. M., Frankfort-on-the-Main, Germany. Perfumery, skin cream, tooth paste. 241,852; Mar. 1.
Ambalov, Alex. E., Seattle, Wash. Educational chart in the form of phonographic records. 226,120; Mar. 1.
American Chicle Company, Long Island City, N. Y. Chewing gum. 236,980; Mar. 1.
American Chicle Company, Long Island City, N. Y. Chewing gum. 238,564; Mar. 1.
American Chicle Company, Long Island City, N. Y. Chewing gum. 238,887; Mar. 1.
American Mechanical Laboratories, Inc., Brooklyn, N. Y. Fixed and variable resistors for electrical purposes. 238,001; Mar. 1.
American News Company, Inc., The, New York, N. Y. Magazines. 240,334; Mar. 1.
American Yeast Gum Company, The, Cleveland, Ohio. Chewing gum. 240,940; Mar. 1.
Angleton Fig Company, Angleton, Tex. Confection—namely, candied figs. 242,701; Mar. 1.
Arco Battery & Plate Co., Fort Wayne, Ind. Battery plates and ignition storage batteries. 234,688; Mar. 1.
Askin, Sara, doing business as Budlax Manufacturing Company, Philadelphia, Pa. Laxative preparation. 239,788; Mar. 1.
Associated Silver Company, Chicago, Ill. Silver-plated knives. 241,689; Mar. 1.
Baker, Charles F., & Co. Inc., Boston, Mass. Shoe nails. 242,165; Mar. 1.
Bandler, Ernest, New York, N. Y. Leather slippers. 241,312; Mar. 1.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Bank Credits Title Company, Los Angeles, Calif. Bank coupons. 241,313; Mar. 1.
Barbaro, Frank S., Springfield, Ill. Candy sucker. 235,722; Mar. 1.
Barbey, Emilie, Paris, France. Preparation for the hair. 242,517; Mar. 1.
Bear Brand Hosiery Co., Chicago, Ill. Textile articles—namely, hosiery. 242,518; Mar. 1.
Belmont Gardens. (See Lenk, Walter E.)
Bendo Manufacturing Co. (See De Benedictis, Kathryn M.)
Bernard Rice's Sons, Inc., New York, N. Y. Silver hollow ware. 241,677; Mar. 1.
Better Tires Company, The, Chicago, Ill. Automobile body polish. 235,024; Mar. 1.
Bissell Carpet Sweeper Company, Grand Rapids, Mich. Mechanical carpet sweepers. 242,274; Mar. 1.
Blackburn, J. O., doing business as The Blackburn Packers, Lovelock, Nev. General cleanser for household and garage use. 240,521; Mar. 1.
Blake, Anna M., doing business as Healoderm Laboratories, Fayetteville, N. C. Face powders, creams, and packs, toilet waters, rouges, lip sticks, etc. 238,837; Mar. 1.
Blickman, S., Inc., Weehawken, N. J. Exercising devices. 240,522; Mar. 1.
Bloodworth, Julian F., doing business as Sherro Company, Lewiston, Ga. Beverage sold as a soft drink. 238,769; Mar. 1.
Blue Bird Tube Co. (See Chirls, Ben.)
Bray Productions, Inc., The, New York, N. Y. Moving-picture films. 241,315; Mar. 1.
Brittains, Limited, Cheddleton, near Leek, England. Tissue paper. 241,560; Mar. 1.
Brown, Edward W., Co., assignor to Martin Camm Co., San Francisco, Calif. Canned fruits, vegetables, fruit preserves, apple butter, etc. 211,015; Mar. 1.
Brown, Robert W., Norfolk, Va. Indigestion cure. 241,692; Mar. 1.
Bruner, S., Inc., New York, N. Y. Watchcases and watches. 239,083–6; Mar. 1.
Buck, Ollie H., Kokomo, Ind. Fence stays. 227,713; Mar. 1.
Budlax Manufacturing Company. (See Askin, Sara.)
Build A Home First Bureau. (See Ennis, Erwin.)
Bullock's, Los Angeles, Calif. Candy. 223,460; Mar. 1.
Capitol Paint & Varnish Works, Inc., Brooklyn, N. Y. Paint and paint enamel. 238,045; Mar. 1.
Carbon Fuel Company, The, Cincinnati, Ohio. Coal. 239,089; Mar. 1.
Central Laboratories Co., Wheeling, W. Va. Tire-preservative coatings, automobile body and furniture polish. 218,612; Mar. 1.
Champion Hardware Company, The, Geneva, Ohio. Barn-door catches, chain bolts, foot bolts, sash fasteners, locks, etc. 205,392; Mar. 1.
Chattanooga Medicine Company, The, Chattanooga, Tenn. Medicine for female diseases. 242,279; Mar. 1.
Chicago Flexible Shaft Company, Chicago, Ill. Electric flatirons. 242,085; Mar. 1.
Chicago Flexible Shaft Company, Chicago, Ill. Electric flatirons. 242,089–90; Mar. 1.
Chicago Macaroni Co., Chicago, Ill. Alimentary products. 241,986; Mar. 1.
Chirls, Ben., doing business as Blue Bird Tube Co., New York, N. Y. Electron (vacuum) tubes. 230,872; Mar. 1.
Clark, F. H. W., doing business as Owl Advertising Agency, New York, N. Y. Printed matter. 239,260; Mar. 1.
Clear-O-White Laboratories Inc., Long Island City, N. Y. Bleaching preparation for the skin. 184,598; Mar. 1.
Clifford Manufacturing Co., Boston and South Boston, Mass. Metallic bellows for temperature and pressure controlled apparatus, pumps, etc. 241,987; Mar. 1.
Colgate & Company, Jersey City, N. J. Perfumes, toilet waters, talc and face powder, cold creams, etc. 240,533; Mar. 1.
Collins, James T., South Bend, Ind. Pile and erysipelas relief. 241,870; Mar. 1.
Colton & Bernie, Inc., New York, N. Y. Knit goods—namely, hosiery and underwear. 242,708; Mar. 1.
Connecticut Telephone & Electric Company, Incorporated, The, Meriden, Conn. Electric insulating compound. 240,699; Mar. 1.
Continental Bank-Supply Company, Mexico, Mo. Bank supplies, pass books, check books, etc. 219,060; Mar. 1.
Coxon Corporation, San Francisco, Calif. Candy bars. 223,371; Mar. 1.
De Benedictis, Kathryn M., doing business as Bendo Manufacturing Co., San Jose, Calif. Cleaning and polishing compound for furniture, all interior woodwork, and linoleum. 241,203; Mar. 1.
Direct Selling Company of America, Chicago, Ill. Fire-extinguishing apparatus. 241,812; Mar. 1.
Domenice, George M., New York, N. Y. Toilet creams and powders, shampoos, depilatory preparations, etc. 218,395; Mar. 1.
Driver-Harris Company, Harrison, N. J. Resistance wire, ribbon, strips, and rods. 241,876; Mar. 1.
Eisenberg & Anderson, New York, N. Y. Coats, vests, trousers, etc., for men and young men. 233,537; Mar. 1.
Elsinore Perfume Company, Brooklyn, N. Y. Deodorant spray. 241,708; Mar. 1.
Ennis, Erwin, doing business as Build A Home First Bureau, Newark, N. J. Publication. 241,205; Mar. 1.
Enzo Jel Company, Sheboygan, Wis. Jelly powders. 241,147; Mar. 1.
Everett Norfolk Company, Lebanon, N. H. Woolen piece goods. 240,906; Mar. 1.
Everhot Heater Company, Detroit, Mich. Room-heating radiator using oil or gas. 234,666; Mar. 1.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Rubber cement. 241,816; Mar. 1.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Tire patches, tube patches, tire-repair kits, etc. 242,148; Mar. 1.
Forbes Bros. Tea & Spice Co., St. Louis, Mo. Tea, cocoa, spices, canned fruits, etc. 236,475–7; Mar. 1.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 242,421; Mar. 1.
French, R. T., Company, The, Rochester, N. Y. Mustard. 239,978; Mar. 1.
Friedel, J. F., Paper Box Co., Syracuse, N. Y. Mothproof wardrobes, cabinets, and chests. 238,961; Mar. 1.
Garford Motor Truck Co., The, Lima, Ohio. Motor busses. 229,439; Mar. 1.
Gebrüder Thiel Gesellschaft mit beschrankter Haftung, Ruhla, Thuringia, Germany. Watches and parts thereof. 241,336; Mar. 1.
General Motors Corporation, Detroit, Mich. Automobiles. 242,371; Mar. 1.
Gerard, Roger, New York, N. Y. Olive oil. 241,527; Mar. 1.
Gordon, Wolf, Cowen Co. Inc., New York, N. Y. Fig candy. 241,616; Mar. 1.
Gradwohl, Rutherford B. H., doing business as Gradwohl Laboratories, St. Louis, Mo. Dehydrated culture media. 241,152; Mar. 1.
Great Atlantic & Pacific Tea Co., The, Jersey City, N. J. Bread. 242,291; Mar. 1.
Gries, Joseph M., Battle Mountain, Nev. Laxtive chewing gum. 242,372; Mar. 1.
Gross, George V., doing business as G. V. Gross Company, New York, N. Y. Chemical compound in solid form used as a disinfectant, cleansing agent, etc. 241,942; Mar. 1.
Guaranteed Machine Company, Seattle, Wash. Wood-working-machinery knives. 243,268; Mar. 1.
Hagerling, F. J., St. Louis, Mo. Boots for the repair of tires. 241,943; Mar. 1.
Hagerling, F. J., St. Louis, Mo. Metal polish. 241,944; Mar. 1.
Hakoach Kosher Food Products Co. Inc., The, Newark, N. J. Salad oil. 240,352; Mar. 1.
Harlan & Williams, Nashville, Tenn. Overalls and work shirts. 242,586; Mar. 1.
Harnisch, F. L., Berlin, Germany. Pharmaceutical preparations, plasters, proprietary and veterinary medicine. 235,472; Mar. 1.
Healoderm Laboratories. (See Blake, Anna M.)
Heat Sealing Kant-Burn Company, Chicago, Ill. Refractory cement. 242,002–3; Mar. 1.
Heller Bros. Co., The, Youngstown, Ohio. Lumber. 241,482; Mar. 1.
Henry-Brown Company, Inc., doing business as C. B. Poar, Glendale, Calif. Beverages. 242,831; Mar. 1.
Hermanson, William A., Boston, Mass. Paper. 242,431; Mar. 1.
Hershey Chocolate Company, Hershey, Pa. Flavoring for ice cream and other foods. 233,075; Mar. 1.
Heyman, Horace W., New York, N. Y. Drain regulator. 237,413; Mar. 1.
Holmes, Woodward, Chicago, Ill. Printed and typed magazine articles and other writings. 241,053; Mar. 1.
Hotel Sherman Co., Chicago, Ill. Ginger ale. 242,832; Mar. 1.
Hudnut, Richard, New York, N. Y. Perfume. 242,337; Mar. 1.
Inderrieden Canning Co., Chicago, Ill. Canned corn, peas, red kidney beans, etc. 238,906; Mar. 1.
International Salt Company, Inc., New York, N. Y. Salt. 240,416; Mar. 1.
Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 242,340; Mar. 1.
Ironsides Company, The, Columbus, Ohio. Lubricating oils and greases and special lubricants. 240,659; Mar. 1.
Jacob, Edward H., doing business as E. H. Jacob, Green Hill Mushroom Farms and Oakbourne Mushroom Farms, West Chester, Pa. Canned mushrooms. 242,131; Mar. 1.
Jessup, Sam. A., doing business as Virginia Pepsi Cola Co., Charlottesville, Va. Beverages. 242,785; Mar. 1.
Johnson, Jas. G., & Co., New York, N. Y. All-silk crepe in the piece. 242,891; Mar. 1.
Junior Candy Company, Milwaukee, Wis. Candy. 236,263; Mar. 1.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Karmen, Bernard H., Honolulu, Hawaii. Coffee. 242,939; Mar. 1.
Keen Kola Manufacturing Company, Dallas, Tex. Beverage. 238,504–6; Mar. 1.
Kobb, Anthony, New York, N. Y. Hosiery. 242,670; Mar. 1.
Lammertz, Leo, Aix-la-Chapelle, Germany. Needles. 240,727; Mar. 1.
Latin, Joseph, doing business as Latin Manufacturing Co., Baltimore, Md. Hair tonic. 241,533; Mar. 1.
Lenk, Walter E., doing business as Belmont Gardens, Belmont, Mass., and East Kingston, N. H. Fertilizer or plant food. 241,059; Mar. 1.
Lepel Ignition Corporation, New York, N. Y. Current converters and interrupters for spark plugs and parts thereof. 241,289; Mar. 1.
Los Angeles Examiner, Los Angeles, Calif. Newspaper column. 237,608–9; Mar. 1.
Loughborough Oil Co. (Inc.), Washington, D. C. Gasoline, lubricants, and fuel oils. 214,372; Mar. 1.
Loxor Radio Corporation, New York, N. Y. Radio receiving sets and parts thereof and loud speakers. 242,063; Mar. 1.
Lyon & Healy, Inc., Chicago, Ill. Musical instruments. 225,616; Mar. 1.
Major Equipment Company, Inc., Chicago, Ill. Theater-lighting equipment and apparatus, etc. 240,423–4; Mar. 1.
Malm Bros. & Co., Lindsborg, Kans. Wall felt. 241,344; Mar. 1.
Marti, Walter, doing business as Walters Manufacturing Company, Montreal, Quebec, Canada. Vinegar. 237,430; Mar. 1.
Martin Camm Co. (See Brown, Edward W., Co., assignor.)
Mason Alfalfa Process Company, Philadelphia, Pa. Hays and ground feeds. 242,388; Mar. 1.
McDavitt, William E., doing business as McDavitt Brothers, Brownsville, Tex. Fresh vegetables. 234,219; Mar. 1.
Meadow Press, Inc., New York, N. Y. Magazine. 240,674; Mar. 1.
Menihan Company, The, Rochester, N. Y. Shoes and pumps. 241,061; Mar. 1.
Meyer & Lange, Inc., New York, N. Y. Canned caviar. 240,825; Mar. 1.
Munsch, Charles M., Portland, Pa., and New York, N. Y. Toilet water. 239,995; Mar. 1.
Niagara Knitting Co., Inc., New York, N. Y. Bathing suits. 242,204; Mar. 1.
Nitragin Company, Inc., The, Milwaukee, Wis. Plant food. 241,832; Mar. 1.
Norwood Autocraft, Inc., New York, N. Y. Portable electric lamps. 235,782; Mar. 1.
Ono Trading Co. (See Tatsukawa, Naosaburo.)
Owl Advertising Agency. (See Clark, F. H. W.)
Oxan, Joses C., Houston, Tex. Medicine put up in liquid form. 240,437; Mar. 1.
Palmer, Homer W., & Company, Chicago, Ill. Drying composition for printing ink. 242,391; Mar. 1.
Parker, Frederick, doing business as Usatex Mfg. Co., Houston, Tex. Mattresses and pillows. 239,486; Mar. 1.
Peck & Peck, New York, N. Y. Hosiery. 242,251; Mar. 1.
Penny, J. C., Company, Wilmington, Del., and New York, N. Y. Toilet and bath soaps. 242,690; Mar. 1.
Pensacola Candy Co., Pensacola, Fla. Candy. 241,900; Mar. 1.
Periometer Co. Inc., The, Long Island City, N. Y. Devices actuated automatically by the gear of vehicles to indicate the route to be taken and to display advertisements. 240,212; Mar. 1.
Perkins Goodwin Company, The, New York, N. Y. Book and printing paper. 242,021; Mar. 1.
Perolin Company of America, The, Chicago, Ill. Boiler compound. 242,253; Mar. 1.
Pilot Electric Manufacturing Co., Inc., Brooklyn, N. Y. Electric controlling devices, particularly reactors applied in radiocircuits. 225,033; Mar. 1.
Pioneer Mills, Guthrie, Okla. Twine and rope. 240,213; Mar. 1.
Poar, Charles B. (See Henry-Brown Company.)
Pollack, Augustus, Estate of, Inc., Wheeling, W. Va. Cigars. 241,524; Mar. 1.
Pyrene Manufacturing Company, Newark, N. J. Acid siphons. 242,797; Mar. 1.
Radio Corporation of America, New York, N. Y. Vacuum tubes and valves. 240,365–6; Mar. 1.
Rasse Wholesale Grocer Co., Fairbury, Nebr. Canned pumpkin, string beans, hominy, etc. 238,742; Mar. 1.
Record-O-Phone Company, Inc., doing business as the Record-O-Phone Sales Company, Washington, D. C. Machines for electrically recording sound on metal, etc. 227,603; Mar. 1.
Research Club, Inc., Chicago, Ill. Polish for metal and compounds for cleaning enameled surfaces and upholstered fabrics. 235,073; Mar. 1.
Reeves & Sons Limited, London, England. Notebooks, chalk holders, and ungraduated wood rulers. 221,772; Mar. 1.
Rhoads, J. E., & Sons, Philadelphia, Pa. Lug straps, loom straps, harness straps, etc. 241,674; Mar. 1.
Rhoads, J. E., & Sons, Philadelphia, Pa. Whole soles, half soles, etc. 241,675; Mar. 1.
Richards, Robert J., doing business as W. M. Watson & Company, Chicago, Ill. Fresh vegetables. 226,374; Mar. 1.
Rio Grande Valley Dairy Association, El Paso, Tex. Ice cream, whipping cream, butter, etc. 242,352; Mar. 1.
Ripstra, John H., Chicago, Ill. Diesinking and metal-working press machinery. 241,242; Mar. 1.
Roth Radio, Inc., New York, N. Y. Radio receiving sets, loud speakers, radio storage and B battery eliminators, etc. 236,775; Mar. 1.
Ruboil Belting Company, Philadelphia, Pa. Belting. 237,247; Mar. 1.
Runckel, Carl F., doing business as Runckel Laboratories, La Crosse, Wis. Toilet preparations and cosmetics. 241,791; Mar. 1.
Salinas Land Company, King City, Calif. Fresh vegetables. 243,286; Mar. 1.
Sanborn-Cutting Company, Astoria, Oreg. Canned vegetables and canned berries. 223,869; Mar. 1.
"Sarotti" Aktiengesellschaft, Berlin-Tempelhof, Germany. Cocoa, pastries, chocolate, confectionery. 232,795; Mar. 1.
Schermerhorn Bros. Co., Chicago, Ill. Twine, rope, string, and cordage. 243,175; Mar. 1.
Schranck, H. C., Company, Milwaukee, Wis. Extracts, sirups, and concentrates for making beverages. 239,899; Mar. 1.
Sherman, John Q., doing business as The Travelsafe Company, Dayton, Ohio. Locks. 242,445; Mar. 1.
Sherro Company. (See Bloodworth, Julian F.)
Sign of the Mermaid, Detroit, Mich. Books, prints—namely old etchings, lithographs, wash drawings, etc. 232,357; Mar. 1.
Skaruda, Ludwig, Riverside, Ill. Hair bands made of celluloid or like material. 241,446; Mar. 1.
Smith, Kline & French Company, Philadelphia, Pa. Medicine for diseases of the nervous system. 241,587; Mar. 1.
South Bend Bait Co., South Bend, Ind. Artificial fishing bait. 241,908; Mar. 1.
Southern Sweet Potato Exchange Incorporated, Sunset, La. Fresh vegetables. 239,152; Mar. 1.
Spencerian Pen Company, The, New York, N. Y. Writing ink. 242,398; Mar. 1.
Standard Cork Insulation Company Limited, now by change of name Standard Cork Company Limited, London, England. Boards for heat-insulating purposes, cork being the predominating material. 213,264; Mar. 1.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils. 239,432; Mar. 1.
Standard Vacuum Cleaner Manufacturing Company, The, Cleveland, Ohio. Electrically-operated suction cleaners. 241,033; Mar. 1.
Stockert & Cie., Pforzheim, Germany, Jewelry. 241,121; Mar. 1.
Stuart, Sebastian, Fish Co., Seattle, Wash. Canned fish. 237,196; Mar. 1.
Tatsukawa, Naosaburo, doing business as Ono Trading Co., San Francisco, Calif. Canned tunny fish. 189,598; Mar. 1.
Tausend, Felix, New York, N. Y. Towels, bedspreads, mats, etc. 241,009; Mar. 1.
Teco Foods, Inc., Cortland, N. Y. Pancake, buckwheat, cake, biscuit, etc., flour. 233,243; Mar. 1.
Tharinger Macaroni Company, Milwaukee, Wis. Alimentary paste products. 239,494; Mar. 1.
Tollner Electric Co. Inc., Brooklyn, N. Y. Electric signal boards, electric bells, etc. 240,044; Mar. 1.
Trambley, Herbert P., San Francisco, Calif. Radio receiving sets. 238,536; Mar. 1.
Travelsafe Company, The. (See Sherman, John Q.)
Travel-Suds Company, Inc., New York, N. Y. Soap. 242,556; Mar. 1.
Turner & Vandam, Inc., New York, N. Y. Cotton, cotton and silk, and cotton and rayon fabrics. 239,869; Mar. 1.
United Engineering & Foundry Company, Pittsburgh, Pa. Publication. 237,004; Mar. 1.
Universal Novelty Distributors. (See Waterson, May.)
Universal Yeast Corporation, Astoria and Brooklyn, N. Y. Yeast. 242,400; Mar. 1.
Usatex Mfg. Co. (See Parker, Frederick.)
Valentin Blats Brewing Company, doing business as Val. Blats Brewing Company, Milwaukee, Wis. Malt sirup. 242,079; Mar. 1.
Vereinigte Farben- & Lackfabriken, Munich, Germany. Water colors of all kinds and colors for ceramic and photographic purposes. 227,048; Mar. 1.
Virginia Harlan Coal Corporation, Pineville, Ky. Coal. 205,500; Mar. 1.
Virginia Pepsi Cola Co. (See Jessup, Sam. A.)
Wall Street Iconoclast, New York, N. Y. Monthly publication. 235,007; Mar. 1.
Walters Manufacturing Company (See Marti, Walter.)

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Waterson, May, doing business as Universal Novelty Distributors, New York, N. Y. Musical instruments and supplies consisting of player-piano rolls, phonograph records, etc. 226,758; Mar. 1.
Watson, W. M., & Company. (See Richards, Robert J.)
Weidlich Sterling Spoon Co., Bridgeport, Conn. Silverware. 224,792; Mar. 1.
Weissman, S., Company, Inc., New York, N. Y. Watches. 241,800; Mar. 1.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Instruments for measuring and recording voltage surges. 240,795; Mar. 1.
Whitehead, Daisy, Knitting Co., New York, N. Y. Hosiery. 242,574; Mar. 1.
Whitted, Edward E., Calexico, Calif. Melons and fresh vegetables. 234,180; Mar. 1.
Williams, R. C., & Co. Inc., New York, N. Y. Canned vegetables. 238,631; Mar. 1.
Wilson-Collier Co. Inc., Boston, Mass. Children's dresses, rompers, and boys' suits. 242,264; Mar. 1.
Wright, John and Edwin, Limited, Birmingham, England. Standard wire cable (not for electrical purposes.) 240,796; Mar. 1.
Yaqui Fruit Co., Los Angeles, Calif., and Sonora, Mexico. Fresh citrous and deciduous fruits, melons, lettuce, tomatoes, peas, etc. 217,127; Mar. 1.
Yvette Co., New York, N. Y. Toilet preparation. 241,976; Mar. 1.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Coal. Yarbrough & Bellinger Co. 58,849; renewed Dec. 25, 1926.
Minerals. United States Graphite Co. 60,319; renewed Feb. 5, 1927.
Pulp. Union Talc Company of Gouverneur. 224,442; Mar. 1; Serial No. 237,519; published Nov. 16, 1926.

CLASS 2.

Cases made of inferior metal for containing vanity compacts. French Beauty Products Co. 224,594; Mar. 1; Serial No. 238,849; published Dec. 14, 1926.
Paper, paperboards, and paper bags, Wrapping. Union Bag & Paper Company. 61,120–1; renewed Mar. 5, 1927.

CLASS 3.

Hatboxes, over-night bags, and suitcases. J. A. Holtzman. 224,631; Mar. 1; Serial No. 238,583; published Dec. 7, 1926.
Purses and hand bags. H. Rubin. 224,530; Mar. 1; Serial No. 238,026; published Dec. 14, 1926.
Trunks. Abel & Bach Company. 224,601; Mar. 1; Serial No. 239,281; published Dec. 14, 1926.
Trunks. C. A. Taylor Trunk Works. 59,599; renewed Jan. 15, 1927.
Trunks and cases, Wardrobe. Wheary Trunk Company. 224,519; Mar. 1; Serial No. 238,146; published Dec. 14, 1926.

CLASS 4.

Antislipping preparation applied to the grip portion of golf clubs, etc. Adelphi Trading Co. 224,517; Mar. 1; Serial No. 238,148; published Nov. 30, 1926.
Chemical preparation, Liquid. H. B. and H. N. Cabot. 63,467; renewed June 25, 1927.
Cleaning compound. Uzme, Inc. 224,454; Mar. 1; Serial No. 237,207; published Dec. 7, 1926.
Cleansing fluid, Dry-. Pacific Chemical Products Company. 224,713; Mar. 1; Serial No. 236,954; published Dec. 7, 1926.
Dyes, finishes, stains, creams for the tanning and shoe industries. North American Anolin Corporation. 224,769; Mar. 1.
Polish paste, Shoe. F. F. Dalley Co. of Hamilton, Limited. 62,509; renewed May 14, 1927.
Polish, Silver. M. Bryant. 224,766; Mar. 1.
Soap. Barclay & Barclay. 61,286; renewed Mar. 12, 1927.
Soap. I. McEwen. 224,760; Mar. 1; Serial No. 236,763; published Dec. 7, 1926.
Soap. Pompeian Mfg. Co. 61,081; renewed Mar. 5, 1927.
Soap, Perfumed. A. & F. Pears Limited. 59,910–11; renewed Jan. 22, 1927.
Soap, Perfumed. A. & F. Pears Limited. 60,057; renewed Jan. 29, 1927.
Soap, Pine-tar. Beaver Soap Company. 224,767; Mar. 1.
Soap powder. Cudahy Packing Company. 59,183; renewed Jan. 1, 1927.
Soaps. National Soap Co. 224,735; Mar. 1; Serial 224,344; published Nov. 30, 1926.
Soaps. Parfumerie Roger et Gallet. 224,433; Mar. 1; Serial No. 237,872; published Dec. 7, 1926.
Soaps. Parfumerie Roger et Gallet. 224,434; Mar. 1; Serial No. 237,874; published Dec. 7, 1926.
Soaps. Toilet and shaving. Palmolive Company. 224,703; Mar. 1; Serial No. 219,840; published Dec. 7, 1926.

CLASS 5.

Paste, Cold-water. Kneffer-Bates Manufacturing Company. 224,446; Mar. 1; Serial No. 237,459; published Dec. 7, 1926.

CLASS 6.

Alcohol, Denatured. U. S. Industrial Alcohol Co. 61,270; renewed Mar. 12, 1927.
Ammonia, blue, bluing, gloss starch, etc. Sherer-Gillett Company. 62,915; renewed May 28, 1927.
Ammonium o-lodoxy benzoate. Abbott Laboratories. 224,691; Mar. 1; Serial No. 239,500; published Dec. 14, 1926.
Analgesic and uric-acid eliminant. H. K. Mulford Company. 224,598; Mar. 1; Serial No. 239,310; published Dec. 7, 1926.
Aromatic Schiedam schnapps. U. Wolfe. 59,816; renewed Jan. 15, 1927.
Astringent, Mucous. Rio Chemical Co. 63,012; renewed June 4, 1927.
Bleach for household and laundry use, Liquid. Pacific Chemical Products Company. 224,774; Mar. 1.
Chemical compound, Liquid. E. D. Murray. 224,489; Mar. 1; Serial No. 237,974; published Dec. 7, 1926.
Chemicals—radiator compound. O. K. Bachmann. 224,615; Mar. 1; Serial No. 239,079; published Dec. 7, 1926.
Coloring, Butter. A. F. Files. 224,513; Mar. 1; Serial No. 233,365; published Sept. 21, 1926.
Cough remedy. M. Friedlander. 224,540; Mar. 1; Serial No. 236,084; published Dec. 14, 1926.
Cream, Face. Floreine Benedictine Perfumery Co. Inc. 224,436; Mar. 1; Serial No. 237,902; published Dec. 7, 1926.
Cream, Face. Opoterapia, Inc. 224,694; Mar. 1; Serial No. 239,485; published Dec. 14, 1926.
Creams, toilet lotions, toilet powders, etc., Toilet. Lucille Buhl, Inc. 224,764; Mar. 1.
Disinfectants, germicides, and sterilizers. Diversey Manufacturing Company. 224,577; Mar. 1; Serial No. 239,026; published Dec. 7, 1926.
Disinfectants, Liquid. Eagle Chemical Co. 224,700; Mar. 1; Serial No. 239,399; published Dec. 7, 1926.
Dyes, hair-dye dissolvers, face creams, face lotions, Hair. J. Fluette. 224,782; Mar. 1.
Eradicators, Stain. E. E. Kaminsky. 224,719; Mar. 1; Serial No. 238,791; published Nov. 30, 1926.
Ethyl chloride. Gebauer Chemical Company. 224,775; Mar. 1.
Insecticidal, germicidal, and fungicidal sprays for trees and plants. California Spray-Chemical Company. 224,608; Mar. 1; Serial No. 239,163; published Dec. 7, 1926.
Insecticide, Mothguard Laboratories Inc. 224,644; Mar. 1; Serial No. 238,513; published Dec. 7, 1926.
Insecticide and deodorizer. Palmiter, Hubert L. 58,838; renewed Dec. 25, 1926.
Insecticides. D. J. Lambert. 59,583; renewed Jan. 8, 1927.
Laxative, Chewing-gum. I. S. Johnson & Co. Inc. 224,640; Mar. 1; Serial No. 238,266; published Dec. 14, 1926.
Licorice and licorice paste. MacAndrews & Forbes Company. 60,000; renewed Jan. 22, 1927.
Lotions. C. W. Davis. 61,415; renewed Mar. 19, 1927.
Lotions, Hair. House of A. Blatt Inc. 224,707; Mar. 1; Serial No. 236,703; published Dec. 7, 1926.
Medicated gum. S. Amster. 224,678; Mar. 1; Serial No. 234,184; published Oct. 12, 1926.
Medicated preparation for the hair, scalp, and skin. Barclay & Barclay. 60,825; renewed Feb. 19, 1927.
Medicinal and toilet preparations. Barclay & Barclay. 61,232; renewed Mar. 12, 1927.
Medicinal nonspecific protein. Anglo-American Pharmaceutical Corp. 224,609; Mar. 1; Serial No. 239,160; published Dec. 7, 1926.
Medicinal preparation. Fulton Health Institute. 224,688; Mar. 1; Serial No. 239,514; published Dec. 14, 1926.
Medicinal preparation. Maltex Co. Inc. 224,502; Mar. 1; Serial No. 235,894; published Dec. 14, 1926.
Medicinal preparations. J. Sudbeaz. 224,531; Mar. 1; Serial No. 237,992; published Dec. 7, 1926.
Medicine, Asthma. L. Kozik. 224,444; Mar. 1; Serial No. 237,507; published Dec. 7, 1926.
Medicine for coughs, colds, pneumonia, colic, etc. J. C. Shelley. 224,728; Mar. 1; Serial No. 2[illegible],404; published Dec. 7, 1926.

Medicine for headache, toothache, neuralgia, etc. D. M. Malloy & Sons. 224,438; Mar. 1; Serial No. 237,915; published Nov. 30, 1926.
Mouth wash. Canute Co. 224,676; Mar. 1; Serial No. 234,291; published Dec. 7, 1926.
Oil, Gelatinized cod-liver. Otis Clapp & Son. 224,632; Mar. 1; Serial No. 238,611; published Dec. 7, 1926.
Parasiticides. Niagara Sprayer Company. 224,515; Mar. 1; Serial No. 233,141; published Dec. 7, 1926.
Parasiticides. Niagara Sprayer Company. 224,516; Mar. 1; Serial No. 233,136; published Dec. 7, 1926.
Perfume, toilet water, face powder, etc. C. J. Diaz. 224,722; Mar. 1; Serial No. 238,844; published Dec. 14, 1926.
Pharmaceutical preparation. Ozojell Co. 62,890; renewed May 28, 1927.
Pharmaceutical preparations for human use in the treatment of rheumatism, gout, etc. Gerhard F. Schmidt Aktiengesellschaft. 224,684; Mar. 1; Serial No. 239,601; published Dec. 14, 1926.
Poison, Insect. H. L. Squires. 63,652; renewed July 2, 1927.
Powder, Foot. Foot-Care Co. 224,635; Mar. 1; Serial No. 238,647; published Dec. 7, 1926.
Powder, shampoo, perfume, rouge, etc., Face, talcum, and body. A. H. Fowler. 224,552; Mar. 1; Serial No. 238,171; published Dec. 14, 1926.
Powder, Toilet. Amolin Chemical Company. 59,178; renewed Jan. 1, 1927.
Powder, Vaginal douche. Wo-Ness Laboratory. 224,685; Mar. 1; Serial No. 239,554; published Dec. 14, 1926.
Powders, Face. J. Martinat. 224,737; Mar. 1; Serial No. 221,129; published Dec. 7, 1926.
Powders, Face and talcum. Baird & Sawyer. 224,720; Mar. 1; Serial No. 238,832; published Dec. 14, 1926.
Preparation adapted for external application to the skin. I. Weinshenker. 224,726; Mar. 1; Serial No. 238,470; published Dec. 7, 1926.
Preparation for permanent hair waving. J. Fluette. 224,783; Mar. 1.
Preparation for the treatment of tuberculosis and heaves. J. M. Christie. 224,584; Mar. 1; Serial No. 238,952; published Dec. 7, 1926.
Remedies for diseases of the throat, lungs, and bronchial organs. H. Stringer. 48,558; renewed Jan. 2, 1926.
Remedies for the treatment of obesity, high blood pressure, acidosis, etc. B. L. Cole. 224,591; Mar. 1; Serial No. 238,897; published Dec. 7, 1926.
Remedy for diseases of stock and poultry. W. S. Brown. 57,208; renewed Nov. 6, 1926.
Remedy used internally for seasickness and other disorders and diseases originating in the stomach. M. Z. Söhne. 224,475; Mar. 1; Serial No. 231,892; published Dec. 7, 1926.
Rouge, Toilet. E. M. Hetsel. 61,945; renewed Apr. 9, 1927.
Shampoo, Liquid. Western Meat Company. 224,440; Mar. 1; Serial No. 237,636; published Dec. 7, 1926.
Starch, Laundry. Sherer-Gillett Company. 62,946; renewed May 28, 1927.
Suppositories, Vaginal. L. M. Hunter. 224,607; Mar. 1; Serial No. 239,175; published Dec. 14, 1926.
Tablets. J. H. Pine. 58,987; renewed Dec. 25, 1926.
Toilet and medicinal preparations. Sherer-Gillett Company. 60,849; renewed Feb. 19, 1927.
Toilet preparations. Frederick Stearns & Company. 62,616; renewed May 14, 1927.
Tonics, Uterine. Rio Chemical Co. 63,011; renewed June 4, 1927.
Witch-hazel cream, cucumber cream, cold cream, etc. Jordan Marsh Company. 224,686; Mar. 1; Serial No. 239,524; published Dec. 14, 1926.

CLASS 7.

Cables and ropes. Broderick & Bascom Rope Company. 224,542; Mar. 1; Serial No. 235,728; published Dec. 14, 1926.
Cords, twines, and ropes. Silver Lake Company. 60,317; renewed Feb. 5, 1927.
Rope, Wire. Macomber & Whyte Rope Company. 58,983; renewed Dec. 25, 1926.

CLASS 9.

Cartridges, powder, and percussion caps. Peters Cartridge Company. 60,728; renewed Feb. 19, 1927.
Explosives and blasting supplies. Eastern Dynamite Company. 62,480; renewed May 7, 1927.
Explosives, High. Eastern Dynamite Company. 61,978; renewed Apr. 16, 1927.
Firecrackers. Hitt Fireworks Company. 224,509; Mar. 1; Serial No. 239,657; published Dec. 14, 1926.

CLASS 10.

Bone phosphate. Baugh & Sons Company. 63,359; renewed June 18, 1927.

CLASS 11.

Inked ribbons, sheets, and strips for duplication and transfer of impressions. Columbia Carbon Company. 224,645; Mar. 1; Serial No. 238,543; published Dec. 14, 1926.

CLASS 12.

Cement and Portland cement. Onoda Cement Co. Ltd. 224,462–3; Mar. 1; Serial Nos. 226,504–5; published Nov. 9, 1926.
Slates, tiles, plates, paving bricks, etc. Société Française de l'Everite. 224,568–70; Mar. 1; Serial Nos. 201,052–4; published Feb. 16, 1926.

CLASS 13.

Chain and chain links. Standard Chain Company. 58,223; renewed Dec. 11, 1926.
Doorchecks. United Hardware & Tool Corporation. 224,648; Mar. 1; Serial No. 238,537; published Dec. 14, 1926.
Metal grips for cables. Universal Cable Grip Company. 61,329; renewed Mar. 12, 1927.
Nails. Pittsburgh Steel Company. 224,589; Mar. 1; Serial No. 238,917; published Dec. 14, 1926.
Rope-end attachment. W. G. Norman Corporation. 224,622; Mar. 1; Serial No. 238,339; published Dec. 14, 1926.

CLASS 14.

Alloy, Metallic. Western Electric Company. 224,452; Mar. 1; Serial No. 237,360; published Dec. 7, 1926.
Cadmium plating, anodes, and anode supports. Udylite Process Company. 224,679; Mar. 1; Serial No. 233,958; published Dec. 14, 1926.
Forgings. Kropp Forge Company. 224,470; Mar. 1; Serial No. 232,682; published Dec. 14, 1926.
Lead, Pig. Picher Lead Company. 59,961; renewed Jan. 22, 1927.
Metal rods, die castings, sand castings, and forgings of nonferrous metal. Mueller Brass Co. 224,739; Mar. 1; Serial No. 236,430; published Dec. 14, 1926.
Metals and bearing castings, Babbitt. Division Smelting and Refining Company. 224,745; Mar. 1; Serial No. 236,639; published Dec. 14, 1926.
Molds for making castings of metal and parts and accessories thereof. Guardian Trust Company, trustee. 224,734; Mar. 1; Serial No. 216,177; published Aug. 10, 1926.
Steel and iron. Kloster Steel Corporation. 224,557; Mar. 1; Serial No. 239,758; published Dec. 14, 1926.
Steels and alloy steels. Central Steel Company. 224,751; Mar. 1; Serial No. 221,946; published Dec. 14, 1926.
Tin and galvanized steel sheets, Roofing. Wheeling Corrugating Company. 224,669; Mar. 1; Serial No. 234,937; published Dec. 7, 1926.

CLASS 15.

Gasoline. Beacon Oil Company. 224,453; Mar. 1; Serial No. 237,219; published Nov. 30, 1926.
Oil, Blended lubricating. Masury-Young Company. 224,752–5; Mar. 1; Serial Nos. 221,760–3; published Dec. 7, 1926.
Oil, Motor-lubricating. C. F. Gydeson. 224,589; Mar. 1; Serial No. 236,085; published Dec. 7, 1926.
Oils, Standard Oil Company. 224,699; Mar. 1; Serial No. 239,433; published Dec. 14, 1926.
Oils and greases, Motor. Wilson Oil Corporation. 224,579; Mar. 1; Serial No. 239,007; published Dec. 14, 1926.
Oils, Fuel. Penn Oil Co. 224,496; Mar. 1; Serial No 237,764; published Dec. 14, 1926.
Oils, Illuminating. Warden & Oxnard. 58,385; renewed Dec. 11, 1926.
Oils, Lubricating. United States Graphite Company. 59,505; renewed Jan. 8, 1927.

CLASS 16.

Enamel in the nature of paint. United States Gutta Percha Paint Company. 224,750; Mar. 1; Serial No. 222,148; published Dec. 14, 1926.
Lacquers and varnishes. Ultralac Products Co. 224,705; Mar. 1; Serial No. 238,349; published Dec. 7, 1926.
Lacquers, Nitrocellulose. Red Spot Paint & Varnish Co. 224,611; Mar. 1; Serial No. 239,138; published Dec. 7, 1926.
Lead, Pure white. Eagle White Lead Co. 60,062; renewed Jan. 29, 1927.
Lead, Pure white. Eagle White Lead Company. 60,983; renewed Feb. 26, 1927.
Lithopone used as a paint pigment. New Jersey Zinc Company. 224,495; Mar. 1; Serial No. 237,748; published Nov. 23, 1926.
Paint. M. J. Merkin Paint Co. Inc. 224,583; Mar. 1; Serial No. 238,985; published Dec. 14, 1926.
Paint and varnish removers. John Lucas & Co. 58,241; renewed Dec. 11, 1926.
Paint or coloring material. John Lucas & Co. 58,240; renewed Dec. 11, 1926.
Paints. Johnson McKim Johnson Co. 224,457; Mar. 1; Serial No. 237,032; published Nov. 23, 1926.
Paints and painters' materials. John Lucas & Co. 59,889; renewed Jan. 22, 1927.
Paints and varnish, Ready-mixed. Williamson & Beisler. 224,541; Mar. 1; Serial No. 236,072; published Nov. 30, 1926.
Paints and varnishes. Wisconsin Paint Mfg. Company. 224,544; Mar. 1; Serial No. 235,505; published Dec. 7, 1926.

Paints and varnishes, Thinners for. Red Spot Paint & Varnish Co. 224,546; Mar. 1; Serial No. 235,420; published Dec. 7, 1926.
Paints, Enamel. John Lucas & Co. 58,242; renewed Dec. 11, 1926.
Paints, Ready-mixed wall-finish. Hanna Paint Manufacturing Company. 224,702; Mar. 1; Serial No. 235,216; published Nov. 23, 1926.
Paints, varnishes, paint enamels, and oils. J. N. Adam & Co. 224,491; Mar. 1; Serial No. 224,491; published Nov. 23, 1926.
Paints, varnishes, paint enamels, etc. Bradley-Wise Paint Company. 224,571; Mar. 1; Serial No. 186,867; published Jan. 8, 1924.
Paints, varnishes, paint enamels, etc. Bradley-Wise Paint Company. 224,572; Mar. 1; Serial No. 186,866; published Dec. 25, 1923.
Paints, varnishes, paint enamels, prepared shellacs, and stains, Ready-mixed. A. S. Elfenbein. 224,553; Mar. 1; Serial No. 238,169; published Dec. 7, 1926.
Painters' materials. Peninsular Paint and Varnish Company Ltd. 62,960; renewed June 4, 1927.
Preservative and waterproofing coatings having a bituminous base. Ruberoid Co. 224,573; Mar. 1; Serial No. 182,934; published June 17, 1924.
Tubes containing artists' water colors and artists' paints and oils. T. Daniels. 224,482; Mar. 1; Serial No. 226,947; published Dec. 7, 1926.
Varnish polishes, dressings, etc. McAvoy Mfg. Company. 224,708; Mar. 1; Serial No. 236,884; published Nov. 30, 1926.
Varnishes, japans, and enamels. Standard Varnish Works. 63,147; renewed June 11, 1927.
Varnishes, stains, japans, surfaces, and interior and exterior finishes. Nonke-Wheeler-Clough Company. 61,813; renewed Apr. 9, 1927.
Wax, liquid floor wax, furniture polish, etc., Floor. Basic Sanitary Products Co. Inc. 224,467; Mar. 1; Serial No. 232,750; published Nov. 23, 1926.

CLASS 17.

Cigars. Carreras Limited. 54,507; renewed June 26, 1926.
Cigars. Cifuentes, Fernandez y Ca. 60,515; renewed Feb. 12, 1927.
Cigars. S. D. Smith. 224,586; Mar. 1; Serial No. 238,925; published Dec. 14, 1926.
Cigars. G. A. Strobeck. 224,608; Mar. 1; Serial No. 239,434; published Dec. 14, 1926.
Cigars and cheroots. H. Lilling. 224,508; Mar. 1; Serial No. 239,813; published Dec. 14, 1926.

CLASS 19.

Automobile tops. J. P. Roz. 224,529; Mar. 1; Serial No. 238,025; published Dec. 14, 1926.
Automobiles and constructive parts thereof. Locomobile Company of America, Incorporated. 224,672; Mar. 1; Serial No. 234,622; published Dec. 14, 1926.
Trucks. Rear chassis unit for. Warford Corporation. 224,505; Mar. 1; Serial No. 239,688; published Dec. 14, 1926.
Vehicles, Boats and road. E. Gentil. 59,474; renewed Jan. 8, 1927.

CLASS 21.

Batteries, Storage. Rechargo Manufacturing Co. 224,759; Mar. 1; Serial No. 221,379; published Dec. 14, 1926.
Condensers, Variable. Wireless Radio Corporation. 224,523; Mar. 1; Serial No. 238,098; published Dec. 7, 1926.
Current-supply apparatus, A and B power. Grigsby-Grunow-Hinds Co. 224,671; Mar. 1; Serial No. 234,907; published Dec. 14, 1926.
Electric lamps, Incandescent. Franklin Electric Mfg. Co. 61,508; renewed Mar. 26, 1927.
Electrical apparatus. International Process and Engineering Corporation. 224,704; Mar. 1; Serial No. 219,588; published Dec. 14, 1926.
Electrical hot plates, cabinet ranges, cookers, and waffle irons. Buckwalter Stove Company. 224,725; Mar. 1; Serial No. 238,481; published Dec. 14, 1926.
Lightning rods covered or plated with a layer of copper. St. Louis Lightning Rod Co. 60,575; renewed Feb. 12, 1927.
Radio power units. W. F. Price Battery Supply Company. 224,633; Mar. 1; Serial No. 238,612; published Dec. 14, 1926.
Radio receiving sets. Better Radio, Inc. 224,746; Mar. 1; Serial No. 236,722; published Dec. 14, 1926.
Radio receiving sets and parts thereof. A. G. Landres. 224,630; Mar. 1; Serial No. 225,021; published Dec. 14, 1926.
Reproducers for radioreceivers. Grigsby-Grunow-Hinds Co. 224,670; Mar. 1; Serial No. 234,908; published Dec. 14, 1926.

CLASS 22.

Cribbage board, Pocket. F. B. Babbitt. 224,497; Mar. 1; Serial No. 237,772; published Dec. 7, 1926.
Dolls. Jacobs & Kassler. 224,538; Mar. 1; Serial No. 236,131; published Nov. 30, 1926.
Dolls. Louis Wolf & Co. Inc. 224,697; Mar. 1; Serial No. 239,450; published Dec. 14, 1926.
Fishhooks, artificial flies, etc. Henry Milward & Sons, Limited. 224,494; Mar. 1; Serial No. 237,745; published Dec. 7, 1926.
Fishing reels. Enterprise Manufacturing Company. 224,683; Mar. 1; Serial No. 239,615; published Dec. 14, 1926.
Game. Shulman & Sons. 224,587; Mar. 1; Serial No. 238,924; published Dec. 14, 1926.
Game board played with pieces and dice, Parlor. William M. Rohn and Carl A. Johnson. 224,649; Mar. 1; Serial No. 238,527; published Dec. 14, 1926.
Golf balls, golf clubs, etc. North British Rubber Co. Ltd. 224,455; Mar. 1; Serial No. 237,129; published Dec. 21, 1926.
Toy animals, Stuffed. M. A. Myers. 224,618; Mar. 1; Serial No. 238,385; published Dec. 7, 1926.
Toys, combination mechanical toys and games, etc., Mechanical. F. J. Dick. 224,550; Mar. 1; Serial No. 235,256; published Dec. 7, 1926.

CLASS 23.

Automobile replacement parts. Star Products and Machine Company. 224,560; Mar. 1; Serial No. 215,826; published Dec. 14, 1926.
Bearings. Neveroil Bearing Company. 224,507; Mar. 1; Serial No. 239,667; published Dec. 14, 1926.
Bit braces, cake turners, can openers, etc. Washburn Company. 224,942; Mar. 1; Serial No. 230,576; published Dec. 7, 1926.
Couplings, Shaft. Charles Bond Company. 224,776–7; Mar. 1.
Cutlery. F. Koeller & Co. 224,749; Mar. 1; Serial No. 222,616; published Dec. 14, 1926.
Cutlery in general and other hand tools having a cutting edge. Joseph Allen & Sons Limited. 63,407; renewed June 18, 1927.
Filters for engines. Sheet Steel Products Company. 224,729; Mar. 1; Serial No. 238,402; published Dec. 14, 1926.
Machinery. Organ Power Corporation. 62,801; renewed May 28, 1927.
Machinery. Organ Power Corporation. 62,816; renewed May 28, 1927.
Machinery, Experimental and special. W. F. Errig. 224,466; Mar. 1; Serial No. 232,916; published Dec. 14, 1926.
Pan lifters. Tyler Manufacturing Company. 224,520; Mar. 1; Serial No. 238,143; published Dec. 14, 1926.
Planes. Sears, Roebuck and Co. 224,597; Mar. 1; Serial No. 239,328; published Dec. 7, 1926.
Plows. Wiard Plow Company. 63,301; renewed June 11, 1927.
Razor blades, Safety. E. W. McDonough. 224,143; Mar. 1; Serial No. 236,615; published Dec. 7, 1926.
Razors and razor blades, Safety. Magazine Repeating Razor Company. 224,639; Mar. 1; Serial No. 238,326; published Dec. 7, 1926.
Shovels, spades, and scoops. Ames Shovel and Tool Company. 224,770; Mar. 1.
Sweepers, Carpet. Bissell Carpet Sweeper Co. 60,505–8; renewed Feb. 12, 1927.
Sweepers, Carpet. Bissell Carpet Sweeper Company. 61,146–7; renewed Mar. 5, 1927.
Swith stands, Railway. Pettibone Mulliken Co. 224,532; Mar. 1; Serial No. 219,842; published Dec. 14, 1926.
Turbines and parts thereof, Steam. C. A. Parsons. 51,999; renewed May 1, 1926.
Typewriting machines and parts thereof. L C Smith & Corona Typewriters Inc. 224,784; Mar. 1.

CLASS 24.

Washing machine. Mystic Washer Co. 224,626; Mar. 1; Serial No. 238,189; published Nov. 30, 1926.

CLASS 25.

Padlocks. I. P. Reese. 224,771; Mar. 1.

CLASS 26.

Electrical measuring instruments. Lundquist Tool & Mfg. Co. 224,758; Mar. 1; Serial No. 221,556; published Dec. 14, 1926.
Lenses and blanks, Opthalmic. Unisite Lens Company. 224,762; Mar. 1; Serial No. 236,785; published Dec. 7, 1926.
Photographic plates and films, lenses, cameras, etc. I. G. Farbenindustrie Aktiengesellschaft. 224,730; Mar. 1. Serial No. 238,547; published Dec. 14, 1926.
Picture films, Motion. J. Ollendorff. 224,443; Mar. 1; Serial No. 237,509; published Dec. 7, 1926.
Pyrometer sheaths. Industrial Welded Products Co. Inc. 224,675; Mar. 1; Serial No. 234,400; published Nov. 30, 1926.
Reproduction by projection on a screen of letters, words, etc., produced by any type of printing machine, Machines for the. Trans Lux Daylight Picture Screen Corporation. 224,483; Mar. 1; Serial No. 226,791; published Dec. 14, 1926.

CLASS 27.

Clock dials and panels. New Haven Clock Co. 224,657; Mar. 1; Serial No. 238,736; published Dec. 7, 1926.

Watch movements and watchcases. Illinois Watch Case Company. 224,619; Mar. 1; Serial No. 238,375; published Dec. 7, 1926.

CLASS 28.

Badges, pin sets, cuff links, charms, etc. Cahn and Co. 224,709; Mar. 1; Serial No. 236,906; published Dec. 14, 1926.
Necklaces, bracelets, brooches, earrings, etc. D. Lisner & Co. 224,537; Mar. 1; Serial No. 236,137; published Dec. 7, 1926.
Silver-plated ware comprising flat and hollow ware and cutlery. Wm. A. Rogers Ltd. 59,396; renewed Jan. 8, 1927.
Silver-plated ware comprising flat and hollow ware and cutlery. Wm. A. Rogers Ltd. 59,422; renewed Jan. 8, 1927.
Silverware and jewelry. L. Bamberger & Company. 224,567; Mar. 1; Serial No. 204,299; published Dec. 7, 1926.

CLASS 29.

Brushes. Pittsburgh Plate Glass Company, Rennous-Kleinle Division. 224,715–17; Mar. 1; Serial Nos. 238,803–5; published Nov. 30, 1926.
Brushes and bristle dusters. L. Abseck. 224,605; Mar. 1; Serial No. 239,222; published Dec. 14, 1926.
Toothbrushes. J. C. Gussman. 224,701; Mar. 1; Serial No. 239,863; published Dec. 14, 1926.
Toothbrushes. Sears, Roebuck and Co. 224,582; Mar. 1; Serial No. 238,999; published Dec. 14, 1926.

CLASS 32.

Furniture. Jacob & Josef Kohn & Mundus, Inc. 224,524; Mar. 1; Serial No. 238,060; published Dec. 14, 1926.
Mattresses and stuffed baby cushions, Stuffed crib. Electric City Mattress Works, Inc. 224,788; Mar. 1.
Mattresses, pillows, and cushions, Padded. C. D. Karr. 224,543; Mar. 1; Serial No. 235,650; published Dec. 7, 1926.
Wardrobes. F. Additon. 224,690; Mar. 1; Serial No. 239,501; published Dec. 7, 1926.

CLASS 33.

Bottles, Glass. Illinois Glass Company. 224,561; Mar. 1; Serial No. 213,053; published Dec. 14, 1926.

CLASS 34.

Boilers, Heating. Aird-Don Co. 224,668; Mar. 1; Serial No. 235,012; published Nov. 30, 1926.
Gas boiler installed in dwellings and other buildings. L. J. Mueller Furnace Company. 224,727; Mar. 1; Serial No. 238,450; published Dec. 14, 1926.
Lamp shades. Cuyahoga Picture & Lamp Company. 224,551; Mar. 1; Serial No. 235,255; published Nov. 30, 1926.
Register shields, radiator hoods, and air deflectors. Gem City Sheet Metal Company. 224,651; Mar. 1; Serial No. 238,549; published Dec. 14, 1926.

CLASS 35.

Brake lining. Cresswell's Asbestos Co. Ltd. 224,621; Mar. 1; Serial No. 238,359; published Dec. 14, 1926.
Faucet cushions and washers, Nonmetallic. J. A. Sexauer Mfg. Co. 224,528; Mar. 1; Serial No. 238,028; published Dec. 7, 1926.
Machinery packings. Metalastic Inc. 224,469; Mar. 1; Serial No. 232,685; published Dec. 14, 1926.
Packing in sheet and coil form, Steam and pressure. I. X. L. Steam Packing Manufacturing Co. 59,105; renewed Jan. 1, 1927.
Packing, Metallic. Globe Kneadable Metallic Packing Co. Inc. 224,547; Mar. 1; Serial No. 235,300; published Dec. 7, 1926.
Piston rings and inner rings for pistons. Parts Manufacturing Company. 224,536; Mar. 1; Serial No. 236,144; published Dec. 7, 1926.
Tires and tubes, Vehicle. Marathon Rubber Company. 224,549; Mar. 1; Serial No. 235,270; published Nov. 30, 1926.

CLASS 36.

Musical instruments and accessories therefor, Wood-wind. H. Selmer. 224,533; Mar. 1; Serial No. 239,000; published Dec. 28, 1926.
Musical instruments, Fretted stringed. Tonk Bros. Company. 224,460; Mar. 1; Serial No. 227,541; published Dec. 14, 1926.
Phonographs, parts, etc. J. K. Polk, Incorporated. 224,468; Mar. 1; Serial No. 232,739; published Dec. 14, 1926.
Piano players and combination pianos and piano players. Auto-Grand Piano Co. 57,348; renewed Nov. 13, 1926.
Pianos. Richmond Piano Co. 59,499; renewed Jan. 8, 1927.
Pianos. Starr Piano Company. 60,204; renewed Jan. 29, 1927.
Pianos having playing attachments. Auto-Grand Piano Company. 57,957; renewed Dec. 4, 1926.

CLASS 37.

Crayons and pencils. Binney & Smith Company. 224,527; Mar. 1; Serial No. 238,038; published Dec. 7, 1926.
Crayons and pencils. Binney & Smith Company. 224,555; Mar. 1; Serial No. 238,169; published Dec. 7, 1926.
Erasers or eraser compositions. A. Sommer. 60,496; renewed Feb. 12, 1927.
Files for correspondence and papers. Cooke & Cobb Company. 224,596; Mar. 1; Serial No. 239,356; published Dec. 7, 1926.
Folders, alphabetical-index inserts, and hand-operated perforators for paper, Vertical-cabinet. Cooke & Cobb Company. 224,456; Mar. 1; Serial No. 237,066; published Dec. 7, 1926.
Newsprint. Beaver Wood Fibre Company. 224,629; Mar. 1; Serial No. 225,166; published Dec. 7, 1926.
Paper, Bond, index, ledger, and book. Marquette Paper Co. 224,606; Mar. 1; Serial No. 239,184; published Dec. 7, 1926.
Paper cover for toilet seats, Sanitary. Sanitary Utilities Corporation. 224,602; Mar. 1; Serial No. 239,489; published Dec. 7, 1926.
Paper napkins and toilet paper. Service Grocer Company. 224,723; Mar. 1; Serial No. 238,746; published Dec. 7, 1926.
Pen points. Moore Pen Company. 224,526; Mar. 1; Serial No. 239,042; published Dec. 7, 1926.
Pens, Writing. Esterbrook Steel Pen Manufacturing Company. 224,613; Mar. 1; Serial No. 239,098; published Dec. 7, 1926.
Pens, Writing. Spencerian Pen Company. 224,642; Mar. 1; Serial No. 238,678; published Dec. 7, 1926.
Pencils and penholders, Lead. Bleistiftfabrik vormals Johann Faber Actien-Gesellschaft. 58,701; renewed Dec. 25, 1926.
Pencils, Colored, copying, etc. Schwan-Bleistift-Fabrik A.-G. 224,634; Mar. 1; Serial No. 238,621; published Dec. 7, 1926.
Pencils, Lead. Eagle Pencil Company. 224,788; Mar. 1; Serial No. 221,001; published Nov. 30, 1926.
Registers, Autographic. Carter-Crume Co., Limited. 60,354; renewed Feb. 5, 1927.
Tissue, Toilet. United Paper Corporation. 224,625; Mar. 1; Serial No. 238,197; published Dec. 7, 1926.

CLASS 38.

Booklets, circulars, and pamphlets. Missouri-Kansas-Texas Railroad Company. 224,514; Mar. 1; Serial No. 238,280; published Nov. 23, 1926.
Books, Packages of. Brentano's, Inc. 224,661; Mar. 1; Serial No. 238,703; published Nov. 30, 1926.
Magazine. E. A. Miller. 224,590; Mar. 1; Serial No. 238,915; published Nov. 30, 1926.
Magazine, Monthly. Eastern Dairies, Inc. 224,500; Mar. 1; Serial No. 236,015; published Dec. 7, 1926.
Magazine section. Funk & Wagnalls Company. 224,636; Mar. 1; Serial No. 238,650; published Nov. 30, 1926.
Magazine, Weekly. Guide Publishing Company. 224,663; Mar. 1; Serial No. 235,214; published Nov. 30, 1926
Texts in pocket card form, Educational. Chicago Engineering Works Inc. 224,492; Mar. 1; Serial No. 237,653; published Nov. 23, 1926.

CLASS 39.

Aprons, Ladies' house. H. W. Roehr. 224,548; Mar. 1; Serial No. 235,277; published Dec. 7, 1926.
Bloomers, Children's. La Mode Garment Co. 224,488; Mar. 1; Serial No. 237,967; published Dec. 14, 1926.
Boots and shoes. J. D. Chern. 224,617; Mar. 1; Serial No. 239,795; published Dec. 14, 1926.
Boots and shoes, Rubber. Goodyear Rubber Company. 63,153; renewed June 11, 1927.
Boots and shoes, Rubber. C. L. Harvey. 224,504; Mar. 1; Serial No. 239,708; published Dec. 14, 1926.
Boots and shoes, rubber overshoes, etc., Rubber. Hood Rubber Company. 224,599; Mar. 1; Serial No. 239,302; published Dec. 7, 1926.
Clothing, Safety protection. Industrial Products Company. 224,484; Mar. 1; Serial No. 229,739; published Dec. 14, 1926.
Coats, suits, and dresses, Ladies' and misses'. Rosenbaum Company. 224,698; Mar. 1; Serial No. 239,488; published Dec. 14, 1926.
Coats, vests, trousers, etc. J. Schoeneman. 224,602; Mar. 1; Serial No. 239,269; published Dec. 14, 1926.
Coats, vests, trousers, etc. J. Schoeneman. 224,603; Mar. 1; Serial No. 239,267; published Dec. 14, 1926.
Corsets. Besten & Langen. 60,007; renewed Jan. 22, 1927.
Corsets, brassières, girdles, and combination garments. Powell Corset Company. 224,499; Mar. 1; Serial No. 227,809; published Dec. 7, 1926.
Corsets. Underwear, etc. Hochschild, Kohn & Co. 224,485; Mar. 1; Serial No. 237,959; published Dec. 14, 1926.
Dresses. Fashion Frocks, Inc. 224,748; Mar. 1; Serial No. 223,630; published Dec. 14, 1926.
Dresses. Merry Anne Dress Co. 224,612; Mar. 1; Serial No. 239,128; published Dec. 14, 1926.
Dresses, capes, women's coats, and suits, hats, etc. Lord & Taylor. 224,493; Mar. 1; Serial No. 237,675; published Dec. 7, 1926.
Dresses in silk and woolen materials and skirts in flannel and woolen novelties. Sandy, Inc. 224,588; Mar. 1; Serial No. 238,922; published Nov. 30, 1926.
Footwear. M. Mandel. 224,765; Mar. 1.

Gaiters with automatic fasteners. Firestone Footwear Company. 224,689; Mar. 1; Serial No. 239,512; published Dec. 14, 1926.
Girdles. J. Feig. 224,654; Mar. 1; Serial No. 238,577; published Dec. 14, 1926.
Gloves. Lilienthal & Grossman, Inc. 224,637; Mar. 1; Serial No. 238,659; published Dec. 14, 1926.
Gloves. B. F. Montague Company Inc. 224,695; Mar. 1; Serial No. 239,483; published Dec. 7, 1926.
Gloves, Kid. Sol A. Rothschild Company. 224,465; Mar. 1; Serial No. 232,946; published Dec. 14, 1926.
Gloves, step-ins, vests, bloomers etc. E. T. Slattery Company. 224,701; Mar. 1; Serial No. 236,781; published Dec. 7, 1926.
Gloves, underwear, etc., Knitted and textile fabric. Neyron & Co. 224,736; Mar. 1; Serial No. 224,037; published Dec. 14, 1926.
Hats and caps. B. Silverstein. 224,772; Mar. 1.
Hats and hat linings, Ladies'. R. Belth. 224,458; Mar. 1; Serial No. 237,014; published Dec. 7, 1926.
Hats, hat linings and frames, and sweatbands. F. Andrel. 224,480; Mar. 1; Serial No. 227,214; published Oct. 12, 1926.
Hosiery. Ely & Walker Dry Goods Company. 224,534; Mar. 1; Serial No. 220,115; published Dec. 14, 1926.
Hosiery. Meinig Hosiery Co. 224,656; Mar. 1; Serial No. 238,601; published Dec. 7, 1926.
Hosiery. Van B. Moler Co. Inc. 224,658–9; Mar. 1; Serial Nos. 238,734–5; published Nov. 30, 1926.
Hosiery. Oscar Nebel Company. 224,604; Mar. 1; Serial No. 239,258; published Dec. 14, 1926.
Hosiery. H. Stärker. 61,178; renewed Mar. 5, 1927.
Jumpers. East Coast Manufacturing Company. 224,623; Mar. 1; Serial No. 238,256; published Dec. 14, 1926.
Knit goods. A. G. Spalding & Bros. 62,670; renewed May 21, 1927.
Neckwear, Ladies'. Kadet, Kruger & Company. 224,486–7; Mar. 1; Serial Nos. 237,963–4; published Dec. 14, 1926.
Outer shirts. Greenebaum Brothers. 59,404; renewed Jan. 8, 1927.
Outer wear, Knitted. Blue-Ribbon Knitting Mills, Inc. 224,624; Mar. 1; Serial No. 238,247; published Dec. 7, 1926.
Overalls. Big Bill Manufacturing Company. 224,662; Mar. 1; Serial No. 238,700; published Nov. 30, 1926.
Oversuits, Children's one-piece. S. O. Holmes. 224,641; Mar. 1; Serial No. 238,264; published Dec. 14, 1926.
Pyjamas. Superior Athletic Underwear Company. 224,580–1; Mar. 1; Serial Nos. 239,004–5; published Dec. 14, 1926.
Shirts, pants, and overalls. McClelland Manufacturing Company. 224,757; Mar. 1; Serial No. 221,626; published Dec. 14, 1926.
Shoe protectors. E. C. Litty. 224,535; Mar. 1; Serial No. 236,425; published Dec. 14, 1926.
Shoes. Buck & Company. 224,578; Mar. 1; Serial No. 239,021; published Dec. 14, 1926.
Shoes. London Shoe Co. 224,714; Mar. 1; Serial No. 238,794; published Nov. 30, 1926.
Shoes and slippers. Dobyns' Footwear Inc. 224,472–3; Mar. 1; Serial Nos. 232,262–3; published Dec. 14, 1926.
Shoes, boots, and slippers, Leather. Slater Shoe Company. 60,929; renewed Feb. 26, 1927.
Slippers, Ladies'. L. Cristol. 224,445; Mar. 1; Serial No. 237,493; published Dec. 7, 1926.
Suits and overcoats, Men's. M. O'Neil Company. 224,576; Mar. 1; Serial No. 239,044; published Dec. 14, 1926.
Suits, coats, pants, and vests, Men's. Rosenberg Bros. & Co. 224,780; Mar. 1.
Suspenders, belts, arm bands, etc. J. C. Penney Company. 224,655; Mar. 1; Serial No. 238,665; published Dec. 7, 1926.
Underclothing, Women's. Warner Brothers Company. 224,451; Mar. 1; Serial No. 237,346; published Dec. 7, 1926.
Underwear. B. V. D. Company. 224,585; Mar. 1; Serial No. 238,946; published Dec. 7, 1926.
Underwear, Ladies' knitted. H. Miller. 224,781; Mar. 1.
Vests, bloomers, step-ins, chemises, and combinations, Ladies' rayon. Oppenheim, Oberndorf & Co. 224,652; Mar. 1; Serial No. 238,556; published Dec. 14, 1926.

CLASS 40.

Bandeaux made of composition material for the hair. Du Pont Viscoloid Company. 224,441; Mar. 1; Serial No. 237,597; published Nov. 30, 1926.
Cords, blades, tapes, and fabrics, Stiffening. Warren Featherbone Co. 60,338; renewed Feb. 5, 1927.
Elastic. Narrow Fabric Co. 224,490; Mar. 1; Serial No. 237,975; published Dec. 7, 1926.
Hairpains and hair ornaments. Du Pont Viscoloid Company. 224,680; Mar. 1; Serial No. 233,814; published Dec. 14, 1926.
Hairpins, Metal. S. Beaumont & Fils. 59,017; renewed Jan. 1, 1927.
Lacings for shoes, corsets, etc. Narrow Fabric Co. 224,616; Mar. 1; Serial No. 239,819; published Dec. 14, 1926.
Shoe buckles, buttonhooks, glove stretchers, cuff buttons, etc., Celluloid. Newark Tortoise Shell Novelty Co. 224,478; Mar. 1; Serial No. 230,183; published Dec. 14, 1926.
Wavers for curling and forming hair. Water. M. Hamilton. 224,479; Mar. 1; Serial No. 227,516; published Dec. 7, 1926.

CLASS 41.

Umbrellas. Sidney C. Anschell, Inc. 224,682; Mar. 1; Serial No. 239,632; published Dec. 14, 1926.

CLASS 42.

Blankets, Cotton. Beacon Manufacturing Company. 224,556; Mar. 1; Serial No. 239,787; published Dec. 14, 1926.
Crepe piece goods. Amalgamated Silk Corporation. 224,559; Mar. 1; Serial No. 239,732; published Dec. 14, 1926.
Curtains. New York Curtain Corporation. 224,724; Mar. 1; Serial No. 238,737; published Dec. 14, 1926.
Fabric, All-silk. A. B. Frank Company. 224,503; Mar. 1; Serial No. 235,733; published Nov. 30, 1926.
Florists' supplies. J. C. Nielsen. 224,756; Mar. 1; Serial No. 221,633; published Dec. 14, 1926.
Ribbons. L. & E. Stirn. 63,109–10; renewed June 4, 1927.
Sheeting, sheets, and pillowcases and colored cotton piece goods. Riverside & Dan River Cotton Mills, Inc. 224,653; Mar. 1; Serial No. 238,558; published Dec. 14, 1926.
Silk piece goods. L. & E. Stirn. 224,740; Mar. 1; Serial No. 236,511; published Dec. 14, 1926.
Textile fabrics, Printed and dyed. Eddystone Manufacturing Company. 63,671–2; renewed July 2, 1927.
Woolen and wool and mixed woven piece goods. Rittenberg Bros. 224,545; Mar. 1; Serial No. 235,427; published Dec. 14, 1926.
Woolen and worsted piece goods. Dunn Worsted Mills. 224,449; Mar. 1; Serial No. 237,361; published Dec. 14, 1926.
Woven, knitted, or netted piece goods. Hess, Goldsmith & Co. 224,510; Mar. 1; Serial No. 239,653; published Dec. 14, 1926.
Woven padding. L. H. Gilmer Co. 224,464; Mar. 1; Serial No. 233,541; published Nov. 30, 1926.

CLASS 43.

Cotton, Sewing, crochet, embroidery, and knitting. Clark & Co. 59,158; renewed Jan. 1, 1927.

CLASS 44.

Absorbent cotton, gauze, and sanitary napkins. U. S. Aseptic Supply Service, Inc. 224,447; Mar. 1; Serial No. 237,428; published Dec. 14, 1926.
Bowls, feeding cups, hospital cups, irrigators, etc., Enameled steel solution. Vollrath Co. 224,778; Mar. 1.
Cenvers, vaporizers, and volatilizers for medical compounds. Vapo-Cresolene Company. 60,048–52; renewed Jan. 22, 1927.
Clippers, Finger-nail. H. C. Cook Company. 62,067; renewed Apr. 16, 1927.
Dental enamel, Artificial. Ascher Import Company. 224,574; Mar. 1; Serial No. 179,644; published Mar. 31, 1925.
Elastic bandages, supporters, and suspensories. A. G. Spalding & Bros. 62,632; renewed May 21, 1927.
Manicure sets, nail files, tweezers, scissors, etc. C. J. Bates & Son. 224,643; Mar. 1; Serial No. 238,697; published Dec. 14, 1926.
Orange-wood sticks. French Beauty Products Co. 224,593; Mar. 1; Serial No. 238,850; published Dec. 14, 1926.
Therapeutic appliance. Circletone Incorporated. 224,501; Mar. 1; Serial No. 236,001; published Nov. 30, 1926.
Water coolers and other vessels containing radioactive ore. Rayhealth Laboratories. 224,476; Mar. 1; Serial No. 230,801; published Dec. 14, 1926.

CLASS 45.

Beverage, Nonalcoholic, maltless. M. C. Bullock. 224,554; Mar. 1; Serial No. 238,161; published Dec. 7, 1926.
Beverages. Westchester Bottling Works. 224,647; Mar. 1; Serial No. 238,539; published Dec. 7, 1926.
Beverages and sirups and extracts for making the same. American Dry Ginger Ale Company. 224,646; Mar. 1; Serial No. 238,540; published Dec. 7, 1926.
Beverages, sirups, and extracts for making the same. Washington Extract Co. 224,638; Mar. 1; Serial No. 238,294; published Dec. 14, 1926.
Beverages sold as soft drinks and sirups for making the same. T. M. Gill. 224,785; Mar. 1.
Beverages sold as soft drinks and sirups for making the same. Wenatchee Bottling Works. 224,459; Mar. 1; Serial No. 228,630; published Nov. 30, 1926.
Ginger ale. John Graf Co. 224,710; Mar. 1; Serial No. 236,928; published Dec. 14, 1926.
Ginger ale. John Graf Co. 224,711; Mar. 1; Serial No. 236,930; published Dec. 14, 1926.

CLASS 46.

Apples. W. Joseph. 224,437; Mar. 1; Serial No. 237,912; published Dec. 14, 1926.
Apples. Paul & Lloyd Stark Orchards. 224,718; Mar. 1; Serial No. 238,815; published Dec. 14, 1926.
Apples, pears, etc., Fresh. Fennville Fruit Exchange. 224,595; Mar. 1; Serial No. 238,846; published Dec. 14, 1926.
Beef oil or fat. Schwarzschild and Sulzberger Co. 61,228; renewed Mar. 12, 1927.

Beef, tongue, and lard, Roast. Schwarzschild and Sulzberger Company. 57,610; renewed Nov. 13, 1926.
Bread. H. C. Bohack Co. 224,565; Mar. 1; Serial No. 208,450; published Dec. 7, 1926.
Bread. W. P. McDonnell. 224,627; Mar. 1; Serial No. 238,184; published Dec. 7, 1926.
Butter. E. S. Bazley. 224,600; Mar. 1; Serial No. 239,285; published Dec. 14, 1926.
Butter. Continental Creamery Company. 56,818; renewed Oct. 23, 1926.
Butter, Continental Creamery Company. 56,820; renewed Oct. 23, 1926.
Butter. Geo. C. Mansfield Co. 58,641; renewed Dec. 18, 1926.
Butter, eggs, cheese, and dressed poultry. Holland Butter Company. 224,477; Mar. 1; Serial No. 230,449; published Dec. 7, 1926.
Candies. Cunningham-le Baron Co. 224,660; Mar. 1; Serial No. 238,707; published Dec. 14, 1926.
Candies, peanut clusters, chocolate raisin clusters, etc. Alps Specialty Company. 224,674; Mar. 1; Serial No. 234,428; published Dec. 7, 1926.
Candy. E. J. Brach & Sons. 224,664; Mar. 1; Serial No. 233,195; published Dec. 14, 1926.
Candy. Eline's Incorporated. 224,650; Mar. 1; Serial No. 238,497; published Dec. 7, 1926.
Candy. Max Glick Co. 224,511–12; Mar. 1; Serial Nos. 239,649–50; published Dec. 14, 1926.
Candy. New England Confectionery Company. 224,506; Mar. 1; Serial No. 239,669; published Dec. 14, 1926.
Candy bar. Bur-Bee Candy Co. 224,489; Mar. 1; Serial No. 237,939; published Nov. 30, 1926.
Candy bar. Bur-Bee Candy Co. 224,721; Mar. 1; Serial No. 238,888; published Dec. 14, 1926.
Candy bars. Richmond Candy Company. 224,448; Mar. 1; Serial No. 237,888; published Dec. 14, 1926.
Candy confection. Williamson Candy Company. 224,744; Mar. 1; Serial No. 236,668; published Dec. 14, 1926.
Canned beef. North American Mercantile Company. 224,747; Mar. 1; Serial No. 223,971; published Dec. 14, 1926.
Canned fillets of anchovies in olive oil. Callas', Inc. 224,786; Mar. 1.
Canned fish. Feu Hermanos. 224,566; Mar. 1; Serial No. 207,450; published Dec. 14, 1926.
Canned fish. Van Landingham Co. 224,706; Mar. 1; Serial No. 236,786; published Dec. 14, 1926.
Canned fruit. Hawaiian Pineapple Company. 224,558; Mar. 1; Serial No. 239,750; published Dec. 14, 1926.
Canned fruits and vegetables. North State Canning Company Inc. 224,666; Mar. 1; Serial No. 235,167; published Dec. 14, 1926.
Canned meats and lard. Schwarzschild & Sulzberger Company. 60,283; renewed Feb. 5, 1927.
Canned pimientos. Hill Brothers Company. 224,696; Mar. 1; Serial No. 239,474; published Dec. 14, 1926.
Canned salmon. Bristol Bay Packing Company. 224,564; Mar. 1; Serial No. 210,705; published Dec. 7, 1926.
Canned sardines, North Lubec Mfg. & Canning Co. 61,787; renewed Apr. 2, 1927.
Canned tomatoes. A. E. Want & Co. 224,471; Mar. 1; Serial No. 232,489; published Dec. 14, 1926.
Cantaloupes and honey dew melons. Stanley Fruit Company. 224,768; Mar. 1.
Cereal breakfast food. Battle Creek Food Company. 224,773; Mar. 1.
Cheese and peanut-butter sandwiches. Vegetarian Food and Nut Co. 224,741; Mar. 1; Serial No. 236,518; published Nov. 23, 1926.
Chicks, Baby. Acme Baby Chick Hatchery. 224,562–3; Mar. 1; Serial Nos. 210,772–3; published Dec. 14, 1926.
Chile preparation for seasoning meats, gravies, soups, etc. A. L. Pendery. 224,461; Mar. 1; Serial No. 227,534; published Dec. 7, 1926.
Chocolate and cocoa. "Sarotti" Chokoladen- & Cacao-Industrie, Aktiengesellschaft. 60,085; renewed Jan. 29, 1927.
Chocolate and cocoa preparations. Aktien-Gesellschaft Vereinigte Berner & Zurcher Chocolade-Fabriken Lindt & Sprungli. 51,382; renewed Apr. 17, 1926.
Cocoa and chocolate. Great Atlantic & Pacific Tea Company. 63,071; renewed June 4, 1927.
Coffee. Ferrocarril de Antioquia. 224,522; Mar. 1; Serial No. 238,108; published Nov. 30, 1926.
Coffee. W. H. Harrison & Co. 63,728; renewed July 2, 1927.
Coffee. Hewlett Bros, Company. 224,687; Mar. 1; Serial No. 239,520; published Dec. 14, 1926.
Coffee. Woolson Spice Company. 62,823–4; renewed May 28, 1927.
Coffee and chicory. A. M. & J. Solari, Ltd. 224,673; Mar. 1; Serial No. 234,597; published Nov. 30, 1926.
Confection (candy bar). Crane Candy Company. 224,575; Mar. 1; Serial No. 238,105; published Nov. 30, 1926.
Dates, Fresh and candied. Deglet Noor Date Growers Association. 224,628; Mar. 1; Serial No. 225,952; published Dec. 7, 1926.
Desserts and buttermilk tablets, Tablets and powders for making junket. Chr. Hansen's Laboratory, Inc. 224,712; Mar. 1; Serial No. 236,935; published Dec. 7, 1926.
Feed, Dairy. American Milling Company. 224,732; Mar. 1; Serial No. 218,152; published Nov. 23, 1926.
Flour, corn products, Wheat. Texas Star Flour Mills. 224,665; Mar. 1; Serial No. 235,184; published Dec. 7, 1926.
Flour, Wheat. Rea-Patterson Milling Company. 59,795; renewed Jan. 15, 1927.
Flour, Wheat. Wisconsin Milling Company. 224,733; Mar. 1; Serial No. 216,860; published Sept. 22, 1925.
Food for poultry. S. K. Strickler. 58,903; renewed Dec. 25, 1926.
Food preparations. Sherer-Gillett Company. 60,710; renewed Feb. 10, 1927.
Food products in dry form with a milk base. Blue Ridge Company. 224,450; Mar. 1; Serial No. 237,355; published Dec. 7, 1926.
Foods. Great Atlantic & Pacific Tea Company. 63,309; renewed June 11, 1927.
Foods, Poultry and stock. John Morrell & Co. 224,789; Mar. 1.
Fruits and vegetables, dried fruit, honey, etc., Fresh. W. P. Peyton Fruit Co. 224,521; Mar. 1; Serial No. 238,138; published Dec. 7, 1926.
Fruits, Certain named. Southern Cross Fruit Co. 53,470–1; renewed June 5, 1926.
Fruits, Fresh. Earl Fruit Company. 224,677; Mar. 1; Serial No. 234,202; published Dec. 14, 1926.
Grapefruit. Southern Fruit Producers. 224,787; Mar. 1.
Grapefruit, lemons, and oranges. Tulare County Lemon & Grapefruit Association. 224,610; Mar. 1; Serial No. 239,154; published Dec. 14, 1926.
Jellies. G. W. Anderson. 224,681; Mar. 1; Serial No. 233,806; published Dec. 14, 1926.
Lard. Schwarzschild & Sulzberger Company. 60,284; Renewed Feb. 5, 1927.
Lard and meats. Schwarzschild & Sulberger Company. 57,608–9; renewed Nov. 13, 1926.
Meats. Schwarzschild and Sulzberger Company. 56,261; renewed Sept. 4, 1926.
Meats, Cured, smoked, and canned. Cudahy Packing Company. 59,098; renewed Jan. 1, 1927.
Meats, Preserved and canned. Gordon & Dilworth. 59,308; renewed Jan. 8, 1927.
Meats, Smoked. Schwarzschild and Sulzberger Company. 56,468; renewed Sept. 25, 1926.
Milk-chocolate wafers. Ideal Cocoa & Chocolate Company. 224,525; Mar. 1; Serial No. 238,059; published Dec. 14, 1926.
Milk, Condensed. Mohawk Condensed Milk Co. 63,284; renewed June 11, 1927.
Oils. Cottonseed. Southern Cotton Oil Company. 59,118–22; renewed Jan. 11, 1927.
Oils. Cottonseed. Southern Cotton Oil Company. 61,822; renewed Apr. 9, 1927.
Oils. Cottonseed. Southern Cotton Oil Company. 61,849; renewed Apr. 9, 1927.
Oils. Cottonseed. Southern Cotton Oil Company. 62,273; renewed Apr. 30, 1927.
Onions. Burns and Bay. 224,498; Mar. 1; Serial No. 237; published Nov. 30, 1926.
Pears, plums, apples. J. P. Cleese. 224,614; Mar. 1; Serial No. 239,092; published Dec. 7, 1926.
Poultry feeds. Black & White Milling Company. 224,731; Mar. 1; Serial No. 219,056; published July 6, 1926.
Preserved and canned fruits and vegetables. Gordon & Dilworth. 60,861; renewed Feb. 26, 1927.
Sirups. Alabama-Georgia Syrup Company. 63,089; renewed June 4, 1927.
Spices. Woolson Spice Company. 224,518; Mar. 1; Serial No. 238,147; published Nov 30, 1926.
Tea. United Coffee Corp. 224,435; Mar. 1; Serial No. 237,882; published Dec. 7, 1926.

CLASS 47.

Wines. P. J. Fulvey. 224,620; Mar. 1; Serial No. 238,866; published Nov. 30, 1926.
Wines. W. Taylor. 224,763; Mar. 1.

CLASS 48.

Barley-malt extracts for beverage purposes. Rome Bros. 224,481; Mar. 1; Serial No. 227,086; published Nov. 30, 1926.
Beer. G. Heileman Brewing Co. 63,492; renewed June 25, 1927.
Beer. Meux's Brewery Company Limited. 57,655; renewed Nov. 27, 1926.
Hops and malt extract. J. G. Hoffmann. 224,592; Mar. 1; Serial No. 238,858; published Dec. 14, 1926.

CLASS 49.

Liqueur. Schaltin & Cie. 59,051; renewed Jan. 1, 1927.

CLASS 50.

Blackboards. Weber Costello Co. 224,779; Mar. 1.
Ladders, stepladders, scaffoldings, and stages. American Ladder Co. 224,474; Mar. 1; Serial No. 231,967; published Nov. 23, 1926.
Signs made of porcelain fused into steel, Permanent advertising nonelectrical. Baltimore Enamel & Novelty Company. 224,667; Mar. 1; Serial No. 235,100; published Nov. 9, 1926.

ALPHABETICAL LIST OF LABELS.

A. P. Little Inc. Quality Carbon Paper. For Carbon Paper. A. P. Little Inc. 31,720; Mar. 1.
Aer-Pruf. For Aer-Pruf. Aer-Pruf Manufacturing Company. 31,698; Mar. 1.
Barker's Chick Diarrhoea Remedy. For Chick Diarrhea Remedy. Barker, Moore & Mein Medicine Co. 31,701; Mar. 1.
Barker's Poultry Tape Worm Remover. For Poultry Tapeworm Remover. Barker, Moore & Mein Medicine Co. 31,700; Mar. 1.
Barker's Poultry Worm Oil. For Poultry Worm Oil. Barker, Moore & Mein Medicine Co. 31,702; Mar. 1.
Calport. For Wine Grape Tonic. California Wine Grape Products, Inc. 31,705; Mar. 1.
Clopin. For a Cod-Liver-Oil Powder. Clopin Company. 31,707; Mar. 1.
Diamond Lustre Polish. For a Polish for Enamel or Varnished Surfces. Research Club, Inc. 31,733; Mar. 1.
Duck. For Fresh Cherries. R. . Gerard. 31,713; Mar. 1.
Ever Fresh Butter. For Butter. Ev. Fresh Butter Corporation. 31,710; Mar. 1.
Extra Quality Swiss Brand. For Creamery Butter. Gray-Von Allmen Sanitary Milk Company. 31,714; Mar. 1.
Fitz-U. For Bow Ties. S. Sherman. 31,735; Mar. 1.
Fruit-O. For a Soft Drink Compounded of Fruit Extractions and Granulated Sugar in Concentrated Dry Form. C. G. Brooks. 31,704; Mar. 1.
He-Man. For Suspensory Bandages. L. A. Fritsch. 31,711; Mar. 1.
I am No Road Are You I Give Half. For Signs. A. C. Erwin. 31,708; Mar. 1.
Jell-It. For Gelatine Desserts. Adolf J. Mainzer. Inc. 31,722; Mar. 1.
Jell-Jell. For a Gelatin Powder. B. Heller & Company. 31,716; Mar. 1.
K. O. For Dog Biscuits. K. O. Supply Company. 31,719; Mar. 1.
Kno Kore. For Lime Products. Chemical Lime Company. 31,706; Mar. 1.
Long's Nox-Pane Tablets. For Tablets for the Relief of Pain. D. B. Long. 31,721; Mar. 1.
Markarian's Golden Figs. For Figs. Markarian Fig Gardens. 31,723; Mar. 1.
McKeons. For Canned Peaches. McKeon Canning Company. 31,724; Mar. 1.
Mil-Ben Ointment. For. Ointment. A. Brandt. 31,703; Mar. 1.
Murray's Superior Hair Dressing Pomade. For Hair Pomades and Hairdressings Generally. C. D. Murray. 31,726; Mar. 1.
National Brand Mustard. For Mustard. National Tea Co. 31,731; Mar. 1.
National's Best Cocoanut Cookies. For. Cookies. National Tea Co. 31,727; Mar. 1.
National's Best Fruit Cookies. For Cookies. National Tea Co. 31,730; Mar. 1.
National's Best Lemon Cookies. For Cookies. National Tea Co. 31,728; Mar. 1.
National's Best Sugar Cookies. For Cookies. National Tea Co. 31,729; Mar. 1.
Niles Dressing For Diabetics. For an Adjuvant. W. H. Niles. 31,732; Mar. 1.
Player Salted Peanuts. For Salted Peanuts. Miller Peanut Products Co. 31,725; Mar. 1.
Reddie. For Chick Mash. General Commission Co. 31,712; Mar. 1.
Rooster. For Oranges. Santiago Orange Growers Association. 31,734; Mar. 1.
Stadown. For Leather-Finishing Compound. Essex Chemical Co. 31,709; Mar 1.
Star Brand Copper Tacks. For Copper Tacks. U. T. Hungerford Brass & Copper Co. 31,717; Mar. 1.
Star Building Blocks. For Building Blocks. American Novelty Works. 31,699; Mar. 1.
Taste-Tells Minced Banbury 'Fruit-Oh!'. For Minced Fruits. Heints, Merkle & Co. (Inc.) 31,715; Mar. 1.
The J. W. P. For Rubber Auto Enamel. V. C. Wogoman. 31,739; Mar. 1.
Varsin Cold Caps. For Cold Capsules. Varsin Co. 31,737; Mar. 1.
Velvet. For Minted Lime. International Company. 31,718; Mar. 1.
Won't Freeze. For an Anti-Freeze Compound for Gasoline Motors. E. Wegner & Sons. 31,738; Mar. 1.
Yankee Doodle Dandy Candy. For Candy. F. A. Thomson. 31,736; Mar. 1.

ALPHABETICAL LIST OF PRINTS.

A Smoking Pleasure That Never Fails. For Cigarettes. R. J. Reynolds Tobacco Company. 9,561; Mar. 1.
Awnings of Exceptional Excellence. For Awnings, Tents, Canopies, Etc. L. Ellingson. 9,553; Mar. 1.
Camel Attracts The Quality Smoker. For Cigarettes. R. J. Reynolds Tobacco Company. 9,563; Mar. 1.
Certo for Making Jams & Jellies With Only 1 Minute's Boiling. For Certo. Douglas Pectin Corp. 9,551; Mar. 1.
Certo for Making Perfect Jams & Jellies. For Certo. Douglas-Pectin Corp. 9,550; Mar. 1.
Certo for Making Perfect Jams, Jellies & Marmalades. For Certo. Douglas-Pectin Corp. 9,549; Mar. 1.
Cincy's Favorite Drink—Boat House Coffee. For Coffee. Boat House Coffee Company. 9,538; Mar. 1.
Chart No. 999 Directions for Beverage Bottlers—Water Bottlers, Soda Fountains—Soft Drink Stands, Restaurants—Kitchens. For Sodium Hypochlorite Fluid. General Laboratories. 9,554; Mar. 1.
Drink Coca-Cola Delicious and Refreshing. For Coca-Cola. Coca-Cola Company. 9,544–5; Mar. 1.
Drink Orange Juice every Day at Orange Mill Stands. For Orange Juice. G. W. Root. 9,581; Mar. 1.
Drink Rochester Root Beer. For Root Beer. J. Hungerford Smith Co. 9,584; Mar. 1.
For Every Pipe-Smoker on Your List. For Tobacco. R. J. Reynolds Tobacco Company. 9,574; Mar. 1.
Furs of Quality. For Furs and Fur Goods. Hudson Bay Fur Co. 9,556; Mar. 1.
Good Luck Stores Inc. For Groceries. A. A. Simpson. 9,582; Mar. 1.
Golden Giant. For Gloves and Mittens. Harpham Brothers Company. 9,555; Mar. 1.
'Have a Camel' an Invitation to Contentment. For Cigarettes. R. J. Reynolds Tobacco Company. 9,579; Mar. 1.
'Have a Camel' Invites you to the World's most Popular Smoke. For Cigarettes. R. J. Reynolds Tobacco Company. 9,578; Mar. 1.
"Have a Camel" is Music to your Ears. For Cigarettes. R. J. Reynolds Tobacco Company. 9,577; Mar. 1.
Ice Cold Coca-Cola Sold Here. For Coca-Cola. Coca-Cola Company. 9,543; Mar. 1.
I'd Like to Make a Friendly Wager. For Tobacco. R. J. Reynolds Tobacco Company. 9,569; Mar. 1.
I Take my Tobacco Seriously. For Tobacco. R. J. Reynolds. 9,571; Mar. 1.
It's Mighty Easy to Like The Best. For Cigarettes. R. J. Reynolds Tobacco Company. 9,562; Mar. 1.
Made up to a Standard, Not Down to a Price. For Candies. E. J. Brach & Sons. 9,540; Mar. 1.
Make Some Delicious Pineapple Jam Today. For Certo. Douglas-Pectin Corp. 9,547; Mar. 1.
Mil-Ben Ointment. For Ointment. A. Brandt. 9,541; Mar. 1.
Monarch. For Food Products. Reid, Murdoch & Co. 9,559; Mar. 1.
No Other Cigarette Ever Had so Many Millions of Friends. For Cigarettes. J. R. Reynolds Tobacco Company. 9,560; Mar. 1.
Oxford Aristocrat of Bows a Page From Fashion's Hand-Book. For Men's Bow Ties. Belle Neckwear Company. 9,537; Mar. 1.
P. A. Revises All Your Pipe-Ideas. For Tobacco. R. J. Reynolds Tobacco Company. 9,566; Mar. 1.
P. A. Says 'Merry Christmas' in Capital Letters. For Tobacco. R. J. Reynolds Tobacco Company. 9,575; Mar. 1.
Play Checker Football. For Games. G. B. Bosco. 9,539; Mar. 1.
Prince Albert is Surely One Grand and Glorious Smoke. For Tobacco. R. J. Reynolds Tobacco Company. 9,567; Mar. 1.
Saves The Fresh Fruit Flavor & Color. For Certo. Douglas Pectin Corp. 9,552; Mar. 1.
Spark-Lin-Ale. For Ginger Ale. Spark-Lin-Ale, Inc. 9,585; Mar. 1.
'Speaking of Fine Tobaccos—Have A Camel!' For Cigarettes. R. J. Reynolds Tobacco Company. 9,564; Mar. 1.
Tastes Good!—With a Sandwich. For Coca-Cola. Coca-Cola Company. 9,542; Mar. 1.
The First Fragrant Whiff Won Me! For Tobacco. R. J Reynolds Tobacco Company. 9,572; Mar. 1.
The Fruits and Flavors Used at This Fountain. For Soda-Fountain Supplies. J. Hungerford Smith Co. 9,583; Mar. 1.
The Sensation of the Shows! For Automobile Lamps. Indiana Lamp Corporation. 9,558; Mar. 1.
The World's Favorite Smoke-Words "Have A Camel". For Cigarettes. R. J. Reynolds Tobacco Company. 9,576; Mar. 1.
Thorens Inc. For Cigar Lighters. Thorens Inc. 9,586; Mar. 1.
Treat The Family to Some Delicious Grape Jelly Today. For Certo. Douglas-Pectin Corp. 9,548; Mar. 1.
Unlike Any Other Headlight! For Automobile Lamps. Indiana Lamp Corporation. 9,557; Mar. 1.
We've Come a Long Way Together. For Tobacco. R. J. Reynolds Tobacco Company. 9,568; Mar. 1.
What More Could a Fellow Ask? For Tobacco. R. J. Reynolds Tobacco Company. 9,580; Mar. 1.
When The Thanksgiving Feast is Spread—And Gay Friends Gather—When You're Joyously Thankful For Another Year of Health and Plenty—Have a Camel! For Cigarettes. R. J. Reynolds Tobacco Company. 9,570; Mar. 1.
When The Tree is Trimmed For The Great Day—When The Peace and Good Cheer of Christmas are Almost Here—Have a Camel! For Cigarettes. R. J. Reynolds Tobacco Company. 9,573; Mar. 1.
Why Specialists use it in Cereal Feeding. For Wheat Breakfast Food. Cream Of Wheat Co. 9,546; Mar. 1.
You Are an Experienced Smoker And You Know Your Brand! For Cigarettes. R. J. Reynolds Tobacco Company. 9,565; Mar. 1.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. Carbon Fuel Company. 239,089; Mar. 1.
Coal. Virginia Harlan Coal Corporation. 205,500; Mar. 1.

CLASS 4.

Cleanser for household and garage use. J. O. Blackburn. 240,521; Mar. 1.
Metal polish. F. J. Hagerling. 241,944; Mar. 1.
Polish for metal and compounds for cleaning enameled surfaces and upholstered fabrics. Research Club, Inc. 235,073; Mar. 1.
Soap. Travel-Suds Company. 242,556; Mar. 1.
Soaps, Toilet and bath. J. C. Penny Company. 242,690; Mar. 1.

CLASS 5.

Rubber cement. Fisk Rubber Company. 241,816; Mar. 1.

CLASS 6.

Bleaching preparation. Clear-O-White Laboratories Inc. 184,598; Mar. 1.
Chemical compound. G. V. Gross. 241,942; Mar. 1.
Compound, Boiler. Perolin Company of America. 242,253; Mar. 1.
Creams and powders, shampoos, depilatory preparations, etc., Toilet. G. M. Domenice. 218,395; Mar. 1.
Culture media, Dehydrated. R. B. H. Gradwohl. 241,152; Mar. 1.
Deodorant spray. Elsinore Perfume Company. 241,708; Mar. 1.
Gum, Laxative chewing. J. M. Gries. 242,372; Mar. 1.
Hair tonic. J. Latin. 241,533; Mar. 1.
Indigestion cure. R. W. Brown. 241,692; Mar. 1.
Laxative preparations. S. Askin. 239,783; Mar. 1.
Medicine. Chattanooga Medicine Company. 242,279; Mar. 1.
Medicine. J. C. Ozan. 240,437; Mar. 1.
Medicine. Smith, Kline & French Company. 241,587; Mar. 1.
Perfume. R. Hudnut. 242,337; Mar. 1.
Perfumes, toilet waters, talc and face powder, cold creams, etc. Colgate & Company. 240,533; Mar. 1.
Perfumery, skin cream, tooth paste, etc. Dr. M. Albersheim. 241,852; Mar. 1.
Pharmaceutical preparations, plasters, proprietary and veterinary medicine. F. L. Harnisch. 235,472; Mar. 1.
Pile and erysipelas relief. J. T. Collins. 241,870; Mar. 1.
Powders, creams, and packs, toilet waters, rouges, lip sticks, etc., Face. A. M. Blake. 238,837; Mar. 1.
Preparation for the hair. E. Barbey. 242,517; Mar. 1.
Salt. International Salt Company. 240,416; Mar. 1.
Toilet preparation. Yvette Co. 241,976; Mar. 1.
Toilet preparations and cosmetics. C. F. Runckel. 241,791; Mar. 1.
Toilet water. C. M. Munsch. 239,995; Mar. 1.

CLASS 7.

Twine and light rope, Cotton. Pioneer Mills. 240,213; Mar. 1.
Twine, rope, string, and cordage. Schermerhorn Bros. Co. 243,175; Mar. 1.
Wire cable, Standard. John and Edwin Wright Limited 240,796; Mar. 1.

CLASS 10.

Fertilizer or plant food. W. E. Lenk. 241,059; Mar. 1.
Plant food. Nitrogen Company. 241,832; Mar. 1.

CLASS 11.

Ink, Drying composition for printing. Homer W. Palmer & Company. 242,391; Mar. 1.
Ink, Writing. Spencerian Pen Company. 242,398; Mar. 1.

CLASS 12.

Boards for heat-insulating purposes. Standard Cork Insulation Company Limited. 213,264; Mar. 1.
Cement, Refractory. Heat Sealing Kant-Burn Company. 242,002–3; Mar. 1.
Lumber. Heller Bros. Co. 241,482; Mar. 1.
Wall felt. Malm Bros. & Co. 241,344; Mar. 1.

CLASS 13.

Fence stays. O. H. Buck. 227,713; Mar. 1.
Nails, Shoe. Charles F. Baker & Co. Inc. 242,165; Mar. 1.
Siphons, Acid. Pyrene Manufacturing Company. 242,797; Mar. 1.

CLASS 15.

Gasoline, lubricants, and fuel oil. Loughborough Oil Co. 214,372; Mar. 1.
Oils and greases and special lubricants, Lubricating. Ironsides Company. 240,659; Mar. 1.
Oils, Lubricating. Standard Oil Company. 239,432; Mar. 1.

CLASS 16.

Cleaning and polishing compound for furniture, etc. K. M. De Benedictis. 241,203; Mar. 1.
Coatings, automobile body and furniture polish, Tire-preservative. Central Laboratories Co. 218,612; Mar. 1.
Colors of all kinds and colors for ceramic and photographic purposes, Water. Vereinigte Farben- & Lackfabriken. 227,048; Mar. 1.
Paint and paint enamel. Capitol Paint & Varnish Works, Inc. 238,045; Mar. 1.
Polish, Automobile body. Better Tires Company. 235,024; Mar. 1.

CLASS 17.

Cigars. Estate of Augustus Pollack, Inc. 241,524; Mar. 1.

CLASS 19.

Automobiles. General Motors Corporation. 242,371; Mar. 1.
Motor buses. Garford Motor Truck Co. 229,439; Mar. 1.

CLASS 21.

Battery plates and ignition storage batteries. Arco Battery & Plate Co. 234,688; Mar. 1.
Current converters and interrupters for spark plugs and parts thereof. Lepel Ignition Corporation. 241,289; Mar. 1.
Electric controlling devices, particularly reactors applied in radiocircuits. Pilot Electric Manufacturing Co. 225,033; Mar. 1.
Electric insulating compound. Connecticut Telephone & Electric Company. 240,699; Mar. 1.
Electric lamps, Portable. Norwood Autocraft, Inc. 235,782; Mar. 1.
Electric signal boards, electric bells, etc. Toller Electric Co. Inc. 240,044; Mar. 1.
Electrically recording sound on metal, etc., Machines for. Record-O-Phone Company. 227,603; Mar. 1.
Electron (vacuum) tubes. B. Chirls. 230,872; Mar. 1.
Flatirons, Electric. Chicago Flexible Shaft Company. 242,085; Mar. 1.
Flatirons, Electric. Chicago Flexible Shaft Company. 242,089; Mar. 1.
Flatirons, Electric. Chicago Flexible Shaft Company. 242,090; Mar. 1.
Lighting equipment, etc., Theater. Major Equipment Company. 240,423–4; Mar. 1.
Radio receiving sets. H. P. Trambley. 238,536; Mar. 1.
Radio receiving sets and parts thereof and loud speakers. Luxor Radio Corporation. 242,063; Mar. 1.
Radio receiving sets, loud speakers, etc. Roth Radio, Inc. 236,775; Mar. 1.
Resistors for electrical purposes, Fixed and variable. American Mechanical Laboratories, Inc. 238,001; Mar. 1.
Suction cleaners, Electrically-operated. Standard Vacuum Cleaner Manufacturing Company. 241,683; Mar. 1.
Vacuum tubes and valves. Radio Corporation of America. 240,365–6; Mar. 1.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Wire, ribbon, strips, and rods. Resistance. Driver-Harris Company. 241,876; Mar. 1.

CLASS 22.

Exercising devices. S. Blickmann, Inc. 240,522; Mar. 1.
Fishing bait, Artificial. South Bend Bait Co. 241,908; Mar. 1.

CLASS 23.

Bellows for temperature and pressure controlled apparatus, etc., Metallic. Clifford Manufacturing Co. 241,987; Mar. 1.
Devices actuated automatically by the gear of vehicles to indicate the route to be taken and to display advertisements. Periometer Co. Inc. 240,212; Mar. 1.
Fire-extinguishing apparatus. Direct Selling Company of America. 241,812; Mar. 1.
Knives, Woodworking-machinery. Guaranteed Machine Company. 243,268; Mar. 1.
Press machinery and fluted cutting tools, Diesinking and metal-working. J. H. Ripstra. 241,242; Mar. 1.
Straps, Lug, loom, harness, etc. J. E. Rhoads & Sons. 241,674; Mar. 1.
Sweepers, Mechanical carpet. Bissell Carpet Sweeper Company. 242,274; Mar. 1.

CLASS 25.

Catches, bolts, sash fasteners, locks, etc, Barn-door. Champion Hardware Company. 205,392; Mar. 1.
Locks. J. Q. Sherman. 242,445; Mar. 1.

CLASS 26.

Measuring and recording voltage surges, Instruments for. Westinghouse Electric & Manufacturing Company. 240,795; Mar. 1.
Picture films, Moving-. Bray Productions, Inc. 241,315;

CLASS 27.

Watchcases and watches. S. Bruner Inc. 239,083–6; Mar. 1.
Watches. S. Weissman Company. 241,800; Mar. 1.
Watches and parts thereof. Gebrüder Thiel Gesellschaft mit beschrankter Haftung. 241,336; Mar. 1.

CLASS 28.

Jewelry. Stockert & Cie. 241,121; Mar. 1.
Silver hollow ware. Bernard Rice's Sons, Inc. 241,677; Mar. 1.
Silver-plated knives. Associated Silver Company. 241,689; Mar. 1.
Silverware. Weidlich Sterling Spoon Co. 224,792; Mar. 1.

CLASS 32.

Mattresses and pillows. F. Parker. 239,486; Mar. 1.
Wardrobes, cabinets, and chests, Mothproof. J. F. Friedel Paper Box Co. 238,981; Mar. 1.

CLASS 34.

Draft regulator. H. W. Heyman. 237,413; Mar. 1.
Radiator using oil or gas, Room-heating. Everhot Heater Company. 234,666; Mar. 1.
Ranges, Combined coal and gas. A-B Stove Company. 242,266; Mar. 1.

CLASS 35.

Belting. Ruboil Belting Company. 237,247; Mar. 1.
Boots for the repair of tires. F. J. Hagerling. 241,943; Mar. 1.
Tire patches, tube patches, tire-repair kits, etc. Fisk Rubber Company. 243,148; Mar. 1.

CLASS 36.

Educational chart in the form of phonograph records. A. E. Ambalov. 226,120; Mar. 1.
Musical instruments. Lyon & Healy, Inc. 225,616; Mar. 1.
Musical instruments and supplies. M. Waterson. 226,758; Mar. 1.

CLASS 37.

Notebooks, chalk holders, and rulers. Reeves & Sons Limited. 221,772; Mar. 1.
Paper. W. A. Hermanson. 242,431; Mar. 1.
Paper, Book and printing. Perkins Goodwin Company. 242,021; Mar. 1.
Paper, Tissue. Brittains, Limited. 241,560; Mar. 1.
Supplies, pass books, check books, etc., Bank. Continental Bank-Supply Company. 219,060; Mar. 1.

CLASS 38.

Books, prints. Sign of the Mermaid. 232,357; Mar. 1.
Coupons, Bank. Bank Credits Title Company. 241,313; Mar. 1.
Magazine. Meadow Press, Inc. 240,674; Mar. 1.
Magazine articles and other writings, Printed and typed. W. Holmes. 241,053; Mar. 1.
Magazines. American News Company. 240,334; Mar. 1.
Newspaper column. Los Angeles Examiner. 237,608–9; Mar. 1.
Printed matter. F. H. W. Clark. 239,260; Mar. 1.
Publication. E. Ennis. 241,295; Mar. 1.
Publication. United Engineering & Foundry Company. 237,004; Mar. 1.
Publication, Monthly. Wall Street Iconoclast. 235,007; Mar. 1.

CLASS 39.

Coats, vests, trousers, etc., for men and young men. Eisenberg & Anderson. 233,537; Mar. 1.
Dresses, rompers, and boys' suits, Children's. Wilson-Collier Co. Inc. 242,264; Mar. 1.
Hosiery. Bear Brand Hosiery Co. 242,518; Mar. 1.
Hosiery. Interwoven Stocking Company. 242,340; Mar. 1.
Hosiery. A. Kobb. 242,670; Mar. 1.
Hosiery. Peck & Peck. 242,251; Mar. 1.
Hosiery. Daisy Whitehead Knitting Co. 242,574; Mar. 1.
Hosiery and underwear. Colton & Bernie, Inc. 242,708; Mar. 1.
Overalls and work shirts. Harlin & Williams. 242,586; Mar. 1.
Shoes and pumps. Menihan Company. 241,061; Mar. 1.
Slippers, Leather. E. Bandler. 241,312; Mar. 1.
Soles, etc., Whole and half. J. E. Rhoads & Sons. 241,675; Mar. 1.
Suits, Bathing. Niagara Knitting Co. 242,204; Mar. 1.

CLASS 40.

Hair bands made of celluloid or like material. L. Skaruda. 241,446; Mar. 1.
Needles, Hand sewing. L. Lammertz. 240,727; Mar. 1.

CLASS 42.

Cotton, cotton and silk, and cotton and rayon fabrics. Turner & Vandam, Inc. 239,869; Mar. 1.
Silk crepe in the piece. Jas. G. Johnson & Co. 242,891; Mar. 1.
Towels, bedspreads, etc. F. Tausend. 241,009; Mar. 1.
Woolen piece goods. Everett Norfolk Company. 240,906; Mar. 1.
Woolen piece goods. Forstmann & Huffmann Company. 242,421; Mar. 1.

CLASS 45.

Beverage. J. F. Bloodworth. 238,769; Mar. 1.
Beverage. Keen Kola Manufacturing Company. 238,504–6; Mar. 1.
Beverages. Aceda Company. 238,563; Mar. 1.
Beverages. Henry-Brown Company. 242,831; Mar. 1.
Beverages. S. A. Jessup. 242,785; Mar. 1.
Extracts, sirups, and concentrates for making beverages. H. C. Schranck Company. 239,890; Mar. 1.
Ginger ale. Hotel Sherman Co. 242,832; Mar. 1.

CLASS 46.

Alimentary products. Chicago Macaroni Co. 241,986; Mar. 1.
Bread. Great Atlantic & Pacific Tea Co. 242,291; Mar. 1.
Candy. Bullock's. 223,460; Mar. 1.
Candy. Junior Candy Company. 236,263; Mar. 1.
Candy. Pensacola Candy Co. 241,900; Mar. 1.
Candy bars. Coxon Corporation. 223,371; Mar. 1.
Candy, Fig. Gordon, Wolf, Cowen Co. Inc. 241,616; Mar. 1.
Candy sucker. F. S. Barbaro. 235,722; Mar. 1.
Canned caviar. Meyer & Lange, Inc. 240,825; Mar. 1.
Canned corn, peas, red kidney beans, etc. Inderrieden Canning Co. 238,906; Mar. 1.
Canned fish. Sebastian Stuart Fish Co. 237,196; Mar. 1.
Canned fruits and vegetables, fruit preserves, dried vegetables, etc. Edward W. Brown Co. 211,015; Mar. 1.
Canned mushrooms. E. H. Jacob. 242,131; Mar. 1.
Canned pumpkin, string beans, hominy, etc. Rasse Wholesale Grocer Co. 238,742; Mar. 1.
Canned tunny fish. N. Tatsukawa. 180,598; Mar. 1.
Canned vegetables. R. C. Williams & Co. Inc. 238,631; Mar. 1.
Canned vegetables and berries. Sanborn-Cutting Company. 223,869; Mar. 1.
Cocoa, pastries, confectionery, etc. "Sarotti" Aktiengesellschaft. 232,795; Mar. 1.
Coffee. B. H. Karmen. 242,939; Mar. 1.
Confection. Angleton Fig Company. 242,701; Mar. 1.
Flavoring. Hershey Chocolate Company. 233,075; Mar. 1.
Flour, Self-rising pancake, buckwheat, cake, biscuit, etc. Teco Foods, Inc. 238,243; Mar. 1.
Fruits, melons, lettuce, tomatoes, cucumbers, peas, etc., Fresh citrous and deciduous. Yaqui Fruit Co. 217,127; Mar. 1.
Gum, Chewing. American Chicle Company. 236,980; Mar. 1.
Gum, Chewing. American Chicle Company. 238,564; Mar. 1.
Gum, Chewing. American Chicle Company. 238,887; Mar. 1.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Gum, Chewing. American Yeast Gum Company. 240,940; Mar. 1.
Hays and ground feeds. Mason Alfalfa Process Company. 242,383; Mar. 1.
Ice cream, whipped cream, butter, etc. Rio Grande Valley Dairy Association. 242,852; Mar. 1.
Jelly powders. Enzo Jel Company. 241,147; Mar. 1.
Melons and vegetables, Fresh. E. E. Whitted. 234,180; Mar. 1.
Mustard. R. T. French Company. 239,978; Mar. 1.
Oil, Olive. R. W. Gerard. 241,527; Mar. 1.
Paste products, Alimentary. Tharinger Macaroni Company. 239,494; Mar. 1.
Salad oil. Hakoach Kosher Food Products Co. Inc. 240,352; Mar. 1.
Sirup for food purposes, Malt. Valentin Blatz Brewing Company. 242,079; Mar. 1.
Tea, cocoa, spices, canned fruits, etc. Forbes Bros. Tea & Spice Co. 236,475–7; Mar. 1.
Vegetables. R. J. Richards. 226,874; Mar. 1.
Vegetables, Fresh. W. E. McDavitt. 234,219; Mar. 1.
Vegetables, Fresh. Sealinas Land Company. 243,286; Mar. 1.
Vegetables, Fresh. Southern Sweet Potato Exchange Incorporated. 239,152; Mar. 1.
Vinegar. W. Marti. 237,430; Mar. 1.
Yeast. Universal Yeast Corporation. 242,400; Mar. 1.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 1ST DAY OF MARCH, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Aaron, Maurice F., Mizpah, N. J. Automobile seat-cushion cover. 1,619,556; Mar. 1.
Abbott, Robert H. (See Buchanan, J. R and Abbott.)
Abramson, Nathan, Brooklyn, N. Y. Flashing plug. 1,619,778; Mar. 1.
Actien Gesellschaft "Neptun" Schiffswerft und Maschinenfabrik. (See Wodke, Otto, assignor.)
Adams, Harry E., assignor to The W. G. Nagel Electric Company, Toledo, Ohio. Rheostat. 1,618,967; Mar. 1.
Adams, Morton L., Seattle, Wash. Lubricator. 1,619,779; Mar. 1.
Adams, Ross W. (See Anderson E., and Adams.)
Adco, Limited. (See Richards, E. H., and Hutchinson, assignors.)
Adlof, Frederick W., New Brighton, Pa. Circular saw. 1,619,780; Mar. 1.
Aetna Automatic Oil Burner, Incorporated. (See Scheminger, John, jr., assignor.)
Agar, Calvin A., West Orange, N. J. Shipping member. 1,619,011; Mar. 1.
Aglow, Harry, New York, N. Y., assignor to The New York Lighting Fixture Mfg. Co. Chandelier. Des. 72,077; Mar. 1.
Aglow, Harry, New York, N. Y., assignor to The New York Lighting Fixture Mfg. Co. Lighting-fixture backplate. Des. 72,078; Mar. 1.
Air Reduction Company. (See Van Nuys, Claude C., assignor.)
Akashi, Kazue, Tokyo, Japan. Beam compass. 1,619,392; Mar. 1.
Aktiebolaget Formator. (See Granstedt, Erik, assignor.)
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Ekström, G. C., Öström, and Johnson, assignors.)
Aktiebolaget Stille-Werner. (See Brunskog, V. H. M., and Nordin, assignors.)
Alexander, Jesse, Los Angeles, Calif. Ribbon-operating mechanism for typewriting machines. 1,619,174; Mar. 1.
Alfonso, Ernest M., Brooklyn, N. Y. Compression faucet. 1,619,781; Mar. 1.
Alland, Maurice, Atlantic City, N. J. Fountain pen. 1,619,323; Mar. 1.
Allen, Durward M., assignor of one-half to F. N. Gilbert, Binghamton, N. Y. Mop for baseboards. 1,619,324; Mar. 1.
Allen, John H. (See Riegel, Samuel S., assignor.)
Alvey Manufacturing Company. (See Bohn, William J., assignor.)
American Arch Company. (See Willett, Alfred H., assignor.)
American Auto Trimming Company. (See Best, Frank A., assignor.)
American Auto Trimming Company. (See Plumb, Milton M., assignor.)
American Can Company. (See Widell, M. E., and Rudolphi, assignors.)
American Lead Pencil Company. (See Roche, John, assignor.)
American Lithographic Company. (See Intemann, William, assignor.)
American Optical Company. (See Gagnon, Louis L., assignor.)
American Optical Company. (See Hill, Harry W., assignor.)
American Optical Company. (See Maynard, Albert E., assignor.)
American Optical Company. (See Peterson, Frank E., assignor.)
American Telephone and Telegraph Company. (See Crisson, George, assignor.)
American Telephone and Telegraph Company. (See Deardorff, Ralph W., assignor.)
American Telephone and Telegraph Company. (See Nyquist, Harry, assignor.)
Ames, B. C., Co. (See Robbins, Chester C., assignor.)
Amity Leather Products Co. (See Rolfs, Robert H. and H. J., assignors.)
Amsler-Morton Company, The. (See Morton, William A., assignor.)
Anderson, David L., assignor to Intertype Corporation, Brooklyn, N. Y. Assembling elevator gate for typographical machines. 1,619,646; Mar. 1.
Anderson, Edward, and R. W. Adams, Minneapolis, Minn. Vegetable and soap slicing machine. 1,619,557; Mar. 1.
Anderson, Gustaf A., Baltimore, Md., assignor, by mesne assignments, to The Symington Company. Truck side frame. 1,619,688; Mar. 1.
Anderson, J. Alfred. (See Martikainen, Janne, assignor.)
Anderson, John B., Moline, Ill. Amusement device. 1,619,325; Mar. 1.
Anderson, Sigurd E., assignor to New Monarch Machine & Stamping Company, Des Moines, Iowa. Loader attachment for tractors. 1,619,786; Mar. 1.
Angle, Glenn D., Dayton, Ohio. Crank-case construction. 1,619,012; Mar. 1.
Apollo Holding Corporation. (See McCrery, H. E., Jesser, and Montgomery, assignors.)
Arca Regulators, Inc. (See Lindsay, Thomas, assignor.)
Archer, Thomas P., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Handle assembly. 1,619,097; Mar. 1.
Archila, Fulgencio, Bogota, Colombia. Waterproof case. 1,619,782; Mar. 1.
Armington, Arthur P., Willoughby, assignor to The Euclid Crane & Hoist Company, Euclid Village, Ohio. Auxiliary rim and attaching same. 1,619,175; Mar. 1.
Armstrong Cork Company. (See Humphreys, Harry S., assignor.)
Armstrong, Frank H., Auburn, assignor, by mesne assignments, to L C Smith & Corona Typewriter Inc., Syracuse, N. Y. Typewriting machine. 1,619,013; Mar. 1.
Aronson, Louis Y., Newark, N. J. Spinning toy. 1,619,689; Mar. 1.
Asprooth, Axel H., Baltimore, Md., and A. M. Leoni; said Leoni, assignor to Electro-Motive Devices, Inc., Philadelphia, Pa. Balanced rear-axle drive. 1,619,051; Mar. 1.
Atwell, Henry K., Syracuse, N. Y. Trousers for athletes. 1,619,176; Mar. 1.
Austin, Gilbert E., Atascadero, Calif. Novelty doll. 1,619,393; Mar. 1.
Autopoint Company. (See Kaufmann, M. M., Lynn, and Deli, assignors.)
Avery, True M., assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Sift-proof bag. 1,619,177;
Ayling & Reichert Company. (See Manchester, Clyde C., assignor.)
Ayres, Arthur H. (See Jones, L. D., and Ayres.)
Babcock & Wilcox Company. (See Dickson, George H., assignor.)
Backhaus, Arthur A., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Revivifying carbon used in purifying ethylene. 1,619,326; Mar. 1.
Backhaus, Arthur A., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Revivifying carbon. 1,619,327; Mar. 1.
Badger, William R., Hubbard, Ohio. Dental plate retainer. 1,619,647; Mar. 1.
Baffetti, Achille A., Chicago, Ill. Vulcanizer. 1,619,231; Mar. 1.
Bagley and Sewall Company, The. (See Valentine, Charles W., assignor.)
Baker, Clyde J., Wellington, Tex. Cotton cleaner. 1,619,178; Mar. 1.
Baker, Milo A., Los Angeles, Calif. Fabricating structural members. 1,619,232; Mar. 1.
Baker, Norman G., Muscatine, Iowa. Tracker bar. 1,619,690; Mar. 1.
Baker-Vawter Company. (See Steenrod, William J., assignor.)
Baker, William J. (See Harriger, M. W., and Baker.)
Balston, Clyde C., New York, N. Y. Typewriting machine. 1,619,691; Mar. 1.
Bancel, Paul A., Nutley, and J. F. Kirgan, Phillipsburg, assignors to Ingersoll-Rand Company, Jersey City, N. J. Pump controller. 1,619,098; Mar. 1.
Bangerter, Adolf, New Brighton, N. Y. Mechanical toy. 1,619,179; Mar. 1.
Bardsley, Henry, Providence, R. I., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom dobby. 1,619,394; Mar. 1.
Barrett, William C., Chicago, Ill. Curtain fixture. 1,619,456; Mar. 1.
Barringer, Lawrence E., Schenectady, and C. F. Peterson, Scotia, N. Y., assignor to General Electric Co. Making molded compositions. 1,619,692; Mar. 1.
Barrows, Donald S., Rochester, N. Y., assignor, by mesne assignments, to The Symington Company. Carry iron. 1,619,693; Mar. 1.
Bartels, Reinhard E., Lynn, Mass. Incorporating a shank stiffener with a shoe sole. 1,619,648; Mar. 1.
Bartels, William, New York, N. Y. Tool. 1,619,395; Mar. 1.
Bassan, Mordecai, Brooklyn, N. Y. Packing rugs, etc. 1,618,972; Mar. 1.

Bassick Manufacturing Company, The. (See Zerk, Oscar, assignor.)
Baum, Ewald G., assignor to Seal-Kap Company, Natick, Mass. Bottle cap. 1,619,283; Mar. 1.
Bean, Leon H., New York, N. Y., assignor to Hollander-Langee, Inc. Machine for making buttons. 1,619,233; Mar. 1.
Beardmore, William. (See Chorlton, Alan E. L., assignor.)
Beardslee Chandelier Manufacturing Company. (See Dvorak, Anton, assignor.)
Beaudet, Theodore F. X., Blaine, Wash. Gold washer. 1,619,558; Mar. 1.
Beebe, Leslie W., Oak Park, Ill. Liquid-control system. 1,619,234; Mar. 1.
Beck, Charles W., Toledo, Ohio, assignor to Beck-Frost Corporation, Detroit, Mich. Oil-can holder. 1,619,099; Mar. 1.
Beck-Frost Corporation. (See Beck, Charles W., assignor.)
Beck, Joseph M. (See Combs, W. F., and Beck.)
Beck, Michael, Minneapolis, Minn. Vaporizer and pre-heater for internal-combustion engines. 1,619,496; Mar. 1.
Bell, Harvey W., Ardsley-on-Hudson, N. Y., assignor to The Beloyt Corporation, Dover, Del. Flexible coupling. 1,619,457; Mar. 1.
Bell, John E., Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill. Evaporative condenser. 1,619,284; Mar. 1.
Bell, John E., Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill. Apparatus and process for fractional distillation and condensation. 1,619,396; Mar. 1.
Beloyt Corporation, The. (See Bell, Harvey W., assignor.)
Benckenstein, Charles H., Vinton, La. Core barrel. 1,619,328; Mar. 1.
Benussi, Andrew, Brooklyn, N. Y. Bath mit. 1,619,180; Mar. 1.
Beretz, John, Blair, W. Va. Combination tool. 1,619,181; Mar. 1.
Berger, Samuel I., Newark, N. J. Mechanical Toy. 1,619,694; Mar. 1.
Bergstrom, Nathan H., Neenah, Wis. Cylinder for paper-pulp machines. 1,619,052; Mar. 1.
Bernhard, John B., Warren, assignor to Ironton Bernhard Boiler Company, Ironton, Ohio. Sectional heating boiler. 1,619,235; Mar. 1.
Berry, John L., and W. Holden, Andover, Mass. Apparatus for removing and inserting electric bulbs. 1,619,559; Mar. 1.
Best, Frank A., Ford, Ontario, Canada, assignor to American Auto Trimming Company, Detroit, Mich. Convertible vehicle body. 1,619,182; Mar. 1.
Bethel, Claude, Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Railway-motor mounting. 1,619,397; Mar. 1.
Bethlehem Steel Company. (See Coffey, John J., assignor.)
Bethlehem Steel Company. (See Kinney, James A., assignor.)
Beveridge, James, Richmond, Va. Lining material for alkali-recovery furnaces. 1,619,785; Mar. 1.
Bignell, Edward, Lincoln, assignor to Concrete Piling Co., Seward, Nebr. Pile. 1,619,053; Mar. 1.
Bigney, Sidney O., assignor to S. O. Bigney & Company, Attleboro, Mass. Bracelet hook. 1,619,014; Mar. 1.
Bigney, S. O., & Company. (See Bigney, Sidney O., assignor.)
Blabon, George W., Company, The. (See Tamberlin, John, assignor.)
Blackhawk Manufacturing Co. (See Pfauser, Edward M., assignor.)
Blacklock, Thomas. (See Guy, H. L., and Blacklock.)
Blair, Robert S. (See Wells, Burling D., assignor.)
Blair, Thomas P., San Diego, Calif. Floor heater. 1,619,593; Mar. 1.
Blake, C. C., Incorporated. (See Blake, Charles C., assignor.)
Blake, Charles C., Brookline, assignor to C. C. Blake, Incorporated, Boston, Mass. Seam. 1,619,497; Mar. 1.
Blakeslee, George R., executor. (See Blakeslee, George S.)
Blakeslee, George S., deceased, Oak Park, Ill.; G. R. Blakeslee, executor. Dishwashing machine. 1,619,236; Mar. 1.
Blaskewitz, William. (See Groehn, O. J., and Blaskewitz.)
Blecker, Herbert E., New York, N. Y. Fish-catching apparatus. 1,619,560; Mar. 1.
Blecksmith, Arthur F. (See Sperti, George, assignor.)
Blest, Minot C., Bellevue, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Discharge device for tanks. 1,619,054; Mar. 1.
Blest, Minot C., Bellevue, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Poke-hole cover. 1,619,055; Mar. 1.
Block, William, Chicago, Ill. Spindle for lighting fixtures. Des. 72,079; Mar. 1.
Block, William, Chicago, Ill. Lamp bracket. Des. 72,080; Mar. 1.
Block, William, Chicago, Ill. Lamp base. Des. 72,081; Mar. 1.
Block, William, Chicago, Ill. Lamp base. Des. 72,082; Mar. 1.
Bocchino, Ernest, assignor of one-third to S. Tolino, Newark, N. J. Clown and animal toy. Des. 72,083; Mar. 1.
Boese, Albert T. and P. H., Hutchinson, Kans. Gauge. 1,619,695; Mar. 1.
Boese, Peter H. (See Boese, Albert T. and P. H.)
Bohl, Hugo, Westfield, N. J., assignor to Radiant Lighting Fixture Co., New York, N. Y. Lighting-fixture bracket. Des. 72,084; Mar. 1.
Bohn, William J., assignor to Alvey Manufacturing Company, St. Louis, Mo. Loading device. 1,619,015; Mar. 1.
Bolz, Julius A., Everett, Mass. Trunk. 1,619,561; Mar. 1.
Bond, David G., Quitsna, N. C. Traffic signal. 1,619,562; Mar. 1.
Bonnard, Alfred H. (See Bonnard, Leonard H., assignor.)
Bonnard, Leonard H., assignor of one-half to A. H. Bonnard, London, England. Manufacture of vegetable carbon. 1,619,649; Mar. 1.
Bono, Andrew, Brooklyn, N. Y. Shoe heel. 1,619,458; Mar. 1.
Boston Electric Heating Corporation. See Heath, Donald B., assignor.)
Bouton, Edgar M., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,619,398; Mar. 1.
Bowen, Ernest W., Chiswick, London, England. Mechanism for converting rotary motion into combined reciprocating and oscillating motion and vice versa. 1,619,696; Mar. 1.
Brace, Porter H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Production of thin steel. 1,619,899; Mar. 1.
Braden, Joseph F. (See Julland, John, assignor.)
Bradner, Donald B., and N. E. Oglesby, Edgewood, Md. Producing smoke clouds from moving aircraft. 1,619,183; Mar. 1.
Bragg, George E., Cincinnati, Ohio. Internal-combustion rotary motor. 1,619,237; Mar. 1.
Bragg, Gilbert A., East Orange, N. J., assignor to Metals Recovery Company, New York, N. Y. Concentration of slimes by flotation. 1,619,790; Mar. 1.
Brandes Laboratories, Inc. (See Rypinski, Maurice C., assignor.)
Brandes Laboratories, Inc. (See Stevenson, Harry, assignor.)
Bregman, Harry, Lorain, Ohio, assignor to The Steel Stamping Company. Toy pistol. 1,619,184; Mar. 1.
Breil, Wilhelm, Essen-Bredeney, Germany. Tubbing. 1,618,973; Mar. 1.
Breslauer, Joseph, assignor to Compagnie de l'Azote et des Fertilisants S. A., Geneva, Switzerland. Removing the dust from calcium cyanamide and deodorizing the same. 1,619,185; Mar. 1.
Bricca, Tobias J., and J. C. Favilla, San Francisco, Calif. Combination automobile trunk and table. 1,619,186; Mar. 1.
Briggs, George W., Nanuet, N. Y. Pliers. 1,619,400; Mar. 1.
Bright, C. Laco, et al. (See Jones, Leslie W., assignor.)
Broad, William, Beaver Falls, assignor of three-fourths to H. E. McLain, Pittsburgh, Pa. Testing instrument. 1,619,699; Mar. 1.
Bronstien, Edward L., St. Paul, Minn. Attachment for bed springs. 1,619,187; Mar. 1.
Brown Company. (See Moore, Hugh K., assignor.)
Brown, Harold, Kansas City, Kans. Safety device for automobiles. 1,619,097; Mar. 1.
Browne, Le Roy, Troy, N. Y. Nonskid cross-chain hook. 1,619,188; Mar. 1.
Brügmann, William F., Evanston, Ill. Printing-plate holder and clamp. 1,619,650; Mar. 1.
Brunskog, Victor H. M., and J. A. Nordin, assignors to Aktiebolaget Stille Werner, Stockholm, Sweden. Grinding apparatus for meat-slicing machines and the like. 1,619,056; Mar. 1.
Brush, Mittie T., Dublin, N. H. Aircraft. 1,619,100; Mar. 1.
Brysilka, Limited. (See Schubert, Friedrich W., assignor.)
Buchanan, Jerome R., and R. H. Abbott, Los Angeles, Calif. Electric-light bracket. Des. 72,085; Mar. 1.
Buchanan, Jerome R., and R. H. Abbott, Los Angeles, Calif. Bobeche for Electric-Light fixtures. Des. 72,086; Mar. 1.
Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
Budd Wheel Company. (See Ludwick, Herbert V., assignor.)
Buechele, Edward E., West View, and S. A. Martin, Bradfordwoods, Pa. Earth anchor for structural towers. 1,619,651; Mar. 1.
Buechler, Emil, Chicago, Ill. Weigh-scale platform. 1,619,594; Mar. 1.
Burdwise, Aaron, assignor to Musical Manufacturers' Corporation, Baltimore, Md. Fastening connecter for strings of musical instruments. 1,619,563; Mar. 1.
Burks, Arthur W., Decatur, Ill. Pump. 1,619,285; Mar. 1.
Burks, Arthur W., Decatur, Ill. Pump. 1,619,286; Mar. 1.

Burns, William A., London, assignor, by mesne assignments, to C. Gold, Ravens, England. Sign. 1,619,189; Mar. 1.
Burroughs Adding Machine Company. (See Horton, Allen A., assignor.)
Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Intermittent inductive train control. 1,619,698; Mar. 1.
Buss, August, Detroit, Mich. Circulating drip vent. 1,619,238; Mar. 1.
Butcher, Charles A., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Automatic station. 1,619,459; Mar. 1.
Butler, Charles R. (See Rasmussen, Chester A., assignor.)
By-Products Recovery Company. (See Resines, Francis J., assignor.)
Byrne, Manufacturing Company, The. (See Dillhoefer, Henry M., assignor.)
Cage Engine Syndicate, Inc. (See Cage, John M., assignor.)
Cage, John M., Ford City, Ontario, Canada, assignor to Cage Engine Syndicate, Inc., New York, N. Y. Internal-combustion engine and means for supplying charge thereto. 1,619,460; Mar. 1.
Cahusac, Clarence N., assignor to U. S. Tool Company, Inc., Newark, N. J. Variable condenser. 1,618,974; Mar. 1.
Cairncross, Robert L., Chicago, Ill. Rail-joint spring. 1,619,595; Mar. 1.
Cameron Machine Company. (See Stocker, William M., assignor.)
Campbell, Burt C., Cleveland, Ohio. Electrically-operated clock. 1,619,564; Mar. 1.
Campbell-Cooney Patents Co. (See Cooney, Robert K., assignor.)
Campbell, William E., San Diego, assignor of one-third to A. Hicks, San Diego, Calif. Metal-lath corner strip. 1,619,401; Mar. 1.
Carlton, Jack C., assignor to The Carlton Machine Tool Company, Cincinnati, Ohio. Radial drill. 1,619,190; Mar. 1.
Carlton Machine Tool Company, The. (See Carlton, Jack C., assignor.)
Carr Fastener Company. (See Carr, Moses F., assignor.)
Carr, John G. (See Hart, Clyde, assignor.)
Carr, Moses F., Lexington, assignor to Carr Fastener Company, Cambridge, Mass. Stud. Re16,561; Mar. 1.
Carter, Benjamin C., London, England. Centrifugal separator. 1,619,652; Mar. 1.
Carter, George W., Canonsburg, Pa. Chair brace. 1,619,402; Mar. 1.
Cass, Christopher P., Berkeley, Calif., and J. F. Craig, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake device. 1,619,239; Mar. 1.
Castricum, Martin, Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Manufacture of weftless cord fabric. 1,619,191; Mar. 1.
Castricum, Martin, Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Delivering moving webs. 1,619,192; Mar. 1.
Challis, Philip, Victoria, London, England. Spark plug. 1,619,653; Mar. 1.
Chandler and Price Company, The. (See Frackelton, R. J., and Sixt, assignors.)
Chandler, Daniel L., Boston, Mass., assignor, by mesne assignments, to Vend Ads Corp. Fraud-preventing device. 1,619,654; Mar. 1.
Chandler, Daniel L., Boston, Mass., assignor to Vent-Ads Co., Inc., Worcester, Mass. Fraud-preventing device for vending machines. 1,619,655; Mar. 1.
Chapin, Alfred V., San Antonio, Tex. Carburetor. 1,619,329; Mar. 1.
Chapin, Alfred V., San Antonio, Tex. Auxiliary air and fume supply for explosive engines. 1,619,330; Mar. 1.
Chapin, Fenton G., East St. Louis, Ill. Door-locking mechanism. 1,619,596; Mar. 1.
Charter, Thomas E., Cedar Rapids, Iowa. Hose-repair clamp. 1,619,287; Mar. 1.
Chase, Herbert, Forest Hills, N. Y. Toy building. 1,619,101; Mar. 1.
Chase, William G., Oak Park, Ill. Tire chain. 1,619,783; Mar. 1.
Chemical Machinery Corporation. (See Field, Crosby, assignor.)
Chenoweth, Alexander C., deceased, New York, N. Y.; C. R. Chenoweth, administratrix. Method of and apparatus for laying protective coverings. 1,619,331; Mar. 1.
Chenoweth, Catharine R., administratrix. (See Chenoweth, Alexander C.)
Chicago-Cleveland Car Roofing Company. (See Williams, T. H., and Wright, assignors.)
Chicago Pneumatic Tool Company. (See Davenport, Ransom W., assignor.)
Chorlton, Alan E. L., London, England. Variable-speed gear and controlling the same. 1,619,701; Mar. 1.
Chorlton, Alan E. L., London, England. Reversing gear for internal-combustion-engine locomotives. 1,619,702; Mar. 1.
Chorlton, Alan E. L., London, England. Power-transmission mechanism. 1,619,703; Mar. 1.
Chorlton, Alan E. L., assignor of one-half to W. Beardmore, London, England. Internal-combustion-engine locomotive. 1,619,704; Mar. 1.
Chorlton, Alan E. L., London, England. Internal-combustion-engine locomotive. 1,619,705; Mar. 1.
Chvojka, Joseph, Philadelphia, Pa. Aerial advertiser. 1,619,565; Mar. 1.
Cizek, John V., Clutier, Iowa. Adjustable bolster standard for wagons. 1,619,288; Mar. 1.
Clark, James E. (See Clark, Thomas E. and J. E.)
Clark, Mickle, Chicago, Ill. Electrical condenser. 1,619,597; Mar. 1.
Clark, Thomas E., assignor to Continuous Train Control Corporation, Detroit, Mich. Train-control apparatus. 1,619,290; Mar. 1.
Clark, Thomas E. and J. E., assignors to Continuous Train Control Corporation, Detroit, Mich. Train-control system. 1,619,289; Mar. 1.
Clay, Noble S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wood-veneer propeller. 1,618,968; Mar. 1.
Clayton & Lambert Manufacturing Company. (See Groehn, O. J., and Blaskewitz, assignors.)
Clement, Lewis M. (See Williams, S. B., and Clement.)
Climax Engineering Company. (See Waters, Harry H., assignor.)
Cline, Allan J., Chicago, and J. A. Hollander, Forest Park, assignors to Cline Electric Manufacturing Company, Chicago, Ill. Web-tension equipment for printing presses. 1,618,975; Mar. 1.
Cline Electric Manufacturing Company. (See Cline, A. J., and Hollander, assignors.)
Coates, Erwin F., St. Paul, Minn. Collar button. 1,619,706; Mar. 1.
Codina, Peter, assignor to Illinois Cork Co., Chicago, Ill. Capped swab or dauber. 1,618,977; Mar. 1.
Coffey, John J., assignor to Bethlehem Steel Company, Bethlehem, Pa. Milling machine. 1,619,057; Mar. 1.
Collins, James H., Fullerton, assignor to W. D. Shaffer, Brea, Calif. Pump-rod-rotating device. 1,619,700; Mar. 1.
Colline, Walter H. (See Moore, Max J., assignor.)
Columbia Phonograph Company. (See Cowan, Charles H., assignor.)
Columbia Phonograph Company. (See Mowits, Albert C., assignor.)
Combs, William F., and J. M. Beck, Eureka, Utah. Radiator filler. 1,619,498; Mar. 1.
Commercial Shearing & Stamping Company. (See Proctor, R. V., and Schaab, assignors.)
Commercial Truck Company. (See Whitney, Eddy R., assignor.)
Compagnie de l'Azote et des Fertilisants S. A. (See Breslauer, Joseph, assignor.)
Concrete Piling Co. (See Bignell, Edward, assignor.)
Conlon, Thomas A., Silver Spring, Md. Loader for guns. 1,619,193; Mar. 1.
Consolidated Paper Company, The. (See Jones, James F., assignor.)
Continental Can Company. (See Fink, Henry A., assignor.)
Continuous Train Control Corporation. (See Clark, Thomas E., assignor.)
Continuous Train Control Corporation. (See Clark, Thomas E. and J. E., assignors.)
Cooney, Robert K., Toledo, Ohio, assignor to Campbell-Cooney Patents Co., Homer, Mich. Butter and cream treating process. Re16,562; Mar. 1.
Corbett, Edward L., et al. (See McDonald, John C., assignor.)
Cornego, Manuel F., St. Louis, Mo. Assembling piston rings for finishing. 1,619,240; Mar. 1.
Coughlin, William G., Philadelphia, Pa. Rail. 1,619,403; Mar. 1.
Counts, Charles B., assignor of one-half to H. B. Easterling, Hampton, Ark. Door for cottonseed boxes. 1,619,784; Mar. 1.
Cowan, Charles H., New Rochelle, N. Y., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Cabinet for sound-reproducing mechanism. Des. 72,087; Mar. 1.
Cowan, Charles H., New Rochelle, N. Y., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Cabinet for sound-reproducing mechanism. Des. 72,088; Mar. 1.
Cowan, Charles H., New Rochelle, N. Y., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Cabinet for sound-reproducing mechanism. Des. 72,089; Mar. 1.
Cowley, James T., assignor to The Lamson Company, Syracuse, N. Y. Power-control device for pneumatic-dispatch systems. 1,619,707; Mar. 1.
Craig, John F. (See Cass, C. P., and Craig.)
Crankshaw, Richard L., Dunlewy, Gweedore, Ireland. Golf club. 1,619,566; Mar. 1.
Crawford, Frederick C., and M. P. Graham, Detroit, Mich., assignors to The Steel Products Company, Cleveland, Ohio. Tie rod or the like. 1,619,291; Mar. 1.
Crescent Machine Company, The. (See Wilderson, Clinton G., assignor.)
Crisson, George, Hackensack, N. J., assignor to American Telephone and Telegraph Company. Telephone repeater station. 1,619,058; Mar. 1.

Croan, Walter B., assignor to Drying Systems, Inc., Chicago, Ill. Sheet-metal oil-burning air heater. 1,619,567; Mar. 1.

Crofton, William M., Dublin, Ireland. Carburetor. 1,619,656; Mar. 1.

Crompton & Knowles Loom Works. (See Bardsley, Henry, assignor.)

Crompton & Knowles Loom Works. (See Findlay, G. P., and Johnston, assignors.)

Crow, William M., Cole, S. Dak. Four-horse-wagon evener. 1,619,059; Mar. 1.

Crowe, Leroy J., Monument, Kans. Foot scraper for automobiles. 1,619,404; Mar. 1.

Cumfer, Harry A., Chicago, Ill., assignor of one-half to The Flintkote Company, Boston, Mass. Roofing element. 1,619,598; Mar. 1.

Cumfer, Harry A., Chicago, Ill., assignor of one-half to The Flintkote Company, Boston, Mass. Shingle element. 1,619,599; Mar. 1.

Cumfer, Harry A., Chicago, Ill., assignor of one-half to The Flintkote Company, Boston, Mass. Roofing element. 1,619,600; Mar. 1.

Cumfer, Harry A., Chicago, Ill., assignor of one-half to The Flintkote Company, Boston, Mass. Shingle strip. 1,619,601; Mar. 1.

Cunningham, Arthur B., assignor to Republic Flow Meters Co., Chicago, Ill. Pen lifter for recording instruments 1,619,241; Mar. 1.

Curtis, Lewis E., Milwaukee, Wis., assignor to The Youngstown Pressed Steel Company. Continuous lath-expanding machine. 1,619,499; Mar. 1.

Cutler, Isabella M. (See Cutler, William C., assignor.)

Cutler, William C., assignor to I. M. Cutler, Glendale, Calif. Selective vending machine for stacked articles. 1,619,292; Mar. 1.

Cutler, William C., assignor to I. M. Cutler, Glendale, Calif. Selective dispensing machine. 1,619,293; Mar. 1.

Cutler, William C., assignor to I. M. Cutler, Glendale, Calif. Rotary selecting mechanism for vending machines. 1,619,294; Mar. 1.

Daniel, Royal G., Denver, Colo., assignor to The Underwood Typewriter Company, New York, N. Y. Silencing device for typewriters. 1,619,602; Mar. 1.

Dann, Walter M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transformer radiator. 1,619,332; Mar. 1.

Dann, Walter M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Radiator. 1,619,333; Mar. 1.

Dann, Walter M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transformer radiator. 1,619,334; Mar. 1.

Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Working substance for heat engines. 1,619,194; Mar. 1.

Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Heat engine. 1,619,195; Mar. 1.

Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Transforming heat. 1,619,196; Mar. 1.

Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Heat engine. 1,619,197; Mar. 1.

Davies, David R., Manchester, England, assignor to Westinghouse Electric & Manufacturing Company. Switch contact for circuit breakers. 1,618,969; Mar. 1.

Davies, William R. (See Thomas, H. S., and Davies.)

Davison, Gregory C., New London, Conn. Coin-operated gasoline pump. 1,619,657; Mar. 1.

Dean, John H., Grand Rapids, Mich. Tobacco stemming and booking machine. 1,619,461; Mar. 1.

Deardorff, Ralph W., Kensington, Calif., assignor to American Telephone and Telegraph Company. System of multifrequency circuits. 1,619,060; Mar. 1.

Dedouch, Joseph A., Oak Park, Ill. Expansible fastening. 1,619,568; Mar. 1.

Dedouch, Joseph A., Oak Park, Ill. Expansible fastening. 1,619,569; Mar. 1.

Delco-Remy Corporation. (See Emmert, Rodger J., assignor.)

Delco-Remy Corporation. (See Gomory, Albert B., assignor.)

Dell, Frank C. (See Kaufmann, M. M., Lynn, and Dell.)

Dell, Samuel M., & Co. (See McMillan, Hugh P., assignor.)

De Luxe Clock and Manufacturing Company, The. (See Kohn, Rudolf V., assignor.)

Dembitz, Isidor, New York, N. Y. Lamp shade. 1,618,978; Mar. 1.

Denman, Rene E., Kansas City, Mo. Lingerie clasp. 1,619,242; Mar. 1.

Desautels, Charles H., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Bead mold. 1,619,102; Mar. 1.

Dester, William F., Newark, assignor to U. S. Tool Co., Inc., East Orange, N. J. Safety lighter for gas stoves. 1,618,979; Mar. 1.

Detroit Belt Lacer Co. (See Knott, Frank W., assignor.)

De Zeng, Henry L., Moorestown, assignor to De Zeng Standard Company, Camden, N. J. Diagnostic instrument. 1,618,970; Mar. 1.

De Zeng, Henry L., Moorestown, assignor to De Zeng Standard Company, Camden, N. J. Diagnostic instrument. 1,618,971; Mar. 1.

De Zeng Standard Company. (See De Zeng, Henry L., assignor.)

Dibble, Claude M., assignor to Moore Brothers Company, Joliet, Ill. Stove construction. 1,619,243; Mar. 1.

Dickson, George H., Chicago, Ill., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler baffle. 1,619,463; Mar. 1.

Dietrick, Herman T., Philadelphia, Pa. Combined receptacle opener and fluid conductor. 1,619,708; Mar. 1.

Dillhoefer, Henry M., Cleveland Heights, assignor to The Byrne Manufacturing Company, Cleveland, Ohio. Bung-seat construction. 1,619,603; Mar. 1.

Doherty, Henry L., New York, N. Y. Apparatus for generating steam. 1,619,244; Mar. 1.

Doman, Lewis B., East Syracuse, N. Y. Engine-controlled pneumatically-operated circuit controller. 1,619,103; Mar. 1.

Donathan, William F., Poteau, Okla., assignor to S. J. Graham, Tuckerman, Ark. Vending machine. 1,619,245; Mar. 1.

Donathan, William F., Memphis, Tenn., assignor to S. J. Graham, Tuckerman, Ark. Coin-controlled vending machine. 1,619,246; Mar. 1.

Donathan, William F., Winchester, Tenn., assignor to S. J. Graham, Tuckerman, Ark. Fraud preventer for coin-controlled devices. 1,619,247; Mar. 1.

Donathan, William F., Winchester, Tenn., assignor to S. J. Graham, Tuckerman, Ark. Vending machine. 1,619,248; Mar. 1.

Donnelly, Joseph F., Lemont, Ill. Apparatus for controlling fluids. 1,619,335; Mar. 1.

Dorn, Carl, Halle-on-the-Saale, Germany. Dough-dividing machine. 1,619,104; Mar. 1.

Doujak, Maria, New York, N. Y. Automobile safety attachment. 1,619,709; Mar. 1.

Dow, Charles F., Poughkeepsie, N. Y. Pipe wrench. 1,619,604; Mar. 1.

Drake, Bert E., assignor of one-half to H. D. Tracy, Rockville Center, N. Y. Display device. 1,619,658; Mar. 1.

Drewsen, Viggo, Brooklyn, assignor to West Virginia Pulp and Paper Company, New York, N. Y. Process and apparatus for making concentrated carbon dioxide. 1,619,336; Mar. 1.

Drying Systems, Inc. (See Croan, Walter B., assignor.)

Dubilier Condenser Corporation. (See Fried, Joseph A., assignor.)

Dubilier Condenser Corporation. (See Van Deventer, Harry R., assignor.)

Duchemin, Howard A., Los Angeles, Calif. Building hollow-wall constructions. 1,619,570; Mar. 1.

Duclaux, Jacques, Paris, France. Clarification of beverages. 1,619,016; Mar. 1.

Duff, Lee F., Los Angeles, Calif. Blade holder. 1,619,249; Mar. 1.

Dunham, Bert G., Hawthorne, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,619,250; Mar. 1.

Dunlop, James, assignor to Knestner & Hecht Company, Chicago, Ill. Elevator. 1,619,405; Mar. 1.

Dunten, Charles J. (See Marsh, H. E., and Dunten.)

Du Pont, E. I., de Nemours & Company. (See Pratt, L. S., Weitz, and Mills, assignors.)

Du Pont, E. I., de Nemours & Company. (See Schanche, Herman G., assignor.)

Duro Company, The. (See Eisenhauer, Charles P., assignor.)

Duro Company, The. (See Nicholson, Stanley W., assignor.)

Duryea, William F., Hackensack, N. J. Dust cap. 1,619,710; Mar. 1.

Dvorak, Anton, Berwyn, assignor to Beardslee Chandelier Manufacturing Company, Chicago, Ill. Lighting fixture. 1,619,061; Mar. 1.

Easterling, H. B. (See Counts, Charles B., assignor.)

Eaton Axle and Spring Company, The. (See Weymouth, Harry G., assignor.)

Eclipse Tool Company. (See Ferguson, David, assignor.)

Econopouly, Peter D., Port Jefferson, N. Y. Automatic cut-off for pressure-fluid-supply lines. 1,619,500; Mar. 1.

Edison, Karl, New York, N. Y. Illuminating device. 1,619,198; Mar. 1.

Eggau, Alfred J., Chicago, Ill. Soap container. 1,619,105; Mar. 1.

Eichhorn, Charles, assignor to V. Tosabella, Chicago, Ill. Train-pipe coupling. 1,619,464; Mar. 1.

Eisenhauer, Charles P., assignor to The Duro Company, Dayton, Ohio. Pressure switch. 1,619,465; Mar. 1.

Eisenhauer, Charles P., assignor to The Duro Company, Dayton, Ohio. Compressor. 1,619,466; Mar. 1.

Elder, Earl B., Oak Park, assignor to Elder & Robinson Co., Chicago, Ill. Machine for check weighing and grading by weight. 1,619,787; Mar. 1.

Elder & Robinson Co. (See Elder, Earl B., assignor.)

Eldred, Frank H., and C. Hutchings, Morris, Ill. Automobile radiator ornament. Des. 72,090; Mar. 1.

Electric Refrigeration Corporation. (See Spreen, Charles C., assignor.)

Electro-Motive Devices, Inc. (See Asprooth, A. H., and Leoni, assignors.)

Elektrotrennmaschinen Gesellschaft mit beschränkter Haftung. (See Neiss, Oskar H. L., assignor.)

Ekström, Gunnar C., and G. Örström, Stockholm, and B. A. E. Johnson, Appelviken, assignors to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Packing cigarettes. 1,619,062; Mar. 1.

Emmert, Rodger J., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Armature-commutator-lead-soldering machine. 1,619,406; Mar. 1.

Empire Milking Machine Company. (See Oakes, Ernest C., assignor.)

English, Fred S., New London, Conn. Sheet-delivery mechanism for presses. 1,619,106; Mar. 1.

Engstrom, Elmer, South Windham, Conn. Apparatus for feeding folded paper tubes or the like. 1,619,711; Mar. 1.

Enright, Thomas P., assignor of one-half to J. H. Lawrence and of one-half to E. F. Lawrence, Sterling, Ill. Friction hinge. 1,619,107; Mar. 1.

Ernst, Clemens. (See Schley, F. L., and Ernst.)

Estwick, Charles F., assignor to General Railway Signal Company, Rochester, N. Y. Intermittent inductive train control. 1,619,712; Mar. 1.

Euclid Crane & Hoist Company, The. (See Armington, Arthur P., assignor.)

Evers, Edward H., Cincinnati, Ohio. Radio apparatus. 1,619,407; Mar. 1.

Evans, Humphrey, and H. E. Heilbronner, assignor to Holeproof Hosiery Co., Milwaukee, Wis. Full-fashioned hosiery. 1,619,199; Mar. 1.

Evans, Joseph T., Boise, Idaho. Eyeglasses or spectacles. 1,619,659; Mar. 1.

Evans, Lincoln B. (See Parks, W. J., and Evans.)

Evans, Richard W., Spokane, Wash. Screen for automobiles. 1,619,501; Mar. 1.

Evans, Robert D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Distributing system. 1,619,337; Mar. 1.

Ewertz, Eric H., Elizabeth, N. J. Vessel. 1,619,063; Mar. 1.

Ex-El Company, The. (See Vaughan, Ross, assignor.)

Fabyan, George. (See Gruender, Hubert, assignor.)

Faessler, J., Manufacturing Company, The. (See Maupin, Graves R., assignor.)

Faherty, Michael W., Los Angeles, Calif. Ram. 1,619,605; Mar. 1.

Fairchild, Sherman M., New York, N. Y. Camera. 1,619,108; Mar. 1.

Fairchild, Walter H., Chicago, Ill., assignor to Mid-West Box Company, Anderson, Ind. Lamp wrapper. 1,619,608; Mar. 1.

Fairweather, Charles B., West Chester, assignor of one-half to F. E. Moore, Coatesville, Pa. Vehicle wheel. 1,619,607; Mar. 1.

Fait, John, Glenburnie, Md. Motion-picture-projecting machine. 1,619,606; Mar. 1.

Falconer, Harry W. (See Ross, H. C., and Falconer.)

Faust, Alexander L., assignor to National Marking Machine Company, Cincinnati, Ohio. Laundry Marking-Tag-Attaching Machine. 1,619,251; Mar. 1.

Favilla, Joseph C. (See Bricca, T. J., and Favilla.)

Fay, Richard D., Nahant, Mass., assignor to Submarine Signal Company, Portland, Me. Finding direction. 1,619,017; Mar. 1.

Fedders, John M., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Radiator core. 1,618,980; Mar. 1.

Fedders Manufacturing Company. (See Fedders, John M., assignor.)

Federal Products Corporation. (See Tingley, Leonard C., assignor.)

Fejés, Jenö, Budapest, Hungary. Chassis framing more particularly for motor vehicles. 1,619,609; Mar. 1.

Ferguson, Clarence E., Portland, Oreg. Safety cigarette holder. 1,619,408; Mar. 1.

Ferguson, David, Indianapolis, assignor to Eclipse Tool Company, Indianapolis, Ind. Rolling device for beading operation. 1,619,064; Mar. 1.

Ferguson, David W., Harrold, S. Dak. Ironing board. 1,619,409; Mar. 1.

Ferris, Walter, Milwaukee, Wis. Hydraulic transmission. 1,619,200; Mar. 1.

Festbaukasten Gesellschaft mit beschränkter Haftung. (See Rettig, Max R., assignor.)

Field, Crosby, New York, N. Y., assignor to Chemical Machinery Corporation. High-temperature heating method. 1,619,660; Mar. 1.

Field, Crosby, Yonkers, N. Y., assignor to Chemical Machinery Corporation. Apparatus for heat transfer at high temperature. 1,619,661; Mar. 1.

Field, Crosby, Yonkers, N. Y., assignor to Chemical Corporation. Heating and cooling at high temperatures. 1,619,662; Mar. 1.

Field, Crosby, Yonkers, N. Y assignor to Chemical Machinery Corporation. Apparatus for heating and for controlling reactions at high temperatures. 1,619,663; Mar. 1.

Findlay, George P., and W. W. Johnston, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Knife grinder for looms. 1,619,410; Mar. 1.

Fink, Emil C. (See Masury, A. F., and Fink.)

Fink, Henry A., assignor to Continental Can Company, Inc., Syracuse, N. Y. Sealed metal containers. 1,619,411; Mar. 1.

Fink, Henry A., assignor to Continental Can Company, Inc., Syracuse, N. Y. Sealed metal containers. 1,619,412; Mar. 1.

Fisk Rubber Company, The. (See Castricum, Martin, assignor.)

Fisk Rubber Company, The. (See Desautels, Charles H., assignor.)

Fitts, Walter H., assignor to The Foxboro Company, Foxboro, Mass. Thermometer. 1,619,109; Mar. 1.

Flannery, Martin A., New York, assignor to Will & Baumer Candle Company Inc., Syracuse, N. Y. Apparatus for cleaning candle receptacles. 1,619,110; Mar. 1.

Flintkote Company, The. Cumfer, Harry A., assignor.)

Forman, Solomon, New York, N. Y. Teapot or coffeepot. 1,619,065; Mar. 1.

Fotch, John M., Chicago, Ill. Automatic air and gas check valve. 1,619,066; Mar. 1.

Foxboro Company, The. (See Fitts, Walter H., assignor.)

Fox, Martin, Chicago, Ill. Concealed hinge. 1,619,502; Mar. 1.

Fox, Rudolph H., Denver, Colo. Rope-guide roller. 1,619,413; Mar. 1.

Frackelton, Robert J., Summit, and F. C. Sixt, assignors to The Chandler and Price Company, Cleveland, Ohio. Adjustable roller track for Gordon printing presses. 1,619,018; Mar. 1.

Franklin, Albert W., assignor to Chas. Freshman Co. Inc., New York, N. Y. Vernier tuning dial. 1,619,338; Mar. 1.

Frean, Norman A., Mount Barker, South Australia, Australia. Trap device for separating water from petrol. 1,619,713; Mar. 1.

Fredericks, Adolf, Monterery Park, Calif. Low-level alarm for gasoline tanks. 1,619,339; Mar. 1.

Freshman, Chas., Co. Inc. (See Franklin, Albert W., assignor.)

Fried, Joseph A., Flushing, assignor to Dubilier Condenser Corporation, New York, N. Y. Condenser. 1,619,201; Mar. 1.

Fritch, James E. (See Fritch, Oscar G. and J. E.)

Fritch, Oscar G. and J. E., Ashland, Nebr. Greenhouse plant-suspension frame. 1,619,791; Mar. 1.

Fritz, Emil F. L., Chicago, Ill. Loading device. 1,619,610; Mar. 1.

Fry, Walter L., New York, N. Y. Brake-testing device. 1,619,714; Mar. 1.

Fuller, Frederick L., Bridgeport, Conn., and W. H. Robertson, Dayton, Ohio, assignors, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash register. 1,619,664; Mar. 1.

Fullerton, Herbert S., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, New York, N. Y. Work holder. 1,619,340; Mar. 1.

Furlong, George D., New Orleans, La. Chair. 1,619,503; Mar. 1.

Gabriel, Adolph, New York, N. Y. Toe slipper. 1,619,665; Mar. 1.

Gabriel, Herbert D., New York, N. Y. Automatically-operated end gate for dump vehicles. 1,619,504; Mar. 1.

Gagl, John, Bronx, N. Y. Photographic apparatus to identify holdup men. 1,619,715; Mar. 1.

Gagnon, Louis L., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,619,341; Gál, Gyula, Szeged, Hungary, assignor of one-half to B. Gellen, New Brunswick, N. J. Rail joint. 1,619,716 Mar. 1.

Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire-building method and apparatus. 1,619,019; Mar. 1.

Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for vulcanizing strip material. 1,619,020; Mar. 1.

Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Doorcheck strap. 1,619,067; Mar. 1.

Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for producing elastic strip material. 1,619,342; Mar. 1.

Ganssen, Robert, Grunewald, Germany. Extraction of ammonium-aluminum sulphate from aluminum-sulphate solutions containing ferric compounds. 1,619,666; Mar. 1.

Gardner, William, Cleveland, Ohio. Apparatus for and reduction of finely-divided material. 1,619,295; Mar. 1.

Garton, John T., Toronto, Ontario, Canada. Floor-finishing apparatus. 1,619,571; Mar. 1.

Gas Research Company, The. (See Smith, Harry F., assignor.)

Gat Gun Lubricating Corporation. (See Hundemer, Walter F., assignor.)

Gauger, Frank A., assignor to Time-O-Stat Corporation, Milwaukee, Wis. Thermostatic control for ovens. 1,619,505; Mar. 1.

Gauld, Harry W., Brandon, Manitoba, Canada. Starter for gas engines. 1,619,414; Mar. 1.

Gaw-O'Harra Envelope Co. (See Olgay, Albert, assignor.)

Gearhart, Ralph W., assignor to Gearhart Sales Cabinet Co. Inc., Clearfield, Pa. Manufacturing, hardening, storing, and dispensing plant for ice cream and other frozen food products. 1,619,717; Mar. 1.

Gearhart Sales Cabinet Co. Inc. (See Gearhart, Ralph W., assignor.)

Gellen, Balint. (See Gál, Gyula, assignor.)

Gemeinder, Emil, Philadelphia, Pa. Lock-up cover for receptacles. 1,619,506; Mar. 1.

General Electric Co. (See Barringer, L. E., and Peterson, assignors.)

General Electric Company. (See Hull, John I., assignor.)

General Electric Company. (See Peterson, Charles F., assignor.)

General Railway Signal Company. (See Bushnell, Charles S., assignor.)

General Railway Signal Company. (See Eatwick, Charles F., assignor.)

General Railway Signal Company. (See Howe, Winthrop K., assignor.)

George, Harry F., Chicago, Ill. Tumbler lock. 1,619,252; Mar. 1.

Gibson, George H., Montclair, N. J. Flow-controlling apparatus. 1,619,253; Mar. 1.

Gilbert, Frank N. (See Allen, Durward M., assignor.)

Gillies, James H., Hobart, Tasmania, Australia. Dirigible headlight. 1,619,068; Mar. 1.

Gillis, Lyle N., Rosecrest, Va. Degumming. 1,619,111; Mar. 1.

Girling, Albert H. G., Harlow, England. Braking mechanism. 1,619,718; Mar. 1.

Glasner, Rudolph W., and J. Nelson, assignors to Marquette Tool & Manufacturing Co., Chicago, Ill. Blank-holding means. 1,619,069; Mar. 1.

Glass, Walter L. (See Rogers, B. W., and Glass.)

Globe Company, The. (See Honold, Gottlob F., assignor.)

Globe Lighting Fixture Mfg. Co. (See Petersen, Thorvald J., assignor.)

Globe Lighting Fixture Mfg. Co. (See Villaret, Gustave E., assignor.)

Gold, Charles. (See Burns, William A., assignor.)

Golding, William H., Merrick, N. Y. Railway-crossing guard. 1,619,070; Mar. 1.

Goldman, Clarence F. (See Mitchell, S. W., Naud, and Goldman.)

Goldman, Matthew S., and E. W. Huttig, assignors to McCallum Decorative Corporation, Pittsburgh, Pa. Display background. 1,619,719; Mar. 1.

Goldsmith, Joseph, Seattle, Wash. Ice-cream cabnet. 1,619,611; Mar. 1.

Goldstein, Samuel, Bronx, N. Y. Necktie fastener. 1,619,667; Mar. 1.

Gomory, Albert B., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Armature-core insulation. 1,619,415; Mar. 1.

Goodman Manufacturing Company. (See Gray, Walter S., assignor.)

Goodman Manufacturing Company. (See Sloane, William W., assignor.)

Goodrich, B. F., Company, The. (See Gammeter, John R., assignor.)

Goodrich, B. F., Company, The. (See Kmentt, Waldemar D., assignor.)

Goodrich, B. F., Company, The. (See Leguillon, Charles W., assignor.)

Goodrich, B. F., Company, The. (See MacDonald, Frank J., assignor.)

Goodrich, B. F., Company, The. (See Mell, Tod J., assignor.)

Goodrich, B. F. Company, The. (See Rogers, B. W., and Glass, assignors.)

Goodrich, B. F., Company, The. (See Scrote, Merle C., assignor.)

Goodwin, Ernest G., Brooklyn, assignor to Standard Coupler Co., New York, N. Y. Friction draft gear. 1,619,112; Mar. 1.

Gordon, Harry L., New York, N. Y. Antiglare attachment for headlights. 1,619,720; Mar. 1.

Gordon, Henry F., Chicago, Ill. Toy navigator. 1,619,668; Mar. 1.

Gorr, John A. (See Huff, William D., assignor.)

Gorton, Walter T., U. S. Army, Springfield, Mass. Mount for machine guns. 1,619,113; Mar. 1.

Gough, Ned E., Seattle, Wash. Valve lifter. 1,619,669; Mar. 1.

Gouldbourn, Joseph, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 1,619,021; Mar. 1.

Graemiger, Benjamin, Zurich, Switzerland. Fluid-flow meter. 1,619,416; Mar. 1.

Graff, Charles, assignor to Graff, Washbourne & Dunn, New York, N. Y. Combined cigar lighter and ash tray. Des. 72,091; Mar. 1.

Graff, Charles, assignor to Graff, Washbourne & Dunn, New York, N. Y. Combined cigar lighter and ash tray. Des. 72,092; Mar. 1.

Graff, Washbourne & Dunn. (See Graff, Charles, assignor.)

Graham, Alfred, et al., executors. (See Graham, Edward A.)

Graham, Edward A., deceased, Brockley, London, England; M. Graham and A. Graham, executors. Telephonic receiver. 1,619,114; Mar. 1.

Graham, Maria, et al., executors. (See Graham, Edward A.)

Graham, Matthew P. (See Crawford, F. C., and Graham.)

Graham, Stephen J. (See Donathan, William F., assignor.)

Grand Rapids Brass Company. (See Osbeck, Elmer C., assignor.)

Granstedt, Erik, assignor to Aktiebolaget Formator, Stockholm, Sweden. Machine for handling tobacco. 1,619,507; Mar. 1.

Graves, Harry S., assignor to Spiral Piston Ring Company, Detroit, Mich. Apparatus for electrically forming spiral piston rings. 1,619,296; Mar. 1.

Gray, Emmet P., Detroit, Mich. Muffler. 1,619,115; Mar. 1.

Gray, Emmet P., Detroit, Mich. Automobile heater. 1,619,116; Mar. 1.

Gray, Emmet P., Detroit, Mich. Valve control. 1,619,117; Mar. 1.

Gray, Walter S., assignor to Goodman Manufacturing Company, Chicago, Ill. Locomotive. 1,619,572; Mar. 1.

Green, William P., et al. (See Pennebaker, George B., assignor.)

Greenstreet, Charles J., Chicago, Ill. Powdered soluble fruit, vegetable, or other edible natural or manufactured substances and making a powdered fruit, vegetable, or other edible substance or composition. 1,619,202; Mar. 1.

Gregersen, Siegfried W., Crookston, Nebr. Repair guard for mowers and the like. 1,619,721; Mar. 1.

Grinoch, Jacob B. and S., Bronx, N. Y. Continuously-sounding piano device. 1,619,722; Mar. 1.

Grinoch, Simon. (See Grinoch, Jacob B. and S.)

Griscom-Russell Company, The. (See Price, Joseph, assignor.)

Groehn, Otto J., and W. Blaskewitz, assignors to Clayton & Lambert Manufacturing Company, Detroit, Mich. Fire-pot construction. 1,618,981; Mar. 1.

Gronberg, Clarence O., assignor of one-third to A. M. Price, Elgin, Ill. Lead pencil. 1,619,508; Mar. 1.

Groves, Lucian S., assignor, by mesne assignments, to Stewart Manufacturing Company, Boston, Mass. Bottle cap. 1,619,509; Mar. 1.

Gruber, Morris M., East Orange, N. J., assignor, by mesne assignments, to Sonora Phonograph Company, Inc., New York, N. Y. Tone arm for phonographs. 1,619,467; Mar. 1.

Grubman, Anton L., Belle Harbor, N. Y., assignor to Voices, Incorporated, Newark, N. J. Sound-producing device. 1,619,203; Mar. 1.

Grubman, Leo J., New York, N. Y., assignor to Voices, Incorporated, Newark, N. J. Sound-producing device. 1,619,204; Mar. 1.

Grudzinski, Alexander, Cambridge Springs, Pa. Thermostatic gasoline valve. 1,619,612; Mar. 1.

Gruender, Hubert, St. Louis, Mo., assignor to G. Fabyn, Geneva, Ill. Color mixer. 1,619,468; Mar. 1.

Grunberg, George, New York, N. Y. Perfume bottle. Des. 72,093; Mar. 1.

Grunberg, George, New York, N. Y. Perfume bottle. Des. 72,096; Mar. 1.

Guinan, Joseph L., Omaha, Nebr. Grain conditioner. 1,619,417; Mar. 1.

Guy, Henry L., and T. Blacklock, Manchester, England, assignor to Westinghouse Electric & Manufacturing Company. Filter. 1,619,118; Mar. 1.

Guy, James A., Semiway, Ky. Buttonhole attachment. 1,619,613; Mar. 1.

Habenicht, August F., Tinley Park, Ill. Automatic relief valve. 1,619,469; Mar. 1.

Haberman, Frank D., Des Moines River Township, Minn. Stub-shoe attachment for runners of corn planters or the like. 1,619,670; Mar. 1.

Hackley, Roy C., San Francisco, Calif. Concrete gun. 1,619,297; Mar. 1.

Hahnemann, Walter, Kitzberg, near Kiel, W. Rudolph and E. Wilckens, assignors to Signal Gesellschaft mit beschränkter Haftung, Kiel, Germany. Device for the production of mechanical vibrations by means of a continuous stream of fluid. 1,618,982; Mar. 1.

Haines, Elizabeth, Concord, Mass. Lid support. 1,619,573; Mar. 1.

Haines, Jones & Cadbury Company. (See Muend, Charles J., assignor.)

Hall, Frank W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Manufacture of aluminum chloride. 1,619,022; Mar. 1.

Hammond, John H., jr., Gloucester, Mass. Angle-indicating device for moving bodies. 1,619,205; Mar. 1.

Hands, Howard A., assignor to Hood Rubber Company, Watertown, Mass. Multiple heater control. 1,619,510; Mar. 1.

Hanley, Michael. (See Miller, J. T., and Hanley.)

Hardinge Brothers, Incorporated. (See Hardinge, Franklin, assignor.)

Hardinge, Franklin, assignor to Hardinge Brothers, Incorporated, Chicago, Ill. Oil-burning mechanism. 1,619,470; Mar. 1.

Hargrave, Fred M., Cedar Rapids, Iowa. Road-building machine. 1,619,614; Mar. 1.

Harriger, Meade W., and W. J. Baker, Tylersburg, Pa. Treatment of gasoline. 1,619,206; Mar. 1.

Hart, Clyde, Humble, assignor of one-half to J. G. Carr, Harris County, Tex. Spear. 1,619,254; Mar. 1.

Hartford-Empire Company. (See Mullholland, Vergil, assignor.)

Hartman, John H., assignor to The Hubley Manufacturing Co., Lancaster, Pa. Toy stove. 1,619,723; Mar. 1.

Hartung, Adalberto G., Buenos Aires, Argentina. Tension fastening for antislip chains. 1,619,471; Mar. 1.

Hartwell, Benjamin F., Winchester, Mass. Boot or shoe, composite sole therefor, and manufacturing same. 1,619,023; Mar. 1.

Haskelite Manufacturing Corporation. (See Norris, Charles B., assignor.)

Hastings, Horace H., Quebec, Quebec, Canada. Manufacture of inner tubes. 1,619,119; Mar. 1.

Hausner, Oscar G., Webster Groves, Mo. Order card. 1,619,511; Mar. 1.

Haverstick, Earl J., Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company. Coating materials. 1,619,343; Mar. 1.

Haynes, Hobart F., Syracuse, N. Y. Socket wrench. 1,619,255; Mar. 1.

Heap, William D., Two Rivers, Wis. Cigarette case. 1,619,418; Mar. 1.

Heath, Donald B., assignor to Boston Electric Heating Corporation, Whitman, Mass. Shoe-tempering machine. 1,619,724; Mar. 1.

Heaton, William H., Oakland, Calif. Fire extinguisher. 1,619,120; Mar. 1.

Heckman, Bruce C., Eureka, Calif. Fishing apparatus. 1,619,512; Mar. 1.

Heilbronner, Herbert E. (See Evans, H., and Heilbronner.)

Heinrichs, Berg, assignor to Midwest Box Company, Chicago, Ill. Wrapper-making machine. 1,619,615; Mar. 1.

Heller, Earl R., Wapwallopen, Pa. Combination foot rest and robe container. 1,619,725; Mar. 1.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Computing scale. 1,619,121; Mar. 1.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Testing device. 1,619,122; Mar. 1.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Integrating scale. 1,619,123; Mar. 1.

Hemphill Company. (See Taubel, Clarence H., assignor.)

Henderson, Wilburn H., El Paso, Tex. Internal-combustion engine. 1,619,071; Mar. 1.

Herrick William T., Tulsa, Okla. Frictional unit control for multidial radio sets. 1,619,419; Mar. 1.

Heublein, Charles M., Chicago, Ill. Window attachment. 1,619,256; Mar. 1.

Heyman, David, Newark, N. J. Mechanical automobile toy. 1,619,726; Mar. 1.

Hicks, Amy. (See Campbell, William E., assignor.)

Higgins, Samuel M. (See Read, H., and Higgins.)

Hilger, George, Chicago, Ill. Automatic refrigeration system. 1,619,072; Mar. 1.

Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Abrasive-supplying means. 1,619,344; Mar. 1.

Hill, Joseph H. (See Roberts, Charles W., assignor.)

Hill, Nella H. (See Hill, Rolo D., assignor.)

Hill, Rolo D., assignor of one-half to N. H. Hill, Los Angeles, Calif. Container. 1,619,727; Mar. 1.

Hirschfield, Armond J. (See Wisroth, E., and Hirschfeld.)

Hittenberger, Carl H., San Francisco, Calif. Abdominal support. 1,619,513; Mar. 1.

Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Combined gas stove and range. Des. 72,094; Mar. 1.

Hoffman, Charles E., Richland, Wash. Safety delivery receptacle. 1,619,257; Mar. 1.

Hofmann, John M., Brooklyn, N. Y. Radio loud speaker. Des. 72,095; Mar. 1.

Hofmann, Martin, New York, N. Y. Self-defense shooting device. 1,618,976; Mar. 1.

Hojer, Wilhelm, Munich, assignor to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Steam generator for portable plants. 1,619,671; Mar. 1.

Holcomb, Charles R., assignor to Holcomb Safety Garment Company, Chicago, Ill. Legging. 1,619,472; Mar. 1.

Holcomb Safety Garment Company. (See Holcomb, Charles R., assignor.)

Holden, Walker. (See Berry, J. L., and Holden.)

Holeproof Hosiery Co. (See Evans, H., and Heilbronner, assignors.)

Holland Furnace Company. (See Kolla, John P., assignor.)

Hollander, Jacob A. (See Cline, A. J., and Hollander.)

Hollander-Langee, Inc. (See Bean, Leon H., assignor.)

Holman Pump Manufacturing Company, The. (See Holman, Stephen W., assignor.)

Holman, Stephen W., Marmarth, N. Dak., assignor to The Holman Pump Manufacturing Company. Propeller pump. 1,619,514; Mar. 1.

Holmes, Harleigh R., Denver, Colo. Power transmission for wheels. 1,619,672; Mar. 1.

Holtz, Frederick C., assignor to Sangamo Electric Company, Springfield, Ill. Maximum-demand meter. 1,619,473; Mar. 1.

Holy, George H. F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resilient driving connection. 1,619,345; Mar. 1.

Honold, Gottlob F., Sheboygan, Wis., assignor to The Globe Company. Wheel and crank. 1,619,024; Mar. 1.

Hood Rubber Company. (See Hands, Howard A., assignor.)

Hood Rubber Company. (See Perrault, Joseph E., assignor.)

Hoover, Sidney L., assignor of one-half to H. F. Miller, St. Louis, Mo. Insectifuge. 1,619,258; Mar. 1.

Höper, Karl. (See Wolters, O., and Höper.)

Honklins, Arthur C., Compton, Calif., assignor to U. S. Tool Co. Cushion joint for rotary drill pipes. 1,619,728; Mar. 1.

Hornby, Frank, Liverpool, England, assignor to Meccano Company, Inc., Elizabeth, N. J. Circular girder. 1,619,298; Mar. 1.

Horton, Allen A., Plymouth, Mich., assignor to Burroughs Adding Machine Company. Retarding device. 1,619,574; Mar. 1.

Hoskin, Edmund F., assignor to William A. Spinks & Company, Chicago, Ill. Bed for billiard tables and the like. 1,619,515; Mar. 1.

Hoszowski, John, Oakland, Calif. Folding table. 1,619,124; Mar. 1.

Hoth, Charles H., Postville, Iowa. Display rack. 1,619,420; Mar. 1.

Hough, Clinton W., Boonville, assignor to Wired Radio, Inc., New York, N. Y. Piezo-electric crystal apparatus. 1,619,125; Mar. 1.

Houston, Harold A., Wilkinsburg, and V. J. Shepard, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Welded spring structure. 1,619,346; Mar. 1.

Howard, George E., Butler, Pa. Regulation of glass feeders. 1,619,729; Mar. 1.

Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Intermittent inductive train control. 1,619,730; Mar. 1.

Howell, Charles C., Kisbey, Saskatchewan, Canada. Stubble burner. 1,619,516; Mar. 1.

Hubbard Machine Company. (See Hubbard, William E., assignor.)

Hubbard, William E., assignor to Hubbard Machine Company, San Francisco, Calif. Pumping system. 1,619,474; Mar. 1.

Hubbard, William E., assignor to Hubbard Machine Company, San Francisco, Calif. Pumping system. 1,619,475; Mar. 1.

Hubley Manufacturing Co., The. (See Hartman, John H., assignor.)

Huff, William D., assignor of one-half to J. A. Gorr, La Fayette, La. Rail joint. 1,619,792; Mar. 1.

Hughes, William D., Miami, Fla. Fruit picker. 1,619,731; Mar. 1.

Hughes, William, Taunton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Connecter for electric wires. 1,619,517; Mar. 1.

Hull, Harry E., Washington, D. C. Motor-vehicle control pedal. 1,619,421; Mar. 1.

Hull, John I., Schenectady, N. Y., assignor to General Electric Company. System of speed control for induction motors. 1,619,673; Mar. 1.

Humphreys, Harry S., assignor to Armstrong Cork Company, Lancaster, Pa. Rug or similar article. Des. 72,097; Mar. 1.

Humphreys, Harry S., assignor to Armstrong Cork Company, Lancaster, Pa. Rug or similar articles. Des. 72,098; Mar. 1.

Hundemer, Walter F., Alameda, assignor to Gat Gun Lubricating Corporation, Oakland, Calif. Lubricating device. 1,619,126; Mar. 1.

Huntoon, Charles F., South Pasadena, Calif. Truck bolster. 1,619,575; Mar. 1.

Huntoon, Charles F., South Pasadena, Calif. Truck bolster. 1,619,576; Mar. 1.

Hutchings, Charles. (See Eldred, F. H., and Hutchings.)

Hutchinson, Henry B. (See Richards, E. H., and Hutchinson.)

Huttig, Ernest W. (See Goldman, M. S., and Huttig.)

Hylarides, Walter, Granville, Iowa. Animal forceps. 1,619,299; Mar. 1.

Illinois Cork Co. (See Codina, Peter, assignor.)

Illinois Tool Works. (See Olson, Carl G., assignor.)

Ionides, Philip D., assignor of one-half to Ransomes & Rapier Limited, Ipswich, England. Electrically-propelled vehicle. 1,619,616; Mar. 1.

Indiana Canning Machinery Company. (See Lindley, Stacey B., assignor.)

Ingalls, Joseph B., Chicago, Ill. Coin bank. 1,619,073; Mar. 1.

Ingersoll-Rand Company. (See Bancel, P. A., and Kirgan, assignors.)

Intemann, William, Brooklyn, assignor to American Lithographic Company, New York, N. Y. Banding cigars. 1,618,983; Mar. 1.

International Motor Company. (See Masury, Alfred F., assignor.)

International Motor Company. (See Pampinella, Frank, assignor.)

International Motor Company. (See Wirrer, Gottfried, assignor.)

Intertype Corporation. (See Anderson, David L., assignor.)

Ironton Bernhard Boiler Company. (See Bernhard, John B., assignor.)
James, William D. (See Tooker, Harry S., assignor.)
Jarvis, Charles H., assignor to United Steel and Wire Company, Battle Creek, Mich. 1,619,259; Mar. 1.
Jaxon, George S., Huntington, W. Va., assignor to Link-Belt Company, Chicago, Ill. Inspection and weighing apparatus. 1,619,732; Mar. 1.
Jeffries, Schuyler A., assignor to Reo Motor Car Company, Lansing, Mich. Transmission. 1,619,127; Mar. 1.
Jenschke, Adolph, Fredericksburg, Tex. Automobile shock absorber. 1,619,422; Mar. 1.
Jensen, Jens O., Baltimore, Md. Cooling comminuted solid material. 1,619,577; Mar. 1.
Jeppson, George N., assignor to Norton Company, Worcester, Mass. Aggregate-cement tile. 1,619,733; Mar. 1.
Jeppson, George N., and C. L. Leafe, assignors to Norton Company, Worcester, Mass. Terrazzo tile and making the same. 1,619,734; Mar. 1.
Jesser, Albert E. (See McCrery, H. E., Jesser, and Montgomery.)
Jobst, Conrad, Toledo, Ohio, assignor, by mesne assignments, to The Uline Ice-Scoring Machine Company, Wilmington, Del. Ice-scoring machine. 1,619,128; Mar. 1.
Johnson, Bror A. E. (See Ekström, G. C., Örström, and Johnson.)
Johnson, Herbert L., Brooklyn, N. Y., assignor to Standard Development Company. Lubricant. 1,619,074; Mar. 1.
Johnson, Josiah F., Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Bleeder turbine. 1,619,129; Mar. 1.
Johnson, Perry, Topeka, Kans. Combined tomb marker and decoration container. 1,619,735; Mar. 1.
Johnson, William R., Lexington, Ky. Headlight. 1,619,617; Mar. 1.
Johnston, William W. (See Findlay, G. P., and Johnston.)
Jones, Harry S., Chicago, Ill. Steel stock rack. 1,619,476; Mar. 1.
Jones, James F., Sewickley, Pa., assignor to The Consolidated Paper Company, Monroe, Mich. Machine for forming blanks for corrugated-paper boxes. 1,619,207; Mar. 1.
Jones, Leo D., and A. U. Ayres, assignors to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal bowl. 1,619,347; Mar. 1.
Jones, Leslie W., assignor of one-third to A. H. Young, and one-third to C. L. Bright, Charleston, W. Va. Safety stop valve. 1,619,130; Mar. 1.
Jorgensen, Olav E., Forest Hills, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Scavenging air pump or compressor. 1,619,131; Mar. 1.
Jorgensen, Olav E., Forest Hills, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Piston-cooling device. 1,619,618; Mar. 1.
Joy, Joseph F., assignor, by mesne assignments, to Joy Manufacturing Company, Franklin, Pa. Loading machine. 1,619,260; Mar. 1.
Joy Manufacturing Company. (See Joy, Joseph F., assignor.)
Juliano, John, assignor of one-fourth to J. F. Braden, Niagara Falls, N. Y. Rear air-brake control. 1,619,132; Mar. 1.
Junkers, Hugo, Dessau, Germany. Sheet-metal trelliswork. 1,619,518; Mar. 1.
Kaestner & Hecht Company. (See Dunlop, James, assignor.)
Kaufmann, Michael M., J. P. Lynn, and F. C. Dell, assignors to Autopoint Company, Chicago, Ill. Grinding machine. 1,619,736; Mar. 1.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company. Blade fastening. 1,619,133; Mar. 1.
Katzman, Max. (See Martin, Alphonse, assignor.)
Kavanaugh, James T., Port Richmond, N. Y. Oil-storage tank. 1,618,984; Mar. 1.
Kay Sign Company. (See Walsh, Harrie H., assignor.)
Kelly, Bert F., R. F. Miller, and L. G. Winkler, assignors to Parts Corporation, Indianapolis, Ind. Universal mounting. 1,618,985; Mar. 1.
Kelly, Elbert, Anniston, Ala. Lap link. 1,619,519; Mar. 1.
Kenney, Edward F., Bethlehem, Pa. Heat treatment of steel. 1,619,025; Mar. 1.
Kern, Joseph M., Oswego, N. Y. Door-controlled electric-lighting switch. 1,619,134; Mar. 1.
Kerns, John R., Covington, Ky. Illuminated license-tag holder for automobiles. 1,619,520; Mar. 1.
Kerr, Herbert W., Augusta, Kans. Wire-line belt guide. 1,619,793; Mar. 1.
Kieffer, Russell J. (See Perrenot, Frederick A., assignor.)
Killefer Manufacturing Company, The. (See Killefer, Robert, assignor.)
Killefer, Robert, assignor to The Killefer Manufacturing Company, Los Angeles, Calif. Disk cultivator. 1,619,208; Mar. 1.
Kingston, Charles T. (See Wallis, H. E., and Kingston.)
Kinney, James A., Lebanon, assignor to Bethlehem Steel Company, Bethlehem, Pa. Work-handling mechanism for bolt machine. 1,619,077; Mar. 1.
Kirby, Charles H., Detroit, Mich. Mold for casting pistons. 1,619,135; Mar. 1.
Kirgan, John F. (See Bancel, P. A., and Kirgan.)
Kirschbaum, Albert, Newark, N. J. Door. 1,619,578; Mar. 1.
Klaasen, Benjamin J., Detroit, Mich. Wall construction. 1,619,300; Mar. 1.
Kmentt, Waldemar D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Washer-feeding apparatus. 1,619,075; Mar. 1.
Knott, Frank W., assignor to Detroit Belt Lacer Co., Detroit, Mich. Belt-hook-closing machine. 1,619,137; Mar. 1.
Knowles, William H., Port Chester, N. Y. Bottle closure. 1,619,136; Mar. 1.
Kohn, Rudolf V., Cedarhurst, assignor to The De Luxe Clock and Manufacturing Company, Inc., New York, N. Y. Clock casing. 1,619,674; Mar. 1.
Kolla, John P., assignor to Holland Furnace Company, Holland, Mich. Furnace-water-pan construction. 1,619,261; Mar. 1.
Kollstede, George, Providence, R. I. Strap for personal wear. 1,619,138; Mar. 1.
Korn, Francesca, assignor of one-half to C. Seller, San Francisco, Calif. Cake box. 1,619,423; Mar. 1.
Kramer, Gustav A., Concord, assignor, by mesne assignments, to Simplex Refining Company, San Francisco, Calif. Producing lubricating oils. 1,619,348; Mar. 1.
Kratz, Howard L., assignor to John Wanamaker Philadelphia, Philadelphia, Pa. Statuette. Des. 72,099; Mar. 1.
Krummel, Louis C., Brooklyn, N. Y. Precast plastic composition structural parts and means for uniting the same. 1,619,737; Mar. 1.
Kucera, Frank. (See Rubel, C. F., and Kucera.)
Kuever, Rudolph A., Iowa City, Iowa, assignor to Pepsodent Company, Chicago, Ill. Cleansing and polishing agent. 1,619,076; Mar. 1.
Kupetz, Adolph G., New Rochelle, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,619,349; Mar. 1.
Kurtz, Cyrus B., Lakewood, Ohio. Transmission mechanism. 1,619,477; Mar. 1.
Kyfes, Vinko, St. Joseph, La. Farrier's knife. 1,619,619; Mar. 1.
Lacerda, Harry A., Watervliet, N. Y. Oil burner. 1,619,738; Mar. 1.
La Chapelle, Euclid I., Brockton, Mass. Making box-toes. 1,619,350; Mar. 1.
Laddon, Isaac M., Dayton, Ohio. Shock-absorbing wheel. 1,619,078; Mar. 1.
Lakewood Engineering Company, The. (See Mosel, Joseph H., assignor.)
Langsdorf, Walter M., New York, N. Y. Back of a mirror or similar article. Des. 72,100; Mar. 1.
Lamson Company, The. (See Cowley, James T., assignor.)
Larsson, Edward, Stockholm, Sweden. Chain coupling for logs. 1,619,675; Mar. 1.
La Rue, Harry F. and W. Zierlein, Fairfield, Iowa. Smoker's stand. Des. 72,101; Mar. 1.
Latagliata, Fortunato, Buenos Aires, Argentina. Animal marker. 1,619,424; Mar. 1.
Laucks, Samuel F., and W. E. Wilkinson, York, Pa., assignors to said Laucks. Constructing safes. 1,619,139; Mar. 1.
Law, Edward F., Reno, Nev., assignor to United States Engineering Company. Roller mill. 1,619,739; Mar. 1.
Lawlor, Joseph P., and J. I. Seay, Memphis, Tenn. Installing well strainers. 1,619,521; Mar. 1.
Lawrence, Edwin F., et al. (See Enright, Thomas F., assignor.)
Lawrence, John H., et al. (See Enright, Thomas P., assignor.)
Layman, Milton R., Johnstown, Pa. Safety pocket. 1,619,140; Mar. 1.
Leafe, Carl L. (See Jeppson, G. N., and Leafe.)
Leary, Richard J., Burlington, N. J. Charging apparatus for molding machines. 1,619,301; Mar. 1.
Le Chauffage Electricque Ideal Limited. (See Lévesque, L. J., and Lessard, assignors.)
Ledbetter, James C., New York, N. Y., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Ironing-press burnguard. 1,618,986; Mar. 1.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Motor vehicle. 1,619,478; Mar. 1.
Lee, James H., et al. (See Marsh, H. E., and Dunten, assignors.)
Lee Rubber & Tire Corporation. (See Leopold, Frederick, jr., assignor.)
Lee, Verner B., et al. (See Marsh, H. E., and Dunten, assignors.)
Le Grue, Angus R., Buffalo, N. Y. Pumping apparatus. 1,619,302; Mar. 1.
Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for preparing plastic stock. 1,619,079; Mar. 1.
Le Mur, S., Company. (See Lewis, W. S., and Murray, assignors.)
Leoni, Alfonso M. (See Asprooth, A. H., and Leoni.)
Leopold, Frederick, jr., Harmonville, Pa., assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Tire casing and similar article. Des. 72,102; Mar. 1.
Lessard, Joseph. (See Lévesque, L. J., and Lessard.)

Lévesque, Louis J., and J. Lessard, assignors to Le Chauffage Electrique Ideal Limitee, Bagotville, Quebec, Canada. Heater. 1,619,425; Mar. 1.
Lew, Albert F., Baker, Oreg. Tire tool. 1,619,426; Mar. 1.
Lewis, Frank M., Chicago, Ill. Differential mechanism. 1,619,141; Mar. 1.
Lewis, Wilbur S., Cleveland, and J. C. Murray, Lakewood, assignors to S. Le Mur Company, Cleveland, Ohio. Container for hair in permanent-waving process. 1,619,798; Mar. 1.
Lescarts, Fernand, Brussels, Belgium. Variable-speed gear. 1,618,987; Mar. 1.
Lichtenstein, Harry R., assignor to M. Lichtenstein & Bro., New York, N. Y. Button and fastener therefor. 1,619,800; Mar. 1.
Lichtenstein, M., & Bro. (See Lichtenstein, Harry R., assignor.)
Lindley, Stacey B., assignor to Indiana Canning Machinery Company, Indianapolis, Ind. Mixing and straining machine. 1,618,988; Mar. 1.
Lindsay, Thomas, London, England, assignor to Arca Regulators, Inc., New York, N. Y. Fluid-pressure-operated regulator. 1,619,351; Mar. 1.
Link, Vincent, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Brake. 1,619,262; Mar. 1.
Link, Vincent, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Brake. 1,619,579; Mar. 1.
Light, Purl G., Exeter, N. Y. Hay-mowing means. 1,619,620; Mar. 1.
Lindquist, David N. (See Pearson, A., and Lindquist.)
Link-Belt Company. (See Jaxon, George S., assignor.)
Lippard, Herman I., Darby, Pa. Sewing needle. 1,619,142; Mar. 1.
Little Red Wagon Mfg. Co., The. (See Thomas, Arthur C., assignor.)
Long, Eugene M., New York, N. Y. Amusement apparatus. 1,619,580; Mar. 1.
Long, Eugene M., Port Washington, N. Y. Scissors sharpener. 1,619,581; Mar. 1.
Long, Eugene M., Port Washington, N. Y. Key holder. 1,619,582; Mar. 1.
Long, Thomas J., and J. L. Tuttle, Wellington, Kans. Tent structure. 1,619,740; Mar. 1.
Loewenbach, Oscar, Milwaukee, Wis. Manifold sheet. 1,619,522; Mar. 1.
Lovejoy, Ralph M., Meredith, N. H. Radiator-shutter mechanism. 1,619,621; Mar. 1.
Lowy, Louis, Bronx, N. Y. Ice-saving refrigerator. 1,619,741; Mar. 1.
Ludwick, Herbert V., assignor to Budd Wheel Company, Philadelphia, Pa. Carrier for spare disk wheels. 1,619,026; Mar. 1.
Lum, George R., assignor to Western Electric Company, Incorporated, New York, N. Y. Loud-speaking sound reproducer. Des. 72,103; Mar. 1.
Luplow, Donald C., Calistoga, Calif. Traffic signal for motor vehicles. 1,619,523; Mar. 1.
Luschnig, Oswald, Nokomis, Ill. Drill. 1,619,209; Mar. 1.
Lynn, John P. (See Kaufmann, M. M., Lynn, and Dell.)
MacCallum Decorative Corporation. (See Goldman, M. S., and Huttig, assignors.)
MacDonald, Charles D., Fullerton, Calif. Convertible bed and trunk. 1,619,353; Mar. 1.
MacDonald, Frank J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for making and applying markers for rubber articles. 1,619,354; Mar. 1.
MacLaren, Alfred A., Boston, Mass. Apparatus for forming articles from sheets of material. 1,619,210; Mar. 1.
MacReady, George A., Bakersfield, Calif. Making production tests in well drilling. Re16,563; Mar. 1.
MacVey, Gertrude, N. Y. Cigarette box. 1,619,622; Mar. 1.
Magnavox Company, The. (See Summers, Frank E., assignor.)
Magnifico, Nicola, Rome, Italy. Phonograph. 1,619,623; Mar. 1.
Maillefer, Arthur, Lausanne, Switzerland. Blade pump. 1,619,429; Mar. 1.
Manchester, Adam, Central Bridge, N. Y. Combustion-engine spark-plug protector. 1,619,524; Mar. 1.
Manchester, Clyde C., assignor, by mesne assignments, to The Ayling & Reichart Company, Toledo, Ohio. Metal float. Re16,564; Mar. 1.
Mann, Charles. (See Sanford, Lynn H., assignor.)
Marcalus, Nicholas, Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Frog and switch planer. 1,619,355; Mar. 1.
Marmignat, Henri, administrator. (See Wever, Fritz.)
Marquette Manufacturing Company. (See Nilson, Leonard D., assignor.)
Marquette Tool & Manufacturing Co. (See Glasner, R. W., and Nelson, assignors.)
Marquis, Joseph T. (See Perrault, J. S., and Marquis.)
Marsh, Howard E., Lompoc, and C. J. Dunten, Santa Maria, assignors of one-sixth to V. B. Lee, Santa Barbara, Calif., and one-sixth to J. H. Lee, Grand Junction, Colo. Oil-shale apparatus. 1,619,525; Mar. 1.
Marsh, William B. (See Updegrove, A. J., and Marsh.)
Marsh, William G., Toronto, Ontario, Canada. Auxiliary air control for gasoline engines. 1,619,082; Mar. 1.
Martikainen, Janne, Ryttyla, Finland, assignor to J. A. Anderson, Suffolk County, Mass. Cultivator. 1,619,797; Mar. 1.
Martin, Alphonse, assignor of fifty-one one-hundredths to M. Katzman, Ogdensburg, N. Y. Combined water heater and sterilizing apparatus. 1,619,146; Mar. 1.
Martin, Earl L., New York, N. Y. Water-level-controlling means. 1,619,356; Mar. 1.
Martin, Sidney A. (See Buechele, E. E., and Martin.)
Maryl Equipmnt Company. (See Spaeth, Charles, assignor.)
Marx, Carl, Wyoming, Milburn Township, Essex County, N. J., assignor to Union Sulphur Company. Sulphur composition of diminished inflammability and producing the same. 1,619,357; Mar. 1.
Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Combined radiator and hood for motor vehicles. Des. 72,104; Mar. 1.
Masury, Alfred F., and E. C. Fink, assignors to The Rubber Shock Insulator Company, Inc., New York, N. Y. Shock-insulated rail track. 1,619,028; Mar. 1.
Masszcyk, Alexander, Chicago, Ill. Mop. 1,619,624; Mar. 1.
Mathey, Louis C., Nashville, Tenn. Fishing hook. 1,619,147; Mar. 1.
Mathieson Alkali Works, Inc., The. (See Mauran, Max, assignor.)
Maupin, Graves R., assignor to The J. Faessler Manufacturing Company, Moberly, Mo. Method of and apparatus for finishing cylindrical bearing surfaces. 1,619,479; Mar. 1.
Mauran, Max, Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Gas-absorption apparatus. 1,619,430; Mar. 1.
Maxwell, James D., Brooklyn, N. Y. Pump packing. 1,619,211; Mar. 1.
Mayer, Josef, Karlsbad, Czechoslovakia. Permanent-hair-waving appliance. 1,619,794; Mar. 1.
Mayhew, James E., Brooklyn, N. Y. Garment hanger. 1,619,742; Mar. 1.
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Edging machine. 1,619,358; Mar. 1.
Maxon, Glenway, jr., Milwaukee, Wis. Finishing machine for concrete roads. 1619,083; Mar. 1.
McCaffery, Thomas F., jr., Colorado Springs, Colo. Drawing instrument. 1,619,427; Mar. 1.
McClaire, Katherine, Chicago, Ill. Hair curler. 1,619,743; Mar. 1.
McCloskey, Paul J., Roselle, N. J. Mechanic's fishing tool. 1,619,744; Mar. 1.
McCrery, Harold E., A. E. Jsser, and A. B. Montgomery, assignors to Apollo Holding Corporation, Apollo, Pa. Roll heater. 1,619,303; Mar. 1.
McCumpsey, Joseph D., Altoona, Pa. Sanitary milk bottle. 1,619,969; Mar. 1.
McDonald, John C., assignor of one-third to W. N. Westerlund, and twenty-six per cent to E. L. Corbett, New York, N. Y. Polyphase relay. 1,619,080; Mar. 1.
McFall, Robert J., Amherst, Mass. Leather-measuring machine. 1,619,143; Mar. 1.
McFalls, Jones C., Pomona Mills, N. C. Dyeing and oxidizing machine. 1,619,263; Mar. 1.
McGinnis, Edward R. (See Thompson, Arthur A., assignor.)
McKee, James, Chester, assignor to Sun Oil Company, Philadelphia, Pa. Making grease. 1,619,352; Mar. 1.
McLain, H. E. (See Broad, William, assignor.)
McLaine, Claude I., Boston, assignor to Seal-Kap Company, Natick, Mass. Closure for containers. 1,619,264; Mar. 1.
McLaurin-Jones Co. (See McLaurin, William W., assignor.)
McLaurin, William W., Brookfield, Mass. Coated paper and coating paper. 1,619,027; Mar. 1.
McLaurin, William W., assignor to McLaurin-Jones Co., Brookfield, Mass. Strip gummed paper and making the same. 1,619,081; Mar. 1.
McMillan, Edward H., Oakland, Calif. Quick-action clamp. 1,619,144; Mar. 1.
McMillan, Edward H., Oakland, Calif. Combination tandem concrete-mixing machine. 1,619,145; Mar. 1.
McMillan, Hugh P., assignor to Samuel H. Dell & Co., Inc., Baltimore, Md. Manufacturing brushes. 1,619,428; Mar. 1.
McNamara, James A., New York, N. Y. Milk-bottle protector. 1,619,745; Mar. 1.
Meccano Company. (See Hornby, Frank, assignor.)
Meeker, John A., and E. J. Roach, Potsdam, N. Y.; said Meeker assignor to said Roach. Receptacle-shaking machine. 1,619,526; Mar. 1.
Melkie, John, assignor to Vaporator Mfg. Co., Chicago, Radiator cover or similar article. Des. 72,105; Mar. 1.
Mellink, Charles F., Toledo, Ohio. Locking device for safes. 1,619,676; Mar. 1.
Mell, Tod J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Variegated articles of rubber or the like and making the same. 1,619,359; Mar. 1.
Mendizabal, Alberto, Buenos Aires, Argentina. Automatic valve and float for drinking troughs and the like. 1,619,431; Mar. 1.
Merdian, Fred, Vancouver, Wash. Tool for inserting and removing bearing sleeves. 1,619,625; Mar. 1.
Messinger, George M. (See Roat, Harry A., assignor.)

Metals Recovery Company. (See Bragg, Gilbert A., assignor.)
Metters, Gordon J., Wayville, and K. W. Nolan, St. Peters, South Australia, Australia. Mincing machine. 1,618,990; Mar. 1.
Middleton, George R., Tampa, Fla. Slip-cover fastener. 1,619,265; Mar. 1.
Midland Company, The. (See Nourse, Clair P., assignor.)
Mid-West Box Company. (See Fairchild, Walter H., assignor.)
Mid-West Box Company. (See Heinrichs, Berg, assignor.)
Miller, Adolph H., Minneapolis, Minn. Ash-sifting shovel. 1,619,266; Mar. 1.
Miller, Albert W., Nokomis, Ill. Wire-crimping tool. 1,619,084; Mar. 1.
Miller, Frederick H., Portland, Oreg. Potato slicer. 1,619,746; Mar. 1.
Miller, H. Fancourt. (See Hoover, Sidney L., assignor.)
Miller, John T., and M. Hanley, Chicago, Ill. Switch. 1,619,148; Mar. 1.
Miller, Max, New York, N. Y. Vehicle parking system. 1,619,360; Mar. 1.
Miller, Robert F. (See Kelly, B. F., Miller, and Winkler.)
Mills, Joseph. Coalhurst, Alberta, Canada. Pump. 1,619,149; Mar. 1.
Mills, William L. (See Pratt, L. S., Weltz, and Mills.)
Mitchell, Sidney W., J. Naud, and C. F. Goldman, St. Petersburg, Fla. Dog race track. 1,619,150; Mar. 1.
Montgomery, Alonzo B. (See McCrery, H. E., Jesser, and Montgomery.)
Moore Brothers Company. (See Dibble, Claude M., assignor.)
Moore, Frederick E. (See Fairweather, Charles B., assignor.)
Moore, Hugh K., assignor to Brown Company, Berlin, N. H. Producing calcium arsenate. 1,619,267; Mar. 1.
Moore, Max J., Newark, N. J., assignor to W. H. Collins, Summit, N. J. Trap-nest attachment. 1,619,527; Mar. 1.
Moravec, John, Vancouver, British Columbia, Canada. Log-barking apparatus. 1,619,151; Mar. 1.
Morris, Earl V., Big Lake, Tex. Air washer for internal-combustion engines. 1,619,029; Mar. 1.
Mortimer, Albert, Chicago, Ill. Money tray for bankers and the like. 1,619,528; Mar. 1.
Morton, William A., assignor to The Amsler-Morton Company, Pittsburgh, Pa. Recuperator. 1,619,747; Mar. 1.
Moscowitz, Benjamin, Brooklyn, N. Y. Undergarment. 1,618,901; Mar. 1.
Mosel, Joseph H., assignor to The Lakewood Engineering Company, Lakewood, Ohio. Discharge mechanism for mixers. 1,619,626; Mar. 1.
Mossbart, Donald J., Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company. Stoker. 1,619,480; Mar. 1.
Mowlitz, Albert C., Philadelphia, Pa., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Cabinet for sound reproducing mechanism. Des. 72,106; Mar. 1.
Moyer, Edward A., West Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Thread-chaser-grinding machine. 1,619,361; Mar. 1.
Mulend, Charles J., Philadelphia, Pa., assignor to Haines, Jones & Cadbury Company. Valve construction. 1,619,748; Mar. 1.
Mulconroy Company. (See Mulconroy, Joseph J., assignor.)
Mulconroy, Joseph J., Germantown, assignor to Mulconroy Company, Inc., Philadelphia, Pa. Steam iron coupling and hose. 1,619,583; Mar. 1.
Müller, Hans, Munich, Germany. Box for storing furs. 1,619,529; Mar. 1.
Mullholland, Vergil West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Guiding device for molten glass. 1,619,432; Mar. 1.
Murray, John C. (See Lewis, W. S., and Murray.)
Murray, Richard, New York, N. Y. Clamp. 1,619,746; Mar. 1.
Murray, Thomas E., Brooklyn, N. Y. Withdrawing cores from molded conduits. 1,619,362; Mar. 1.
Murray, Walter. (See Riordan, J. P. P., and Murray.)
Murtaught, William C., Chicago, Ill. Calibrating device for gauge sticks. 1,619,363; Mar. 1.
Musical Manufacturers' Corporation. (See Burdwise, Aaron, assignor.)
Myers, Hubert A., Toledo, Ohio. Clutch device. Re16,565; Mar. 1.
Myers, Lewis C., Freeport, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,619,530; Mar. 1.
Nagel, W. G., Electric Company, The. (See Adams, Harry E., assignor.)
Nansano, Joseph C., San Pedro, Calif. Oil indicator. 1,619,531; Mar. 1.
National Cash Register Company. (See Fuller, F. L., and Robertson.)
National Cash Register Company, The. (See Shipley, Bernis M., assignor.)
National Marking Machine Company. (See Faust, Alexander L., assignor.)
Naud, Jack. (See Mitchell, S. W., Naud, and Goldman.)
Neederman, Stephen A., assignor of forty per cent to H. M. Smith, Dallas, Tex. Novelty toothbrush. 1,619,212; Mar. 1.
Neiss, Oskar H. L., assignor to Elektrotrenamaschinen Gesellschaft mit beschränkter Haftung, Hamburg, Germany. Method and apparatus for electrically cutting metal. 1,619,627; Mar. 1.
Nelson, Emil, Gary, Ind. Beam compass. 1,619,750; Mar. 1.
Nelson, John. (See Glasner, R. W., and Nelson.)
Nelson, Joseph F., Los Angeles, Calif. Filter. 1,619,584; Mar. 1.
Nelson, Verner A., Lynden, Wash. Hydraulic clutch. 1,619,751; Mar. 1.
Nenzel, Joseph F., Reno, Nev. Lamp. 1,619,213; Mar. 1.
New Monarch Machine & Stamping Company. (See Anderson, Sigurd E., assignor.)
New York Light Fixture Mfg. Co. (See Aglow, Harry, assignor.)
Nicholas Power Company. (See Uhlemann, Theodore F., assignor.)
Nicholson, Stanley W., assignor to The Duro Company, Toledo, Ohio. Window-controlling device. 1,619,633; Mar. 1.
Niemann, Frank H., Philadelphia, Pa. Tremolo. 1,619,532; Mar. 1.
Niles-Bement-Pond Company. (See Fullerton, Herbert S., assignor.)
Niles-Bement-Pond Company. (See Marcalus, Nicholas, assignor.)
Nilson, Leonard D., Wayzata, assignor to Marquette Manufacturing Company, St. Paul, Minn. Lifting jack. 1,619,304; Mar. 1.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Plate or analogous article. Des. 72,107; Mar. 1.
Nolan, Kenneth W. (See Metters, G. J., and Nolan.)
Nordin, Joseph A. (See Brunskog, V. H. M., and Nordin.)
Norris, Charles B., Grand Rapids, Mich., assignor to Haskelite Manufacturing Corporation. Machine for cutting metal-sheathed sheets. 1,619,305; Mar. 1.
Northey, John P., Toronto, Ontario, Canada. Sound-signaling installatio. 1,619,585; Mar. 1.
Northup, Harry R., and C. L. Snyder, Des Moines, Iowa. Humidor cigar holder. 1,619,306; Mar. 1.
Norton Company. (See Jeppson, George N., assignor.)
Norton Company. (See Jeppson, G. N., and Leafe, assignors.)
Norton Company. (See Van Der Pyl, Edward, assignor.)
Nourse, Clair P., Milwaukee, assignor to The Midland Company, South Milwaukee, Wis. Manufacturing buckles. 1,619,533; Mar. 1.
Nunlist, Emil V., Indianapolis, Ind. Fishpole holder. 1,619,152; Mar. 1.
Nyquist, Harry, Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Carrier-current signaling system. 1,619,085; Mar. 1.
Oakes, Ernest C., Bloomfield, N. J., assignor, by mesne assignments, to Empire Milking Machine Company, Inc., Rochester, N. Y. Vacuum pump. 1,619,364; Mar. 1.
Oakes, Ernest C., Bloomfield, assignor, by mesne assignments, to Empire Milking Machine Company, Inc., Rochester, N. Y. Vacuum pump valve. 1,619,481; Mar. 1.
Offenbach, Solomon, Bradford, Pa. Shelf. 1,619,307; Mar. 1.
Oglesby, Nicholas E. (See Bradner, D. B., and Oglesby.)
Oldmixon, Benjamin F., Pittsfield, Mass. Terminal connecter. 1,619,086; Mar. 1.
Olgay, Albert, Glen Ellyn, assignor to Gaw-O'Hara Envelope Co., Chicago, Ill. Machine for punching and reenforcing blanks. 1,619,214; Mar. 1.
Olgay, Albert, Glen Ellyn, assignor to Gaw O'Hara Envelope Company, Chicago, Ill. Envelope-fastening device. 1,619,215; Mar. 1.
Olgay, Albert, Glen Ellyn, assignor to Gaw-O'Hara Envelope Company, Chicago, Ill. Envelope-window-cutting device. 1,619,365; Mar. 1.
Oliver, John R., Medfield, assignor to Reece Shoe Machinery Company, Boston, Mass. Press for cutting or punching sheet material. 1,619,482; Mar. 1.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Gear-testing machine. 1,619,483; Mar. 1.
Olson, Hans M., Burbank, Calif. Oxychloride cement and making same. 1,619,534; Mar. 1.
Olson, Nels L., Detroit, Mich. Motor-truck chassis. 1,619,308; Mar. 1.
O'Neal, Nathaniel P., Hope, Ark. Masonry jointing tool. 1,619,030; Mar. 1.
One Minute Manufacturing Company. (See Schroeder, Simon E., assignor.)
Örström, Gustaf. (See Ekström, G. C., Örström, and Johnson.)
Osbeck, Elmer C., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Latch. 1,619,752; Mar. 1.
Osborn, Arthur W., Philadelphia, Pa., assignor to The White Company, Cleveland, Ohio. Dumping vehicle. 1,619,628; Mar. 1.
Ostrosky, Joseph, jr., Duryea, Pa., and P. Ostrosky, Detroit, Mich. Window fastener. 1,619,031; Mar. 1.
Ostrosky, Paul. (See Ostrosky, Joseph, jr., and P.)
Otto, Carl, Bochum, Germany. Vertical-chamber oven. 1,619,535; Mar. 1.
Owen, Frederick C., Fayetteville, N. C. Transformer for electric-arc cutting, repairing, and welding apparatus. 1,619,629; Mar. 1.

Owen, Frederick C., Fayetteville, N. C. Transformer for electric-arc-welding apparatus. 1,619,753; Mar. 1.
Paaske, Jens, Clinton, Iowa. Upholstering device. 1,619,754; Mar. 1.
Packer, Mortimer L., Columbus, Ohio. Heater. Des. 72,108; Mar. 1.
Paget, Charles, Santa Cruz, Calif. Kettle. 1,618,992; Mar. 1.
Pagett, Earl W., Detroit, Mich. Carburetor. 1,619,309; Mar. 1.
Pajeau, Charles H., Glencoe, assignor to The Toy Tinkers, Inc., Evanston, Ill. Toy. 1,619,630; Mar. 1.
Pampinella, Frank, Brooklyn, assignor to International Motor Company, New York, N. Y. Rubber shock-insulated bumper. 1,619,087; Mar. 1.
Parker, Arthur L., Cleveland, Ohio. Tube coupling. 1,619,755; Mar. 1.
Parker, Ira D., Minneapolis, Minn. Grain-car door. 1,619,310; Mar. 1.
Parks, William J., and L. B. Evans, La Salle, Ill. Direction indicator. 1,619,536; Mar. 1.
Parrish, Jacob O., Pomona, Calif. Spring-eye bender. 1,619,537; Mar. 1.
Parsons, Stuart W., assignor to The Stanley Works, New Britain, Conn. Door latch. 1,619,032; Mar. 1.
Parts Corporation. (See Kelly, B. F., Miller, and Winkler, assignors.)
Patasnik, David, Brooklyn, N. Y. Sash. 1,619,631; Mar. 1.
Paulson, Martin L., Fort Snelling, Minn. Punctureproof pneumatic tire. 1,619,433; Mar. 1.
Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company. Tire-repair tool. 1,619,538; Mar. 1.
Pearson, Anton, and D. N. Lindquist, Lindsborg, Kans. Milk card. 1,619,756; Mar. 1.
Peck, Samuel S., Honolulu, Hawaii. Strainer for sugar juices and the like. 1,619,484; Mar. 1.
Pelkey, Milton, Milwaukee, Wis. Lock bolt. 1,619,757; Mar. 1.
Pelz, Bruno. (See Reinhardt, C., and Pelz.)
Pennebaker, George B., Oakland, assignor to F. Starr and W. P. Green, Oakland, Calif. Changeable exhibitor. 1,619,088; Mar. 1.
Pepsodent Company. (See Kuever, Rudolph A., assignor.)
Perrault, Joseph E., assignor to Hood Rubber Company, Watertown, Mass. Auxiliary tool holder for lathes and the like. 1,618,993; Mar. 1.
Perrault, Joseph S., and J. T. Marquis, Nashua, N. H. Meat-grinder head. 1,619,632; Mar. 1.
Perrenot, Frederick A., assignor of one-half to R. J. Kieffer, San Antonio, Tex. Valve. 1,619,033; Mar. 1.
Perttu, Arvid D., Ridgefield, Wash. Vehicle signal. 1,619,311; Mar. 1.
Petersen, Christen H. A., Glenada, Oreg. Trap for catching crabs. 1,619,306; Mar. 1.
Petersen, Thorvald J., New York, assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Chandelier or article of similar nature. Des. 72,109; Mar. 1.
Petersen, Thorvald J., New York, assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Lighting-fixture bracket or article of similar nature. Des. 72,110; Mar. 1.
Peterson, Charles F. (See Barringer, L. E., and Peterson.)
Peterson, Charles F., Scotia, N. Y., assignor to General Electric Company. Making molded articles. 1,619,758; Mar. 1.
Peterson, Frank E., Chicago, Ill., assignor to American Optical Company, Southbridge, Mass. Adjustable bridge. 1,619,367; Mar. 1.
Pfauser, Edward M., assignor to Blackhawk Manufacturing Co., Milwaukee, Wis. Circulating pump. 1,619,539; Mar. 1.
Pierce, Earl F., Chicago, Ill., assignor, by mesne assignments, to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 1,619,677; Mar. 1.
Pierce, George L., and H. V. Rau, Brooklyn, assignors to A. G. Spalding & Bros., New York, N. Y. Playing ball. 1,618,994; Mar. 1.
Pietrzycki, Ziegmund P., Klamath Falls, Oreg. Cabinet. 1,619,312; Mar. 1.
Plum, Johannes, Washington, D. C. Speed boat. 1,618,995; Mar. 1.
Plumb, Milton M., assignor to American Auto Trimming Company, Detroit, Mich. Vehicle top construction. 1,619,153; Mar. 1.
Pollard, Carl I., assignor of one-half to The Vulcan Last Company, Portsmouth, Ohio. Machine for forming heels for shoes. 1,619,154; Mar. 1.
Powers, Charles P., Spring Lake, assignor to U. S. Tool Company, Inc., East Orange, N. J. Constructing variable condenser rotors. 1,618,996; Mar. 1.
Pratt, Lyde S., E. H. Weltz, Penns Grove, N. J., and W. L. Mills, Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making alkylnitroaryl ethers. 1,619,368; Mar. 1.
Pratt & Whitney Company. (See Moyer, Edward A., assignor.)
Pressed Steel Car Company. (See Blest, Minot C., assignor.)
Price, Albert M. (See Gronberg, Clarence O., assignor.)
Price, George R., Monessen, Pa. Changeable exhibitor. 1,619,155; Mar. 1.
Price, Joseph, assignor to The Griscom-Russell Company, New York, N. Y. Sectional condenser. 1,619,034; Mar. 1.
Prince, Alva L., Dallas, Tex. Mopping and scrubbing machine. 1,619,313; Mar. 1.
Prinz, Herman L., Chicago, Ill. Movable bridge. 1,619,678; Mar. 1.
Proctor, Robert V., and H. M. Schaab, assignors to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Pallet. 1,619,759; Mar. 1.
Prosperity Company, The. (See Ledbetter, James C., assignor.)
Radandt, Joseph H., Emmett, Idaho. Lock for tire rims. 1,618,997; Mar. 1.
Rademaekers, William H., jr. (See Rademaekers, William H., sr., and W. H., jr.)
Rademaekers, William H., sr., and W. H. Rademaekers, jr., Newark, N. J. Collision bumper device. 1,619,540; Mar. 1.
Radiant Lighting Fixture Co. (See Bohl, Hugo, assignor.)
Radio Patents Corporation. (See Van Deventer, Harry R., assignor.)
Rafter, Albert, assignor to Rafter Machine Company, Newark, N. J. Shock absorber. 1,619,035; Mar. 1.
Rafter Machine Company. (See Rafter, Albert, assignor.)
Rand, Benjamin G., North Tonawanda, N. Y. Filing cabinet. 1,619,761; Mar. 1.
Rand, James H., North Tonawanda, assignor to Rand Kardex Bureau, Inc., Tonawanada, N. Y. Index element. 1,619,760; Mar. 1.
Rand Kardex Bureau, Inc. (See Rand, James H., assignor.)
Ransomes & Rapier Limited. (See Ionides, Philip D., assignor.)
Raschick, Charles T., St. Paul, Minn. Index. 1,619,089; Mar. 1.
Rasmussen Chester A., assignor of one-half to C. R. Butler, Long Beach, Calif. Casing wedge. 1,619,268; Mar. 1.
Ratigan, James P., Walnut Park, Calif. Beam adjuster. 1,619,216; Mar. 1.
Rau, Henry V. (See Pierce, G. L., and Rau.)
Ravnestad, Andreas J., Fredrikstad, Norway. Clarifying and purifying liquids and waste waters. 1,619,036; Mar. 1.
Read, Henry, Kansas City, and S. M. Higgins, Webb City, Mo. Semimetallic flexible form for floor domes. 1,619,269; Mar. 1.
Reckard, Irven, Duncombe, Iowa. Snowplow. 1,619,314; Mar. 1.
Redinger, Joseph M., Providence, R. I. Milling-machine collet and end mill. 1,618,998; Mar. 1.
Reece Shoe Machinery Company. (See Oliver, John R., assignor.)
Reese, Andrew, Massillon, Ohio. Device for displaying cards, etc. 1,619,434; Mar. 1.
Reese, Frank, Minneapolis, Minn. Weather strip for inswinging casements. 1,619,037; Mar. 1.
Rehm, Heinrich, Nuremberg, Germany. Artificial knee joint. 1,619,485; Mar. 1.
Rehor, Charles A., Portland, Oreg. Rubber button. 1,619,541; Mar. 1.
Reid, James, New York, N. Y. Umbrella. 1,619,217; Mar. 1.
Reinhart, Adolf, Hoboken, N. J. Fish boat. 1,619,762; Mar. 1.
Reinhardt, Christian, and B. Pelz, New York, N. Y. Movable doll eyes. 1,619,763; Mar. 1.
Reintjes, George P., Kansas City, Mo. Corner-fill furnace-wall construction. 1,619,270; Mar. 1.
Reiser, John A., Port Jervis, N. Y. Smoker's pipe. 1,619,090; Mar. 1.
Reiter, Daniel I., New York, N. Y. Fastening device. 1,619,764; Mar. 1.
Remington Typewriter Company. (See Shepard, Herbert C., assignor.)
Reo Motor Car Company. (See Jeffries, Schuyler A., assignor.)
Republic Flow Meters Co. (See Cunningham, Arthur B., assignor.)
Resines, Francis J., assignor to By-Products Recovery Company, Philadelphia, Pa. Refining oils. 1,619,486; Mar. 1.
Rettig, Max R., Koenigsberg, assignor to Festbaukasten Gesellschaft mit beschränkter Haftung, Berlin, Germany. Producing models of buildings and the like. 1,619,435; Mar. 1.
Rice, Louis E., New Martinsville, W. Va. Automobile lens. 1,619,038; Mar. 1.
Richards, Eric H., and H. B. Hutchinson, Hertfordshire, assignors to Adco Limited, London, England. Manufacture of nitrogenous fertilizers. 1,619,679; Mar. 1.
Richards, Leslie W., assignor to St. Louis Car Company, St. Louis, Mo. Brake. 1,619,039; Mar. 1.
Richmond, Vincent C., and G. H. Scott, Cardington, England. Mooring gear for airships. 1,619,680; Mar. 1.
Ricketts, Richard R., Springfield, Mo. Dispensing receptacle. 1,619,315; Mar. 1.
Ridley, Grahame B., assignor to E. B. Ward, San Francisco, Calif. Desiccator. 1,619,765; Mar. 1.
Riedinger, Edward, Bloomfield, N. J. Brake mechanism. 1,619,542; Mar. 1.

Riegel, Samuel S., Scranton, Pa., assignor, by mesne assignments, of one-half to J. H. Allen, Jersey City, N. J. Passenger-car waste-transfer apparatus. 1,619,369; Mar. 1.
Riesor, William, Newark, N. J. Tool for marking tiles, 1,619,091; Mar. 1.
Riley, S., Stoker Corporation. (See Taylor, Irving A., assignor.)
Riordan, James P. P., and W. Murray, Johannesburg, Transvaal, South Africa. Hose-clamping tool. 1,619,766; Mar. 1.
Roach, Emmett J. (See Meeker, J. A., and Roach.)
Roat, Harry A., Manchester, N. Y., assignor of one-half to G. M. Messinger, Morganza, Pa. Bait box. 1,619,634; Mar. 1.
Robbins, Chester C., assignor to B. C. Ames Co., Waltham, Mass. Cylinder gauge. 1,619,370; Mar. 1.
Roberts, Charles W. Centerville, assignor of one-half to J. H. Hill, Richmond, Ind. Greenhouse bench. 1,618,999; Mar. 1.
Robertson, William H. (See Fuller, F. L., and Robertson.)
Robinson, Joseph, Jersey City, N. J. Ornamental wool felt and making same. 1,619,681; Mar. 1.
Roby, Luther E., Peoria, Ill. Fertilizer distributor. 1,619,795; Mar. 1.
Roche, John, Hoboken, N. J., assignor to American Lead Pencil Company. Process and apparatus for marking articles. 1,619,487; Mar. 1.
Roche, Phoebe M., Cleveland, Ohio. Mop. 1,619,040; Mar. 1.
Roebling's, John A., Sons Company. (See Sunderland, Charles C., assignor.)
Rogers, Bruce W., and W. L. Glass, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Rubber-covered rolls. 1,619,371; Mar. 1.
Rohrbach, Adolf, Charlottenburg, Germany. Wing construction for metal airplanes. 1,619,372; Mar. 1.
Rohrbach, Adolf, Charlottenburg, Germany. Wing for flying machines. 1,619,373; Mar. 1.
Rohrbach, Adolf, Berlin-Wilmersdorf, Germany. Method and device for the increase of floating stability of airplanes. 1,619,374; Mar. 1.
Rolfs, Harry J. (See Rolfs, Robert H. and H. J.)
Rolfs, Robert H. and H. J., assignors to Amity Leather Products Co., West Bend, Wis. Bill folder. 1,619,543; Mar. 1.
Rollins, Henry H., Phoenix, Ariz. Shade or awning raising device. 1,619,635; Mar. 1.
Root Manufacturing Company, The. (See Root, Ralph R., assignor.)
Root, Ralph R., Lakewood, assignor to The Root Manufacturing Company, Cleveland, Ohio. Agricultural powder-distributing device. 1,619,316; Mar. 1.
Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
Ross, Hugh C., Toledo, and H. W. Falconer, near Perrysburg, Ohio; said Ross assignor to said Falconer. Identification device for vehicles. 1,619,271; Mar. 1.
Rounds, Charles W. and J. C., Seattle, Wash. Nonchattering gear. 1,619,799; Mar. 1.
Rounds, John C. (See Rounds, Charles W. and J. C.)
Rowley, Edward G., Belleville, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,619,375; Mar. 1.
Roy, William, O., Montreal, Quebec, Canada. Tree. 1,619,272; Mar. 1.
Royal Typewriter Company. (See Myers, Lewis C., assignor.)
Rubber Shock Insulator Company. (See Masury, A. F., and Fink, assignors.)
Rubel, Charles F., and F. Kucera, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine for cording. 1,619,436; Mar. 1.
Rubel, Charles F., and F. Kucera, assignor to Union Special Machine Company, Chicago, Ill. Seam for sewed articles. 1,619,437; Mar. 1.
Rudolph, Wilhelm. (See Hahnemann, W., Rudolph, and Wilckens.)
Rudolphi, Frank. (See Widell, M. E., and Rudolphi.)
Rudy, Addison E., Matewan, W. Va. Frame for steam shovels. 1,619,156; Mar. 1.
Ruetz, Carl, Zurich, Switzerland. Potato-laying machine. 1,619,488; Mar. 1.
Russell, Edward A., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Flexible pipe joint 1,619,218; Mar. 1.
Russell, Edward A., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Automatic regulating apparatus for car-heating systems. 1,619,219; Mar. 1.
Ryan, George E., Taunton, Mass. Heating and humidifying device. 1,619,092; Mar. 1.
Rypinski, Maurice C., Yonkers, N. Y., assignor to Brandes Laboratories, Inc., Newark, N. J. Loud-speaker cabinet. Des. 72,111; Mar. 1.
Rypinski, Maurice C., Yonkers, N. Y., assignor to Brandes Laboratories, Inc., Newark, N. J. Loud-speaker cabinet. Des. 72,112; Mar. 1.
Rypinski, Maurice C., Yonkers, N. Y., assignor to Brandes Laboratories, Inc., Newark, N. J. Loud-speaker cabinet. Des. 72,113; Mar. 1.
Sakatwalla, Byramji D., Crafton, Pa. Manufacture of alloy steel and iron. 1,619,462; Mar. 1.
Sallinger, Hans W. G., Berlin, Germany. Duplex arrangement for telegraph cables. 1,619,041; Mar. 1.
Sanford, Alfred F., Knoxville, Tenn. Radio apparatus. 1,619,544; Mar. 1.
Sanford, Alfred F., Knoxville, Tenn. Radio apparatus. 1,619,545; Mar. 1.
Sanford, Lynn H., assignor of one-half to C. L. Mann, Toledo, Ohio. Brake-shoe-key holder. 1,619,767; Mar. 1.
Sangamo Electric Company. (See Holtz, Frederick C., assignor.)
Sargent, George H., Chicago, Ill. Inspection plug. 1,619,273; Mar. 1.
Sauer, Johan N. A., Amsterdam, Netherlands. Apparatus for treating liquids with decolorizing, purifying, and filtering agents and for separating undissolved substances from liquids. 1,619,042; Mar. 1.
Sauvage, Herbert J., assignor to trustees of The Electro Thermostatic Control Company, Chicago, Ill. Thermostatic Control. 1,619,636; Mar. 1.
Schaab, Harry M. (See Proctor, R. V., and Schaab.)
Schanche, Herman G., Philadelphia, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lithophone and increasing the resistance thereof to sunlight. 1,619,376; Mar. 1.
Scheiwer, Albert T., Erie, Pa. Screw-driver mechanism for insulator screws. 1,619,043; Mar. 1.
Scheminger, John, jr., Providence, R. I., assignor to Aetna Automatic Oil Burner, Incorporated, New York, N. Y. Liquid-fuel saving and safety device. 1,619,157; Mar. 1.
Scherer, Karl, New York, N. Y. Spare-tire lock. 1,619,044; Mar. 1.
Schimmelpfennig, John, Cedar Rapids, Iowa. Combination woodworking machine. 1,619,158; Mar. 1.
Schley, Frederick L., and C. Ernst, Brooklyn, N. Y. Agricultural machine. 1,619,586; Mar. 1.
Schmidt'sche Heildampfy-Gesellschaft m. b. H. (See Thomsen, Peter, assignor.)
Schoenke, Walter, Lichterfelde, near Berlin, Germany. Appliance for practicing riding sport. 1,619,438; Mar. 1.
Schoenweitz, William F., Rochester, N. Y. Cooking utensil. 1,619,159; Mar. 1.
Schoger, William H., Aurora, Ill. Stenciling apparatus. 1,619,587; Mar. 1.
Schroeder, Simon E., assignor of one-half to One Minute Manufacturing Company, Newton, Iowa. Agitator for washing machine. 1,619,637; Mar. 1.
Schubert, Friedrich W., assignor to Brysilka, Limited, Apperley Bridge, near Bradford, England. Manufacture of artificial silk. 1,619,768; Mar. 1.
Schubert, Friedrich W., assignor to Brysilka, Limited, Apperley Bridge, near Bradford, England. Apparatus for use in the manufacture of artificial silk. 1,619,769; Mar. 1.
Schwarz, John N., Bridgeport, and V. W. Schwarz, Fairfield, Conn. Tile-making machine. 1,619,489; Mar. 1.
Schwarz, Vincent W. (See Schwarz, John N. and V. W.)
Schwarz, Vincent W., North Bergen, N. J. Mold plate for roofing-tile machines. 1,619,490; Mar. 1.
Scott, George H. (See Richmond, V. C., and Scott.)
Scrote, Merle C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire-building apparatus. 1,619,377; Mar. 1.
Scudder, Charles J., Scranton, Pa. Connecting-rod bearing. 1,619,588; Mar. 1.
Seal-Kap Company. (See Baum, Ewald G., assignor.)
Seal-Kap Company. (See McLaine, Claude I., assignor.)
Sears, Roebuck and Co. (See Sexton, Lawrence E., assignor.)
Seay, James I. (See Lawlor, J. P., and Seay.)
Sebring, E. H., China Company, The. (See Sebring, Ellsworth H., assignor.)
Sebring, Ellsworth H., assignor to The E. H. Sebring China Company, Sebring, Ohio. Covered dish. Des. 72,114; Mar. 1.
Seller, Carrie. (See Korn, Francesca, assignor.)
Sexton, Lawrence E., assignor to Sears, Roebuck and Co., Chicago, Ill. Tire. Des. 72,115; Mar. 1.
Sexton, Lawrence E., assignor to Sears, Roebuck and Co., Chicago, Ill. Tire. Des. 72,116; Mar. 1.
Shaffer, William D. (See Collins, James H., assignor.)
Sharples Specialty Company, The. (See Jones, L. D., and Ayres, assignors.)
Shaw, James, San Francisco, Calif. System of frost prevention for orchards. 1,619,378; Mar. 1.
Shaw, James, San Francisco, Calif. Fuel-feed device for internal-combustion engines. 1,619,379; Mar. 1.
Shepard, Herbert C., Frankfort, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,619,546; Mar. 1.
Shepard, Victor J. (See Houston, H. A., and Shepard.)
Sheridan, William J., Rochester, N. Y. Stock regulator for paper-making machines. 1,619,682; Mar. 1.
Shipley, Bernis M., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,619,796; Mar. 1.
Short, Gurney L., Angus, Minn. Cow-tail tie. 1,619,274; Mar. 1.
Sickler, Clarence E., Endicott, N. Y. Electric-circuit-control device. 1,619,638; Mar. 1.
Siebenbrodt, Otto, Chicago, Ill. Lamp stand. 1,619,639; Mar. 1.
Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung. (See Hojer, Wilhelm, assignor.)

Sieurin, Paul W., Gottenborg, Sweden. Tackle. 1,619,000; Mar. 1.
Sieurin, Sven A., Gottenborg, Sweden. Lifeboat. 1,619,001; Mar. 1.
Signal Gesellschaft mit beschränkter Haftung. (See Habnemann, W., Rudolph, and Wilckens, assignors.)
Silicox, Lewis K. (See Whipple, G. L., and Silicox.)
Sinclair Refining Company. (See Bell, John E., assignor.)
Sinclair Refining Company. (See Sloan, Alfred J., assignor.)
Simplex Refining Company. (See Kramer, Gustav A., assignor.)
Sixt, Frederick C. (See Frackelton, R. J., and Sixt.)
Skillern, William T., Boise, Idaho. Hose connection. 1,619,439; Mar. 1.
Sloan, Alfred J., Kansas City, Kans., assignor to Sinclair Refining Company, Chicago, Ill. Pressure still. 1,619,440; Mar. 1.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Explosionproof fuse. 1,619,640; Mar. 1.
Smith, Douglass M., Walla Walla, Wash. Toy gun. 1,619,275; Mar. 1.
Smith, Harry F., assignor to The Gas Research Company, Dayton, Ohio. Gas-generating apparatus. 1,619,441; Mar. 1.
Smith, Harry M. (See Neederman, Stephen A., assignor.)
Smith, Harvey J., Bay Point, Calif. Pendulum inclination indicator. 1,619,317; Mar. 1.
Smith, L C & Corona Typewriter Inc. (See Armstrong, Frank H., assignor.)
Smith, Oakley, Chicago, Ill. Measure of tension differential. 1,619,491; Mar. 1.
Snyder, Charles L. (See Northup, H. R., and Snyder.)
Snyder, Harry L., West Los Angeles, Calif. Paper-bag holder. 1,619,547; Mar. 1.
Sommer, Edmund T., North Attleboro, Mass. Finger ring. Des. 72,117; Mar. 1.
Sonora Phonograph Company. (See Gruber, Morris M., assignor.)
Sonora Phonograph Company. (See Wolff, Joseph, assignor.)
Spaeth, Charles, assignor to the Marvel Equipment Company, Cleveland, Ohio. Measuring and dispensing pump. 1,619,492; Mar. 1.
Spalding, A. G., & Bros. (See Pierce, G. L., and Rau, assignors.)
Spencer, Isaac N., Follansbee, W. Va. Stacking device or standard. 1,619,641; Mar. 1.
Sperti, George, Covington, assignor of one-fourth to A. F. Blecksmith, Dayton, Ky. Electric meter. 1,619,002; Mar. 1.
Spinks, William A., & Company. (See Hoskin, Edmund F., assignor.)
Spiral Piston Ring Company. (See Graves, Harry S., assignor.)
Spreen, Charles C., assignor, by mesne assignments, to Electric Refrigeration Corporation, Detroit, Mich. Mechanical refrigeration. 1,619,548; Mar. 1.
Standard Coupler Co. (See Goodwin, Ernest G., assignor.)
Standard Development Company. (See Johnson, Herbert L., assignor.)
Stanley Works, The. (See Parsons, Stuart W., assignor.)
Staples, Elden I., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor-control system. 1,619,380; Mar. 1.
Starr, Fred, et al. (See Pennebaker, George B., assignor.)
Stavrum, Maurice W., Chicago, Ill. Loop antenna. Des. 72,118; Mar. 1.
Steel Products Company, The. (See Crawford, F. C., and Graham, assignors.)
Steel Stamping Company, The. (See Bregman, Harry, assignor.)
Steele, Herbert H., Lynbrook, N. Y. Educational device for teaching spelling. 1,619,160; Mar. 1.
Steenrod, William J., assignor to Baker-Vawter Company, Benton Harbor, Mich. Loose-leaf binder. 1,619,589; Mar. 1.
Steere Engineering Company. (See Steere, George R., assignor.)
Steere, George R., assignor to Steere Engineering Company, Detroit, Mich. Gate or valve operating system. 1,619,003; Mar. 1.
Steiner, John, Poughkeepsie, N. Y. Polishing wheel. 1,619,442; Mar. 1.
Sternkopf, Christian J., Rittersgrun, Germany. Process and apparatus for the production of wood pulp. 1,619,004; Mar. 1.
Stevenson, Harry, Kearney, assignor to Brandes Laboratories, Inc., Newark, N. J. Electromagnetic sound reproducer. 1,619,161; Mar. 1.
Steward, William J., Boston, Mass. Collapsible chair and easel. 1,619,381; Mar. 1.
Stewart Manufacturing Company. (See Groves, Lucian S., assignor.)
Stewart, Robert, New York, N. Y. Dispensing container. 1,619,770; Mar. 1.
Stinson, Alexander J., Elgin, Ariz. Music-teaching device. 1,619,683; Mar. 1.
St. Louis Car Company. (See Richards, Leslie W., assignor.)
Stocker, William M., Woodhaven, assignor to Cameron Machine Company, Brooklyn N. Y. Winding means. 1,619,220; Mar. 1.
Stringer, Melvin, Pottstown, Pa. Forming band brakes. 1,619,549; Mar. 1.
Strodel, Norbert J., Syracuse, N. Y. Valve lifter. 1,619,162; Mar. 1.
Strong, Samuel M., Garden City, N. Y. Respiration and pulse recorder. 1,619,005; Mar. 1.
Studebaker Corporation, The. (See Link, Vincent, assignor.)
Stultz, George W. (See Warring, R. T., and Stultz.)
Submarine Signal Company. (See Fay, Richard D., assignor.)
Summers, Frank E., near Memphis, Mo., assignor to The Magnovox Company, San Francisco, Calif. Electrostatic detector and amplifier. 1,619,318; Mar. 1.
Sunderland, Charles C., assignor to John A. Roebling's Sons Company, Trenton, N. J. Rope-tension-testing device. 1,619,093; Mar. 1.
Sun Oil Company. (See McKee, James, assignor.)
Sutker, Louis, Brooklyn, N. Y. Roller bearing for sliding doors. 1,619,443; Mar. 1.
Swab, Jay G., Baldwin, assignor to Tension Envelope Co. Inc., Brooklyn, N. Y. Fastener for envelopes and the like. 1,619,382; Mar. 1.
Symington Company, The. (See Anderson, Gustaf A., assignor.)
Symington Company, The. (See Barrows, Donald S., assignor.)
Szakacs, Miklos. (See Zorgo, Desider, assignor.)
Tamberlin, John, assignor to The George W. Blabon Company, Philadelphia, Pa. Sheet-linoleum disintegrator. 1,619,276; Mar. 1.
Tanner, George W., Otis, Colo. Caster wheel. 1,619,590; Mar. 1.
Taubel, Clarence H., Riverside, N. J., assignor to Hemphill Company, Central Falls, R. I. Seamless knit, clocked stocking and making same. 1,619,788; Mar. 1.
Taylor, Doc G., Baytown, Tex. Antichattering device. 1,619,444; Mar. 1.
Taylor, Irving A., assignor to S. Riley Stoker Corporation, Worcester, Mass. Furnace-wall air plate. 1,619,445; Mar. 1.
Tension Envelope Co. Inc. (See Swab, Jay G., assignor.)
Ternstedt Manufacturing Company. (See Archer, Thomas P., assignor.)
Texas Company, The. (See Hall, Frank W., assignor.)
Thebaud, Victor E., and S. Wesselius, Grand Rapids Township, Kent County, Mich. Machine for mashing fruits and vegetables. 1,619,550; Mar. 1.
Thiemann, William B., Albert City, Iowa. Portable pneumatic elevating device. 1,619,277; Mar. 1.
Thomas, Arthur C., assignor to The Little Red Wagon Mfg. Co., Omaha, Nebr. Tractor dump wagon. 1,619,094; Mar. 1.
Thomas, Edward G., assignor to Toledo Scale Company, Toledo, Ohio. Device for weighing sheet material. 1,619,163; Mar. 1.
Thomas, Edward G., assignor to Toledo Scale Company, Toledo, Ohio. Testing device. 1,619,164; Mar. 1.
Thomas, Edward G., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,619,165; Mar. 1.
Thomas, Hubert S., Llandaff, and W. R. Davies, Whitchurch, Wales. Machinery employed in the shearing of metal plates or sheets. 1,619,684; Mar. 1.
Thomas, Walter H., Spencer, Iowa. Foot throttle control. 1,619,319; Mar. 1.
Thompson, Arthur A., assignor of one-half to E. R. McGinnis, Oakland, Calif. Ear protector. 1,619,772; Mar. 1.
Thompson, Howard A., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,619,221; Mar. 1.
Thomsen, Laura K. H., San Francisco, Calif. Dancing toy. 1,619,446; Mar. 1.
Thomsen, Peter, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshohe, Germany. Steam boiler. 1,619,447; Mar. 1.
Thurston, Herman B., Cleveland Heights, Ohio. Low-water alarm. 1,619,222; Mar. 1.
Tiefel, Charles G., Rochester, N. Y. Overinflation-preventing apparatus. 1,619,383; Mar. 1.
Time-O-Stat Corporation. (See Gauger, Frank A., assignor.)
Tingley, Leonard C., assignor to Federal Products Corporation, Providence, R. I. Cylinder gauge. 1,619,771; Mar. 1.
Tobolla, Victor. (See Eichhorn, Charles, assignor.)
Toledo Scale Company. (See Hem, Halvor O., assignor.)
Toledo Scale Company. (See Thomas, Edward G., assignor.)
Toler, William E., Pawnee, Okla. Stove. 1,619,166; Mar. 1.
Tolino, Silvia. (See Bocchino, Ernest, assignor.)
Tooker, Harry S., Joplin, assignor to W. D. James, Kansas City, Mo. Pump. 1,619,320; Mar. 1.
Towle Manufacturing Company. (See Nock, Harold E., assignor.)
Toy Tinkers, Inc., The. (See Pajeau, Charles H., assignor.)
Tracy, Horace D. (See Drake, Bert E., assignor.)
Travis, John M., St. Louis, Mo. Beverage-dispensing apparatus. 1,619,278; Mar. 1.

Trico Products Corporation. (See Pierce, Earl F., assignor.)
Trolel, Arthur E., Oakland, Calif. System of concrete construction. 1,619,321; Mar. 1.
Trustees of the Electro Thermostatic Control Company. (See Sauvage, Herbert J., assignor.)
Tuomi, Uuno E., Dallas, Tex. Sash-operating mechanism. 1,619,167; Mar. 1.
Tuttle, James L. (See Long, T. J., and Tuttle.)
Uhlemann, Theodore F., assignor to Nicholas Power Company, Inc., New York, N. Y. Framing mechanism for motion picture machines. 1,619,551; Mar. 1.
Updegrove, Alice J., and W. B. Marsh, Brooklyn, N. Y. Bed rest. 1,619,685; Mar. 1.
Uline Ice-Scoring Machine Company, The. (See Jobst, Conrad, assignor.)
Underwood Typewriter Company, The. (See Daniel, Royal G., assignor.)
Underwood Typewriter Company. (See Kupetz, Adolph G., assignor.)
Underwood Typewriter Company. (See Rowley, Edward G., assignor.)
Underwood Typewriter Company. (See Waldheim, John, assignor.)
Union Bag & Paper Corporation. (See Avery, True M., assignor.)
Union Special Machine Company. (See Rubel, C. F., and Kucera, assignors.)
Union Sulphur Company. (See Marx, Carl, assignor.)
Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
U. S. Industrial Alcohol Co. (See Backhaus, Arthur A., assignor.)
United Shoe Machinery Corporation. (See Gouldbourn, Joseph, assignor.)
United Shoe Machinery Corporation. (See Hughes, William, assignor.)
United States Engineering Company. (See Law, Edward F., assignor.)
U. S. Tool Company. (See Cahusac, Clarence N., assignor.)
U. S. Tool Co. (See Dester, William F., assignor.)
U. S. Tool Co. (See Hopkins, Arthur C., assignor.)
U. S. Tool Company. (See Powers, Charles P., assignor.)
United Steel and Wire Company. (See Jarvis, Charles H., assignor.)
Usoskin, Joseph, New York, N. Y. Display device. 1,619,095; Mar. 1.
Valentine, Charles W., assignor to The Bagley and Sewall Company, Watertown, N. Y. Paper-making machine. 1,619,168; Mar. 1.
Van Houten, Erskine B., South Nyack, N. Y. Beverage mixer. Des. 72,119; Mar. 1.
Vance, Arthur C., Brooklyn, N. Y. Fishing reel. 1,619,448; Mar. 1.
Van Der Pyl, Edward, assignor to Norton Company, Worcester, Mass. Safety-tread unit. 1,619,778; Mar. 1.
Van Deventer, Harry R., assignor to Dubilier Condenser Corporation, New York, N. Y. Condenser. 1,619,223; Mar. 1.
Van Deventer, Harry R., assignor to Radio Patents Corporation, New York, N. Y. Telephone attachment for phonographs and the like. 1,619,384; Mar. 1.
Van Nuys, Claude C., Cranford, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for separating the constituents of gaseous mixtures. 1,619,169; Mar. 1.
Vaporator Mfg. Co. (See Meikle, John, assignor.)
Vapor Car Heating Company. (See Russell, Edward A., assignor.)
Vaughan, Ross., assignor to The Ex-El Company, Pittsburgh, Pa. Coin-controlled vending machine. 1,619,006; Mar. 1.
Vend Ads Corp. (See Chandler, Daniel L., assignor.)
Villaret, Gustave E., Leonia, N. J., assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Chandelier or article of similar nature. Des. 72,120; Mar. 1.
Villaret, Gustave E., Leonia, N. J., assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Chandelier or article of similar nature. Des. 72,121; Mar. 1.
Voellmecke, Carl H., Cincinnati, Ohio. Pipe hanger. 1,619,591; Mar. 1.
Vogt Bros. & Squier Company. (See Vogt, Clarence, assignor.)
Vogt, Clarence, Wenonah, N. J., assignor to Vogt Bros. & Squier Company, Philadelphia, Pa. Latch. 1,619,789; Mar. 1.
Voices, Incorporated. (See Grubman, Anton L., assignor.)
Vosburgh, John R., Johnstown, N. Y. Traction device for vehicle tires. 1,619,170; Mar. 1.
Vulcan Last Company, The. (See Pollard, Carl I., assignor.)
Vulté, Hermann T., New Rochelle, N. Y. Antiskid chain. 1,619,592; Mar. 1.
Wagner, Ervin C., Indianapolis, Ind. Basket-ball game. 1,619,279; Mar. 1.
Wald Manufacturing Company. (See Pawsat, Ewald F., assignor.)
Waldheim, John, Elizabeth, N. J., assignor to Underwood typewriter Company, New York, N. Y. Typewriting machine. 1,619,045; Mar. 1.
Wallace, George L., San Diego, Calif. Water-heater vent pipe ceiling device. 1,619,385; Mar. 1.
Wallis, Henry E., and C. T. Kingston, Detroit, Mich. Boiler. 1,619,171; Mar. 1.
Walsh, Austin, New York, N. Y. Telescopic hatband. 1,619,007; Mar. 1.
Walsh, Harrie H., assignor to Kay Sign Company, Chicago, Ill. Advertising-projecting device. 1,619,090; Mar. 1.
Walsh, James M., Co. (See Walsh, James M., assignor.)
Walsh, James M., assignor to James M. Walsh Co., Milwaukee, Wis. Crown ring. 1,619,224; Mar. 1.
Walsh, James M., assignor to James M. Walsh Co., Milwaukee, Wis. Breast-strap slide. 1,619,225; Mar. 1.
Wanamaker, John, Philadelphia. (See Kratz, Howard L., assignor.)
Ward, Charles E., Charleston, W. Va. Portable repair chamber. 1,619,642; Mar. 1.
Ward, Edna S., Fort Worth, Tex. Bathing shoe. Re16,566; Mar. 1.
Ward, Edward B. (See Ridley, Grahame B., assignor.)
Ward, James H., Chicago, Ill. Drum. 1,619,046; Mar. 1.
Warring, Robert T., and G. W. Stultz, Brooklyn, N. Y. Radiator air valve. 1,619,386; Mar. 1.
Waselge, Charles, Ruell, France. Speed-reducing gear. 1,619,552; Mar. 1.
Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, Richard L., assignor.)
Waters, Harry H., assignor to Climax Engineering Company, Clinton, Iowa. Neutral brake. 1,619,449; Mar. 1.
Watts, Leo E., Amarillo, Tex. Ironing-board installment. 1,619,774; Mar. 1.
Waugh, Lester R., Mount Vernon, N. Y. Smoking utensil. 1,619,387; Mar. 1.
Webb, Martin L., Garden City, Kans. Wind turbine. 1,619,643; Mar. 1.
Wellman, Frank E., Kansas City, Kans. Liquid-level indicator. 1,619,553; Mar. 1.
Wells, Burling D., Danbury, assignor to R. S. Blair, Stamford, Conn. Deflation alarm for penumatic tires. 1,619,450; Mar. 1.
Weltz, Earl H. (See Pratt, L. S., Weltz, and Mills.)
Werbitzky, Theophilus D., Cleveland, Ohio. Rotary valve for internal-combustion engines. 1,619,226; Mar. 1.
Went, William F., Colorado Springs, Colo. Time feeder for domestic animals. 1,619,172; Mar. 1.
Wesselius, Sybrant. (See Thebaud, V. E., and Wesselius.)
Westerlund, William N., et al. (See McDonald, John C., assignor.)
Western Electric Company. (See Dunham, Bert G., assignor.)
Western Electric Company. (See Lum, George R., assignor.)
Western Electric Company. (See Williams, S. B., and Clement, assignors.)
Westinghouse Air Brake Company, The. (See Cass, C. P., and Craig, assignors.)
Westinghouse Electric and Manufacturing Company. (See Bethel, Claude, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bouton, Edgar M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Butcher, Charles A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Clay, Noble S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dann, Walter M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Davies, David R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Evans, Robert D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Guy, H. L., and Blacklock, assignors.)
Westinghouse Electric & Manufacturing Company. (See Haverstick, Earl J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Houston, H. A., and Shepard, assignors.)
Westinghouse Electric & Manufacturing Company. (See Holy, George H. F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Josiah F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kasley, Alexander T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mosshart, Donald J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Staples, Elden I., assignor.)
West Virginia Pulp and Paper Company. (See Drewsen, Viggo, assignor.)
Wetzel, Charles, New York, N. Y. Safety attachment for pocketbooks, etc. 1,619,644; Mar. 1.
Wever, Fritz, deceased, Stuttgart, Germany; H. Marmignat, administrator. Feather-lined material and making the same. 1,619,493; Mar. 1.
Weymann, Charles T., Paris, France. Window-glass guide for vehicles and the like. 1,619,047; Mar. 1.
Weymouth, Harry G., assignor to The Eaton Axle and Spring Company, Cleveland, Ohio. Combined fender and luggage carrier. 1,619,451; Mar. 1.
Wheeler, Mary E., Evanston, Ill. Window-curtain protector. 1,619,280; Mar. 1.
Whipple, Gordon L., Omaha, Nebr., and L. K. Silcox, Riverside, Ill. Railway-car-door construction. 1,619,048; Mar. 1.
White Company, The. (See Osborn, Arthur W., assignor.)

White, Jay C., New Castle, Pa. Multiple-carriage lathe. 1,619,281; Mar. 1.
Whitehill, David B., Clarendon, Pa. Spring suspension device. 1,619,452; Mar. 1.
Whitney, Eddy R., assignor to Commercial Truck Company, Philadelphia, Pa. Delivery truck. 1,619,775; Mar. 1.
Widell, Magnus E., Cincinnati, Ohio, and F. Rudolphi, Montclair, N. J., assignors to American Can Company, New York, N. Y. Blank-shearing apparatus. 1,619,227; Mar. 1.
Wilckens, Ernst. (See Hahnemann, W., Rudolph, and Wilckens.)
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Upsetting mechanism. 1,619,494; Mar. 1.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Upsetting mechanism. 1,619,495; Mar. 1.
Wilderson, Clinton G., assignor to The Crescent Machine Company, Leetonia, Ohio. Sectional chip breaker for planing machines. 1,619,008; Mar. 1.
Wilderson, Clinton G., assignor to The Crescent Machine Company, Leetonia, Ohio. Sectional feed roll for planing machines. 1,619,009; Mar. 1.
Wilderson, Clinton G., assignor to The Crescent Machine Company, Leetonia, Ohio. Mortising and boring machine. 1,619,049; Mar. 1.
Wilhelm, Henry, Brooklyn, N. Y. Contact device and insulation. 1,619,010; Mar. 1.
Wilkinson, William E. (See Laucks, S. F., and Wilkinson.)
Will & Baumer Candle Company Inc. (See Flannery, Martin A., assignor.)
Willett, Alfred H., West New York, N. J., assignor to American Arch Company. Fire pan. 1,619,453; Mar. 1.
Williams, Samuel B., jr., Brooklyn, N. Y., and L. M. Clement, Mountain Lakes, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Automatic telephone high-frequency trunk. 1,619,228; Mar. 1.
Williams, Theron H., and W. Wright, assignors, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Car-roof clamp. 1,619,282; Mar. 1.
Willson, Tom B., Pittsburgh, Pa. Automatic telephone apparatus. 1,619,554; Mar. 1.
Winkler, Louis G. (See Kelly, B. F., Miller, and Winkler.)
Winn, Adelbert D., Toronto, Ontario, Canada. Combined tongue and shoe-lace fastener. 1,619,322; Mar. 1.
Winters, Frederick V., New York, N. Y. Vacuum-creating instrument. 1,619,388; Mar. 1.
Winters, Frederick V., New York, N. Y. Vacuum-creating instrument. 1,619,389; Mar. 1.
Wired Radio, Inc. (See Hough, Clinton W., assignor.)
Wirrer, Gottfried, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Apparatus for vaporizing hydrocarbon mixtures. 1,619,050; Mar. 1.
Wisroth, Ernst, and A. J. Hirschfield, Los Angeles, Calif. Automobile parking device. 1,619,555; Mar. 1.
Witkowski, Walter, Brooklyn, N. Y. Camp stool. 1,619,686; Mar. 1.
Wodke, Otto, assignor of one-half to the Firm Actien Gesellschaft "Neptun" Schiffswerft und Maschinenfabrik, Rostock, Germany. Seed dispenser. 1,619,687; Mar. 1.
Wolff, Joseph, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc. Radiocabinet. Des. 72,122; Mar. 1.
Wolff, Joseph, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc. Radiocabinet. Des. 72,123; Mar. 1.
Wolff, Joseph, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc. Radiocabinet. Des. 72,124; Mar. 1.
Wolf, Frank, New York, N. Y. Collar fastener. 1,619,390; Mar. 1.
Wolters, Otto, Magdeburg, and K. Höper, Berlin-Charlottenburg, Germany, assignors to said Wolters. Feeling mechanism for machines for punching controlling bands. 1,619,645; Mar. 1.
Wood, Floyd R., Grand Rapids, Mich. Oil-feed construction. 1,619,229; Mar. 1.
Woodruff, Albert N., Washington, D. C. Type-bar mechanism. 1,619,391; Mar. 1.
Worthington Pump and Machinery Corporation. (See Jorgensen, Olav E., assignor.)
Wright, John E., Mayfield, Ky. Calculator. 1,619,230; Mar. 1.
Wright, William. (See Williams, T. H., and Wright.)
Yates, Sydney. (See Yates, Walter and S.)
Yates, Walter and S., Swinton, near Manchester, England. Heat-exchanging apparatus. 1,619,776; Mar. 1.
Young, A. Homer, et al. (See Jones, Leslie W., assignor.)
Youngstown Pressed Steel Company. (See Curtis, Lewis E., assignor.)
Zerk, Oscar, now by judicial change of name Oscar Ulysses Zerk, Cleveland, Ohio, assignor, by mesne assignments to The Gassick Manufacturing Company. Lubricant-receiving nipple. 1,619,454; Mar. 1.
Zerk, Oscar U., Detroit, Mich., assignor, by mesne assignments, to The Bassick Manufacturing Company. Lubricating nipple. 1,619,455; Mar. 1.
Zierlein, William. (See La Rue, H. F., and Zierlein.)
Zimmerman, Harry C., Washington, D. C. Cradle lock for gun carriages. 1,619,173; Mar. 1.
Zorgo, Desider, Montreal, Quebec, Canada, assignor of four-tenths to M. Szakacs, Brooklyn, N. Y. Automatic electric time switch. 1,619,777; Mar. 1.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 1ST DAY OF MARCH, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abdominal support. C. H. Hittenberger. 1,619,513; Mar. 1.
Abrading machine. J. Gouldbourn. 1,619,021; Mar. 1.
Abrasive-supplying means. H. W. Hill. 1,619,344; Mar. 1.
Advertising-projecting device. H. H. Walsh. 1,619,096; Mar. 1.
Aerial advertiser. J. Chvojka. 1,619,565; Mar. 1.
Agricultural machine. F. L. Schley and C. Ernst. 1,619,586; Mar. 1.
Aircraft. M. T. Brush. 1,619,100; Mar. 1.
Aircraft, Producing smoke clouds from moving. D. B. Bradner and N. E. Oglesby. 1,619,183; Mar. 1.
Airplanes, Method and device for the increase of floating stability of. A. Rohrbach. 1,619,374; Mar. 1.
Airplanes, Wing construction for metal. A. Rohrbach. 1,619,372; Mar. 1.
Alarm: *See*—
Low-water alarm.
Alkyl-nitronryl ethers, Making. L. S. Pratt, E. H. Weltz, and W. L. Mills. 1,619,368; Mar. 1.
Alloy steel and iron, Manufacture of. B. D. Saklatwalla. 1,619,462; Mar. 1.
Aluminum chloride, Manufacture of. F. W. Hall. 1,619,022; Mar. 1.
Ammonium-aluminum sulphate from aluminum-sulphate solutions containing ferric compounds, Extraction of. R. Ganssen. 1,619,666; Mar. 1.
Amusement apparatus. E. M. Long. 1,619,580; Mar. 1.
Amusement device. J. R. Anderson. 1,619,325; Mar. 1.
Animal marker. F. Latagliata. 1,619,424; Mar. 1.
Antenna, Loop. M. W. Stavrum. Des. 72,118; Mar. 1.
Antichattering device. D. G. Taylor. 1,619,444; Mar. 1.
Antiskid chain. H. T. Vulté. 1,619,592; Mar. 1.
Armature-core insulation. A. B. Gomory. 1,619,415; Mar. 1.
Articles from sheets of material, Apparatus for forming. A. A. MacLaren. 1,619,210; Mar. 1.
Artificial knee joint. H. Rehm. 1,619,485; Mar. 1.
Ash-sifting shovel. A. H. Miller. 1,619,266; Mar. 1.
Automobile heater. E. P. Gray. 1,619,116; Mar. 1.
Automobile lens. L. E. Rice. 1,619,038; Mar. 1.
Automobile parking device. E. Wisroth and A. J. Hirschfield. 1,619,555; Mar. 1.
Automobile safety attachment. M. Doujak. 1,619,709; Mar. 1.
Automobile seat-cushion cover. M. F. Aaron. 1,619,556; Mar. 1.
Automobile trunk and table, Combination. T. J. Bricca and J. C. Favilla. 1,619,186; Mar. 1.
Automobiles, Foot scraper for. L. J. Crowe. 1,619,404; Mar. 1.
Automobiles, Illuminated license-tag holder for. J. R. Kerns. 1,619,520; Mar. 1.
Automobiles, Safety device for. H. Brown. 1,619,697; Mar. 1.
Automobiles, Screen for. R. W. Evans. 1,619,501; Mar. 1.
Axle drive, Balanced rear-. A. H. Asprooth and A. M. Leoni. 1,619 051; Mar. 1.
Bag: *See*—
Siftproof bag.
Bag holder, Paper-. H. L. Snyder. 1,619,547; Mar. 1.
Bait box. H. A. Ront. 1,619,634; Mar. 1.
Ball: *See*—
Playing ball.
Bank, Coin. J. B. Ingalls. 1,619,073; Mar. 1.
Bar: *See*—
Tracker bar.
Bath mit. A. Bennasi. 1,619,180; Mar. 1.
Bend mold. C. H. Desautels. 1,619,102; Mar. 1.
Beam adjuster. J. P. Ratigan. 1,619,216; Mar. 1.
Bearing, Connecting-rod. C. J. Scudder. 1,619,588; Mar. 1.
Bearing sleeves, Tool for inserting and removing. F. Merdian. 1,619,625; Mar. 1.
Bearing surfaces, Method of and apparatus for finishing cylindrical. G. R. Maupin. 1,619,479; Mar. 1.
Bed and trunk, Convertible. C. D. MacDonald. 1,619,353; Mar. 1.
Bed rest. A. J. Updegrove. 1,619,685; Mar. 1.
Bed springs, Attachment for. E. L. Bronstien. 1,619,187; Mar. 1.
Belt-hook-closing machine. F. W. Knott. 1,619,137; Mar. 1.
Bench: *See*—
Greenhouse bench.
Beverage mixer. E. B. Van Houten. Des. 72,119; Mar. 1.
Beverages, Clarification of. J. Duclaux. 1,619,016; Mar. 1.
Bill folder. R. H. and H. J. Rolfs. 1,619,543; Mar. 1.
Billiard tables and the like, Bed for. E. F. Hoskin. 1,619,515; Mar. 1.
Binder, Loose-leaf. W. J. Steenrod. 1,619,580; Mar. 1.
Blade fastening. A. T. Kasley. 1,619,133; Mar. 1.
Blade holder. L. F. Duff. 1,619,249; Mar. 1.
Blank-holding means. R. W. Glasner and J. Nelson. 1,619,069; Mar. 1.
Blank-shearing apparatus. M. E. Widell and F. Rudolphi 1,619,227; Mar. 1.
Blanks, Machine for punching and reenforcing. A. Olgay. 1,619,214; Mar. 1.
Board: *See*—
Ironing board.
Boat, Fish. A. Reinhart. 1,619,762; Mar. 1.
Boat, Life. S. A. Sleurin. 1,619,001; Mar. 1.
Boat, Speed. J. Plum. 1,618,995; Mar. 1.
Boiler: *See*—
Sectional heating boiler. Steam boiler.
Boiler. H. E. Wallis and C. T. Kingston. 1,619,171; Mar. 1.
Boiler baffle. G. H. Dickson. 1,619,463; Mar. 1.
Bolt: *See*—
Lock bolt.
Bolt machines, Work-handling mechanism for. J. A. Kinney. 1,619,077; Mar. 1.
Boot or shoe, composite sole therefor, and manufacturing same. B. F. Hartwell. 1,619,023; Mar. 1.
Bottle cap. E. G. Baum. 1,619,283; Mar. 1.
Bottle cap. L. S. Groves. 1,619,509; Mar. 1.
Bottle closure. W. H. Knowles. 1,619,136; Mar. 1.
Bottle, Perfume. G. Grunberg. Des. 72,093; Mar. 1.
Bottle, Perfume. G. Grunberg. Des. 72,006; Mar. 1.
Bottle protector, Milk. J. A. McNamara. 1,619,745; Mar. 1.
Bottle, Sanitary milk. J. D. McCumpsey. 1,619,089; Mar. 1.
Bowl, Centrifugal. L. D. Jones and A. U. Ayres. 1,619,347; Mar. 1.
Box: *See*—
Bait box. Cigarette box.
Cake box.
Box for storing furs. B. Müller. 1,619,529; Mar. 1.
Box toes, Making. E. I. La Chapelle. 1,619,350; Mar. 1.
Boxes, Machine for forming blanks for corrugated-paper. J. F. Jones. 1,619,207; Mar. 1.
Brace: *See*—
Chair brace.
Bracelet hook. S. O. Bigney. 1,619,014; Mar. 1.
Brake: *See*—
Neutral brake.
Brake. V. Link. 1,619,262; Mar. 1.
Brake. V. Link. 1,619,579; Mar. 1.
Brake. L. W. Richards. 1,619,039; Mar. 1.
Brake control, Rear air-. J. Juliano. 1,619,132; Mar. 1.
Brake device, Automatic. C. F. Cass and J. F. Craig. 1,619,239; Mar. 1.
Brake mechanism. E. Riedinger. 1,619,542; Mar. 1.
Brake-shoe-key holder. L. H. Sanford. 1,619,767; Mar. 1.
Brake-testing device. W. L. Fry. 1,619,714; Mar. 1.
Brakes, Forming band. M. Stringer. 1,619,549; Mar. 1.
Braking mechanism. A. H. G. Girling. 1,619,718; Mar. 1.
Bridge, Adjustable. F. E. Peterson. 1,619,367; Mar. 1.
Bridge, Movable. H. L. Prinz. 1,619,678; Mar. 1.
Brushes, Manufacturing. H. P. McMillan. 1,619,428; Mar. 1.
Buckles, Manufacturing. C. P. Nourse. 1,619,533; Mar. 1.
Buildings and the like, Producing models of. M. R. Rettig. 1,619,435; Mar. 1.
Bumper device, Collision. W. H. Rademackers, sr., and W. H. Rademackers, jr. 1,619,540; Mar. 1.
Bumper, Rubber shock-insulated. F. Pampinella. 1,619,087; Mar. 1.
Bung-seat construction. H. M. Dillhoefer. 1,619,603; Mar. 1.
Burner: *See*—
Oil burner. Stubble burner.
Butter and cream treating process. R. K. Cooney. Re16,562; Mar. 1.
Button and fastener therefor. H. R. Lichtenstein. 1,619,800; Mar. 1.
Button, Collar. E. F. Coates. 1,619,706; Mar. 1.
Buttonhole attachment. J. A. Guy. 1,619,613; Mar. 1.
Button, Rubber. C. A. Rehor. 1,619,541; Mar. 1.
Buttons, Machine for making. L. H. Bean. 1,619,233; Mar. 1.
Cabinet. Z. P. Pietrzycki. 1,619,312; Mar. 1.
Cabinet, Filing. B. G. Rand. 1,619,761; Mar. 1.
Cabinet for sound reproducing mechanism. C. H. Cowan. Des. 72,087–9; Mar. 1.
Cabinet for sound-reproducing mechanism. A. C. Mowitz. Des. 72,106; Mar. 1.
Cabinet, Ice-cream. J. Goldsmith. 1,619,611; Mar. 1.
Cabinet, Loud-speaker. M. C. Rypinski. Des. 72,111–13; Mar. 1.
Cake box. F. Korn. 1,619,423; Mar. 1.
Calcium arsenate, Producing. H. K. Moore. 1,619,267; Mar. 1.

Calcium cyanamide and deodorizing the same, Removing the dust from. J. Breslauer. 1,619,185; Mar. 1.
Calculator. J. E. Wright. 1,619,230; Mar. 1.
Calibrating device for gauge sticks. W. C. Murtaugh. 1,619,363; Mar. 1.
Camera. S. M. Fairchild. 1,619,108; Mar. 1.
Candle receptacles, Apparatus for cleaning. M. A. Flannery. 1,619,110; Mar. 1.
Cap, Dust. W. F. Durrea. 1,619,710; Mar. 1.
Car-door construction, Railway-. G. L. Whipple and L. K. Silcox. 1,619,048; Mar. 1.
Car door, Grain-. I. D. Parker. 1,619,310; Mar. 1.
Car-heating systems, Automatic regulating apparatus for. E. A. Russell. 1,619,219; Mar. 1.
Car-roof clamp. T. H. Williams and W. Wright. 1,619,282; Mar. 1.
Car waste-transfer apparatus, Passenger. S. S. Riegel. 1,619,369; Mar. 1.
Carbon dioxide, Process and apparatus for making concentrated. V. Drewsen. 1,619,336; Mar. 1.
Carbon, Manufacture of vegetable. L. H. Bonnard. 1,619,649; Mar. 1.
Carbon, Revivifying. A. A. Backhaus. 1,619,327; Mar. 1.
Carbon used in purifying ethylene, Revivifying. A. A. Backhaus. 1,619,326; Mar. 1.
Carburetor. A. V. Chapin. 1,619,329; Mar. 1.
Carburetor. W. M. Crofton. 1,619,656; Mar. 1.
Carburetor. E. W. Pagett. 1,619,309; Mar. 1.
Card, Milk. A Pearson and D. N. Lindquist. 1,619,756; Mar. 1.
Card, Order. O. G. Hausner. 1,619,511; Mar. 1.
Cards, etc., Device for displaying. A. Reese. 1,619,434; Mar. 1.
Carrier: *See*—
Fender and luggage carrier.
Carry iron. D. S. Barrows. 1,619,693; Mar. 1.
Case: *See*—
Cigarette case. Waterproof case.
Cash register. F. L. Fuller and W. H. Robertson. 1,619,664; Mar. 1.
Cash register. B. M. Shipley. 1,619,796; Mar. 1.
Casing wedge. C. A. Rasmussen. 1,619,268; Mar. 1.
Caster wheel. G. W. Tanner. 1,619,590; Mar. 1.
Cement tile, Aggregate-. G. N. Jeppson. 1,619,733; Mar. 1.
Centrifugal separator. B. C. Carter. 1,619,652; Mar. 1.
Chain hook, Nonskid cross-. L. Browne. 1,619,188; Mar 1.
Chain, Tension fastening for antislip. A. G. Hartung. 1,619,471; Mar. 1.
Chair. G. D. Furlong. 1,619,503; Mar. 1.
Chair and easel, Collapsible. W. J. Steward. 1,619,381; Mar. 1.
Chair brace. G. W. Carter. 1,619,402; Mar. 1.
Chandelier. H. Aglow. Des. 72,077; Mar. 1.
Chandelier or article of similar nature. T. J. Petersen. Des. 72,109; Mar. 1.
Chandelier or article of similar nature. G. E. Villaret. Des. 72,120–1; Mar. 1.
Chassis, Motor-truck. N. L. Olson. 1,619,308; Mar. 1.
Checkweighing and grading by weight, Machine for. E. B. Elder. 1,619,787; Mar. 1.
Cigar holder, Humidor. H. R. Northup and C. L. Snyder. 1,619,306; Mar. 1.
Cigar lighter and ash tray, Combined. C. Graff. Des. 72,091–2; Mar. 1.
Cigarette box. G. A. MacVey. 1,619,622; Mar. 1.
Cigarette case. W. D. Heap. 1,619,418; Mar. 1.
Cigarette holder, Safety. C. E. Ferguson. 1,619,408; Mar. 1.
Cigarettes, Means for packing. G. C. Ekström, G. Örström, and B. A. E. Johnson. 1,619,062; Mar. 1.
Cigars, Banding. W. Intemann. 1,618,983; Mar. 1.
Circuit breakers, Switch contact for. D. R. Davies. 1,618,969; Mar. 1.
Circuit controller, Engine-controlled pneumatically-operated. L. B. Doman. 1,619,103; Mar. 1.
Circuits, System of multifrequency. R. W. Deardorff. 1,619,000; Mar. 1.
Clamp: *See*—
Car-roof clamp. Quick-action clamp.
Hose-repair clamp.
Clamp. R. Murray. 1,619,749; Mar. 1.
Clarifying and purifying liquids and waste waters. A. J. Ravnestad. 1,619,036; Mar. 1.
Clasp: *See*—
Lingerie clasp.
Cleaner: *See*—
Cotton cleaner. Windshield cleaner.
Cleansing and polishing agent. R. A. Kuever. 1,619,076; Mar. 1.
Clock casing. R. V. Kohn. 1,619,674; Mar. 1.
Clock, Electrically-operated. B. C. Campbell. 1,619,564; Mar. 1.
Clutch device. H. A. Meyers. Re16,565; Mar. 1.
Clutch, Hydraulic. V. A. Nelson. 1,619,751; Mar. 1.
Coating materials. E. J. Haverstick. 1,619,343; Mar. 1.
Coin-controlled devices, Fraud preventer for. W. F. Donathan. 1,619,247; Mar. 1.
Collar fastener. F. Wolf. 1,619,390; Mar. 1.
Color mixer. H. Gruender. 1,619,468; Mar. 1.
Comminuted solid material, Cooling. J. O. Jensen. 1,619,577; Mar. 1.
Compass, Beam. K. Akashi. 1,619,392; Mar. 1.
Compass, Beam. E. Nelson. 1,619,750; Mar. 1.
Compressor. C. P. Eisenhauer. 1,619,466; Mar. 1.
Concrete construction, System of. A. E. Troiel. 1,619,321; Mar. 1.
Concrete-mixing machine, Combination tandem. E. H. Mcmillan. 1,619,145; Mar. 1.
Condenser. J. A. Fried. 1,619,201; Mar. 1.
Condenser. H. R. Van Deventer. 1,619,223; Mar. 1.
Condenser, Evaporative. J. E. Bell. 1,619,284; Mar. 1.
Condenser rotors, Constructing variable. C. P. Powers. 1,618,996; Mar. 1.
Condenser, Sectional. J. Price. 1,619,034; Mar. 1.
Condenser, Variable. C. N. Cahusac. 1,618,974; Mar. 1.
Conduits, Withdrawing cords from molded. T. E. Murray. 1,619,362; Mar. 1.
Contact device and insulation. H. Wilhelm. 1,619,010; Mar. 1.
Container. R. D. Hill. 1,619,727; Mar. 1.
Container closure. C. I. McLaine. 1,619,264; Mar. 1.
Container for hair in permanent-waving process. W. S. Lewis and J. C. Murray. 1,619,798; Mar. 1.
Container, Sealed metal. H. A. Fink. 1,619,411–12; Mar. 1.
Control system. E. M. Bouton. 1,619,398; Mar. 1.
Cooking utensil. W. F. Schoenweitz. 1,619,159; Mar. 1.
Core barrel. C. H. Benckenstein. 1,619,328; Mar. 1.
Cotton cleaner. C. J. Baker. 1,619,178; Mar. 1.
Coupling: *See*—
Flexible coupling. Tube coupling.
Tram-pipe coupling.
Coupling and hose, Steam iron. J. J. Mulconroy. 1,619,583; Mar. 1.
Coupling for logs, Chain. E. Larsson. 1,619,675; Mar. 1.
Coverings, Method of and apparatus for laying protective. A. C. Chenoweth. 1,619,331; Mar. 1.
Cow-tail tie. G. L. Short. 1,619,274; Mar. 1.
Crank-case construction. G. D. Angle. 1,619,012; Mar. 1.
Crown ring. J. M. Walsh. 1,619,224; Mar. 1.
Cultivator. J. Martikainen. 1,619,797; Mar. 1.
Cultivator, Disk. R. Killefer. 1,619,208; Mar. 1.
Curtain fuxture. W. C. Barrett. 1,619,456; Mar. 1.
Cylinder gauge. C. C. Robbins. 1,619,370; Mar. 1.
Cylinder gauge. L. C. Tingley. 1,619,771; Mar. 1.
Degumming. L. N. Gillis. 1,619,111; Mar. 1.
Dental plate retainer. W. R. Badger. 1,619,647; Mar. 1.
Desiccator. G. B. Ridley. 1,619,765; Mar. 1.
Diagnostic instrument. H. L. De Zeng. 1,618,970–1; Mar. 1.
Dial. Vernier tuning. A. W. Franklin. 1,619,338; Mar. 1.
Differential mechanism. F. M. Lewis. 1,619,141; Mar. 1.
Direction, Finding. R. D. Fay. 1,619,017; Mar. 1.
Direction indicator. W. J. Parks and L. B. Evans. 1,619,536; Mar. 1.
Dish, Covered. E. H. Sebring. Des. 72,114; Mar. 1.
Dishwashing machine. G. S. Blakeslee. 1,619,236; Mar. 1.
Disk wheels, Carrier for spare. H. V. Ludwick. 1,619,026; Mar. 1.
Dispatch systems, Power-control device for pneumatic-. J. T. Cowley. 1,619,707; Mar. 1.
Dispensing apparatus, Beverage. J. M. Travis. 1,619,278; Mar. 1.
Dispensing container. R. Stewart. 1,619,770; Mar. 1.
Dispensing machine, Selective. W. C. Cutler. 1,619,293; Mar. 1.
Display background. M. S. Goldman and E. W. Huttig. 1,619,719; Mar. 1.
Display device. B. E. Drake. 1,619,658; Mar. 1.
Display device. J. Usoskin. 1,619,095; Mar. 1.
Display rack. C. H. Hoth. 1,619,420; Mar. 1.
Distillation and condensation, Apparatus and process for fractional. J. E. Bell. 1,619,396; Mar. 1.
Distribution system. R. D. Evans. 1,619,337; Mar. 1.
Doll eyes, Movable. C. Reinhardt and B. Pelz. 1,619,763; Mar. 1.
Doll, Novelty. G. E. Austin. 1,619,393; Mar. 1.
Door. A. Kirschbaum. 1,619,578; Mar. 1.
Doorcheck strap. J. R. Gammeter. 1,619,067; Mar. 1.
Door for cottonseed boxes. C. B. Counts. 1,619,784; Mar. 1.
Doors, Roller bearing for sliding. L. Sutker. 1,619,443; Mar. 1.
Dough-dividing machine. C. Dorn. 1,619,104; Mar. 1.
Drawing instrument. T. F. McCaffery, jr. 1,619,427; Mar. 1.
Drill: *See*—
Radial drill.
Drill. O. Luschnig. 1,619,209; Mar. 1.
Drip vent, Circulating. A. Buss. 1,619,238; Mar. 1.
Driving connection, Resilient. G. H. F. Holy. 1,619,345; Mar. 1.
Drum. J. H. Ward. 1,619,046; Mar. 1.
Dyeing and oxidizing machine. J. C. McFalls. 1,619,263; Mar. 1.
Ear protector. A. A. Thompson. 1,619,772; Mar. 1.
Edging machine. A. Maynard. 1,619,358; Mar. 1.
Educational device for teaching spelling. H. H. Steele. 1,619,160; Mar. 1.
Electric-arc-welding apparatus, Transformer for. F. C. Owen. 1,619,753; Mar. 1.
Electric bulbs, Apparatus for removing and inserting. J. L. Berry and W. Holden. 1,619,550; Mar. 1.
Electric-circuit-control device. C. E. Sickler. 1,619,638; Mar. 1.

Electric-crystal apparatus, Piezo-. C. W. Hough. 1,619,125; Mar. 1.
Electric-light bracket. J. R. Buchanan and R. H. Abbott. Des. 72,085; Mar. 1.
Electric-light fixtures, Bobeche for. J. R. Buchanan and R. H. Abbott. Des. 72,086; Mar. 1.
Electric-lighting switch, Door-controlled. J. M. Kern. 1,619,134; Mar. 1.
Electric meter. G. Sperti. 1,619,002; Mar. 1.
Electric wires, Connecter for. W. Hughes. 1,619,517; Mar. 1.
Electrical condenser. M. Clark. 1,619,597; Mar. 1.
Electromagnetic sound reproducer. H. Stevenson. 1,619,161; Mar. 1.
Electrostatic detector and amplifier. F. E. Summers. 1,619,318; Mar. 1.
Elevator. J. Dunlop. 1,619,405; Mar. 1.
Engine: *See*—
Heat engine. Internal-combustion engine.
Engine and means for supplying charge thereto, Internal-combustion. J. M. Cage. 1,619,460; Mar. 1.
Engines, Air washer for internal-combustion. E. V. Morris. 1,619,029; Mar. 1.
Engines, Auxiliary air and fume supply for explosive. A. V. Chapin. 1,619,330; Mar. 1.
Engines, Auxiliary air control for gasoline. W. G. Marsh. 1,619,082; Mar. 1.
Engines, Fuel-feed device for internal-combustion. J. Shaw. 1,619,379; Mar. 1.
Engines, Rotary valve for internal-combustion. T. D. Werbitzky. 1,619,226; Mar. 1.
Engines, Starter for gas. H. W. Gauld. 1,619,414; Mar. 1.
Engines, Vaporizer and preheater for internal-combustion. M. Beck. 1,619,496; Mar. 1.
Engines, Working substance for heat. R. Davenport. 1,619,194; Mar. 1.
Envelope-fastening device. A. Olgay. 1,619,215; Mar. 1.
Envelope-window-cutting device. A. Olgay. 1,619,365; Mar. 1.
Envelopes and the like, Fastener for. J. G. Swab. 1,619,382; Mar. 1.
Exhibitor, Changeable. G. B. Pennebaker. 1,619,088; Mar. 1.
Exhibitor, Changeable. G. R. Price. 1,619,155; Mar. 1.
Expansible fastening. J. A. Dedouch. 1,619,568–9; Mar. 1.
Eyeglasses or spectacles. J. T. Evans. 1,619,659; Mar. 1.
Fabricating structural members. M. A. Baker. 1,619,232; Mar. 1.
Fastener, Combined tongue and shoe-lace. A. D. Winn. 1,619,322; Mar. 1.
Fastener, Slip-cover. G. R. Middleton. 1,619,265; Mar. 1.
Fastening device. D. I. Reiter. 1,619,764; Mar. 1.
Faucet, Compression. E. M. Alfonzo. 1,619,781; Mar. 1.
Feather-lined material and making same. F. Wever. 1,619,493; Mar. 1.
Feeder for domestic animals, Time. W. F. Went. 1,619,172; Mar. 1.
Fender and luggage carrier, Combined. H. G. Reymonth. 1,619,451; Mar. 1.
Fertilizer distributor. L. E. Roby. 1,619,795; Mar. 1.
Fertilizers, Manufacture of nitrogenous. E. H. Richards and H. B. Hutchinson. 1,619,679; Mar. 1.
Filter. H. L. Guy and T. Blacklock. 1,619,118; Mar. 1.
Filter. J. F. Nelson. 1,619,584; Mar. 1.
Finger ring. E. T. Sommer. Des. 72,117; Mar. 1.
Fire extinguisher. W. H. Heaton. 1,619,120; Mar. 1.
Fire pan. A. H. Willett. 1,619,453; Mar. 1.
Fire-pot construction. O. J. Groehn and W. Blaskewitz. 1,618,981; Mar. 1.
Fish-catching apparatus. H. E. Blecker. 1,619,560; Mar. 1.
Fishing apparatus. B. C. Heckman. 1,619,512; Mar. 1.
Fishing hook. L. C. Mathey. 1,619,147; Mar. 1.
Fishing reel. A. C. Vance. 1,619,448; Mar. 1.
Fishing tool, Mechanic's. P. J. McCloskey. 1,619,744; Mar. 1.
Fishpole holder. E. V. Nunlist. 1,619,152; Mar. 1.
Flexible coupling. H. Bell. 1,619,457; Mar. 1.
Floor domes, Semimetallic flexible form for. H. Read and S. M. Higgins. 1,619,269; Mar. 1.
Floor-finishing apparatus. J. T. Garton. 1,619,571; Mar. 1.
Floor heater. T. P. Blair. 1,619,593; Mar. 1.
Flow-controlling apparatus. G. H. Gibson. 1,619,253; Mar. 1.
Flow meter, Fluid-. B. Graemiger. 1,619,416; Mar. 1.
Fluid-supply lines, Automatic cut-off for pressure-. P. D. Sconopouly. 1,619,500; Mar. 1.
Fluids, Apparatus for controlling. J. F. Donnelly. 1,619,335; Mar. 1.
Flying machines, Wing for. A. Rohrbach. 1,619,373; Mar. 1.
Folding table. J. Hoszowski. 1,619,124; Mar. 1.
Foot rest and robe container, Combination. E. R. Heller. 1,619,725; Mar. 1.
Forceps, Animal. W. Hylarides. 1,619,299; Mar. 1.
Frame: *See*—
Suspension frame. Track side frame.
Fraud-preventing device. D. L. Chandler. 1,619,654; Mar. 1.
Fruit picker. W. D. Hughes. 1,619,731; Mar. 1.
Fruit, vegetable, or other edible natural or manufactured substances and making a powdered fruit, vegetable, or other edible substance or composition, Powdered soluble. C. J. Greenstreet. 1,619,202; Mar. 1.
Fruits and vegetables, Machine for mashing. V. E. Thebaud and S. Wesselius. 1,619,550; Mar. 1.
Furnace-wall air plate. I. A. Taylor. 1,619,445; Mar. 1.
Furnace-wall construction, Corner-fill. G. P. Reintjes. 1,619,270; Mar. 1.
Furnace-water-pan construction. J. P. Kolla. 1,619,261; Mar. 1.
Furnaces, Lining material for alkali-recovery. J. Beveridge. 1,619,785; Mar. 1.
Fuse, Explosionproof. W. W. Sloane. 1,619,640; Mar. 1.
Game, Basket-ball. E. C. Wagner. 1,619,279; Mar. 1.
Garment hanger. J. E. Mayhew. 1,619,742; Mar. 1.
Gas-absorption apparatus. M. Mauran. 1,619,430; Mar. 1.
Gas-generating apparatus. H. F. Smith. 1,619,441; Mar. 1.
Gas stove and range, Combined. S. H. Hobson. Des. 72,094; Mar. 1.
Gaseous mixtures, Apparatus for separating the constituents of. C. C. Van Nuys. 1,619,169; Mar. 1.
Gasoline, Treatment of. M. W. Harriger and W. J. Baker. 1,619,206; Mar. 1.
Gate or valve operating system. G. R. Steere. 1,619,003; Mar. 1.
Gauge: *See*—
Cylinder gauge.
Gauge. A. T. and P. H. Boese. 1,619,695; Mar. 1.
Gear and means for controlling the same, Variable-speed. A. E. L. Chorlton. 1,619,701; Mar. 1.
Gear for airships, Mooring. V. C. Richmond and G. H. Scott. 1,619,680; Mar. 1.
Gear, Friction draft. E. G. Goodwin. 1,619,112; Mar. 1.
Gear, Nonchattering. C. W. and J. C. Rounds. 1,619,799; Mar. 1.
Gear, Speed-reducing. C. Waselge. 1,619,552; Mar. 1.
Gear-testing machine. C. G. Olson. 1,619,483; Mar. 1.
Gear, Variable-speed. F. Lescarts. 1,618,987; Mar. 1.
Generating steam, Apparatus for. H. L. Doherty. 1,619,244; Mar. 1.
Girder, Circular. F. Hornby. 1,619,298; Mar. 1.
Glass feeders, Regulation of. G. E. Howard. 1,619,729; Mar. 1.
Glass, Guiding device for molten. V. Mulholland. 1,619,432; Mar. 1.
Gold washer. T. F. X. Beaudet. 1,619,558; Mar. 1.
Golf club. R. L. Crankshaw. 1,619,566; Mar. 1.
Grain conditioner. J. L. Guinan. 1,619,417; Mar. 1.
Grease, Making. J. McKee. 1,619,352; Mar. 1.
Greenhouse bench. C. W. Roberts. 1,618,999; Mar. 1.
Grinder head, Meat-. J. S. Perrault and J. T. Marquis. 1,619,632; Mar. 1.
Grinding machine. M. M. Kaufmann, J. P. Lynn, and F. C. Dell. 1,619,736; Mar. 1.
Grinding machine, Thread-chaser-. E. A. Moyer. 1,619,361; Mar. 1.
Gun, Concrete. R. C. Hackley. 1,619,297; Mar. 1.
Gun carriages, Cradle lock for. H. C. Zimmerman. 1,619,173; Mar. 1.
Guns, Loader for. T. A. Conlon. 1,619,193; Mar. 1.
Guns, Mount for machine. W. T. Gorton. 1,619,113; Mar. 1.
Hair curler. K. McClaire. 1,619,743; Mar. 1.
Hair-waving appliance, Permanent-. J. Mayer. 1,619,794; Mar. 1.
Handle assembly. T. P. Archer. 1,619,097; Mar. 1.
Hanger: *See*—
Garment hanger. Pipe hanger.
Hatband, Telescopic. A. Walsh. 1,619,007; Mar. 1.
Headlight. W. B. Johnson. 1,619,617; Mar. 1.
Headlights, Antiglare attachment for. H. L. Gordon. 1,619,720; Mar. 1.
Headlights, Dirigible. J. H. Gillies. 1,619,068; Mar. 1.
Heat engine. R. W. Davenport. 1,619,195; Mar. 1.
Heat engine. R. W. Davenport. 1,619,197; Mar. 1.
Heat-exchanging apparatus. W. and S. Yates. 1,619,776; Mar. 1.
Heat transfer at high temperatures, Apparatus for. C. Field. 1,619,661; Mar. 1.
Heat, Transforming. R. W. Davenport. 1,619,196; Mar. 1.
Heater: *See*—
Automobile heater. Oil-burning air heater.
Floor heater. Roll heater.
Heater. M. L. Packer. Des. 72,108; Mar. 1.
Heater. L. J. Lévesque and J. Lessard. 1,619,425; Mar. 1.
Heater control, Multiple. H. A. Hands. 1,619,510; Mar. 1.
Heating and cooling at high temperatures. C. Field. 1,619,662; Mar. 1.
Heating and for controlling reactions at high temperatures, Apparatus for. C. Field. 1,619,663; Mar. 1.
Heating and humidifying device. G. E. Ryan. 1,619,092; Mar. 1.
Heating method, High-temperature. C. Field. 1,619,660; Mar. 1.
Heels for shoes, Machine for forming. C. I. Pollard. 1,619,154; Mar. 1.
Hinge, Concealed. M. Fox. 1,619,502; Mar. 1.
Hinge, Friction. T. P. Enright. 1,619,107; Mar. 1.
Hook: *See*—
Bracelet hook. Fishing hook.
Chain hook.

Hose-clamping tool. J. P. P. Riordan and W. Murray. 1,619,766; Mar. 1.
Hose connection. W. T. Skillern. 1,619,439; Mar. 1.
Hose-repair clamp. T. E. Charter. 1,619,287; Mar. 1.
Hosiery, Full-fashioned. H. Evans and H. E. Hellbronner. 1,619,199; Mar. 1.
Hydrocarbon mixtures, Apparatus for vaporizing. G. Wirrer. 1,619,050; Mar. 1.
Ice-scoring machine. C. Jobat. 1,619,128; Mar. 1.
Identification device for vehicles. H. C. Ross and H. W. Falconer. 1,619,271; Mar. 1.
Illuminating device. K. Edison. 1,619,198; Mar. 1.
Index. C. T. Raschick. 1,619,089; Mar. 1.
Index element. J. H. Rand. 1,619,760; Mar. 1.
Indicator: *See*—
Direction indicator. Pendulum inclination indicator.
Liquid-level indicator.
Oil indicator.
Inner tubes, Manufacture of. H. H. Hastings. 1,619,119; Mar. 1.
Insectifuge. S. L. Hoover. 1,619,258; Mar. 1.
Inspection and weighing apparatus. G. S. Jaxon. 1,619,732; Mar. 1.
Internal-combustion engine. W. H. Henderson. 1,619,071; Mar. 1.
Internal-combustion rotary motor. G. E. Bragg. 1,619,237; Mar. 1.
Iron: *See*—
Carry iron.
Ironing board. D. W. Ferguson. 1,619,409; Mar. 1.
Ironing-board installment. L. E. Watts. 1,619,774; Mar. 1.
Ironing-press burnguard. J. C. Ledbetter. 1,618,986; Mar. 1.
Jack: *See*—
Lifting jack.
Joint: *See*—
Artificial knee joint. Rail joint.
Pipe joint.
Joint for rotary drill pipes, Cushion. A. C. Hopkins. 1,619,728; Mar. 1.
Kettle. C. Paget. 1,618,992; Mar. 1.
Key holder. E. M. Long. 1,619,582; Mar. 1.
Knife, Farrier's. V. Kyfes. 1,619,619; Mar. 1.
Lamp. J. F. Nenzel. 1,619,213; Mar. 1.
Lamp base. W. Block. Des. 72,081–2; Mar. 1.
Lamp bracket. W. Block. Des. 72,080; Mar. 1.
Lamp shade. I. Dembits. 1,618,978; Mar. 1.
Lamp stand. O. Siebenbrodt. 1,619,639; Mar. 1.
Lamp wrapper. W. H. Fairchild. 1,619,608; Mar. 1.
Lap link. E. Kelly. 1,619,519; Mar. 1.
Latch. E. C. Osbeck. 1,619,752; Mar. 1.
Latch. C. Vogt. 1,619,789; Mar. 1.
Latch, Door. S. W. Parsons. 1,619,032; Mar. 1.
Lath-expanding machine, Continuous. L. E. Curtis. 1,619,499; Mar. 1.
Lathe, Multiple-carriage. J. C. White. 1,619,281; Mar. 1.
Lathes and the like, Auxiliary tool holder for. J. E. Perrault. 1,618,993; Mar. 1.
Laundry marking-tag-attachment machine. A. L. Faust. 1,619,251; Mar. 1.
Leather-measuring machine. R. J. McFall. 1,619,143; Mar. 1.
Legging. C. R. Holcomb. 1,619,472; Mar. 1.
Lens, Ophthalmic. L. L. Gagnon. 1,619,341; Mar. 1.
Lid support. E. Haines. 1,619,573; Mar. 1.
Lifter: *See*—
Valve lifter.
Lifting jack. L. D. Nilson. 1,619,304; Mar. 1.
Lighting fixture. A. Dvorak. 1,619,061; Mar. 1.
Lighting fixture backplate. H. Aglow. Des. 72,078; Mar. 1.
Lighting-fixture bracket. H. Bohl. Des. 72,084; Mar. 1.
Lighting-fixture bracket or article of similar nature. T. J. Petersen. Des. 72,110; Mar. 1.
Lighting fixtures, Spindle for. W. Block. Des. 72,079; Mar. 1.
Lingerie clasp. R. B. Denman. 1,619,242; Mar. 1.
Linoleum disintegrator, Sheet-. J. Tamberlin. 1,619,276; Mar. 1.
Liquid-control system. L. W. Beebe. 1,619,234; Mar. 1.
Liquid-fuel saving and safety device. J. Scheminger, jr. 1,619,167; Mar. 1.
Liquid-level indicator. F. E. Wellman. 1,619,553; Mar. 1.
Liquids with decolorizing, purifying, and filtering agents and for separating undissolved substances from liquids, Apparatus for treating. J. N. A. Sauer. 1,619,042; Mar. 1.
Lithopone and increasing the resistance thereof to sunlight. H. G. Schanche. 1,619,376; Mar. 1.
Loading device. W. J. Bohn. 1,619,015; Mar. 1.
Loading device. E. F. L. Fritz. 1,619,610; Mar. 1.
Loading machine. J. F. Joy. 1,619,260; Mar. 1.
Lock: *See*—
Tumbler lock.
Lock bolt. M. Pelkey. 1,619,757; Mar. 1.
Locking mechanism, Door-. F. G. Chapin. 1,619,596; Mar. 1.
Locomotive. W. S. Gray. 1,619,572; Mar. 1.
Locomotive, Internal-combustion-engine. A. E. L. Chorlton. 1,619,704–5; Mar. 1.
Locomotives, Reversing gearing for internal-combustion-engine. A. E. L. Chorlton. 1,619,702; Mar. 1.
Log-barking apparatus. J. Moravec. 1,619,151; Mar. 1.
Loom dobby. H. Bardsley. 1,619,394; Mar. 1.
Looms, Knife grinder for. G. P. Findlay and W. W. Johnston. 1,619,410; Mar. 1.
Loud-speaking sound reproducer. G. R. Lum. Des. 72,103; Mar. 1.
Low-water alarm. H. B. Thurston. 1,619,222; Mar. 1.
Lubricant. H. L. Johnson. 1,619,074; Mar. 1.
Lubricant-receiving nipple. O. Zerk. 1,619,454; Mar. 1.
Lubricating device. W. F. Hundemer. 1,619,126; Mar. 1.
Lubricating nipple. O. U. Zerk. 1,619,455; Mar. 1.
Lubricator. M. L. Adams. 1,619,779; Mar. 1.
Manifold sheet. O. Loewenbach. 1,619,522; Mar. 1.
Manufacturing, hardening, storing, and dispensing plant for ice cream and other frozen food products. R. W. Gearhart. 1,619,717; Mar. 1.
Markers for rubber articles, Method of and apparatus for making and applying. F. J. MacDonald. 1,619,354; Mar. 1.
Marking articles, Process and apparatus for. J. Roche. 1,619,487; Mar. 1.
Masonry joining tool. N. P. O'Neal. 1,619,030; Mar. 1.
Maximum-demand meter. F. C. Holtz. 1,619,473; Mar. 1.
Meat-slicing machines and the like, Grinding apparatus for. V. H. M. Brunskog and J. A. Nordin. 1,619,056; Mar. 1.
Metal float. C. C. Manchester. Re16,564; Mar. 1.
Metal-lath corner strip. W. E. Campbell. 1,619,401; Mar. 1.
Metal-sheathed sheets, Machine for cutting. C. B. Norris. 1,619,305; Mar. 1.
Meter: *See*—
Electric meter. Maximum-demand meter.
Flow meter.
Method and apparatus for electrically cutting. O. H. L. Neiss. 1,619,627; Mar. 1.
Mill: *See*—
Roller mill.
Milling machine. J. J. Coffey. 1,619,057; Mar. 1.
Milling-machine collet and end mill. J. M. Redinger. 1,618,998; Mar. 1.
Mincing machine. G. J. Metters and K. W. Nolan. 1,618,990; Mar. 1.
Mirror or similar article, Back of a. W. M. Langsdorf. Des. 72,100; Mar. 1.
Mixer: *See*—
Color mixer.
Mixers, Discharge mechanism for. J. H. Mosel. 1,619,626; Mar. 1.
Mixing and straining machine. S. B. Lindley. 1,618,988; Mar. 1.
Mold: *See*—
Bead mold.
Molded articles, Making. C. F. Peterson. 1,619,758; Mar. 1.
Molded compositions, Making. L. E. Barringer and C. F. Peterson. 1,619,692; Mar. 1.
Molding machines, Charging apparatus for. R. J. Leary. 1,619,301; Mar. 1.
Money tray for bankers and the like. A. Mortimer. 1,619,528; Mar. 1.
Mop. A. Maszcryk. 1,619,624; Mar. 1.
Mop. P. M. Roche. 1,619,040; Mar. 1.
Mop for baseboards. D. M. Allen. 1,619,824; Mar. 1.
Mopping and scrubbing machine. A. L. Prince. 1,619,318; Mar. 1.
Mortising and boring machine. C. G. Wilderson. 1,619,049; Mar. 1.
Motor: *See*—
Internal-combustion rotary motor.
Motor-control system. E. I. Staples. 1,619,380; Mar. 1.
Motors, System of speed control for induction. J. I. Hall. 1,619,673; Mar. 1.
Mounting, Universal. B. F. Kelly, R. F. Miller, and L. G. Winkler. 1,618,985; Mar. 1.
Moving bodies, Angle-indicating device for. J. H. Hammond, jr. 1,619,205; Mar. 1.
Moving webs, Delivering. M. Castricum. 1,619,192; Mar. 1.
Mowers and the like, Repair guard for. S. W. Gregersen. 1,619,721; Mar. 1.
Mowing means, Hay-. P. G. Light. 1,619,620; Mar. 1.
Muffler. E. P. Gray. 1,619,115; Mar. 1.
Music-teaching device. A. J. Stinson. 1,619,683; Mar. 1.
Musical instruments, Fastening connecter for strings of. A. Burdwise. 1,619,563; Mar. 1.
Necktie fastener. S. Goldstein. 1,619,667; Mar. 1.
Needle, Sewing. H. I. Lippard. 1,619,142; Mar. 1.
Neutral brake. H. H. Waters. 1,619,449; Mar. 1.
Oil burner. H. A. Lacerda. 1,619,788; Mar. 1.
Oil-burning air heater, Sheet-metal. W. B. Croan. 1,619,567; Mar. 1.
Oil-burning mechanism. F. Hardinge. 1,619,470; Mar. 1.
Oil-can holder. C. W. Beck. 1,619,099; Mar. 1.
Oil-feed construction. F. R. Wood. 1,619,229; Mar. 1.
Oil indicator. J. C. Nangano. 1,619,531; Mar. 1.
Oil-shale apparatus. H. E. Marsh and C. J. Dunten. 1,619,525; Mar. 1.
Oil-storage tank. J. T. Kavanaugh. 1,618,984; Mar. 1.
Oils, Producing lubricating. G. A. Kramer. 1,619,348; Mar. 1.
Oils, Refining. F. J. Resines. 1,619,486; Mar. 1.
Orchards, System of frost prevention for. J. Shaw. 1,619,378; Mar. 1.
Oven, Vertical-chamber. C. Otto. 1,619,535; Mar. 1.
Ovens, Thermostatic control for. F. A. Gauger. 1,619,505; Mar. 1.

Overinflation-preventing apparatus. C. G. Tiefel. 1,619,383; Mar. 1.
Oxychloride cement and making same. H. M. Olson. 1,619,534; Mar. 1.
Packing, Pump. J. D. Maxwell. 1,619,211; Mar. 1.
Pallet. R. V. Proctor and H. M. Schaab. 1,619,759; Mar. 1.
Pan: *See*—
Fire pan.
Paper and coating paper, Coated. W. W. McLaurin. 1,619,027; Mar. 1.
Paper and making same, Gummed strip. W. W. McLaurin. 1,619,081; Mar. 1.
Paper-making machine. C. W. Valentine. 1,619,168; Mar. 1.
Paper-making machines, Stock regulator for. W. J. Sheridan. 1,619,682; Mar. 1.
Paper-pulp machines, Cylinder for. N. H. Bergstrom. 1,619,052; Mar. 1.
Paper tubes or the like, Apparatus for feeding folded. E. Engstrom. 1,619,711; Mar. 1.
Pen, Fountain. M. Alland. 1,619,323; Mar. 1.
Pencil, Lead. C. O. Gronberg. 1,619,508; Mar. 1.
Pendulum indication indicator. H. J. Smith. 1,619,317; Mar. 1.
Phonograph. N. Magnifico. 1,619,623; Mar. 1.
Phonographs and the like, Telephone attachment for. H. R. Van Deventer. 1,619,384; Mar. 1.
Phonographs, Tone arm for. M. M. Gruber. 1,619,467; Mar. 1.
Phonographic apparatus to identify hold-up men. J. Gagl. 1,619,715; Mar. 1.
Piano device, Continuously-sounding. J. B. and S. Grinoch. 1,619,722; Mar. 1.
Picker: *See*—
Fruit picker.
Picture machines, Framing mechanism for motion-. T. F. Uhlemann. 1,619,551; Mar. 1.
Picture-projecting machine, Motion-. J. Fait. 1,619,606; Mar. 1.
Pile. E. Bignell. 1,619,053; Mar. 1.
Pipe: *See*—
Smoker's pipe.
Pipe hanger. C. H. Voellmecke. 1,619,591; Mar. 1.
Pipe joint, Flexible. E. A. Russell. 1,619,218; Mar. 1.
Pipe wrench. C. F. Dow. 1,619,604; Mar. 1.
Piston-cooling device. O. E. Jorgensen. 1,619,618; Mar. 1.
Piston rings, Apparatus for electrically forming spiral. H. S. Graves. 1,619,296; Mar. 1.
Piston rings for finishing, Assembling. M. F. Cornego. 1,619,240; Mar. 1.
Pistons, Mold for casting. C. H. Kirby. 1,619,135; Mar. 1.
Planer, Frog and switch. N. Marcalus. 1,619,355; Mar. 1.
Planing machines, Sectional chip breaker for. C. G. Wilderson. 1,619,008; Mar. 1.
Planing machines, Sectional feed roll for. C. G. Wilderson. 1,619,009; Mar. 1.
Planters or the like, Stub-shoe attachment for runners of corn. F. D. Haberman. 1,619,670; Mar. 1.
Plastic composition structural parts and means for uniting the same, Precast. L. C. Krummel. 1,619,737; Mar. 1.
Plastic stock, Method and apparatus for preparing. C. W. Leguillon. 1,619,079; Mar. 1.
Plate or analogous article. H. E. Nock. Des. 72,107; Mar. 1.
Platform, Weight-scale. E. Buechler. 1,619,594; Mar. 1.
Playing ball. G. L. Pierce and H. V. Rau. 1,618,994; Mar. 1.
Pliers. G. W. Briggs. 1,619,400; Mar. 1.
Plug, Flashing. N. Abramson. 1,619,778; Mar. 1.
Plug, Inspection. G. H. Sargent. 1,619,273; Mar. 1.
Pneumatic elevating device, Portable. W. B. Thiemann. 1,619,277; Mar. 1.
Pocket, Safety. M. R. Layman. 1,619,140; Mar. 1.
Pocketbooks, etc., Safety attachment for. C. Wetzel. 1,619,644; Mar. 1.
Poke-hole cover. M. C. Biest. 1,619,055; Mar. 1.
Polishing wheel. J. Steiner. 1,619,442; Mar. 1.
Polyphase relay. J. C. McDonald. 1,619,080; Mar. 1.
Potato-laying machine. C. Ruetz. 1,619,488; Mar. 1.
Powder-distributing device, Agricultural. R. R. Root. 1,619,316; Mar. 1.
Power-transmission mechanism. A. E. L. Chorlton. 1,619,703; Mar. 1.
Practicing riding sport, Appliance for. W. Schoenke. 1,619,438; Mar. 1.
Presses, Sheet-delivery mechanism for. F. S. English. 1,619,106; Mar. 1.
Pressure-operated regulator, Fluid-. T. Lindsay. 1,619,351; Mar. 1.
Pressure still. A. J. Sloan. 1,619,440; Mar. 1.
Pressure switch. C. P. Eisenhauer. 1,619,465; Mar. 1.
Printing-plate holder and clamp. W. F. Brügmann. 1,619,650; Mar. 1.
Printing presses, Adjustable roller track for Gordon. R. J. Frackelton and F. C. Sixt. 1,619,018; Mar. 1.
Printing presses, Web-tension equipment for. A. J. Cline and J. A. Hollander. 1,618,975; Mar. 1.
Propeller, Wood-veneer. N. S. Clay. 1,618,968; Mar. 1.
Pump. A. W. Burks. 1,619,285–6; Mar. 1.
Pump. J. Mills. 1,619,149; Mar. 1.
Pump. H. S. Tooker. 1,619,320; Mar. 1.
Pump, Blade. A. Maillefer. 1,619,429; Mar. 1.
Pump, Circulating. E. M. Pfauser. 1,619,539; Mar. 1.
Pump, Coin-operated gasoline. G. C. Davison. 1,619,657; Mar. 1.
Pump controller. P. A. Bancel and J. F. Kirgan. 1,619,098; Mar. 1.
Pump, Measuring and dispensing. C. Spaeth. 1,619,492; Mar. 1.
Pump or compressor, Scavenging air. O. E. Jorgensen. 1,619,131; Mar. 1.
Pump, Propeller. S. W. Holman. 1,619,514; Mar. 1.
Pump-rod-rotating device. J. H. Collins. 1,619,700; Mar. 1.
Pump, Vacuum. E. C. Oakes. 1,619,364; Mar. 1.
Pumping apparatus. A. R. Le Grue. 1,619,302; Mar. 1.
Pumping system. W. E. Hubbard. 1,619,474–5; Mar. 1.
Punching controlling bands, Feeling mechanism for machines for. O. Wolters and K. Höper. 1,619,645; Mar. 1.
Quick-action clamp. E. H. McMillan. 1,619,144; Mar. 1.
Rack: *See*—
Display rack. Steel stock rack.
Rack. C. H. Jarvis. 1,619,259; Mar. 1.
Radial drill. J. C. Carlton. 1,619,190; Mar. 1.
Radiator. W. M. Dann. 1,619,333; Mar. 1.
Radiator core. J. M. Fedders. 1,618,980; Mar. 1.
Radiator cover or similar article. J. Meikle. Des. 72,105; Mar. 1.
Radiator filler. W. F. Cooms and J. M. Beck. 1,619,498; Mar. 1.
Radiator ornament, Automobile. F. H. Eldred and C. Hutchings. Des. 72,090; Mar. 1.
Radiator-shutter mechanism. R. M. Lovejoy. 1,619,621; Mar. 1.
Radiator, Transformer. W. M. Dann. 1,619,332; Mar. 1.
Radiator, Transformer. W. M. Dann. 1,619,334; Mar. 1.
Radio apparatus. E. H. Evers. 1,619,407; Mar. 1.
Radio apparatus. A. F. Sanford. 1,619,544–5; Mar. 1.
Radiocabinet. J. Wolff. Des. 72,122–4; Mar. 1.
Radio loud speaker. J. M. Hofmann. Des. 72,095; Mar. 1.
Radio sets, Frictional-unit control for multidial. W. T. Herrick. 1,619,419; Mar. 1.
Rail. W. G. Coughlin. 1,619,403; Mar. 1.
Rail joint. G. Gál. 1,619,716; Mar. 1.
Rail joint. W. D. Huff. 1,619,792; Mar. 1.
Rail-joint spring. R. L. Cairncross. 1,619,595; Mar. 1.
Rail track, Shock-insulated. A. F. Masury and E. C. Fink. 1,619,028; Mar. 1.
Railway-crossing guard. W. H. Golding. 1,619,070; Mar. 1.
Railway-motor mounting. C. Bethel. 1,619,397; Mar. 1.
Railway-traffic-controlling apparatus. H. A. Thompson. 1,619,221; Mar. 1.
Ram. M. W. Faherty. 1,619,605; Mar. 1.
Receptacle, Dispensing. R. R. Ricketts. 1,619,315; Mar. 1.
Receptacle opener and fluid conductor, Combined. H. T. Dietrick. 1,619,708; Mar. 1.
Receptacle, Safety delivery. C. E. Hoffman. 1,619,257; Mar. 1.
Receptacle-shaking machine. J. A. Meeker and E. J. Roach. 1,619,526; Mar. 1.
Receptacles, Lock-up cover for. E. Gemeinder. 1,619,506; Mar. 1.
Recording instruments, Pen lifter for. A. B. Cunningham. 1,619,241; Mar. 1.
Recuperator. W. A. Morton. 1,619,747; Mar. 1.
Reduction of finely-divided material, Apparatus for and process of. W. Gardner. 1,619,295; Mar. 1.
Reel: *See*—
Fishing reel.
Refrigeration, Mechanical. C. C. Spreen. 1,619,548; Mar. 1.
Refrigeration system, Automatic. G. Hilger. 1,619,072; Mar. 1.
Refrigerator, Ice-saving. L. Lowy. 1,619,741; Mar. 1.
Register: *See*—
Cash register.
Regulator: *See*—
Fluid-pressure-operated regulator
Repair chamber, Portable. C. E. Ward. 1,619,642; Mar. 1.
Respiration and pulse recorder. S. M. Strong. 1,619,005; Mar. 1.
Retarding device. A. A. Horton. 1,619,574; Mar. 1.
Rheostat. H. E. Adams. 1,618,967; Mar. 1.
Rim and attaching same, Auxiliary. A. P. Armington. 1,619,175; Mar. 1.
Ring: *See*—
Crown ring.
Road-building machine. F. M. Hargrave. 1,619,614; Mar. 1.
Roads, Finishing machine for concrete. G. Maxon, jr. 1,619,083; Mar. 1.
Roll heater. H. E. McCrery A. E. Jesser, and A. B. Montgomery. 1,619,303; Mar. 1.
Roller: *See*—
Rope-guide roller.
Roller mill. E. F.-G. Law. 1,619,739; Mar. 1.
Rolling device for beading operation. D. Ferguson. 1,619,064; Mar. 1.
Roofing element. H. A. Cumfer. 1,619,598; Mar. 1.
Roofing element. H. A. Cumfer. 1,619,600; Mar. 1.
Rope-guide roller. R. B. Fox. 1,619,413; Mar. 1.

Rotary motion into combined reciprocating and oscillating motion, and vice versa, Mechanism for converting. E. W. Bowen. 1,619,696; Mar. 1.
Rubber-covered roll. B. W. Rogers and W. L. Glass. 1,619,371; Mar. 1.
Rubber or the like and making same, Variegated articles of. T. J. Mell. 1,619,359; Mar. 1.
Rug or similar article. H. S. Humphreys. Des. 72,097–8; Mar 1.
Packing rugs, etc. M. Bassan. 1,618,972; Mar. 1.
Safes, Constructing. S. F. Laucks and W. B. Wilkinson. 1,619,139; Jan. 29.
Safes, Locking device for. C. F. Mellink. 1,619,676; Mar. 1.
Safety-tread unit. E. Van Der Pyl. 1,619,773; Mar. 1
Sash. D. Patasnik. 1,619,631; Mar. 1.
Sash-operating mechanism. U. E. Tuomi. 1,619,167; Mar. 1.
Saw, Circular. F. W. Adolf. 1,619,780; Mar. 1.
Scale, Computing. H. O. Hem. 1,619,121; Mar. 1.
Scale, Integrating. H. O. Hem. 1,619,123; Mar. 1.
Scale, Weighing. E. G. Thomas. 1,619,165; Mar. 1.
Scissors sharpener. E. M. Long. 1,619,581; Mar. 1.
Screws, Screw-driver mechanism for insulator. A. T. Scheiwer. 1,619,043; Mar. 1.
Seam. C. C. Blake. 1,619,497; Mar. 1.
Seam for sewed articles. C. F. Rubel and F. Kucera. 1,619,437; Mar. 1.
Seed dispenser. O. Wodke. 1,619,687; Mar. 1.
Sectional heating boiler. J. B. Bernhard. 1,619,235; Mar. 1.
Separator: *See*—
Centrifugal separator.
Sewing machine for cording. C. F. Rubel and F. Kucera. 1,619,436; Mar. 1.
Shade or awning raising device. H. H. Rollins. 1,619,635; Mar. 1.
Shank stiffener with a shoe sole, Incorporating a. R. E. Bartels. 1,619,648; Mar. 1.
Shearing of metal plates or sheets, Machinery employed in the. H. S. Thomas and W. R. Davies. 1,619,684; Mar. 1.
Sheet material, Press for cutting or punching. J. R. Oliver. 1,619,482; Mar. 1.
Shelf. S. Offenbach. 1,619,307; Mar. 1.
Shingle element. H. A. Cumfer. 1,619,599; Mar. 1.
Shingle strip. H. A. Cumfer. 1,619,601; Mar. 1.
Shipping member. C. A. Agar. 1,619,011; Mar. 1.
Shock absorber. A. Rafter. 1,619,035; Mar. 1.
Shock absorber, Automobile. A. Jenschke. 1,619,422; Mar. 1.
Shock-absorbing wheel. I. M. Laddon. 1,619,078; Mar. 1.
Shoe, Bathing. E. S. Ward. Re16,506; Mar. 1.
Shoe heel. A. Bono. 1,619,458; Mar. 1.
Shoe tempering machine. D. B. Heath. 1,619,724; Mar. 1.
Shooting device, Self-defense. M. Hofmann. 1,618,976. Mar. 1.
Shovel: *See*—
Ash-sifting shovel.
Siftproof bag. T. M. Avery. 1,619,177; Mar. 1.
Sign. W. A. Burns. 1,619,189; Mar. 1.
Signal: *See*—
Traffic signal. Vehicle signal.
Signaling installation, Sound-. J. P. Northey. 1,619,585; Mar. 1.
Signaling system, Carrier-current. H. Nyquist. 1,619,085; Mar. 1.
Silk, Apparatus for use in the manufacture of artificial. F. W. Schubert. 1,619,769; Mar. 1.
Silk, Manufacture of artificial. F. W. Schubert. 1,619,768; Mar. 1.
Slicer, Potato. F. H. Miller. 1,619,746; Mar. 1.
Slicing machine, Vegetable and soap. E. Anderson and R. W. Adams. 1,619,557; Mar. 1.
Slimes by flotation, Concentration of. G. A. Bragg. 1,619,790; Mar. 1.
Slipper, Toe. A. Gabriel. 1,619,665; Mar. 1.
Smoker's pipe. J. A. Reiser. 1,619,090; Mar. 1.
Smoker's stand. H. F. La Rue and W. Zierlein. Des. 72,101; Mar. 1.
Smoking utensil. L. R. Waugh. 1,619,387; Mar. 1.
Snowplow. I. Reckard. 1,619,314; Mar. 1.
Soap container. A. J. Eggan. 1,619,105; Mar. 1.
Socket wrench. H. F. Haynes. 1,619,255; Mar. 1.
Soldering machine, Armature-commutator-lead-. R. J. Emmert. 1,619,406; Mar. 1.
Sound-producing device. A. L. Grubman. 1,619,203; Mar. 1.
Sound-producing device. L. J. Grubman. 1,619,204; Mar. 1.
Spare-tire lock. K. Scherer. 1,619,044; Mar. 1.
Spark plug. P. Challis. 1,619,653; Mar. 1.
Spark-plug protector, Combustion-engine. A. Manchester. 1,619,524; Mar. 1.
Spear. C. Hart. 1,619,254; Mar. 1.
Spring: *See*—
Rail-joint spring.
Spring-eye bender. J. O. Parrish. 1,619,537; Mar. 1.
Spring suspension device. D. B. Whitehill. 1,619,452; Mar. 1.
Stacking device or standard. I. N. Spencer. 1,619,641; Mar. 1.
Stand: *See*—
Lamp stand.
Station, Automatic. C. A. Butcher. 1,619,459; Mar. 1.
Statuette. H. L. Kratz. Des. 72,099; Mar. 1.
Steam boiler. P. Thomsen. 1,619,447; Mar. 1.
Steam generator for portable plants. W. Hojer. 1,619,671; Mar. 1.
Steam shovels, Frame for. A. E. Rudy. 1,619,156; Mar. 1.
Steel, Heat treatment of. E. F. Kenney. 1,619,025; Mar. 1.
Steel, Production of thin. P. H. Brace. 1,619,399; Mar. 1.
Steel stock rack. H. S. Jones. 1,619,476; Mar. 1.
Stenciling apparatus. W. H. Schoger. 1,619,587; Mar. 1.
Stoker. D. J. Mosshart. 1,619,480; Mar. 1.
Stove. W. E. Toler. 1,619,166; Mar. 1.
Stove construction. C. M. Dibble. 1,619,243; Mar. 1.
Stoves, Safety lighter for gas. W. F. Dester. 1,618,979; Mar. 1.
Stocking and method of making same, Seamless knit, clocked. C. H. Taubel. 1,619,788; Mar. 1.
Stool, Camp. W. Witkowski. 1,619,686; Mar. 1.
Strainer for sugar juices and the like. S. S. Peck. 1,619,484; Mar. 1.
Strainers, Installing well. J. P. Lawlor and J. I. Seay. 1,619,521; Mar. 1.
Strap: *See*—
Doorcheck strap.
Strap for personal wear. G. Kolistedc. 1,619,138; Mar. 1.
Strap slide, Breast-. J. M. Walsh. 1,619,225; Mar. 1.
Strip material, Apparatus for vulcanizing. J. R. Gammeter. 1,619,020; Mar. 1.
Strip material, Method and apparatus for producing elastic. J. R. Gammeter. 1,619,342; Mar. 1.
Stubble burner. C. C. Howell. 1,619,516; Mar. 1.
Stud. M. F. Carr. Re16,561; Mar. 1.
Sulphur composition of diminished inflammability and producing same. C. Marx. 1,619,357; Mar. 1.
Suspension frame, Greenhouse plant. O. G. Fritch and J. E. Fritch. 1,619,791; Mar. 1.
Swab or dauber, Capped. P. Codina. 1,618,977; Mar. 1.
Switch: *See*—
Electric-lighting switch. Time switch.
Pressure switch.
Switch. J. T. Miller and M. Hanley. 1,619,148; Mar. 1.
Table: *See*—
Folding table.
Tackle. P. W. Sieurin. 1,619,000; Mar. 1.
Tank: *See*—
Oil-storage tank.
Tanks, Discharge device for. M. C. Biest. 1,619,054; Mar. 1.
Tanks, Low-level alarm for gasoline. A. Fredericks. 1,619,339; Mar. 1.
Teapot or coffeepot. S. Forman. 1,619,065; Mar. 1.
Telegraph cables, Duplex arrangement for. H. W. G. Salinger. 1,619,041; Mar. 1.
Telephone apparatus, Automatic. T. B. Wilson. 1,619,554; Mar. 1.
Telephone-exchange system. B. G. Dunham. 1,619,250; Mar. 1.
Telephone high-frequency trunk, Automatic. S. B. Williams, jr., and L. M. Clement. 1,619,228; Mar. 1.
Telephone repeater station. G. Crisson. 1,619,058; Mar. 1.
Telephonic receiver. E. A. Graham. 1,619,114; Mar. 1.
Tension differential, Measure of. O. Smith. 1,619,491; Mar. 1.
Tension-testing device, Rope-. C. C. Sunderland. 1,619,093; Mar. 1.
Tent structure. T. J. Long and J. L. Tuttle. 1,619,740; Mar. 1.
Terminal connecter. B. F. Oldmixon. 1,619,086; Mar. 1.
Testing device. H. O. Hem. 1,619,122; Mar. 1.
Testing device. E. G. Thomas. 1,619,164; Mar. 1.
Testing instrument. W. Brond. 1,619,699; Mar. 1.
Thermometer. W. H. Fitts. 1,619,109; Mar. 1.
Thermostatic control. H. J. Sauvage. 1,619,636; Mar. 1.
Throttle control. Foot. W. H. Thomas. 1,619,319; Mar. 1.
Tie: *See*—
Cow-tail tie.
Tie rod or the like. F. C. Crawford and M. P. Graham. 1,619,291; Mar. 1.
Tile and making same, Terrazzo. G. N. Jeppson and C. L. Leafe. 1,619,734; Mar. 1.
Tile machines, Mold plate for roofing-. V. W. Schwarz. 1,619,490; Mar. 1.
Tile-making machine. J. N. and V. W. Schwarz. 1,619,489; Mar. 1.
Tiles, Tool for marking. W. Rieser. 1,619,091; Mar. 1.
Time switch, Automatic electric. D. Zorgo. 1,619,777; Mar. 1.
Tire. L. E. Sexton. Des. 72,115–16; Mar. 1.
Tire-building apparatus. M. C. Scrote. 1,619,377; Mar. 1.
Tire-building method and apparatus. J. R. Gammeter. 1,619,019; Mar. 1.
Tire casing and similar article. F. Leopold, jr. Des. 72,102; Mar. 1.
Tire chain. W. G. Chase. 1,619,783; Mar. 1.
Tire, Punctureproof pneumatic. M. L. Paulson. 1,619,433; Mar. 1.
Tire-repair tool. E. F. Pawsat. 1,619,538; Mar. 1.
Tire rims, Lock for. J. H. Radandt. 1,618,997; Mar. 1.
Tire tool. A. F. Lew. 1,619,426; Mar. 1.
Tires, Deflation alarm for pneumatic. B. D. Wells. 1,619,450; Mar. 1.

Tires, Traction device for vehicle. J. R. Vosburgh. 1,619,170; Mar. 1.
Tobacco, Machine for handling. E. Granstedt. 1,619,507; Mar. 1.
Tobacco stemming and booking machine. J. H. Dean. 1,619,461; Mar. 1.
Tomb marker and decoration container, Combined. P. Johnson. 1,619,735; Mar. 1.
Tool. W. Bartels. 1,619,395; Mar. 1.
Tool, Combination. J. Beretz. 1,619,181; Mar. 1.
Toothbrush, Novelty. S. A. Neederman. 1,619,212; Mar. 1.
Towers, Earth anchor for structural. E. E. Buechele and S. A. Martin. 1,619,651; Mar. 1.
Toy. C. H. Pajeau. 1,619,630; Mar. 1.
Toy building. H. Chase. 1,619,101; Mar. 1.
Toy, Clown and animal. E. Bocchino. Des. 72,083; Mar. 1.
Toy, Dancing. L. K. H. Thomsen. 1,619,446; Mar. 1.
Toy gun. D. M. Smith. 1,619,275; Mar. 1.
Toy, Mechanical. A. Bangerter. 1,619,179; Mar. 1.
Toy, Mechanical. S. I. Berger. 1,619,694; Mar. 1.
Toy, Mechanical automobile. D. Heyman. 1,619,726; Mar. 1.
Toy navigator. H. F. Gordon. 1,619,668; Mar. 1.
Toy pistol. H. Bregman. 1,619,184; Mar. 1.
Toy, Spinning. L. V. Aronson. 1,619,689; Mar. 1.
Toy stove. J. H. Hartman. 1,619,723; Mar. 1.
Track, Dog race. S. W. Mitchell, J. Maud, and C. F. Goldman. 1,619,150; Mar. 1.
Tracker bar. N. G. Baker. 1,619,690; Mar. 1.
Tractors, Loader attachment for. S. E. Anderson. 1,619,786; Mar. 1.
Traffic signal. D. G. Bond. 1,619,562; Mar. 1.
Train-control apparatus. T. E. Clark. 1,619,290; Mar. 1.
Train control, Intermittent inductive. C. S. Bushnell. 1,619,698; Mar. 1.
Train control, Intermittent inductive. C. F. Estwick. 1,619,712; Mar. 1.
Train control, Intermittent inductive. W. K. Howe. 1,619,730; Mar. 1.
Train-control system. T. E. and J. E. Clark. 1,619,289; Mar. 1.
Train-pipe coupling. C. Eichhorn. 1,619,464; Mar. 1.
Transformer for arc cutting, repairing, and welding apparatus. F. C. Owen. 1,619,629; Mar. 1.
Transmission. S. A. Jeffries. 1,619,127; Mar. 1.
Transmission, Hydraulic. W. Ferris. 1,619,200; Mar. 1.
Transmission mechanism. C. H. Kurtz. 1,619,477; Mar. 1.
Trap for catching crabs. C. H. A. Petersen. 1,619,366; Mar. 1.
Trap-nest attachment. M. J. Moore. 1,619,527; Mar. 1.
Tree. W. O. Roy. 1,619,272; Mar. 1.
Trelliswork, Sheet-metal. H. Junkers. 1,619,518; Mar. 1.
Tremolo. F. H. Niemann. 1,619,532; Mar. 1.
Trousers for athletes. H. K. Atwell. 1,619,176; Mar. 1.
Truck bolster. C. F. Huntoon. 1,619,575–6; Mar. 1.
Truck, Delivery. E. R. Whitney. 1,619,775; Mar. 1.
Truck side frame. G. A. Anderson. 1,619,688; Mar. 1.
Trunk. J. A. Bolz. 1,619,561; Mar. 1.
Tubbing. W. Brell. 1,618,973; Mar. 1.
Tube coupling. A. L. Parker. 1,619,755; Mar. 1.
Tumbler lock. H. F. George. 1,619,252; Mar. 1.
Turbine, Bleeder. J. F. Johnson. 1,619,129; Mar. 1.
Turbine, Wind. M. L. Webb. 1,619,643; Mar. 1.
Type-bar mechanism. A. N. Woodruff. 1,619,391; Mar. 1.
Typewriters, Silencing device for. R. G. Daniel. 1,619,602; Mar. 1.
Typewriting machine. F. H. Armstrong. 1,619,013; Mar. 1.
Typewriting machine. C. C. Balston. 1,619,691; Mar. 1.
Typewriting machine. A. G. Kupetz. 1,619,349; Mar. 1.
Typewriting machine. L. C. Myers. 1,619,530; Mar. 1.
Typewriting machine. E. G. Rowley. 1,619,375; Mar. 1.
Typewriting machine. H. C. Shepard. 1,619,546; Mar. 1.
Typewriting machine. J. Waldheim. 1,619,045; Mar. 1.
Typographical machines, Assembling elevator gate for. D. L. Anderson. 1,619,646; Mar. 1.
Typewriting machines, Ribbon-operating mechanism for. J. Alexander. 1,619,174; Mar. 1.
Umbrella. J. Reid. 1,619,217; Mar. 1.
Undergarment. B. Moscomitz. 1,618,991; Mar. 1.
Upholstering device. J. Paaske. 1,619,754; Mar. 1.
Upsetting mechanism. R. L. Wilcox. 1,619,494–5; Mar. 1.
Vacuum-creating instrument. F. V. Winters. 1,619,388–9; Mar. 1.
Valve. F. A. Perrenot. 1,619,033; Mar. 1.
Valve and float for drinking troughs and the like, Automatic. A. Mendizabal. 1,619,431; Mar. 1.
Valve, Automatic air and gas check. J. M. Fotch. 1,619,066; Mar. 1.
Valve, Automatic relief. A. F. Habenicht. 1,619,469; Mar. 1.
Valve construction. C. Muend. 1,619,748; Mar. 1.
Valve control. E. P. Gray. 1,619,117; Mar. 1.
Valve lifter. N. E. Gough. 1,619,669; Mar. 1.
Valve lifter. N. J. Strodel. 1,619,162; Mar. 1.
Valve, Radiator air. R. T. Warring and G. W. Stultz. 1,619,386; Mar. 1.
Valve, Safety stop. L. W. Jones. 1,619,130; Mar. 1.
Valve, Thermostatic gasoline. A. Grudzinski. 1,619,612; Mar. 1.
Valve, Vacuum pump. E. C. Oakes. 1,619,481; Mar. 1.
Vehicle body, Convertible. F. A. Best. 1,619,182; Mar. 1.
Vehicle control pedal, Motor-. H. E. Hull. 1,619,421; Mar. 1.
Vehicle, Dumping. A. W. Osborn. 1,619,628; Mar. 1.
Vehicle, Electrically-propelled. P. D. Ionides. 1,619,616; Mar. 1.
Vehicle, Motor. J. Ledwinka. 1,619,478; Mar. 1.
Vehicle parking system. M. Miller. 1,619,330; Mar. 1.
Vehicle signal. A. D. Pertin. 1,619,311; Mar. 1.
Vehicle top construction. M. M. Plumb. 1,619,153; Mar. 1.
Vehicle wheel. C. B. Fairweather. 1,619,607; Mar. 1.
Vehicles and the like, Window-glass guide for. C. T. Weymann. 1,619,047; Mar. 1.
Vehicles, Automatically-operated end gate for dump. H. D. Gabriel. 1,619,504; Mar. 1.
Vehicles, Chassis framing more particularly for motor. J. Fejés. 1,619,609; Mar. 1.
Vehicles, Combined radiator and hood for motor. A. F. Masury. Des. 72,104; Mar. 1.
Vehicles, Traffic signal for motor. R. C. Luplow. 1,619,523; Mar. 1.
Vending machine. W. F. Donathan. 1,619,245; Mar. 1.
Vending machine. W. F. Donathan. 1,619,248; Mar. 1.
Vending machine, Coin-controlled. W. F. Donathan. 1,619,246; Mar. 1.
Vending machine, Coin-controlled. R. Vaughan. 1,619,006; Mar. 1.
Vending machine for stacked articles, Selective. W. C. Cutler. 1,619,292; Mar. 1.
Vending machines, Fraud-preventing device for. D. L. Chandler. 1,619,655; Mar. 1.
Vending machines, Rotary selecting mechanism for. W. C. Cutler. 1,619,294; Mar. 1.
Vessel. E. H. Ewerts. 1,619,063; Mar. 1.
Vibrations by means of a continuous stream of fluid, Device for the production of mechanical. W. Hahnemann, Rudolph, and E. Wilckens. 1,618,982; Mar. 1.
Vulcanizer. A. A. Baffetti. 1,619,231; Mar. 1.
Wagon evener, Four-horse-. W. M. Crow. 1,619,059; Mar. 1.
Wagon, Tractor dump. A. C. Thomas. 1,619,094; Mar. 1.
Wagons, Adjustable bolster standard for. J. V. Cizek. 1,619,288; Mar. 1.
Wall construction. B. J. Klaasen. 1,619,300; Mar. 1.
Wall construction, Building hollow-. H. A. Duchemin. 1,619,570; Mar. 1.
Washer: *See*—
Gold washer.
Washer-feeding apparatus. W. D. Kmentt. 1,619,075; Mar. 1.
Washing machines, Agitator for. S. E. Schroeder. 1,619,637; Mar. 1.
Water from petrol, Trap device for separating. N. A. Frean. 1,619,713; Mar. 1.
Water heater and sterilizing apparatus, Combined. A. Martin. 1,619,146; Mar. 1.
Water-heater vent-pipe ceiling device. G. L. Wallace. 1,619,385; Mar. 1.
Water-level-controlling means. E. L. Martin. 1,619,356; Mar. 1.
Waterproof case. F. Archila. 1,619,782; Mar. 1.
Weather strip for inswinging casements. F. Reese. 1,619,037; Mar. 1.
Weftless cord fabric, Manufacture of. M. Castricum. 1,619,191; Mar. 1.
Weighing sheet material, Device for. E. G. Thomas. 1,619,163; Mar. 1.
Welded spring structure. H. A. Houston and V. J. Shepard. 1,619,346; Mar. 1.
Well drilling, Making production tests in. G. A. Macready. Re16,563; Mar. 1.
Wheel: *See*—
Caster wheel. Vehicle wheel.
Polishing wheel.
Wheel and crank. G. F. Honold. 1,619,024; Mar. 1.
Wheels, Power transmission for. H. R. Holmes. 1,619,672; Mar. 1.
Winding means. W. M. Stocker. 1,619,220; Mar. 1.
Window attachment. C. M. Heublein. 1,619,256; Mar. 1.
Window-controlling device. S. W. Nicholson. 1,619,633; Mar. 1.
Window-curtain protector. M. E. Wheeler. 1,619,280; Mar. 1.
Window fastener. J., jr., and P. Ostrosky. 1,619,031; Mar. 1.
Windshield cleaner. E. F. Pierce. 1,619,677; Mar. 1.
Wire-crimping tool. A. W. Miller. 1,619,084; Mar. 1.
Wire-line belt guide. H. W. Kerr. 1,619,793; Mar. 1.
Wood pulp, Process and apparatus for the production of. C. J. Sternkopf. 1,619,004; Mar. 1.
Woodworking machine, Combination. J. Schimmelpfennig. 1,619,158; Mar. 1.
Wool felt and making same, Ornamental. J. Robinson. 1,619,681; Mar. 1.
Work holder. H. S. Fullerton. 1,619,340; Mar. 1.
Wrapper-making machine. B. Heinrichs. 1,619,615; Mar. 1.
Wrench: *See*—
Pipe-wrench. Socket wrench.

CLASSIFICATION OF PATENTS

ISSUED MARCH 1, 1927.

NOTE.—First number=class, second number=subclass, third number=patent number.

1—	49.4: 1,619,137	30—	25: 1,619,249	58—	53: 1,619,674	84—	348: 1,619,532	113—	46: 1,619,069	140—	106: 1,619,084
2—	224: 1,618,991	32—	4: 1,619,647	59—	97: 1,619,582		415: 1,619,046		59: 1,619,406	141—	9: 1,619,236
	267: 1,619,176	33—	104: 1,619,427	60—	1: 1,619,671		472: 1,619,683		112: 1,618,996		12: 1,619,052
	251: 1,619,140		124: 1,619,143		52: 1,619,200	87—	3: 1,619,110	114—	66.5: 1,618,995	143—	47: 1,619,780
	278: 1,619,493		147: 1,619,370		67: 1,619,129		9: 1,619,074		79: 1,619,063	144—	78: 1,619,049
3—	2: 1,619,485		158: 1,619,392	61—	38: 1,619,331		1,619,352	115—	34: 1,619,762		208: 1,619,151
4—	8: 1,619,369		1,619,750		41: 1,618,973		12: 1,619,486	116—	34: 1,619,450		244: 1,619,008
5—	262: 1,619,187		174: 1,619,091		68: 1,619,642		23: 1,619,105		47: 1,619,311		250: 1,619,009
	327: 1,619,685		178: 1,619,771		80: 1,619,053	88—	14: 1,619,468		51: 1,619,562		297: 1,619,749
7—	16: 1,619,744		197: 1,619,695	62—	4: 1,619,072		17: 1,619,551		110: 1,619,339		304: 1,619,144
8—	19: 1,619,263		218: 1,619,317		48: 1,619,741		1,619,606		117: 1,619,531	145—	50: 1,619,043
9—	18: 1,619,675		222: 1,619,536		101: 1,619,717		27: 1,619,096		147: 1,619,585	146—	78: 1,619,746
	22: 1,619,000	34—	17: 1,619,759		115: 1,619,197		1,619,155	119—	49: 1,619,527		113: 1,619,557
	1,619,001		34: 1,619,765		116: 1,619,195		41: 1,619,659		105: 1,619,274		135: 1,619,756
10—	169: 1,619,077	35—	9: 1,619,160		1,619,548		43: 1,619,367	120—	18: 1,619,508		174: 1,618,988
12—	1: 1,619,724		12: 1,619,435		123: 1,619,169	89—	40: 1,619,113		42: 1,619,323		1,619,550
	87: 1,619,154		17: 1,619,658		170: 1,619,196		1,619,173	121—	194: 1,619,012		182: 1,618,990
	146: 1,619,350	36—	1: R. 16,566		1,619,577		47: 1,619,193	122—	7: 1,619,244		189: 1,619,632
	1,619,648		1,619,665	64—	17: 1,619,793	90—	15: 1,619,057		94: 1,619,447	148—	12: 1,619,399
14—	43: 1,619,678		2: 1,619,472		106: 1,618,987		49: 1,619,355		118: 1,619,171		13: 1,619,025
15—	51: 1,619,313		32: 1,619,023	66—	180: 1,619,788		59: 1,619,340		223: 1,619,235	150—	38: 1,619,543
	115: 1,619,324		35: 1,619,458		184: 1,619,199	91—	39: 1,619,571		504.1: 1,619,222		47: 1,619,644
	125: 1,619,180	37—	48: 1,619,314	67—	31: 1,619,715		67.2: 1,618,977	123—	3: 1,619,441	152—	12: 1,619,710
	151: 1,619,624	39—	6: 1,619,070		115: 1,619,130		68: 1,619,081		32: 1,619,379		14: 1,619,170
	229: 1,619,040	40—	2.2: 1,619,271		1,619,500		70: 1,619,027		43: 1,619,237		1,619,592
	237: 1,619,404		4: 1,619,511	68—	6: 1,619,400		1,619,343		69: 1,619,460		18: 1,619,433
16—	45: 1,619,590		21: 1,618,983		10: 1,619,774	92—	15: 1,619,111		78: 1,619,071		27: 1,619,538
	82: 1,619,067		28: 1,619,088	70—	47: 1,619,252		44: 1,619,168		80: 1,619,226	153—	3: 1,619,549
	100: 1,619,443		29: 1,619,565		90: 1,618,907		46: 1,619,682		122: 1,619,050		9: 1,619,064
	140: 1,619,107		124: 1,619,434	71—	6: 1,619,679		49: 1,619,371		1,619,496		46: 1,619,537
	163: 1,619,502		129: 1,619,007		9: 1,619,185	93—	1: 1,619,615		127: 1,619,330	154—	1: 1,619,191
18—	1: 1,619,075		130: 1,619,189	72—	29: 1,619,737		58: 1,619,207		169: 1,619,653		10: 1,619,019
	4: 1,619,210		132: 1,619,520		39: 1,619,270		61: 1,619,365		176: 1,619,618		1,619,377
	8: 1,619,769		149: 1,619,095		105: 1,619,568	94—	5: 1,619,733		180: 1,619,612		14: 1,619,119
	16: 1,619,102	41—	1: 1,619,354		1,619,569		45: 1,619,083		195: 1,619,539		33: 1,619,011
	1,619,233		7: 1,619,487		115: 1,619,300	95—	19: 1,619,108		198: 1,619,524	155—	55: 1,619,503
	17: 1,619,020	42—	1: 1,618,976		121: 1,619,401	96—	3: 1,619,342	124—	14: 1,619,275		135: 1,619,686
	18: 1,619,231	43—	4: 1,619,512		138: 1,619,030	97—	38: 1,619,797	125—	21: 1,619,128		182: 1,619,556
	50: 1,619,079		1,619,560	73—	31: 1,619,444		161: 1,619,586	126—	39: 1,619,243		197: 1,619,402
	54: 1,619,768		40: 1,619,147		51: 1,619,483		225: 1,619,670		1,619,505	156—	19: 1,619,456
	55: 1,619,692		55: 1,619,634		82: 1,619,553	98—	51: 1,619,066		59.5: 1,619,378		33: 1,619,256
	1,619,758		66: 1,619,366		118: 1,619,109		55: 1,619,417		70: 1,619,166		1,619,280
	60: 1,619,734		148: 1,619,316		120: 1,619,363	99—	1: 1,619,258		96: 1,619,092		42: 1,619,635
	61: 1,619,359	45—	2: 1,619,761		167: 1,619,416		5: 1,619,202		104: 1,619,567	157—	6: 1,619,426
19—	65: 1,619,178		97: 1,618,985	74—	5: 1,619,216		11: R. 16,562		113: 1,619,261	158—	3: 1,619,453
20—	22: 1,619,048		116: 1,619,124		7: 1,619,141	101—	114: 1,619,587		116: 1,619,593		32: 1,618,981
	30: 1,619,310		129: 1,619,381		1,619,338		342: 1,619,018		271.2: 1,619,516		42.3: 1,619,157
	56: 1,619,631	46—	32: 1,619,689		1,619,414		387: 1,619,650		317: 1,619,385		45.5: 1,619,470
	69: 1,619,037		35: 1,619,298		1,619,419	103—	25: 1,619,098		370: 1,619,660		91: 1,619,738
	79: 1,619,773		37: 1,619,101		14: 1,619,302		45: 1,619,320		1,619,661		115: 1,618,979
21—	77: 1,619,430		1,619,723		1,619,389		1,619,474		1,619,662	161—	10: 1,619,172
22—	65: 1,619,301		40: 1,619,393		1,619,696		46: 1,619,475		1,619,663	164—	18: 1,619,227
	151: 1,619,135		1,619,446		26: 1,619,623		96: 1,619,285	128—	9: 1,618,970		23: 1,619,482
	204: 1,619,139		1,619,630		28: 1,619,799		1,619,286		16: 1,618,971		38: 1,619,305
23—	53: 1,619,267		1,619,763		29: 1,619,345		111: 1,619,211		99: 1,619,513		60: 1,619,684
	95: 1,619,022		45: 1,619,694		34: 1,619,127		125: 1,619,514		324: 1,619,299		66: 1,619,499
	118: 1,619,666		1,619,726		1,619,477		137: 1,619,429		333: 1,619,424		112: 1,619,645
	150: 1,619,336		46: 1,619,184		1,619,552		178: 1,619,149	129—	12: 1,619,589	166—	4: 1,619,521
24—	56: 1,619,667		1,619,203		1,619,701	105—	6: 1,619,540		16.7: 1,619,760		21: R. 16,563
	68: 1,619,471		1,619,204		1,619,703		29: 1,619,380	131—	10: 1,619,387	167—	3: 1,619,146
	81: 1,619,390	47—	1: 1,619,272		39: 1,619,117		62: 1,619,705		1,619,408		9: 1,619,076
	85: 1,619,242		18: 1,618,999		1,619,319		109: 1,619,397		12: 1,619,090	168—	48: 1,619,619
	90: 1,619,541		19: 1,619,735		58: 1,619,702		117: 1,619,572		30: 1,619,306	170—	10: 1,619,643
	104: 1,619,800		44: 1,619,791		81: 1,619,421		205: 1,619,688		56: 1,619,461		159: 1,618,968
	105: 1,619,706	48—	180: 1,619,082		99: 1,619,051		229: 1,619,575	132—	36: 1,619,794	171—	34: 1,619,473
	117: 1,619,322	49—	5: 1,619,729		105: 1,618,986		1,619,576		36.2: 1,619,798		119: 1,619,629
	150: 1,619,265		14: 1,619,432	75—	45: 1,619,462		355: 1,619,055		43: 1,619,743		1,619,753
	152: 1,619,764		84: 1,619,341	76—	82: 1,619,581	106—	9: 1,619,785		45: 1,619,772		206: 1,619,415
	180: 1,619,138	50—	5: 1,619,383	77—	28: 1,619,190		15: 1,619,357		84: 1,619,212		264: 1,619,002
	219: R. 16,561	51—	89: 1,619,736		76: 1,619,395		29: 1,619,534	134—	78: 1,619,376		312: 1,619,459
	230.5: 1,619,188		91: 1,619,361	78—	17: 1,619,494	107—	14: 1,619,104	135—	4: 1,619,740		327: 1,619,125
	233: 1,619,014		92: 1,619,021		1,619,495	108—	1: 1,619,518		28: 1,619,217	172—	126: 1,619,677
	237: 1,619,783		101: 1,619,358	80—	41: 1,619,303		5.4: 1,619,282	136—	100: 1,619,699		152: 1,619,398
25—	43: 1,619,489		176: 1,619,158	81—	9.3: 1,619,766		8: 1,619,598	137—	7: 1,619,229		237: 1,619,337
	1,619,490		193: 1,619,442		9.5: 1,619,181		1,619,599		21: 1,619,054		274: 1,619,673
	131: 1,619,321		247: 1,619,056		179: 1,619,604		1,619,600		78: 1,619,351	173—	269: 1,619,086
	131.5: 1,619,269		249: 1,619,410		185: 1,619,255		1,619,601		99: 1,619,287		1,619,517
	155: 1,619,362		263: 1,619,344	82—	2: 1,619,281	109—	1: 1,619,528		101: 1,619,356	175—	41.5: 1,619,201
	1,619,570	53—	3: 1,619,065		24: 1,618,993		3: 1,619,676		104: R. 16,564		1,619,223
26—	69: 1,619,681		8: 1,619,573	83—	6: 1,619,276	110—	32: 1,619,480		1,619,431		1,619,597
29—	3: 1,619,533		9: 1,618,992		9: 1,619,295		75: 1,619,445		111: 1,619,273	177—	311: 1,619,265
	86.3: 1,619,162	54—	6: 1,619,224		1,619,739		98: 1,619,463		122: 1,619,238		327: 1,619,523
	1,619,669		59: 1,619,225		73: 1,619,145	112—	2: 1,619,436		1,619,386	178—	51: 1,619,085
	88.2: 1,619,625	55—	83: 1,619,208		75: 1,619,004		104: 1,619,251		144: 1,619,003		63: 1,619,041
	89: 1,619,240	56—	307: 1,619,721	84—	64: 1,619,690		160: 1,619,613		160: 1,619,115	179—	2: 1,619,228
	90: 1,619,479		339: 1,619,731		257: 1,619,722		262: 1,619,437	138—	10: 1,619,605		15: 1,619,060
	158: 1,619,232	58—	41: 1,619,564		297: 1,619,563		1,619,497	139—	323: 1,619,394		27: 1,619,250

179—	90:	1,619,554	197—	138:	1,619,013	212—	142:	1,619,786	234—	1:	1,619,005
	100.1:	1,619,384		155:	1,619,375		144:	1,619,156			1,619,241
	115:	1,619,114		157:	1,619,174	213—	26:	1,619,112	235—	3:	1,619,796
		1,619,161		176:	1,619,349		61:	1,619,693		23:	1,619,664
	170:	1,619,058		186:	1,619,602	214—	5:	1,619,620		86:	1,619,230
180—	1:	1,619,555	198—	11:	1,619,260		16.1:	1,619,360	236—	1:	1,619,610
	16:	1,619,308		26:	1,619,015		147:	1,619,507		21:	1,619,636
	42:	1,619,616		122:	1,619,610	215—	38:	1,619,264		24.5:	1,619,253
	48:	1,619,672	199—	29:	1,619,646			1,619,283		36:	1,619,219
181—	0.5:	1,618,982	200—	35:	1,619,777			1,619,509	238—	132:	1,619,403
		1,619,017		54:	1,619,134		73:	1,619,770		235:	1,619,716
	27:	1,619,407		68:	1,619,148		95:	1,619,136		259:	1,619,595
184—	37:	1,619,779		81:	1,619,103	217—	7:	1,619,611		260:	1,619,792
	89:	1,619,454			1,619,465	218—	15:	1,619,214		283:	1,619,028
	105:	1,619,455		91:	1,619,080	219—	1:	1,619,627		290:	1,619,757
187—	29:	1,619,405		122:	1,619,778		3:	1,619,296	240—	1:	1,619,100
	31:	1,619,596		129:	1,619,640		34:	1,619,425		41:	1,619,213
188—	69:	1,619,633		150:	1,619,010	220—	39:	1,619,603			1,619,617
	72:	1,619,542		170:	1,618,969		41:	1,619,423		48.4:	1,619,038
	75:	1,619,039	201—	48:	1,618,967		46:	1,619,782		49:	1,619,198
	78:	1,619,718	202—	9:	1,619,535		58:	1,619,506		62:	1,619,068
	83:	1,619,574		14:	1,619,525		61:	1,619,411		78:	1,619,061
	152:	1,619,239	206—	11:	1,619,529			1,619,412		81:	1,619,639
	194:	1,619,262		41:	1,619,418		71:	1,618,984		84.4:	1,619,730
	243:	1,619,767		46:	1,618,972		86:	1,619,498		108:	1,618,978
	250:	1,619,579			1,619,727	221—	11:	1,619,315		123:	1,619,538
189—	21:	1,619,651		48:	1,619,622		47.3:	1,619,126	242—	65:	1,619,220
	46:	1,619,578		63:	1,619,712		118:	1,619,488		75:	1,618,975
	62:	1,619,621	208—	41:	1,619,668		135:	1,619,687		84.1:	1,619,448
190—	2:	1,619,353		42:	1,619,438		144:	1,619,784	243—	9:	1,619,707
	12:	1,619,186		68:	1,619,024	223—	37:	1,619,142	244—	1:	1,619,183
	28:	1,619,561	209—	44:	1,619,558		66:	1,619,742		2:	1,619,680
192—	4:	1,619,449		121:	1,619,787	224—	29:	1,619,026		12:	1,619,372
	8:	R. 16,565		166:	1,619,790			1,619,044			1,619,373
	60:	1,619,751		255:	1,619,732	225—	26:	1,619,278		29:	1,619,374
193—	10:	1,619,626		419:	1,619,266		37:	1,619,608	246—	6.3:	1,619,698
194—	6:	1,619,657	210—	23:	1,619,036	226—	5:	1,619,062		37:	1,619,221
	61:	1,619,073		57:	1,619,713		29:	1,619,708		63:	1,619,289
	85:	1,619,245		101:	1,619,584		44:	1,619,754			1,619,290
		1,619,246		182:	1,619,042		82:	1,619,388			1,619,730
	97:	1,619,654		184:	1,619,118	229—	5.5:	1,618,989	248—	2:	1,619,009
		1,619,655		201:	1,619,484		58:	1,619,177		18:	1,619,307
	100:	1,619,247	211—	2:	1,619,547		77:	1,619,215		32:	1,619,591
195—	2:	1,619,016		7:	1,619,312		78:	1,619,382		37:	1,619,152
196—	11:	1,619,206		8:	1,619,006	230—	24:	1,619,469	250—	27:	1,619,318
	73:	1,619,396			1,619,248		27:	1,619,466		40:	1,619,544
	77:	1,619,348			1,619,292		31:	1,619,364			1,619,545
	137:	1,619,440			1,619,293		32:	1,619,131		41:	1,618,974
197—	1:	1,619,691			1,619,294		34:	1,619,481	251—	50:	1,619,335
	28:	1,619,391		14:	1,619,259	232—	41:	1,619,257		123:	1,619,033
	33:	1,619,530			1,619,476			1,619,745		139:	1,619,781
	114:	1,619,546			1,619,641	233—	2:	1,619,652		155:	1,619,748
	126:	1,619,045		15:	1,169,420		21:	1,619,347	252—	3:	1,619,326

252—	3:	1,619,327	273—	86:	1,619,179						
		1,619,649		127:	1,619,580						
	5:	1,619,194	274—	23:	1,619,467						
253—	77:	1,619,133	275—	8:	1,619,795						
254—	2:	1,619,304	277—	50:	1,619,234						
	190:	1,619,413	278—	9:	1,619,059						
255—	14:	1,619,700		96:	1,619,519						
	35:	1,619,268	279—	91:	1,618,998						
	46:	1,619,209	280—	2:	1,619,775						
	72:	1,619,328		33.1:	1,619,094						
257—	24:	1,619,284		106:	1,619,609						
	39:	1,619,776		144:	1,619,288						
	130:	1,618,980		150:	1,619,697						
	136:	1,619,116	282—	9:	1,619,522						
	191:	1,619,332	283—	38:	1,619,089						
		1,619,333	285—	62:	1,619,464						
		1,619,334		72:	1,619,583						
	234:	1,619,034		93:	1,619,218						
	245:	1,619,747		110:	1,619,439						
259—	72:	1,619,526		124:	1,619,755						
	128:	1,619,637		162:	1,619,492						
260—	143:	1,619,368	287—	90:	1,619,291						
261—	28:	1,619,309	292—	165:	1,619,032						
	63:	1,619,656		169:	1,619,789						
	97:	1,619,029		226:	1,619,752						
	121:	1,619,329		240:	1,619,031						
262—	8:	1,619,614		348:	1,619,097						
265—	1:	1,619,122	293—	34:	1,619,709						
		1,619,714		55:	1,619,067						
	19:	1,619,491			1,619,451						
	27:	1,619,594	294—	2:	1,619,159						
	28:	1,619,123		21:	1,619,559						
	36:	1,619,164		43:	1,619,400						
	37:	1,619,121		96:	1,619,254						
	61:	1,619,163	296—	28:	1,619,478						
		1,619,165			1,619,628						
	63:	1,619,093		44.5:	1,619,047						
267—	9:	1,619,035		45:	1,619,182						
	19:	1,619,422			1,619,501						
	47:	1,619,346		75:	1,619,725						
	54:	1,619,457		102:	1,619,153						
	69:	1,619,452	298—	23:	1,619,504						
268—	21:	1,619,167	299—	95:	1,619,120						
271—	2.1:	1,619,192	300—	21:	1,619,428						
	29:	1,619,711	301—	6:	1,619,607						
	77:	1,619,106		40:	1,619,175						
272—	4:	1,619,150		136:	1,619,078						
	11:	1,619,719	302—	37:	1,619,277						
	30:	1,619,325		53:	1,619,297						
273—	6:	1,619,515	303—	21:	1,619,704						
	65:	1,618,994		47:	1,619,132						
	77:	1,619,566	306—	4:	1,619,728						
	85:	1,619,279		68:	1,619,588						

Mar. 8, 1927

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Aberdeen Preserving Company Limited, Aberdeen, Scotland. Preserved herrings in sauce. 224,891; Mar. 8; Serial No. 239,689; published Dec. 28, 1926.

Adam, J. N., & Co., Buffalo, N. Y. Dry, paste, and ready-mixed paints, varnishes, etc. 224,866; Mar. 8; Serial No. 237,641; published Nov. 23, 1926.

Adams, Edwin Z., New Orleans, La. Bag bluing. 225,031; Mar. 8; Serial No. 238,763; published Dec. 21, 1926.

Albright & Wilson, Limited, Oldbury, England. Phosphorus and analogous chemical compounds. 30,409; renewed July 20, 1927.

Alimentare Val D'Arda, Florenzuola D'Arda, Italy. Tomato sauce, concentrated grapes, cheeses, preserved peas, etc. 224,806; Mar. 8; Serial No. 227,870; published Dec. 21, 1926.

Allebach, Clarence C., doing business as Distafect Laboratories, Worcester, Pa. Deodorizers, antiseptics, disinfectants, and sterilizers. 224,996; Mar. 8; Serial No. 239,839; published Dec. 21, 1926.

Allentown Knit Fabrics Co., Allentown, Pa., and New York, N. Y. Textile fabrics of cotton, wool, and mixtures of cotton and wool in the piece. 224,812; Mar. 8; Serial No. 222,808; published Dec. 21, 1926.

American Casting Company, Birmingham, Ala. Cast-iron culvert pipe. 224,979; Mar. 8; Serial No. 237,060; published Dec. 21, 1926.

American Cereal Company, The, Akron, Ohio; Chicago, Ill.; and Davenport, Iowa, assignors to The Quaker Oats Company, Chicago, Ill. Rolled oats. 29,632; renewed Mar. 2, 1927.

American Coffee Corporation, Jersey City, N. J. Coffee. 224,888–9; Mar. 8; Serial Nos. 240,123–4; published Dec. 28, 1926.

American Corn Millers Federation, Kansas City, Mo. Corn meal. 224,840; Mar. 8; Serial No. 238,477; published Dec. 21, 1926.

American Fruits Publishing Co., Inc., Rochester, N. Y. Monthly magazine. 225,066; Mar. 8; Serial No. 239,607; published Dec. 14, 1926.

American Grocer Company, Little Rock, Ark. Self-rising flour. 224,921; Mar. 8; Serial No. 237,214; published Dec. 21, 1926.

American Hammered Piston Ring Company, Baltimore, Md. Piston rings. 225,103–4; Mar. 8.

American Hard Rubber Company, Hempstead and New York, N. Y. Electrical insulating materials. 63,888; renewed June 18, 1927.

American Hosiery Company, New Britain, Conn. Knitted goods. 60,352; renewed Feb. 5, 1927.

American Hosiery Company, New Britain, Conn. Knitted goods. 60,372; renewed Feb. 5, 1927.

American Hosiery Company, New Britain, Conn. Knitted goods. 60,401; renewed Feb. 5, 1927.

American Steel & Copper Plate Co., The, New York, N. Y., to American Steel & Copper Plate Company, Jersey City, N. J. Copper and zinc plates for photo-engravers' uses. 59,343; renewed Jan. 8, 1927.

Anchor Packing Company, The, Philadelphia, Pa. Brake lining, rubber, balata, and leather belting, hose, gaskets, etc. 224,948; Mar. 8; Serial No. 216,762; published Dec. 21, 1926.

Anderson, Howard W., Stewartstown, Pa. Fresh and canned tomatoes, apples, and peaches. 224,972; Mar. 8; Serial No. 237,352; published Dec. 7, 1926.

Anderson, James S., Neuilly-sur-Seine, France. Churns and separators used in the dairy business. 224,851; Mar. 8; Serial No. 234,071; published Dec. 21, 1926.

Apex Laboratories Inc., Chicago, Ill. Nonfreeze solution for automobile radiators. 224,792; Mar. 8; Serial No. 238,634; published Dec. 14, 1926.

Arata & Peters, Inc., San Francisco, Calif. Oranges. 224,950; Mar. 8; Serial No. 208,736; published Dec. 7, 1926.

Aromint Mfg. Co., The, Cincinnati, Ohio. Compressed candy tablets. 224,842; Mar. 8; Serial No. 232,535; published Dec. 21, 1926.

Asia Commercial Company, The. (See Lain, Chin.)

Associated Oil Company, San Francisco, Calif. Kerosene. 225,119; Mar. 8.

Associated Portland Cement Manufacturers (1900), Limited, The, assignor to The Associated Cement Manufacturers Limited, London, England. Portland cement. 62,502; renewed May 14, 1927.

Auerbach, Walter M., doing business as Sun Storage Battery Co., New York, N. Y. Storage batteries. 224,961; Mar. 8; Serial No. 236,718; published Dec. 21, 1926.

Auto Have It Company. (See Fish, Spencer C.)

Badische Anilin and Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Dyestuff. 29,687-9; renewed Mar. 9, 1927.

Baer Bros., New York, N. Y. Paints. 225,102; Mar. 8.

Banner Rock Products Co., Alexandria, Ind. Thermal insulating materials. 225,049; Mar. 8; Serial No. 238,419; published Dec. 14, 1926.

Barcelona Products Co. Inc., New York, N. Y. Shampoo and bay rum. 225,113; Mar. 8.

Barcelona Products Co. Inc., New York, N. Y. Olive oil. 225,117; Mar. 8.

Barmon Brothers Company, Inc., Buffalo, N. Y. Dresses. 225,114; Mar. 8.

Barrett Manufacturing Company, Philadelphia, Pa., assignor to The Barrett Company, New York, N. Y. Coal-tar products excepting dyes. 29,556; renewed Feb. 2, 1927.

Barrett Manufacturing Company, assignor to The Barrett Company, New York, N. Y. Ready tar and felt roofing. 60,693; renewed Feb. 19, 1927.

Barrett Manufacturing Company, assignor to The Barrett Company, New York, N. Y. Roofing and sheathing felt. 61,627; renewed Apr. 2, 1927.

Barrett Manufacturing Company, assignor to The Barrett Company, New York, N. Y. Deadening felt for use in the construction of buildings. 62,504; renewed May 14, 1927.

Barrett Manufacturing Company, assignor to The Barrett Company, New York, N. Y. Coal-tar pitch. 62,608; renewed May 14, 1927.

Bedell Company, The, New York, N. Y. Shoes, cloaks, capes, dresses, etc. 224,917; Mar. 8; Serial No. 237,774; published Dec. 21, 1926.

Behrens, A. W. & H. H., Brooklyn, N. Y. Canned fish, shellfish, fruits, vegetables, etc. 224,896; Mar. 8; Serial No. 239,558; published Dec. 21, 1926.

Beltine Chemical & Mfg. Co., Chicago, Ill. Dry-cleaning soap. 225,084; Mar. 8; Serial No. 239,161; published Dec. 21, 1926.

Ben-Burk System, Inc., Boston, Mass. Preparation for coloring, flavoring, and clarifying a nonalcoholic, maltless beverage sold as a soft drink. 225,019; Mar. 8. Serial No. 234,888; published Dec. 21, 1926.

Berg, Charles F., Portland, Oreg. Gloves. 224,968; Mar. 8; Serial No. 237,532; published Dec. 21, 1926.

Bethlehem Steel Company, Bethlehem, Pa. Publication. 224,903; Mar. 8; Serial No. 234,889; published Dec. 21, 1926.

Betts, Frank B., jr., doing business as Frank B. Betts and Associates, Columbus, Ohio. Forms used for listing, classifying, and valuating property. 224,944; Mar. 8; Serial No. 219,369; published Dec. 21, 1926.

Bird, J. A. & W., & Co., assignor to The Flintkote Company, Boston, Mass. Felt and paper for roofing and covering for insulation against heat and cold. 62,505; renewed May 14, 1927.

Bishop and Company, Los Angeles, Calif. Chocolate candy. 224,892; Mar. 8; Serial No. 239,610; published Dec. 28, 1926.

Black, H., & Co., assignor to The Wooltex Company, Cleveland, Ohio. Clothing. 58,969–70; renewed Dec. 25, 1926.

Blanchard, Charles N., Binghamton, N. Y. Coal. 224,931; Mar. 8; Serial No. 236,408; published Dec. 7, 1926.

Blanke-Baer Chemical Company assignor to Blanke-Baer Extract & Preserving Co., St. Louis, Mo. Flavoring extracts. 61,063; renewed Mar. 5, 1927.

Blanke-Baer Chemical Company assignor to Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Massage cream and eczema cure. 61,247; renewed Mar. 12, 1927.

Blaul's, John, Sons Co., Burlington, Iowa. Coffee. 63,497; renewed June 25, 1927.

Blue Ridge Quarries, Inc., Slatington, Pa. Roofing and structural slates. 224,956; Mar. 8; Serial No. 221,163; published Dec. 7, 1926.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 224,993; Mar. 8; Serial No. 239,877; published Dec. 21, 1926.

Boston Publishing Company, Boston, Mass. Daily newspaper. 224,997; Mar. 8; Serial No. 239,792; published Dec. 14, 1926.

Bowen, John D., New York, N. Y. Tea packed in retainers of gauze. 225,058; Mar. 8; Serial No. 238,007; published Dec. 7, 1926.

Brach, E. J., & Sons, Chicago, Ill. Candy. 224,991; Mar. 8; Serial No. 239,917; published Dec. 21, 1926.

Brady, Frank, Denver, Colo. Periodical. 59,695; renewed Jan. 15, 1927.

Bronston Bros. and Co., Inc., New York, N. Y. Men's and women's straw hats having flexible portions. 224,975; Mar. 8; Serial No. 237,260; published Dec. 7, 1926.

C. B. R. Cimenteries et Briqueteries Réunies, S. A., Antwerp, Belgium. Portland cements of special quality, rapidly hardening, and of high resistance. 224,855; Mar. 8; Serial No. 233,636; published Dec. 21, 1926.

C. B. R. Cimenteries et Briqueteries Réunies, S. A., Antwerp, Belgium. Portland cements. 224,873; Mar. 8; Serial No. 223,115; published Dec. 7, 1926.

Cabot, Samuel, assignor to Samuel Cabot, Inc., Boston, Mass. Wood and shingle stains. 63,871; renewed July 9, 1927.

Cabot, Samuel, Inc., Boston, Mass. Builders' sheathing, packing, or filling. 224,937; Mar. 8; Serial No. 235,334; published Dec. 7, 1926.
California Fruit Exchange, Sacramento, Calif. Fresh cherries, apricots, peaches, pears, etc. 224,869; Mar. 8; Serial No. 232,754; published Dec. 21, 1926.
California Leather Dressing Company, San Francisco, Calif. Cream for dressing and polishing leather. 225,089; Mar. 8; Serial No. 239,087; published Dec. 21, 1926.
Cameron, Philip G., Westfield, N. J. Soap. 224,963; Mar. 8; Serial No. 236,672; published Dec. 21, 1926.
Carbice Corporation of America, Long Island City, N. Y. Carbon dioxide. 225,005; Mar. 8; Serial No. 239,612; published Dec. 21, 1926.
Carbice Corporation of America, Long Island City, N. Y. Carbon dioxide in solid or semisolid form. 225,065; Mar. 8; Serial No. 239,611; published Dec. 21, 1926.
Carbona Products Company, New York, N. Y. Dry-cleaning and polishing preparations and grease solvent. 224,845; Mar. 8; Serial No. 231,901; published Dec. 21, 1926.
Carr, John R., Germantown, Philadelphia, Pa. Liquid polish for brass and nickel, etc. 225,093; Mar. 8; Serial No. 239,022; published Dec. 14, 1926.
Carter White Lead Company, Omaha, Nebr., and Chicago, Ill. White lead. 59,820; renewed Jan. 22, 1927.
Caton Spring Water Co., Catonsville, Md. Beverages. 224,883; Mar. 8; Serial No. 240,340; published Dec. 28, 1926.
Cattaraugus Cutlery Co., Little Valley, N. Y. Cutlery. 63,389; renewed June 18, 1927.
Cefola, Jennie, doing business as Cefola, & Company, New York, N. Y. Medical compound salve. 224,876; Mar. 8; Serial No. 222,440; published Dec. 21, 1926.
Chamberlain, Edward B., doing business as Chamberlain Bakery, Poughkeepsie, N. Y. Bread. 224,862; Mar. 8; Serial No. 238,486; published Dec. 14, 1926.
Champion Porcelain Company, Detroit, Mich. Pyrometer tubes. 224,920; Mar. 8; Serial No. 237,263; published Dec. 21, 1926.
Chance & Hunt Limited, Oldbury, England. Caustic soda. 63,589; renewed June 25, 1927.
Chapman Orchards, Fullerton and Lindsay, Calif. Citrous fruits. 224,887; Mar. 8; Serial No. 240,171; published Dec. 28, 1926.
Chase System, The. (See Enterprise Chemical Co.)
Chemical Foundation, Incorporated, The. (See Badische Anilin and Soda-Fabrik, assignor.)
Chemical Foundation, Incorporated, The. (See Chemische Fabrik von Heyden, Gesellschaft mit beschränkter Haftung, assignor.)
Chemical Foundation, Incorporated, The. (See Kempner, Joseph, assignor.)
Chemical Foundation, Incorporated, The. (See Merck, Firm of E., assignor.)
Chemical Foundation, Incorporated, The. (See Nachfolger, Martin W., assignor.)
Chemical Foundation, Incorporated, The. (See Raspe, Carl, assignor.)
Chemisch-Pharmazeutische A. G. Bad Homburg, Bad Homburg, Germany. Preparation for use against syphilis in each stage. 224,810; Mar. 8; Serial No. 224,744; published Sept. 28, 1926.
Chemische Fabrik von Heyden, Gesellschaft mit beschränkter Haftung, Radebeul, Germany, assignor to Heyden Chemical Corporation, New York, N. Y. Lactate of silver, citrate of silver, and all pharmaceutical preparations of silver. 29,133; renewed Nov. 10, 1926.
Chemische Fabrik von Heyden, Gesellschaft mit beschränkter Haftung, Radebeul, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Chemical and pharmaceutical products. 29,942; renewed May 4, 1927.
Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece. 224,987–8; Mar. 8; Serial No. 239,967–8; published Dec. 21, 1926.
Cheramy, Inc., New York, N. Y. Perfumes, toilet waters, rouges, vegetals, etc. 225,115; Mar. 8.
Cherry, Louis D., Philadelphia, Pa. Dried dates arranged in a package containing a nut. 224,919; Mar. 8; Serial No. 237,149; published Dec. 21, 1926.
Chicago Mail Order Company, Chicago, Ill. Sewing machines. 225,106; Mar. 8.
Chillington Tool Company, Limited, The, Wolverhampton, England. Horseshoes. 61,495; renewed Mar. 26, 1927.
China Hide & Produce Co., Inc., New York, N. Y. Assorted bristles and assorted horsehair. 224,957; Mar. 8; Serial No. 221,092; published Dec. 14, 1926.
Cincinnati Bickford Tool Company, The, Oakley, Cincinnati, Ohio. Power-driven upright and radial drilling machines. 224,995; Mar. 8; Serial No. 239,843; published Dec. 21, 1926.
Citizens' Wholesale Supply Company, The, Columbus, Ohio. Lubricating oils and greases. 62,145; renewed Apr. 23, 1927.
Citizens' Wholesale Supply Company, The, Columbus, Ohio. Bicarbonate of soda. 62,610; renewed May 14, 1927.
Citizens' Wholesale Supply Company, The, Columbus, Ohio. Meat and salad sauces and dressings. 62,921; renewed May 28, 1927.
Citizens' Wholesale Supply Company, The, Columbus, Ohio. Cream of tartar. 62,922; renewed May 28, 1927.
Citizens' Wholesale Supply Company, The, Columbus, Ohio. Medicines. 63,438; renewed June 18, 1927.
City Ice Company of Kansas City, Kansas City, Mo. Publication. 224,881; Mar. 8; Serial No. 226,963; published Dec. 21, 1926.
Claro Milling Company, Minneapolis, Minn. Wheat flour. 225,068; Mar. 8; Serial No. 239,508; published Dec. 14, 1926.
Clean Out Manufacturing Company, The. (See Hensley, J. C.)
Cleveland Retail Grocers Association, Cleveland, Ohio. Magazine. 225,070; Mar. 8; Serial No. 239,464; published Dec. 14, 1926.
Close, George, Co., The, Cambridge, Mass. Candy. 225,079; Mar. 8; Serial No. 239,242; published Dec. 7, 1926.
Clover Fork Coal Company, Kitts, Ky. 224,921; Mar. 8; Serial No. 236,634; published Dec. 7, 1926.
Coachella Valley Grapefruit Association, Thermal, Calif. Oranges, lemons, grapefruit, etc. 225,088; Mar. 8; Serial No. 239,091; published Dec. 7, 1926.
Coast Manufacturing & Supply Co., Berkeley, to Coast Manufacturing & Supply Company, Livermore, Calif. Fuses. 61,643; renewed Apr. 2, 1927.
Coats, J. & P., Limited, Paisley, Scotland, assignor to J. & P. Coats (R. I.), Inc., Pawtucket, R. I. Sewing cotton on spools and reels. 60,307–8; renewed Feb. 5, 1927.
Cold Spring Granite Co., Cold Spring, Minn. Cut granite. 224,926; Mar. 8; Serial No. 236,636; published Dec. 7, 1926.
Colgate & Co., New York, N. Y., assignor to Colgate & Company, Jersey City, N. J. Soaps. 63,219; renewed June 11, 1927.
Colgate & Co., New York, N. Y., assignor to Colgate & Company, Jersey City, N. J. Liquid and powder perfumes and toilet waters. 63,264; renewed June 11, 1927.
Colloy Production Company, St. Louis, Mo. Argillaceous earth admixture used for concrete and plaster. 224,930; Mar. 8; Serial No. 236,464; published Dec. 7, 1926.
Color Control Company, Los Angeles, Calif. Chemical stains for cement floors. 224,863; Mar. 8; Serial No. 237,492; published Dec. 14, 1926.
Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 224,803; Mar. 8; Serial No. 233,107; published Dec. 21, 1926.
Conron, Thomas W., doing business as Conron Vitality Milk Farm, Danville, Ill. Goats' milk. 224,853; Mar. 8; Serial No. 233,766; published Dec. 14, 1926.
Conron Vitality Milk Farm. (See Conron, Thomas W.)
Conservator Co., The, Phillipsburg, N. J. Maturity calendars. 224,850; Mar. 8; Serial No. 234,101; published Dec. 21, 1926.
Corn Products Refining Company. (See National Starch Manufacturing Company, The, assignor.)
Corn Products Refining Company, New York, N. Y. Cornstarch. 63,439; renewed June 18, 1927.
Corn Products Refining Company, Jersey City, N. J. and New York, N. Y., to Corn Products Refining Company, New York, N. Y. Glucose. 63,306–7; renewed June 11, 1927.
Cory-Keim Publishing Co., The. (See Hosterman, Arthur D., assignor.)
Cresswell's Asbestos Co. Ltd., Bradford, England. Brake lining. 225,045; Mar. 8; Serial No. 238,360; published Dec. 21, 1926.
Crosfield, Joseph, & Sons, Limited, Warrington, England. Caustic soda and silicate of soda not used in connection with compounds for scalding raw wool. 29,630; renewed Mar. 2, 1927.
Cross Abbott Company, White River Junction, Vt. Mayonnaise sandwich spread, olive oil, cocoa, etc. 224,854; Mar. 8; Serial No. 233,637; published Dec. 14, 1926.
Crystola Mfg. Co., Philadelphia, Pa. Preparation for cleaning glass. 225,060; Mar. 8; Serial No. 237,787; published Dec. 21, 1926.
Cuesta, Rey & Co., West Tampa, to Cuesta, Rey & Co., Tampa, Fla. Cigars. 60,148; renewed Jan. 29, 1927.
Currey, Herschel E., Baker City, to O. Hughes, Baker, Oreg., successor. Compound in suppository form for the cure and alleviation of female disorders. 60,387; renewed Feb. 5, 1927.
D. P. W. Company, The, Akron, Ohio. Paints. 224,808; Mar. 8; Serial No. 227,342; published Dec. 21, 1926.
Davies, Rose & Co., Ltd., to Davies, Rose & Co., Ltd., Boston, Mass., successor. Cough drops. 50,571; renewed Mar. 20, 1926.
Delete Company, Inc., Tulsa, Okla. Dry cleaner. 225,046; Mar. 8; Serial No. 238,363; published Dec. 21, 1926.
Denison Cotton Mill Company, Denison, Tex. Cotton duck. 61,157; renewed Mar. 5, 1927.
Denison Cotton Mill Company, Denison, Tex. Cotton duck. 61,893; renewed Apr. 9, 1927.
Dennis, W. J., & Company, Chicago, Ill. Weather strip. 225,054; Mar. 8; Serial No. 238,107; published Dec. 7, 1926.
Detroit Bread Company, Inc., Detroit, Mich. Bread. 225,050; Mar. 8; Serial No. 238,430; published Dec. 14, 1926.
Diaz, Carlos J., New York, N. Y. Soaps. 225,099; Mar. 8; Serial No. 238,843; published Dec. 14, 1926.
Dickel, Geo. A., & Co., Nashville, Tenn. Whisky. 30,156; renewed June 8, 1927.

Dicus, John W., Baltimore, Md. Metal polish. 225,008; Mar. 8; Serial No. 234,257; published Dec. 21, 1926.
Diebold Safe & Lock Company, Canton, Ohio. Periodical publication and catalogues. 224,902; Mar. 8; Serial No. 236,082; published Dec. 21, 1926.
Dietz, R. E., Company, New York, N. Y. Oil-burning tubular hand lanterns. 63,341; renewed June 18, 1927.
Dietz, R. E., Company, New York, N. Y. Globes for lamps and lanterns. 63,423; renewed June 18, 1927.
Dietz, R. E., Company, New York, N. Y. Oil-burning lamps. 63,507; renewed June 25, 1927.
Di Folco, Luigi, Altoona, Pa. Malt sirup used as a flavoring extract for soft drinks. 224,856; Mar. 8; Serial No. 233,425; published Dec. 21, 1926.
Dill & Collins, assignor to Dill & Collins Co., Philadelphia, Pa. Printing, writing, wrapping, and surface-coated paper. 29,902; renewed Apr. 27, 1927.
Dimitrino & Co., Cairo, Egypt. Cigarettes. 224,805; Mar. 8; Serial No. 228,090; published Dec. 28, 1926.
Disney, Ltd. (See Munter, Milton M.)
Distafect Laboratories. (See Allebach, Clarence C.)
Diversey Manufacturing Company, Chicago, Ill. Cleaner or detergent. 225,092; Mar. 8; Serial No. 239,025; published Dec. 14, 1926.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Paint. 62,783; renewed May 28, 1927.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Graphite. 62,784; renewed May 28, 1927.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Stove polish. 62,976; renewed June 4, 1927.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Graphite. 62,977; renewed June 4, 1927.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Pencils. 63,119; renewed June 4, 1927.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Lead and crayon pencils. 63,498; renewed June 25, 1927.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Lead and crayon pencils. 63,528; renewed June 25, 1927.
Donovan, Katherine T., doing business as Jotoda Yeast Co., Lynn, Mass. Yeast. 224,858–9; Mar. 8; Serial Nos. 238,544–5; published Dec. 14, 1926.
Dubraks, Joseph W., St. Petersburg, Fla. Frozen confection. 225,061; Mar. 8; Serial No. 237,794; published Nov. 30, 1926.
Dueber Watch Case Manfg. Co., The, assignor to The Dueber-Hampden Watch Company, Canton, Ohio. Watchcases. 30,133; renewed June 8, 1927.
Dun, R. G., & Co., New York, N. Y. Monthly publication. 224,819; Mar. 8; Serial No. 238,309; published Dec. 21, 1926.
Dun, R. G., & Co., New York, N. Y. Weekly publication. 225,040; Mar. 8; Serial No. 238,308; published Dec. 21, 1926.
Durkee, E. R., & Co., New York, to E. R. Durkee & Co., Elmhurst, N. Y. Spices, flavoring extracts, salad dressing, and sauces. 30,095; renewed May 25, 1927.
Eagle Lock Company, Terryville, Conn. Padlocks, trunk locks, cabinet locks, and door locks. 61,391; renewed Mar. 19, 1927.
Eau de Cologne- & Parfümerie-Fabrik. (See Mühlens, Paul P.)
Emulsol Corporation, The, Chicago, Ill. Emulsifying egg product for mayonnaise dressing. 224,796; Mar. 8; Serial No. 238,575; published Dec. 14, 1926.
Enterprise Chemical Co., doing business as The Chase System, St. Louis, Mo. Flavoring extracts. 224,915; Mar. 8; Serial No. 221,541; published Dec. 14, 1926.
Epping, John G., Bottling Works, Inc., Lexington, Ky. Maltless beverages of various flavors. 225,035; Mar. 8; Serial No. 238,845; published Dec. 28, 1926.
Eternit Pietra Artificiale (London) Limited, London, England. Manufactures from cement and asbestos, bitumen, plaster, etc. 224,849; Mar. 8; Serial No. 234,110; published Dec. 7, 1926.
Face Corporation, The, Philadelphia, Pa. Game. 224,895; Mar. 8; Serial No. 239,578; published Dec. 28, 1926.
Fade-A-Way Products Co., Mount Vernon, Ohio. Paste which is used as a soap and a spot and stain remover. 225,063; Mar. 8; Serial No. 239,648; published Dec. 21, 1926.
Fairbank, N. K., The, Chicago, Ill.; St. Louis, Mo.; New York, N. Y.; and Montreal, Canada, assignor to Gold Dust Corporation, Jersey City, N. J. Detergent and washing powders. 30,115; renewed June 1, 1927.
Fairbank, N. K., Company, The, Chicago, Ill.; St. Louis, Mo.; New York, N. Y.; and Montreal, Canada, assignor to Gold Dust Corporation, Jersey City, N. J. Detergent and washing powder. 30,219; renewed June 15, 1927.
Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 63,626; renewed July 2, 1927.
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Substitutes for iodids. 61,730; renewed Apr. 2, 1927.
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Analgesic and antirheumatic. 62,613; renewed May 14, 1927.
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Antirheumatic and analgesic. 62,856; renewed May 28, 1927.
Farbenfabriken, vormals Fr. Bayer & Co., Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Extract of thyroid glands for use in obesity and cutaneous affections. 29,406; renewed Jan. 5, 1927.
Fargo-Hallowell Shoe Co., Chicago, Ill. Leather shoes. 225,009; Mar. 8; Serial No. 231,146; published Dec. 21, 1926.
Feinberg Kosher Sausage Company, Minneapolis, Minn. Sausage, corn beef, and smoked beef. 224,952; Mar. 8; Serial No. 205,326; published Dec. 7, 1926.
Felton & Guilleaume, Mulheim-on-the-Rhine, assignor to Felton & Guilleaume Carlswerk Actien-Gesellschaft, Koln-Mulheim, Germany. Metal and wire goods, chains, cables, etc. 26,769; renewed July 2, 1925.
Fire Frost Sales Co. (See Pfeifer, Frank.)
Firewater Sales Company, Minneapolis, Minn. Nonfreezing solutions for automobile radiators. 224,867; Mar. 8; Serial No. 237,602; published Dec. 14, 1926.
Fischer Manufacturing Company, The, Milwaukee, Wis. Bunion protectors. 60,131; renewed Jan. 29, 1927.
Fish, Spencer C., doing business as Auto Have It Company, La Crosse, Wis. Ash receivers. 224,990; Mar. 8; Serial No. 239,926; published Dec. 21, 1926.
Fishel, Nessler & Company, to Fishel Nessler Company, New York, N. Y., successor. Hairpins, combs, and hair ornaments. 63,194; renewed June 11, 1927.
Fitz Patrick, A. L., Philadelphia, Pa. Horses. 224,922; Mar. 8; Serial No. 237,733; published Dec. 21, 1926.
Fleming-Wilson Mercantile Co., Topeka, Kans. Canned salmon, canned peaches, evaporated fruits, corn meal, fruit jelly, etc. 225,111; Mar. 8.
Flintkote Company, The. (See Bird, J. A. & W., & Co., assignor.)
Ford Radio & Mica Corporation, New York, N. Y. Radio receiving sets and parts thereof, and also for accessories for radio apparatus. 225,016; Mar. 8; Serial No. 230,095; published Dec. 21, 1926.
Foreign Traders Company, Inc., New York, N. Y. Rosin. 224,865; Mar. 8; Serial No. 237,659; published Dec. 14, 1926.
Fortmann, Doscher & Co. Inc., New York, N. Y. Salt mackerel. 224,875; Mar. 8; Serial No. 222,738; published Dec. 7, 1926.
Foster-Milburn Co., Buffalo, N. Y. Bitters. 63,417; renewed June 18, 1927.
Franklin Overall Company, The, Paterson, N. J. Overalls, sack coats, aprons, pants, etc. 224,904; Mar. 8; Serial No. 225,917; published Dec. 7, 1926.
Frantz Manufacturing Co., Sterling, Ill. House, barn, and garage hardware and builders' hardware. 224,942; Mar. 8; Serial No. 220,515; published Dec. 7, 1926.
French Beauty Products Co., Inc., New York, N. Y. Perfumes, astringents, bandoline, beautifier creams, brilliantine, etc. 225,098; Mar. 8; Serial No. 238,848; published Dec. 21, 1926.
Frersing, William H., doing business as Gastralgadyne Laboratories, Cincinnati, Ohio. Medicine for use as an antacid. 225,002; Mar. 8; Serial No. 239,705; published Dec. 21, 1926.
Frick Ice Cream Company, Corsicana, Tex. Frozen confection. 224,818; Mar. 8; Serial No. 238,314; published Dec. 14, 1926.
Friedrichs, Ernst H., Inc., New York, N. Y. Artists' easels. 224,811; Mar. 8; Serial No. 223,293; published Dec. 21, 1926.
Fujiyasu, Togoro, Tokyo, Japan. Toy dolls, birds, hens, cocks, and animals. 224,844; Mar. 8; Serial No. 231,915; published Dec. 21, 1926.
Game Balls Company Limited, Brentford, England. Golf, cricket, hockey, etc., balls. 224,809; Mar. 8; Serial No. 226,953; published Dec. 28, 1926.
Gas Station Topics, Inc., New York and Brooklyn, N. Y. Monthly magazine. 224,852; Mar. 8; Serial No. 233,929; published Sept. 14, 1926.
Gase, Eugene, Saginaw, Mich. Bread. 224,938; Mar. 8; Serial No. 235,260; published Dec. 14, 1926.
Gastralgadyne Laboratories. (See Frersing, William H.)
Gebrüder Schoeller, Duren, Germany. Carpets, covers, and furniture stuffs. 28,979; renewed Oct. 13, 1926.
Gene-Vall Cigar Co., Inc., New York, N. Y. Cigars. 224,054; Mar. 8; Serial No. 163,677; published May 29, 1923.
General Dyestuff Corporation, New York, N. Y. Dyes, dyestuffs, and dyestuff intermediates, etc. 224,827; Mar. 8; Serial No. 237,802; published Dec. 14, 1926.
General Lubricating Company, Kansas City, Mo. Lubricating and fuel oils. 224,837; Mar. 8; Serial No. 238,714; published Dec. 21, 1926.
Gerard, Marie, North Puyallup, Wash. Powder puffs. 224,885; Mar. 8; Serial No. 240,250; published Dec. 28, 1926.
Gibson, Geo. R., Co., New York, N. Y. Hairbrushes. 225,029; Mar. 8; Serial No. 213,132; published Dec. 28, 1926.
Gilbert, Harvey J., Savannah, Ga. Salt. 224,967; Mar. 8; Serial No. 237,546; published Nov. 9, 1926.
Gile, H. S., & Co., Salem, Oreg. Dried and evaporated prunes. 62,066; renewed Apr. 16, 1927.

Ginsburg, Eva, New Britain, Conn. Cereal coffee. 224,797; Mar. 8; Serial No. 238,562; published Dec. 21, 1926.

Gladbrook Mustard Factory, Long Beach, Calif. Pickles. 224,945; Mar. 8; Serial No. 218,549; published Dec. 14, 1926.

Gold Dust Corporation. (See Fairbank, N. K., Company, The, assignor.)

Goodwin's, N. C., Laboratory, Inc., New York, N. Y. Ointment. 225,069; Mar. 8; Serial No. 239,470; published Dec. 14, 1926.

Gopher State Canneries, Inc., Watertown, Minn. Canned vegetables and sauerkraut. 224,834; Mar. 8; Serial No. 238,715; published Dec. 28, 1926.

Gordon & Ferguson, assignors, by mesne assignments, to Gordon & Ferguson, Inc., St. Paul, Minn. Hats and caps. 28,422; renewed June 23, 1926.

Gothic Watch Co. Inc., New York, N. Y. Watches. 225,073; Mar. 8; Serial No. 239,362; published Dec. 21, 1926.

Graf, John, Co., Milwaukee, Wis. Aerated, distilled water. 224,906; Mar. 8; Serial No. 239,172; published Dec. 28, 1926.

Graham & Zenger, Inc., New York, N. Y. Glassware. 225,028; Mar. 8; Serial No. 214,154; published Dec. 21, 1926.

Grand Rapids Show Case Company, Grand Rapids, Mich. Wall cases, display tables, revolving wardrobes, etc. 224,800. Mar. 8; Serial No. 236,931; published Dec. 21, 1926.

Great Atlantic & Pacific Tea Co., The, Jersey City, N. J. Coffee. 225,007; Mar. 8; Serial No. 234,299; published Dec. 7, 1926.

Great Atlantic & Pacific Tea Company, The, New York, N. Y., to The Great Atlantic & Pacific Tea Company, Jersey City, N. J. Soaps in powdered and caked form. 62,778; renewed May 28, 1927.

Great Atlantic & Pacific Tea Company, The, New York, N. Y., to The Great Atlantic & Pacific Tea Company, Jersey City, N. J. Condensed milk, evaporated milk, and butter. 62,926; renewed May 28, 1927.

Great Atlantic & Pacific Tea Company, The, New York, N. Y., to The Great Atlantic & Pacific Tea Company, Jersey City, N. J. Canned vegetables and spices. 62,927; renewed May 28, 1927.

Greist Manufacturing Co., The, New Haven, Conn. Lamp shades. 224,880; Mar. 8; Serial No. 227,835; published June 1, 1926.

Grey Eagle Malt Syrup Company, Cincinnati, Ohio. Malt sirup. 224,928; Mar. 8; Serial No. 236,551; published Dec. 14, 1926.

Griffin, Robert, Company, The, Jersey City, N. J. Wall paper. 224,946; Mar. 8; Serial No. 217,512; published Sept. 14, 1926.

Gulf States Farmer Company, Ltd., New Orleans, La.; New York, N. Y.; Chicago, Ill.; Atlanta, Ga.; and San Francisco, Calif. Monthly magazine. 225,067; Mar. 8; Serial No. 239,582; published Dec. 14, 1926.

Haffner, John J., doing business as Haffner Horseradish Co., Chicago, Ill. Pickles. 224,815; Mar. 8; Serial No. 237,905; published Dec. 7, 1926.

Hall, William L., Chicago, Ill. Personal stamps. 225,053; Mar. 8; Serial No. 238,116; published Dec. 31, 1926.

Hamilton Manufacturing Co. (See Manning, Rollo G., assignor.)

Hammel, Riglander & Co., to Hammel, Riglander & Co. Inc., New York, N. Y., successor. Pliers without cutting edges. 62,997; renewed June 4, 1927.

Harbauer Company, The, Toledo, Ohio. Tomato catchup, pickles, vinegar, etc. 224,977; Mar. 8; Serial No. 237,170; published Dec. 14, 1926.

Hardware Products Company, Boston, Mass. Power-transmission gear. 224,994; Mar. 8; Serial No. 239,856; published Dec. 21, 1926.

Hastings Research Group, Inc., New York, N. Y. Nursery soap. 225,097; Mar. 8; Serial No. 238,854; published Dec. 21, 1926.

Hawkins, Lucy B., Chickasha, Okla. Medicinal compound to be used on the hair as an aid to removing dandruff and promoting growth of the hair. 225,006; Mar. 8; Serial No. 234,439; published Dec. 14, 1926.

Hawley & Hoops. (See Slauson, A., & Co.)

Hazard Manufacturing Company, Wilkes-Barre, Pa. Steel armored electrical cable. 225,072; Mar. 8; Serial No. 239,364; published Dec. 21, 1926.

Hazlett, Howard, administrator of Augustus Pollack, deceased, assignor to Estate of Augustus Pollack, Inc., Wheeling, W. Va. Stogies. 62,779; renewed May 28, 1927.

Hazlett, Howard, administrator of Augustus Pollack, deceased, assignor to Estate of Augustus Pollack, Inc., Wheeling, W. Va. Stogies. 62,827; renewed May 28, 1927.

Hazlett, Howard, administrator of Augustus Pollack, deceased, assignor to Estate of Augustus Pollack, Inc., Wheeling, W. V. Stogies. 62,880–1; renewed May 28, 1927.

Hazlett, Howard, administrator of Augustus Pollack, deceased, assignor to Estate of Augustus Pollack, Inc., Wheeling, W. Va. Stogies. 63,310–11; renewed June 11, 1927.

Heckel, Wilhelm H., doing business as Wilhelm Heckel, Biebrich-on-the-Rhine, Germany. Wood-wind musical instruments and silver flutes. 225,015; Mar. 8; Serial No. 225,359; published Dec. 21, 1926.

Heins, Henry F. (See Siebert, Fred W.)

Heibein-Stone Company, Inc., New York, N. Y. Watches, watchcases, and watch movements. 224,958; Mar. 8; Serial No. 221,061; published Dec. 21, 1926.

Henrietta Mills, The, Henrietta and Caroleen, to The Henrietta Mills, Caroleen, N. C. Cotton sheetings, shirtings, and drills. 63,171; renewed June 11, 1927.

Hensley, J. C., doing business as The Clean Out Manufacturing Company, Oakland, Calif. Fly and insect killing powder. 224,943; Mar. 8; Serial No. 219,625; published Dec. 14, 1926.

Herschel, R., Manufacturing Company, Peoria, Ill. Mower and reaper knife sections. 60,798; renewed Feb. 19, 1927.

Hertz, Max, Leather Company, The, Newark, N. J. Leather. 224,816; Mar. 8; Serial No. 237,958; published Dec. 14, 1926.

Heurich, Chr., Brewing Company, Washington, D. C. Beer. 30,124; renewed June 1, 1927.

Heurich, Chr., Brewing Company, Washington, D. C. Beer and malt extracts. 30,153; renewed June 8, 1927.

Heyden Chemical Corporation. (See Chemische Fabrik von Heyden, Gesellschaft mit beschränkter Haftung, assignor.)

Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 225,030; Mar. 8; Serial No. 238,787; published Dec. 21, 1926.

Holley Canning Co., Inc., Holley, N. Y. Canned cherries, canned beets, canned string beans, etc. 224,826; Mar. 8; Serial No. 237,811; published Dec. 28, 1926.

Horlicks Food Co., assignor to Horlick's Malted Milk Corporation, Racine, Wis. Malted dry food extracts. 29,795; renewed Apr. 6, 1927.

Hosterman, Arthur D., assignor to The Cory-Kelm Publishing Co., Springfield, Ohio. Monthly magazine. 61,420; renewed Mar. 19, 1927.

Houbigant, Inc., New York, N. Y. Soaps. 225,026; Mar. 8; Serial No. 234,475; published Dec. 21, 1926.

Houghton, E. F., & Co., Philadelphia, Pa. Oils or the like. 225,022; Mar. 8; Serial No. 234,844; published Dec. 14, 1926.

Huffine Grain Company, Los Angeles, Calif. Poultry mashes and scratches. 225,071; Mar. 8; Serial No. 239,365; published Dec. 14, 1926.

Hughes, Ona. (See Currey, Herschel E.)

Hummel, Frank J., Pittsburgh, Pa. Tally sheets and tally pads. 224,909; Mar. 8; Serial No. 237,505; published Dec. 21, 1926.

Huntington, Harold O., Hillsboro, Oreg. Insecticides. 225,075; Mar. 8; Serial No. 239,306; published Dec. 14, 1926.

Illinois Clay Products Company, Joliet, Ill. Packaged modeling clay for kindergarten use. 224,898–9; Mar. 8; Serial Nos. 239,367–8; published Dec. 28, 1926.

Illinois Printing & Publishing Co., Chicago, Ill. Daily newspaper. 57,368; renewed Nov. 13, 1926.

Illinois Watch Case Company, Elgin, Ill. Watch movements and watchcases. 224,966; Mar. 8; Serial No. 237,551; published Dec. 21, 1926.

Independent Oil and Gas Company, Tulsa, Okla. Lubricating and fuel oils. 225,116; Mar. 8.

India Tire and Rubber Company, The, Mogadore and Akron, Ohio. Pneumatic automobile tires. 224,998; Mar. 8; Serial No. 239,752; published Dec. 21, 1926.

Indiana Produce Company, The, Huntingburg, Ind. Butter. 224,897; Mar. 8; Serial No. 239,416; published Dec. 21, 1926.

Ingersoll, Robt. H., Inc., New York, N. Y. Strops. 224,960; Mar. 8; Serial No. 236,753; published Dec. 21, 1926.

International Milling Company. (See New Prague Mill Company, assignor.)

International Milling Company. (See Wells Flour Milling Company, assignor.)

Irving Iron Works Company, Long Island City, N. Y. Metal gratings for floors and staircases. 224,833; Mar. 8; Serial No. 238,721; published Dec. 21, 1926.

Ivanhoe Mutual Orchards, Inc., Ivanhoe and Exeter, Calif. Fresh deciduous fruits and fresh citrons fruits and fresh grapes. 224,839; Mar. 8; Serial No. 238,552; published Dec. 28, 1926.

Jackson Company, assignor to Nashua Manufg. Company, Nashua, N. H. Cotton piece goods and cotton blankets. 62,554; renewed May 14, 1927.

Jackson Company, assignor to Nashua Manufg. Company, Nashua, N. H. Cotton piece goods. 63,047; renewed June 4, 1927.

Jameson, W. H., Corona, Calif. Oranges, lemons, and grapefruit. 225,083; Mar. 8; Serial No. 239,178; published Dec. 7, 1926.

Jevne, H., Co., Los Angeles, Calif. Canned fruits, vegetables, and fish. 224,986; Mar. 8; Serial No. 240,078; published Dec. 21, 1926.

Jewel Belting Company, Hartford, Conn. Leather belting. 29,909; renewed Apr. 27, 1927.

Joseph, William, doing business at W. Joseph Company, New York, N. Y. Fresh apples. 224,823; Mar. 8; Serial No. 237,911; published Dec. 21, 1926.

Jotoda Yeast Co. (See Donovan, Katherine T.)

K. & F. Vegetable Products Co., Philadelphia, Pa. Pure vegetable fat for baking, frying, cooking, and shortening. 224,894; Mar. 8; Serial No. 239,585; published Dec. 21, 1926.

Kakao-Kompagnie, Theodor Reichardt, G. m. b. H. Wandsbek-Hamburg, Germany. Cocoa powder and cocoa products. 224,935–6; Mar. 8; Serial Nos. 235,647–8; published Dec. 14, 1926.

Kempner, Joseph, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Composition for manufacturing glass batch. 29,552; renewed Feb. 2, 1927.

Kendrick & Davis, assignor to Kendrick and Davis Company, Lebanon, N. H. Watchmakers' hand tools. 62,434; renewed May 7, 1927.

Kenyon, C., Company, Inc., New York and Brooklyn, N. Y. Rubber or rubber and fabric tires and tubes for vehicles. 224,985; Mar. 8; Serial No. 240,079; published Dec. 21, 1926.

Kenyon, T. N. (See Reardon, John J., and Thomas Kenyon.)

Kestner, J. D., jr., Waltershausen, Germany. Kid-body bisque-head dolls. 29,129; renewed Nov. 10, 1926.

Keys & Lockwood, New York, N. Y. Woolen piece goods. 225,100; Mar. 8.

Kleckner, Irving, doing business at I. Kleckner Company and the Kleco Company, Brooklyn, N. Y. Nail polish, nail-polish remover, face and talcum powder, face creams, etc. 224,817; Mar. 8; Serial No. 237,966; published Dec. 14, 1926.

Klotz Silk Manufacturing Co. Inc., Clifton, N. J. Broad silk fabrics, all silk, crepe faille. 225,036; Mar. 8; Serial No. 238,319; published Dec. 21, 1926.

Kohler, Sterling W., Yoe, Pa. Cigars. 224,905; Mar. 8; Serial No. 239,181; published Dec. 28, 1926.

Koken Companies, St. Louis, Mo. Razor strops. 225,094; Mar. 8; Serial No. 238,981; published Dec. 14, 1926.

Korn, William, New York, N. Y. Crayons, inks, and similar articles used in lithography. 30,215; renewed June 15, 1927.

Krisp, Kurt, doing business at Kukirol-Fabrik Kurt Krisp, Gross-Salze, near Magdeburg, Germany. Corn plasters, foot-bath powders, and toilet powders. 224,947; Mar. 8; Serial No. 217,160; published Dec. 14, 1926.

Kukirol-Fabrik Kurt Krisp. (See Krisp, Kurt.)

Lain, Chin, doing business as The Asia Commercial Company, Shanghai, China, and San Francisco, Calif. 224,802; Mar. 8; Serial No. 236,277; published Nov. 30, 1926.

Lakeside Packing Company, Manitowoc, Wis. Canned vegetables and pickles. 225,010; Mar. 8; Serial No. 230,930; published Dec. 21, 1926.

Larned Company, The, Detriot, Mich. Medicinal preparation for the treatment of colds and headaches. 224,925; Mar. 8; Serial No. 236,648; published Dec. 21, 1926.

Lawrence, W. W., & Company, Pittsburgh, Pa. Paint enamels. 224,821; Mar. 8; Serial No. 238,322; published Dec. 21, 1926.

Leviner, R. L., Osborne, N. C. Preparation for use in the treatment of cancer. 224,841; Mar. 8; Serial No. 232,732; published Dec. 14, 1926.

Lilly, Eli, & Company, The, assignor to Eli Lilly and Company, Indianapolis, Ind. Medicinal preparations. 61,924; renewed Apr. 9, 1927.

Link-Belt Company, Chicago, Ill.; Philadelphia, Pa.; and Indianapolis, Ind., to Link-Belt Company, Chicago, Ill. Drive chains and conveyer chains. 63,003; renewed June 4, 1927.

Link-Belt Company, Chicago, Ill.; Philadelphia, Pa.; and Indianapolis, Ind., to Link-Belt Company, Chicago, Ill. Drive chains, conveyer chains, and chain cables. 63,503; renewed June 25, 1927.

Link-Belt Company, Chicago, Ill; Philadelphia, Pa.; and Indianapolis, Ind., to Link-Belt Company, Chicago, Ill. Certain machinery and parts thereof. 63,609; renewed July 2, 1927.

Lloyd, Charles L., doing business as Nu-Enamel Paint Company, Dallas, Tex. Automobile and metal enamels and varnishes. 225,101; Mar. 8.

Locke, H. E., & Co. Inc., Boston, Mass. Cotton and linen thrend. 224,989; Mar. 8; Serial No. 239,940; published Dec. 21, 1926.

L'Opinione Italian Publishing Co., Philadelphia, Pa. Newspaper. 63,099; renewed June 4, 1927.

Lubricant Laboratories, Inc., Boston, Mass. Preparation for cleaning oil-gummed brakes, clutches, etc. 224,791; Mar. 8; Serial No. 238,660; published Dec. 21, 1926.

Luyties, Herman C. G., and Frederick A. Luyties, St. Louis, Mo., assignor to The Sanitol Company, New York, N. Y. Dentifrice. 29,840; renewed Apr. 13, 1927.

Lyon Brothers Millinery Company, Kansas City, Mo. Trimmed hats. 225,087; Mar. 8; Serial No. 239,124; published Dec. 21, 1926.

Maas, N. W., & Sons, Bolivar, Mo. Butter and ice cream. 225,116; Mar. 8.

Maatschappij tot Vervaardiging van Fijn Aardewerk en Ceramieke Voortbrengselen van alle Soorten, Genaamd "Société Céramique." (See Société Anonyme pour la Fabrication des Faiences fines et Produits Céramiques.)

Macfadden Publications, Incorporated, New York, N. Y. Comic strip. 225,034; Mar. 8; Serial No. 238,727; published Dec. 21, 1926.

Mack, Horace M. B., doing business as Mack The Coffee Man, Lancaster, Pa. Coffee. 224,813; Mar. 8; Serial No. 221,184; published Dec. 28, 1926.

Maison Pierre Bardou-Job, Perpignan, assignor to Societe Job Anciens Etablissements Bardou-Job & Paulhac, Perpignan and Toulouse, France. Tobacco, cigars, and cigarettes. 63,177; renewed June 11, 1927.

Mandell, S. Budd, doing business as K. Mandell & Company, New York, N. Y. Wheat flour, coffee, and tea. 225,039; Mar. 8; Serial No. 238,327; published Dec. 14, 1926.

Manning, Rollo G., Toledo, Ohio, assignor, by mesne assignments, to Hamilton Manufacturing Co., Two Rivers, Wis. Drawing tables and filing cases. 59,036; renewed Jan. 1, 1927.

Marion Steam Shovel Company, The, Marion, Ohio. Publication. 225,055; Mar. 8; Serial No. 237,817; published Dec. 14, 1926.

Marshall, Jean H., doing business as Marshall Products Company, New York, N. Y. Cigarette and cigar rest, holder for match boxes, ash and stub containers. 225,112; Mar. 8.

Mary Helen Coal Corporation, The, Coalgood, Ky. Coal. 225,059; Mar. 8; Serial No. 238,065; published Dec. 7, 1926.

Mascolo, Emil, doing business as C. Mascolo Bottling Works, Waterbury, Conn. Beverages. 224,890; Mar. 8; Serial No. 240,083; published Dec. 28, 1926.

McAnsh, Andrew, Chicago, Ill. Publication. 224,914; Mar. 8; Serial No. 221,625; published Dec. 21, 1926.

McComb Coffee Co., McComb, Miss. Compound of coffee and chicory. 225,021; Mar. 8; Serial No. 234,857; published Dec. 7, 1926.

McCreery, James, & Company, New York, N. Y. Sheets and pillowcases of muslin. 224,864; Mar. 8; Serial No. 237,679; published Dec. 7, 1926.

McKelvie Publishing Company, The, Lincoln, Nebr. Magazine. 224,971; Mar. 8; Serial No. 237,464; published Dec. 21, 1926.

McMillan, P. D., doing business as South Hollandale Marketing Association, Hollandale, Minn. Fresh vegetables. 224,918; Mar. 8; Serial No. 237,465; published Dec. 28, 1926.

Mei-Hwa Fur Trading Corporation, New York, N. Y. Unfinished furs and skins. 225,014; Mar. 8; Serial No. 229,746; published Dec. 21, 1926.

Men's Wear Service Corporation, Chicago, Ill. Magazine. 224,976; Mar. 8; Serial No. 237,184; published Dec. 14, 1926.

Merck, Firm of E., The, Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Chemicals having a narcotic influence. 29,658; renewed Mar. 9, 1927.

Metalastic Inc., Jersey City, N. J. Bushings. 224,992; Mar. 8; Serial No. 239,890; published Dec. 21, 1926.

Metz, H. A., Laboratories, Inc., New York, N. Y. Organic iodine compound. 224,955; Mar. 8; Serial No. 225,233; published Dec. 21, 1926.

Meyer, M. J. & H. J., Co., New York, N. Y. Canned caviar. 224,820; Mar. 8; Serial No. 238,330; published Dec. 28, 1926.

Michigan Alkali Company, Wyandotte, Mich. Caustic soda, soda ash, and bicarbonate of soda. 224,848; Mar. 8; Serial No. 231,157; published Dec. 21, 1926.

Midland Chemical Laboratories, Inc., Dubuque, Iowa. Insecticide, disinfecting, fumigating, deodorizing, and antiseptic preparations, etc. 224,959; Mar. 8; Serial No. 236,764; published Dec. 21, 1926.

Milbury Atlantic Manufacturing Co., The, New York, N. Y. Bathing suits, caps, shoes, etc. 225,027; Mar. 8; Serial No. 217,680; published Nov. 23, 1926.

Milky-Way Company, Inc., The, Chicago, Ill. Massage and cleansing cream, etc. 225,082; Mar. 8; Serial No. 239,187; published Dec. 14, 1926.

Miller, Charles N., Co., Boston, Mass. Candy. 225,038; Mar. 8; Serial No. 238,331; published Dec. 7, 1926.

Miller Coke Corporation, New York, N. Y. Coke. 225,056; Mar. 8; Serial No. 237,869; published Dec. 14, 1926.

Milwaukee Corrngating Company, Milwaukee, Wis. Metal lath. 224,909; Mar. 8; Serial No. 238,989; published Dec. 21, 1926.

Missouri-Kansas-Texas Railroad Company, St. Louis, Mo. Booklets, circulars, and pamphlets. 224,857; Mar. 8; Serial No. 233,279; published Nov. 23, 1926.

Mobilax Manufacturing Co., Inc., New York and Bronx, N. Y. Preparation for the treatment of sour stomach, bad breath, headache, etc. 224,872; Mar. 8; Serial No. 223,857; published Dec. 21, 1926.

Modesto Fruit Exchange, Modesto, Calif. Fresh deciduous fruit. 224,870; Mar. 8; Serial No. 233,218; published Dec. 14, 1926.

Mohawk Condensed Milk Co., Rochester, N. Y., to Mohawk Condensed Milk Company, Oconomowoc, Wis. Condensed milk. 30,240; renewed June 22, 1927.

Mohawk Condensed Milk Co., Rochester, N. Y., to Mohawk Condensed Milk Company, Oconomowoc, Wis. Evaporated and condensed milk and evaporated and condensed cream. 62,043; Apr. 16, 1927.

Morse Twist Drill & Machine Company, New Bedford, Mass. Chucks, arbors, and mandrels. 59,614; renewed Jan. 15, 1927.

Mühlens, Paul P., doing business as Eau de Cologne- & Parfümerie-Fabrik, Cologne, Germany. Shampoo powder. 224,877; Mar. 8; Serial No. 227,132; published Oct. 5, 1926.

Munter, Milton M., doing business as Disney, Ltd., Brooklyn, N. Y. Toilet preparations. 224,795; Mar. 8; Serial No. 238,606; published Dec. 21, 1926.

Myers, Lewis E., & Company, Valparaiso, Ind. Toy airplanes. 224,838; Mar. 8; Serial No. 238,690; published Dec. 28, 1926.

Nachfolger, Martin W., Cassel, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Stethoscopes or instruments for rendering audible sounds in the human body. 29,723; renewed Mar. 23, 1927.

Nashoba Apple Packing Association Incorporated, Littleton, Mass. Fresh apples. 224,913; Mar. 8; Serial No. 221,632; published Dec. 7, 1926.

Nashua Manufg. Company. (See Jackson Company, assignor.)

National Starch Manufacturing Company, The, Covington, Ky., and New York, N. Y., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Corn flour and cornstarch and laundry starch. 30,327; renewed July 6, 1927.

New Orleans Association of Master Plumbers, New Orleans, La. Monthly trade paper. 224,831; Mar. 8; Serial No. 238,338; published Dec. 21, 1926.

New Prague Flouring Mill Company, New Prague, assignor to International Milling Company, Minneapolis, Minn. Wheat flour. 61,905–6; renewed Apr. 9, 1927.

New York Merchandise Company, New York, N. Y. Toothbrushes. 225,120; Mar. 8.

Niolon, A. H., & Son, Inc., Meridian, Miss. Compound of coffee and chicory. 225,078; Mar. 8; Serial No. 239,259; published Dec. 21, 1926.

Northern Mercantile Co., Inc., New York, N. Y. Dried apples. 224,983–4; Mar. 8; Serial Nos. 240,085–6; published Dec. 21, 1926.

Norwich Pharmacal Company, The, Norwich, N. Y. Pepto-bismol, a liquid demulcent preparation. 224,933; Mar. 8; Serial No. 236,388; published Dec. 14, 1926.

Noxzema Chemical Co., Baltimore, Md. Skin cream, talcum powder, tooth paste, laxative tablets, and shampoo preparation. 225,012; Mar. 8; Serial No. 230,679; published Dec. 14, 1926.

Nu-Enamel Paint Cimpany. (See Lloyd, Charles L.)

Ohio Brass Company, The, Mansfield, Ohio. Electrical insulating compositions and compounds. 224,790; Mar. 8; Serial No. 238,663; published Dec. 21, 1926.

Oklahoma Portland Cement Company, Ada, Ind. T., to Oklahoma Portland Cement Company, Ada, Okla. Portland cement. 63,506; renewed June 25, 1927.

Old Straight Creek Coal Corporation, Charlestown, W. Va.; Cary, Ky.; and Cincinnati, Ohio. Coal. 224,829; Mar. 8; Serial No. 238,194; published Dec. 7, 1926.

Old Straight Creek Coal Corporation, Charleston, W. Va.; Cary, Ky.; and Cincinnati, Ohio. Coal. 225,051–2; Mar. 8; Serial Nos. 238,192–3 published Dec. 7, 1926.

Old Virginia Packing Co., Inc., Front Royal, Va. Fruit jams. 224,901; Mar. 8; Serial No. 230,312; published Dec. 28, 1926.

Oneida Community, Limited, Oneida, N. Y. Silver-plated flatware, tableware, hollow ware, and cutlery. 224,923; Mar. 8; Serial No. 237,750; published Dec. 21, 1926.

Osgood, C. H. & F. L., to Osgood's India Cholagogue, Incorporated, Norwich, Conn., successor. Fever and ague remedies. 63,287; renewed June 11, 1927.

O'Sullivan Rubber Company, Inc., New York, N. Y. Composition blanks from which are cut rubber heels and soles. 225,025; Mar. 8; Serial No. 234,483; published Dec. 14, 1926.

Out West Manufacturing Co., Denver, Colo. Treated dust cloths, brake dressing, enamel cleaner, etc. 224,814; Mar. 8; Serial No. 220,861; published Feb. 23, 1926.

Pacific Marine Supply Co., Seattle, Wash. Plated music wire, linen leader line, fishing flies, etc. 224,908; Mar. 8; Serial No. 238,993; published Dec. 28, 1926.

Paist, F. M., Company, Philadelphia, Pa. Candy. 224,886; Mar. 8; Serial No. 240,210; published Dec. 28, 1926.

Palmer, Isaac E., assignor to The I. E. Palmer Company, Middletown, Conn. Open-mesh fabric for protection against insects. 60,136; renewed Jan. 29, 1927.

Palmolive Company, The, Chicago, Ill. Soap. 225,086; Mar. 8; Serial No. 239,135; published Dec. 14, 1926.

Pan-American Feed Milling Company, Kansas City, Mo. Tankage and dry feed meal. 224,964; Mar. 8; Serial No. 236,654; published Dec. 14, 1926.

Paraffine Companies, Inc., The, San Francisco, Calif. Prepared floor covering. 224,982; Mar. 8; Serial No. 240,089; published Dec. 21, 1926.

Parfumerie Roger et Gallet, Paris, France. Cosmetics, pastes, powders, and toilet preparations. 224,824; Mar. 8; Serial No. 237,875; published Nov. 16, 1926.

Parfumerie Roger et Gallet, Paris, France. Cosmetics, pastes, powders, and toilet preparations. 224,825; Mar. 8; Serial No. 237,873; published Nov. 16, 1926.

Parfumerie Roger et Gallet, Société Anonyme, Paris, France. Pastes and powders for beautifying and preserving the teeth, skin, and hair, and perfumery. 225,077; Mar. 8; Serial No. 239,263; published Dec. 21, 1926.

Parker-Russell Mining & Mfg. Co., The, St. Louis, Mo. High-temperature cements to be used for brickwork on the interior of furnaces. 225,013; Mar. 8; Serial No. 230,499; published Dec. 14, 1926.

Pa-Tro Company, The. (See Stratton, Harper E.)

Payne, Burgess, doing business as Shoshone Mineral Products Co. (Not Inc.), Chicago, Ill. Mineral detergent. 224,916; Mar. 8; Serial No. 238,557; published Dec. 21, 1926.

Peerless Rubber Mfg. Co., The, New York, N. Y., assignor to United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Packing, gaskets, and rubber compound. 29,620; renewed Mar. 2, 1927.

Pelling, Stanley & Co. Ltd., Liverpool, England. Canned salmon. 225,100; Mar. 8.

Perco Cereal Co., Inc., Fort Worth, Tex. Breakfast cereal compounds. 225,062; Mar. 8; Serial No. 239,674; published Dec. 21, 1926.

Perrigo, L., Company, Allegan, Mich. Candy laxative. 224,879; Mar. 8; Serial No. 228,389; published Dec. 21, 1926.

Pfeifer, Frank, doing business as Fire Frost Sales Co., Minneapolis, Minn. Radiator nonfreezing solution. 224,941; Mar. 8; Serial No. 228,828; published Dec. 21, 1926.

Phi Delta Theta, Oxford, Ohio. Fraternity badges, lapel buttons, etc. 224,978; Mar. 8; Serial No. 237,131; published Dec. 21, 1926.

Pierce, Geo. N., & Co., to The Pierce-Arrow Motor Car Company, Buffalo, N. Y., successor. Bicycles, velocipedes, and similar vehicles. 28,257; renewed May 12, 1926.

Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. 225,096; Mar. 8; Serial No. 238,867; published Dec. 14, 1926.

Piquett, Louisa F., to M. A. Piquett, Baltimore, Md., successor. Antiseptic compound. 63,583; renewed June 25, 1927.

Pollack, Augustus, deceased. (See Hazlett, H., administrator.)

Porges & Levy, New York, N. Y. Spanish sherry wine with salt for cooking purposes. 224,934; Mar. 8; Serial No. 235,706; published Dec. 14, 1926.

Potter & Wrightington, assignor to Potter-Wrightington, Inc., Boston, Mass. Wheat and rye preparations and bakery products. 59,313; renewed Jan. 8, 1927.

Potter & Wrightington, assignor to Potter-Wrightington, Inc., Boston, Mass. Wheat coffee. 60,489; renewed Feb. 12, 1927.

Prang Company, The, Chicago, Ill. Art products—namely, paste. 224,962; Mar. 8; Serial No. 236,710; published Dec. 7, 1926.

Price, Ralston R., doing business as Regina Root-Beer Co., Spokane, Wash. Root beer. 224,878; Mar. 8; Serial No. 236,851; published Dec. 21, 1926.

Proctor & Gamble Company, The, Cincinnati, Ohio. Soap. 225,057; Mar. 8; Serial No. 237,921; published Dec. 21, 1926.

Protectoseal Company of America, Inc., Chicago, Ill. Metallic liquid receptacles and attachments. 224,912; Mar. 8; Serial No. 222,279; published Dec. 21, 1926.

Protexol Corporation, Kenilworth, N. J. Coal-tar paint. 224,932; Mar. 8; Serial No. 236,391; published Dec. 14, 1926.

Putnam-Hooker Company, The, Cincinnati, Ohio, and New York, N. Y. Waterproof and water-repellent textiles used for tarpaulins, camp equipment, etc. 224,836; Mar. 8; Serial No. 237,695; published Dec. 14, 1926.

Quaker Oats Company, The. (See American Cereal Company, The, assignor.)

Quigley Furnace Specialties Company, Inc., New York, N. Y. Bituminous compound for the protection of metal against corrosion. 224,973; Mar. 8; Serial No. 237,335; published Dec. 21, 1926.

Quinby, W. S., Company, assignor to W. S. Quinby Company, Boston, Mass. Coffee and tea. 61,616; renewed Mar. 26, 1927.

Quinby, W. S., Company, assignor to W. S. Quinby Company, Boston, Mass. Coffee and tea. 61,864; renewed Apr. 9, 1927.

Raspe, Carl, Weissensee, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Chemical preparations. 29,728; renewed Mar. 23, 1927.

Reardon, John J., and Thomas Kenyon, to T. N. Kenyon, Minneapolis, Minn., successor. Remedies for catarrh, hay fever, colds, and diseases of the nose, throat, and lungs. 29,832; renewed Apr. 13, 1927.

Redlands Co-Operative Fruit Association, Redlands, Calif. Fruits. 224,981; Mar. 8; Serial No. 240,094; published Dec. 21, 1926.

Refiners Oil Co., The, Dayton, Ohio. Lubricating oils and greases and gasoline. 224,832; Mar. 8; Serial No. 238,812; published Dec. 21, 1926.

Regina Root-Beer Co. (See Price, Ralston R.)

Reichmann Company, Chicago, Ill. Radio receiving sets, loud speakers, antenna, transformers, etc. 225,017; Mar. 8; Serial No. 230,356; published Dec. 21, 1926.

Remington Arms Company, New York and Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn., and New York and Ilion, N. Y. Shotguns, pistols, revolvers, and rifles. 60,248; renewed Jan. 29, 1927.

Robinette's, Inc., Seattle, Wash. Candy. 224,907; Mar. 8; Serial No. 230,139; published Dec. 28, 1926.

Roddenbery Bros., Cairo, Ga. Table sirup. 225,033; Mar. 8; Serial No. 238,743; published Dec. 14, 1926.

Rogers, James H., doing business as Rogers Timely Printing Service, Quincy, Mass. Printed forms and blanks. 224,924; Mar. 8; Serial No. 237,765; published Dec. 14, 1926.

Roofings Incorporated, New York, N. Y. Asphalt and asphalt felt. 224,794; Mar. 8; Serial No. 238,619; published Dec. 14, 1926.

Ross, W. A., & Sons Limited, Belfast, Ireland. Ginger ale, lemonade, and soda water. 30,123; renewed June 1, 1927.

Roycrofters, The, East Aurora, N. Y. Monthly publication. 225,020; Mar. 8; Serial No. 234,873; published Oct. 12, 1926.

Rubin, Joseph, doing business as Texstyle Art Co., New York, N. Y. Artists' sets containing plastic relief paint, bronze, brushes, and dyes for painting sold as a unit. 225,095; Mar. 8; Serial No. 238,921; published Dec. 14, 1926.

Safeway Stores, Incorporated, Los Angeles, Calif. Grape juice. 224,893; Mar. 8; Serial No. 239,598; published Dec. 21, 1926.

Sanborn-Cutting Company, Astoria, Oreg. Canned vegetables and berries. 224,871; Mar. 8; Serial No. 223,870; published Dec. 7, 1926.

Sanitol Company, The. (See Luyties, Herman C. G., and Frederick A. Luyties, assignor.)

Sarna, S. S., San Francisco, Calif. Textile rugs, curtains, table covers, and bedspreads. 224,801; Mar. 8; Serial No. 234,450; published Dec. 21, 1926.

Sayles, Frank A., Saylesville, R. I., assignor, by mesne assignments, to Sayles Finishing Plants, Inc., Saylesville, R. I., and New York, N. Y. Finished cloths. 29,815; renewed Apr. 13, 1927.

Schell-Sasse Manufacturing Company, Jacksonville, Fla. Sashes and doors, window and door frames, stairways, etc. 224,798; Mar. 8; Serial No. 238,560; published Dec. 14, 1926.

Schellhase, Betsy A., New York, N. Y. Title of a newspaper column appearing periodically. 224,861; Mar. 8; Serial No. 238,528; published Dec. 21, 1926.

Schmetz, Ferd., Aix-la-Chapelle and Herzogenrath, to Ferd. Schmetz, Aachen and Herzogenrath, Germany. Porcelain buttons and oriental pearls. 29,472; renewed Jan. 12, 1927.

Scholl Manufacturing Company, Inc., Chicago, Ill. Pads and plasters for corns, etc. 224,953; Mar. 8; Serial No. 199,256; published Sept. 2, 1924.

Schreiber Products Corporation, Buffalo, N. Y. Nose and throat spray. 225,001; Mar. 8; Serial No. 239,722; published Dec. 21, 1926.

Schreiber Products Corporation, Buffalo, N. Y. Powdered barley-malt extract. 225,047; Mar. 8; Serial No. 238,401; published Dec. 14, 1926.

Schwab, Jules, doing business as Jules Schwab & Co., New York, N. Y. Bracelets, brooches, bar pins, necklets, etc. 224,830; Mar. 8; Serial No. 238,342; published Dec. 21, 1926.

Scovil, D. & H., to D. & H. Scovil, Inc., Higganum, Conn., successor. Hoes. 29,529; renewed Jan. 26, 1927.

Security Mills, Inc., Newton, Mass., and New York, N. Y. Dresses and hats for women and children, and coats, suits, jackets, etc., of knitted fabrics. 225,118; Mar. 8.

Selby Shoe Co., The, Portsmouth, Ohio. Leather boots and shoes. 64,022; renewed July 16, 1927.

Shaw, A. W., Company, Chicago, Ill. Magazine. 224,974; Mar. 8; Serial No. 237,289; published Dec. 21, 1926.

Shay-Cuprite Laboratories Inc., Hartford, Conn. Preservative paints. 224,828; Mar. 8; Serial No. 238,196; published Dec. 14, 1926.

Shere Metal Products Corp., Oakland, Calif. Flexible metal conduits for grease guns. 225,011; Mar. 8; Serial No. 230,768; published Dec. 21, 1926.

Shoshone Mineral Products Co. (Not Inc.) (See Payne, Burgess.)

Siebert, Fred W., to H. F. Heins, Yonkers, N. Y., successor. Sliced smoked beef. 61,069; renewed Mar. 5, 1927.

Simmons, John, Co., New York, N. Y. Wrought-iron pipes and fittings. 30,131; renewed June 1, 1927.

Simpson, W. Earl, St. Clairsville, Ohio. Dog kennels. 224,793; Mar. 8; Serial No. 238,623; published Dec. 14, 1926.

Siracode Signal Corporation, San Francisco, Calif. Signal horns and sirens electrically operated. 224,843; Mar. 8; Serial No. 232,102; published Dec. 21, 1926.

Slauson, A. & Co., to Hawley & Hoops, New York, N. Y., successor. Candy. 63,511; renewed June 25, 1927.

Slemmer, Harry, doing business as The H. Slemmer Flour Mills, Okeene, Okla. Wheat flour and pure rye flour. 224,965; Mar. 8; Serial No. 237,570; published Dec. 14, 1926.

Slocum, T. A., Co., New York, N. Y. Medicine. 63,587; renewed June 25, 1927.

Smith, J. Allen, & Company, Knoxville, Tenn. Wheat flour. 224,910; Mar. 8; Serial No. 238,886; published Dec. 21, 1926.

Smith, W. F., and Company, McMinnville, Oreg. Canned chicken. 225,076; Mar. 8; Serial No. 239,273; published Dec. 7, 1926.

Société Anonyme Mido (Aktiengesellschaft Mido) (Mido Limited), Solothurn, Switzerland. Watches and chronometers, watch movements, watchcases, etc. 224,024; Mar. 8; Serial No. 234,491; published Dec. 21, 1926.

Société Anonyme pour la Fabrication des Faiences fines et Produits Céramiques, to Maatschappij tot Vervaardiging van Fijn Aardewerk en Ceramieke Voortbrengselen van alle Soorten, Genaamd "Société Céramique", Maestricht, Netherlands, successor. Fine pottery and ceramic products of all kinds. 59,679; renewed Jan. 15, 1927.

Societe Dr. Fumouze & Cie., Paris, France. Antiseptic and healing powder. 225,048; Mar. 8; Serial No. 238,405; published Dec. 21, 1926.

Societe Job Anciens Etablissements Bardou-Job & Paulhac. (See Maison Pierre Bardou-Job, assignor.)

South Hollandale Marketing Association. (See McMillan, P. D.)

Southern Canning & Packing Co., Wilmington, N. C. Cold-pack fruits and berries. 225,023; Mar. 8; Serial No. 234,636; published Dec. 21, 1926.

Southland Fruit & Vegetable Exchange, Inc., McAllen, Tex. Fresh citrous fruits and fresh vegetables. 224,980; Mar. 8; Serial No. 240,100; published Dec. 21, 1926.

Southwest Magazine Company, Fort Worth, Tex. Monthly magazine. 225,064; Mar. 8; Serial No. 239,630; published Dec. 14, 1926.

Split-Stem-Pipe Corporation, New York, N. Y. Pipes. 224,949; Mar. 8; Serial No. 215,882; published Dec. 21, 1926.

Sprague, Warner & Company. (See Union Bag and Paper Company, The, assignor.)

Standard Oil Company (New Jersey), Bayonne, N. J. Oils and greases. 224,804; Mar. 8; Serial No. 228,447; published Aug. 17, 1926.

Standard Varnish Works, New York, N. Y. Certain painters' materials. 63,350; renewed June 18, 1927.

Stansbury Drug Co., The, Middleport, Ohio. Cough sirup, arnica lotion, headache tablets, etc. 224,860; Mar. 8; Serial No. 238,532; published Dec. 14, 1926.

Sterling Knit Goods Co., Boston, Mass., to Sterling Knit Goods Company, Cambridge, Mass. Knit union or combination undergarments and sweaters. 62,439; renewed May 7, 1927.

Stern & Saalberg Company, The, assignor to The Sweets Company of America, Incorporated, New York, N. Y. Pulling candies. 62,179; renewed Apr. 23, 1927.

Sternfeld, Julius, Inc., New York, N. Y. Perforating machines. 224,799; Mar. 8; Serial No. 237,138; published Dec. 21, 1926.

Sterrett & Fleming, Inc., Washington, D. C. Used or secondhand motor vehicles. 225,000; Mar. 8; Serial No. 239,726; published Dec. 21, 1926.

Stratford-Cookson Company, Philadelphia, Pa. Compound for the treatment of the nerves of the teeth. 225,032; Nov. 8; Serial No. 238,750; published Dec. 21, 1926.

Stratton, Harper E., doing business as The Pa-Tro Company, Port Homer, Ohio. Preparation used in the treatment of inflammation and congestion of the respiratory organs, etc. 224,868; Mar. 8; Serial No. 232,798; published Dec. 14, 1926.

Sun-Maid Raisin Growers of California, Fresno, Calif. Raisins. 224,807; Mar. 8; Serial No. 227,695; published Dec. 28, 1926.

Sun Storage Battery Co. (See Auerbach, Walter M.)

Susu Nut Co., The, Chicago, Ill. Salted peanuts and milk-chocolate peanuts. 225,091; Mar. 8; Serial No. 239,071; published Dec. 7, 1926.

Sweets Company of America, Incorporated, The. (See Stern & Saalberg Company, assignor.)

Taylor Bros., Camden, N. J. Nutritive and tonic foods for poultry and pigeons. 63,425; renewed June 18, 1927.

Texstyle Art Co. (See Rubin, Joseph.)

Thoumalan, Armen H., Baltimore, Md. Prepared beverages made from milk and cream. 63,739; renewed July 2, 1927.

Time-Ad Corporation, New York, N. Y. Clocks. 225,041; Mar. 8; Serial No. 238,291; published Dec. 21, 1926.

Toledo Scale Company, Toledo, Ohio. Weighing scales, machines, and apparatus, counting machines, etc. 224,940; Mar. 8; Serial No. 235,084; published Nov. 2, 1926.

Topp's Dressing Co., to Topp's Stone Dressing Co., Louisville, Ky., successor. Preparation for whitening stonework. 28,835; renewed Sept. 1, 1926.

Toxalin Chemical Co., Washington, D. C. Tonic. 224,939; Mar. 8; Serial No. 235,186; published Dec. 21, 1926.

Trigg, Dobbs & Company, Chattanooga, Tenn. Coffee. 224,884; Mar. 8; Serial No. 240,325; published Dec. 28, 1926.

Trucraft Curtains, Inc., New York, N. Y. Lace and textile curtains, laces in the piece, and made up in table pieces and bedspreads. 224,882; Mar. 8; Serial No. 238,878; published Dec. 21, 1926.

Twilight Sleep Company, Inc The, Portland, Oreg. Anæsthetic used in dentistry. 225,108; Mar. 8.

2 Tube Company, Chicago, Ill. Prophylactics. 225,107; Mar. 8.

Union Bag and Paper Company, The, New York, N. Y., assignor to Sprague, Warner & Company, Chicago, Ill. Paper bags, wrapping paper, and paperboards. 62,141; renewed Apr. 23, 1927.
Union Card & Paper Co., New York, N. Y. Bond, ledger, linen, and writing papers. 63,181; renewed June 11, 1927.
Union Paper & Twine Company, The, Cleveland, Ohio. Felt roofing. 62,666; renewed May 21, 1927.
United States Graphite Co., The, Saginaw, Mich. Lubricants. 61,816; renewed Apr. 9, 1927.
United States Graphite Co., The, Saginaw, Mich. Graphite paint and pipe "cement." 62,971; renewed June 4, 1927.
United States Graphite Co., The, Saginaw, Mich. Silverlead or plumbago foundry facings and pulverized graphite. 62,978; renewed June 4, 1927.
United States Rubber Company. (See Peerless Rubber Mfg. Co., The, assignor.)
Vacuum Oil Company, Rochester, to Vacuum Oil Company, New York, N. Y. Lubricants. 30,162; renewed June 8, 1927.
Valentin Blatz Brewing Company, Milwaukee, Wis. Malt sirup for food purposes. 225,081; Mar. 8; Serial No. 239,207; published Dec. 14, 1926.
Varney, George, El Centro, Calif. Trading stamps. 224,970; Mar. 8; Serial No. 237,483; published Dec. 14, 1926.
Vegetarian Food and Nut Co., Inc., Washington, D. C. Peanut-butter sandwiches. 224,929; Mar. 8; Serial No. 236,517; published Nov. 23, 1926.
Veitch (Chemist) Limited, Burnley, England. Ointment for eczema. 225,043; Mar. 8; Serial No. 238,198; published Dec. 14, 1926.
Vicam Photo Appliance Corporation, Philadelphia, Pa. Cameras. 225,105; Mar. 8.
Virginia Splits, Inc., New York, N. Y. Cigarettes. 224,911; Mar. 8; Serial No. 238,927; published Dec. 28, 1926.
Von Wülfing, Johann A., Berlin, Germany. Water-soluble preparation containing cell-building proteid substances. 225,018; Mar. 8; Serial No. 229,067; published Dec. 14, 1926.
Walker, W. & F., to W. & F. Walker Limited, Liverpool, England, successor. Liquid and other soaps. 29,022; renewed Oct. 20, 1926.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Perfumes and toilet creams. 225,003; Mar. 8; Serial No. 239,687; published Dec. 21, 1926.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Soaps. 225,004; Mar. 8; Serial No. 239,686; published Dec. 14, 1926.
Washburn, F. B., & Co. "Corporation", Brockton, Mass. Biscuits. 29,949; renewed May 4, 1927.
Webster, F. S., Company, Boston, Mass.; New York, N. Y.; Chicago, Ill.; and London, England, assignor to F. S. Webster Company, Boston, Mass. Duplicating devices. 30,260; renewed June 29, 1927.
Wedgwood, Josiah, & Sons Ltd. Etruria, England. Earthenware and porcelain. 62,522; renewed May 14, 1927.
Wells, Ephraim S., assignor to William H. Wells and George T. Wells, executors and trustees under the will of Ephraim S. Wells, Jersey City, N. J. Rat, vermin, and insect destroyers and exterminators. 59,991; renewed Jan. 22, 1927.
Wells, Ephraim S., assignor to William H. Wells and George T. Wells, executors and trustees under the will of Ephraim S. Wells, Jersey City, N. J. Medicines. 62,289; renewed Apr. 23, 1927.
Wells Flour Milling Company, Wells, assignor to International Milling Company, Minneapolis, Minn. Wheat flour. 61,915–16; renewed Apr. 9, 1927.
Welt-Wachs-Werk Egbert Günther Söhne, Dresden, Germany. Shoe polish, leather cleaning and conserving preparations. 224,847; Mar. 8; Serial No. 231,508; published Dec. 21, 1926.
Western Cartridge Company, East Alton, Ill. Shot shells, gun wads, rifle cartridges, shot, smokeless and semismokeless powders. 224,874; Mar. 8; Serial No. 222,897; published Dec. 21, 1926.
Western Laboratories, Inc., Chicago, Ill. Face powder. 225,074; Mar. 8; Serial No. 239,339; published Dec. 28, 1926.
Western Pharmacal Company, Salt Lake City, Utah. Granular effervescent blood salts. 225,080; Mar. 8; Serial No. 239,210; published Dec. 14, 1926.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric-lighting fixtures and electric-lighting-fixture units. 225,090; Mar. 8; Serial No. 239,072; published Dec. 21, 1926.
Whaley Mill & Elevator Co., Gainesville, Tex. Wheat flour. 62,669; renewed May 21, 1927.
Whaley Mill & Elevator Co., Gainsville, Tex. Wheat flour. 62,737; renewed May 21, 1927.
Williams, John W., Boston, Mass. Cleanser for automobiles and furniture, pianos, paintings, etc. 224,951; Mar. 8; Serial No. 207,323; published Dec. 21, 1926.
Wilson, Alex, Company, Cincinnati, Ohio. Selected eggs. 225,037; Mar. 8; Serial No. 238,353; published Dec. 14, 1926.
Wilson-Western Sporting Goods Company, Chicago, Ill. Golf clubs. 224,846; Mar. 8; Serial No. 231,709; Dec. 21, 1926.
Winnie Winkle Fashions, Inc. New York, N. Y. Hair nets. 225,085; Mar. 8; Serial No. 239,159; published Dec. 21, 1926.
Winter, Arthur, New York, N. Y. Pencils. 224,835; Mar. 8; Serial No. 237,715; published Dec. 21, 1926.
Winthrop Chemical Company. (See Farbenfabriken vorm. Friedr. Bayer & Co., assignor.)
Wise-McClung Company, Ltd., New Philadelphia, Ohio. Electrically-operated vacuum cleaners. 224,999; Mar. 8; Serial No. 239,728; published Dec. 21, 1926.
Wolfberg, Chas., Chicago, Ill. Diaries. 225,042; Mar. 8; Serial No. 238,241; published Dec. 21, 1926.
Wollwäscherei und Kämmerei, Döhren, bei Hannover, to Wollwascherei &- Kammerei in Döhren bei Hannover, Dohren, near Hannover, Germany, successor. Lanolin and preparations thereof. 57,875; renewed Nov. 27, 1926.
Wollwäscherei und Kämmerei, Dohren, bei Hannover, to Wollwascherei &- Kammerei in Dohren bei Hannover, Dohren, near Hannover, Germany, successor. Lanolin and lanolin salves. 58,052; renewed Dec. 4, 1926.
Woolson Spice Company, The, Toledo, Ohio. Coffee. 62,083; renewed Apr. 16, 1927.
Woolson Spice Company, The, Toledo, Ohio. Coffee. 62,822; renewed May 28, 1927.
Wooltex Company, The. (See Black, H., & Co., assignor.)
Wynn Products Company, Sterling, Ill. Dry cleaners for cleaning cloth or other fibrous fabrics. 225,044; Mar. 8; Serial No. 238,825; published Dec. 21, 1926.
Ziegler, George, Co., Milwaukee, Wis. Candy. 224,900; Mar. 8; Serial No. 239,345; published Dec. 21, 1926

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Boat House Coffee Company, The, Cincinnati, Ohio. Boat House Coffee 'Cincy's Favorite Drink'. For Boat House Coffee. 31,740; Mar. 8.
Bond, Charles Company, Philadelphia, Pa. Bondex Red Line Solid Round Belting. For Leather Belting. 31,741; Mar. 8.
Crown City Creamery Co., Los Angeles and Pasadena, Calif. Eggs. For Eggs. 31,742; Mar. 8.
Defender Mfg. Company, Inc., Long Island City, N. Y. Sea Island. For Sheets and Pillowcases Made of Textile Fabrics. 31,743; Mar. 8.
Feinstein, Harry, Los Angeles, Calif. H F Natural Hair Preserver. For Hair Tonic. 31,744; Mar. 8.
Ferguson, Ernest B., Jackson, Mich. Ferguson's Perfecto Polish. For Polish. 31,745; Mar. 8.
Foster Chemical Company, Los Angeles, Calif. Dentomint. For Dentifrice. 31,746; Mar. 8.
Frederick, James, doing business as Rainbow Products Co., Chicago, Ill. Bubbling Over. For Malt Tonic. 31,747; Mar. 8.
Fryer, Luther J., Jacksonville, Fla. W.-M.-S. Wet Motor Starter. For a Fluid for Facilitating the Starting of Wet Automobile Motors. 31,748; Mar. 8.
Golden, Augustus J., Baltimore, Md. Warrior River Crooks. For Cigars. 31,749; Mar. 8.
Great Northern Chemical Company, San Francisco, Calif. Hy-G. For a Cleaning Fluid for Danger Spots Such as Found in the Drains of Closet Bowls and Urinals. 31,750; Mar. 8.
Illinois Clay Products Company, Joliet, Ill. Plaxtoy—Play Time Clay. For Modeling Clay. 31,751; Mar. 8.
Kellogg, John L., doing business as Likit Yeast Co., Chicago, Ill. The Health Spread Eat Likit Yeast Every Day. For Cheese-Yeast Cakes. 31,752; Mar. 8.
Likit Yeast Co. (See Kellogg, John L.)
Menasha Printing and Carton Company, Menasha, Wis., assignor to Monticello Dairy Co., Charlottesville, Va. Monticello Dairy. For Butter. 31,753; Mar. 8.
Meyer, Frank C., Company, Brooklyn, N. Y. Wilbert. For Footwear. 31,754; Mar. 8.
Meyer, Frank C., Company, Brooklyn, N. Y. Stern and Tannenbaum. For Footwear. 31,755; Mar. 8.
Missouri Paper Products Company, St. Joseph, Mo. Eze-Display. For Folding Display Boxes Used in the Display of Goods. 31,756; Mar. 8.
Monticello Dairy Co. (See Menasha Printing and Carton Company, assignor.)
Mowry, Walter B., Lubec, Me. Fancy Quoddy Brand Boned Herring. For Canned Boned Herring. 31,757; Mar. 8.
National Tea Co., Chicago, Ill. National Brand True Fruit Extract Raspberry. For True Fruit Extract of Raspberry. 31,758; Mar. 8.
National Tea Co., Chicago, Ill. National Brand Reduced Cider Vinegar. For Vinegar. 31,759; Mar. 8.
National Tea Co., Chicago, Ill. National Brand Distilled White Vinegar Reduced. For Vinegar. 31,760; Mar. 8.

National Tea Co., Chicago, Ill. National Brand Highest Grade Full Strength Extract Lemon. For Extract of Lemon. 31,761; Mar. 8.
National Tea Co., Chicago, Ill. National Brand Highest Grade Full Strength Extract Rose. For Extract of Rose. 31,762; Mar. 8.
National Tea Co., Chicago, Ill. National Brand Highest Grade Full Strength Extract Orange. For Extract of Orange. 31,763; Mar. 8.
National Tea Co., Chicago, Ill. National Brand Highest Grade Full Strength Extract True Fruit Strawberry. For Extract of True Fruit Strawberry. 31,764; Mar. 8.
National Tea Co., Chicago, Ill. National's Best Brand Selected Queen Olives. For Olives. 31,765; Mar. 8.
Pennsylvania Cigar Corporation, New York, N. Y. U. S. Club House. For Cigars. 31,766; Mar. 8.
Rainbow Products Co. (See Frederick, James.)
Rosenfelt, Louis, Philadelphia, Pa. W. P. G. For Cigars. 31,767; Mar. 8.
Schmid, Julius, Inc., New York, N. Y. Santro Sanitary Teething Ring. For Teething Rings. 31,768; Mar. 8.
Schmidtman Company, Manitowoc, Wis. Inner Harbor. For Tablets of Writing Paper. 31,769; Mar. 8.
Scott Paper Company, Chester, Pa. The Waldorf. For Paper Towels. 31,779; Mar. 8.
Strombeck-Becker Mfg. Co., Moline, Ill. Buildoblox Junior Set. For an Instructive Game. 31,771; Mar. 8.
Towns & James, Brooklyn, N. Y. Mint-Cream Magnesia. For Magnesia. 31,772; Mar. 8.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Cluett, Peabody & Co., Troy, N. Y. The Men Who Seek Fashionable Distinction In Dress Will Wear Wing Collars This Fall. For Arrow Collars. 9,587; Mar. 8.
Coca-Cola Company, Atlanta, Ga. Refresh Yourself. For Coca-Cola. 9,588; Mar. 8.
Coca-Cola Company, Atlanta, Ga. So Refreshing. For Coca-Cola. 9,589; Mar. 8.
Coca-Cola Company, Atlanta, Ga. Be Sociable—Drink With Me. For Coca-Cola. 9,590; Mar. 8.
Comet Rice Co., Galveston, Tex., and New York, N. Y. Comet Rice. For Uncoated White Rice. 9,591; Mar. 8.
Cream Of Wheat Co., Minneapolis, Minn. Children Dull After Wrong Breakfast, Schools Now Find. For Wheat Breakfast Food. 9,592; Mar. 8.
Cream Of Wheat Co., Minneapolis, Minn. A New Enlivening Interest For Your Health Program. For Wheat Breakfast Food. 9,593; Mar. 8.
Cream Of Wheat Co., Minneapolis, Minn. The Value Of Starchy Foods For Artificially Fed Babies. For Wheat Breakfast Food. 9,594; Mar. 8.
Cream Of Wheat Co., Minneapolis, Minn. Dozens Of Different Ways To Use It For Convalescents. For Wheat Breakfast Food. 9,595; Mar. 8.
D & C Co. Inc., The, Wilmington, Del., and Brooklyn, N. Y. For Dessert My-T-Fine. For Dessert Preparations. 9,598–9; Mar. 8.
Des Cognets, Louis, & Company, Lexington, Ky. Flashlight. For Coal. 9,596; Mar. 8.
Des Cognets, Louis, & Company, Lexington, Ky. Sunfire. For Coal. 9,597; Mar. 8.
Heinz, H. J., Company, Pittsburgh, Pa. The Choice Of The Nation. For Tomato Catchup. 9,600; Mar. 8.
Indiana Lamp Corporation, Connersville, Ind. The World's Greatest Illuminations And The World's Greatest Headlight. For Automobile Lamps. 9,601; Mar. 8.
Kehler, A. E., doing business as Kehwell Warehousing Co., Shamokin, Pa. Old Dutch Malt Syrup. For Malt Sirup. 9,602; Mar. 8.
Kehwell Warehousing Co. (See Kehler, A. E.)
Standard Envelope Manufacturing Company, The, Cleveland, Ohio. Standard Announces Silvertone Bulk-I-Mailer. For Envelopes. 9,603; Mar. 8.
State Bank Of Chicago, acting as trustee for Arthur T. McIntosh & Co., Chicago, Ill. Greater Chicago. For Houses. 9,604; Mar. 8.
State Bank Of Chicago, acting as trustee for Arthur T. McIntosh & Co., Chicago, Ill. Greater Chicago Acres. For Houses. 9,605; Mar. 8.
Stein, S., & Co., New York, N. Y. Kingsley Fabrics. For Woolen Piece Goods. 9,606; Mar. 8.
Taylor, Thomas D., Philadelphia, Pa. Wednesday Only. For Grocery and Foods. 9,607; Mar. 8.
Taylor, Thomas D., Philadelphia, Pa. Monday Only. For Grocery and Foods. 9,608; Mar. 8.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Abbeville Cotton Mills, Abbeville, S. C. Cotton piece goods. 213,542; Mar. 8.
Alberoyd Company, The. (See Lloyd, A. H.)
All in One Hair Brush Co. (See Eyster, Ray W.)
Alpena Leather Corporation, Buffalo, N. Y., and Alpena, Mich. Sole-leather products. 234,288; Mar. 8.
Ambrosia Malt Prod. Co., Inc., New York, N. Y. Extract from malt and rye. 237,010; Mar. 8.
American Automatic Products Corporation, Chicago, Ill. Phonographs and parts thereof. 148,050; Mar. 8.
American Crayon Company, The, Sandusky, Ohio. Writing ink. 241,509; Mar. 8.
American Electric Motor Company, Milwaukee, Wis. Electric motors. 241,853; Mar. 8.
American Lithograph Company of California. (See Swartz, Charles.)
American Photo-Engravers Association, Chicago, Ill. Publication. 242,978; Mar. 8.
American Smelting & Refining Company, New York, N. Y., and San Francisco, Calif. Lead, solder, and babbitt, and metals and metal alloys, etc. 225,541; Mar. 8.
American Tissue Mills, Holyoke, Mass. Crepe paper of various colors, etc. 242,700; Mar. 8.
American Unbreakable Doll Corporation, New York, N. Y. Dolls. 208,498; Mar. 8.
Ancestral Medicine Co., Osawatomie, Kans. Medicine. 241,855; Mar. 8.
Andre-White Corporation, Chicago, Ill. Apparatus for humidifying and purifying air. 241,374; Mar. 8.
Andre-White Corporation, Chicago, Ill. Heating-radiator himidifying shields and covers. 241,375; Mar. 8.
Argus Manufacturing Company, The, Cleveland, Ohio. Material for resurfacing and patching concrete and brick floors and the like. 242,361; Mar. 8.
Arlington Rubber Company, Everett, Mass. Golf balls. 243,189; Mar. 8.
Arnold, F. R., & Company, New York, N. Y. Toilet requisites. 240,947; Mar. 8.
Atlantic Enamel and Lacquer Works, Inc., The, New York, N. Y. Paste and ready-mixed paints, varnishes, and lacquers. 241,919; Mar. 8.
Babcock, A. P., Company, New York, N. Y. Cologne. 240,238; Mar. 8.
Baker-Mayes Co., South Omaha, Nebr. Preparation for the treatment of necrotic enteritis, flu, etc. 243,080; Mar. 8.
Bassick Manufacturing Company, The, Chicago, Ill. Condensers to be connected with the radiators of internal-combustion engines. 226,037; Mar. 8.
Beauchamp, Mrs. Dora F., doing business as Doro-Bo Co., Brooklyn, N. Y. Automobile rear-view mirrors. 241,768; Mar. 8.
Beck, Thos. J., doing business as The Lu-Lu Company, Harrisburg, Pa. Beverage and sirup for making the same. 243,191; Mar. 8.
Benoni, Battista, Padova, Italy. Dusting cloths. 238,157; Mar. 8.
Benzo-Gas Motor Fuel Company, Kansas City, Mo. Gasoline. 241,314; Mar. 8.
Bernet, Craft & Kauffman Milling Company, St. Louis, Mo. Wheat flour. 230,155; Mar. 8.
Bianchini, Ferier, Lyon, France. Piece goods of silk, wool, and hairs. 241,028; Mar. 8.
Bi-A-Pak Cigarette Vending Machine Co. (See Leschin, Samuel A.)
Birmingham Tank Company, The, Birmingham, Ala. Steel storage tanks. 234,290; Mar. 8.
Blackledge, E. E., doing business as E. E. Blackledge Co., Polson, Mont. Waterproof leather dressing. 242,653; Mar. 8.
Blackley, James C., doing business as Sorine Chemical Co., Richmond, Va. Instant relief and healing lotion for the treatment of gall sores, stiff joints, etc. 243,252; Mar. 8.
Block, W. G., Company, Davenport, Iowa. Coal. 241,860; Mar. 8.
Block, W. G., Company, Davenport, Iowa. Coal. 241,862; Mar. 8.
Blue Hill Candy Co., St. Louis, M. Candies. 242,773; Mar. 8.
Boss Manufacturing Company, The, Kewanee, Ill. Fabric gloves and mittens. 241,980–1; Mar. 8.
Bradford Packing Co. (See Mafoska, John.)
Brogdex Company, Winter Haven, Fla., and Los Angeles, Calif. Fresh deciduous and citrons fruits. 188,526; Mar. 8.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Brookman Manufacturing Co., Chicago, Ill. Cold-water paste for wall paper. 238,427; Mar. 8.
Brown, Sidney R., doing business as Port-Houston Polish Company, Houston, Tex. Polishes and cleanser. 241,693; Mar. 8.
Caledonia Springs Company, Limited, Montreal, Quebec, Canada. Beverages and ginger ale. 241,694; Mar. 8.
Cambridge Rubber Company, Cambridge, Mass. Shoes. 226,942; Mar. 8.
Capto Products Co. Inc., Belleville, N. J. Preparation for the treatment of corns, warts, and calli. 242,083; Mar. 8.
Central Scientific Company, Chicago, Ill. Bit braces, auger bits, screw clamps, figure dies, etc. 213,000; Mar. 8.
Chandlee, H. P., Sons Co., doing business as Chandlee Metal Products Co., Baltimore, Md. Refuse receptacles. 240,595; Mar. 8.
Chandler Boot Shops, Atlanta, Ga.; New Orleans, La.; Birmingham, Ala.; Memphis and Nashville, Tenn.; and Louisville, Ky. Hosiery. 237,782; Mar. 8.
Chicago Golfer Publishing Co., Chicago, Ill. Magazine. 243,139; Mar. 8.
Chisholm, Albert E., Pasadena, Calif. Sprinkling systems and parts thereof. 235,113; Mar. 8.
Churchill and Alden Company, Brockton, Mass. Boots and shoes. 238,487; Mar. 8.
Civic Press, The, New York, N. Y. Annual publication. 243,587; Mar. 8.
Clawson, Monroe S., Upper Montclair, N. J. Metal shades for electric lights. 241,394; Mar. 8.
Cleveland & Whitehill Co., Newburgh, N. Y. Men's caps. 242,707; Mar. 8.
College Inn Food Products Co., Chicago, Ill. Canned food products. 242,820; Mar. 8.
Columbia Knitting Mills, Portland, Oreg. Swimming suits, woolen garments, and knitted wear. 241,395–6; Mar. 8.
Compania General de Aceites de Oliva, S. A., Seville, Spain. Olive oils. 204,220; Mar. 8.
Condé Nast Publications, Inc., The, New York, N. Y., and Greenwich, Conn. Paper dress patterns. 237,654; Mar. 8.
Conrad Company Inc., The, New York, N. Y. Magazines. 243,035; Mar. 8.
Co-Quin-Ol Company, The. (See Zink, Edward A.)
Cremer, William P., San Francisco, Calif. Safety-razor blades, scissors, hair clippers, etc. 237,786; Mar. 8.
Cruz, Jose, Ansonia, Conn. Automobile rim for the wheels of automobiles. 242,173; Mar. 8.
Davis, Charles W., Bowling Green, Mo. Candy. 225,115; Mar. 8.
Davis Cooperage Company, Martinsville, Ind. Wooden kegs. 242,881; Mar. 8.
Davis, John H., Company, San Francisco, Calif. Sack twine. 238,106; Mar. 8.
Dawn Donut Company of Jackson, Jackson, Mich. Doughnuts and doughnut mixture. 233,482; Mar. 8.
Deck, John, doing business as Washington Product Co., Cincinnati, Ohio. Nonfreeze solution for automobile radiators. 243,037; Mar. 8.
Dell Publishing Company, New York, N. Y. Magazine. 243,645; Mar. 8.
De Long Hook and Eye Company, The, Philadelphia, Pa. Sanitary napkins. 242,823; Mar. 8.
Delta Electric Co., Marion, Ind. Electric vehicle lamps. 241,990; Mar. 8.
Devlin, Thomas, Manufacturing Company, Philadelphia, Pa. Gray iron, malleable iron, and brass plumbing supplies. 239,334; Mar. 8.
Dixie Pecan Growers Exchange, Inc., Barnesville, Ga. Pecans. 242,524; Mar. 8.
Dodwell & Company, Ltd., New York, N. Y. Portland cement and artificial Portland cement. 214,063; Mar. 8.
Donelson, Lewis R., jr., Memphis, Tenn. Baking powder. 242,576; Mar. 8.
Doob, M., Sons & Company, New York, N. Y. Handkerchief. 241,701; Mar. 8.
Doro-Ro Co. (See Beauchamp, Mrs. Dora F.)
Duluth-Superior Milling Company, Duluth, Minn., and New York, N. Y. Durum semolina. 242,712; Mar. 8.
Dundas Bros. Co., Inc., Philadelphia, Pa. Self-rising flour. 225,874; Mar. 8.
Du Pont, E. I., de Nemours and Company, Wilmington, Del. Dyestuffs. 242,368; Mar. 8.
Earth Mover Publishing Co. (See Western Wheeled Scraper Co.)
Eastman Kodak Company, Rochester, N. Y. Albums. 242,713–14; Mar. 8.
Elgholz, J. L., doing business as Irogen Co., Los Angeles, Calif. Electromagnetic belts for medical purposes. 242,987; Mar. 8.
Electrol, Inc. of Missouri, St. Louis, Mo. Domestic oil burners. 241,522; Mar. 8.
Ellis, Wilbur, Company, San Francisco, Calif. Fertilizer. 242,873; Mar. 8.
Eloesser-Heynemann Company, San Francisco, Calif. Children's clothing and children's overalls. 242,333; Mar. 8.
Emsaco Laboratories, Inc., Brooklyn, N. Y. Laxatives. 241,402; Mar. 8.
Erie Malleable Iron Company, Erie, Pa. Electrical fittings. 222,667; Mar. 8.
Euster, Robert, doing business as Wine Taste Laxative Co., Middlesboro, Ky. Laxative medicine. 242,579; Mar. 8.
Excelsior Radio Co. (See Lieberman, Jacob P.)
Eyster, Ray W., doing business as All in One Hair Brush Co., Chicago, Ill. Hairbrushes. 203,941; Mar. 8.
Falck, James S., doing business as Squanette Plant Fude Company, Washington, D. C. Plant foods. 242,174; Mar. 8.
Filter-Flex Radio Corp., Los Angeles, Calif. Radio receiving sets. 242,717; Mar. 8.
Fisher & Fallgatter, Waupaca, Wis. Rye flour. 232,458; Mar. 8.
Fisher Flouring Mills Company, Seattle, Wash. Wheat flour. 242,530; Mar. 8.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Pneumatic tires. 241,406; Mar. 8.
Fisk Rubber Company, The, Chicopee Falls, Mass. Vehicle tires. 241,475; Mar. 8.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Tire and tube patches and repair outfits. 241,476; Mar. 8.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Rubber inner tubes, tire and tube patches, repair kits, etc. 241,817; Mar. 8.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Vehicle tires. 241,994; Mar. 8.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Vehicle tires. 243,487; Mar. 8.
Fitzpatrick Bros., Chicago, Ill. Soap, soap powder, flour, chips, and soap flakes. 243,258; Mar. 8.
Freeman, Ruth, doing business as Wilstay Company, New York, N. Y. Lingerie pins. 240,073; Mar. 8.
French, R. T., Company, The, Rochester, N. Y. Mustard, spices, cooking herbs, etc. 239,977; Mar. 8.
Frost, Harold L., doing business as Frost Farms, Littleton and Arlington, Mass. Fresh deciduous fruits. 242,423; Mar. 8.
G. and M. Chemical Co., Tulsa, Okla. Hair restorer. 225,918; Mar. 8.
Gane & Ingram, Inc., New York, N. Y. Preparation for repelling mosquitoes and for relieving irritation from insect bites. 235,948; Mar. 8.
Garrett & Company, Inc., Brooklyn, N. Y. General tonic. 240,182; Mar. 8.
Glassmobile Corporation, Detroit, Mich. Electric spotlights for vehicles. 242,230; Mar. 8.
Goldenripe Fruits, Inc., San Jose, Calif. Dried fruits. 243,149; Mar. 8.
Goldman & Freiman Bottling Co., Inc., Baltimore, Md. Ginger ale and other flavors. 241,821; Mar. 8.
Gordon Drug Company, Chattanooga, Tenn. Medicine. 242,888; Mar. 8.
Grafeman-McIntosh Ice Cream Co., St. Louis, Mo. Dairy products. 225,356; Mar. 8.
Gray Miller Corporation, Fernwood, Pa. Liquid flea soap. 242,336; Mar. 8.
Gray, William S., & Co., New York, N. Y. Chemical products. 240,076; Mar. 8.
Great Lakes Varnish Works, Inc., Chicago, Ill. Paints. 242,584; Mar. 8.
Greenberg, Henry, Brooklyn, N. Y. Hones. 242,479; Mar. 8.
Haber, Joseph B., Inc., Philadelphia, Pa. Sweaters. 241,617; Mar. 8.
Haskins Brothers & Company, Sioux City, Iowa, and Omaha, Nebr. Bath, toilet, and shampoo soap. 243,361; Mar. 8.
Heine & Co., New York, N. Y. Perfumes and natural and synthetic oils suitable for perfumery purposes. 243,090; Mar. 8.
Hess Brothers, Allentown, Pa. Shoes and hosiery. 233,188; Mar. 8.
Hires Turner Glass Company, Philadelphia, Pa. Plate-glass mirrors. 238,656; Mar. 8.
Hirsch Bros. & Co. Inc., Louisville, Ky. Pickles. 243,438; Mar. 8.
Horigan, Joseph A., doing business as Horigan Manufacturing Company, Kansas City, Mo. Preparation for chapped hands and face cuts and lacerations, etc. 243,156; Mar. 8.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, talcum powder, bath salts, etc. 243,158; Mar. 8.
Houghton, E. F., & Co. Philadelphia, Pa. Lubricating oils. 229,908; Mar. 8.
Hoyle, Joshua, & Sons, Ltd. Inc., New York, N. Y. Woolen and cotton piece goods, woolen blankets, automobile robes, etc. 241,104; Mar. 8.
Huff Daland Airplanes, Inc., Bristol, Pa. Airplanes. 242,952; Mar. 8.
Hye-Amp Battery Co., Denver, Colo. Aerial insulators and radiopanels, air circuit breakers, switches, coils, etc. 207,189; Mar. 8.
Hylton Flour Mills, Inc., Ogden, Utah. Wheat flour. 241,572; Mar. 8.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main and Berlin, Germany. Cameras and parts therefor. 237,498; Mar. 8.
Illinois Pure Aluminum Co., Lemont, Ill. Aluminum kitchen and cooking utensils. 242,053; Mar. 8.
International Musical Corporation, Jersey City and Hoboken, N. J. Musical instruments of the zither type. 239,369; Mar. 8.
Interstate Laboratories, Inc., Atlanta, Ga. Medical preparation for the treatment of hyperacidity, fermentation, and gas formation. 242,196; Mar. 8.
Irogen Co. (See Elgholz, J. L.)
Italy Laboratories. (See Martino, Antonio R.)
Jacobs, Mortimer, Newark, N. J. Venereal prophylactic. 242,890; Mar. 8.
Jewell, Ira H., doing business as Jewell Water Co., Chicago, Ill. Distilled water. 243,272; Mar. 8.
Johnson Motor Co., South Bend, Ind. Rowboats and motor boats. 241,886; Mar. 8.
Johnston, Robert A., Co., Milwaukee, Wis. Sandwich cooky. 241,727; Mar. 8.
Jordan Marsh Company, Boston, Mass. Textile mattress covers. 239,661; Mar. 8.
K. O. Supply Company, Inc., Portland, Oreg. Dog and puppy biscuits. 242,594; Mar. 8.
Kansas Flour Mills Corporation, The, doing business as The Moses Bros. Mills, Kansas City, Mo., and Great Bend, Kans. Wheat flour. 240,721; Mar. 8.
Kenova Ice & Cold Storage Co., Kenova, W. Va. Soap. 242,727; Mar. 8.
Kerr Products Company, Inc., Sacramento, Calif. Potato flakes, dill relish, vegetable relish, sweet and sour pickles, etc. 242,297; Mar. 8.
Kinsey, Lucien C., doing business as The Mello-Mix Co., Oklahoma City, Okla. Beverages. 230,742; Mar. 8.
La Main. (See Spencer Perfume Company.)
Lancaster Farms Hatchery, Lancaster, Ohio. Live poultry. 225,885; Mar. 8.
Larabee Flour Mills Company, The, doing business as The Monarch Milling Company, Kansas City, Mo. Wheat flour. 240,031; Mar. 8.
La Salle Products, Inc., St. Paul, Minn. Perfume, toilet water, talcum powder, rouge, brilliantine, etc. 242,673; Mar. 8.
Leon, L. J., Mfg. Company, Chicago, Ill. Bird cages. 242,010; Mar. 8.
Leonhardt & Co., Schoeneberg, Germany. Horseshoe studs. 241,577; Mar. 8.
Leschin, Samuel A., doing business as Bl-A-Pak Cigarette Vending Machine Co., Cleveland, Ohio. Vending machines. 242,378; Mar. 8.
Leslie California Salt Co., San Francisco, Calif. Table salt. 242,013; Mar. 8.
Lester Piano Company, Philadelphia, Pa. Pianos. 242,342; Mar. 8.
Lieberman, Jacob P., doing business as Excelsior Radio Co., Brooklyn, N. Y. Radio sets and parts thereof. 234,714; Mar. 8.
Liscio, C., & Company, New York, N. Y. Blood purifier. 240,612; Mar. 8.
Lisner, D., & Co. Inc., New York, N. Y. Jewelry for personal adornament, not including watches. 242,380; Mar. 8.
Little Bear Specialties Company, Kansas City, Mo. Metal hatracks. 240,422; Mar. 8.
Lloyd, A. H., doing business as The Alberoyd Company, Esmont, Va. Crushed, ground, and pulverized stone. 241,419; Mar. 8.
Lu-Lu Company, The. (See Beck, Thos. J.)
MacEachen, H. G., doing business as Sanitary Supply Co., San Francisco, Calif. Disinfectants. 241,420; Mar. 8.
Mack, Horace M. B., doing business as Mack The Coffee Man, Lancaster, Pa. Coffee. 221,182; Mar. 8.
MacRae, Albert, Chicago, Ill.; Los Angeles, Calif.; and New York, N. Y. Magazine. 242,841; Mar. 8.
Markwell Manufacturing Co., Inc., New York, N. Y. Staples for use in stapling together sheets of paper, fiber, cardboard, etc. 240,870; Mar. 8.
Martin, Glenn L., Company, The, Cleveland, Ohio. Radio apparatus and accessories, etc. 225,435; Mar. 8.
Martin, Glenn L., Company, The, Cleveland, Ohio. Battery eliminators for radio apparatus. 225,436; Mar. 8.
Martini & Rossi, Turin, Italy. Wines. 229,450; Mar. 8.
Martino, Antonio R., doing business as Italy Laboratories, New York, N. Y. Flavoring extracts. 240,273; Mar. 8.
Massey Brothers, Winchester, Va. Laxative. 238,796; Mar. 8.
Masury, John W., & Son, Brooklyn, N. Y. Lacquers. 237,608; Mar. 8.
Matoska, John, doing business as Bradford Packing Co., Baltimore, Md. Canned vegetables. 242,434; Mar. 8.
Matthael Baking Co., Tacoma, Wash. Bread, crackers, cakes, cookies, and buns. 242,601; Mar. 8.
Mayer Arch Support Company, Milwaukee, Wis. Arch supporters. 241,738; Mar. 8.
Mead, Raynor, doing business as Tast-T-Mint Co., New York, N. Y. Medicated mint for the treatment of indigestion. 242,200; Mar. 8.
Meador and Young, Nashville, Tenn. Coal. 242,345; Mar. 8.
Meadows Manufacturing Co., The, Bloomington, Ill. Washing machines. 238,797; Mar. 8.
Mellorate Club Company, The, Akron, Ohio. Periodical. 243,552; Mar. 8.
Mello-Mix Co., The. (See Kinsey, Lucien C.)
Merton, Charles S., & Co., East Rutherford, N. J., and New York, N. Y. Hats, caps, knickers, scarfs, etc. 241,666–7; Mar. 8.
Metropolitan Newspaper Service, New York, N. Y. Cartoons. 243,553; Mar. 8.
Metropolitan Newspaper Service, New York, N. Y. Cartoon strips. 243,554–5; Mar. 8.
Michigan Alkali Company, Wyandotte, Mich. Portland cement. 221,427–8; Mar. 8.
Miller, Charles N., Co., Boston, Mass. Candy. 238,334; Mar. 8.
Mixing Equipment Co., Inc., New York, N. Y. Electrically-operated mixing equipment. 241,173; Mar. 8.
Moline Consumers Company, Moline, Ill. Coal. 242,240; Mar. 8.
Monarch Milling Company, The. (See Larabee Flour Mills Company.)
Moore, Lucas E., Stave Co. of Ga., Savannah, Ga. Wooden barrels and staves, headings, and shooks therefor. 243,164; Mar. 8.
Morris, Jos. A., & Co., New York, N. Y. Magazine. 243,103; Mar. 8.
Moses Bros. Mills, The. (See Kansas Flour Mills Corporation, The.)
Muller, Walter A., Co., Inc., San Francisco, Calif. Ladies', misses', and children's hats. 242,792–3; Mar. 8.
National Appliances Installations, Inc., New York, N. Y. Oil burners. 242,961; Mar. 8.
National Tube Company, Pittsburgh, Pa. Metal couplings, pipes, tubes, and casings. 236,811; Mar. 8.
Nelson Adolph, doing business as The Synflex Company, Seattle, Wash. Electric belts. 241,494; Mar. 8.
New York Times Company, The, New York, N. Y. Daily newspapers. 243,450; Mar. 8.
New York Times Company, The, New York, N. Y. Periodicals. 243,451; Mar. 8.
New York Times Company, The, New York, N. Y. Publications. 243,452; Mar. 8.
North American Cement Corporation, Albany, N. Y. Portland cement. 230,590–1; Mar. 8.
Nu-Tone Products Co. (See Parker, Alfred B.)
Oriental Silk Printing Company, Haledon, N. J., and New York, N. Y. Textile fabrics. 243,278; Mar. 8.
Overton, Walter T., doing business as Overton Chemical Company, Sumner, Iowa. Disinfectant, deodorant, sterilizer, and germicide. 223,598; Mar. 8.
Paine, Charles T., Redlands, Calif. Citrous fruits. 243,282; Mar. 8.
Paper Novelty Company, The, Green Bay, Wis. Sanitary napkins. 243,319–21; Mar. 8.
Park Laboratory Company, San Antonio, Tex. Sarsaparilla for medicinal uses, carbolic salve, arnica salve, etc. 242,348; Mar. 8.
Parker, Alfred B., doing business as Nu-Tone Products Co., Portland, Oreg. Rug, carpet, upholstery, furniture, wall-paper, and enamel cleaner. 242,609; Mar. 8.
Perry, I. L., Dinuba, Calif. Grapes. 243,285; Mar. 8.
Plant, Thomas G., Company, Boston, Mass. Boots, shoes, slippers. 230,354; Mar. 8.
Port-Houston Polish Company. (See Brown, Sidney R.)
Prokofieff, Ivan M., New York, N. Y. Salves and creams for the treatment of the hair and skin. 242,351; Mar. 8.
Pyrene Manufacturing Company, Newark, N. J. Heat indicators for internal-combustion engines. 242,796; Mar. 8.
Randall Products Corporation, Stapleton, N. Y. Cream metal polish and cleaner. 242,210; Mar. 8.
Remington Typewriter Company, Ilion and New York, N. Y. Adding and accounting machines. 242,440; Mar. 8.
Reo Motor Car Company, Lansing, Mich. Automobiles. 240,682; Mar. 8.
Revere Wholesale Grocery Co. (See Salvato, Joseph G.)
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Tobacco. 240,733; Mar. 8.
Rice-Stix Dry Goods Company, St. Louis, Mo. Ladies' and children's frocks and dresses. 241,440; Mar. 8.
Rife, J. F., doing business as The Rife Laboratory, Fresno, Calif. Combination cleaner, polish, and preservative for automobiles, etc. 241,183; Mar. 8.
Rogovin, Harry, doing business as Unique Silk Lamp Shade Co., New York, N. Y. Lamp shades made of silk. 230,684; Mar. 8.
Rosenberg, Yochim & Stafford, New Orleans, La. Beverage and sirup for making the same. 241,184; Mar. 8.
Rough, Albert J., doing business as Tryco Company, Minneapolis, Minn. Foot ointment. 242,312; Mar. 8.
Roussey, Paul, Brooklyn, N. Y. Glass and metal polish. 242,394; Mar. 8.
Salvato, Joseph G., doing business as Revere Wholesale Grocery Co., Chicago, Ill. Salad dressing, tomato catchup, pickles, evaporated fruits, dried raisins, etc. 205,953; Mar. 8.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

San-I-Sal Laboratories, Inc., Washington, D. C. Shampoo. 242,911; Mar. 8.
Sanitary Grocery Company, Incorporated, Washington, D. C. Coffee. 243,389; Mar. 8.
Sanitary Supply Co. (See MacEachen, H. G.)
Sauquoit Paper Co. Inc., New Hartford, N. Y. Sanitary pads. 242,914; Mar. 8.
Scadron, Louis H., New York, N. Y. Optical instruments, lenses, and optical products. 239,320; Mar. 8.
Scientific Products, Inc., Chicago, Ill. Medicinal salve. 241,585; Mar. 8.
Seacoast Canning Company, Eastport, Me. Canned fish. 219,770; Mar. 8.
Selmer, H. & A., Inc., New York, N. Y. Crystal and rubber combination mouthpieces for wind instruments. 242,921; Mar. 8.
Shaw, A. W., Company, Chicago, Ill. Magazine section. 243,233; Mar. 8.
Shaw Family, Inc., The, San Jose, Calif. Food dressing in the form of a sauce. 241,445; Mar. 8.
Sheehy and Cumming, Watsonville, Calif. Apples and pears. 230,594; Mar. 8.
Shelby Cycle Company, Shelby, Ohio. Bicycles. 240,738; Mar. 8.
Società Anonima del Linoleum di Giubiasco (Svizzera), Giubiasco, Switzerland. Linoleum. 239,002; Mar. 8.
Sorine Chemical Co. (See Blackley, James C.)
Southern Distributing Co., Inc., Selma, Ala. Floor dressing. 243,326; Mar. 8.
Speeder Machinery Corporation, Fairfield, Iowa. Gasoline shovels, cranes, and drag lines. 241,501; Mar. 8.
Spencer Perfume Company, doing business as La Main, South Bend, Ind., and New York, N. Y. Face powders, face creams, face packs, vanishing creams, cosmetic lotions, etc. 240,278; Mar. 8.
Sperry Gyroscope Company, The, Brooklyn, N. Y. Electrical indicating apparatus for navigational purposes. 226,309; Mar. 8.
Spyron, Stephen, Hot Springs National Park, Ark. Cleaner for silverware, forks, knives, and spoons, etc. 242,759; Mar. 8.
Squanette Plant Fude Company. (See Falck, James S.)
Stadlmair, Henry, Co., Inc., New York, N. Y. Violins, violas, violoncellos, etc. 232,294; Mar. 8.
Stamatakis, Stamatis, Campbell, Ohio. Medicinal product. 237,706; Mar. 8.
Standard Diary Company, The, Camridge, Mass. Diaries. 242,695; Mar. 8.
Standard Manufacturing Co., Inc., Elizabeth City, N. C. Hosiery. 240,930; Mar. 8.
Stein, Hall & Company Inc., New York, N. Y. Tapioca, egg albumen, and egg yolk. 231,020; Mar. 8.
Stone Candy Company, San Francisco, Calif. Candy. 240,454; Mar. 8.
Strathmore Paper Company, Mittineague, Mass. Writing and printing paper. 242,760; Mar. 8.
Stuckey, F. M., & Company, Wichita Falls, Tex. Salve for cuts, bruises, burns, and running sores. 242,215; Mar. 8.
Supreme Electric Mfg. Co., Chicago, Ill. Electrical apparatus. 242,216; Mar. 8.
Swartz, Charles, doing business as American Lithograph Company of California, Los Angeles, Calif. Products of a process of printing or lithography. 233,587; Mar. 8.
Swing, Edward M., doing business as M. E. Swing Co., Washington, D. C. Coffee. 240,375; Mar. 8.
Synflex Company, The. (See Nelson, Adolph.)
T. & O., New York, N. Y. Nail polishes, lip sticks, lip pastes, etc. 242,925; Mar. 8.
Test-T-Mint Co. (See Mead, Raynor.)
Thermwool Products Co. Inc., New York, N. Y. Ironing cushion pads. 241,847; Mar. 8.
Thomas, I. P., & Son Co., Philadelphia, Pa. Fire-extinguishing compositions. 243,121; Mar. 8.
Thurnherr & Upton Co., West New York, N. J. Laces and embroideries as manufactured in the piece. 241,453; Mar. 8.
Tillamook Bay Fish Co., Bay City, Oreg. Canned salmon and clams. 242,632; Mar. 8.
Times Publishing Company, Inc., The, St. Cloud, Minn. Newspaper. 243,629; Mar. 8.
Topkis, Charles, Wilmington, Del. Cotton piece goods. 242,927; Mar. 8.
Tryco Company. (See Rough, Albert J.)
Tucapau Mills, Tucapau, S. C. Cotton and linen goods. 227,543; Mar. 8.
Unique Silk Lamp Shade Co. (See Rogovin, Harry.)
United American Publishing Co., Inc., New York, N. Y. Publication. 243,294; Mar. 8.
United Drug Company, Boston, Mass. Cough sirup. 243,243; Mar. 8.
United Hardware & Tool Corporation, New York, N. Y. Carpenters' planes, saws, and benches. 242,399; Mar. 8.
United Manufacturing Co., Philadelphia, Pa. Portable showers and shower sprays. 241,591; Mar. 8.
Vestal Chemical Co., St. Louis, Mo. Antiseptic and disinfectant. 242,637; Mar. 8.
Wadsworth, Howland & Co., Incorporated, Boston, Mass. Liquid paint and enamel. 242,974; Mar. 8.
Wagner, A., & Levien, Sucesores, Sociedad en Comandita, Mexico and Monterey, Mexico. Pianos, automatic pianos, electrical and reproducing. 228,340; Mar. 8.
Walker Products Company, New York, N. Y. Phonographs and phonograph sound boxes and phonograph needles. 241,594; Mar. 8.
Ward, Samuel, Manufacturing Company, Boston, Mass. Portfolios. 242,802; Mar. 8.
Washington Product Co. (See Deck, John.)
Weber Showcase & Fixture Company, Los Angeles, Calif. Refrigerator show cases. 229,482; Mar. 8.
Weinreich, David J., doing business as J. Weinreich, Dayton, Ohio. Cigars. 239,954; Mar. 8.
Western Metal Specialty Co., Milwaukee, Wis. Chemical toilets. 239,209; Mar. 8.
Western Wheeled Scraper Co., doing business as Earth Mover Publishing Co., Aurora, Ill. Monthly magazine. 243,245; Mar. 8.
Western Wheeled Scraper Co., doing business as Earth Mover Publishing Co., Aurora, Ill. Monthly magazine in the Spanish language. 243,246; Mar. 8.
Wetmore, S. H., Company, New York, N. Y. Atomizers, applicators, breast pumps, etc. 211,191; Mar. 8.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Writing paper and mailing envelopes. 243,180; Mar. 8.
Williams, J. B., Company, The, Glastonbury, Conn. Soap. 206,554; Mar. 8.
Wilson-Western Sporting Goods Company, Chicago, Ill. Baseball gloves and baseballs. 240,837; Mar. 8.
Wilstay Company. (See Freedman, Ruth.)
Wine Taste Laxative Co. (See Euster, Robert.)
Wortendyke Manufacturing Co., Richmond, Va. Toilet paper, paper towels, and paper napkins. 242,762; Mar. 8.
Wrightsville Hardware Company, Wrightsville, Pa. Waffle irons. 241,917; Mar. 8.
Yellow Truck & Coach Manufacturing Company, Chicago, Ill. Motor-driven trucks. 224,686; Mar. 8.
Youngstown Sheet and Tube Company, The, Youngstown, Ohio. Tin plate. 242,936–7; Mar. 8.
Zink, Edward A., doing business as The Co-Quin-Ol Company, New York, N. Y. Shampoo and corrective for dandruff. 229,906; Mar. 8.
Ziv Steel & Wire Company, Chicago, Ill. Drill and tool steel. 242,329; Mar. 8.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Bristles and assorted horsehair, Assorted. China Hide & Produce Co. 224,957; Mar. 8; Serial No. 221,092; published Dec. 14, 1926.
Coal. C. N. Blanchard. 224,931; Mar. 8; Serial No. 236,408; published Dec. 7, 1926.
Coal. Clover Fork Coal Company. 224,927; Mar. 8; Serial No. 236,634; published Dec. 7, 1926.
Coal. Mary Helen Coal Corporation. 225,059; Mar. 8; Serial No. 238,065; published Dec. 7, 1926.
Coal. Old Straight Creek Coal Corporation. 224,829; Mar. 8; Serial No. 238,194; published Dec. 7, 1926.
Coal. Old Straight Creek Coal Corporation. 225,051–2; Mar. 8; Serial Nos. 238,192–3; published Dec. 7, 1926.
Coal-tar pitch. Barrett Manufacturing Company. 62,608; renewed May 14, 1927.
Coke. Miller Coke Corporation. 225,056; Mar. 8; Serial No. 237,869; published Dec. 14, 1926.
Furs and skins, Unfinished. Mei-Hwa Fur Trading Corporation. 225,014; Mar. 8; Serial No. 229,746; published Dec. 21, 1926.
Graphite. Joseph Dixon Crucible Company. 62,784; renewed May 28, 1927.
Graphite. Joseph Dixon Crucible Company. 62,977; renewed June 14, 1927.
Horses. A. L. Fitz Patrick. 224,922; Mar. 8; Serial No. 237,733; published Dec. 21, 1926.
Leather. Max Hertz Leather Company. 224,816; Mar. 8; Serial No. 237,958; published Dec. 14, 1926.
Rosin. Foreign Traders Company. 224,865; Mar. 8; Serial No. 237,659; published Dec. 14, 1926.
Silver-lead or plumbago foundry facings and pulverized graphite. United States Graphite Co. 62,978; renewed June 4, 1927.

CLASS 2.

Paper bags, wrapping paper, and paper boards. Union Bag and Paper Company. 62,141; renewed Apr. 23, 1927.
Receptacles and attachments, Metallic. Protectoseal Company of America, Inc. 224,912; Mar. 8; Serial No. 222,279; published Dec. 21, 1926.

CLASS 3.

Horseshoes. Chillington Tool Company. 51,495; renewed Mar. 26, 1927.

CLASS 4.

Cleaner, Dry. Delete Company. 225,046; Mar. 8; Serial No. 238,363; published Dec. 21, 1926.
Cleaner or detergent. Diversey Manufacturing Company. 225,092; Mar. 8; Serial No. 239,025; published Dec. 14, 1926.
Cleaners, Dry. Wynn Products Company. 225,044; Mar. 8; Serial No. 238,825; published Dec. 21, 1926.
Cleaning and polishing preparations and grease solvent. Dry-Carbona Products Company. 224,845; Mar. 8; Serial No. 231,901; published Dec. 21, 1926.
Cleanser for automobiles and furniture, pianos, etc. J. W. Williams. 224,951; Mar. 8; Serial No. 207,323; published Dec. 21, 1926.
Cream for dressing and polishing leather. California Leather Dressing Company. 225,089; Mar. 8; Serial No. 239,087; published Dec. 21, 1926.
Detergent and washing powders. N. K. Fairbank Company. 30,219; renewed June 15, 1927.
Detergent and washing powders. N. K. Fairbank Company. 30,115; renewed June 1, 1927.
Detergent, Mineral. B. Payne. 224,916; Mar. 8; Serial No. 238,557; published Dec. 21, 1926.
Paste which is used as a soap and a spot and stain remover. Fade-A-Way Products Co. 225,063; Mar. 8; Serial No. 239,048; published Dec. 21, 1926.
Polish. J. R. Carr. 225,093; Mar. 8; Serial No. 239,022; published Dec. 14, 1926.
Polish, leather cleaning and conserving preparations, Shoe. Welt-Wachs-Werk Egbert Günther Söhne. 224,847; Mar. 8; Serial No. 231,508; published Dec. 21, 1926.
Polish, Metal. J. W. Dicus. 225,008; Mar. 8; Serial No. 234,257; published Dec. 21, 1926.
Polish, Stove. Joseph Dixon Crucible Company. 62,976; renewed June 4, 1927.
Preparation for cleaning glass. Crystola Mfg. Co. 225,060; Mar. 8; Serial No. 237,787; published Dec. 21, 1926.
Preparation for cleaning oil-gummed brakes, clutches, etc. Lubricant Laboratories, Inc. 224,791; Mar. 8; Serial No. 238,660; pnulished Dec. 21, 1926.
Preparation for whitening stonework. Topp's Dressing Co. 28,835; renewed Sept. 1, 1926.
Soap. P. G. Cameron. 224,963; Mar. 8; Serial No. 236,672; published Dec. 21, 1926.
Soap. N. K. Fairbank Company. 63,626; renewed July 2, 1927.
Soap. Palmolive Company. 225,086; Mar. 8; Serial No. 239,135; published Dec. 14, 1926.
Soap. Procter & Gamble Company. 225,057; Mar. 8; Serial No. 237,921; published Dec. 21, 1926.
Soap, Dry-cleaning. Beltine Chemical & Mfg. Co. 225,084; Mar. 8; Serial No. 239,161; published Dec. 21, 1926.
Soap, Nursery. Hastings Research Group, Inc. 225,097; Mar. 8; Serial No. 238,854; published Dec. 21, 1926.
Soaps. Colgate & Co. 63,219; renewed June 11, 1927.
Soaps. C. J. Diaz. 225,099; Mar. 8; Serial No. 238,843; published Dec. 14, 1926.
Soaps. Houbigant, Inc. 225,026; Mar. 8; Serial No. 234,475; published Dec. 21, 1926.
Soaps. John Wanamaker Philadelphia. 225,004; Mar. 8; Serial No. 239,686; published Dec. 14, 1926.
Soaps in powdered and cake form. Great Atlantic & Pacific Tea Company. 62,778; renewed May 28, 1927.
Soaps, Liquid and other. W. & F. Walker. 29,022; renewed Oct. 20, 1926.
Strops. Robt. H. Ingersoll, Inc. 224,960; Mar. 8; Serial No. 236,753; published Dec. 21, 1926.
Strops, Razor. Koken Companies. 225,094; Mar. 8; Serial No. 238,981; published Dec. 14, 1926.
Treated dust cloths, brake dressing, enamel cleaner, etc. Out West Manufacturing Co. 224,814; Mar. 8; Serial No. 220,861; published Feb. 23, 1926.

CLASS 5.

Paste. Prang Company. 224,962; Mar. 8; Serial No. 236,710; published Dec. 7, 1926.

CLASS 6.

Anæsthetic used in dentistry. Twilight Sleep Company. 225,108; Mar. 8.
Analgesic and antirheumatic. Farbenfabriken vorm. Friedr. Bayer & Co. 62,613; renewed May 14, 1927.
Antirheumatic and analgesic. Farbenfabriken vorm. Friedr. Bayer & Co. 62,856; renewed May 28, 1927.
Antiseptic and healing powder. Societe Dr. Fumouze & Cie. 225,048; Mar. 8; Serial No. 238,405; published Dec. 21, 1926.
Antiseptic compound. L. F. Piquett. 63,583; renewed June 25, 1927.
Bitters. Foster-Milburn Co. 63,417; renewed June 18, 1927.
Bluing, Bag. E. Z. Adams. 225,031; Mar. 8; Serial No. 238,763; published Dec. 21, 1926.
Carbon dioxide in solid or semisolid form. Carbice Corporation of America. 225,005; Mar. 8; Serial No. 239,612; published Dec. 21, 1926.
Carbon dioxide in solid or semisolid form. Carbice Corporation of America. 225,065; Mar. 8; Serial No. 239,611; published Dec. 21, 1926.
Caustic soda, soda ash, etc. Michigan Alkali Company. 224,848; Mar. 8; Serial No. 231,157; published Dec. 21, 1926.
Chemical and pharmaceutical products. Chemische Fabrik von Heyden, Gesellschaft mit beschränkter Haftung. 29,942; renewed May 4, 1927.
Chemical preparations. C. Raspe. 29,728; renewed Mar. 23, 1927.
Chemicals having a narcotic influence. Firm of E. Merck. 29,658; renewed Mar. 9, 1927.
Coal-tar products excepting dyes. Barrett Manufacturing Company. 29,556; renewed Feb. 2, 1927.
Composition for manufacturing glass batch. J. Kempner. 29,552; renewed Feb. 2, 1927.
Compound for the treatment of the nerves of the teeth. Stratford-Cookson Company. 225,032; Mar. 8; Serial No. 238,750; published Dec. 21, 1926.
Compound in suppository form for the cure and alleviation of female disorders. H. E. Currey. 60,387; renewed Feb. 5, 1927.
Corn flour and cornstarch and laundry starch. National Starch Manufacturing Company. 30,327; renewed July 6, 1927.
Corn plasters, foot-bath powders and toilet powders. Kurt Krisp. 224,947; Mar. 8; Serial No. 217,160; published Dec. 14, 1926.
Cosmetics, pastes, powders, and toilet preparations. Parfumerie Roger et Gallet. 224,824; Mar. 8; Serial No. 237,875; published Nov. 16, 1926.
Cosmetics, pastes, powders, and toilet preparations. Parfumerie Roger et Gallet. 224,825; Mar. 8; Serial No. 237,873; published Nov. 16, 1926.
Cough drops. Davies, Rose & Co., Ltd. 50,571; renewed Mar. 20, 1926.
Cream and eczema cure, Massage. Blanke-Baer Chemical Company. 61,247; renewed Mar. 12, 1927.
Cream, talcum powder, tooth paste, laxative tablets, and shampoo preparation, Skin. Noxzema Chemical Co. 225,012; Mar. 8; Serial No. 230,679; published Dec. 14, 1926.
Creams and powders, Facial. M. M. Munter. 224,795; Mar. 8; Serial No. 238,606; published Dec. 21, 1926.
Dentifrice. Herman C. G. Luyties and Frederick A. Luyties. 29,840; renewed Apr. 13, 1927.
Deodorizers, antiseptics, disinfectants, and sterilizers. C. C. Allebach. 224,996; Mar. 8; Serial No. 239,839; published Dec. 21, 1926.
Destroyers and exterminators, Rat, vermin, and insect. E. S. Wells. 59,991; renewed Jan. 22, 1927.
Dyes, dyestuffs, etc. General Dyestuff Corporation. 224,827; Mar. 8; Serial No. 237,802; published Dec. 14, 1926.
Dyestuff. Badische Anilin and Soda-Fabrik. 29,687–9; renewed Mar. 9, 1927.
Extract of thyroid glands. Farbenfabriken, vormals Fr. Bayer & Co. 29,406; renewed Jan. 5, 1927.
Insecticide, disinfecting, fumigating, deodorizing, and antiseptic preparations, etc. Midland Chemical Laboratories. 224,959; Mar. 8; Serial No. 236,764; published Dec. 21, 1926.
Insecticides. H. O. Huntington. 225,075; Mar. 8; Serial No. 239,306; published Dec. 14, 1926.
Iodids, Substitutes for. Farbenfabriken vorm. Friedr. Bayer & Co. 61,730; renewed Apr. 2, 1927.
Iodine compound, Organic. H. A. Metz Laboratories, Inc. 224,955; Mar. 8; Serial No. 225,233; published Dec. 21, 1926.
Lactate and citrate of silver and all pharmaceutical preparations of silver. Chemische Fabrik von Heyden, Gesellschaft mit beschränkter Haftung. 29,133; renewed Nov. 10, 1926.
Lanolin and lanolin salves. Wollwäscherei und Kämmerei. 58,052; renewed Dec. 4, 1926.
Lanolin and preparations thereof. Wollwäscherei und Kämmerei. 57,875; renewed Nov. 27, 1926.
Laxative, Candy. L. Perrigo Company. 224,879; Mar. 8; Serial No. 228,389; published Dec. 21, 1926.
Massage and cleansing cream, etc. Milky-Way Company. 225,082; Mar. 8; Serial No. 239,187; published Dec. 14, 1926.
Medical compound salve. J. Cefola. 224,876; Mar. 8; Serial No. 222,440; published Dec. 21, 1926.
Medicinal compound. L. B. Hawkins. 225,006; Mar. 8; Serial No. 234,439; published Dec. 14, 1926.
Medicinal preparation. Larned Company. 224,925; Mar. 8; Serial No. 236,648; published Dec. 21, 1926.
Medicinal preparations. Eli Lilly & Company. 61,924; renewed Apr. 9, 1927.
Medicine. T. A. Slocum Co. 63,587; renewed June 25, 1927.
Medicine for use as an antacid. W. H. Frersing. 225,002; Mar. 8; Serial No. 239,705; published Dec. 21, 1926.
Medicines. Citizens' Wholesale Supply Company. 63,438; renewed June 18, 1927.
Medicines. E. S. Wells. 62,289; renewed Apr. 23, 1927.
Nail polish, nail-polish remover, etc. I. Kleckner. 224,817; Mar. 8; Serial No. 237,966; published Dec. 14, 1926.
Nonfreezing solution, Radiator. F. Pfeifer. 224,941; Mar. 8; Serial No. 228,828; published Dec. 21, 1926.

Nonfreezing solutions for automobile radiators. Firewater Sales Company. 224,867; Mar. 8; Serial No. 237,602; published Dec. 14, 1926.
Oils. E. F. Houghton & Co. 225,022; Mar. 8; Serial No. 234,844; published Dec. 14, 1926.
Ointment. N. C. Goodwin's Laboratory, Inc. 225,069; Mar. 8; Serial No. 239,470; published Dec. 14, 1926.
Ointment for eczema. Veitch (Chemist) Limited. 225,043; Mar. 8; Serial No. 238,198; published Dec. 14, 1926.
Pastes and powders and perfumery. Parfumerie Roger et Gallet, Société Anonyme. 225,077; Mar. 8; Serial No. 239,263; published Dec. 21, 1926.
Pepto-bismol, a liquid demulcent preparation. Norwich Pharmacal Company. 224,933; Mar. 8; Serial No. 236,388; published Dec. 14, 1926.
Perfumes and toilet creams. John Wanamaker Philadelphia. 225,003; Mar. 8; Serial No. 239,687; published Dec. 21, 1926.
Perfumes and toilet waters, Liquid and powder. Colgate & Co. 63,264; renewed June 11, 1927.
Perfumes, astringents, bandoline, beautifier creams, brilliantine, etc. French Beauty Products Co. 225,098; Mar. 8; Serial No. 238,484; published Dec. 21, 1926.
Perfumes, toilet waters, sachets, vegetals, etc. Cheramy, Inc. 225,115; Mar. 8.
Phosphorus and analogous chemical compounds. Albright & Wilson, Limited. 30,409; renewed July 20, 1927.
Powder, Face. Western Laboratories, Inc. 225,074; Mar. 8; Serial No. 239,339; published Dec. 28, 1926.
Powder, Fly and insect killing. J. C. Hensley. 224,943; Mar. 8; Serial No. 219,625; published Dec. 14, 1926.
Preparation for the treatment of sour stomach, bad breath, headache, etc. Mobilax Manufacturing Co. 224,872; Mar. 8; Serial No. 223,857; published Dec. 21, 1926.
Preparation for use against syphilis in each stage. Chemisch-Pharmazeutische A. G. Bad Homburg. 224,810; Mar. 8; Serial No. 224,744; published Sept. 28, 1926.
Preparation for use in the treatment of cancer. R. L. Levliner. 224,841; Mar. 8; Serial No. 232,732; published Dec. 14, 1926.
Preparation, Water-soinble. J. A. von Wülfing. 225,018; Mar. 8; Serial No. 229,067; published Dec. 14, 1926.
Preparations. H. E. Stratton. 224,868; Mar. 8; Serial No. 232,798; published Dec. 14, 1926.
Prophylactics. 2 Tube Company. 225,107; Mar. 8.
Remedies, Fever and ague. C. H. & F. L. Osgood. 63,287; renewed June 11, 1927.
Remedies for catarrh, hay fever, etc. John J. Reardon and Thomas Kenyon. 29,832; renewed Apr. 13, 1927.
Salt. H. J. Gilbert. 224,967; Mar. 8; Serial No. 237,546; published Nov. 9, 1926.
Salts, Blood. Western Pharmacal Company. 225,080; Mar. 8; Serial No. 239,210; published Dec. 14, 1926.
Shampoo and bay rum. Barcelona Products Co. Inc. 225,113; Mar. 8.
Shampoo powder. P. P. Mülhens. 224,877; Mar. 8; Serial No. 227,132; published Oct. 5, 1926.
Sirup, arnica lotion, headache tablets, etc., Cough. Stansbury Drug Co. 224,860; Mar. 8; Serial No. 238,532; published Dec. 14, 1926.
Soda and silicate of soda not used in connection with compounds for scalding raw wool, Caustic. Joseph Crosfield & Sons, Limited. 29,630; renewed Mar. 2, 1927.
Soda, Bicarbonate of. Citizens' Wholesale Supply Company. 62,610; renewed May 14, 1927.
Soda, Caustic. Chance & Hunt Limited. 63,589; renewed June 25, 1927.
Solution for automobile radiators, Nonfreeze. Apex Laboratories Inc. 224,792; Mar. 8; Serial No. 238,634; published Dec. 14, 1926.
Spray, Nose and throat. Schreiber Products Corporation. 225,001; Mar. 8; Serial No. 239,722; published Dec. 21, 1926.
Tartar, Cream of. Citizens' Wholesale Supply Company. 62,922; renewed May 28, 1927.
Tonic. Toxalin Chemical Co. 224,939; Mar. 8; Serial No. 235,186; published Dec. 21, 1926.

CLASS 7.

Metal and wire goods, chains, cables, conductors, etc. Felton & Guilleaume. 26,769; renewed July 2, 1925.

CLASS 8.

Ash receivers. S. C. Fish. 224,930; Mar. 8; Serial No. 239,926; published Dec. 21, 1926.
Cigarette and cigar rest, holder for match boxes, ash and stub containers. J. H. Marshall. 225,112; Mar. 8.
Pipes. Split-Stem-Pipe Corporation. 224,949; Mar. 8; Serial No. 215,882; published Dec. 21, 1926.

CLASS 9.

Fuses. Coast Manufacturing & Supply Co. 61,643; renewed Apr. 2, 1927.
Shotguns, pistols, revolvers, and rifles. Remington Arms Company. 60,248; renewed Jan. 29, 1927.
Shot shells, gun wads, rifle cartridges, shot, smokeless and semismokeless powders, etc. Western Cartridge Company. 224,874; Mar. 8; Serial No. 222,897; published Dec. 21, 1926.

CLASS 11.

Crayons, inks, and similar articles used in lithography. W. Korn. 30,215; renewed June 15, 1927.

CLASS 12.

Argillaceous-earth admixture used for concrete and plaster. Colloy Production Company. 224,930; Mar. 8; Serial No. 236,464; published Dec. 7, 1926.
Asphalt and asphalt felt. Roofings Incorporated. 224,794; Mar. 8; Serial No. 238,619; published Dec. 14, 1926.
Bituminous compound for the protection of metal against corrosion. Quigley Furnace Specialties Company. 224,973; Mar. 8; Serial No. 237,335; published Dec. 21, 1926.
Cement, Portland. Associated Portland Cement Manufacturers (1900), Limited. 62,502; renewed May 14, 1927.
Cement, Portland. Oklahoma Portland Cement Company. 63,506; renewed June 25, 1927.
Cements, High-temperature. Parker-Russell Mining & Mfg. Co. 225,013; Mar. 8; Serial No. 230,499; published Dec. 14, 1926.
Cements of special quality, rapidly hardening, and of high resistance, Portland. C. B. R. Cimenteries et Briqueteries Réunies S. A. 224,855; Mar. 8; Serial No. 233,636; published Dec. 21, 1926.
Cements, Portland. C. B. R. Cimenteries et Briqueteries Réunies S. A. 224,873; Mar. 8; Serial No. 223,115; published Dec. 7, 1926.
Chemical stains for cement floors. Color Control Company. 224,863; Mar. 8; Serial No. 237,492; published Dec. 14, 1926.
Felt and paper for roofing and covering for insulation against heat and cold. J. A. & W. Bird & Co. 62,505; renewed May 14, 1927.
Felt for use in the construction of buildings, Deadening. Barrett Manufacturing Company. 62,504; renewed May 14, 1927.
Granite, Cut. Cold Spring Granite Co. 224,926; Mar. 8; Serial No. 236,636; published Dec. 7, 1926.
Graphite paint and pipe "cement". United States Graphite Co. 62,971; renewed June 4, 1927.
Insulating materials, Thermal. Banner Rock Products Co. 225,049; Mar. 8; Serial No. 238,419; published Dec. 14, 1926.
Lath, Metal. Milwaukee Corrugating Company. 224,909; Mar. 8; Serial No. 238,989; published Dec. 21, 1926.
Manufactures from cement and asbestos, bitumen, plaster, concrete, etc. Eternit Pietra Artificiale (London) Limited. 224,849; Mar. 8; Serial No. 234,110; published Dec. 7, 1926.
Metal gratings for floors and staircases. Irving Iron Works Company. 224,833; Mar. 8; Serial No. 238,721; published Dec. 21, 1926.
Roofing and sheathing felt. Barrett Manufacturing Company. 61,627; renewed Apr. 2, 1927.
Roofing, Felt. Union Paper & Twine Company. 62,606; renewed May 21, 1927.
Roofing, Ready tar and felt. Barrett Manufacturing Company. 60,693; renewed Feb. 19, 1927.
Sashes and doors, window and door frames, stairways, etc. Schell-Sasse Manufacturing Company. 224,798; Mar. 8; Serial No. 238,560; published Dec. 14, 1926.
Sheathing, packing, or filling, Builders'. Samuel Cabot, Inc. 224,937; Mar. 8; Serial No. 235,334; published Dec. 7, 1926.
Slates, Roofing and structural. Blue Ridge Quarries, Inc. 224,956; Mar. 8; Serial No. 221,163; published Dec. 7, 1926.
Weather strip. W. J. Dennis & Company. 225,054; Mar. 8; Serial No. 238,107; published Dec. 7, 1926.

CLASS 13.

Chains and conveyer chains, Drive. Link-Belt Company. 63,003; renewed June 4, 1927.
Chains, conveyer chains, and chain cables, Drive. Link-Belt Company. 63,503; renewed June 25, 1927.
Culvert pipe, Cast-iron. American Casting Company. 224,979; Mar. 8; Serial No. 237,060; published Dec. 21, 1926.
Hardware. Frantz Manufacturing Co. 224,942; Mar. 8; Serial No. 220,515; published Dec. 7, 1926.
Metal conduits for grease guns, Flexible. Shere Metal Products Corp. 225,011; Mar. 8; Serial No. 230,768; published Dec. 21, 1926.
Pipes and fittings, Wrought-iron. John Simmons Co. 30,131; renewed June 1, 1927.

CLASS 14.

Copper and zinc plates for photo-engravers' uses. American Steel & Copper Plate Co. 59,343; renewed Jan. 8, 1927.

CLASS 15.

Kerosene. Associated Oil Company. 225,119; Mar. 8.
Lubricants. United States Graphite Co. 61,816; renewed Apr. 9, 1927.
Lubricants. Vacuum Oil Company. 30,162; renewed June 8, 1927.
Oils and greases. Standard Oil Company (New Jersey). 224,804; Mar. 8; Serial No. 228,447; published Aug. 17,1926.

Oils and greases, Lubricating. Citizens Wholesale Supply Company. 62,145; renewed Apr. 23, 1927.
Oils, greases, and gasoline, Lubricating. Refiners Oil Co. 224,832; Mar. 8; Serial No. 238,812; published Dec. 21, 1926.
Oils, Lubricating and fuel. General Lubricating Company. 224,837; Mar. 8; Serial No. 238,714; published Dec. 21, 1926.
Oils, Lubricating and fuel. Independent Oil and Gas Company. 225,110; Mar. 8.

CLASS 16.

Enamels and varnishes, Automobile and metal. C. L. Lloyd. 225,101; Mar. 8.
Enamels, Paint. W. W. Lawrence & Company. 224,821; Mar. 8; Serial No. 238,322; published Dec. 21, 1926.
Lead, White. Carter White Lead Company. 59,820; renewed Jan. 22, 1927.
Paint. Joseph Dixon Crucible Company. 62,783; renewed May 28, 1927.
Paint, bronze, brushes, etc., Artists' sets containing plastic relief. J. Rubin. 225,095; Mar. 8; Serial No. 238,921; published Dec. 14, 1926.
Paint, Coal-tar. Protexol Corporation. 224,932; Mar. 8; Serial No. 236,391; published Dec. 14, 1926.
Paints. J. N. Adam & Co. 224,866; Mar. 8; Serial No. 237,671; published Nov. 23, 1926.
Paints. Baer Bros. 225,102; Mar. 8.
Paints. D. P. W. Company. 224,808; Mar. 8; Serial No. 227,342; published Dec. 21, 1926.
Paints, Preservative. Shay-Cuprite Laboratories Inc. 224,828; Mar. 8; Serial No. 238,196; published Dec. 14, 1926.
Painters' materials. Standard Varnish Works. 63,350; renewed June 18, 1927.
Stains, Wood and shingle. S. Cabot. 63,871; renewed July 9, 1927.

CLASS 17.

Cigarettes. Dimitrino & Co. 224,805; Mar. 8; Serial No. 228,090; published Dec. 28, 1926.
Cigarettes, Virginia Splits, Inc. 224,911; Mar. 8; Serial No. 238,927; published Dec. 28, 1926.
Cigars. Cuesta, Rey & Co. 60,148; renewed Jan. 29, 1927.
Cigars. Gene-Vall Cigar Co. 224,954; Mar. 8; Serial No. 163,677; published May 29, 1923.
Cigars. S. W. Kohler. 224,905; Mar. 8; Serial No. 239,181; published Dec. 28, 1926.
Stogies. H. Hazlett. 62,779; renewed May 28, 1927.
Stogies. H. Hazlett. 62,837; renewed May 28, 1927.
Stogies. H. Hazlett. 62,880–1; renewed Mar. 28, 1927.
Stogies. H. Hazlett. 63,310–11; renewed June 11, 1927.
Tobacco, cigars, and cigarettes. Malson Pierre Bardou-Job. 63,177; renewed June 11, 1927.

CLASS 19.

Bicycles, velocipedes, and similar vehicles. Geo. N. Pierce & Co. 28,257; renewed May 12, 1926.
Vehicles, Used or secondhand motor. Sterrett & Fleming, Inc. 225,000; Mar. 8; Serial No. 239,726; published Dec. 21, 1926.

CLASS 20.

Floor covering, Prepared. Paraffine Companies, Inc. 224,982; Mar. 8; Serial No. 240,089; published Dec. 21, 1926.

CLASS 21.

Batteries, Storage. W. M. Auerbach. 224,961; Mar. 8; Serial No. 236,718; published Dec. 21, 1926.
Electric-lighting fixtures and electric-lighting-fixture units. Westinghouse Electric & Manufacturing Company. 225,090; Mar. 8; Serial No. 239,072; published Dec. 21, 1926.
Electrical cable, Steel-armored. Hazard Manufacturing Company. 225,072; Mar. 8; Serial No. 239,364; published Dec. 21, 1926.
Electrical insulating compositions and compounds. Ohio Brass Company. 224,790; Mar. 8; Serial No. 238,663; published Dec. 21, 1926.
Electrical insulating materials. American Hard Rubber Company. 63,388; renewed June 18, 1927.
Radio receiving sets and parts thereof, etc. Ford Radio & Mica Corporation. 225,016; Mar. 8; Serial No. 230,095; published Dec. 21, 1926.
Radio receiving sets, loud speakers, etc. Reichmann Company. 225,017; Mar. 8; Serial No. 230,356; published Dec. 21, 1926.
Signal horns and sirens electrically operated. Siracode Signal Corporation. 224,843; Mar. 8; Serial No. 232,102; published Dec. 21, 1926.
Vacuum cleaners. Wise-McClung Company. 224,999; Mar. 8; Serial No. 239,728; published Dec. 21, 1926.

CLASS 22.

Balls, Golf, cricket, hockey, etc. Game Balls Company Limited. 224,809; Mar. 8; Serial No. 226,953; published Dec. 28, 1926.
Clay, Packaged modeling. Illinois Clay Products Company. 224,898–9; Mar. 8; Serial Nos. 239,367–8; published Dec. 28, 1926.
Dolls, Kid-body bisque-head. J. D. Kestner, jr. 29,129; renewed Nov. 10, 1926.
Game. Face Corporation. 224,895; Mar. 8; Serial No. 239,578; published Dec. 28, 1926.
Golf clubs. Wilson-Western Sporting Goods Company. 224,846; Mar. 8; Serial No. 231,709; published Dec. 21, 1926.
Toy airplanes. Lewis E. Myers & Company. 224,838; Mar. 8; Serial No. 238,690; published Dec. 28, 1926.
Toy dolls, birds, hens, cocks, and animals. T. Fujiyasu. 224,844; Mar. 8; Serial No. 231,915; published Dec. 21, 1926.
Wire, linen leader line, fishing flies, etc., Plated music. Pacific Marine Supply Co. 224,908; Mar. 8; Serial No. 238,993; published Dec. 28, 1926.

CLASS 23.

Bushings. Metalastic Inc. 224,992; Mar. 8; Serial No. 239,890; published Dec. 21, 1926.
Chucks, arbors, and mandrels. Morse Twist Drill & Machine Company. 59,614; renewed Jan. 15, 1927.
Churns and separators used in the dairy business. J. S. Anderson. 224,851; Mar. 8; Serial No. 234,071; published Dec. 21, 1926.
Cutlery. Cattaraugus Cutlery Co. 63,389; renewed June 18, 1927.
Drilling machines. Cincinnati Bickford Tool Company. 224,995; Mar. 8; Serial No. 239,843; published Dec. 21, 1926.
Gear, Power-transmission. Hardware Products Company. 224,994; Mar. 8; Serial No. 239,856; published Dec. 21, 1926.
Hoes. D. & H. Scovil. 29,529; renewed Jan. 26, 1927.
Machinery and parts thereof. Link-Belt Company. 63,609; renewed July 2, 1927.
Mower and reaper knife sections. R. Herschel Manufacturing Company. 60,798; renewed Feb. 19, 1927.
Perforating machines. Julius Sternfield, Inc. 224,799; Mar. 8; Serial No. 237,138; published Dec. 21, 1926.
Pliers without cutting edges. Hammel, Riglander & Co. 62,997; renewed June 4, 1927.
Sewing machines. Chicago Mail Order Company. 225,106; Mar. 8.
Tools, Watchmakers' hand. Kendrick & Davis. 62,434; renewed May 7, 1927.

CLASS 25.

Padlocks, trunk locks, cabinet locks, and door locks. Eagle Lock Company. 61,391; renewed Mar. 19, 1927.

CLASS 26.

Cameras. Vicam Photo Appliance Corporation. 225,105; Mar. 8.
Pyrometer tubes. Champion Porcelain Company. 224,920; Mar. 8; Serial No. 237,263; published Dec. 21, 1926.
Scales, machines, apparatus, counting machines, etc., Weighing. Toledo Scale Company. 224,940; Mar. 8; Serial No. 235,084; published Nov. 2, 1926.

CLASS 27.

Clocks. Time-Ad Corporation. 225,041; Mar. 8; Serial No. 238,291; published Dec. 21, 1926.
Watch movements and watchcases. Illinois Watch Case Company. 224,966; Mar. 8; Serial No. 237,551; published Dec. 21, 1926.
Watchcases. Dueber Watch Case Manfg. Co. 30,133; renewed June 8, 1927.
Watches. Gothic Watch Co. Inc. 225,073; Mar. 8; Serial No. 239,362; published Dec. 21, 1926.
Watches and chronometers, watch movements, watchcases, etc. Société Anonyme Mido (Aktiengesellschaft Mido) (Mido Limited). 225,024; Mar. 8; Serial No. 234,491; published Dec. 21, 1926.
Watches, watchcases, and watch movements. Helbein-Stone Company. 224,958; Mar. 8; Serial No. 221,061; published Dec. 21, 1926.

CLASS 28.

Badges, lapel buttons, etc., Fraternity. Phi Delta Theta. 224,978; Mar. 8; Serial No. 237,131; published Dec. 21, 1926.
Bracelets, brooches, bar pins, necklets, etc. J. Schwab. 224,830; Mar. 8; Serial No. 238,342; published Dec. 21, 1926.
Buttons and oriental pearls, Porcelain. F. Schmetz. 29,472; renewed Jan. 12, 1927.
Silver-plated flatware, tableware, hollow ware, and cutlery. Oneida Community, Limited. 224,923; Mar. 8; Serial No. 237,750; published Dec. 21, 1926.

CLASS 29.

Hairbrushes. Geo. R. Gibson Co. 225,029; Mar. 8. Serial No. 213,132; published Dec. 28, 1926.
Powder puffs. M. Gerard. 224,885; Mar. 8; Serial No. 240,250; published Dec. 28, 1926.
Toothbrushes. New York Merchandise Company. 225,120; Mar. 8.

CLASS 30.

Earthenware and porcelain. Josiah Wedgwood & Sons Ltd. 62,522; renewed May 14, 1927.
Pottery and ceramic products of all kinds, Fine. Société Anonyme pour la Fabrication des Faiences Fines et Produits Céramiques. 59,679; renewed Jan. 15, 1927.

CLASS 32.

Easels, 'Artists'. Ernst H. Friedrichs, Inc. 224,811; Mar. 8; Serial No. 223,293; published Dec. 21, 1926.
Tables and filing cases, Drawing. R. G. Manning. 59,036; renewed Jan. 1, 1927.
Wall cases, display tables, revolving wardrobes, etc. Grand Rapids Show Case Company. 224,800; Mar. 8; Serial No. 236,931; published Dec. 21, 1926.

CLASS 33.

Glassware. Graham & Zenger, Inc. 225,028; Mar. 8; Serial No. 214,154; published Dec. 21, 1926.
Globes for lamps and lanterns. R. E. Dietz Company. 63,423; renewed June 18, 1927.

CLASS 34.

Lamp shades. Greist Manufacturing Co. 224,880; Mar. 8; Serial No. 227,835; published June 1, 1926.
Lamps, Oil-burning. R. E. Dietz Company. 63,507; renewed June 25, 1927.
Lanterns, Oil-burning tubular hand. R. E. Dietz Company. 63,341; renewed June 18, 1927.

CLASS 35.

Belting, Leather. Jewel Belting Company. 29,909; renewed Apr. 27, 1927.
Brake lining. Cresswell's Asbestos Co. Ltd. 225,045; Mar. 8; Serial No. 238,360; published Dec. 21, 1926.
Brake lining, etc. Anchor Packing Company. 224,948; Mar. 8; Serial No. 216,762; published Dec. 21, 1926.
Packing, gaskets, and rubber compound. Peerless Rubber Mfg. Co. 29,620; renewed Mar. 2, 1927.
Piston rings. American Hammered Piston Ring Company. 225,103–4; Mar. 8.
Tires and tubes for vehicles. C. Kenyon Company. 224,985; Mar. 8; Serial No. 240,079; published Dec. 21, 1926.
Tires, Pneumatic automobile. India Tire and Rubber Company. 224,998; Mar. 8; Serial No. 239,752; published Dec. 21, 1926.

CLASS 36.

Musical instruments. W. H. Heckel. 225,015; Mar. 8; Serial No. 225,359; published Dec. 21, 1926.

CLASS 37.

Diaries. C. Wolfberg. 225,042; Mar. 8; Serial No. 238,241; published Dec. 21, 1926.
Duplicating devices. F. S. Webster Company. 30,260; renewed June 29, 1927.
Forms used for listing, etc., of property. F. B. Betts, jr. 224,944; Mar. 8; Serial No. 219,369; published Dec. 21, 1926.
Paper, Printing, writing, wrapping, and surface-coated. Dill & Collins. 29,902; renewed Apr. 27, 1927.
Papers, Bond ledger, linen, and writing. Union Card & Paper Co. 63,181; renewed June 11, 1927.
Pencils. Joseph Dixon Crucible Company. 63,119; renewed June 4, 1927.
Pencils. A. Winter. 224,835; Mar. 8; Serial No. 237,715; published Dec. 21, 1926.
Pencils, Lead and crayon. Joseph Dixon Crucible Company. 63,498; renewed June 25, 1927.
Pencils, Lead and crayon. Joseph Dixon Crucible Company. 63,528; renewed June 25, 1927.
Printed forms and blanks. J. H. Rogers. 224,024; Mar. 8; Serial No. 237,765; published Dec. 14, 1926.
Tally sheets and tally pads. F. J. Hummel. 224,960; Mar. 8; Serial No. 237,505; published Dec. 21, 1926.
Wall paper. Robert Griffin Company. 224,940; Mar. 8; Serial No. 217,512; published Sept. 14, 1926.

CLASS 38.

Booklets, circulars, and pamphlets. Missouri-Kansas-Texas Railroad Company. 224,857; Mar. 8; Serial No. 233,279; published Nov. 23, 1926.
Calendars, Maturity. Conservator Co. 224,850; Mar. 8; Serial No. 234,101; published Dec. 21, 1926.
Comic strip. Macfadden Publications, Incorporated. 225,034; Mar. 8; Serial No. 238,727; published Dec. 21, 1926.
Magazine. McKelvie Publishing Company. 224,971; Mar. 8; Serial No. 237,464; published Dec. 21, 1926.
Magazine. Men's Wear Service Corporation. 224,976; Mar. 8; Serial No. 237,184; published Dec. 14, 1926.
Magazine. A. W. Shaw Company. 224,974; Mar. 8; Serial No. 237,289; published Dec. 21, 1926.
Magazine, Monthly. American Fruits Publishing Co. 225,066; Mar. 8; Serial No. 239,607; published Dec. 14, 1926.
Magazine, Monthly. Gas Station Topics, Inc. 224,852; Mar. 8; Serial No. 233,929; published Sept. 14, 1926.
Magazine, Monthly. Gulf States Farmer Company. 225,067; Mar. 8; Serial No. 239,582; published Dec. 14, 1926.
Magazine, Monthly. A. D. Hosterman. 61,420; renewed Mar. 19, 1927.
Magazine, Monthly. Southwest Magazine Company. 225,064; Mar. 8; Serial No. 239,630; published Dec. 14, 1926.
Magazines. Cleveland Retail Grocers Association. 225,070; Mar. 8; Serial No. 239,464; published Dec. 14, 1926.
Newspaper. Boston Publishing Company. 224,997; Mar. 8; Serial No. 239,792; published Dec. 14, 1926.
Newspaper. Illinois Printing & Publishing Co. 57,368; renewed Nov. 13, 1926.
Newspaper. L'Opinione Italian Publishing Co. 63,099; renewed June 4, 1927.
Newspaper column. Title of a. B. A. Schellhase. 224,861; Mar. 8; Serial No. 238,528; published Dec. 21, 1926.
Paper, Monthly trade. New Orleans Association of Master Plumbers. 224,831; Mar. 8; Serial No. 238,338; published Dec. 21, 1926.
Periodical. F. Brady. 59,695; renewed Jan. 15, 1927.
Publication. Bethlehem Steel Company. 224,903; Mar. 8; Serial No. 234,889; published Dec. 21, 1926.
Publication. City Ice Company of Kansas City. 224,881; Mar. 1; Serial No. 226,963; published Dec. 21, 1926.
Publication. Marion Steam Shovel Company. 225,055; Mar. 8; Serial No. 237,817; published Dec. 14, 1926.
Publication. A. McAnsh. 224,914; Mar. 8; Serial No. 221,625; published Dec. 21, 1926.
Publication. Roycrofters. 225,020; Mar. 8; Serial No. 234,873; published Oct. 12, 1926.
Publication and catalogues. Diebold Safe & Lock Company. 224,902; Mar. 8; Serial No. 236,082; published Dec. 21, 1926.
Publication, Monthly. R. G. Dun & Co. 224,819; Mar. 8; Serial No. 238,309; published Dec. 21, 1926.
Publication, Weekly. R. G. Dun & Co. 225,040; Mar. 8; Serial No. 238,308; published Dec. 21, 1926.
Stamps, Personal. W. L. Hall. 225,053; Mar. 8; Serial No. 238,116; published Dec. 21, 1926.
Trading stamps. G. Varney. 224,970; Mar. 8; Serial No. 237,483; published Dec. 14, 1926.

CLASS 39.

Bathing suits, caps, shoes, etc. Milbury Atlantic Manufacturing Co. 225,027; Mar. 8; Serial No. 217,080; published Nov. 23, 1926.
Boots and shoes. Selby Shoe Co. 64,022; renewed July 9, 1927.
Clothing. H. Black & Co. 58,969–70; renewed Dec. 25, 1926.
Dresses. Barmon Brothers Company. 225,114; Mar. 8.
Dresses and hats for women and children, and coats, suits, sweaters, etc., made of knitted fabrics. Security Mills, Inc. 225,118; Mar. 8.
Gloves. C. F. Berg. 224,968; Mar. 8; Serial No. 237,532; published Dec. 21, 1926.
Hats and caps. Gordon & Ferguson. 28,422; renewed June 23, 1926.
Hats, Straw. Bronston Bros. and Co. 224,975; Mar. 8; Serial No. 237,260; published Dec. 7, 1926.
Hats, Trimmed. Lyon Brothers Millinery Company. 225,087; Mar. 8; Serial No. 239,124; published Dec. 21, 1926.
Knitted goods. American Hosiery Company. 60,352; renewed Feb. 5, 1927.
Knitted goods. American Hosiery Company. 60,372; renewed Feb. 5, 1927
Knitted goods. American Hosiery Company. 60,401; renewed Feb. 5, 1927.
Overalls, sack coats, aprons, pants, etc. Franklin Overall Company. 224,904; Mar. 8; Serial No. 225,917; published Dec. 7, 1926.
Shoes. Fargo-Hallowell Shoe Co. 225,009; Mar. 8; Serial No. 231,146; published Dec. 21, 1926.
Shoes, cloaks, capes, dresses, etc. Bedell Company. 224,917; Mar. 8; Serial No. 237,774; published Dec. 21, 1926.
Undergarments and sweaters, Knit union or combination. Sterling Knit Goods Co. 62,439; renewed May 7, 1927.

CLASS 40.

Hairpins, combs, and hair ornaments. Fishel, Nessler & Company. 63,194; renewed June 11, 1927.

CLASS 42.

Carpets, covers, and furniture stuffs. Gebrüder Schoeller. 28,979; renewed Oct. 13, 1926.
Cloths, Finished. F. A. Sayles. 29,815; renewed Apr. 13, 1927.
Cotton duck. Denison Cotton Mill Company. 61,157; renewed Mar. 5, 1927.
Cotton duck. Denison Cotton Mill Company. 61,893; renewed Apr. 9, 1927.
Cotton piece goods. Jackson Company. 63,047; renewed June 4, 1927.
Cotton piece goods and cotton blankets. Jackson Company. 62,554; renewed May 14, 1927.
Cotton sheetings. Columbus Manufacturing Company. 224,803; Mar. 8; Serial No. 233,107; published Dec. 21, 1926.
Cotton sheetings, shirtings, and drills. Henrietta Mills. 63,171; renewed June 11, 1927.
Curtains, laces in the piece, Lace and textile. Trucraft Curtains, Inc. 224,882; Mar. 8; Serial No. 238,878; published Dec. 21, 1926.
Fabric for protection against insects, Open-mesh. I. E. Palmer. 60,136; renewed Jan. 29, 1927.
Fabrics, all silk, crepe faille, Broad silk. Klotz Silk Manufacturing Co. Inc. 225,036; Mar. 8; Serial No. 238,319; published Dec. 21, 1926.
Hair nets. Winnie Winkle Fashions, Inc. 225,085; Mar. 8; Serial No. 239,159; published Dec. 21. 1926.

Pile fabrics in the piece. Sidney Blumenthal & Co. Inc. 224,993; Mar. 8; Serial No. 239,877; published Dec. 21, 1926.
Sheets and pillowcases of muslin. James McCreery & Company. 224,864; Mar. 8; Serial No. 237,679; published Dec. 7, 1926.
Textile fabrics. Allentown Knit Fabrics Co. 224,812; Mar. 8; Serial No. 222,808; published Dec. 21, 1926.
Textile rugs, curtains, table covers, and bedspreads. S. S. Sarna. 224,801; Mar. 8; Serial No. 234,450; published Dec. 21, 1926.
Woolen piece goods. Keys & Lockwood. 225,100; Mar. 8.
Worsted and woolen textile fabrics. Holden-Leonard Co. 225,030; Mar. 8; Serial No. 238,787; published Dec. 21, 1926.
Woven, knitted, netted, textile, and pile fabrics in the piece. Cheney Brothers. 224,987–8; Mar. 8; Serial Nos. 239,967–8; published Dec. 21, 1926.

CLASS 43.

Cotton and linen thread. H. E. Locke & Co. Inc. 224,989; Mar. 8; Serial No. 239,940; published Dec. 21, 1926.
Cotton on spools and reels, Sewing. J. & P. Coats, Limited. 60,307–8; renewed Feb. 5, 1927.

CLASS 44.

Pads and plasters for corns, etc. Scholl Manufacturing Company. 224,953; Mar. 8; Serial No. 199,256; published Sept. 2, 1924.
Protectors, Bunion. Fischer Manufacturing Company. 60,131; renewed Jan. 29, 1927.
Stethoscopes or instruments for rendering audible sounds in the human body. M. W. Nachfolger. 29,723; renewed Mar. 23, 1927.

CLASS 45.

Beverages. Caton Spring Water Co. 224,883; Mar. 8; Serial No. 240,340; published Dec. 28, 1926.
Beverages. E. Mascolo. 224,890; Mar. 8; Serial No. 240,083; published Dec. 28, 1926.
Beverages of various flavors. John G. Epping Bottling Works, Inc. 225,035; Mar. 8; Serial No. 238,845; published Dec. 28, 1926.
Ginger ale, lemonade, and soda water. W. A. Ross & Sons Limited. 30,123; renewed June 1, 1927.
Grape juice. Safeway Stores, Incorporated. 224,893; Mar. 8; Serial No. 239,598; published Dec. 21, 1926.
Preparation for coloring, flavoring, and clarifying a non-alcoholic maltiess beverage. Ben-Burk System, Inc. 225,019; Mar. 8; Serial No. 234,888; published Dec. 21, 1926.
Root beer. R. R. Price. 224,878; Mar. 8; Serial No. 236,851; published Dec. 21, 1926.
Water, Aerated, distilled. John Graf Co. 224,906; Mar. 8; Serial No. 239,172; published Dec. 28, 1926.

CLASS 46.

Apples, Dried. Northern Mercantile Co. 224,983–4; Mar. 8; Serial Nos. 240,085–6; published Dec. 21, 1926.
Apples, Fresh. W. Joseph. 224,823; Mar. 8; Serial No. 237,911; published Dec. 21, 1926.
Apples, Fresh. Nashoba Apple Packing Association Incorporated. 224,913; Mar. 8; Serial No. 221,632; published Dec. 7, 1926.
Barley-malt extract, Powdered. Schreiber Products Corporation. 225,047; Mar. 8; Serial No. 238,401; published Dec. 14, 1926.
Beef, Sliced smoked. F. W. Siebert. 61,069; renewed Mar. 5, 1927.
Beverages made from milk and cream, Prepared. A. H. Thoumaian. 63,739; renewed July 2, 1927.
Biscuits, F. B. Washburn & Co. "Corporation." 29,949; renewed May 4, 1927.
Bread. E. B. Chamberlain. 224,862; Mar. 8; Serial No. 238,486; published Dec. 14, 1926.
Bread. Detroit Bread Company. 225,050; Mar. 8; Serial No. 238,430; published Dec. 14, 1926.
Bread. E. Gase. 224,938; Mar. 8; Serial No. 235,260; published Dec. 14, 1926.
Butter. Indiana Produce Company. 224,897; Mar. 8; Serial No. 239,416; published Dec. 21, 1926.
Butter and ice cream. N. W. Maas & Sons. 225,116; Mar. 8.
Candies, Pulling. Stern & Saalberg Company. 62,179; renewed Apr. 23, 1927.
Candy. E. J. Brach & Sons. 224,991; Mar. 8; Serial No. 239,917; published Dec. 21, 1926.
Candy. George Close Co. 225,079; Mar. 8; Serial No. 239,242; published Dec. 21, 1926.
Candy. Charles N. Miller Co. 225,038; Mar. 8; Serial No. 238,331; published Dec. 7, 1926.
Candy. F. M. Paist Company. 224,886; Mar. 8; Serial No. 240,210; published Dec. 28, 1926.
Candy. Robinette's, Inc. 224,907; Mar. 8; Serial No. 239,139; published Dec. 28, 1926.
Candy. A. Slauson & Co. 63,511; renewed June 25, 1927.
Candy. George Ziegler Co. 224,900; Mar. 8; Serial No. 239,345; published Dec. 21, 1926.
Candy, Chocolate. Bishop and Company. 224,892; Mar. 8; Serial No. 239,610; published Dec. 28, 1926.
Candy tablets, Compressed. Aromint Mfg. Co. 224,842; Mar. 8; Serial No. 232,535; published Dec. 21, 1926.
Canned caviar. M. J. & H. J. Meyer Co. 224,820; Mar. 8; Serial No. 238,330; published Dec. 28, 1926.
Canned cherries, beets, string beans, etc. Holley Canning Co. 224,826; Mar. 8; Serial No. 237,811; published Dec. 28, 1926.
Canned chicken. W. F. Smith and Company. 225,076; Mar. 8; Serial No. 239,273; published Dec. 7, 1926.
Canned fish, shellfish, fruits, vegetables, etc. A. W. & H. H. Behrens. 224,806; Mar. 8; Serial No. 239,558; published Dec. 21, 1926.
Canned fruits, vegetables, and fish. H. Jevne Co. 224,986; Mar. 8; Serial No. 240,078; published Dec. 21, 1926.
Canned salmon. Pelling, Stanley & Co., Ltd. 225,109; Mar. 8.
Canned salmon, canned peaches, evaporated fruits, corn meal, dried beef, etc. Fleming-Wilson Mercantile Co. 225,111; Mar. 8.
Canned vegetables and berries. Sanborn-Cutting Company. 224,871; Mar. 8; Serial No. 223,870; published Dec. 7, 1926.
Canned vegetables and pickles. Lakeside Packing Company. 225,010; Mar. 8; Serial No. 230,930; published Dec. 21, 1926.
Canned vegetables and sauerkraut. Gopher State Canneries, Inc. 224,834; Mar. 8; Serial No. 238,715; published Dec. 28, 1926.
Canned vegetables and spices. Great Atlantic & Pacific Tea Company. 62,927; renewed May 28, 1927.
Catchup, pickles, vinegar, etc., Tomato. Harbauer Company. 224,977; Mar. 8; Serial No. 237,170; published Dec. 14, 1926.
Cereal coffee. E. Ginsburg. 224,797; Mar. 8; Serial No. 238,562; published Dec. 21, 1926.
Cereal compounds, Breakfast. Perco Cereal Co. 225,062; Mar. 8; Serial No. 239,674; published Dec. 21, 1926.
Cherries, apricots, peaches, pears, etc., Fresh. California Fruit Exchange. 224,869; Mar. 8; Serial No. 232,754; published Dec. 21, 1926.
Cocoa powder and cocoa products. Kakao-Kompagnie Theodor Reichardt G. m. b. H. 224,035–6; Mar. 8; Serial No. 235,647–8; published Dec. 14, 1926.
Coffee. American Coffee Corporation. 224,888–9; Mar. 8; Serial Nos. 240,123–4; published Dec. 28, 1926.
Coffee. John Blaul's Sons Co. 63,497; renewed June 25, 1927.
Coffee. Great Atlantic & Pacific Tea Co. 225,007; Mar. 8; Serial No. 234,299; published Dec. 7, 1926.
Coffee. H. M. B. Mack. 224,813; Mar. 8; Serial No. 221,184; published Dec. 28, 1926.
Coffee. Trigg, Dobbs & Company. 224,884; Mar. 8; Serial No. 240,325; published Dec. 28. 1926.
Coffee. Woolson Spice Company. 62,083; renewed Apr. 16, 1927.
Coffee. Woolson Spice Company. 62,822; renewed May 28, 1927.
Coffee and chicory, Compound of. McComb Coffee Co 225,021; Mar. 8; Serial No. 234,857; published Dec 7, 1926.
Coffee and chicory, Compound of. A. H. Niolon & Son, Inc. 225,078; Mar. 8; Serial No. 239,259; published Dec. 21, 1926.
Coffee and tea. W. S. Quinby Company. 61,616; renewed Mar. 26, 1927.
Coffee and tea. W. S. Quinby Company. 61,864; renewed Apr. 9, 1927.
Coffee, Wheat. Potter & Wrightington. 60,489; renewed Feb. 12, 1927.
Confection, Frozen. Joseph W. Dubraks. 225,061; Mar. 8; Serial No. 237,794; published Nov. 30, 1926.
Confection, Frozen. Frick Ice Cream Company. 224,818; Mar. 8; Serial No. 238,314; published Dec. 14, 1926.
Corn meal. American Corn Millers Federation. 224,840; Mar. 8; Serial No. 238,477; published Dec. 21, 1926.
Cornstarch. Corn Products Refining Company. 63,439; renewed June 18, 1927.
Dates, Dried. L. D. Cherry. 224,919; Mar. 8; Serial No. 237,149; published Dec. 21, 1926.
Egg product for mayonnaise dressing, Emulsifying. Emulsol Corporation. 224,796; Mar. 8; Serial No. 238,575; published Dec. 14, 1926.
Eggs. Alex Wilson Company. 225,037; Mar. 8; Serial No. 238,353; published Dec. 14, 1926.
Extracts, Flavoring. Blanke-Baer Chemical Company. 61,063; renewed Mar. 5, 1927.
Extracts, Flavoring. Enterprise Chemical Co. 224,915; Mar. 8; Serial No. 221,541; published Dec. 14, 1926.
Flour and pure rye flour, Wheat. H. Slemmer. 224,965; Mar. 8; Serial No. 237,570; published Dec. 14, 1926.
Flour, coffee, and tea, Wheat. S. B. Mandell. 225,039; Mar. 8; Serial No. 238,327; published Dec. 14, 1926.
Flour, Self-rising. American Grocer Company. 224,921; Mar. 8; Serial No. 237,214; published Dec. 21, 1926.
Flour, Wheat. Claro Milling Company. 225,068; Mar. 8; Serial No. 239,508; published Dec. 14, 1926.
Flour, Wheat. New Prague Flouring Mill Company. 61,905–6; renewed Apr. 9, 1927.
Flour, Wheat. Pillsbury Flour Mills Company. 225,096; Mar. 8; Serial No. 238,867; published Dec. 14, 1926.
Flour, Wheat. J. Allen Smith & Company. 224,910; Mar. 8; Serial No. 238,886; published Dec. 21, 1926.

Flour, Wheat. Wells Flour Milling Company. 61,915–16; renewed Apr. 9, 1927.
Flour, Wheat, Whaley Mill & Elevator Co. 62,669; renewed May 21, 1927.
Flour, Wheat. Whaley Mill & Elevator Co. 62,737; renewed May 21, 1927.
Foods for poultry and pigeons, Nutritive and tonic. Taylor Bros. 63,425; renewed June 18, 1927.
Fruit, Fresh deciduous. Modesto Fruit Exchange. 224,870; Mar. 8; Serial No. 233,218; published Dec. 14, 1926.
Fruit jams. Old Virginia Packing Co. 224,901; Mar. 8; Serial No. 239,312; published Dec. 28, 1926.
Fruits. Chapman Orchards. 224,887; Mar. 8; Serial No. 240,171; published Dec. 28, 1926.
Fruits. Redlands Co-Operative Fruit Association. 224,981; Mar. 8; Serial No. 240,004; published Dec. 21, 1926.
Fruits and berries, Cold-pack. Southern Canning & Packing Co. 225,023; Mar. 8; Serial No. 234,636; published Dec. 21, 1926.
Fruits and fresh citrous fruits and fresh grapes, Fresh deciduous. Ivanhoe Mutual Orchards, Inc. 224,839; Mar. 8; Serial No. 238,552; published Dec. 28, 1926.
Fruits and fresh vegetables. Fresh citrous. Southland Fruit & Vegetable Exchange, Inc. 224,980; Mar. 8; Serial No. 240,100; published Dec. 21, 1926.
Glucose. Corn Products Refining Company. 63,306–7; renewed June 11, 1927.
Herrings in sauce, Preserved. Aberdeen Preserving Company Limited. 224,891; Mar. 8; Serial No. 239,689; published Dec. 28, 1926.
Mackerel. Salt. Fortmann, Doscher & Co. Inc. 224,875; Mar. 8; Serial No. 222,738; published Dec. 7, 1926.
Malted dry food extracts. Horlicks Food Co. 29,795; renewed Apr. 6, 1927.
Mayonnaise sandwich spread, olive oil, cocoa, etc. Cross Abbott Company. 224,854; Mar. 8; Serial No. 233,637; published Dec. 14, 1926.
Meat and salad sauces and dressings. Citizens' Wholesale Supply Company. 62,921; renewed May 28, 1927.
Milk and butter, Evaporated and condensed. Great Atlantic & Pacific Tea Company. 62,926; renewed May 28, 1927.
Milk and cream, Evaporated and condensed. Mohawk Condensed Milk Co. 62,043; renewed Apr. 16, 1927.
Milk, Condensed. Mohawk Condensed Milk Co. 30,249; renewed June 22, 1927.
Milk, Goats'. T. W. Conron. 224,853; Mar. 8; Serial No. 233,766; published Dec. 14, 1926.
Oats, Rolled. American Cereal Company. 29,632; renewed Mar. 2, 1927.
Oil, Olive. Barcelona Products Co. Inc. 225,117; Mar. 8.
Oranges. Arata & Peters, Inc. 224,950; Mar. 8; Serial No. 208,736; published Dec. 7, 1926.
Oranges, lemons, and grapefruit. W. H. Jameson. 225,083; Mar. 8; Serial No. 239,178; published Dec. 7, 1926.
Oranges, lemons, grapefruit, etc. Coachella Valley Grapefruit Association. 225,088; Mar. 8; Serial No. 239,091; published Dec. 7, 1926.
Peanuts and milk-chocolate peanuts, Salted. Susu Nut Co. 225,091; Mar. 8; Serial No. 239,071; published Dec. 7, 1926.
Pickles. Gladbrook Mustard Factory. 224,945; Mar. 8; Serial No. 218,549; published Dec. 14, 1926.
Pickles. J. J. Inaffner. 224,815; Mar. 8; Serial No. 237,905; published Dec. 7, 1926.
Poultry mashes and scratches. Huffine Grain Company. 225,071; Mar. 8; Serial No. 239,365; published Dec. 14, 1926.
Prunes, Dried and evaporated. H. S. Gile & Co. 62,066; renewed Apr. 16, 1927.
Raisins, Dried. Sun-Maid Raisin Growers of California. 224,807; Mar. 8; Serial No. 227,695; published Dec. 28, 1926.
Sandwiches, Peanut-butter. Vegetarian Food and Nut Co. 224,929; Mar. 8; Serial No. 236,517; published Nov. 23, 1926.
Sausage, corn beef, and smoked beef. Feinberg Kosher Sausage Company. 224,952; Mar. 8; Serial No. 205,326; published Dec. 7, 1926.
Sirup, Malt. Grey Eagle Malt Syrup Company 224,928; Mar. 8; Serial No. 236,551; published Dec. 14, 1926.
Sirup, Malt. Valentin Blatz Brewing Company. 225,081; Mar. 8; Serial No. 230,207; published Dec. 14, 1926.
Sirup, Table. Roddenbery Bros. 225,033; Mar. 8; Serial No. 238,743; published Dec. 14, 1926.
Spices, flavoring extracts, salad dressing, and sauces. E. R. Durkee & Co. 30,095; renewed May 25, 1927.
Tankage and dry feed meal. Pan-American Feed Milling Company. 224,964; Mar. 8; Serial No. 236,654; published Dec. 14, 1926.
Tea. J. D. Bowen. 225,058; Mar. 8; Serial No. 238,007; published Dec. 7, 1926.
Tea. C. Lain. 224,802; Mar. 8; Serial No. 236,277; published Nov. 30, 1926.
Tomato sauce, concentrated grapes, cheeses, preserved peas, etc. Alimenture Val D'Arda. 224,806; Mar. 8; Serial No. 227,870; published Dec. 21, 1926.
Tomatoes, apples, and peaches, Fresh and canned. H. W. Anderson. 224,972; Mar. 8; Serial No. 237,352; published Dec. 7, 1926.
Vegetable fat for baking, frying, cooking, and shortening, Pure. K. & F. Vegetable Products Co. 224,894; Mar. 8; Serial No. 239,585; published Dec. 21, 1926.
Vegetables, Fresh. P. D. McMillan. 224,918; Mar. 8; Serial No. 237,465; published Dec. 28, 1926.
Wheat and rye preparations and bakery products. Potter & Wrightington. 59,313; renewed Jan. 8, 1927.
Wine, Spanish sherry. Borges & Levy. 224,934; Mar. 8; Serial No. 235,706; published Dec. 14, 1926.
Yeast. K. T. Donovan. 224,858–9; Mar. 8; Serial No. 238,544-5; published Dec. 14, 1926.

CLASS 48.

Beer. Chr. Heurich Brewing Company. 30,124; renewed June 1, 1927.
Beer and malt extracts. Chr. Heurich Brewing Company. 30,153; renewed June 8, 1927.
Malt sirup used as a flavoring extract for soft drinks. L. di Folco. 224,856; Mar. 8; Serial No. 233,425; published Dec. 21, 1926.

CLASS 49.

Whisky. Geo. A. Dickel & Co. 30,156; renewed June 8, 1927.

CLASS 50.

Composition blanks from which are cut rubber heels and soles. O'Sullivan Rubber Company. 225,025; Mar. 8; Serial No. 234,483; published Dec. 14, 1926.
Kennels, Dog. W. E. Simpson. 224,793; Mar. 8; Serial No. 238,623; published Dec. 14, 1926.
Waterproof and water-repellent textiles. Putnam-Hooker Company. 224,836; Mar. 8; Serial No. 237,695; published Dec. 14, 1926.

ALPHABETICAL LIST OF LABELS.

Boat House Coffee 'Cincy's Favorite Drink.' For Boat House Coffee. Boat House Coffee Company. 31,740; Mar. 8.
Bondex Red Line Solid Round Belting. For Leather Belting. Charles Bond Company. 31,741; Mar. 8.
Bubbling Over. For Malt Tonic. J. Frederick. 31,747; Mar. 8.
Buildoblox Junior Set. For an Instructive Game. Strombeck-Becker Mfg. Co. 31,771; Mar. 8.
Dentomint. For Dentifrice. Foster Chemical Company. 31,746; Mar. 8.
Eggs. For Eggs. Crown City Creamery Co. 31,742; Mar. 8.
Ese-Display. For Folding Display Boxes Used in the Display of Goods. Missouri Paper Products Company. 31,756; Mar. 8.
Fancy Quoddy Brand Boned Herring. For Canned Boned Herring. W. B. Mowry. 31,757; Mar. 8.
Ferguson's Perfecto Polish. For Polish. E. B. Ferguson. 31,745; Mar. 8.
H F Natural Hair Preserver. For Hair Tonic. H. Feinstein. 31,744; Mar. 8.
Hy-G. For a Cleaning Fluid for Danger Spots Such as Found in the Drains of Closet Bowls and Urinals. Great Northern Chemical Company. 31,750; Mar. 8.
Inner Harbor. For Tablets of Writing Paper. Schmidtman Company. 31,769; Mar. 8.
Mint-Cream Magnesia. For Magnesia. Towns & James. 31,772; Mar. 8.
Monticello Dairy. For Butter. Menasha Printing and Carton Company. 31,753; Mar. 8.
National Brand Distilled White Vinegar Reduced. For Vinegar. National Tea Co. 31,760; Mar. 8.
National Brand Highest Grade Full Strength Extract Lemon. For Extract of Lemon. National Tea Co. 31,761; Mar. 8.
National Brand Highest Grade Full Strength Extract Rose. For Extract of Rose. National Tea Co. 31,762; Mar. 8.
National Brand Highest Grade Full Strength Extract Orange. For Extract of Orange. National Tea Co. 31,763; Mar. 8.
National Brand Highest Grade Full Strength Extract True Fruit Strawberry. For Extract of True Fruit Strawberry. National Tea Co. 31,764; Mar. 8.
National Brand Reduced Cider Vinegar. For Vinegar. National Tea Co. 31,759; Mar. 8.
National Brand True Fruit Extract Raspberry. For True Fruit Extract of Raspberry. National Tea Co. 31,758; Mar. 8.
National's Best Brand Selected Queen Olives. For Olives. National Tea Co. 31,765; Mar. 8.
Plastoy—Play Time Clay. For Modeling Clay. Illinois Clay Products Company. 31,751; Mar. 8.

Santro Sanitary Teething Ring. For Teething Rings. Julius Schmid, Inc. 31,768; Mar. 8.
Sea Island. For Sheets and Pillowcases Made of Textile Fabrics. Defender Mfg. Company. 31,743; Mar. 8.
Stern and Tannenbaum. For Footwear. Frank C. Meyer Company. 31,755; Mar. 8.
The Health Spread Eat Likit Yeast Every Day. For Cheese-Yeast Cakes. J. L. Kellogg. 31,752; Mar. 8.
The Waldorf. For Paper Towels. Scott Paper Company. 31,770; Mar. 8.
U. S. Club House. For Cigars. Pennsylvania Cigar Corporation. 31,766; Mar. 8.
W.-M.-S. Wet Motor Starter. For a Fluid for Facilitating the Starting of Wet Automobile Motors. L. J. Fryer. 31,748; Mar. 8.
W. P. G. For Cigars. L. Rosenfelt. 31,767; Mar. 8.
Warrior River Crooks. For Cigars. A. J. Golden. 31,749; Mar. 8.
Wilbert. For Footwear. Frank C. Meyer Company. 31,754; Mar. 8.

ALPHABETICAL LIST OF PRINTS.

A New Enlivening Interest For Your Health Program. For Wheat Breakfast Food. Cream Of Wheat Co. 9,593; Mar. 8.
Be Sociable—Drink With Me. For Coca-Cola. Coca-Cola Company. 9,590; Mar. 8.
Children Dull After Wrong Breakfast. Schools Now Find. For Wheat Breakfast Food. Cream Of Wheat Co. 9,591; Mar. 8.
Comet Rice. For Uncoated White Rice. Comet Rice Co. 9,591; Mar. 8.
Dozens Of Different Ways To Use It For Convalescents. For Wheat Breakfast Food. Cream Of Wheat. 9,595; Mar. 8.
Flashlight. For Coal. Louis des Cognets & Company. 9,596; Mar. 8.
For Dessert. My-T-Fine. For Dessert Preparations. D & C Co. Inc. 9,598–9; Mar. 8.
Greater Chicago. For Houses. State Bank Of Chicago. 9,604; Mar. 8.
Greater Chicago Acres. For Houses. State Bank Of Chicago. 9,605; Mar. 8.
Kingsley Fabrics. For Woolen Piece Goods. S. Stein & Co. 9,606; Mar. 8.
Monday Only. For Grocery and Foods. T. D. Taylor. 9,608; Mar. 8.
Old Dutch Malt Syrup. For Malt Sirup. A. E. Kebler. 9,602; Mar. 8.
Refresh Yourself. For Coca-Cola. Coca-Cola Company. 9,588; Mar. 8.
So Refreshing. For Coca-Cola. Coca-Cola Company. 9,589; Mar. 8.
Standard Announces Silvertone Bulk-I-Mailer. For Envelopes. Standard Envelope Manufacturing Company. 9,603; Mar. 8.
Sunfire. For Coal. Louis des Cognets & Company. 9,597; Mar. 8.
The Choice Of The Nation. For Tomato Catchup. H. J. Heinz Company. 9,600; Mar. 8.
The Men Who Seek Fashionable Distinction In Dress Will Wear Wing Collars This Fall. For Arrow Collars. Cluett, Peabody & Co. 9,587; Mar. 8.
The Value of Starchy Foods For Artificially Fed babies. For Wheat Breakfast Food. Cream Of Wheat Co. 9,594; Mar. 8.
The World's Greatest Illuminations And The World's Greatest Headlight. For Automobile Lamps. Indiana Lamp Corporation. 9,601; Mar. 8.
Wednesday Only. For Grocery and Foods. T. D. Taylor. 9,607; Mar. 8.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. W. G. Block Company. 241,860; Mar. 8.
Coal. W. G. Block Company. 241,862; Mar. 8.
Coal. Meador and Young. 242,345; Mar. 8.
Coal. Moline Consumers Company. 242,240; Mar. 8.
Stone, Crushed, ground, and pulverized. A. H. Lloyd. 241,419; Mar. 8.

CLASS 2.

Barrels and staves, headings, and shooks therefor, Wooden. Lucas E. Moore Stave Co. of Ga. 243,164; Mar. 8.
Cages, Bird. L. J. Leon Mfg. Company. 242,010; Mar. 8.
Kegs, Wooden. Davis Cooperage Company. 242,881; Mar. 8.
Receptacles, Refuse. H. P. Chandlee Sons Co. 240,595; Mar. 8.
Tanks, Steel storage. Birmingham Tank Company. 234,290; Mar. 8.

CLASS 3.

Horseshoe studs. Leonhardt & Co. 241,577; Mar. 8.
Portfolios. Samuel Ward Manufacturing Company. 242,802; Mar. 8.

CLASS 4.

Cleaner for silverware, etc. S. Spyron. 242,759; Mar. 8.
Cleaner, Rug, carpet, upholstery, furniture, wall-paper, and enamel. A. B. Parker. 242,609; Mar. 8.
Dressing, Waterproof leather. E. E. Blackledge. 242,653; Mar. 8.
Hones. H. Greenberg. 242,479; Mar. 8.
Metal polish and cleaner, Cream. Randall Products Corporation. 242,210; Mar. 8.
Polish, Glass and metal. P. Roussey. 242,394; Mar. 8.
Soap. Haskins Brothers & Company. 243,361; Mar. 8.
Soap. Kenova Ice & Cold Storage Co. 242,727; Mar. 8.
Soap. J. B. Williams Company. 206,554; Mar. 8.
Soap, Liquid flea. Gray Miller Corporation. 242,336; Mar. 8.
Soap, soap powder, flour, chips, and flakes. Fitzpatrick Bros. 243,258; Mar. 8.

CLASS 5.

Paste. Brookman Manufacturing Co. 238,427; Mar. 8.

CLASS 6.

Antiseptic and disinfectant. Vestal Chemical Co. 242,637; Mar. 8.
Baking powder. L. R. Donelson, jr. 242,576; Mar. 8.
Blood purifier. C. Liscio & Company. 240,612; Mar. 8.
Chemical products. W. S. Gray & Co. 240,076; Mar. 8.
Cologne. A. P. Babcock Company. 240,238; Mar. 8.
Compositions, Fire-extinguishing. I. P. Thomas & Son Co. 243,121; Mar. 8.
Cough sirup. United Drug Company. 243,243; Mar. 8.
Disinfectant, deodorant, sterilizer, and germicide. W. T. Overton. 223,598; Mar. 8.
Disinfectants. H. G. MacEachen. 241,420; Mar. 8.
Dyestuffs. E. I. du Pont de Nemours and Company. 242,368; Mar. 8.
Hair restorer. G. and M. Chemical Co. 225,918; Mar. 8.
Laxative. Massey Brothers. 238,796; Mar. 8.
Laxative medicine. R. Euster. 242,579; Mar. 8.
Laxatives. Emsaco Laboratories, Inc. 241,402; Mar. 8.
Lotion for the treatment of gall sores, stiff joints, etc. J. C. Blackley. 243,252; Mar. 8.
Medical preparation for the treatment of hyperacidity, fermentation, and gas formation. Interstate Laboratories, Inc. 242,196; Mar. 8.
Medicated mint. R. Mead. 242,200; Mar. 8.
Medicinal product. S. Stamatakis. 237,706; Mar. 8.
Medicine. Ancestral Medicine Co. 241,855; Mar. 8.
Medicine. Gordon Drug Company. 242,888; Mar. 8.
Ointment, Foot. A. J. Rough. 242,312; Mar. 8.
Perfume, toilet water, face powder, talcum powder, bath salts, etc. Houbigant, Inc. 243,158; Mar. 8.
Perfume, toilet water, talcum powder, rouges, brilliantine, etc. La Salle Products, Inc. 242,673; Mar. 8.
Perfumes and natural and synthetic oils. Heine & Co. 243,090; Mar. 8.
Polishes, lip sticks, lip pastes, pomades, etc., Nail. T. & O. 242,925; Mar. 8.
Powders, creams, packs, vanishing creams, cosmetic lotions, etc., Face. Spencer Perfume Company. 240,278; Mar. 8.
Powders, rouges, eyebrow cravons, etc., Face, toilet, and shampoo. F. R. Arnold & Company. 240,947; Mar. 8.
Preparation for chapped hands, etc. J. A. Horigan. 243,156; Mar. 8.
Preparation for repelling mosquitos and for relieving irritation from insect bites. Gane & Ingram, Inc. 235,948; Mar. 8.
Preparation for the treatment of corns, warts, and calli. Capto Products Co. Inc. 242,083; Mar. 8.
Preparation for the treatment of necrotic enteritis, etc. Baker-Mayes Co. 243,080; Mar. 8.
Prophylactic, Venereal. M. Jacobs. 242,890; Mar. 8.
Salt, Table. Leslie California Salt Co. 242,013; Mar. 8.
Salve. F. M. Stuckey & Company. 242,215; Mar. 8.
Salve, Medicinal. Scientific Products, Inc. 241,585; Mar. 8.
Salves and creams. J. M. Prokofieff. 242,351; Mar. 8.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Sarsaparilla for medicinal use, carbolic salve, arnica salve, etc. Park Laboratory Company. 242,348; Mar. 8.
Shampoo. San-I-Sal Laboratories, Inc. 242,911; Mar. 8.
Shampoo and corrective for dandruff. E. A. Zink. 229,996; Mar. 8.
Solution, Nonfreeze. J. Deck. 243,037; Mar. 8.
Tonic, General. Garrett & Company. 240,182; Mar. 8.

CLASS 7.

Twine. John H. Davis Company. 238,106; Mar. 8.

CLASS 10.

Fertilizer. Wilbur Ellis Company. 242,873; Mar. 8.
Plant foods. J. S. Falck. 242,174; Mar. 8.

CLASS 11.

Ink, Writing. American Crayon Company. 241,509; Mar. 8.

CLASS 12.

Cement. North American Cement Corporation. 239,590–1; Mar. 8.
Cement, Portland. Michigan Alkali Company. 221,427–8; Mar. 8.
Cement, Portland and artificial Portland. Dodwell & Company. 214,063; Mar. 8.
Material for resurfacing and patching concrete and brick floors and the like. Argus Manufacturing Company. 242,361; Mar. 8.

CLASS 13.

Aluminum kitchen and cooking utensils. Illinois Pure Aluminum Co. 242,953; Mar. 8.
Iron and brass plumbing supplies. Thomas Devlin Manufacturing Company. 239,334; Mar. 8.
Irons, Waffle. Wrightsville Hardware Company. 241,917; Mar. 8.
Metal couplings, pipes, tubes and casings. National Tube Company. 236,811; Mar. 8.
Metal hatracks. Little Bear Specialties Company. 240,422; Mar. 8.
Showers and shower sprays, Portable. United Manufacturing Co. 241,591; Mar. 8.
Sprinkling systems and parts thereof. A. E. Chisholm. 235,113; Mar. 8.
Staples for use in stapling together sheets of paper, fiber, cardboard, etc. Markwell Manufacturing Co. 240,870; Mar. 8.
Toilets, Chemical. Western Metal Specialty Co. 239,209; Mar. 8.

CLASS 14.

Lead, solder, and babbitt, and metals and metal alloys. American Smelting & Refining Company. 225,541; Mar. 8.
Steel, Drill and tool. Ziv Steel & Wire Company. 242,329; Mar. 8.
Tin plate. Youngstown Sheet and Tube Company. 242,936–7; Mar. 8.

CLASS 15.

Gasoline. Benzo-Gas Motor Fuel Company. 241,314; Mar. 8.
Oils, Lubricating. E. F. Houghton & Co. 229,968; Mar. 8.

CLASS 16.

Cleaner, polish, and preservative for automobiles, furniture, etc., Combination. J. F. Rife. 241,183; Mar. 2.
Floor dressing. Southern Distributing Co. 243,326; Mar. 8.
Lacquers. John W. Masury & Son. 237,508; Mar. 8.
Paint and enamel. Wadsworth Howland & Co. 242,974; Mar. 8.
Paints. Great Lakes Varnish Works, Inc. 242,584; Mar. 8.
Paints, varnishes, and lacquers, Paste and ready-mixed. Atlantic Enamel and Lacquer Works, Inc. 241,919; Mar. 8.
Polisher and cleanser. S. R. Brown. 241,693; Mar. 8.

CLASS 17.

Cigars. D. J. Weinreich. 239,954; Mar. 8.
Tobacco. R. J. Reynolds Tobacco Company. 240,733; Mar. 8.

CLASS 19.

Airplanes. Huff Daland Airplanes, Inc. 242,952; Mar. 8.
Automobile rear-view mirrors. Mrs. D. F. Beauchamp. 241,768; Mar. 8.
Automobile rim for the wheels of automobiles. J. Cruz. 242,173; Mar. 8.
Automobiles. Reo Motor Car Company. 240,682; Mar. 8.
Bicycles. Shelby Cycle Company. 240,738; Mar. 8.
Rowboats and motor boats. Johnson Motor Co. 241,886; Mar. 8.
Trucks, Motor-driven. Yellow Truck & Coach Manufacturing Company. 224,686; Mar. 8.

CLASS 20.

Linoleum. Società Anonima del Linoleum di Giubiasco (Svizzera). 239,002; Mar. 8.

CLASS 21.

Aerial insulators and radiopanels, air circuit breakers, switches, coils, etc. Hye-Amp Battery Co. 207,189; Mar. 8.
Battery eliminators. Glenn L. Martin Company. 225,436; Mar. 8.
Electric motors. American Electric Motor Company. 241,853; Mar. 8.
Electric spotlights for vehicles. Glassmobile Corporation. 242,230; Mar. 8.
Electric vehicle lamps. Delta Electric Co. 241,990; Mar. 8.
Electrical apparatus. Supreme Electric Mfg. Co. 242,216; Mar. 8.
Electrical fittings. Erie Malleable Iron Company. 222,667; Mar. 8.
Electrically-operated mixing equipment. Mixing Equipment Co. 241,173; Mar. 8.
Radio apparatus and accessories. Glenn L. Martin Company. 225,435; Mar. 8.
Radio receiving sets. Filter-Flex Radio Corp. 242,717; Mar. 8.
Radio sets and parts thereof. J. P. Lieberman. 234,714; Mar. 8.

CLASS 22.

Baseball gloves and baseballs. Wilson-Western Sporting Goods Company. 240,837; Mar. 8.
Dolls. American Unbreakable Doll Corporation. 208,498; Mar. 8.
Golf balls. Arlington Rubber Company. 243,189; Mar. 8.

CLASS 23.

Bit braces, auger bits, screw clamps, figure dies, etc. Central Scientific Company. 213,000; Mar. 8.
Condensers. Bassick Manufacturing Company. 226,037; Mar. 8.
Planes, saws, and benches, Carpenters'. United Hardware & Tool Corporation 242,399; Mar. 8.
Razor blades, scissors, hair clippers, etc., Safety. W. P. Cremer. 237,786; Mar. 8.
Shovels, cranes, and drag lines, Gasoline. Speeder Machinery Corporation. 241,501; Mar. 8.
Vending machines. S. A. Leschin. 242,378; Mar. 8.

CLASS 24.

Ironing cushion pads. Thermwool Products Co. Inc. 241,847; Mar. 8.
Washing machines. Meadows Manufacturing Co. 238,797; Mar. 8.

CLASS 26.

Adding and accounting machines. Remington Typewriter Company. 242,440; Mar. 8.
Cameras and parts thereof. I. G. Farbenindustrie Aktiengesellschaft. 237,408; Mar. 8.
Electrical indicating apparatus for navigational purposes. Sperry Gyroscope Company. 226,309; Mar. 8.
Heat indicators for internal-combustion engines. Pyrene Manufacturing Company. 242,706; Mar. 8.
Optical instruments lenses, and optical products. L. H. Scadron. 239,320.; Mar. 8.
Patterns, Paper dress. Condé Nast Publications, Inc. 237,654; Mar. 8.

CLASS 28.

Jewelry. D. Lisner & Co. Inc. 242,380; Mar. 8.

CLASS 29.

Dusting cloths. B. Benoni. 238,157; Mar. 8.
Hairbrushes. R. W. Eyster. 203,941; Mar. 8.

CLASS 31.

Refrigerator show cases. Weber Showcase & Fixture Company. 229,482; Mar. 8.

CLASS 32.

Mirrors, Plate-glass. Hires Turner Glass Company. 238,656; Mar. 8.

CLASS 34.

Humidifying and purifying air, Apparatus for. Andre-White Corporation. 241,374; Mar. 8.
Lamp shades. H. Rogovin. 230,684; Mar. 8.
Oil burners. National Appliances Installations, Inc. 242,961; Mar. 8.
Oil burners, Domestic. Electrol, Inc. of Missouri. 241,522; Mar. 8.
Radiator humidifying shields and covers, Heating. Andre-White Corporation. 241,375; Mar. 8.
Shades for electric lights, Metal. M. S. Clawson. 241,394; Mar. 8.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 35.

Inner tubes, tire and tube patches, repair kits, etc., Rubber. Fisk Rubber Company. 241,817; Mar. 8.
Tire and tube patches and repair outfits. Fisk Rubber Company. 241,476; Mar. 8.
Tires. Fisk Rubber Company. 243,487; Mar. 8.
Tires, Pneumatic. Fisk Rubber Company. 241,406; Mar. 8.
Tires, Vehicle. Fisk Rubber Company 241,475; Mar. 8.
Tires, Vehicle. Fisk Rubber Company. 241,994; Mar. 8.

CLASS 36.

Mouthpieces for wind instruments. H. & A. Selmer, Inc. 242,921; Mar. 8.
Musical instruments of the zither type. International Musical Corporation. 239,369; Mar. 8.
Phonograph and parts thereof. American Automatic Products Corporation. 148,050; Mar. 8.
Phonographs, phonograph sound boxes, and phonograph needles. Walker Products Company. 241,594; Mar. 8.
Pianos. Lester Piano Company. 242,342; Mar. 8.
Pianos. A. Wagner & Levien Sucesores, Sociedad en Comandita. 228,340; Mar. 8.
Violins, violas, violoncellos, etc. Henry Stadlmair Co. 232,294; Mar. 8.

CLASS 37.

Albums. Eastman Kodak Company. 242,713–4; Mar. 8.
Diaries. Standard Diary Company. 242,695; Mar. 8.
Paper and mailing envelopes, Writing. White Wyckoff Manufacturing Company. 243,180; Mar. 8.
Paper, Crepe. American Tissue Mills. 242,700; Mar. 8.
Paper, paper towels, and paper napkins, Toilet. Wortendyke Manufacturing Co. 242,762; Mar. 8.
Paper, Writing and printing. Strathmore Paper Company. 242,760; Mar. 8.

CLASS 38.

Cartoon strips. Metropolitan Newspaper Service. 243,554–5; Mar. 8.
Cartoons. Metropolitan Newspaper Service. 243,553; Mar. 8.
Magazine. Chicago Golfer Publishing Co. 243,139; Mar. 8.
Magazine. Dell Publishing Company. 243,645; Mar. 8.
Magazine. A. MacRae. 242,841; Mar. 8.
Magazine. Jos. A. Morris & Co. 243,103; Mar. 8.
Magazine. Western Wheeled Scraper Co. 243,245; Mar. 8.
Magazine in the Spanish language, Monthly. Western Wheeled Scraper Co. 243,246; Mar. 8.
Magazine section. A. W. Shaw Company. 243,233; Mar. 8.
Magazines. Consrad Company Inc. 243,035; Mar. 8.
Newspaper. New York Times Company. 243,450; Mar. 8.
Newspaper. Times Publishing Company. 243,629; Mar. 8.
Periodical. Meliorate Club Company. 243,552; Mar. 8.
Periodicals. New York Times Company. 243,451; Mar. 8.
Printing or lithography. Products of a process of. C. Swartz. 233,587; Mar. 8.
Publication. American Photo-Engravers Association. 242,978; Mar. 8.
Publication. Civic Press. 243,587; Mar. 8.
Publication. United American Publishing Co. 243,294; Mar. 8.
Publications. New York Times Company. 243,452; Mar. 8.

CLASS 39.

Boots and shoes. Churchill and Alden Company. 238,487; Mar. 8.
Boots, shoes, slippers. Thomas G. Plant Company. 230,354; Mar. 8.
Caps, Men's. Cleveland & Whitehill Co. 242,707; Mar. 8.
Clothing and overalls, Children's. Eloesser-Heynemann Company. 242,333; Mar. 8.
Frocks and dresses, Ladies' and children's. Rice-Stix Dry Goods Company. 241,440; Mar. 8.
Gloves and mittens, Fabric. Boss Manufacturing Company. 241,980–1; Mar. 8.
Hats, caps, knickers, scarfs, etc. Charles S. Merton & Co. 241,066–7; Mar. 8.
Hats, Ladies', misses', and children's. Walter A. Muller Co. 242,792–3; Mar. 8.
Hosiery. Chandler boot Shops. 237,782; Mar. 8.
Hosiery. Standard Manufacturing Co. 240,930; Mar. 8.
Shoes. Cambridge Rubber Company. 226,942; Mar. 8.
Shoes and hosiery, Boys' and girls'. Hess Brothers. 233,188; Mar. 8.
Sole-leather products. Alpena Leather Corporation. 234,288; Mar. 8.
Suits, woolen garments, and knitted wear, Swimming. Columbia Knitting Mills. 241,395–6; Mar. 8.
Sweaters. Joseph B. Haber, Inc. 241,617; Mar. 8.

CLASS 40.

Pins, Lingerie. R. Freedman. 240,073; Mar. 8.

CLASS 42.

Cotton and linen goods in the piece. Tucapau Mills. 227,543; Mar. 8.
Cotton piece goods. Abbeville Cotton Mills. 213,542; Mar. 8.
Cotton piece goods. C. Topkis. 242,927; Mar. 8.
Handkerchief. M. Doob, Sons & Company. 241,701; Mar. 8.
Laces and embroideries. Thurnherr & Upton Co. 241,453; Mar. 8.
Silk, wool, and hairs, Piece goods of. Bianchimi Ferier. 241,028; Mar. 8.
Textile fabrics. Oriental Silk Printing Company. 243,278; Mar. 8.
Textile mattress covers. Jordan Marsh Company. 239,661; Mar. 8.
Woolen and cotton piece goods, woolen blankets, automobile robes, etc. Joshua Hoyle & Sons, Ltd. Inc. 241,104; Mar. 8.

CLASS 44.

Arch supporters. Mayer Arch Support Company. 241,738; Mar. 8.
Atomizers, applicators, breast pumps, finger cots, etc. S. H. Wetmore Company. 211,191; Mar. 8.
Belts, Electric. A. Nelson. 241,494; Mar. 8.
Belts for medical purposes, Electromagnetic. J. L. Elgholz. 242,987; Mar. 8.
Sanitary napkins. De Long Hook and Eye Company. 242,828; Mar. 8.
Sanitary napkins. Paper Novelty Company. 243,319–21; Mar. 8.
Sanitary pads. Sauquoit Paper Co. Inc. 242,914; Mar. 8.

CLASS 45.

Beverage and sirup for making the same. T. J. Beck. 243,191; Mar. 8.
Beverage and sirup for making the same. Rosenberg, Yochim & Stafford. 241,184; Mar. 8.
Beverages. Caledonia Springs Company. 241,694; Mar. 8.
Beverages. L. C. Kimsey. 230,742; Mar. 8.
Ginger ale and other flavors. Goldman & Freiman Bottling Co. 241,821; Mar. 8.
Water, Distilled. I. H. Jewell. 243,272; Mar. 8.

CLASS 46.

Apples and pears. Sheehy and Cumming. 230,594; Mar. 8.
Biscuits, Dog and puppy. K. O. Supply Company. 242,594; Mar. 8.
Bread, crackers, cakes, etc. Matthael Baking Co. 242,601; Mar. 8.
Candies. Blue Hill Candy Co. 242,773; Mar. 8.
Candy. C. W. Davis. 225,115; Mar. 8.
Candy. Charles N. Miller Co. 238,334; Mar. 8.
Candy. Stone Candy Company. 240,454; Mar. 8.
Canned fish. Seaconst Canning Company. 219,770; Mar. 8.
Canned food products. College Inn Food Products Co. 242,820; Mar. 8.
Canned salmon and clams. Tillamook Bay Fish Co. 242,632; Mar. 8.
Canned vegetables. J. Matoska. 242,434; Mar. 8.
Coffee. H. M. B. Mack. 221,182; Mar. 8.
Coffee. Sanitary Grocery Company, Incorporated. 243,389; Mar. 8.
Coffee. E. M. Swing. 240,375; Mar. 8.
Dairy products. Grafeman-McIntosh Ice Cream Company. 225,356; Mar. 8.
Doughnuts and doughnut mixture. Dawn Donut Company of Jackson. 233,482; Mar. 8.
Durum Semolina. Duluth-Superior Milling Company. 242,712; Mar. 8.
Extract from malt and rye. Ambrosia Malt Prod. Co. 237,010; Mar. 8.
Extracts, Flavoring. A. R. Martino. 240,273; Mar. 8.
Flour, Rye. Fisher & Faligatter. 232,458; Mar. 8.
Flour, Self-rising. Dundas Bros. Co. 225,874; Mar. 8.
Flour, Wheat. Bernet, Craft & Kauffman Milling Company. 230,155; Mar. 8.
Flour, Wheat. Fisher Flouring Mills Company. 242,530; Mar. 8.
Flour, Wheat. Hylton Flour Mills, Inc. 241,572; Mar. 8.
Flour, Wheat. Kansas Flour Mills Corporation. 240,721; Mar. 8.
Flour, Wheat. Larabee Flour Mills Company. 240,031; Mar. 8.
Food dressing in the form of a sauce. Shaw Family, Inc. 241,445; Mar. 8.
Fruit, Fresh deciduous. H. L. Frost. 242,423; Mar. 8.
Fruits. Brogdex Company. 188,526; Mar. 8.
Fruits, Dried. Goldenripe Fruits, Inc. 243,149; Mar. 8.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Fruits, Fresh citrous. C. T. Paine. 243,282; Mar. 8.
Grapes, Fresh. I. L. Perry. 243,285; Mar. 8.
Mustard, spices, cooking herbs, etc. R. T. French Company. 239,977; Mar. 8.
Oils, Olive. Compañia General de Aceites de Oliva, S. A. 204,220; Mar. 8.
Pecans. Dixie Pecan Growers Exchange, Inc. 242,524; Mar. 8.
Pickles. Hirsch Bros. & Co. Inc. 243,438; Mar. 8.
Potato flakes, dill relish, vegetable relish, sweet and sour pickles, etc. Kerr Products Company. 242,297; Mar. 8.
Poultry, Live. Lancaster Farms Hatchery. 225,885; Mar. 8.
Salad dressing, tomato catchup, pickles, evaporated fruits, dried raisins, etc. J. G. Salvato. 205,953; Mar. 8.
Sandwich cooky. Robert A. Johnston Co. 241,727; Mar. 8.
Tapioca, egg albumen, and egg yolk. Stein, Hall & Company Inc. 231,020; Mar. 8.

CLASS 47.

Wines. Martini & Rossi. 229,450; Mar. 8.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 8TH DAY OF MARCH, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

A C Spark Plug Company. (See Champion, Albert, assignor.)
Abele, Theodore J., assignor to Stuber & Kuck Co., Peoria, Ill. Display rack. 1,620,318; Mar. 8.
Abbott, Charles R., Los Angeles, Calif. Marble-polishing buffer. 1,619,961; Mar. 8.
Abbott, Harvey B., Glassboro, N. J. Composition of matter adapted to be used for building materials. 1,620,312; Mar. 8.
Ackerman, Hannibal R., Merrill, Wis. Snagless fishhook. 1,620,589; Mar. 8.
Acme Road Machinery Company. (See Cookinham, Edward F., assignor.)
Adrian, Matthew B., Milwaukee, Wis. X-ray machine. 1,619,962; Mar. 8.
Air Reduction Company. (See Wilkinson, Walter, assignor.)
Airo, Sally, assignor to Lincoln Manufacturing Company, Detroit, Mich. Beam-light fixture. Des. 72,125; Mar. 8.
Akron Rubber Mold and Machine Company. (See Michelson, Albert S., assignor.)
Alderman, Ira D., Clinton, N. C. Rural-mail-box indicator or flag. 1,620,314; Mar. 8.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. System of distribution. 1,620,506; Mar. 8.
Allan, William G., Toronto, Ontario, Canada, assignor, by mesne assignments, to F. G. Clark. Electrolytic apparatus and electrode therefor. 1,620,052; Mar. 8.
Allied Process Corporation. (See Czochralski, Johann, assignor.)
Allied Process Corporation. (See Czochralski, J., and Welter, assignors.)
Althaus, Henry. (See Gebhard, J. B., and Althaus.)
Altman, Fred E. (See Frederick, C. W., and Altman.)
Aluminate Sales Corporation. (See Evans, Wilson, assignor.)
Alvera, Josef. (See Wenz, J., Alvera, and Brunhübner.)
American Can Company. (See Hothersall, John M., assignor.)
American Chain Company. (See Fageol, Rollie B., assignor.)
American Cyanamid Company. (See Christmann, Ludwig J., assignor.)
American Engineering Company. (See Preston, Herbert E., assignor.)
American Flyer Manufacturing Company. (See Becker, Harry S., assignor.)
American Hoist & Derrick Company. (See Sederholm, John E., assignor.)
American Manganese Steel Company. (See Psilander, Charles A., assignor.)
American Telephone and Telegraph Company et al. (See Dunham, B. G., and Haines, assignors.)
American Telephone and Telegraph Company. (See Ohl, Russell S., assignor.)
American Telephone and Telegraph Company. (See Silent, Harold C., assignor.)
American Telephone and Telegraph Company. (See Vernam, Gilbert S., assignor.)
Amsco Products Inc. (See Hardy, Charles, assignor.)
Anderson, Harold N., Cleveland, Ohio. Toothed gear. 1,619,963; Mar. 8.
Anderson, Joseph F., Kansas City, Kans. Lubricating oil. 1,619,964; Mar. 8.
Antrobus, Mary, London, England. Seat. Des. 72,126; Mar. 8.
Antrobus, Mary, London, England. Bedstead. Des. 72,127; Mar. 8.
Antrobus, Mary, London, England. Table. Des. 72,128; Mar. 8.
Appleby, Thomas, assignor of one-third to C. D. Ehret, Philadelphia, Pa. Control Method and apparatus. 1,619,911; Mar. 8.
Arcade Manufacturing Company. (See Rubin, Adolph, assignor.)
Arnett, Florence, and L. Welspiel, San Francisco, Calif. Pot-holder rack. 72,129; Mar. 8.
Arnstein, Karl, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Hull construction of rigid airships. 1,620,507; Mar. 8.
Arnzen, Frank H., Grangeville, Idaho. Chain equipment for tires. 1,619,846; Mar. 8.
Art Specialty Company, The. (See Kaden, Harry E., assignor.)
Artesian Well Engineering Co., The. (See Jacobson, Conrad C., assignor.)
Arundel, Clarence E., assignor of one-half to F. F. Postell, Birmingham, Ala. Sheet-material toy. 1,620,053; Mar. 8.
Aseltine, Fred E., assignor to General Motors Research Corporation, Dayton, Ohio. Internal-combustion engine. 1,619,965; Mar. 8.
Ashman, James, Central City, Pa. Twin steel crosstie. 1,620,181; Mar. 8.
Aspinwall, Robert S., assignor to Lincoln Manufacturing Company, Detroit, Mich. Electric droplight fixture. Des. 72,130; Mar. 8.
Aspinwall, Robert S., assignor to Lincoln Manufacturing Company, Detroit, Mich. Electric droplight fixture. Des. 72,131; Mar. 8.
Associated Silver Company. (See Lashar, Thomas B. and T. H., assignors.)
Atlantic Steel Company. (See Lawton, Mortimer P., assignor.)
Austin, Charles T. (See Homan, W. A., and Austin.)
Automatic Arc-Welding Company. (See Morton, Harry D., assignor.)
Automatic Electric Inc. (See Lomax, Clarence E., assignor.)
Bach, Oscar B., New York, N. Y. Lamp. Des. 72,132; Mar. 8.
Bach, Oscar B., New York, N. Y. Candlestick. Des. 72,133; Mar. 8.
Bach, Oscar B., New York, N. Y. Candlestick. Des. 72,134; Mar. 8.
Bach, Oscar B., New York, N. Y. Table. Des. 72,135; Mar. 8.
Bach, Oscar B., New York, N. Y. Torchère. Des. 72,136; Mar. 8.
Bach, Oscar B., New York, N. Y. Chair. Des. 72,137; Mar. 8.
Baer, Abraham L., assignor of one-half to F. J. Meyer, Milwaukee, Wis. Pen and pencil grip. 1,619,801; Mar. 8.
Bagley, James K., et al. (See Williamson, Aubrey C., assignor.)
Bailey, Fred S., Chicago, Ill. Flexibly-adjustable duct-roller brake. 1,619,805; Mar. 8.
Baker, David, Los Angeles, Calif. Interliner. 1,620,054; Mar. 8.
Baker, Frederick W., Stourbridge, England, assignor to Trinity Wheel Corporation. Vehicle wheel. 1,619,802; Mar. 8.
Baker, J. L. (See Hoeschen, Henry A., assignor.)
Baker-Raulang Company, The. (See Remde, Edward H., assignor.)
Baker, William E., assignor to W. E. Baker and G. A. Frantz, trustees of the Web Engineering Company, Cleveland, Ohio. Valve. 1,620,315; Mar. 8.
Baker, William E., et al., trustees. (See Baker, William E., assignor.)
Baker, William H., Montreal, Quebec, Canada, and J. Dewhurst, Methuen, Mass.; said Baker assignor to said Dewhurst. Shuttle-checking device for looms. 1,619,847; Mar. 8.
Bakke, Laurits K. O., Emmetsburg, Iowa. Tripping mechanism for binders. 1,620,055; Mar. 8.
Ball, Everett R., assignor of one-half to C. E. Monckton, Quincy, Ill. Scoop scale. 1,620,000; Mar. 8.
Ball, Joseph S., assignor of one-half to J. N. Miller, Denver, Colo. Railway brake mechanism. 1,620,508; Mar. 8.
Ballantine, Stuart, White Haven, Pa., assignor to Electrical Research Laboratories, Inc., Chicago, Ill. Escutcheon plate for radioreceivers. Des. 72,138; Mar. 8.
Ballard, Milton H., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Controlling means for machines. 1,620,001; Mar. 8.
Baltzley, Louis E., Glen Ridge, N. J. Closure. 1,620,316; Mar. 8.
Barany, Edmund R., Brooklyn, N. Y. Vanity case. 1,620,002; Mar. 8.
Barnard, George A., near Princeton, Nebr. Game trap. 1,620,182; Mar. 8.
Barnes, James W., Cleveland, Tenn. Vehicle spring snubber. 1,620,424; Mar. 8.
Barrett, Paul D., San Francisco, Calif. Brake-equalizing mechanism. 1,619,912; Mar. 8.
Baruch, Samuel, New York, N. Y. Antirattling device. 1,619,913; Mar. 8.

Basil, Gerald L. (See Wakefield, F. W., Basil, and Schroeder.)
Bassett, Robert S., Buffalo, N. Y. Liquid meter. 1,620,151; Mar. 8.
Batchelder, Asa F., Scotia, N. Y., assignor to General Electric Company. Locomotive or car truck. 1,620,425; Mar. 8.
Baxter, Benjamin R., Goulburn, New South Wales, Australia. Agitating, washing, liming, or tanning solutions. 1,620,317; Mar. 8.
Baxter, Mabel, Belvidere, Ill. Apron. 1,620,426; Mar. 8.
Bayne, Walter L. (See Burkhart, P. H., and Bayne.)
Beal, Ralph R., and H. F. Elliott, Palo Alto, assignors, by mesne assignments, to Federal Telegraph Company, San Francisco, Calif. High-frequency arc converter. 1,620,318; Mar. 8.
Beatty, William H., Birmingham, Ala., assignor to James B. Clow & Sons. Centrifugal molding machine. 1,620,427; Mar. 8.
Becker, Harry S., River Forest, assignor to American Flyer Manufacturing Company, Chicago, Ill. Wire-terminal clip for toy tracks. 1,620,428; Mar. 8.
Beckstrom, August W. (See Ellison, E. H., and Beckstrom.)
Beers, Royce L., Detroit, Mich., assignor, by mesne assignments, to Riley Stoker Corporation, Worcester, Mass. Tuyère structure. 1,620,056; Mar. 8.
Beers, Royce L., Detroit, Mich., assignor, by mesne assignments, to Riley Stoker Corporation, Worcester, Mass. Side tuyère structure. 1,620,057; Mar. 8.
Beers, Royce L., Detroit, Mich., assignor, by mesne assignments, to Riley Stoker Corporation, Worcester, Mass. Fuel-tributing means for underfeed stokers. 1,620,509; Mar. 8.
Behrman, Marcus B., New York, assignor to The Lox Seal Corporation, Brooklyn, N. Y. Fastening means. 1,619,803; Mar. 8.
Beidelstein, Frank, Milwaukee, Wis. Game-wheel spider. Des. 72,139; Mar. 8.
Beise, Leonard L., and R. J., Pine Island, Minn. Cultivator for eliminating quack grass. 1,620,510; Mar. 8.
Beise, Richard J. (See Beise, Leonard L., and R. J.)
Bell, George A., and J. H. Carson, assignors to Indiana Fibre Products Company, Marion, Ind. Stacking device. 1,620,058; Mar. 8.
Bell, Gordon R., Englewood, Colo. Water-closet. 1,620,429; Mar. 8.
Bell & Howell Company, The. (See Miehle, Robert F., jr., assignor.)
Bendix Brake Company. (See Bendix, Vincent, assignor.)
Bendix Brake Company. (See Cautley, John R., assignor.)
Bendix Brake Company. (See Krieg, Walter L., assignor.)
Bendix, Vincent, assignor to Bendix Brake Company, Chicago, Ill. Brake mechanism. 1,619,806; Mar. 8.
Benner, Harry P. (See Egloff, G., and Benner.)
Bennett, Guy I., assignor of one-half to W. C. Frieze, Columbus, Ohio. Reenforced shirt cuff. 1,620,319; Mar. 8.
Bernotow, Dominik M., assignor to Bunte Brothers, Chicago, Ill. Multicellular mold. 1,619,914; Mar. 8.
Berry, Edward R., Malden, Mass., assignor to General Electric Company. Quartz working. 1,620,511; Mar. 8.
Bersted, Martin C., San Diego, Calif. Flatiron. 1,629,183; Mar. 8.
Bersted, Martin C., San Diego, Calif. Automatic electric connection plug for electric heating apparatus. 1,620,184; Mar. 8.
Bersted, Martin C., San Diego, Calif. Automatic electric connection plug. 1,620,185; Mar. 8.
Bethlehem Steel Company. (See Schenck, Charles, assignor.)
Betts, John L., Woodbury, Ga. Fruit pail. 1,620,059; Mar. 8.
Betts, Orville R., San Pedro, Calif. Combined towel rack and clothesline. 1,620,590; Mar. 8.
Bigelow Hartford Carpet Company. (See Vetter, Ignatius J., assignor.)
Bilbrey, George L., Hermitage Springs, assignor of one-half to J. B. Freeman, Lafayette, and of one-fourth to J. R. Vaughn, Red Boiling Springs, Tenn. Fertilizer distributor. 1,620,320; Mar. 8.
Billon, Frederic, and J. Bohli, assignors to Scintilla Aktiengesellschaft, Solothurn, Switzerland. Ignition machine. 1,620,060; Mar. 8.
Bishop, George E., Cleveland, Ohio. Automobile inclosure. 1,620,003; Mar. 8.
Blackham, Ninian A., Long Branch, and G. N. Robillard, Toronto, Ontario, Canada; said Blackham assignor to said Robillard. Elevator. 1,619,966; Mar. 8.
Blair, Frank N., Boise, Idaho. Folding table. 1,620,061; Mar. 8.
Blaw-Knox Company. (See Brynoldt, Christian, assignor.)
Bliss, E. W., Company. (See Gabriel, Charles R., assignor.)
Bloch, Leon, assignor to Republic Brass Company, Cleveland, Ohio. Shut-off valve within body of fixture. 1,620,186; Mar. 8.
Block, Gregory K., New York, N. Y. Typewriting machine. 1,620,004; Mar. 8.
Blomfield, Alfred L., Colorado Springs, and E. R. Ramsey, Denver, Colo., assignors to The Dorr Company, New York, N. Y. Treatment of pulps. 1,619,807; Mar. 8.
Bludworth, William D., Sacramento, Calif. Single horse and cart toy. Des. 72,140; Mar. 8.
Blue Valley Creamery Company. (See Cook, Joseph, assignor.)
Bobst, Henri, assignor to J. Bobst & Fils, Societe Anonyme, Lausanne, Switzerland. Apparatus for working paper, carton, and like materials. 1,619,848; Mar. 8.
Bobst, J., & Fils, Societe Anonyme. (See Bobst, Henri, assignor.)
Boedtcher, Franz A., Bergenfield, N. J. Operating mechanism for shaft doors. 1,620,430; Mar. 8.
Bohli, Jakob. (See Billon, F., and Bohli.)
Bontempi, Mario, New York, N. Y. Coffeepot. 1,619,967; Mar. 8.
Borg & Beck Company, The. (See Reed, Harold V., assignor.)
Bosshart, Fredrich, Osnabrock, N. Dak. 1,620,062; Mar. 8.
Boswell, John S., assignor to Jersey-Creme Company, Fort Worth, Tex. Jug. Des. 72,141; Mar. 8.
Bourgon, Joseph H., Detroit, Mich., assignor to The Studebaker Corporation. Ventilator. 1,620,512; Mar. 8.
Bovaird and Seyfang Manufacturing Company. (See Leonard, Peter, G., assignor.)
Bowers, Claude E., Los Angeles, Calif. Combined switch-box support and lath holder. 1,620,063; Mar. 8.
Bowman, Albert B., Grand Rapids, Mich. Transmission. 1,620,064; Mar. 8.
Bracke, Robert F., Chicago, assignor, by mesne assignments, to C. B. Camp, trustee, Oak Park, Ill. Suction-producing means for fuel-feeding systems. 1,619,808; Mar. 8.
Bracke, Robert F., Chicago, assignor to C. B. Camp, trustee, Glencoe, Ill. Fuel-feed system for motor vehicles. 1,619,809; Mar. 8.
Brady, Charles T., Detroit, Mich. Desk lamp. Des. 72,142; Mar. 8.
Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, Port Washington, assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y. Power actuator. 1,620,513; Mar. 8.
Bragg-Kliesrath Corporation. (See Bragg, C. S., and Kliesrath, assignors.)
Braly, Norman B., Paso Robles, Calif. Scrubber. 1,620,591; Mar. 8.
Bramwell, Balfour, Belfast, Ireland. Filtering apparatus. 1,620,431; Mar. 8.
Brandish, Michael. (See Kaplan, M. L., and Brandish.)
Braselton, Chester H., New York, N. Y., and C. P. Brockway, Toledo, Ohio, said Brockway assignor to said Braselton. Pumping mechanism. 1,620,065; Mar. 8.
Brazell, Fred W. and O. W., Kansas City, Mo. Weather strip and guide. 1,619,915; Mar. 8.
Brazell, Otis W. (See Brazell, Fred W. and O. W.)
Brennels, Louis, assignor to Brennels Manufacturing Company, Oxnard, Calif. Disk harrow. 1,620,066; Mar. 8.
Brennels Manufacturing Company. (See Brennels, Louis, assignor.)
Brewster, William, New York, N. Y. Retainer for automobile cushions. 1,619,916; Mar. 8.
Breyer, Robert, assignor to Phoenix Hosiery Company, Milwaukee, Wis. Stocking. Des. 72,143; Mar. 8.
Brigham, Vernon T., Des Moines, Iowa. Control for subvacuous condition of periodically-fired boilers. 1,620,005; Mar. 8.
Briscoe, Walter F., Trenton, N. J. Flexible coupling. 1,620,592; Mar. 8.
Brittingham, Vertner D., Brighton, Colo. Arithmetical game. 1,619,849; Mar. 8.
Brock, Williams S. (See Reedy, J. H., and Brock.)
Brockway, Carl P. (See Braselton, C. H., and Brockway.)
Brookby, Harry E., Chicago, Ill., and G. D. King, Fort Dodge, Iowa, assignors to United States Gypsum Company, Chicago, Ill. Cellular plaster. 1,620,067; Mar. 8.
Brown, Fred E. (See Johnson, William M., assignor.)
Brown, Walter E., assignor to United Iron Works, Inc., Kansas City, Mo. Distilling apparatus. 1,620,593; Mar. 8.
Brown, William A., Philadelphia, Pa. Emergency heater. 1,620,432; Mar. 8.
Brown, William R., Winchendon, Mass. Shipping container. 1,619,917; Mar. 8.
Browne, Lyle W., assignor to The Fisher Governor Company, Marshalltown, Iowa. Automatic relief valve. 1,620,321; Mar. 8.
Browne, Lyle W., assignor to The Fisher Governor Company, Marshalltown, Iowa. Pressure and vacuum control valve. 1,620,322; Mar. 8.
Bruner, Simon. (See Lehr, Louis, assignor.)
Brunhübner, Georg. (See Wenz, J., Alvera, and Brunhübner.)
Brunswick-Balke-Collender Company, The. (See Whelan, Michael J., assignor.)
Bryce, James W., Bloomfield, N. J., assignor to The Tabulating Machine Company, Endicott, N. Y. Tabulating card-printer device. 1,620,068; Mar. 8.
Brye, Walter C., Knoxville, Tenn. Cot for automobiles. 1,620,433; Mar. 8.

Brynoldt, Christian, Pittsburgh, Pa., assignor to Blaw-Knox Company. Molding concrete or cementitious structures. 1,620,514; Mar. 8.
Bucherer, August, Amriswil, Switzerland. Frame or body of jointed dolls and other articulated or jointed toys. 1,620,069; Mar. 8.
Buehheit, Henry F., Milwaukee, Wis. Shade-roller support. 1,620,515; Mar. 8.
Buehler, Charles H., Camden, N. J. Spring suspension. 1,620,070; Mar. 8.
Budd, Edward G., Manufacturing Company. (See Meadowcroft, Joseph W., assignor.)
Budd Wheel Company. (See Ludwick, Herbert V., assignor.)
Buehler, Leon, jr. (See Small, N. M., and Buehler.)
Bugatti, Ettore, Molsheim, France. Elastic axle for motor vehicles. 1,620,323; Mar. 8.
Bundy, Clifton L., assignor to Philadelphia Electrical & Manufacturing Company, Philadelphia, Pa. Lamp hanger. 1,620,516; Mar. 8.
Bunevac, Frank, South Bend, Ind. Automobile body. 1,619,918; Mar. 8.
Bunger, Edward W., Cedar Rapids, Iowa. Tire chain. 1,620,517; Mar. 8.
Bunte Brothers. (See Barnotow, Dominik M., assignor.)
Burden, Everett, East Liverpool, Ohio. Glove. 1,620,434; Mar. 8.
Burdette, Richard S., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Air bag. 1,620,435; Mar. 8.
Burkhart, Paul H., New Haven, Conn., and W. L. Bayne, Henry, Ill. Automobile lighting system and switch mechanism therefor. 1,620,187; Mar. 8.
Burlin, Leslie H., Chicago, assignor to Chicago Hardware Foundry Company, North Chicago, Ill. Aquarium. 1,620,006; Mar. 8.
Burmeister, Charles C., Davenport, Iowa. Stagging hook. 1,620,436; Mar. 8.
Burnham, Locke H., Pittsfield, Mass., assignor to General Electric Company. Transformer. 1,620,437; Mar. 8.
Burns, Alfred P. (See Turner, A., and Burns.)
Burt Machine Company. (See Wild, Charles H., assignor.)
Bushee, Joseph F., Jersey City, N. J. Smoking pipe. 1,620,438; Mar. 8.
Bushey, Franklin P. (See Morgan, H. D., and Bushey.)
Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Train control. 1,620,188; Mar. 8.
Butler, Henry E., Scotia, N. Y., assignor to General Electric Company. Film cut-out. 1,620,518; Mar. 8.
C-S Engineering Company. (See Schellens, E. L., and Coffin, assignors.)
Cameron, James A., assignor to Cameron Machine Company, Brooklyn, N. Y. Winding means. 1,620,007; Mar. 8.
Cameron Machine Company. (See Cameron, James A., assignor.)
Cameron Machine Company. (See Stocker, William M., assignor.)
Camp, Curtis B., trustee. (See Bracke, Robert F., assignor.)
Canfield, William C., Philadelphia, Pa. Detachable suspension hinge. 1,620,189; Mar. 8.
Carbide and Carbon Chemicals Corporation. (See Young, C. O., and Herrly, assignors.)
Carlson, Anthony E., Los Angeles, Calif. Apparatus for elevating and lowering oil-well tubing. 1,620,190; Mar. 8.
Carmichael, William M., Atlanta, Ga. Static neutralizer for printing presses. 1,619,968; Mar. 8.
Caro Cloth Corporation. (See Walsh, Patrick H., assignor.)
Carolyn Laundry. (See Lane, Edwin, assignor.)
Carson, John H. (See Bell, G. A., and Carson.)
Carter, Clarence W., assignor to Carter-Mayhew Manufacturing Company, Minneapolis, Minn. Scalper. 1,620,439; Mar. 8.
Carter, Glenn O., New Rochelle, N. Y., assignor to The Linde Air Products Company. Welded structure and making same. 1,620,324; Mar. 8.
Carter-Mayhew Manufacturing Company. (See Carter, Clarence W., assignor.)
Cary, George W., assignor to Goodell Manufacturing Company, Greenfield, Mass. Drill chuck. 1,620,440; Mar. 8.
Casey, Vasco F., assignor to Minneapolis Dredging Co., Minneapolis, Minn. Dredging machine. 1,619,850; Mar. 8.
Castle, Timothy P., assignor to Comstock-Castle Stove Company, Quincy, Ill. Heater. Des. 72,144; Mar. 8.
Cautley, John R., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Operating mechanism. 1,619,810; Mar. 8.
Chadeloid Chemical Company. (See Swift, Owen P., assignor.)
Champion, Albert, assignor to A C Spark Plug Company, Flint, Mich. Spark plug. 1,619,969; Mar. 8.
Chappelle, Charles C., New York, N. Y. Gas burner. 1,620,071; Mar. 8.
Chase, Herbert, Forest Hills, N. Y. Case for tennis rackets. 1,620,072; Mar. 8.
Chase, Leon W., assignor to Chase Plow Company, Lincoln, Nebr. Ridge-splitter attachment. 1,620,441; Mar. 8.
Chase Plow Company. (See Chase, Leon W., assignor.)
Chiarelli, Antonio, New York, N. Y. Propelling, lifting, and steering device for airships. 1,620,618; Mar. 8.
Chicago Hardware Foundry Company. (See Burlin, Leslie H., assignor.)
Christensen, Anders Wilson, and A. W. Warsen, Hartford, Conn. Weeding machine. 1,620,594; Mar. 8.
Christensen, Niels A., Milwaukee, Wis. Vehicle brake mechanism. 1,619,970; Mar. 8.
Christensen, Niels A., Milwaukee, Wis. Vehicle brake. 1,620,073; Mar. 8.
Christmann, Ludwig J., assignor to American Cyanamid Company, New York, N. Y. Lactonitrile fumigant. 1,620,074; Mar. 8.
Cincinnati Bickford Tool Company, The. (See Klausmeyer, David C., assignor.)
Claessens, Frederick C. (See Leonard, Frank P., assignor.)
Clancy, John C., Asbury Park, N. J. Converting oils and apparatus therefor. 1,620,075; Mar. 8.
Clark, Farley G. (See Allan, William G., assignor.)
Clarke, Charles W. E., New York, N. Y. Pulverized-fuel combustion system. 1,620,191; Mar. 8.
Claude, Georges, Paris, France, assignor, by mesne assignments, to Lazote Inc. Separation of the constituents of gaseous mixtures such as those containing hydrogen. 1,620,192; Mar. 8.
Coad, William H., Nowata, Okla. Antiskid chain for tires. 1,620,076; Mar. 8.
Coates, Frederick, Cincinnati, Ohio. Nail. 1,620,193; Mar. 8.
Cobb, William J., Mokameh, assignor of one-half to H. W. McGuire, Bengal, British India. Load-indicating mechanism. 1,620,442; Mar. 8.
Coffin, Joel S., jr. (See Schellens, E. L., and Coffin.)
Clawson, Monroe S., Upper Montclair, N. J. Electric abrasion process. 1,620,519; Mar. 8.
Clow, James B., & Sons. (See Beatty, William H., assignor.)
Coley, Joseph, Detroit, Mich. Combination lawn cleaner. 1,619,851; Mar. 8.
Collins, Julius D., Vineland, N. J. Automatic switch. 1,620,443; Mar. 8.
Collins, Patrick W. (See Westbury, W., and Collins.)
Comstock-Castle Stove Company. (See Castle, Timothy P., assignor.)
Conklin, William F., Tarentum, H. S. Hopkins, Crafton, and J. M. Hover, Pittsburgh, Pa. Sheet-piling mechanism. 1,619,804; Mar. 8.
Conti, Emile, Alfortville, France. Solder for aluminum and its alloys. 1,619,852; Mar. 8.
Cook, Joseph, assignor to Blue Valley Creamery Company, Chicago, Ill. Liquid-measuring gauge. 1,619,919; Mar. 8.
Cooke, Charles A., Sioux City, Iowa. Bridge-score recorder. 1,620,077; Mar. 8.
Cookinham, Edward F., assignor to Acme Road Machinery Company, Frankfort, N. Y. Stone crusher. 1,620,078; Mar. 8.
Copeland Products, Inc. (See De Luiz, Edward R., assignor.)
Corash, Julius H., et al. (See Methot, John A., assignor.)
Corman, Jean J. G. G., Verviers, Belgium, Combing machine. 1,620,325; Mar. 8.
Corrall, Herbert, Helensburgh, and J. Heggie, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine attachment. 1,620,249; Mar. 8.
Correa, Frank M., Honolulu, Hawaii. Adjustable bedding clamp. 1,619,853; Mar. 8.
Coryell, Charles N., Mamaroneck, N. Y. Vanity case. 1,620,251; Mar. 8.
Coryell, William C., Youngstown, Ohio. Sash. 1,619,811; Mar. 8.
Courtney, Louis J. (See Heffelfinger, L. W., and Courtney.)
Cox, Walter J., Bridgeport, Conn., assignor to Franklin Railway Supply Company. Device for lubricating locomotive-axle journals. 1,620,520; Mar. 8.
Crawford, McGregor and Canby Company, The. (See Mattern, George W., assignor.)
Crompton & Knowles Loom Works. (See Wakefield, Walter H., assignor.)
Crossley, Alfred, Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Piezo-electric-crystal apparatus. 1,619,854; Mar. 8.
Culp, Herbert, Willoughby, Ohio. Bottle receptacle. 1,620,079; Mar. 8.
Cunningham, Earl T., Lansing, Mich. Freight car. 1,619,920; Mar. 8.
Cunningham, Roy S., assignor of one-third to F. J. Hassell and one-third to J. R. Kell, Los Angeles, Calif. Carburetor. 1,620,080; Mar. 8.
Currier, Philip M., Ballston Lake, N. Y., assignor to General Electric Company. Transformer-voltage-regulating system. 1,620,619; Mar. 8.
Curtin, Leo P., Freehold, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Preserving wood and solutions therefor. 1,620,152; Mar. 8.
Curtis, Edward E., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Wire-base brush. 1,620,008; Mar. 8.
Curtner, Rolland, Marion, Ind. Cutter. 1,620,153; Mar. 8.
Czerniak, Casmimir. (See Czerniak, Jozeph and C.)
Czerniak, Jozeph and C., South Chicago, Ill. Railway-switch-operating device. 1,620,326; Mar. 8.

Czochralski, Johann, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Allied Process Corporation, New York, N. Y. Aluminum alloy containing lithium. 1,620,082; Mar. 8.

Czochralski, Johann, and G. Welter, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to Allied Process Corporation, New York, N. Y. Alloy of lithium and aluminum. 1,620,081; Mar. 8.

Dalglish, John, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation of America, Buffalo, N. Y. Apparatus for the manufacture of rubber or the like tubes. 1,620,521; Mar. 8.

Dalton, Hubert, New York, N. Y. Combined lathe, drilling and milling machine. 1,620,522; Mar. 8.

Davidson Manufacturing Company. (See Davidson, William W., assignor.)

Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Company, Madison, Wis. Folding machine. 1,620,444; Mar. 8.

Davis, Augustine, jr., Cincinnati, Ohio. Measuring bucket or vessel. 1,620,610; Mar. 8.

Davis Boring Tool Company. (See Davis, Emery E., assignor.)

Davis, Emery E., assignor to Davis Boring Tool Company, St. Louis, Mo. Expansion reamer. 1,619,855; Mar. 8.

Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Stop mechanism for looms. 1,620,194; Mar. 8.

Davis, Harry G., St. Paul, Minn. Dandelion digger and puller. 1,619,856; Mar. 8.

Davis, Richard T., Chicago, Ill. Base for a loud speaker. Des. 72,145; Mar. 8.

Day, J. H., Company, The. (See Kirchhoff, William G., assignor.)

Dean, Albert E., Fall River, assignor to Draper Corporation, Hopedale, Mass. Shuttle-checking mechanism for looms. 1,620,195; Mar. 8.

Dean, Edson A., Edgewood, R. I. Feeding mechanism for swaging machines. 1,619,971; Mar. 8.

De Jong, Hendrik, and W. Koning, Eindhoven, Netherlands, assignors to General Electric Company. Hook forming and inserting machine. 1,620,523; Mar. 8.

De Laval Steam Turbine Company. (See Kennedy, Frank W., assignor.)

De Luiz, Edward R., assignor to Copeland Products, Inc., Flint, Mich. Compressor valve. 1,620,524; Mar. 8.

Dennis, Oliver C., Wilmette, Ill. Cigar lighter. 1,620,327 Mar. 8.

Densmore, William M., assignor of one-half to W. Monthe, Montevideo, Minn. Cam device. 1,620,445; Mar. 8.

Derby, Frank H., assignor to Erie Foundry Company, Erie, Pa. Power hammer. 1,620,525; Mar. 8.

De Stubner, Emile, New York, N. Y. Filter. 1,620,083; Mar. 8.

Det Tekniske Forsgsaktiesskab. (See Goldschmidt, Rudolf, assignor.)

Develay, Marie N. A., Paris, France. Tire for vehicle wheels. 1,619,812; Mar. 8.

De Vry, Herman A., Chicago, Ill. Film spool. 1,620,605; Mar. 8.

De Waters, Enos A., Flint, assignor to General Motors Corporation, Detroit, Mich. Transmission lock for motor vehicles. 1,619,972; Mar. 8.

Dewend, William D., assignor to Oliver Chilled Plow Works, South Bend, Ind. Disk harrow. 1,619,857; Mar. 8.

Dewhurst, John. (See Baker, W. H., and Dewhurst.)

Dickinson, Harry E., San Antonio, Tex. Internal-combustion engine. 1,620,446; Mar. 8.

Diehl Manufacturing Company. (See Karle, John D., assignor.)

Dilley, Fred M., and C. F. Hallberg, Oelwein, Iowa. Pressure oil can. 1,620,595; Mar. 8.

Dingman, Thomas C., assignor to The White Motor Company, Cleveland, Ohio. Instrument panel. 1,620,328; Mar. 8.

Directoplate Corporation. (See Koppe, Alexander T., assignor.)

Dobson, Marion L., Kevin, Mont. Pump jack. 1,620,009; Mar. 8.

Dodds, Joseph J. (See Larkin, Arthur J., assignor.)

Doll, Charles E. (See Holcroft, C. T., and Doll.)

Donaldson, George H., West Hartford, Conn. Nipple for nursing bottles. 1,620,329; Mar. 8.

Donovan, John F., East Cleveland, Ohio, assignor to General Electric Company. Apparatus for making incandescent lamps and similar articles. 1,620,447; Mar. 8.

Dornin, George A., assignor to The Gathmann Engineering Company, Baltimore, Md. Ingot mold. 1,620,010; Mar. 8.

Dornin, George A., assignor to The Gathmann Engineering Company, Baltimore, Md. Making ingot molds. 1,620,011; Mar. 8.

Dorr Company, The. (See Blomfield, A. L., and Ramsey, assignors.)

Douglass, Samuel E., Raleigh, N. C. Toothbrush. 1,620,330; Mar. 8.

Dourdoufis, Alexandros, Philadelphia, Pa. Saddle seat. 1,620,448; Mar. 8.

Dowley, Jesse E., Jackson, Mich., assignor to Jackson Machine & Tool Company. Perch puller. 1,620,084; Mar. 8.

Draper Corporation. (See Davis, Harry A., assignor.)

Draper Corporation. (See Dean, Albert E., assignor.)

Draper Corporation. (See Rhoades, A. E., and Johnson, assignors.)

Dresner, Emanuel, Chicago, Ill. Fastener. 1,620,611; Mar. 8.

Driscoll, Bartholomew L., Watsonville, Calif. Plow. 1,620,085; Mar. 8.

Dufresne, Oliver J. (See Marsh, L., and Dufresne.)

Duncan, Floyd E., Escondido, Calif. Ditching plow. 1,620,250; Mar. 8.

Dunham, Bert G., Hawthorne, and W. T. Haines, Mountain Lakes, N. J.; said Haines assignor to American Telephone and Telegraph Company and said Dunham assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,620,012; Mar. 8.

Dunlop Tire and Rubber Corporation of America. (See Dalglish, John, assignor.)

Dürr, Ludwig, Friedrichshafen, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Airship. 1,620,449; Mar. 8.

Dyke, Darrell F., assignor to The Seng Company, Chicago, Ill. Bed davenport. 1,620,086; Mar. 8.

Early, Harry H., Oshkosh, Wis. Changeable sign. 1,620,450; Mar. 8.

Eastman Kodak Company. (See Frederick, Charles W., assignor.)

Eastman Kodak Company. (See Frederick, C. W., and Altman, assignors.)

Eastman Kodak Company. (See Frederick, C. W., and Wood, assignors.)

Eastman Kodak Company. (See Underwood, Ernest E., assignor.)

Eckerman, Allen H., Sioux City, Iowa. Hog spray. 1,620,013; Mar. 8.

Edison Electric Appliance Company. (See Simmons, Albert H., assignor.)

Egan, George F., Jersey City, N. J. Vehicle fender. 1,620,196; Mar. 8.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Cracking petroleum oil. 1,619,921; Mar. 8.

Egloff, Gustav, and H. P. Benner, assignors to Universal Oil Products Company, Chicago, Ill. Apparatus for cracking oil. 1,619,922; Mar. 8.

Ehret, Cornelius D. (See Appleby, Thomas, assignor.)

Eichenlaub, Edward S., North Fairfield, Ohio. Toy-balloon frame. 1,620,331; Mar. 8.

Eichner, Robert F., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 72,146; Mar. 8.

Electrical Research Laboratories, Inc. (See Ballantine, Stuart, assignor.)

Elliott, Harold F. (See Beal, R. R., and Elliott.)

Ellison Brass Manufacturing Co. (See Ellison, E. H., and Beckstrom, assignors.)

Ellison, Edward H., and A. W. Beckstrom, Jamestown, assignors to The Ellison Brass Manufacturing Co., Inc., Falconer, N. Y. Metal door. 1,620,451; Mar. 8.

Emig, Edmund J., Desplaines, Ill. Casement window or door construction. 1,620,526; Mar. 8.

Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for prime movers. 1,620,527; Mar. 8.

Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for elastic-fluid turbines. 1,620,528; Mar. 8.

Engelhard, Charles, Inc. (See Rohn, Wilhelm, assignor.)

Entwisle & Kenyon Limited. (See Kenyon, William H., assignor.)

Entwisle & Kenyon Limited. (See Shorrock, James L., assignor.)

Erban, Richard, Vienna, Austria. Swiveling-roller gearing. 1,619,813; Mar. 8.

Erie Foundry Company. (See Derby, Frank H., assignor.)

Errett, Thomas A. (See Kragen, T. R., and Errett.)

Estes, George L., Oklahoma City, Okla. Stop signal for crossings. 1,620,087; Mar. 8.

Evans, Albert E., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for cracking off and handling continuously-formed sheet glass. 1,620,014; Mar. 8.

Evans, Benjamin, Albany, assignor to Fort Orange Paper Company, Castleton-on-Hudson, N. Y. Display carton. 1,620,197; Mar. 8.

Evans, Wilson, assignor to Aluminate Sales Corporation, Chicago, Ill. Treating liquids. 1,620,332; Mar. 8.

Evans, Wilson, assignor to Aluminate Sales Corporation, Chicago, Ill. Treating liquids. 1,620,333; Mar. 8.

Ewart, Andrew. (See Ewart, Orrie F. C. and A.)

Ewart, Orrie F. C. and A., Port Huron, Mich. Roller-blind support for casement windows. 1,620,596; Mar. 8.

Fageol, Rollie B., Los Angeles, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn. Multibar bumper. 1,620,334; Mar. 8.

Fairbairn, Francis A., assignor to Palmers Limited, Montreal, Quebec, Canada. Vanity case. 1,620,088; Mar. 8.

Falson, William D., et al. (See Gage, Charles H., assignor.)

Fal, Edward A., Rutherford, N. J. Heating hood for tank-car outlets. 1,620,452; Mar. 8.

Fall, Edward A., Rutherford, N. J. Tank car. 1,620,453; Mar. 8.

Farkas, Louis, New York, N. Y. Bust supporter. 1,620,335; Mar. 8.

Farren, Roy, Lake Worth, Fla. Saw. 1,620,454; Mar. 8.

Farwell, Fay G., Toledo, Ohio. Road light. 1,620,198; Mar. 8.

Faurot, Henry, assignor to Western Felt Works, Chicago, Ill. Window channel strip. 1,619,923; Mar. 8.

Federal Laboratories, Inc. (See Lawrence, Ruben B., assignor.)

Federal Telegraph Company. (See Beal, R. R., and Elliott, assignors.)

Feldman, Edward D. (See Papst, Herman, assignor.)

Felicety, John B., Philadelphia, Pa. Clothes rack. 1,620,199; Mar. 8.

Ferris, William I., Westfield, N. J., assignor to L. E. Waterman Company, New York, N. Y. Fountain pen and stand therefor. 1,620,529; Mar. 8.

Field, Crosby, Brooklyn, N. Y., assignor to Gray Products, Inc. Consolidated metallic fiber article. 1,620,530; Mar. 8.

Finstone, Marx, New York, N. Y. Desk set. Des. 72,147; Mar. 8.

Fire Proof Wall Company. (See Makowski, John F., assignor.)

First Trust and Savings Bank of Pasadena, trustee. (See Key, James F., assignor.)

Fischer, Albert C., Chicago, Ill. Rail filler. 1,619,924; Mar. 8.

Fischer, Albert F., Mason City, Iowa. Head-wall structure for culverts. 1,620,089; Mar. 8.

Fischer, Charles, New York, N. Y. Mount for finger-ring facings. 1,620,252; Mar. 8.

Fisher, Charles R., Rogers City, Mich. Apparatus for loading and unloading materials. 1,620,531; Mar. 8.

Fisher, Charles R., Rogers City, Mich. Control system for endless-belt conveyers. 1,620,532; Mar. 8.

Fisher, Ernest F., St. Louis, Mo. Fabric-renovating machine. 1,619,814; Mar. 8.

Fisher Governor Company, The. (See Browne, Lyle W., assignor.)

Flad, Artur, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 1,620,090; Mar. 8.

Flockhart, James, San Francisco, Calif. Machine for washing, cleaning, waxing, and polishing sheet material. 1,619,925; Mar. 8.

Florence Stove Company. (See Price, David R., assignor.)

Fontana, Paul F. M. A., assignor to Societe des Apparells Mephisto Jules Manfredi & Cie., Cluses, France. Vulcanizer. 1,620,597; Mar. 8.

Ford, Frank H., Hattiesburg, Miss. Insulation composition. 1,620,091; Mar. 8.

Fording, William G., Cleveland, Ohio. Cord-tire machine. 1,620,092; Mar. 8.

Forgrove Machinery Company Limited, The. (See Grover, Frederick, assignor.)

Fornaca, Guido, Turin, Italy. Device for preventing abnormal flexure of the springs of motor vehicles. 1,620,093; Mar. 8.

Fort Orange Paper Company. (See Evans, Benjamin, assignor.)

Foster, Claud H., Wickliffe, Ohio. Shock absorber. 1,619,815; Mar. 8.

Foster, Edgar E., Montgomery, Ala. Boxing apparatus. 1,620,598; Mar. 8.

Foster Machine Company. (See McKean, John O., assignor.)

Fournier, Oscar, Symmes Township, Hamilton County, assignor to The United States Playing Card Company, Norwood, Ohio. Step and repeat machine. 1,620,336; Mar. 8.

Frank, Benjamin E. (See Schuman, I., and Frank.)

Franklin Railway Supply Company. (See Cox, Walter J., assignor.)

Franklin Railway Supply Company. (See Martin, Frederick W., assignor.)

Frantz, George A., et al., trustees. (See Baker, William E., assignor.)

Frederick, Charles W., assignor to Eastman Kodak Company, Rochester, N. Y. Projection system. 1,620,338; Mar. 8.

Frederick, Charles W., and F. E. Altman, assignors to Eastman Kodak Company, Rochester, N. Y. Objective. 1,620,337; Mar. 8.

Frederick, Charles W., and D. L. Wood, assignors to Eastman Kodak Company, Rochester, N. Y. Projection objective. 1,620,339; Mar. 8.

Fredricks, John T., et al. (See Prator, Ernest P., assignor.)

Freeman, J. B., et al. (See Bilbrey, George L., assignor.)

Freudenberg, Sarah, Brooklyn, N. Y. Pile textile fabric. 1,620,340; Mar. 8.

Frick Company. (See Small, N. M., and Buehler, assignors.)

Frieze, William C. (See Bennett, Guy I., assignor.)

Fuligraff, Frank G., New York, N. Y. Display device. 1,620,533; Mar. 8.

Furman, Eugene C., Newport News, assignor of forty-nine per cent to E. F. Heard, Hampton, Va. Method and apparatus for repairing fluid containers. 1,620,154; Mar. 8.

Fust, Robert, Glogau, Germany. Arrangement for removing secretions from dental canals by suction. 1,620,599; Mar. 8.

Gabriel, Charles R., assignor to E. W. Bliss Company, Brooklyn, N. Y. Press. 1,620,534; Mar. 8.

Gage, Charles H., assignor to L. W. Searles, W. D. Riter, Washington, D. C., and W. D. Falson, Chester, Pa. Car coupler. 1,620,535; Mar. 8.

Gage, Vincent, Washington, D. C. Paper guide for type-writing machines. 1,619,858; Mar. 8.

Gagnon, Archie, assignor of one-half to C. G. Greenhalgh, Pawtucket, R. I. Loom attachment. 1,620,601; Mar. 8.

Gains, Chester R., Muscatine, Iowa. Reminder clock. 1,620,455; Mar. 8.

Gairing, Emil, assignor to Gairing Tool Company, Detroit, Mich. Interchangeable boring and counterboring tool. 1,620,536; Mar. 8.

Gairing Tool Company. (See Gairing, Emil, assignor.)

Gallus, Joseph M., and J. J. Schelts, Wrightstown, N. J. Traffic-signal switch. 1,620,456; Mar. 8.

Gardner, George W., Flint, Mich. Spark plug. 1,620,341; Mar. 8.

Garey, Charles C., assignor of one-third to T. L. Smith, Bremerton, Wash. Electrical heater. 1,620,537; Mar. 8.

Garfunkel, Harry I., et al. (See Ginsburg, Marcus O., assignor.)

Gatea, Philetus W., assignor to Hanna Engineering Works, Chicago, Ill. Lubricator. 1,620,253; Mar. 8.

Gathmann Engineering Company, The. (See Dornin, George A., assignor.)

Gatti, Hector, Chicago, Ill. Machine-operated portable fan. 1,620,457; Mar. 8.

Gauss, Paul G., Indianapolis, Ind. Ladder-pulley-block support. 1,620,254; Mar. 8.

Gaven, Mary E. (See Gaven, William J., assignor.)

Gaven, William J., deceased, assignor of one-half to M. E. Gaven, Wilkes-Barre, Pa.; M. E. Gavin, administratrix. Making composition articles. 1,620,538; Mar. 8.

Gebhard, John B., and H. Althaus, Dyersville, Iowa. Crossing signal. 1,620,600; Mar. 8.

Geiger, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 1,620,015; Mar. 8.

Gelissen, Henri C. J. H., Rijswijk, Netherlands, assignor, by mesne assignments, to Novadel Process Corporation, Buffalo, N. Y. Improving milling products. 1,620,458; Mar. 8.

General Electric Company. (See Alexanderson, Ernst F. W., assignor.)

General Electric Company. (See Batchelder, Asa F., assignor.)

General Electric Company. (See Berry, Edward R., assignor.)

General Electric Company. (See Burnham, Locke H., assignor.)

General Electric Company. (See Butler, Henry E., assignor.)

General Electric Company. (See Currier, Philip M., assignor.)

General Electric Company. (See De Jong, H., and Koning, assignors.)

General Electric Company. (See Donovan, John F., assignor.)

General Electric Company. (See Emmet, William L. R., assignor.)

General Electric Company. (See Hilliard, John D., assignor.)

General Electric Company. (See Johnson, Ernest E., assignor.)

General Electric Company. (See Jones, Benjamin W., assignor.)

General Electric Company. (See Jones, B. W., and Wolfe, assignors.)

General Electric Company. (See Rohde, Paul, assignor.)

General Electric Company. (See Samson, Curt, assignor.)

General Electric Company. (See Sprenger, George W., assignor.)

General Electric Company. (See Temple, Elmer J., assignor.)

General Electric Company. (See Winter, Fred H., assignor.)

General Electric Company. (See Witherow, Harry M., assignor.)

General Motors Corporation. (See De Waters, Enos A., assignor.)

General Motors Corporation. (See Smarr, Benjamin M., assignor.)

General Motors Corporation. (See Stoll, Herman, assignor.)

General Motors Corporation. (See Whitacre, Clarence J., assignor.)

General Motors Corporation. (See White, John W., assignor.)

General Motors Research Corporation. (See Aseltine, Fred E., assignor.)

General Motors Research Corporation. (See Hallett, George E. A., assignor.)

General Motors Research Corporation. (See Hunt, John H., assignor.)

General Railway Signal Company. (See Bushnell, Charles S., assignor.)

General Rubber Company. (See Jury, A. E., and Smith, assignors.)

Gerdes, Adolf F., Berlin, Germany. Magneto-electric machine. 1,619,926; Mar. 8.

Gernsback, Hugo, New York, N. Y. Depilator. 1,620,539; Mar. 8.

Gervais, Wainwright B., assignor to Variety Fire Door Company, Chicago, Ill. Folding closure and operating same. 1,619,816; Mar. 8.

Gibbs, Alonzo L., and J. A. Gill, Tulsa, Okla. Composition for treating inner tubes. 1,620,342; Mar. 8.

Gibson, Arthur A., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Regulator for mercury gauges. 1,620,540; Mar. 8.

Gibson, Harry L., Chicago, Ill. Wax-applying tool. 1,619,817; Mar. 8.

Gill, Joseph A. (See Gibbs, A. L., and Gill.)

Gill, Samuel A., Nevada, Iowa. Advertising sign. Des. 72,148; Mar. 8.

Gillam, Arthur L., administrator. (See Gillam, Manly M.)

Gillam, Manly M., deceased, Flushing, N. Y.; A. L. Gillam, administrator. Device for vaporizing and burning liquid fuel. 1,619,859; Mar. 8.

Gillick, Lawrence H., St. Paul, Minn., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Flexible joint. 1,620,094; Mar. 8.

Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical switching apparatus. 1,619,860; Mar. 1.

Ginsburg, Marcus O., Corona, assignor of one-third to J. E. Sloe and one-third to H. I. Garfunkel, New York, N. Y. Egg-shipping box. 1,620,541; Mar. 8

Gladwill, Rudolph H., Ada, and G. M. Ramsey, Altus, Okla. Check-endorsing attachment for adding machines. 1,620,542; Mar. 8.

Glennon, Michael F., Glen Ridge, N. J. Lead pencil. 1,619,927; Mar. 8.

Globe Lighting Fixture Mfg. Co. (See Villaret, Gustave E., assignor.)

Goddu, George, Winchester, and F. L. Mackenzie, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting mechanism. 1,620,200; Mar. 8.

Godowsky, Leopold, jr. (See Mannes, L. D., and Godowsky.)

Goldberg, Jacob M. (See Goldberg, Louis B., N., W., and J. M.)

Goldberg, Louis B., N., W., and J. M., Denver, Colo. Gasoline camp stove. 1,620,095; Mar. 8.

Goldberg, Nathan. (See Goldberg, Louis B., N., W., and J. M.)

Goldberg, Samuel, Dorchester, Mass. Hair curler. 1,620,543; Mar. 8.

Goldberg, William. (See Goldberg, Louis B., N., W., and J. M.)

Goldschmidt, Rudolf, Berlin, Germany, assignor to Det Tekniske Forsgsaktiesskab, Ordrup, Charlottenlund, Denmark. Percussive hand tool. 1,620,201; Mar. 8.

Goodell Manufacturing Company. (See Cary, George W., assignor.)

Goodyear Tire & Rubber Company. (See Burdette, Richard S., assignor.)

Goodyear Tire & Rubber Company, The. (See Lind, Frederick A., assignor.)

Goodyear Tire & Rubber Company, The. (See Templeton, Edwin G., assignor.)

Goodyear Tire & Rubber Company, The. (See Van Orman, Wart T., assignor.)

Gordon, George G., Dollis Hill, London, England. Disinfectant composition. 1,619,861; Mar. 8.

Goulas, Henry, assignor of one-third to O. O. Mobley, Quantico, Va. Pipe wrench. 1,620,016; Mar. 8.

Gowans, John M., Hartford, Conn. Cake support. 1,619,818; Mar. 8.

Grasselli Chemical Company, The. (See Howard, Henry, assignor.)

Graves, Arnold, Frinton-on-Sea, England. Vehicle lamp. 1,620,202; Mar. 8.

Gray, Lester H., Portage, Pa. Surfacing machine. 1,620,459; Mar. 8.

Gray Products, Inc. (See Field, Crosby, assignor.)

Green Engineering Company. (See Marsh, Thomas A., assignor.)

Greenhalgh, Charles G. (See Gagnon, Archie, assignor.)

Grelve, Edmund J., Los Angeles, Calif. Casket. 1,620,544; Mar. 8.

Grenier, Henry J., Bridgeport, Conn. Cue-tip fastener. 1,620,545; Mar. 8.

Griffith, Porter M., assignor to Gruenhagen's, San Francisco, Calif. Book end. Des. 72,149; Mar. 8.

Griffith, Richard H., Richmond, Va., assignor to The Ohio Cultivator Company, Bellevue, Ohio. Cultivator. 1,619,862; Mar. 8.

Grondahl, Lars O., Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 1,619,928; Mar. 8.

Grossman, Samuel, assignor to David Klebanoff and Samuel Grossman, copartners trading under the firm name of Klebanoff and Grossman, New York, N. Y. Finger ring. Des. 72,150; Mar. 8.

Grossman, Samuel, et al. (See Grossman, Samuel, assignor.)

Grover, Frederick, assignor to The Forgrove Machinery Company Limited, Leeds, England. Apparatus for dividing plastic material into separate tablets of uniform size. 1,620,546; Mar. 8.

Gruenhagen's. (See Griffith, Porter M., assignor.)

Guerrini, Luigi, Milan, Italy, assignor to Société Anonyme des Dispositifs d'Adhérence Guerrini, Paris, France. Traction device for vehicle wheel. 1,620,460; Mar. 8.

Guggenheim Brothers. (See Smith, Elias A. C., assignor.)

Guth, Henry L., Allentown, Pa. Table. Des. 72,151; Mar. 8.

Gustafson, Eric B., et al. (See Madsen, Gustav N., assignor.)

Haase, Ernst R., New London, Conn. Graphophone needle. 1,619,863; Mar. 8.

Haberman, George, Fort Atkinson, Iowa. Cream-removing apparatus. 1,619,973; Mar. 8.

Hack, Charles W., Topeka, Kans. Cooling-medium container. 1,619,864; Mar. 8.

Hacker, Horace W., Chicago, Ill. Method of and apparatus for making objects. 1,620,343; Mar. 8.

Hageman, Augustus B., Broken Bow, Nebr. Gate. 1,619,819; Mar. 8.

Hahn, Charles N., Binghamton, N. Y. Applying heels to shoes. 1,620,344; Mar. 8.

Hald, Herbert, Salem, Oreg., assignor, by mesne assignments, to Pressteel Engineering Corporation. Visible card record. 1,620,547; Mar. 8.

Haines, William T. (See Dunham, B. G., and Haines.)

Haist, Charles A., Fresno, Calif. Fountain pen. 1,620,345; Mar. 8.

Halbach, Howard L., Clarksburg, W. Va., and J. A. Sweet, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Flattening window glass sheets. 1,620,017; Mar. 8.

Hall, Edward L. (See Rider, Herbert E., assignor.)

Hall, John A., Seattle, Wash. Tubular stone saw. 1,620,255; Mar. 8.

Hallberg, Clay F. (See Dilley, F. M., and Hallberg.)

Halle, Hiram J., New York, N. Y., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for treating petroleum oil. 1,619,929; Mar. 8.

Hallett, George E. A., assignor to General Motors Research Corporation, Dayton, Ohio. Valve-operating mechanism. 1,619,974; Mar. 8.

Halliwell, John J., Mount Vernon, assignor, by mesne assignments, to R. Hoe and Co., Inc., New York, N. Y. Shock absorber for power plate presses. 1,619,820; Mar. 8.

Hamilton, Harry D., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 1,620,018; Mar. 8.

Hammer, Ervin J. and O. H., Miller City, Ohio. Beet harvester. 1,620,019; Mar. 8.

Hammer, Orrin H. (See Hammer, Ervin J. and O. H.)

Hammond, Robert O., assignor of one-half to C. H. Ogden and one-half to H. H. Simms, Rochester, N. Y. Lighter for cigars and the like. 1,620,548; Mar. 8.

Hanna Engineering Works. (See Gates, Philetus W., assignor.)

Harber, Edward N. (See Krick, Homer, assignor.)

Hardy, Charles, assignor to Amsco Products Inc., New York, N. Y. Variable condenser. 1,620,020; Mar. 8.

Harmon, James A. (See Nelson, F. L., and Harmon.)

Harmon, Katrina T. (See Harmon, Lawrence E., assignor.)

Harmon, Lawrence E., assignor to K. T. Harmon, Buffalo, N. Y. Trolley wheel. 1,620,203; Mar. 8.

Harper, Le Roy, Kenosha, Wis. Universal joint. 1,620,549; Mar. 8.

Harper, Oswald C., Saskatoon, Saskatchewan, Canada. Automobile bed. 1,620,346; Mar. 8.

Harris, Ford W., Los Angeles, Calif. Gas and oil separator. 1,620,096; Mar. 8.

Harris, Raymond J., Houston, Tex. Flytrap. 1,620,461; Mar. 8.

Hart, Harold W., Los Angeles, Calif. Automatic gas feed. 1,619,931; Mar. 8.

Hart, Harry S. (See Hindahl, David, assignor.)

Hart, Harry S. (See Hoscelt, William J., assignor.)

Hartford-Empire Company. (See Howard, George E., assignor.)

Hartz, John O., Duluth, Minn. Decalcomania transfer sheet. Des. 72,152; Mar. 8.

Hasburg, John W., Chicago, Ill. Follower for paint packages. 1,619,930; Mar. 8.

Hassell, Frank J., et al. (See Cunningham, Roy S., assignor.)

Hawkins, Edgar M., assignor to M. D. Knowlton Company, Rochester, N. Y. Tube-cutting machine. 1,619,975; Mar. 8.

Hawkins, Jepson M., and S. Losey, Covington, Okla. Oil-well pump. 1,620,347; Mar. 8.

Hawkins, William W., Brooklyn, N. Y., assignor to Webster Electric Company, Racine, Wis. Breaker mechanism for ignition magnetos. 1,619,932; Mar. 8.

Hawley Inventions, Incorporated. (See Hawley, John B., jr., assignor.)

Hawley, John B., jr., assignor to Hawley Inventions, Incorporated, Minneapolis, Minn. Form tie for concrete structures. 1,619,933; Mar. 8.

Head, Cecil A., Royal Oak, Mich. Electric radiator. 1,619,865; Mar. 8.

Heald Machine Company, The. (See Turner, A., and Burns, assignors.)

Heard, Edmund F. (See Furman, Eugene C., assignor.)

Heffelfinger, Le Roy W., and L. J. Courtney, Chicago, Ill. Bleeder attachment for air brakes. 1,619,821; Mar. 8.

Heggie, James. (See Corrall, H., and Heggie.)

Heintz Manufacturing Company. (See Lambert, Albert L., assignor.)

Heise, William H., Los Angeles, Calif. Truck elevator utilizing parallel motion. 1,620,256; Mar. 8.

Heising, Raymond A., Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Frequency indication and control. 1,620,204; Mar. 8.

Henderson, Ada, Wampsville, N. Y. Rubber protector for stockings. 1,619,934; Mar. 8.

Hendlin, Israel. (See Pukt, A. J., and Hendlin.)

Hermani, Henry, assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Duplex closure for display containers. 1,620,156; Mar. 8.

Hermani, Henry, assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Sheet-metal assembling and working machine. 1,620,205; Mar. 8.

Hernton, Pete, Hulbert, Ark. Cattle guard. 1,620,348; Mar. 8.

Herrly, Clarence J. (See Young, C. O., and Herrly.)

Hickey, John J., Brooklyn, N. Y. Christmas-club saving stamp. Des. 72,153; Mar. 8.

Hickman, William A., West Mystic, Conn. Boat. 1,620,349; Mar. 8.

Hickok Manufacturing Company. (See Eichner, Robert F., assignor.)

Hickok Manufacturing Company. (See Shields, Lowell W., assignor.)

Higgins, Lewis W., Bulan, Ky. Car coupling. 1,620,350; Mar. 8.

Hill, J. Lawrence. (See White, Robert, assignor.)

Hilliard, John D., Schenectady, N. Y., assignor to General Electric Company. Attachment for oil switches. 1,620,155; Mar. 8.

Hilligardt, Erich, Akron, Ohio, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Controlling device for ballast containers in airships. 1,620,462; Mar. 8.

Hindahl, David, assignor to H. S. Hart, Chicago, Ill. Dump-door mechanism. 1,620,097; Mar. 8.

Hitchcock, Halbert K., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for supplying polishing material to a series of polishing machines. 1,620,021; Mar. 8.

Hnilo, Frank, and J. Schultz, Cicero, Ill. Microscopic-slide staining and drying apparatus. 1,620,351; Mar. 8.

Hoe, R., and Co. (See Halliwell, John J., assignor.)

Hoeschen, Henry A., assignor of one-half to J. L. Baker, Omaha, Nebr. Pressure-actuated control device. 1,619,866; Mar. 8.

Hoffer, Le Roy H., Nyack, assignor to T. E. Murray, Brooklyn, N. Y. Electric welding and the like. 1,620,206; Mar. 8.

Holcroft, Charles T., Detroit, and C. E. Doll, Mount Clemens, Mich. Firing ceramic and other products. 1,620,022; Mar. 8.

Holtz, Karl, assignor to Carl Lindström Aktiengesellschaft, Berlin, Germany. Talking machine. 1,620,257; Mar. 8.

Holtzman, Minard, Bexley, Ohio. Radiotable. 1,620,352; Mar. 8.

Homan, Walter A., and C. T. Austin, Denver, Colo. Parking meter. 1,620,098; Mar. 8.

Homeland Mfg. Co., The. (See Matthai, William H., assignor.)

Hopkins, Elmer. (See Hover, Loren, assignor.)

Hopkins, Homer S. (See Conklin, W. F., Hopkins, and Hover.)

Horn & Brannen Manufacturing Co., The. (See Horn, Herman, jr., assignor.)

Horn, Herman, jr., assignor to The Horn & Brannen Manufacturing Co., Philadelphia, Pa. Floor lamp. 1,619,976; Mar. 8.

Horney, Odus C., U. S. Army, Philadelphia, Pa. Primer for cartridges. 1,619,867; Mar. 8.

Hoscelt, William J., assignor to H. S. Hart, Chicago, Ill. Dump-car-door control. 1,620,023; Mar. 8.

Hosch, Greene C., assignor to The Measuregraph Company, St. Louis, Mo. Shutter for measuring-machine charts. 1,619,935; Mar. 8.

Hoshafian, Nishan, Forest Hills, N. Y. Wave and tide motor. 1,620,258; Mar. 8.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Pouring spout. 1,620,024; Mar. 8.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Automatic box body and cover assembling apparatus. 1,620,025; Mar. 8.

Hover, John M. (See Conklin, W. F., Hopkins, and Hover.)

Hover, Loren, assignor of one-half to E. Hopkins, Saginaw, Mich. Cultivator attachment for tractors. 1,620,099; Mar. 8.

Howard, George E., Butler, Pa., assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Method and apparatus for feeding molten glass. 1,620,207; Mar. 8.

Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Insecticide. 1,620,208; Mar. 8.

Howe, Fred C., Pasadena, Calif. Spotlight. 1,619,936; Mar. 8.

Howe, Ralph A., Washington, D. C. Needle. 1,620,550; Mar. 8.

Hoxton, Llewellyn G., University, Va. Braking engine-driven vehicles. 1,620,100; Mar. 8.

Huber, Walter, Pforzheim, Germany. Watchcase. 1,619,822; Mar. 8.

Hudgens, Albert C., assignor to Loom Lay Patch Company, Greenwood, S. C. Checkstrap holder. 1,620,463; Mar. 8.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Valve. 1,619,937; Mar. 8.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus for treating oils. 1,619,977; Mar. 8.

Huff, Omer, Fresno, Calif. Blow-off cock. 1,620,464; Mar. 8.

Huffman, Charles A., assignor to The Long-Bell Lumber Company, Longview, Wash. Pacific coast type trimmer with tightener take-up. 1,620,101; Mar. 8.

Hughes, Guy N., Atlanta, Ga. Fruit-juice-extracting machine. 1,620,551; Mar. 8.

Hulse, Edison G., assignor to Kelly-Springfield Tire Company, Cumberland, Md. Tire flap. 1,619,868; Mar. 8.

Hunt, John H., assignor to General Motors Research Corporation, Dayton, Ohio. Control of engine-oil heaters. 1,619,978; Mar. 8.

Hutchison, Miller R. (See Schick, Jacob, assignor.)

Hydraulic Brake Company. (See Loughead, Malcolm, assignor.)

Hyman, Henry & Co. (See Kleinman, Jack, assignor.)

Ihne, Charles, Baltimore, Md. Spray nozzle. 1,620,209; Mar. 8.

Indiana Canning Machinery Company. (See Lindley, Stacey B., assignor.)

Indiana Fibre Products Company. (See Bell, G. A., and Carson, assignors.)

Industrial Controller Company. (See Van Valkenburg, Hermon L., assignor).

International Scale Company. (See Osgood, L. A., and Wolf, assignors.)

Ipag International Patent Exploiting Company. (See Simmchen, Wilhelm, assignor.)

Jackson, Arthur H. (See Jones, E. P., and Jackson.)

Jackson, Lloyd E., Pittsburgh, Pa. Treating hydrocarbon oils. 1,619,869; Mar. 8.

Jackson Machine & Tool Company. (See Dowley, Jesse E., assignor.)

Jacobs, Ernest H., and C. F. Schoonmaker, Chicago, Ill. Electric-transmission system. 1,620,552; Mar. 8.

Jacobson, Conrad C., Glen Ridge, assignor to The Artesian Well Engineering Co., Inc., Newark, N. J. Automatic control for air lifts. 1,620,210; Mar. 8.

Jaffe, Abe, Philadelphia, Pa. Necktie holder. 1,620,553; Mar. 8.

Jelley, Henry, Birmingham, and J. Jelley, Coventry, England. Manufacture of cycle and like saddles. 1,620,554; Mar. 8.

Jelley, James. (See Jelley, Henry and J.)

Jenckick, Stephen, Cleveland, Ohio. Starting device for internal-combustion engines. 1,620,102; Mar. 8.

Jennings, Henry B., jr., Long Island, Va. Loose-leaf binder. 1,620,103; Mar. 8.

Jennings, Henry B., jr., Leesburg, Va. Loose-leaf binder. 1,620,104; Mar. 8.

Jennings, Henry B., jr., Leesburg, Va. Loose-leaf binder. 1,620,105; Mar. 8.

Jerabek, Benard D., Hutchinson, Minn. Wheel puller. 1,620,211; Mar. 8.

Jersey-Creme Company. (See Boswell, John S., assignor.)

Johnson, Alrik, Kelliher, Saskatchewan, Canada. Safety bumper. 1,620,106; Mar. 8.

Johnson, Arthur S. (See Rhoades, A. E., and Johnson.)

Johnson, Emil L., et al. (See Knistrom, Joseph, assignor.)

Johnson, Ernest E., Scotia, N. Y., assignor to General Electric Company. Displacement-responsive device. 1,620,465; Mar. 8.

Johnson, John M., Kansas City, Mo., assignor to The United States Automatic Fire Alarm Company. Fire-alarm system. 1,620,107; Mar. 8.

Johnson, John R., Greenwich, Conn. Fire pot. 1,620,353; Mar. 8.

Johnson, William M., assignor of one-half to F. E. Brown, Pomona, Calif. License plate. Des. 72,154; Mar. 8.

Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic device. 1,620,556; Mar. 8.

Jones, Benjamin W., and N. A. Wolfe, Schenectady, N. Y., assignors to General Electric Company. Electromagnetic device for alternating-current circuits. 1,620,555; Mar. 8.

Jones, Edward P., Ellesmere Port, and A. H. Jackson, Manchester, England. Machine for shearing metal bars. 1,620,354; Mar. 8.

Jones, James M., Lewisburg, Tenn. Railway and highway crossing gate. 1,620,026; Mar. 8.

Jones, John O., Dallas, Tex. Valve for engines and motors. 1,620,355; Mar. 8.

Jones, William J., Carthage, Mo. Stone and marble saw. 1,620,466; Mar. 8.

Jorgensen, Clarence H. (See Jorgensen, Peter J. and C. H.)
Jorgensen, Peter J. and C. H., Chicago, Ill. Lubricant cup. 1,620,557; Mar. 8.
Jory, William E., Martinez, Calif. Automobile headlight. 1,620,356; Mar. 8.
Josephs, Benjamin, et al. (See Methot, John A., assignor.)
Jourdan, Felix, Rome, Italy. Treatment of leucite and other sodium and potassium silicates with lime for the purpose of extracting potassium or sodium and aluminum values. 1,620,212; Mar. 8.
Joyce, James D., Philadelphia, Pa. Unwinding device. 1,620,558; Mar. 8.
Jublonsky, Max, San Francisco, Calif. Automobile bumper. 1,620,357; Mar. 8.
Julian, Gideon, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole-rounding machine. 1,620,027; Mar. 8.
Junonville, Edward, New Orleans, La. Combined mop and wringer. 1,620,028; Mar. 8.
Jury, Alfred E., Rutherford, N. J., and O. H. Smith, assignors to General Rubber Company, New York, N. Y. Preserving latex and product. 1,619,938; Mar. 8.
Kaden, Harry E., assignor to The Art Specialty Company, Cleveland, Ohio. Lighting fixture. Des. 72,155; Mar. 8.
Kanawha Manufacturing Company. (See Schadel, William F., assignor.)
Kaplan, Morris L., Hazleton, Pa. Cutting board and guide. 1,619,940; Mar. 8.
Kaplan, Morris L., and M. Brandish, Hazleton, Pa. Collar-stretching machine. 1,619,939; Mar. 8.
Karle, John D., Roselle Park, assignor to Diehl Manufacturing Company, Elizabeth, N. J. Medallion. 1,620,259; Mar. 8.
Kasantzeff, Florentin, Berlin, Germany. One-lined air brake. 1,619,979; Mar. 8.
Kearney, Joseph J., Henryetta, Okla. Swivel-socket closure. 1,620,029; Mar. 8.
Keenan, Edward T., Brewster, Fla. Vibration machine for screens. 1,620,213; Mar. 8.
Kell, James R., et al. (See Cunningham, Roy S., assignor.)
Kellogg, Daniel P., Los Angeles, Calif. Bolt or rod straightening machine. 1,620,260; Mar. 8.
Kelly-Springfield Tire Company. (See Hulse, Edison G., assignor.)
Kelsey, Cadwallader W., Short Hills, N. J. Steering gear. 1,619,980; Mar. 8.
Kennedy, Frank W., assignor to De Laval Steam Turbine Company, Trenton, N. J. Rotary gear pump. 1,620,261; Mar. 8.
Kennedy, William P., New York, N. Y. Motor vehicle. 1,619,941; Mar. 8.
Kenyon, William H., assignor to Entwisle & Kenyon Limited, Accrington, England. Carpet sweeper. 1,620,358; Mar. 8.
Key, James F., Sierre Madre, Calif., assignor to First Trust and Savings Bank of Pasadena, trustee. Valve. 1,620,108; Mar. 8.
Kidd, William J., Walnutport, Pa. Low-speed pedal actuating and holding means. 1,620,467; Mar. 8.
Killefer Manufacturing Company. (See Watters, Daniel M., assignor.)
King, George A., F. E. Warner, and E. H. Tompkins, assignors to Scovill Manufacturing Company, Waterbury, Conn. Mechanism for setting carpet fasteners. 1,620,468; Mar. 8.
King, George D. (See Brookby, H. E., and King.)
Kirchhoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Dough molder. 1,620,559; Mar. 8.
Kirkhoff, Samuel R., Stowe, Pa. Clamp. 1,620,469; Mar. 8.
Kirkpatrick, Richard J., Dodge City, Kans. Valve-spring compressor. 1,619,870; Mar. 8.
Kirnbauer, Michael, Forest Park, Ill. Check for garage-door-closing means. 1,620,109; Mar. 8.
Klaboe, Ralph, Chicago, Ill. Combination tool. 1,620,262; Mar. 8.
Klausmeyer, David C., assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Belt shifter. 1,620,214; Mar. 8.
Klebanoff, David, et al. (See Grossman, Samuel, assignor.)
Klein, Karl, St. Louis, Mo. Motor vehicle. 1,619,823; Mar. 8.
Kleinman, Jack, Bronx, assignor to Henry Hyman & Co., Inc., New York, N. Y. Telephone receiver. 1,620,263; Mar. 8.
Kleinschmidt, Edward E., Long Island City, N. Y., assignors to Morkrum-Kleinschmidt Corporation, Chicago, Ill. Motor-control system. 1,620,359; Mar. 8.
Kllesrath, Victor W. (See Bragg, C. S., and Kllesrath.)
Klinch Lath Corporation. (See Strand, Joseph, assignor.)
Klingaman, Lloyd L., Kelso, Wash. Actuating attachment for rims. 1,620,470; Mar. 8.
Knistrom, Joseph, assignor of one-half to E. L. Johnson and one-half to O. Lundsten, Attleboro, Mass. Belt buckle. 1,620,157; Mar. 8.
Knowlton, M. D., Company. (See Hawkins, Edgar M., assignor.)
Knut, Sargeant P., Washington, D. C. Sound magnifier. 1,619,981; Mar. 8.
Koeppe, Herman F., Detroit, Mich. Tank. 1,620,471; Mar. 8.
Koford, James M., trustee. (See Van Emon, Burton C., assignor.)
Kohn, Koby, New York, N. Y., assignor to Victory Sparkler & Specialty Co., Elkton, Md. Color changer for sparklers and analogous lights. 1,620,560; Mar. 8.
Kohn, Koby, New York, N. Y., assignor to Victory Sparkler & Specialty Co., Elkton, Md. Amusement and protective device. 1,620,561; Mar. 8.
Kolmar Laboratories. (See Marsek, Frederick A., assignor.)
Koning, Willem. (See De Jong, H., and Koning.)
Konoff, Alexander, assignor to Overland Metal Novelty Co. Inc., New York, N. Y. Eye set. 1,619,824; Mar. 8.
Koppe, Alexander T., Chicago, Ill., assignor, by mesne assignments, to Directoplate Corporation. Machine for making offset press plates. Re16,567; Mar. 8.
Kragen, Thomas R., and T. A. Errett, Los Angeles, Calif. Sterilizer. 1,620,360; Mar. 8.
Kreiss, Charles F. (See Kreiss, Edward J. and C. F.)
Kreiss, Edward J. and C. F., assignors to Kreiss Sign Co., Inc., Buffalo, N. Y. Illuminated sign. 1,620,472; Mar. 8.
Kreiss, Edward J. and C. F., assignors to Kreiss Sign Co., Inc., Buffalo, N. Y. Illuminated sign. 1,620,473; Mar. 8.
Kreiss Sign Co., Inc. (See Kreiss, Edward J. and C. F., assignors.)
Krick, Homer, assignor of one-half to E. N. Harber, Fort Wayne, Ind. Gang mail box. 1,620,474; Mar. 8.
Krieg, Walter L., assignor to Bendix Brake Company, Chicago, Ill. Brake shoe. 1,620,030; Mar. 8.
Kroczek, Anton M., Chicago, Ill. Birdcage. 1,620,361; Mar. 8.
Kurlloff, Samuel, assignor to Lehman Brothers Silverware Corporation, New York, N. Y. Beverage urn or similar article. Des. 72,156; Mar. 8.
Labbe, Itoland A., Onaga, Kans. Device for supplying moistened air to internal-combustion engines. 1,619,871; Mar. 8.
Lachman, Laurence S. (See Lachman, Maurice and L. S.)
Lachman, Maurice and L. S., New York, N. Y., assignors to Universal Electric Welding Company. Girder. 1,620,362; Mar. 8.
Lambert, Albert L., Narberth, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Vehicle door construction. 1,620,614; Mar. 8.
Lambert, Albert L., Narbeth, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Vehicle door construction. 1,620,615; Mar. 8.
Lambert, Albert L., assignor to Heintz Manufacturing Company, Philadelphia, Pa. Making axle housings. 1,620,616; Mar. 8.
Lamberton, Jack H., Santa Monica, Calif. Shirt. Des. 72,157; Mar. 8.
Landman, Herman, Kansas City, Mo. Ice-cream-dipper mold. 1,620,110; Mar. 8.
Lane, Edwin, assignor to Carolyn Laundry, New York, N. Y. Laundry check. 1,620,158; Mar. 8.
Langer, Julius, Hamburg, Germany. Fire bridge. 1,620,215; Mar. 8.
Lanning, James K., Fall River, Mass. Half lap for combing textile fibers. 1,620,031; Mar. 8.
Larkin, Arthur J., Council Bluffs, Iowa, assignor of one-third to J. J. Dodds, Omaha, Nebr. Power wheel. 1,620,363; Mar. 8.
Lashar, Thomas B., Fairfield, Conn., and T. H. Lashar, Chicago, Ill., assignors to Associated Silver Company, Chicago, Ill. Silver-reenforced tableware and making the same. 1,619,872; Mar. 8.
Lashar, Thomas H. (See Lashar, Thomas B., and T. H.)
Latourell, Charles H., Heppner, Oreg. Gun sight. 1,620,364; Mar. 8.
Lawler, Chester R. (See Sannar, J. T., and Lawler.)
Lawrence, Ruben B., Bellevue, assignor to Federal Laboratories, Inc., Pittsburgh, Pa. Hand grenade. 1,620,475; Mar. 8.
Lawton, Mortimer P., assignor to Atlantic Steel Company, Atlanta, Ga. Band-bending and buckle-attaching machine. 1,619,873; Mar. 8.
Lazore, Inc. (See Claude, Georges, assignor.)
Lee, George P., East Stroudsburg, Pa. Automobile jack. 1,619,942; Mar. 8.
Lee, Leif, Youngstown, Ohio. Rolling mill. 1,620,476; Mar. 8.
Lehman Brothers Silverware Corporation. (See Kurlloff, Samuel, assignor.)
Lehman, Max R., assignor to Orbon Stove Co., Belleville, Ill. Stove. Des. 72,158; Mar. 8.
Lehr, Louis, Brighton Heights, assignor to S. Bruner, Far Rockaway, N. Y. Buckle. 1,620,216; Mar. 8.
Lehrecke, Hans, Frankfort-on-Main, Germany, assignor to The Roessler & Hasslacher Chemical Company, New York, N. Y. Evolution of hydrocyanic acid. 1,620,365; Mar. 8.
Lehwess, Edouard B., Paris, France. Clockwork mechanism. 1,619,943; Mar. 8.
Leichter, Philip, New York, N. Y. Shirt neckband and making the same. 1,620,477; Mar. 8.
Leonard, Frank P., Troy, N. Y., assignor of one-half to F. C. Claessens, Troy, N. Y. Nail. 1,619,944; Mar. 8.

Leonard, Peter G., Tulsa, Okla., assignor to Bovaird and Seyfang Manufacturing Company, Bradford, Pa. Clutch. Re16,568; Mar. 8.
Leslie, Maud, Paintsville, Ky. Curtain. 1,619,945. Mar. 8.
Levy, Samuel S., Boston, Mass. Window shade. 1,620,159; Mar. 8.
Lewis, Edward D., Elmira, N. Y. Oil-burning apparatus. 1,620,111; Mar. 8.
Lewis, Stephen, Martins Ferry, Ohio. Shock absorber for vehicles. 1,620,112; Mar. 8.
Libbey Glass Manufacturing Company, The. (See Ratner, Richard L., assignor.)
Licht, William I., Brooklyn, N. Y. Radio extension conductor and reel. 1,620,562; Mar. 8.
Lightship Cloth Board Corporation. (See Smith, Harry B., assignor.)
Lincoln Manufacturing Company. (See Airo, Sally, assignor.)
Lincoln Manufacturing Company. (See Aspinwall, Robert S., assignor.)
Lincoln Meter Company Limited, The. (See Paine, Louis A., assignor.)
Lind, Frederick A., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Tire holder. 1,620,478; Mar. 8.
Linde Air Products Company, The. (See Carter, Glenn O., assignor.)
Lindemann, Frederick W., St. Paul, Minn. Garment press. 1,620,366; Mar. 8.
Lindemann, Oscar, Tompkinsville, N. Y. Birdcage. Des. 72,159; Mar. 8.
Lindh, Carl R., et al. (See Madsen, Gustav N., assignor.)
Lindley, Stacey B., assignor to Indiana Canning Machinery Company, Indianapolis, Ind. Turnover table for vegetables and fruits. 1,620,217; Mar. 8.
Lindström, Carl, Aktiengesellschaft. (See Holtz, Karl, assignor.)
Link-Belt Company. (See Pollak, Solomon, assignor.)
Lion, Henry, Paris, France. Sound-purifying device. 1,620,367; Mar. 8.
Lipman, Adolph, assignor to Venus Brassiere Co., Chicago, Ill. Corset. 1,619,874; Mar. 8.
Live Leather Products, Inc. (See Martin, Horace J., assignor.)
Livergood, Gerald R. (See Nixon, J. D., and Livergood.)
Lloyd, Harold M., Los Angeles, Calif. Lamp post. Des. 72,160; Mar. 8.
Lockwood, Aleatha H., Hartford, Conn. Maternity corset. 1,620,264; Mar. 8.
Locomotive Terminal Improvement Co., The. (See Summers, Bertrand S., assignor.)
Loftus, Thomas L., assignor to E. V. Timm, Denver, Colo. Excavating machine. 1,619,875; Mar. 8.
Lomax, Clarence E., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,620,113; Mar. 8.
Long-Bell Lumber Company, The. (See Huffman, Charles A., assignor.)
Longworth, Arthur, assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Radio receiving loop. Des. 72,161; Mar. 8.
Loom Lay Patch Company. (See Hudgens, Albert C., assignor.)
Loomis, Virgil V., assignor to United States Glass Company, Pittsburgh, Pa. Goblet. Des. 72,162; Mar. 8.
Losey, Sylvester. (See Hawkins, J. M., and Losey.)
Loughead, Malcolm, Detroit, Mich., assignor, by mesne assignments, to Hydraulic Brake Company, Los Angeles, Calif. Hose fitting. 1,620,114; Mar. 8.
Lox Seal Corporation, The. (See Behrman, Marcus B., assignor.)
Lucas, Joseph C., Blandinsville, Ill. Bank protector. 1,619,982; Mar. 8.
Lucke, Charles E., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Internal-combustion engine. 1,619,825; Mar. 8.
Ludwick, Herbert V., assignor to Budd Wheel Company, Philadelphia, Pa. Brake-applying mechanism for motor vehicles. 1,620,265; Mar. 8.
Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Arnstein, Karl, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Dürr, Ludwig, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Hilligardt, Erich, assignor.)
Lundsten, Olof, et al. (See Knistrom, Joseph, assignor.)
Lynch, Patrick H. (See McKay, J. A., and Lynch.)
Maanum, Dedrick A., Hancock, Minn. Can washer. 1,620,116; Mar. 8.
Mackenzie, Fred L. (See Goddu, G., and Mackenzie.)
MacKenzie, Frederick J., Trenton, N. J. Hydraulic brake mechanism. 1,620,115; Mar. 8.
Maddox, Notley, Los Angeles, Calif. Adjustable sawing machine. 1,620,370; Mar. 8.
Maddox, Notley, Los Angeles, Calif. Adjustable boring machine. 1,620,371; Mar. 8.
Madsen, Gustav N., assignor of one-third to C. R. Lindh and one-third to E. B. Gustafson, Minneapolis, Minn. Electric water heater. 1,620,117; Mar. 8.
Magee, John, Hartford, Conn. Toothbrush and container for same. 1,619,946; Mar. 8.
Maider, Martha M., Akron, Ohio. Shoulder-strap fastener. 1,620,372; Mar. 8.
Makin, John S., Philadelphia, Pa. Automatic humidifier. 1,620,373; Mar. 8.
Makowski, John F., Stockton, Calif., assignor, by mesne assignments, to Fire Proof Wall Company, Reno, Nev. Mounting lathing structures for plaster walls. 1,619,947; Mar. 8.
Malligan, Joseph, Point Marion, Pa. Transmission band. 1,619,983; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Embroidered cloth bridge-table cover or the like. Des. 72,163; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace table cover or the like. Des. 72,164; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace table cover or the like. Des. 72,165; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace table cover or the like. Des. 72,166; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace tray cover or the like. Des. 72,167; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace scarf or the like. Des. 72,168; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,169; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,170; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,171; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,172; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,173; Mar 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,174; Mar. 8.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,175; Mar. 8.
Maloney, Edward J., Long Island City, N. Y. Motorized handsaw. 1,620,374; Mar. 8.
Mangiameli, Francesco, Corleone, Italy. Device for proportionate feeding of gases. 1,619,948; Mar. 8.
Mannes, Leopold D., New York, N. Y., and L. Godowsky, jr., Los Angeles, Calif. Method and apparatus for producing colored motion pictures. 1,619,949; Mar. 8.
Mapes, Clarence T., Pittsburgh, Pa. Underreamer. 1,619,984; Mar. 8.
Markert, Franz, Lindenruh-Glogau, Germany, assignor to Mount Clemens Pottery Company, Mount Clemens, Mich. Plate or similar article. Des. 73,176; Mar. 8.
Marsek, Frederick A., assignor to Kolmar Laboratories, Milwaukee, Wis. Combined face powder and skin bleach. 1,620,269; Mar. 8.
Marsh, Louis, and O. J. Dufresne, St. Paul, Minn.; said Marsh assignor to said Dufresne. Fisherman's bait trap and carrier. 1,620,617; Mar. 8.
Marsh, Thomas A., Chicago, Ill., assignor to Green Engineering Company, East Chicago, Ind. Stoker furnace. 1,620,270; Mar. 8.
Martin, Frederick W., Brooklyn, N. Y., assignor to Franklin Railway Supply Company. Lubricator. 1,620,479; Mar. 8.
Martin, Horace J., Brookline, assignor, by mesne assignments, to Live Leather Products, Inc., Cambridge, Mass. Elastic strapping. 1,620,162; Mar. 8.
Marty, Benjamin F., Friant, Calif. Well pump. 1,619,950; Mar. 8.
Marx, Carl, Wyoming, N. J., assignor of one-half to R. Weiss, New York, N. Y. Preparation of concentrated onion juice. 1,619,826; Mar. 8.
Mason, Richard C., Tulsa, Okla. Power transmission. 1,619,876; Mar. 8.
Mathews, Fred. (See Strid, Sven J., assignor.)
Mathews, Fred, Chicago, Ill. Mounting for brake gears. 1,620,271; Mar. 8.
Mattern, George W., assignor to The Crawford, McGregor and Canby Company, Dayton, Ohio. Golf club. 1,620,118; Mar. 8.
Matthni, William H., assignor to The Homeland Mfg. Co., Baltimore, Md. Handle for tools. 1,620,480; Mar. 8.
May, Charles J., Mishawaka, Ind. Jar holder. 1,620,272; Mar. 8.
Mayer, Benjamin, assignor to The Pronto Manufacturing Company, Baltimore, Md. Electric cooking device. 1,620,602; Mar. 8.
Mayer, Emil M., Cincinnati, Ohio. Child's vehicle. 1,620,563; Mar. 8.
Mayer, Fred G., assignor to Starr Piano Company, Richmond, Ind. Combined radio and phonograph appsratus. 1,620,481; Mar. 8.
Mayer, Karl, Vienna, Austria. Turntable. 1,620,273; Mar. 8.
Maynes Corporation. (See Maynes, Hyla F., assignor.)
Maynes, Hyla F., North Tonawanda, N. Y., assignor to Maynes Corporation, Dover, Del. Amusement ride. Re16,569; Mar. 8.
McCabe, Thomas, Arnold Borough, Pa. Plate-lifting mechanisms for rolling mills. 1,620,032; Mar. 8.
McCallum, Alexander J., Little Falls, N. Y. Hose or socks. 1,620,160; Mar. 8.
McCarthy, Joseph A., Jamaica, N. Y. Extracting soot and grease from flue gases. 1,620,266; Mar. 8.
McClelland, Bert, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Pressure gauge. 1,620,482; Mar. 8.
McDaniel, Samuel, Knoxville, Tenn. Water key. 1,620,161; Mar. 8.
McDougall, David. (See Melville, A., and McDougall.)

McElhaney, Frank, Morgantown, W. Va. Aeroplane. 1,620,368; Mar. 8.
McElroy, Charles W., Philadelphia, Pa. Attachment for saxophones. 1,620,364; Mar. 8.
McElwain, James, assignor of one-half to J. E. Wright, sr., Wheeling, W. Va. Method of and apparatus for indicating the amount of liquid in a supply tank. 1,620,606; Mar. 8.
McElwee, Clayton R. (See Whisler, J. C., and McElwee.)
McGuire, Hugh W. (See Cobb, William J., assignor.)
McKay, John A., Manufacturing Company, The. (See McKay, J. A., and Lynch, assignors.)
McKay, John A., and P. H. Lynch, assignors to The John A. McKay Manufacturing Company, Inc., Dunn, N. C. Lock for the wheeled axles of stalk cutters and other wheeled agricultural implements. 1,620,369; Mar. 8.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Winding machine. 1,620,267; Mar. 8.
McKeown, Joseph B., Grantwood, N. J. Explosive chamber for gas engines. 1,620,565; Mar. 8.
McKibben, Robert E., Warrendale, Pa. Shoe. 1,620,612; Mar. 8.
McMahon, William F., Riverside, Calif. Noiseless elevator safety stop. 1,620,033; Mar. 8.
McMinn, John E., assignor to Peerless Manufacturing Company, Louisville, Ky. Heater. Des. 72,177; Mar. 8.
McPhail, Ewen, Missoula, Mont. Luggage carrier. 1,620,218; Mar. 8.
McVicker, Emery M., Milwaukee, Wis. Conveyer. 1,620,268; Mar. 8.
Meadowcroft, Joseph W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automatic electric welding machine. 1,620,274; Mar. 8.
Measurgraph Company, The. (See Hosch, Greene C., assignor.)
Melhinch, Charles L., Carbondale, Pa. Automatic switch. 1,619,877; Mar. 8.
Meling, Gustave, Flushing, N. Y. Amusement device. 1,620,375; Mar. 8.
Melville, Alexander, and D. McDougall, Glasgow, Scotland. Machinery for bending metallic rods, wires, or the like. 1,619,951; Mar. 8.
Mercer, Harry, McDonald, Ohio. Rolling-mill guide. 1,620,566; Mar. 8.
Mercer, Henry S. (See Waters, Victor J., assignor.)
Mershon, Ralph D., New York, N. Y. Excitation of electrolytic condensers. 1,620,119; Mar. 8.
Metal & Thermit Corporation. (See Taurman, Alphonso, assignor.)
Methot, John A., assignor to B. Josephs and J. H. Corash, Worcester, Mass. Small hand bag. Des. 72,178; Mar. 8.
Meyer, Frank J. (See Baer, Abraham L., assignor.)
Meyerson, Max, New York, N. Y. Card holder. 1,619,827; Mar. 8.
Michelson, Albert S., assignor to The Akron Rubber Mold and Machine Company, Akron, Ohio. Tire. Des. 72,179; Mar. 8.
Miehle, Robert F., jr., assignor to The Bell & Howell Company, Chicago, Ill. Reel. 1,619,952; Mar. 8.
Mikulic, Milos N., Kansas City, Mo. Automatic alternating-current cut-out device for polyphase circuits. 1,620,483; Mar. 8.
Miller, Frank P., Chicago, Ill. Accessory container for railway use. 1,620,376; Mar. 8.
Miller Improved Gas Engine Company, The. (See Watts, Elmer A., assignor.)
Miller, Jane R., Los Angeles, Calif. Necklace or similar article. Des. 72,180; Mar. 8.
Miller, Joseph N. (See Ball, Joseph S., assignor.)
Milliff, Frank A. and J. A., Los Angeles, Calif. Process of and apparatus for refining petroleum. 1,620,163; Mar. 8.
Milliff, Frank A. and J. A., Los Angeles, Calif. Adjustable weir. 1,620,164; Mar. 8.
Milliff, John A. (See Milliff, Frank A. and J. A.)
Millward, George, Marquette, Mich. Automobile ladder. 1,620,377; Mar. 8.
Minneapolis Dredging Co. (See Casey, Vasco F., assignor.)
Minutillo, Francesco, New York, N. Y. Auxiliary motor-drive mechanism for player pianos. 1,620,484; Mar. 8.
Mistretta, Antonio, New York, N. Y. Trimming device for embroidery machines. 1,620,378; Mar. 8.
Mitchell, Charlie B., Los Angeles, Calif. Direction signal for motor vehicles. 1,620,379; Mar. 8.
Mobley, Ormonde O. (See Goulas, Henry, assignor.)
Monckton, Charles E. (See Ball, Everett R., assignor.)
Monthe, William. (See Densmore, William M., assignor.)
Moore, George L., Bethlehem, Pa. Rail anchor. 1,620,275; Mar. 8.
Morgan, Harry D., and F. P. Bushey, San Francisco, Calif.; said Bushey assignor to said Morgan. Dosage spoon. 1,619,878; Mar. 8.
Morkrum-Kleinschmidt Corporation. (See Kleinschmidt, Edward E., assignor.)
Morris, Leonard D., Chicago, Ill. Sound amplifier. Des. 72,181; Mar. 8.
Morrison, Samuel E., Lynn, Mass. Gradometer. 1,620,380; Mar. 8.
Morshead, Howard, and H. H. Wigglesworth, assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Drying machine. 1,620,120; Mar. 8.
Mortland, George W., Lead, S. Dak. Ore-grinding machine. 1,620,276; Mar. 8.
Morton, Charles, Pawtucket, R. I. Spinning frame. 1,619,985; Mar. 8.
Morton, Charles, Pawtucket, R. I. Spinning frame. 1,619,986; Mar. 8.
Morton, Harry D., New York, N. Y. Guide and conductor for welding electrodes. 1,620,220; Mar. 8.
Morton, Harry D., New York, N. Y., assignor to Automatic Arc-Welding Company, Detroit, Mich. Arc-welding system. 1,620,219; Mar. 8.
Mose, Carl C., Chicago, Ill., assignor to The Studebaker Corporation, South Bend, Ind. Automobile radiator-cap ornament. Des. 72,182; Mar. 8.
Mount Clemens Pottery Company. (See Markert, Franz, assignor.)
Moyers, George F., Osceola, Iowa. Poultry feeder. 1,620,607; Mar. 8.
Munson, Charles A., New Britain, Conn. Forming hinges. 1,620,603; Mar. 8.
Munson, Sweney, Scammon, Kans. Lubricator. 1,620,381; Mar. 8.
Murphy, Fred K., and R. W. Retterer, Indianapolis, Ind. Fluid-operable lubricator for engines. 1,620,121; Mar. 8.
Murray, Thomas E. (See Hoffer, Le Roy H., assignor.)
Mutscheller, Arthur, New York, N. Y. Electric phonograph record and making the same. 1,620,122; Mar. 8.
Myers, Cornelius T., Avenel, N. J. Magazine lubricating means. 1,620,277; Mar. 8.
Myers, Cornelius T., Avenel, N. J. Magazine lubricating means. 1,620,278; Mar. 8.
Nagel-Chase Mfg. Co., The. (See Nagel, Theodore, assignor.)
Nagel, Theodore, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Vapor burner. 1,620,123; Mar. 8.
Nakagawa, Shoichi, San Jose, Calif. Combined side wing and sun and rain shield for automobiles. 1,619,879; Mar. 8.
National Manufacturing Company. (See Pemberton, Harold, assignor.)
Navarre, Placide, Paris, assignor to Société Fraisse Freres, Cavaillon, and Société P. Navarre et Fils, Paris, France. Apparatus for continuous extraction by pressure. 1,620,567; Mar. 8.
Neal, Frank F., assignor of one-half to F. W. Neal, Chicago, Ill. Money-changer holder. 1,619,880; Mar. 8.
Neal, Frank W. (See Neal, Frank F., assignor.)
Neidich, Samuel A., Edgewater Park, N. J. Ribbon-spool clutch. 1,620,279; Mar. 8.
Nelson, Fyan L., and J. A. Harmon, Uvalde, Tex. Equalizer for four-wheel brakes. 1,620,221; Mar. 8.
Nelson, Nels H., Minneapolis, Minn. Vehicle signal. Des. 72,183; Mar. 8.
Neumann, R., Hardware Co., The. (See Stuart, Frank T., assignor.)
Newton, Charles T., Glendale, Calif. Dispenser. 1,620,280; Mar. 8.
Nielsen, George P., Seattle, Wash. Internal-combustion engine. 1,620,124; Mar. 8.
Nixon, Jeddy D., and G. R. Livergood, Houston, Tex. Pump. 1,620,222; Mar. 8.
Norcross, Daniel E., Dallas, Tex. Steering-wheel knob. 1,620,223; Mar. 8.
North, Clayton O., Tallmadge Township, Summit County, Ohio. Higher aldehyde derivatives of reaction products of aldehydes and amines and making same. 1,619,953; Mar. 8.
Norton, William T., jr., Chicago, Ill. Vehicle brake. 1,620,485; Mar. 8.
Novadel Process Corporation. (See Gelissen, Henri C. J. H., assignor.)
Nowosielski, Edward B., Bloomfield, assignor to Splitdorf Electrical Company, Newark, N. J. Radiator cap. Des. 72,184; Mar. 8.
O'Bannon, Walter A., Tulsa, Okla. Multiple sucker-rod socket. 1,620,382; Mar. 8.
O'Bannon, Walter A., Tulsa, Okla. Sucker-rod socket. 1,620,383; Mar. 8.
O'Bannon, Walter A., Tulsa, Okla. Multiple sucker-rod socket. 1,620,486; Mar. 8.
O'Branovich, Matt A., Tabasco, Colo. Lock. 1,619,881; Mar. 8.
Ogden, Charles H., et al. (See Hammond, Robert O., assignor.)
Ohaver, David W., Rockville, Ind. Resilient-tire traction device. 1,620,384; Mar. 8.
Ohio Cultivator Company, The. (See Griffith, Richard H., assignor.)
Ohl, Russell S., New York, N. Y., assignor to American Telephone and Telegraph Company. Transferring high-frequency energy. 1,619,882; Mar. 8.
O'Leary, Thomas J., St. Paul, Minn. Signal for motor cars. 1,620,385; Mar. 8.
Oliver Chilled Plow Works. (See Dewend, William D., assignor.)
Oliver Typewriter Company, The. (See Washburne, William H., assignor.)
Olmstead, Edward L. (See Olmstead, William L. and E. L.)
Olmstead, William L., Pomona, and E. L. Olmstead, Anaheim, Calif. Air strainer for combustion engines. 1,619,954; Mar. 8.

Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Magnetic speedometer. 1,620,034; Mar. 8.
Orbon Stove Co. (See Lehman, Max R., assignor.)
Ordway, Carroll T., assignor of one-half to C. Ordway, Brooklyn, N. Y. Centrifugal machine. 1,620,568; Mar. 8.
Ordway, Charles. (See Ordway, Carroll T., assignor.)
Orr, Elijah C., Seattle, Wash. Saw-tooth grinder. 1,620,165; Mar. 8.
Osborn, Harold C., Chicago, Ill. Illuminated sign. 1,620,386; Mar. 8.
Osborn Manufacturing Company, The. (See Curtis, Edward E., assignor.)
Osgood, Louis A., Dayton, and E. E. Wolf, Springfield, Ohio, assignors, by mesne assignments, to International Scale Company. Weighing scale. 1,620,125; Mar. 8.
Östberg, Karl G., Stocksund, Sweden. Advertising apparatus. 1,619,987; Mar. 8.
Overland Metal Novelty Co. Inc. (See Konoff, Alexander, assignor.)
Oyston, William R., Sydney, New South Wales, Australia. Collapsible baby carriage. 1,620,281; Mar. 8.
P & M Company, The. (See Warr, Harold G., assignor.)
Paine, Louis A., assignor to The Lincoln Meter Company Limited, Toronto, Ontario, Canada. Electric measuring instrument. 1,620,126; Mar. 8.
Palmer, David, Sharon, Kans. Clevis. 1,620,387; Mar. 8.
Palmer, Theron R., Erie, Pa. Apparatus for molding battery boxes. 1,620,388; Mar. 8.
Palmer, William C., Davenport, Iowa. Velocimeter. 1,620,224; Mar. 8.
Palmers Limited. (See Fairbairn, Francis A., assignor.)
Papst, Hermann, Vienna, Austria, assignor to E. D. Feldman, New York, N. Y. Electric machine with split poles. 1,620,608; Mar. 8.
Parker, Morgan, New York, N. Y. Scissors. 1,620,225; Mar. 8.
Parker, Morgan, New York, N. Y. Scissors. 1,620,226; Mar. 8.
Parker, Ralph D., San Francisco, Calif. Vehicle signaling window. 1,620,166; Mar. 8.
Parks, Paul B., Oak Park, and J. Van Vulpen, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Pressure-actuated circuit breaker. 1,620,127; Mar. 8.
Pauly Jail Building Company. (See Tracy, Michael J., assignor.)
Paxton, Arthur H., Omaha, Nebr. Carcass-splitting machine. 1,620,035; Mar. 8.
Payton, Victor R., Ardmore, Okla. Razor compact. 1,620,389; Mar. 8.
Pearson, Eric A., Portland, Oreg. Method and apparatus for changing main sheaves and cables on lift bridges. 1,620,284; Mar. 8.
Peerless Manufacturing Company. (See McMinn, John E., assignor.)
Pelzer, Harold H., New York, N. Y. Machine for applying gumming labels, wrappers, and the like. 1,620,282; Mar. 8.
Pemberton, Harold, assignor to National Manufacturing Company, Seattle, Wash. Toy balloon. 1,620,036; Mar. 8.
Perry, John E., Sharon, assignor to Valley Mould & Iron Corporation, Sharpsville, Pa. Casting ingot molds and apparatus for same. 1,620,128; Mar. 8.
Perry, John E., Sharon, assignor to Valley Monld and Iron Corporation, Sharpsville, Pa. Core box for ingot molds or the like. 1,620,227; Mar. 8.
Peschl, Frank A., Jackson Heights, N. Y. Paper-making machine. 1,620,037; Mar. 8.
Peters, Henry W., Columbus, Ohio. Dust hood. 1,620,390; Mar. 8.
Peters, James B. (See Peters, James C. and J. B.)
Peters, James C. and J. B., Reedsville, Pa. Double-row ginseng seed drill. 1,620,283; Mar. 8.
Peterson, Gabull, Tarpon Springs, Fla. Propeller guard. 1,620,129; Mar. 8.
Pfau, Arnold, jr., Milwaukee, Wis. Electrical heating appliance. Des. 72,186; Mar. 8.
Philadelphia Drying Machinery Company, The. (See Morshead, H., and Wigglesworth, assignors.)
Philadelphia Electrical & Manufacturing Company. (See Bundy, Clifton L., assignor.)
Phoenix Hosiery Company. (See Breyer, Robert, assignor.)
Pietzsch, Frank H., assignor to Western Railway Equipment Company, St. Louis, Mo. Floor construction. 1,620,130; Mar. 8.
Pittsburgh Plate Glass Company. (See Evans, Albert E., assignor.)
Pittsburgh Plate Glass Company. (See Halbach, H. L., and Sweet, assignors.)
Pittsburgh Plate Glass Company. (See Hitchcock, Halbert K., assignor.)
Pollak, Solomon, San Francisco, Calif., assignor to Link-Belt Company, Chicago, Ill. Flexible coupling. 1,620,285; Mar. 8.
Pollock, Elizabeth M. and M., Flint, Mich. Lingerie-strap holder. 1,620,228; Mar. 8.
Pollock, Milton. (See Pollock, Elizabeth M. and M.)
Pomeroy, James W. (See Todd, W. C., and Pomeroy.)
Postell, F. F. (See Arundel, Clarence E., assignor.)
Potts, Louis M., Tenafly, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Trouble-indicating system. 1,620,286; Mar. 8.
Powell, Arthur L., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Filament support for series lamps. 1,620,487; Mar. 8.
Powers, Howard, Marietta, Ohio. Concrete mixer. 1,620,287; Mar. 8.
Prator, Ernest P., assignor of one-third to J. T. Fredricks, Leeper, and one-third to J. R. Stephens, St. Louis, Mo. Automatic shut-off for water gauges. 1,619,828; Mar. 8.
Pressteel Engineering Corporation. (See Haid, Herbert, assignor.)
Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Stoker-side-wall construction. 1,620,488; Mar. 8.
Price, David R., Wellesley, assignor to Florence Stove Company, Gardner, Mass. Oil stove and electrical igniting means. 1,620,489; Mar. 8.
Price, Owen A., Kilmarnock, Scotland. Automatic self-closing valve. 1,620,131; Mar. 8.
Pronto Manufacturing Company, The. (See Mayer, Benjamin, assignor.)
Psilander, Charles A., Youngstown, Ohio, assignor to American Manganese Steel Company, Chicago, Ill. Reversible-point dipper tooth. 1,620,132; Mar. 8.
Pukt, Albert J., Boston, and I. Hendlin, South Boston, Mass. Container for ice-cream cones. 1,619,883; Mar. 8.
Pulilean Manufacturing Corporation. (See Trinks, William W., assignor.)
Quick, Aaron N., Los Angeles, Calif. Detachable anti-glare lens. 1,620,569; Mar. 8.
Rail Joint Company, The. (See Wolhaupter, Benjamin, assignor.)
Rainsford, Thomas F., Detroit, Mich., assignor of one-foudth to T. C. Whitehead, River Rouge, Mich. Automobile radiator. Des. 72,187; Mar. 8.
Ramsey, Elmer R. (See Blomfield, A. L., and Ramsey.)
Ramsey, George M. (See Gladwill, R. H., and Ramsey.)
Ramstad, Carl N., Valdez, Alaska. Fastening device. 1,620,391; Mar. 8.
Randolph, Otis M., Kinsley, Kans. Topping and pruning knife. 1,620,133; Mar. 8.
Ratner, Richard I., New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Drinking glass. Des. 72,188; Mar. 8.
Ratner, Richard I., New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Goblet. Des. 72,189; Mar. 8.
Ratner, Richard I., New York, N. Y., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Sherbet glass. Des. 72,190; Mar. 8.
Raybestos Company, The. (See Stanley, Frederick C., assignor.)
Reed, Harold V., assignor to The Borg & Beck Company, Chicago, Ill. Clutch. 1,619,884; Mar. 8.
Reedy, John H., and W. S. Brock, Urbana, Ill. Fungicide and preparing same. 1,620,229; Mar. 8.
Reinhard, Frank, Eau Claire, Wis. Gear-shift stop. 1,619,955; Mar. 8.
Reinke, John C., jr., Pulaski, Wis. Supporting device. 1,620,288; Mar. 8.
Relief Society for the Aged. (See Sprague, Alonzo B., assignor.)
Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 1,620,038; Mar. 8.
Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Switch mechanism. 1,620,167; Mar. 8.
Renehan, Claude R., Texas City, Tex. Cut-off. 1,619,956; Mar. 8.
Renholdt, John E., Stratford, Conn. Control mechanism. 1,620,230; Mar. 8.
Republic Brass Company. (See Bloch, Leon, assignor.)
Retterer, Raymond W. (See Murphy, F. K., and Retterer.)
Reynolds, Joseph H., Bristol, Tenn. Automatic gluing machine for applying paper to wood. 1,620,570; Mar. 8.
Rhoades, Alonzo E., and A. S. Johnson, assignors to Draper Corporation, Hopedale, Mass. Yarn tension for winding machines. 1,620,571; Mar. 8.
Richardson, David W., Princeton, N. J. Radio antenna system. 1,620,231; Mar. 8.
Riches, Piver & Co. (See Sanders, George E., assignor.)
Rider, Herbert E., assignor to E. L. Hall, New York, N. Y. Insulator. 1,620,392; Mar. 8.
Ridgway, Herbert N., Winthrop, Mass. Amusement apparatus. 1,619,988; Mar. 8.
Ridley, Grahame B., assignor to E. B. Ward, San Francisco, Calif. Desiccator. 1,620,289; Mar. 8.
Riley Stoker Corporation. (See Beers, Royce L., assignor.)
Ripplen, Walter, Philadelphia, Pa. Hydrometer. 1,620,393; Mar. 8.
Ritchie, W. C., & Company. (See Stock, Julius A., assignor.)
Riter, William D., et al. (See Gage, Charles H., assignor.)
Ritow, Herman, Chicago, Ill. Skate. 1,620,232; Mar. 8.
Robertson, Robert D., Windsor, Ontario, Canada. Loading device. 1,620,039; Mar. 8.
Robillard, Godfrey N. (See Blackham, N. A., and Robillard.)
Robin, Joseph E., New York, N. Y. Method and apparatus for fire protection in moving-picture machines. 1,619,957; Mar. 8.

Rockwell, Byrd C., St. Joseph, Mo. Knife glue clamp. 1,619,989; Mar. 8.
Rodriguez, Alfredo, Angiola, Calif. Hand fan. 1,620,394; Mar. 8.
Roessler & Hasslacher Chemical Company, The. (See Lehrecke, Hans, assignor.)
Rohde, Paul, Berlin, Germany, assignor to General Electric Company. Alternating-current commutator motor. 1,620,395; Mar. 8.
Rohn, Wilhelm, Hanau-on-the-Main, Germany, assignor to Charles Engelhard, Inc., New York, N. Y. Electric resistance muffle furnace. 1,619,829; Mar. 8.
Root, Chapman J. (See Samuelson, Alexander, assignor.)
Rosenblum, Morris, Pittsfield, Mass. Thread and cord cutter. 1,620,572; Mar. 8.
Rosenthal, Frank, New York, N. Y. Making thread. 1,620,233; Mar. 8.
Rostron, Joseph A., Cambridge, Mass. Rheostat. 1,620,573; Mar. 8.
Ross, Rufus R., Detroit, Mich. Fuel economizer and carbonizing device. 1,619,830; Mar. 8.
Royal, Ellery E., assignor to United States Screw & Stamping Co., Worcester, Mass. Shuttle tip. 1,620,234; Mar. 8.
Royse, Grover C., Ogden, Utah. Convertible built-in hot-air furnace. 1,620,235; Mar. 8.
Rubin, Adolph, St. Louis, Mo., assignor, by mesne assignments, to Arcade Manufacturing Company, Freeport, Ill. Fastener for refrigerator doors. 1,619,831; Mar. 8.
Rubin, Adolph J., Brooklyn, N. Y. Signal bell. 1,620,290; Mar. 8.
Ruckel, Le Roy, Stamford, Conn. Windshield cleaner. 1,619,885; Mar. 8.
Rutter, Essington O., Bangaroo, near Canowindra, New South Wales, Australia. Swiveling headlight of automobiles. 1,620,291; Mar. 8.
Ryan, Dorsy M., Hinton, W. Va. Diagnostic apparatus. 1,619,886; Mar. 8.
Sackett, Herbert S., Windom, Minn. Advertising device. 1,620,396; Mar. 8.
Saltzman, Joseph. (See Zeman, Anton, assignor.)
Samson, Curt, Berlin, Germany, assignor to General Electric Company. Incandescent electrode device. 1,620,397; Mar. 8.
Samuelson, Alexander, assignor to C. J. Root, Terre Haute, Ind. Glass-working machine. 1,620,292; Mar. 8.
Sanders, George E., Deloro, Ontario, Canada, assignor to Riches, Piver & Co. Copper-lime dust. 1,620,490; Mar. 8.
Sannar, John T., and C. R. Lawler, Enterprise, Oreg. Log-securing device. 1,619,958; Mar. 8.
Sapp, Casiah, Enterprise, Oreg. Paper-bag-sealing means. 1,619,887; Mar. 8.
Sasseman, David C., River Forest, assignor to F. H. Smith Manufacturing Company, Chicago, Ill. Seal press. 1,619,959; Mar. 8.
Savage, Edward S., Rochester, N. Y. Changeable assembly set for amusement and educational purposes. 1,620,574; Mar. 8.
Schade, Blanche, Gloucester, Mass. Visible registering device for cameras. 1,620,040; Mar. 8.
Schadel, William F., assignor to Kanawha Manufacturing Company, Charleston, W. Va. Vibratory screen. 1,620,575; Mar. 8.
Scheits, Jacob J. (See Gallus, J. M., and Scheits.)
Schellens, Eugene L., Pointe Claire, Quebec, Canada, and J. S. Coffin, jr., Lisbon, N. H., assignors to C-S Engineering Company. Spring support. 1,620,491; Mar. 8.
Schellens, Eugene L., Pointe Claire, Quebec, Canada, and J. S. Coffin, jr., Lisbon, N. H., assignors to C-S Engineering Company. Spring support. 1,620,492; Mar. 8.
Schenck, Charles, assignor to Bethlehem Steel Company, Bethlehem, Pa. Welded beam. 1,620,293; Mar. 8.
Schick, Jacob, Orange, assignor to M. R. Hutchison, West Orange, N. J. Pencil knife. 1,620,236; Mar. 8.
Schindler, Paul, Bayonne, N. J. Suction-operated circuit closer for motor vehicles. 1,620,493; Mar. 8.
Schley, Fred, Waukegan, Ill. Latching means for gates. 1,620,134; Mar. 8.
Schmelske, William F., Binghamton, N. Y. Flower holder. 1,619,888; Mar. 8.
Schmidt, Le Roy L., South Tacoma, Wash. Traffic signal. 1,620,576; Mar. 8.
Schnabel Company, The. (See Schnabel, Paul R., assignor.)
Schnabel, Paul R., Oakmont, assignor to The Schnabel Company, Pittsburgh, Pa. Vehicle body. 1,620,494; Mar. 8.
Schneider, John L., Charles City, Iowa. Oil holder. 1,620,294; Mar. 8.
Schoonmaker, Charles F. (See Jacobs, E. H., and Schoonmaker.)
Schramm, Walter J., Chicago, Ill. Ticket case. 1,620,295; Mar. 8.
Schroder, Herman, Capron, Okla. Steering device. 1,620,237; Mar. 8.
Schroeder, Carl A. (See Wakefield, F. W., Basil, and Schroeder.)
Schultz, John. (See Hnilo, F., and Schultz.)
Schuman, Isador, Kansas City, Mo., and B. E. Frank, Johnson County, Kans. Drier. 1,620,577; Mar. 8.
Scintilla Aktiengesellschaft. (See Billion, F., and Bohli, assignors.)
Scott, John L., Harriston, Miss. Car flange-wheel oiler. 1,620,578; Mar. 8.
Scott, Lewis L., St. Louis, Mo. Oil-burner boiler. 1,619,889; Mar. 8.
Scovill Manufacturing Company. (See King, G. A., Warner, and Tompkins, assignors.)
Searles, Linn W., et al. (See Gage, Charles H., assignor.)
Sederholm, John E., assignor to American Hoist & Derrick Company, St. Paul, Minn. Electric controller. 1,619,960; Mar. 8.
Sederholm, John E., assignor to American Hoist & Derrick Company, St. Paul, Minn. Electric heater. 1,620,296; Mar. 8.
Seekamp, Herman L., Gillespie, Ill. Mining-machine chain lubricator. 1,620,135; Mar. 8.
Sendelbach, Edward C., Philadelphia, Pa. Wood disk wheel. 1,620,398; Mar. 8.
Seng Company, The. (See Dyke, Darrell F., assignor.)
Seymour, Benjamin F., Washington, D. C. Combined resilient transmission and bearing. 1,620,136; Mar. 8.
Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 72,191; Mar. 8.
Mar. 8.
Shirley, Herman V., Long Beach, Calif. Chain. 1,620,613;
Shorrock, James L., Accrington, assignor to Entwisle & Kenyon Limited, Ewbank Works, Accrington, England. Carpet sweeper. 1,620,297; Mar. 8.
Singer Manufacturing Company, The. (See Corrall, H., and Heggie, assignors.)
Siemens & Halske Aktiengesellschaft. (See Flad, Arthur, assignor.)
Silberman, Clara, executrix. (See Silberman, Jacob.)
Silberman, Harry, New York, N. Y. Textile fabric or the like. Des. 72,192; Mar. 8.
Silberman, Jacob, deceased, New York, N. Y.; C. Silberman, executrix. Pintle for hinges. 1,619,890; Mar. 8.
Silent, Harold C., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Echo-suppressor relay. 1,619,891; Mar. 8.
Silver, James W., Orden, Utah. Endless-belt conveyer. 1,620,168; Mar. 8.
Simmchen, Wilhelm, assignor to the Firm: Ipag International Patent Exploiting Company, Ltd., Aussig a/E (Ustin/Lab.), Czechoslovakia. Harness motion for looms. 1,619,990; Mar. 8.
Simmons, Albert H., Oak Park, assignor to Edison Electric Appliance Company, Inc., Chicago, Ill. Electric urn. 1,620,495; Mar. 8.
Simms, Harold H., et al. (See Hammond, Robert O., assignor.)
Simon, Fred L., Baltimore, Md. Sheet piling. 1,620,137; Mar. 8.
Sloe, Joseph E., et al. (See Ginsburg, Marcus O., assignor.)
Small, Norman M., and L. Buehler, jr., assignors to Frick Company, Waynesboro, Pa. Can grid. 1,620,579; Mar. 8.
Smarr, Benjamin M., assignor to General Motors Corporation, Detroit, Mich. Header bracket for ignition cables 1,619,991; Mar. 8.
Smith, Alice M., et al., executrices. (See Smith, Christian N.)
Smith, Allen A., Great Notch, N. J. Temperature-controlled fluid-mixing device. 1,620,238; Mar. 8.
Smith, Charles E., et al. (See Williamson, Aubrey C., assignor.)
Smith, Charles W., Banner, Okla. Body lifter and carrier. 1,620,298; Mar. 8.
Smith, Christian N., deceased, Elgin, Ill.; A. M. and L. I. Smith, executrices, assignors of one-half to W. P. Topping, Elgin, Ill. Machine for bending metallic printing plates, such as stereotype and electrotype plates. 1,620,041; Mar. 8.
Smith, Christian N., deceased, Elgin, Ill.; A. M. and L. I. Smith, executrices, assignors of one-half to W. P. Topping, Elgin, Ill. Heating and bending metallic printing plates, such as stereotype and electrotype plates. 1,620,042; Mar. 8.
Smith, Elias A. C., assignor to Guggenheim Brothers, New York, N. Y. Metallurgy of tin. 1,620,580; Mar. 8.
Smith, F. H., Manufacturing Company. (See Sasseman, David C., assignor.)
Smith, Harry B., assignor to Lightship Cloth Board Corporation, Brooklyn, N. Y. Paper-ware manufacture. 1,620,239; Mar. 8.
Smith, Henry, Richmond, Va. Garment hanger. 1,619,992; Mar. 8.
Smith, James D., Overall, Tenn. Game. 1,620,399; Mar. 8.
Smith, Lily I., et al., executrices. (See Smith, Christian N.)
Smith, Marion R., Portland, Oreg. Toy dog. Des. 72,193; Mar. 8.
Smith, Mildred A., Albany, N. Y. Chemical heating pad. 1,620,581; Mar. 8.
Smith, Myrtle E., Glenwood, Wash. Cap. 1,620,400; Mar. 8.
Smith, Omar H. (See Jury, A. E., and Smith.)
Smith, Thomas L. (See Garey, Charles C., assignor.)

Smith, William C., Bristol, England. Clutch device. 1,619,892; Mar. 8.
Smock, Elizabeth M., Asheville, N. C. Automobile driver's heel protector. 1,620,401; Mar. 8.
Smolens, Abraham M., Brooklyn, N. Y. Figure wheeled toy. Des. 72,194; Mar. 8.
Smoot, Charles H., Maplewood, N. J. Flow regulator. 1,620,240; Mar. 8.
Societe Anonyme des Anciens Etablissements Hotchkiss & Cie. (See Sutter, Charles, assignor.)
Société Anonyme des Dispositifs d'Adhérence Guerrini. (See Guerrini, Luigi, assignor.)
Societe des Appareils Mephisto Jules Manfredi & Cie. (See Fontana, Paul F. M. A., assignor.)
Société Fraisse Freres et al. (See Navarre, Placide, assignor.)
Société P. Navarre et Fils et al. (See Navarre, Placide, assignor.)
Sokolowski, Peter, assignor of one-half to M. Strack, Girardville, Pa. Vegetable and fruit slicer. 1,620,138; Mar. 8.
Somac Traffic Signal Co. (See Soper, Harold H., assignor.)
Somersalo, George, Providence, R. I. Radio apparatus. 1,620,609; Mar. 8.
Sonora Phonograph Company. (See Wolff, Joseph, assignor.)
Soper, Harold H., Medford, assignor to Somac Traffic Signal Co., Boston, Mass. Direction indicator for automobiles. 1,620,402; Mar. 8.
Sorensen, Andrew J., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for transmitting coded currents. 1,620,169; Mar. 8.
Sorensen, Henry, San Francisco, Calif. Fireproof building. 1,620,139; Mar. 8.
Southcomb, Robert P., Baltimore, Md. Corrugated-wire articles. 1,620,403; Mar. 8.
Spieckermann, Karl, Dortmund, Germany. Iron contact rail with copper insert. 1,620,496; Mar. 8.
Splitdorf Electrical Company. (See Nowosielski, Edward B., assignor.)
Sprague, Alonzo B., Brooklyn, N. Y., assignor of two-thirds to Relief Society for the Aged. Bed and spring therefor. 1,620,404; Mar. 8.
Sprenger, George W., Lynn, Mass., assignor to General Electric Company. Telemetric system. 1,620,405; Mar. 8.
Stanley, Frederick C., Fairfield, assignor to The Raybestos Company, Bridgeport, Conn. Attaching non-metallic facings to working clutch members. 1,620,043; Mar. 8.
Starr, Perl L., Detroit, Mich. Lathe attachment. 1,619,832; Mar. 8.
Starr Piano Company. (See Mayer, Fred G., assignor.)
Stebbins, Albert H., Los Angeles, Calif. Air-volume dust reducer. 1,620,241; Mar. 8.
Stebbins, Albert H., Los Angeles, Calif. Concentrator-table fan. 1,620,242; Mar. 8.
Stebbins, Albert H., Los Angeles, Calif. Classifier deck. 1,620,243; Mar. 8.
Stegner, Cloyd E., Detroit, Mich. Device for sharpening straight and safety razor blades. 1,619,833; Mar. 8.
Stein, Louis H., Chicago, Ill. Measuring gauge. 1,619,834; Mar. 8.
Stephens, John R., et. al. (See Prator, Ernest P., assignor.)
Stephenson, Herman. (See Stephenson, Thomas E., assignor.)
Stephenson, Thomas E., Harrisburg, assignor of forty one-hundredths to H. Stephenson, Wyomissing, Pa. Pipe wrench. 1,620,170; Mar. 8.
Stewart-Warner Speedometer Corporation. (See Olsen, John K., assignor.)
Stimson, Annie W., Los Angeles, Calif. Morning gown. 1,620,140; Mar. 8.
Stock, Julius A., Cicero, assignor to W. C. Ritchie & Company, Chicago, Ill. Thumb-hole-cutting machine. 1,620,299; Mar. 8.
Stocker, William M., Woodhaven, assignor to Cameron Machine Company, Brooklyn, N. Y. Winding machine. 1,620,044; Mar. 8.
Stoer, Bruno P., Cleveland, Ohio. Holder for laundry marking pins. 1,619,893; Mar. 8.
Stoll, Herman, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich. Piston-ring groove. 1,619,993; Mar. 8.
Stone, Joseph, Bessemer, Ala. Mold-ramming machine. 1,620,406; Mar. 8.
Strack, Mat. (See Sokolowski, Peter, assignor.)
Strand, Joseph, assignor to Klinch Lath Corporation, Los Angeles, Calif. Wall-board-retaining member. 1,619,994; Mar. 8.
Streif, Harold R., St. Paul, Minn. Bottle rack. 1,620,407; Mar. 8.
Strid, Sven J., assignor to F. Mathews, Chicago, Ill. Drop shaft for hand brakes. 1,620,141; Mar. 8.
Stromberg-Carlson Telephone Manufacturing Company. (See Longworth, Arthur, assignor.)
Stuart, Frank T., Maplewood, N. J., assignor to The R. Neumann Hardware Co. Bag lock. 1,620,171; Mar. 8.
Stuber & Kuck Co. (See Abele, Theodore, assignor.)
Studebaker Corporation, The. (See Bourgon, Joseph H., assignor.)
Studebaker Corporation, The. (See Mose, Carl C., assignor.)
Summers, Bertrand S., Port Huron, Mich., assignor to The Locomotive Terminal Improvement Co., Chicago, Ill. Plating metal. 1,619,835; Mar. 8.
Susman, John G., Indianapolis, Ind. Art-glass joint. 1,620,300; Mar. 8.
Sutter, Charles, Suresnes, assignor to Societe Anonyme des Anciens Etablissements Hotchkiss & Cie., St Denis, France. Feed strip for firearms. 1,620,408; Mar. 8.
Swartz, Ira T., trustee. (See Swartz, Ira T., assignor.)
Swartz, Ira T., assignor, by mesne assignments, to I. T. Swartz, trustee, Indianapolis, Ind. Carburetor. 1,619,894; Mar. 8.
Sweet, John A. (See Halbach, H. L., and Sweet.)
Swift, Owen P., Halifax, England, assignor to Chadeloid Chemical Company, New York, N. Y. Paint and varnish remover. 1,620,409; Mar. 8.
Swope, Frederick E., jr., Philadelphia, Pa. Variable condenser. 1,620,244; Mar. 8.
Sykes, Howard M., Valparaiso, Ind. Automatic fishhook. 1,620,497; Mar. 8.
Sykora, Rudolf, Boston, Mass. Producing relative color design. 1,620,604; Mar. 8.
Symington Company, The. (See Symington, Thomas H., assignor.)
Symington, Thomas H., Baltimore, Md., assignor, by mesne assignments, to The Symington Company. Side frame and journal box thereof. 1,620,498; Mar. 8.
Tabulating Machine Company, The. (See Bryce, James W., assignor.)
Tansill, Charles M., White Hall, Md. Gas mixing gasket for internal-combustion engines. 1,620,410; Mar. 8.
Tarman, Benjamin F., Quincy, Pa. Shipping crate for animals. 1,619,895; Mar. 8.
Tasman, George, Brooklyn, N. Y. Joint. 1,619,836; Mar. 8.
Taurman, Alphonso, Birmingham, Ala, assignor to Metal & Thermit Corporation, Carteret, N. J. Rail-clamping apparatus. 1,620,172; Mar. 8.
Taylor, Jerome C., Huntington Beach, Calif. Oil-well-tubing drainer. 1,620,173; Mar. 8.
Temple, Elmer J., Pittsfield, Mass., assignor to General Electric Company. Transformer. 1,620,411; Mar. 8.
Templeton, Edwin G., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Tire machine. 1,620,499; Mar. 8.
Thide, Charles, Brooklyn, N. Y. Self-lubricating and internal-pressure spring. 1,620,301; Mar. 8.
Thomas, Frederick, Philadelphia, Pa. Steam trap. 1,619,989; Mar. 8.
Thompson, Albert F., assignor of one-half to A. T. Walraven, Dallas, Tex. Fire extinguisher. 1,620,142; Mar. 8.
Thrush, Homer A., Peru, Ind. Water relief valve. 1,620,582; Mar. 8.
Timm, Ellen V. (See Loftus, Thomas L., assignor.)
Tin Decorating Company, The. (See Hermani, Henry, assignor.)
Tin Decorating Company of Baltimore, The. (See Hermani, Henry, assignor.)
Tingley, Philo B., Glen Ridge, N. J. Cigarette holder. 1,620,302; Mar. 8.
Todd, William C., and J. W. Pomeroy, Victoria, B. C., Canada. Traveling lawn sprinkler. 1,620,583; Mar. 8.
Tompkins, Emerson H. (See King, G. A., Warner, and Tompkins.)
Topping, William P. (See Smith, Christian N., assignor.)
Torbert, William R., Kansas City, Mo. Awning. 1,620,045; Mar. 8.
Torbert, William R., Kansas City, Mo. Awning structure. 1,620,500; Mar. 8.
Tracy, Michael J., assignor to Pauly Jail Building Company, St. Louis, Mo. Combined niche seat and lavatory. Des. 72,195; Mar. 8.
Trent Process Corporation. (See Trent, Walter E., assignor.)
Trent, Walter E., Washington, D. C., assignor to Trent Process Corporation, New York, N. Y. Converting or cracking hydrocarbon oils. 1,619,896; Mar. 8.
Trimble, Edwin S., Atchison, Kans. Collapsible chicken coop. 1,620,143; Mar. 8.
Trimble, Frank H., Lankershim, Calif. Lighting-fixture wall plate. Des. 72,196; Mar. 8.
Trinity Wheel Corporation. (See Baker, Frederick W., assignor.)
Trinks, William W., assignor to Pulilean Manufacturing Corporation, Bridgeport, Conn. Laundering machine. 1,620,144; Mar. 8.
Turner, Albert W., Hamburg, Germany. Device for closing the air bladders of sport balls of any kind. 1,620,245; Mar. 8.
Turner, Albert, and A. P. Burns, assignors to The Heald Machine Company, Worcester, Mass. Spindle mounting. 1,619,995; Mar. 8.
Turner, Channing, Geneva, assignor to United States Wind Engine & Pump Company, Batavia, Ill. Windmill. 1,620,145; Mar. 8.
Tweeddale, John, Torrance, Calif. Liner for oil wells. 1,620,412; Mar. 8.
Uhlmann, Otto E., Grand Rapids, Mich. Signal light for automobiles. Des. 72,185; Mar. 8.
Uhrig, William H., St. Louis, Mo. Preparing feathers for bedding and the like. 1,620,303; Mar. 8.

Underwood, Ernest E., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic-camera construction. 1,620,304; Mar. 8.
Union Switch & Signal Company, The. (See Geiger, Paul H., assignor.)
Union Switch & Signal Company, The. (See Gilson, Robert M., assignor.)
Union Switch & Signal Company, The. (See Grondahl, Lars O., assignor.)
Union Switch & Signal Company, The. (See Sorensen, Andrew J., assignor.)
United Iron Works, Inc. (See Brown, Walter E., assignor.)
United Shoe Machinery Corporation. (See Ballard, Milton H., assignor.)
United Shoe Machinery Corporation. (See Goddu, G., and Mackenzie, assignors.)
United Shoe Machinery Corporation. (See Hamilton, Harry D., assignor.)
United Shoe Machinery Corporation. (See Julian, Gideon, assignor.)
United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
United States Automatic Fire Alarm Company, The. (See Johnson, John M., assignor.)
United States Gauge Company. (See McClelland, Bert, assignor.)
United States Glass Company. (See Loomis, Virgil V., assignor.)
United States Gypsum Company. (See Brookby, H. E., and King, assignors.)
United States Playing Card Company, The. (See Fournier, Oscar, assignor.)
United States Screw & Stamping Co. (See Royal, Ellery E., assignor.)
United States Wind Engine & Pump Company. (See Turner, Channing, assignor.)
Universal Electric Welding Company. (See Lachman, Maurice and L., assignors.)
Universal Oil Products Company. (See Egloff, Gustav, assignor.)
Universal Oil Products Company. (See Egloff, G., and Benner, assignors.)
Universal Oil Products Company. (See Halle, Hiram J., assignor.)
Universal Oil Products Company. (See Huff, Lyman C., assignor.)
Urwin, Norman W., Annfield Plain, England. Protector for boots and shoes. 1,620,413; Mar. 8.
Utterbaugh, Walter H., Washington, D. C. Locomotive driving box. 1,620,584; Mar. 8.
Valley Mould & Iron Corporation. (See Perry, John E., assignor.)
Vanderlip, Louis C., Elkhart, Ind. Hood latch. 1,620,414; Mar. 8.
Van Diest, William, Minneapolis, Minn. Display plaque and making. 1,620,046; Mar. 8.
Van Emon, Burton C., San Francisco, assignor to J. M. Koford, trustee, Oakland, Calif. Elevator. 1,620,305; Mar. 8.
Van Orman, Wart T., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Leakproof-tank cover. 1,620,415; Mar. 8.
Vapor Car Heating Company. (See Gillick, Lawrence H., assignor.)
Vapor Car Heating Company, Inc. (See Parks, P. B., and Van Vulpen, assignors.)
Van Valkenburg, Hermon L., assignor to Industrial Controller Company, Milwaukee, Wis. Sectional cabinet for electrical apparatus. 1,620,047; Mar. 8.
Van Vulpen, John. (See Parks, P. B., and Van Vulpen.)
Variety Fire Door Company. (See Gervais, Wainwright B., assignor.)
Vaughn, James R., et al. (See Bilbrey, George L., assignor.)
Veigel, Louis A., jr., Newark, N. J. Chain link. 1,620,048; Mar. 8.
Venus Brassiere Co. (See Lipman, Adolph, assignor.)
Vernam, Gilbert S., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Printing-telegraph-exchange system. 1,619,897; Mar. 8.
Vetter, Ignatius J., New York, N. Y., assignor to Bigelow Hartford Carpet Company. Carpet. Des. 72,198; Mar. 8.
Victory Sparkler & Specialty Co. (See Kohn, Koby, assignor.)
Villaret, Gustave E., Leonia, N. J., assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Chandelier or article of similar nature. Des. 72,197; Mar. 8.
Vogel, Reinhold, South Wilton, Conn. Concrete-reenforcing-rod chair. 1,620,501; Mar. 8.
Wagner, Joshua, Brooklyn, N. Y. Carton. 1,620,174; Mar. 8.
Wakefield, Frederick W., G. L. Basil, and C. A. Schroeder, assignors to The F. W. Wakefield Brass Company, Vermilion, Ohio. Lighting fixture. 1,620,306; Mar. 8.
Wakefield, F. W., Brass Company, The. (See Wakefield, F. W., Basil, and Schroeder, assignors.)
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Reversing motion for loom let-offs. 1,620,175; Mar. 8.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Dobby finger for looms. 1,620,176; Mar. 8.
Walint, Markus, Endicott, N. Y. Refrigerator. 1,620,177; Mar. 8.
Walraven, Albert T. (See Thompson, Albert F., assignor.)
Walsh, Patrick H., Newton, assignor to Caro Cloth Corporation, Boston, Mass. Method and apparatus for making composite fabric. 1,620,307; Mar. 8.
Walter, Maurice, New York, N. Y. Differential gearing. 1,620,246; Mar. 8.
Walther, Frederick, Omaha, Nebr. Crate. 1,620,585; Mar. 8.
Walton, Thomas A., Scranton, Pa. Swimming-instructing machine. 1,620,146; Mar. 8.
Ward, Edward B. (See Ridley, Grahame B., assignor.)
Ward, Leonora H., Weatherford, Okla. Blackboard-eraser cleaner. 1,619,899; Mar. 8.
Warner, Frank E. (See King, G. A., Warner, and Tompkins.)
Warr, Harold G., Park Ridge, assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,619,902; Mar. 8.
Warren, Richard, Washington, D. C. Display rack. 1,619,900; Mar. 8.
Warsen, August W. (See Christensen, A., and Warsen.)
Warwick, Eleanor O. and R. M., Eastlake, Fla. Dispensing device. 1,620,178; Mar. 8.
Warwick, Rogers M. (See Warwick, Eleanor O. and R. M.)
Washburne, William H., assignor to The Oliver Typewriter Company, Chicago, Ill. Making two-piece valves. 1,619,901; Mar. 8.
Waskewicz, Waclaw, Ludlow, Vt. Rail joint. 1,620,502; Mar. 8.
Waterman, L. E., Company. (See Ferris, William I., assignor.)
Waters, Victor J., assignor of one-third to H. S. Mercer, Shidler, Okla. Valved piston. 1,620,416; Mar. 8.
Watt, Washington, jr., Memphis, Tenn. Case. 1,620,417; Mar. 8.
Watters, Daniel M., assignor to Killefer Manufacturing Company, Los Angeles, Calif. Road tool. 1,620,247; Mar. 8.
Watts, Elmer A., assignor to The Miller Improved Gas Engine Company, Springfield, Ohio. Cylinder construction for gas engines. 1,619,903; Mar. 8.
Web Engineering Company, The. (See Baker, William E.)
Webster Electric Company. (See Hawkins, William W., assignor.)
Weech, Joseph, Galesburg, Ill. Signaling apparatus for automobiles. 1,620,049; Mar. 8.
Weech, Joseph, Galesburg, Ill. Signaling device. 1,620,147; Mar. 8.
Weiss, Rudolph. (See Marx, Carl, assignor.)
Welspiel, Letitia. (See Arnett, F., and Welspiel.)
Welter, Georg. (See Czochralski, J., and Welter.)
Wennadt, Arnold, Lowden, Iowa. Truck for disk cultivators. 1,619,904; Mar. 8.
Wenz, Jonathan, J. Alvera, and G. Brunhübner, Pforzheim, Germany. Soldering art. 1,619,837; Mar. 8.
Westbury, William, Canastota, and P. W. Collins, Elmira, N. Y. Manufacture of glass articles. 1,620,308; Mar. 8.
Western Electric Company, Incorporated, et al. (See Dunham, B. G., and Haines, assignors.)
Western Electric Company. (See Heising, Raymond A., assignor.)
Western Electric Company. (See Potts, Louis M., assignor.)
Western Felt Works. (See Faurot, Henry, assignor.)
Western Railway Equipment Company. (See Pietzsch, Frank H., assignor.)
Western Union Telegraph Company. (See Curtin, Leo P., assignor.)
Westinghouse Lamp Company. (See Gibson, Arthur A., assignor.)
Westinghouse Lamp Company. (See Powell, Arthur L., assignor.)
Werner, Joseph, Perth Amboy, N. J. Flush box. 1,620,503; Mar. 8.
Wetzel, John W., Allentown, Pa. Fire escape. 1,620,309; Mar. 8.
Whelan, Michael J., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling pin. 1,620,310; Mar. 8.
Whisler, Joseph C., and C. R. McElwee, Peru, Ind. Adjustable bulkhead. 1,619,905; Mar. 8.
Whitacre, Clarence J., Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich. Closure. 1,619,906; Mar. 8.
White, Alvin C., Austin, Minn. Base-attached plotting instrument. 1,620,311; Mar. 8.
White, Edward A., Lewiston, Idaho. Motion storage and conveying apparatus. 1,619,906; Mar. 8.
White, Edward A., Lewiston, Idaho. Transport stand. 1,619,907; Mar. 8.
White, Joseph, Columbus, Ohio. Rail-handling device. 1,619,908; Mar. 8.
White, John W., assignor to General Motors Corporation, Detroit, Mich. Manufacture of gears. 1,619,907; Mar. 8.
White Motor Company, The. (See Dingham, Thomas C., assignor.)
White, Robert, assignor to J. L. Hill, Rochester, N. Y. Machine for making lubricating means for vehicle springs. 1,619,838; Mar. 8.

White, Roy M., Riverside, Calif. Dentist's furnace. 1,620,179; Mar. 8.
Whitehead, Thomas C. (See Rainsford, Thomas F., assignor.)
Whitelegg, Robert H., Manchester, England. Steam locomotive. 1,620,586; Mar. 8.
Wiarda, Jerry R., Coopersville, Mich. Washbench. 1,620,418; Mar. 8.
Widmann, Oscar O., Brooklyn, N. Y. Loud speaker. Des. 72,199; Mar. 8.
Widmann, Oscar O., Brooklyn, N. Y. Loud speaker. Des. 72,200; Mar. 8.
Wigglesworth, Harry H. (See Morshead, H., and Wigglesworth.)
Wilcox, Frank S., Union, S. C. Mercerizing machine. 1,620,419; Mar. 8.
Wild, Charles H., Baltimore, Md., assignor to Burt Machine Company, Incorporated. Case-filling machine. 1,619,839; Mar. 8.
Wild, Charles H., assignor to Burt Machine Company, Incorporated, Baltimore, Md. Can-labeling machine. 1,619,840; Mar. 8.
Wilkinson, Walter, Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of the contituents of ternary gaseous mixtures. 1,619,909; Mar. 8.
Williams, Leo L., Portland, Oreg. Display stand. 1,620,148; Mar. 8.
Williamson, Aubrey C., assignor of 36 per cent to C. E. Smith and 24 per cent to J. K. Bagley, New Orleans, La. Plaster composition. 1,620,587; Mar. 8.
Wilson, John M., San Diego, Calif. Tobacco pipe. 1,620,420; Mar. 8.
Wilson, Ray O., Los Angeles, Calif. Adjustable golf club. 1,620,588; Mar. 8.
Wilson, William, New York, N. Y. Life preserver. 1,620,421; Mar. 8.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of heels for boots and shoes. 1,620,149; Mar. 8.
Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Regulating apparatus. 1,620,504; Mar. 8.
Wired Radio, Inc. (See Crossley, Alfred, assignor.)
Witherow, Harry M., Lynn, Mass., assignor to General Electric Company. Induction meter. 1,620,505; Mar. 8.
Withrow, Floyd G., Grand Rapids, Mich. Spring oiler. 1,620,150; Mar. 8.
Witwer, Charles S., Yonkers, N. Y. Hose clamp. 1,619,841; Mar. 8.
Wolf, Elmer E. (See Osgood, L. A., and Wolf.)
Wolfe, Noble A. (See Jones, B. W., and Wolfe.)
Wolff, Joseph, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc. Radiocabinet. Des. 72,201; Mar. 8.
Wolhaupter, Benjamin, New Rochelle, assignor to The Rail Joint Company, New York, N. Y. Preparing rolls for rolled stop-joint bars. 1,620,422; Mar. 8.
Wood, Donald L. (See Frederick, C. W., and Wood.)
Wood, Franz J., Des Moines, Iowa. Mechanism for controlling and operating molding machines. 1,620,050; Mar. 8.
Woodard, William E., Forest Hills, N. Y. Locomotive-rear-end support. 1,620,423; Mar. 8.
Woodcock, Andrew J., Wilmette, Ill. Fuel-oil burner. 1,619,910; Mar. 8.
Woodcock, Andrew J., Wilmette, Ill. Fuel-oil burner. 1,619,998; Mar. 8.
Worthington Pump and Machinery Corporation. (See Lucke, Charles E., assignor.)
Wright, Dallas V., Fort Dodge, Iowa. Bottle dispensing and refrigerating apparatus. 1,619,999; Mar. 8.
Wright, J. E., sr. (See McElwain, James, assignor.)
Wright, John W., Olympia, Wash. Grate construction. 1,619,842; Mar. 8.
Young, Charles O., Elmhurst, N. Y., and C. J. Herrly, Pittsburgh, Pa., assignors to Carbide and Carbon Chemicals Corporation. Process and apparatus for conducting chemical reactions. 1,620,180; Mar. 8.
Zeman, Anton, assignor to J. Saltzman, Chicago, Ill. Pressing machine. 1,620,248; Mar. 8.
Zimmerman, Harry C., Washington, D. C. Training mechanism for gun carriages. 1,619,843; Mar. 8.
Zito, Joseph, Utica, N. Y. Locking device. 1,620,051; Mar. 8.
Zotoli, Anthony M., Quincy, Mass. Paving block. 1,619,844; Mar. 8.
Zucker, Benjamin, New York, N. Y. Chock brake. 1,619,845; Mar. 8.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 8TH DAY OF MARCH, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Accessory container for railway use. F. P. Miller. 1,620,376; Mar. 8.
Acid, Evolution of hydrocyanic. H. Lehrecke. 1,620,365; Mar. 8.
Adding machines, Check-endorsing attachment for. R. H. Gladwill and G. M. Ramsey. 1,620,542; Mar. 8.
Advertising apparatus. K. G. Östberg. 1,619,987; Mar. 8.
Advertising device. H. S. Sackett. 1,620,396; Mar. 8.
Aeroplane. F. McElhaney. 1,620,368; Mar. 8.
Agitating, washing, liming, or tanning solutions. B. R. Baxter. 1,620,317; Mar. 8.
Air bag. R. S. Burdette. 1,620,435; Mar. 8.
Air brake, One-lined. F. Kasantzeff. 1,619,979; Mar. 8.
Air lifts, Automatic control for. C. C. Jacobson. 1,620,210; Mar. 8.
Airship. L. Dürr. 1,620,449; Mar. 8.
Airships, Controlling device for ballast containers in. E. Hilligardt. 1,620,462; Mar. 8.
Airships, Hull construction of rigid. K. Arnstein. 1,620,507; Mar. 8.
Airships, Propelling, lifting, and steering device for. A. Chiarelli. 1,620,618; Mar. 8.
Air-volume dust reducer. A. H. Stebbins. 1,620,241; Mar. 8.
Aldehyde derivatives of reaction products of aldehydes and amines and making same, Higher. C. O. North. 1,619,953; Mar. 8.
Alloy or lithium and aluminum. J. Czochralski and G. Welter. 1,620,081; Mar. 8.
Aluminum alloy containing lithium. J. Czochralski. 1,620,082; Mar. 8.
Amplifier, Sound. L. D. Morris. Des. 72,181; Mar. 8.
Amusement and educational purposes, Changeable assembly set for. E. S. Savage. 1,620,574; Mar. 8.
Amusement and protective device. K. Kohn. 1,620,561; Mar. 8.
Amusement apparatus. H. N. Ridgway. 1,619,988; Mar. 8.
Amusement device. G. Melling. 1,620,375; Mar. 8.
Amusement ride. H. F. Maynes. Re16,569; Mar. 8.
Anchor, Rail. H. G. Warr. 1,619,902; Mar. 8.
Antirattling device. S. Baruch. 1,619,913; Mar. 8.
Apron. M. Baxter. 1,620,426; Mar. 8.
Aquarium. L. H. Burlin. 1,620,006; Mar. 8.
Arc converter, High frequency. R. R. Beal and H. F. Elliott. 1,620,318; Mar. 8.
Arc-welding system. H. D. Morton. 1,620,219; Mar. 8.
Automatic switch. J. D. Collins. 1,620,443; Mar. 8.
Automatic switch. C. L. Melhinch. 1,619,877; Mar. 8.
Automobile bed. O. C. Harper. 1,620,346; Mar. 8.
Automobile body. F. Bunevac. 1,619,918; Mar. 8.
Automobile bumper. M. Jublonsky. 1,620,357; Mar. 8.
Automobile cushions, Retainer for. W. Brewster. 1,619,916; Mar. 8.
Automobile inclosure. G. E. Bishop. 1,620,003; Mar. 8.
Automobile jack. G. P. Lee. 1,619,942; Mar. 8.
Automobile ladder. G. Millward. 1,620,377; Mar. 8.
Automobiles, Combined side wing and sun and rain shield for. S. Nakagawa. 1,619,879; Mar. 8.
Automobiles, Signal light for. O. E. Uhlmann. Des 72,185; Mar. 8.
Automobiles, Signaling apparatus for. J. Weech. 1,620,049; Mar. 8.
Awning. W. R. Torbert. 1,620,045; Mar. 8.
Awning structure. W. R. Torbert. 1,620,500; Mar. 8.
Axle housings, Making. A. L. Lambert. 1,620,616; Mar. 8.
Baby carriage, Collapsible. W. R. Oyston. 1,620,281; Mar. 8.
Bag: *See*—
  Air bag.
Bag lock. F. T. Stuart. 1,620,171; Mar. 8.
Bait trap and carrier, Fisherman's. L. Marsh and O. J. Dufresne. 1,620,617; Mar. 8.
Ball: *See*—
  Signal ball.
Balls of any kind, Device for closing the air bladders of sport. A. W. Turner. 1,620,245; Mar. 8.
Bank protector. J. C. Lucas. 1,619,982; Mar. 8.
Base-attached plotting instrument. A. C. White. 1,620,311; Mar. 8.
Bed and spring therefor. A. B. Sprague. 1,620,404; Mar. 8.
Bed davenport. D. F. Dyke. 1,620,086; Mar. 8.
Bedding and the like, Preparing feathers for. W. H. Uhrig. 1,620,303; Mar. 8.
Bedding clamp, Adjustable. F. M. Correa. 1,619,853; Mar. 8.
Bedstead. M. Antrobus. Des. 72,127; Mar. 8.
Belt conveyers, Control system for endless. C. R. Fisher. 1,620,532; Mar. 8.
Belt conveyers, Endless. J. W. Silver. 1,620,168; Mar. 8.
Belt shifter. D. C. Klausmeyer. 1,620,214; Mar. 8.
Bending and buckle-attaching machine, Band-. M. P. Lawton. 1,619,873; Mar. 8.
Binder, Loose-leaf. H. B. Jennings, jr. 1,620,103–5; Mar. 8.
Binders, Tripping mechanism for. L. K. O. Bakke. 1,620,055; Mar. 8.
Birdcage. A. M. Kroczek. 1,620,361; Mar. 8.
Birdcage. O. Lindemann. Des. 72,159; Mar. 8.
Block: *See*—
  Paving block.
Boat. W. A. Hickman. 1,620,349; Mar. 8.
Body lifter and carrier. C. W. Smith. 1,620,298; Mar. 8.
Boiler: *See*—
  Oil-burner boiler.
Boilers, Control for sub-vacuous condition of periodically-fired. V. T. Brigham. 1,620,005; Mar. 8.
Bolt or rod straightening machine. D. P. Kellogg. 1,620,260; Mar. 8.
Book end. P. M. Griffith. Des. 72,149; Mar. 8.
Boots and shoes, Protector for. N. W. Urwin. 1,620,413; Mar. 8.
Boring machine, Adjustable. N. Maddox. 1,620,371; Mar. 8.
Bottle rack. H. R. Streif. 1,620,407; Mar. 8.
Bowling pin. M. J. Whelan. 1,620,310; Mar. 8.
Box: *See*—
  Driving box. Mail box.
  Flush box. Shipping box.
  Locomotive driving box.
Box body and cover assembling apparatus, Automatic. J. M. Hothersall. 1,620,025; Mar. 8.
Boxes, Apparatus for molding battery. T. R. Palmer. 1,620,388; Mar. 8.
Boxing apparatus. E. E. Foster. 1,620,598; Mar. 8.
Brake: *See*—
  Air brake. Roller brake.
  Chock brake. Vehicle brake.
Brake-equalizing mechanism. Barrett, P. D. 1,619,912; Mar. 8.
Brake mechanism. V. Bendix. 1,619,806; Mar. 8.
Brake mechanism, Hydraulic. F. J. MacKenzie. 1,620,115; Mar. 8.
Brake mechanism, Railway-. J. S. Ball. 1,620,508; Mar. 8.
Brake shoe. W. L. Krieg. 1,620,030; Mar. 8.
Brakes, Bleeder attachment for. L. W. Heffelfinger and L. J. Courtney. 1,619,821; Mar. 8.
Brakes, Drop shaft for hand. S. J. Strid. 1,620,141; Mar. 8.
Brakes, Equalizer for four-wheel. F. L. Nelson and J. A. Harmon. 1,620,221; Mar. 8.
Bridge-score recorder. C. A. Cooke. 1,620,077; Mar. 8.
Brush, Wire-base. E. Curtis. 1,620,008; Mar. 8.
Buckle. L. Lehr. 1,620,216; Mar. 8.
Buckle, Belt. R. F. Eichner. Des. 72,146; Mar. 8.
Buckle, Belt. J. Knistrom. 1,620,157; Mar. 8.
Buckle, Belt. L. W. Shields. Des. 72,101; Mar. 8.
Building materials, Composition of matter adapted to be used for. H. B. Abbott. 1,620,312; Mar. 8.
Bulkhead, Adjustable. J. G. Whisler and C. R. McElwee. 1,619,905; Mar. 8.
Bumper, Multibar. R. B. Fageol. 1,620,334; Mar. 8.
Bumper, Safety. A. Johnson. 1,620,106; Mar. 8.
Burner: *See*—
  Gas burner. Vapor burner.
  Oil burner.
Bust supporter. L. Farkas. 1,620,335; Mar. 8.
Cabinet for electrical apparatus, Sectional. H. L. Van Valkenburg. 1,620,047; Mar. 8.
Cables, Header bracket for ignition. B. M. Smarr. 1,619,991; Mar. 8.
Cake support. J. M. Gowans. 1,619,818; Mar. 8.
Cam device. W. M. Densmore. 1,620,445; Mar. 8.
Camera construction, Photographic-. E. E. Underwood. 1,620,304; Mar. 8.
Cameras, Visible registering device for. B. Schade. 1,620,040; Mar. 8.
Can: *See*—
  Pressure oil can.

Can grid. N. M. Small and L. Buehler, jr. 1,620,579; Mar. 8.
Can washer. D. A. Maanum. 1,620,116; Mar. 8.
Candlestick. O. B. Bach. Des. 72,133–4; Mar. 8.
Cap. M. E. Smith. 1,620,400; Mar. 8.
Car coupler. C. H. Gage. 1,620,535; Mar. 8.
Car coupling. L. W. Higgins. 1,620,350; Mar. 8.
Car-door controls, Dump-. W. J. Hoscelt. 1,620,023; Mar. 8.
Car-flange-wheel oiler. J. L. Scott. 1,620,578; Mar. 8
Car, Freight. E. T. Cunningham. 1,619,920; Mar. 8.
Car, Tank. E. A. Fall. 1,620,453; Mar. 8.
Carburetor. R. S. Cunningham. 1,620,080; Mar. 8.
Carburetor. I. T. Swartz. 1,619,894; Mar. 8.
Carcass splitting machine. A. H. Paxton. 1,620,035; Mar. 8.
Card holder. M. Meyerson. 1,619,827; Mar. 8.
Card record, Visible. H. Hald. 1,620,547; Mar. 8.
Carpet. I. J. Vetter. Des. 72,198; Mar. 8.
Carpet fasteners, Mechanism for setting. G. A. King, F. E. Warner, and E. H. Tompkins. 1,620,468; Mar. 8.
Carrier: *See*—
  Luggage carrier.
Carton. J. Wagner. 1,620,174; Mar. 8.
Carton, Display. B. Evans. 1,620,197; Mar. 8.
Cartridges, Primer for. O. C. Horney. 1,619,867; Mar. 8.
Case: *See*—
  Ticket case. Vanity case.
Case. W. Watt, jr. 1,620,417; Mar. 8.
Case-filling machine. C. H. Wild. 1,619,830; Mar. 8.
Casket. E. J. Greive. 1,620,544; Mar. 8.
Cattle guard. P. Herndon. 1,620,348; Mar. 8.
Centrifugal machine. C. T. Ordway. 1,620,568; Mar. 8.
Ceramic and other products, Firing. C. T. Holcroft and C. E. Doll. 1,620,022; Mar. 8.
Chain. H. V. Shirley. 1,620,613; Mar. 8.
Chain link. L. A. Veigel. 1,620,048; Mar. 8.
Chair: *See*—
  Rod chair.
Chair. O. B. Bach. Des. 72,137; Mar. 8.
Chandelier or article of similar nature. G. E. Villaret. Des. 72,197; Mar. 8.
Chemical reactions, Process and apparatus for conducting. C. O. Young and C. J. Herrly. 1,620,180; Mar. 8.
Chicken coop, Collapsible. E. S. Trimble. 1,620,143; Mar. 8.
Chock brake. B. Zucker. 1,619,845; Mar. 8.
Cigar lighter. O. C. Dennis. 1,620,327; Mar. 8.
Cigarette holder. P. B. Tingley. 1,620,302; Mar. 8.
Circuit closer, Thermal. F. Bosshart. 1,620,062; Mar. 8.
Clamp: *See*—
  Bedding clamp. Knife glue clamp.
  Hose clamp.
Clamp. S. R. Kirkhoff. 1,620,469; Mar. 8.
Clamping apparatus, Rail-. A. Taurman. 1,620,172; Mar. 8.
Classifier deck. A. H. Stebbins. 1,620,243; Mar. 8.
Cleaner: *See*—
  Eraser cleaner. Windshield cleaner.
  Lawn cleaner.
Clevis. D. Palmer. 1,620,387; Mar. 8.
Clock, Reminder. C. R. Gains. 1,620,455; Mar. 8.
Clockwork mechanism. E. E. Lehwess. 1,619,943; Mar. 8.
Closet: *See*—
  Water-closet.
Closure. L. E. Baltzley. 1,620,316; Mar. 8.
Closure. C. J. Whitacre. 1,619,996; Mar. 8.
Closure and operating same, Folding. W. B. Gervais. 1,619,816; Mar. 8.
Cloth bridge-table cover or the like, Embroidered. S. N. Malhouk. Des. 72,106; Mar. 8.
Clothes rack. J. B. Felicety. 1,620,199; Mar. 8.
Clutch. P. G. Leonard. Re16,568; Mar. 8.
Clutch. H. V. Reed. 1,619,884; Mar. 8.
Clutch device. W. C. Smith. 1,619,892; Mar. 8.
Clutch, Ribbon-spool. S. A. Neldich. 1,620,279; Mar. 8.
Cock, Blow-off. O. Huff. 1,620,464; Mar. 8.
Coffeepot. M. Bontempi. 1,619,967; Mar. 8.
Collar-stretching machine. M. L. Kaplan and M. Brandish. 1,619,939; Mar. 8.
Color design, Producing relative. R. Sykora. 1,620,604; Mar. 8.
Combing machine. J. J. G. G. Corman. 1,620,325; Mar. 8.
Commutator motor, Alternating-current. P. Rohde. 1,620,395; Mar. 8.
Composition articles, Making. W. J. Gaven. 1,620,538; Mar. 8.
Concrete mixer. H. Powers. 1,620,287; Mar. 8.
Concrete or cementitious structure, Molding. C. Brynoldt. 1,620,514; Mar. 8.
Concrete structures, Form tie for. J. B. Hawley, jr. 1,619,933; Mar. 8.
Condenser, Variable. C. Hardy. 1,620,020; Mar. 8.
Condenser, Variable. F. E. Swope, jr. 1,620,244; Mar. 8.
Container, Cooling-medium. C. W. Hack. 1,619,864; Mar. 8.
Containers, Method and apparatus for repairing fluid. E. C. Furman. 1,610,154; Mar. 8.
Control mechanism. J. E. Renholdt. 1,620,230; Mar. 8.
Control method and apparatus. T. Appleby. 1,619,911; Mar. 8.
Conveyer. E. M. McVicker. 1,620,268; Mar. 8.
Cooking device, Electric. B. Mayer. 1,620,602; Mar. 8.
Copper-lime dust. G. E. Sanders. 1,620,490; Mar. 8.
Corset. A. Lipman. 1,619,874; Mar. 8.
Corset, Maternity. A. H. Lockwood. 1,620,264; Mar. 8.
Cot for automobiles. W. C. Brye. 1,620,433; Mar. 8.
Coupling: *See*—
  Car coupling. Flexible coupling.
Crate. F. Walther. 1,620,585; Mar. 8.
Crate for animals, Shipping. B. F. Tarman. 1,619,895; Mar. 8.
Cream-removing apparatus. G. Haberman. 1,619,973; Mar. 8.
Crossing gate, Railway and highway. J. M. Jones. 1,620,026; Mar. 8.
Crossing signal. J. B. Gebbard and H. Althaus. 1,620,600; Mar. 8.
Crossings, Stop signal for. G. L. Estes. 1,620,087; Mar. 8.
Crusher: *See*—
  Stone crusher.
Cue-tip fastener. H. J. Grenier. 1,620,545; Mar. 8.
Cuff, Reenforced shirt. G. I. Bennett. 1,620,319; Mar. 8.
Cultivator. R. H. Griffith. 1,619,862; Mar. 8.
Cultivator for eliminating quack grass. L. Leonard and R. J. Beise. 1,620,510; Mar. 8.
Cultivators, Truck for disk. A. Wenndt. 1,619,904; Mar. 8.
Culverts, Head-wall structure for. A. F. Fischer. 1,620,089; Mar. 8.
Cup: *See*—
  Lubricant cup.
Current cut-out device for polyphase circuits, Automatic alternating-. M. N. Mikulic. 1,620,483; Mar. 8.
Curtain. M. Leslie. 1,619,945; Mar. 8.
Cutter: *See*—
  Thread and cord cutter.
Cutter. R. Curtner. 1,620,153; Mar. 8.
Cutting board and guide. M. L. Kaplan. 1,619,940; Mar. 8.
Cut-off. C. R. Renehan. 1,619,956; Mar. 8.
Cycle and like saddles, Manufacture of. H. and J. Jelley. 1,620,554; Mar. 8.
Dandelion digger and puller. H. G. Davis. 1,619,856; Mar. 8.
Decalcomania transfer sheet. J. O. Hartz. Des. 72,152; Mar. 8.
Dental canals by suction, Arrangement for removing secretions from. R. Fust. 1,620,599; Mar. 8.
Dentist's furnace. R. M. White. 1,620,179; Mar. 8.
Depilator. H. Gernsback. 1,620,539; Mar. 8.
Desiccator. G. B. Ridley. 1,620,289; Mar. 8.
Desk set. M. Finstone. Des. 72,147; Mar. 8.
Diagnostic apparatus. D. M. Ryan. 1,619,886; Mar. 8.
Dipper tooth, Reversible-point. C. A. Pallander. 1,620,132; Mar. 8.
Disinfectant composition. G. G. Gordon. 1,619,861; Mar. 8.
Disk wheel, Wood. E. C. Sendelbach. 1,620,398; Mar. 8.
Dispenser. C. T. Newton. 1,620,280; Mar. 8.
Dispensing and refrigerating apparatus, Bottle. D. V. Wright. 1,619,999; Mar. 8.
Dispensing device. E. O. and R. M. Warwick. 1,620,178; Mar. 8.
Displacement-responsive device. E. E. Johnson. 1,620,465; Mar. 8.
Display containers, Duplex closure for. H. Hermani. 1,620,156; Mar. 8.
Display device. F. G. Fullgraff. 1,620,533; Mar. 8.
Display plaque and method of making. W. Van Diest. 1,620,046; Mar. 8.
Display rack. T. J. Abele. 1,620,313; Mar. 8.
Display rack. R. Warren. 1,619,900; Mar. 8.
Display stand. L. L. Williams. 1,620,148; Mar. 8.
Distilling apparatus. W. E. Brown. 1,620,593; Mar. 8.
Distribution system. E. F. W. Alexanderson. 1,620,506; Mar. 8.
Door-closing means, Check for garage-. M. Kirnbauer. 1,620,109; Mar. 8.
Door, Metal. E. H. Ellison and A. W. Beckstrom. 1,620,451; Mar. 8.
Doors, Operating mechanism for shaft. F. A. Boedtcher. 1,620,430; Mar. 8.
Dough molder. W. G. Kirchhoff. 1,620,559; Mar. 8.
Dredging machine. V. F. Casey. 1,619,850; Mar. 8.
Drier. I. Schuman and B. E. Frank. 1,620,577; Mar. 8.
Drill: *See*—
  Seed drill.
Drill chuck. G. W. Cary. 1,620,440; Mar. 8.
Drinking glass. R. I. Ratner. Des. 72,188; Mar. 8.
Drying machine. H. Morshead and H. H. Wigglesworth. 1,620,120; Mar. 8.
Dump-door mechanism. D. Hindahl. 1,620,097; Mar. 8.
Elastic strapping. H. J. Martin. 1,620,162; Mar. 8.
Electric controller. J. E. Sederholm. 1,619,960; Mar. 8.
Electric droplight fixture. R. S. Aspinwall. Des. 72,130–1; Mar. 8.
Electric heater. J. E. Sederholm. 1,620,296; Mar. 8.
Electric machine with split poles. H. Papst. 1,620,608; Mar. 8.
Electric measuring instrument. L. A. Paine. 1,620,126; Mar. 8.
Electric transmission system. E. H. Jacobs and C. F. Scheonmaker. 1,620,552; Mar. 8.

Electrical abrasion process. M. S. Clawson. 1,620,519; Mar. 8.
Electrical heater. C. C. Garey. 1,620,537; Mar. 8.
Electrical heating appliance. A. Pfau, jr. Des. 72,186; Mar. 8.
Electrical switching apparatus. R. M. Gilson. 1,619,860; Mar. 8.
Electrode device, Incandescent. C. Samson. 1,620,397; Mar. 8.
Electrolytic apparatus and electrode therefor. W. G. Allan. 1,620,052; Mar. 8.
Electrolytic condensers, Excitation of. R. D. Mershon. 1,620,119; Mar. 8.
Electromagnetic device. B. W. Jones. 1,620,556; Mar. 8.
Electromagnetic device for alternating-current circuits. B. W. Jones and N. A. Wolfe. 1,620,555; Mar. 8.
Elevator. N. A. Blackham and G. N. Robillard. 1,619,966; Mar. 8.
Elevator. B. C. Van Emon. 1,620,305; Mar. 8.
Elevator safety stop, Noiseless. W. F. McMahon. 1,620,033; Mar. 8.
Embroidery machines, Trimming device for. A. Mistretta. 1,620,378; Mar. 8.
Emergency heater. W. A. Brown. 1,620,432; Mar. 8.
Engine: *See*—
Internal-combustion engine.
Engines, Air strainer for combustion. W. L. and E. L. Olmstead. 1,619,954; Mar. 8.
Engines and motors, Valve for. J. U. Jones. 1,620,355; Mar. 8.
Engines, Cylinder construction for gas. E. A. Watts. 1,619,903; Mar. 8.
Engines, Device for supplying moistened air to internal-combustion. R. A. Labbe. 1,619,871; Mar. 8.
Engines, Explosive chamber for gas. J. B. McKeown. 1,620,565; Mar. 8.
Engines, Fluid-operable lubricator for. F. K. Murphy and R. W. Retterer. 1,620,121; Mar. 8.
Engines, Starting device for internal-combustion. S. Jencick. 1,620,102; Mar. 8.
Eraser cleaner, Blackboard-. L. H. Ward. 1,619,899; Mar. 8.
Excavating machine. T. L. Loftus. 1,619,875; Mar. 8.
Extraction by pressure, Apparatus for continuous. P. Navarre. 1,620,567; Mar. 8.
Eye set. A. Konoff. 1,619,824; Mar. 8.
Fabric: *See*—
Pile textile fabric.
Fabric, Method of and apparatus for making composite. P. H. Walsh. 1,620,307; Mar. 8.
Fan, Concentrator-table. A. H. Stebbins. 1,620,242; Mar. 8.
Fan, Hand. A. Rodriguez. 1,620,394; Mar. 8.
Fan, Machine-operated portable. H. Gatti. 1,620,457; Mar. 8.
Fastener. E. Dresner. 1,620,611; Mar. 8.
Fastening device. C. N. Ramstad. 1,620,301; Mar. 8.
Fastening-inserting mechanism. G. Goddu and F. L. Mackenzie. 1,620,209; Mar. 8.
Fastening means M. B. Behrman. 1,619,803; Mar. 8.
Fender: *See*—
Vehicle fender.
Fertilizer distributor. G. L. Bilbrey. 1,620,320; Mar. 8.
Film cut-out. H. E. Rutter. 1,620,518; Mar. 8.
Film spool. H. A. De Vry. 1,620,605; Mar. 8.
Filter. E. de Stubner. 1,620,083; Mar. 8.
Filtering apparatus. B. Bramwell. 1,620,431; Mar. 8.
Finger ring. S. Grossman. Des. 72,150; Mar. 8.
Finger-ring facings, Mount for. C. Fischer. 1,620,252; Mar. 8.
Fire-alarm system. J. M. Johnson. 1,620,107; Mar. 8.
Firearms, Feed strip for. C. Sutter. 1,620,408; Mar. 8.
Fire bridge. J. Langer. 1,620,215; Mar. 8.
Fire escape. J. W. Wetzel. 1,620,309; Mar. 8.
Fire extinguisher. A. F. Thompson. 1,620,142; Mar. 8.
Fire pot. J. R. Johnson. 1,620,353; Mar. 8.
Fireproof building. H. Sorensen. 1,620,139; Mar. 8.
Fishhook, Automatic. H. M. Sykes. 1,620,497; Mar. 8.
Fishhook, Snagless. H. R. Ackerman. 1,620,589; Mar. 8.
Flatiron. M. C. Bersted. 1,629,183; Mar. 8.
Flexible coupling. W. F. Briscoe. 1,620,592; Mar. 8.
Flexible coupling. S. Pollak. 1,620,285; Mar. 8.
Flexible joint. L. H. Gillick. 1,620,094; Mar. 8.
Floor construction. F. H. Pletzsch. 1,620,130; Mar. 8.
Flow regulator. C. H. Smoot. 1,620,240; Mar. 8.
Flower holder. W. F. Schmeiske. 1,619,888; Mar. 8.
Flue gases, Extracting soot and greases from. J. A. McCarthy. 1,620,266; Mar. 8.
Flush box. J. Werner. 1,620,503; Mar. 8.
Flytrap. R. J. Harris. 1,620,461; Mar. 8.
Folding machine. W. W. Davidson. 1,620,444; Mar. 8.
Folding table. F. N. Blair. 1,620,061; Mar. 8.
Frame: *See*—
Spinning frame. Toy-balloon frame.
Frame and journal box therefor, Side. T. H. Symington. 1,620,498; Mar. 8.
Fruit-juice-extracting machine. G. N. Hughes. 1,620,551; Mar. 8.
Fuel combustion system, Pulverized-. C. W. E. Clarke. 1,620,191; Mar. 8.
Fuel economizer and decarbonizing device. R. R. Ross. 1,619,830; Mar. 8.
Fuel-feeding systems, Suction-producing means for. R. F. Bracke. 1,619,808; Mar. 8.
Fungicide and preparing same. J. H. Reedy and W. S. Brock. 1,620,229; Mar. 8.
Furnace: *See*—
Dentist's furnace. Muffle furnace.
Hot-air furnace. Stoker furnace.
Game. J. D. Smith. 1,620,399; Mar. 8.
Game, Arithmetical. V. D. Brittingham. 1,619,849; Mar. 8.
Game trap. G. A. Barnard. 1,620,182; Mar. 8.
Game-wheel spider. F. Reidelstein. Des. 72,139; Mar. 8.
Garment hanger. H. Smith. 1,619,992; Mar. 8.
Garment press. F. W. Lindemann. 1,620,366; Mar. 8.
Gas and oil separator. F. W. Harris. 1,620,096; Mar. 8.
Gas burner. C. C. Chappelle. 1,620,071; Mar. 8.
Gas feed, Automatic. H. W. Hart. 1,619,931; Mar. 8.
Gases, Device for proportionate feeding of. F. Mangiameli. 1,619,948; Mar. 8.
Gaseous mixtures such as those containing hydrogen, separation of the constituents of. G. Claude. 1,620,192; Mar. 8.
Gaskets for internal-combustion engines, Gas-mixing. C. M. Tansill. 1,620,410; Mar. 8.
Gate: *See*—
Crossing gate.
Gate. A. B. Hageman. 1,619,819; Mar. 8.
Gates, Latching means for. F. Schley. 1,620,134; Mar. 8.
Gauge: *See*—
Measuring gauge. Pressure gauge.
Gauges, Automatic shut-off for water. E. P. Prator. 1,619,828; Mar. 8.
Gear-shift stop. F. Reinhard. 1,619,955; Mar. 8.
Gear, Toothed. H. N. Anderson. 1,619,963; Mar. 8.
Gearing, Differential. M. Walter. 1,620,246; Mar. 8.
Gearing, Swiveling roller. R. Erban. 1,619,813; Mar. 8.
Gears, Manufacture of. J. W. White. 1,619,997; Mar. 8.
Gears, Mounting for brake. F. Mathews. 1,620,271; Mar. 8.
Girder. M. and L. S. Lachman. 1,620,362; Mar. 8.
Glass articles, Manufacture of. W. Westbury and P. W. Collins. 1,620,308; Mar. 8.
Glass joint, Art-. J. G. Susman. 1,620,300; Mar. 8.
Glass-working machine. A. Samuelson. 1,620,292; Mar. 8.
Glove. E. Burden. 1,620,434; Mar. 8.
Gluing machine for applying paper to wood, Automatic. J. H. Reynolds. 1,620,570; Mar. 8.
Goblet. V. V. Loomis. Des. 72,162; Mar. 8.
Goblet. R. I. Ratner. Des. 72,189; Mar. 8.
Golf club. G. W. Mattern. 1,620,118; Mar. 8.
Golf club, Adjustable. R. O. Wilson. 1,620,588; Mar. 8.
Gown, Morning. A. W. Stimson. 1,620,140; Mar. 8.
Gradometer. S. E. Morrison. 1,620,380; Mar. 8.
Graphophone needle. E. R. Haase. 1,619,863; Mar. 8.
Grate construction. J. W. Wright. 1,619,842; Mar. 8.
Grenade, Hand. R. B. Lawrence. 1,620,475; Mar. 8.
Grinder, Saw-tooth. E. C. Orr. 1,620,165; Mar. 8.
Gun carriages, Training mechanism for. H. C. Zimmerman. 1,619,843; Mar. 8.
Gun sight. C. H. Latourell. 1,620,364; Mar. 8.
Hair curler. S. Goldberg. 1,620,543; Mar. 8.
Hammer, Power. F. H. Derby. 1,620,525; Mar. 8.
Hand bag, Small. J. A. Methot. Des. 72,178; Mar. 8.
Hanger: *See*—
Garment hanger. Lamp hanger.
Harrow, Disk. L. Brenneis. 1,620,066; Mar. 8.
Harrow, Disk. W. D. Dewend. 1,619,857; Mar. 8.
Harvester, Beet. E. J. and O. H. Hammer. 1,620,019; Mar. 8.
Headlight, Automobile. W. E. Jory. 1,620,356; Mar. 8.
Headlight of automobiles, Swiveling. E. O. Rutter. 1,620,291; Mar. 8.
Heater: *See*—
Electric heater. Emergency heater.
Electrical heater. Water heater.
Heater. T. P. Castle. Des. 72,144; Mar. 8.
Heater. J. E. McMinn. Des. 72,177; Mar. 8.
Heaters, Control of engine-oil. J. H. Hunt. 1,619,978; Mar. 8.
Heating apparatus, Automatic electric connection plug for electric. M. C. Bersted. 1,620,184; Mar. 8.
Heating pad, Chemical. M. A. Smith. 1,620,581; Mar. 8.
Heel protector, Automobile driver's. E. M. Smock. 1,620,401; Mar. 8.
Heels for boots and shoes, Machine for use in the manufacture of. E. E. Winkley. 1,620,149; Mar. 8.
Heels to shoes, Applying. C. M. Hahn. 1,620,344; Mar. 8.
High-frequency energy, Transferring. R. S. Ohl. 1,619,882; Mar. 8.
Hinge, Detachable suspension. W. C. Canfield. 1,620,189; Mar. 8.
Hinges, Forming. C. A. Munson. 1,620,603; Mar. 8.
Hinges, Pintle for. J. Silberman. 1,619,890; Mar. 8.
Hood, Dust. H. W. Peters. 1,620,390; Mar. 8.
Hood for tank-car outlets, Heating. E. A. Fall. 1,620,452; Mar. 8.
Hook: *See*—
Stagging hook.
Hook forming and inserting machine. H. de Jong and W. Koning. 1,620,523; Mar. 8.
Hose clamp. C. S. Witwer. 1,619,841; Mar. 8.
Hose fittings. M. Loughead. 1,620,114; Mar. 8.
Hose or sock. A. J. McCallum. 1,620,160; Mar. 8.
Hot-air furnace, Convertible built-in. G. C. Royse. 1,620,235; Mar. 8.
Humidifier, Automatic. J. S. Makin. 1,620,373; Mar. 8.
Hydrometer. W. Rippien. 1,620,393; Mar. 8.

Ice-cream cones, Container for. A. J. Pukt. 1,619,883; Mar. 8.
Ice-cream-dipper mold. H. Landman. 1,620,110; Mar. 8.
Ignition machine. F. Billon and J. Bohli. 1,620,060; Mar. 8.
Indicating the amount of liquid in a supply tank, Method of and apparatus for. J. McElwain. 1,620,606; Mar. 8.
Indication and control, Frequency. R. A. Heising. 1,620,204; Mar. 8.
Indicator for automobiles, Direction. H. H. Soper. 1,620,402; Mar. 8.
Induction meter. H. M. Witherow. 1,620,505; Mar. 8.
Ingot mold. G. A. Dornin. 1,620,010; Mar. 8.
Ingot molds and apparatus for same, Casting. J. E. Perry. 1,620,128; Mar. 8.
Ingot molds or the like, Core box for. J. E. Perry. 1,620,227; Mar. 8.
Inner tubes, Composition for treating. A. L. Gibbs and J. A. Gill. 1,620,342; Mar. 8.
Insecticide. H. Howard. 1,620,208; Mar. 8.
Insulation composition. F. H. Ford. 1,620,091; Mar. 8.
Insulator. H. E. Rider. 1,620,392; Mar. 8.
Instrument panel. T. C. Dingman. 1,620,328; Mar. 8.
Interliner. D. Baker. 1,620,054; Mar. 8.
Internal-combustion engine. F. E. Aseltine. 1,619,965; Mar. 8.
Internal-combustion engine. H. E. Dickinson. 1,620,446; Mar. 8.
Internal-combustion engine. C. E. Lucke. 1,619,825; Mar. 8.
Internal-combustion engine. G. P. Nielson. 1,620,124; Mar. 8.
Iron contact rail with copper insert. K. Spieckermann. 1,620,496; Mar. 8.
Jack: *See*—
Automobile jack. Pump jack.
Jar holder. C. J. May. 1,620,272; Mar. 8.
Joint: *See*—
Flexible joint. Rail joint.
Glass joint. Universal joint.
Joint. G. Tasman. 1,619,836; Mar. 8.
Jug. J. S. Boswell. Des. 72,141; Mar. 8.
Key, Water. S. McDaniel. 1,620,161; Mar. 8.
Knife glue clamp. B. C. Rockwell. 1,619,989; Mar. 8.
Knife, Pencil. J. Schick. 1,620,236; Mar. 8.
Knife, Topping and pruning. O. M. Randolph. 1,620,133; Mar. 8.
Labeling machine, Can-. C. H. Wild. 1,619,840; Mar. 8.
Labels, wrappers, and the like, Machine for applying and gumming. H. H. Pelzer. 1,620,282; Mar. 8.
Lactonitrile fumigant. L. J. Christmann. 1,620,074; Mar. 8.
Ladder-pulley-block support. P. G. Gauss. 1,620,254; Mar. 8.
Lamp. O. B. Bach. Des. 72,132; Mar. 8.
Lamp, Desk. C. T. Brady. Des. 72,142; Mar. 8.
Lamp, Floor. H. Horn, jr. 1,619,976; Mar. 8.
Lamp hanger. C. L. Bundy. 1,620,516; Mar. 8.
Lamp-post. H. M. Lloyd. Des. 72,160; Mar. 8.
Lamp, Vehicle. A. Graves. 1,620,202; Mar. 8.
Lamps and similar articles, Apparatus for making incandescent. J. F. Donovan. 1,620,447; Mar. 8.
Lamps, Filament support for series. A. L. Powell. 1,620,487; Mar. 8.
Latch, Hood. L. C. Vanderlip. 1,620,414; Mar. 8.
Latex and product, Preserving. A. E. Jury and O. H. Smith. 1,619,938; Mar. 8.
Lathe attachment. P. L. Starr. 1,619,832; Mar. 8.
Lathe, drilling and milling machine, Combined. H. Dalton. 1,620,522; Mar. 8.
Lathing structures for plaster wall, Mounting. J. F. Makowski. 1,619,947; Mar. 8.
Laundering machine. W. W. Trinks. 1,620,144; Mar. 8.
Laundry check. E. Lane. 1,620,158; Mar. 8.
Lawn cleaner, Combination. J. Coley. 1,619,851; Mar. 8.
Lawn sprinkler, Traveling. W. C. Todd and J. W. Pomeroy. 1,620,583; Mar. 8.
Lens, Detachable antiglare. A. N. Quick. 1,620,569; Mar. 8.
Leucite and other sodium and potassium silicates with lime for the purpose of extracting potassium or sodium and aluminum values, Treatment of. F. Jourdan. 1,620,212; Mar. 8.
License plate. W. M. Johnson. Des. 72,154; Mar. 8.
Life preserver. W. Wilson. 1,620,421; Mar. 8.
Light: *See*—
Road light.
Light fixture, Beam-. S. Airo. Des. 72,125; Mar. 8.
Lighter for cigars and the like. R. O. Hammond. 1,620,548; Mar. 8.
Lighting fixture. H. E. Kaden. Des. 72,155; Mar. 8.
Lighting fixture. F. W. Wakefield, G. L. Basil, and C. A. Schroeder. 1,620,306; Mar. 8.
Lighting system and switch mechanism therefor, Automobile. P. H. Burkhart and W. L. Bayne. 1,620,187; Mar. 8.
Lingerie-strap holder. E. M. and M. Pollock. 1,620,228; Mar. 8.
Liquid meter. R. S. Bassett. 1,620,151; Mar. 8.
Liquids, Treating. W. Evans. 1,620,332–3; Mar. 8.
Load-indicating mechanism. W. J. Cobb. 1,620,442; Mar. 8.
Loading and unloading materials, Apparatus for. C. R. Fisher. 1,620,531; Mar. 8.
Loading device. R. D. Robertson. 1,620,039; Mar. 8.
Lock: *See*—
Bag lock.
Lock. M. A. O'Branovich. 1,619,881; Mar. 8.
Locking device. J. Zito. 1,620,051; Mar. 8.
Locomotive-axle journals, Device for lubricating. W. J. Cox. 1,620,520; Mar. 8.
Locomotive driving box. W. H. Utterbaugh. 1,620,584; Mar. 8.
Locomotive-rear-end support. W. E. Woodard. 1,620,423; Mar. 8.
Locomotive, Steam. R. H. Whitelegg. 1,620,586; Mar. 8.
Log-securing device. J. T. Sannar and C. R. Lawler. 1,619,958; Mar. 8.
Loom attachment. A. Gagnon. 1,620,601; Mar. 8.
Loom let-offs, Reversing motion for. W. H. Wakefield. 1,620,175; Mar. 8.
Looms, Dobby finger for. W. H. Wakefield. 1,620,176; Mar. 8.
Looms, Harness motion for. W. Simmchen. 1,619,930; Mar. 8.
Looms, Shuttle-checking device for. W. H. Baker and J. Dewhurst. 1,619,847; Mar. 8.
Looms, Shuttle-checking mechanism for. A. E. Dean. 1,620,195; Mar. 8.
Looms, Stop mechanism for. H. A. Davis. 1,620,194; Mar. 8.
Loud speaker. O. O. Widmann. Des. 72,199–200; Mar. 8.
Loud speaker, Base for a. R. T. Davis. Des. 72,145; Mar. 8.
Lubricant cup. P. J. and C. H. Jorgensen. 1,620,557; Mar. 8.
Lubricating and internal-pressure spring, Self-. C. Thide. 1,620,301; Mar. 8.
Lubricator. P. W. Gates. 1,620,253; Mar. 8.
Lubricator. F. W. Martin. 1,620,479; Mar. 8.
Lubricator. S. Munson. 1,620,381; Mar. 8.
Luggage carrier. E. McPhail. 1,620,218; Mar. 8.
Machines, Controlling means for. M. H. Ballard. 1,620,001; Mar. 8.
Magazine-lubricating means. C. T. Myers. 1,620,277–8; Mar. 8.
Magneto-electric machine. A. F. Gerdes. 1,619,926; Mar. 8.
Magnetos, Brenker mechanism for ignition. W. Hawkins. 1,619,932; Mar. 8.
Mail box, Gang. H. Krick. 1,620,474; Mar. 8.
Mail-box indicator or flag, Rural-. I. D. Alderman. 1,620,314; Mar. 8.
Marble-polishing buffer. C. R. Abbott. 1,619,961; Mar. 8.
Mat or the like, Lace. S. N. Mallouk. Des. 72,169–75; Mar. 8.
Measuring bucket or vessel. A. Davis, jr. 1,620,610; Mar. 8.
Measuring gauge. L. H. Stein. 1,619,834; Mar. 8.
Measuring gauge, Liquid-. J. Cook. 1,619,919; Mar. 8.
Medallion. J. D. Karle. 1,620,259; Mar. 8.
Mercerizing machine. F. S. Wilcox. 1,620,419; Mar. 8.
Mercury gauges, Regulator for. A. A. Gibson. 1,620,540; Mar. 8.
Metal bars, Machine for shearing. E. P. Jones. 1,620,354; Mar. 8.
Metallic fiber article, Consolidated. C. Field. 1,620,530; Mar. 8.
Meter: *See*—
Induction meter. Parking meter.
Liquid meter.
Microscopic-slide staining and drying apparatus. F. Hintio and J. Schultz. 1,620,351; Mar. 8.
Mill: *See*—
Rolling mill.
Mills, Plate-lifting mechanism for rolling. T. McCabe. 1,620,032; Mar. 8.
Milling products, Improving. H. C. J. H. Gelissen. 1,620,458; Mar. 8.
Mining-machine chain lubricator. H. L. Seekamp. 1,620,135; Mar. 8.
Mixer: *See*—
Concrete mixer.
Mold: *See*—
Ice-cream-dipper mold. Multicellular mold.
Ingot mold.
Mold-ramming machine. J. Stone. 1,620,406; Mar. 8.
Molds, Making ingot. G. A. Dornin. 1,620,011; Mar. 8.
Molding machine, Centrifugal. W. H. Beatty. 1,620,427; Mar. 8.
Molding machines, Mechanism for controlling and operating. F. J. Wood. 1,620,050; Mar. 8.
Molten glass, Method and apparatus for feeding. G. E. Howard. 1,620,207; Mar. 8.
Money-changer holder. F. F. Neal. 1,619,880; Mar. 8.
Mop and wringer, Combined. E. Jumonville. 1,620,028; Mar. 8.
Motor: *See*—
Commutator motor. Wave and tide motor.
Motor-control system. E. E. Kleinschmidt. 1,620,359; Mar. 8.
Muffle furnace, Electric resistance. W. Rohn. 1,619,829; Mar. 8.
Multicellular mold. D. M. Bernotow. 1,619,914; Mar. 8.
Nail. F. Coates. 1,620,193; Mar. 8.
Nail. F. P. Leonard. 1,619,944; Mar. 8.
Necklace or similar article. J. R. Miller. Des. 72,180; Mar. 8.
Necktie holder. A. Jaffe. 1,620,553; Mar. 8.
Needle. R. A. Howe. 1,620,550; Mar. 8.

Niche seat and lavatory, Combined. M. J. Tracy. Des. 72,195; Mar. 8.
Nipple for nursing bottles. G. H. Donaldson. 1,620,329; Mar. 8.
Nonmetallic facings to working-clutch members, Attaching. F. C. Stanley. 1,620,043; Mar. 8.
Nozzle, Spray. C. Ibne. 1,620,209; Mar. 8.
Objective. C. W. Frederick and F. E. Altman. 1,620,337; Mar. 8.
Objects, Method of and apparatus for marking. H. W. Hacker. 1,620,343; Mar. 8.
Oil, Apparatus for cracking. G. Egloff and H. P. Benner. 1,619,922; Mar. 8.
Oil, Apparatus for treating petroleum. H. J. Halic. 1,619,929; Mar. 8.
Oil-burner boiler. L. L. Scott. 1,619,889; Mar. 8.
Oil burner, Fuel-. A. J. Woodcock. 1,619,910; Mar. 8.
Oil burner, Fuel-. A. J. Woodcock. 1,619,998; Mar. 8.
Oil-burning apparatus. E. D. Lewis. 1,620,111; Mar. 8.
Oil, Cracking petroleum. G. Egloff. 1,619,921; Mar. 8.
Oil holder. J. L. Schneider. 1,620,294; Mar. 8.
Oil, Lubricating. J. F. Anderson. 1,619,964; Mar. 8.
Oil-well-tubing drainer. J. C. Taylor. 1,620,173; Mar. 8.
Oil wells, Liner for. J. Tweeddale. 1,620,412; Mar. 8.
Oils and apparatus therefor, Converting. J. C. Clancy. 1,620,075; Mar. 8.
Oils, Converting or cracking hydrocarbon. W. E. Trent. 1,619,896; Mar. 8.
Oils, Process and apparatus for treating. L. C. Huff. 1,619,977; Mar. 8.
Oils, Treating hydrocarbon. L. E. Jackson. 1,619,869; Mar. 8.
Onion juice, Preparation of concentrated. C. Marx. 1,619,826; Mar. 8.
Operating mechanism. J. R. Cautley. 1,619,810; Mar. 8.
Ore-grinding machine. G. W. Northland. 1,620,276; Mar. 8.
Pad: *See*—
Heating pad.
Pail, Fruit. J. L. Betts. 1,620,059; Mar. 8.
Paint and varnish remover. O. P. Swift. 1,620,409; Mar. 8.
Paint packages, Follower for. J. W. Hasburg. 1,619,930; Mar. 8.
Paper, carton, and like materials, Apparatus for working. H. Robst. 1,619,848; Mar. 8.
Paper-making machine. F. A. Peschl. 1,620,037; Mar. 8.
Paper-ware manufacture. H. B. Smith. 1,620,239; Mar. 8.
Parking meter. W. A. Homan and C. T. Austin. 1,620,098; Mar. 8.
Paving block. A. M. Zottoli. 1,619,844; Mar. 8.
Pedal actuating and holding means, Low-speed. W. J. Kidd. 1,620,467; Mar. 8.
Pen and pencil grip. A. L. Baer. 1,619,801; Mar. 8.
Pen and stand therefor, Fountain. W. I. Ferris. 1,620,529; Mar. 8.
Pen, Fountain. C. A. Haist. 1,620,345; Mar. 8.
Pencil, Lead. M. F. Glennon. 1,619,927; Mar. 8.
Perch puller. J. E. Dowley. 1,620,084; Mar. 8.
Petroleum, Process of and apparatus for refining. F. A. and J. A. Milliff. 1,620,163; Mar. 8.
Phonograph record and making the same, Electric. A. Mutscheller. 1,620,122; Mar. 8.
Pianos, Auxiliary motor-drive mechanism for player. F. Minutillo. 1,620,484; Mar. 8.
Picture machines, Method and apparatus for fire protection in moving-. J. E. Robin. 1,619,957; Mar. 8.
Pictures, Method and apparatus for producing colored motion. L. D. Mannes and L. Godowsky, jr. 1,619,949; Mar. 8.
Piezo-electric-crystal apparatus. A. Crossley. 1,619,854; Mar. 8.
Pile textile fabric. S. Freudenberg. 1,620,340; Mar. 8.
Piling mechanism, Sheet-. W. F. Conklin, H. S. Hopkins, and J. M. Hover. 1,619,804; Mar. 8.
Pin: *See*—
Bowling pin.
Pins, Holder for laundry marking. B. P. Stoer. 1,619,893; Mar. 8.
Pipe: *See*—
Tobacco pipe.
Pipe wrench. H. Goulas. 1,620,016; Mar. 8.
Pipe wrench. T. E. Stephenson. 1,620,170; Mar. 8.
Piston-ring groove. H. Stoll. 1,619,993; Mar. 8.
Piston, Valved. V. J. Waters. 1,620,416; Mar. 8.
Plaster, Cellular. H. E. Brookby and G. D. King. 1,620,067; Mar. 8.
Plaster composition. A. C. Williamson. 1,620,587; Mar. 8.
Plastic material into separate tablets of uniform size, Apparatus for dividing. F. Grover. 1,620,546; Mar. 8.
Plate or similar article. F. Markert. Des. 72,176; Mar. 8.
Plating metals. R. S. Summers. 1,619,835; Mar. 8.
Plow. B. L. Dri-coll. 1,620,085; Mar. 8.
Plow, Ditching. F. E. Duncan. 1,620,250; Mar. 8.
Plug, Automatic electric connection. M. C. Bersted. 1,620,185; Mar. 8.
Polishing material to a series of polishing machines, Apparatus for applying. H. K. Hitchcock. 1,620,021; Mar. 8.
Pot: *See*—
Tire pot.
Pot-holder rack. F. Arnett and L. Welspiel. Des. 72,129; Mar. 8.
Poultry feeder. G. F. Moyers. 1,620,607; Mar. 8.
Powder and skin bleach, Combined face. F. A. Marsek. 1,620,269; Mar. 8.
Power actuator. C. S. Bragg and V. W. Kliesrath. 1,620,513; Mar. 8.
Power transmission. R. C. Mason. 1,619,876; Mar. 8.
Power wheel. A. J. Larkin. 1,620,363; Mar. 8.
Press: *See*—
Garment press. Seal press.
Press. C. R. Gabriel. 1,620,534; Mar. 8.
Press plates, Machine for making offset. A. T. Koppe. Re16,567; Mar. 8.
Presses, Shock absorber for power plate. J. J. Halliwell. 1,619,820; Mar. 8.
Pressing machine. A. Zeman. 1,620,248; Mar. 8.
Pressure-actuated circuit breaker. P. B. Parks and J. Van Vulpen. 1,620,127; Mar. 8.
Pressure-actuated control device. H. A. Hoeschen. 1,619,806; Mar. 8.
Pressure gauge. B. McClelland. 1,620,482; Mar. 8.
Pressure oil can. F. M. Dilley, C. F. Hallberg. 1,620,595; Mar. 8.
Prime movers, Governing mechanism for. W. L. R. Emmet. 1,620,527; Mar. 8.
Printer device, Tabulating card-. J. W. Bryce. 1,620,068; Mar. 8.
Printing plates such as stereotype and electrotype plates, Heating and bending metallic. C. N. Smith. 1,620,042; Mar. 8.
Printing plates such as stereotype and electrotype plates, Machine for bending metallic. C. N. Smith. 1,620,041; Mar. 8.
Printing presses, Static neutralizer for. W. M. Carmichael. 1,619,968; Mar. 8.
Projection objective. C. W. Frederick and D. L. Wood. 1,620,339; Mar. 8.
Projection system. C. W. Frederick. 1,620,338; Mar. 8.
Propeller guard. G. Peterson. 1,620,129; Mar. 8.
Puller: *See*—
Perch puller. Wheel puller.
Pulps, Treatment of. A. L. Blomfield and E. R. Ramsey. 1,619,807; Mar. 8.
Pump. J. D. Nixon and G. R. Livergood. 1,620,222; Mar. 8.
Pump jack. M. L. Dobson. 1,620,009; Mar. 8.
Pump, Oil-well. J. M. Hawkins and S. Losey. 1,620,347; Mar. 8.
Pump, Well. B. F. Marty. 1,619,950; Mar. 8.
Pump, Rotary gear. F. W. Kennedy. 1,620,261; Mar. 8.
Pumping mechanism. C. H. Braselton and C. P. Brockway 1,620,065; Mar. 8.
Quartz working. E. R. Berry. 1,620,511; Mar. 8.
Rack: *See*—
Bottle rack. Display rack.
Clothes rack.
Radiator, Automobile. T. F. Rainsford. Des. 72,187; Mar. 8.
Radiator cap. E. B. Nowosielski. Des. 72,184; Mar. 8.
Radiator-cap ornament, Automobile. C. C. Mose. Des. 72,182; Mar 8.
Radiator, Electric. C. A. Head. 1,619,865; Mar. 8.
Radio and phonograph apparatus, Combined. F. G. Mayer. 1,620,481; Mar. 8.
Radio antenna system. D. W. Richardson. 1,620,231; Mar. 8.
Radio apparatus. G. Somersalo. 1,620,609; Mar. 8.
Radiocabinet. J. Wolff. Des. 72,201; Mar. 8.
Radio extension conductor and reel. W. I. Licht. 1,620,562; Mar. 8.
Radioreceivers, Escutcheon plate for S. Ballantine. Des. 72,138; Mar. 8.
Radio receiving loop. A. Longworth. Des. 72,161; Mar. 8.
Radiotable. M. Holtzman. 1,620,352; Mar. 8.
Rail anchor. G. L. Moore. 1,620,275; Mar. 8.
Rail filler. A. C. Fischer. 1,619,924; Mar. 8.
Rail-handling device. J. White. 1,619,908; Mar. 8.
Rail joint. W. Waskewicz. 1,620,502; Mar. 8.
Railway signaling. L. O. Grondahl. 1,619,928; Mar. 8.
Railway-switch-operating device. J. and C. Czerniak. 1,620,326; Mar. 8.
Razor blades, Device for sharpening straight and safety. C. E. Stegner. 1,619,833; Mar. 8.
Razor compact. V. R. Payton. 1,620,389; Mar. 8.
Reamer, Expansion. E. E. Davis. 1,619,855; Mar. 8.
Receptacle, Bottle. H. Culp. 1,620,079; Mar. 8.
Recorder: *See*—
Bridge-score recorder.
Reel. R. F. Miehle, jr. 1,619,952; Mar. 8.
Refrigerator. M. Wallnt. 1,620,177; Mar. 8.
Refrigerator doors, Fastener for. A. Rubin. 1,619,831; Mar. 8.
Regulating apparatus. F. H. Winter. 1,620,504; Mar. 8.
Regulator: *See*—
Flow regulator.
Relay, Echo-suppressor. H. C. Silent. 1,619,891; Mar. 8.
Renovating machine, Fabric-. E. F. Fisher. 1,619,814; Rheostat. J. A. Rostron. 1,620,573; Mar. 8.
Ridge-splitter attachment. L. W. Chase. 1,620,441; Mar. 8.
Rims, Actuating attachment for. L. L. Klingaman. 1,620,470; Mar. 8.
Road light. F. G. Farwell. 1,620,198; Mar. 8.
Road tool. D. M. Watters. 1,620,247; Mar. 8.
Rod chair, Concrete-reenforcing-. R. Vogel. 1,620,501; Mar. 8.

Rods, wires, or the like, Machinery for bending metallic. A. Melville and D. McDougall. 1,619,951; Mar. 8.
Roller brake, Flexibly-adjustable duct-. F. S. Bailey. 1,619,805; Mar. 8.
Rolling mill. L. Lee. 1,620,476; Mar. 8.
Rolling-mill guide. H. Mercer. 1,620,566; Mar. 8.
Rolls for rolled step-joint bars, Preparing. B. Wolhaupter. 1,620,422; Mar. 8.
Saddle seat. A. Dourdoufis. 1,620,448; Mar. 8.
Sash. W. C. Coryell. 1,619,811; Mar. 8.
Saw. R. Farren. 1,620,454; Mar. 8.
Saw, Motorized hand. E. J. Maloney. 1,620,374; Mar. 8.
Saw, Stone and marble. W. J. Jones. 1,620,466; Mar. 8.
Saw, Tubular stone. J. A. Hall. 1,620,255; Mar. 8.
Sawing machine, Adjustable. N. Maddox. 1,620,370; Mar. 8.
Saxophone attachment. C. W. McElroy. 1,620,564; Mar. 8.
Scale, Scoop. E. R. Ball. 1,620,000; Mar. 8.
Scale, Weighing. L. A. Osgood. 1,620,125; Mar. 8.
Scalper. C. W. Carter. 1,620,439; Mar. 8.
Scarf or the like, Lace. S. N. Mallouk. Des. 72,168; Mar. 8.
Scissors. M. Parker. 1,620,225–6; Mar. 8.
Screen: *See*—
Vibratory screen.
Screens, Vibration mechanism for. E. T. Keenan. 1,620,213; Mar. 8.
Scrubber. N. B. Braly. 1,620,591; Mar. 8.
Seal press. D. C. Sasseman. 1,619,959; Mar. 8.
Sealing means, Paper-bag-. C. Supp. 1,619,887; Mar. 8.
Seat: *See*—
Saddle seat.
Seat. M. Antrobus. Des. 72,126; Mar. 8.
Seed drill, Double-row ginseng. J. C. and J. B. Peters. 1,620,283; Mar. 8.
Separator: *See*—
Gas and oil separator.
Sewing-machine attachment. H. Corrall and J. Heggie. 1,620,249; Mar. 8.
Shade-roller support. H. F. Buchholt. 1,620,515; Mar. 8.
Shade, Window. S. S. Levy. 1,620,159; Mar. 8.
Sheaves and cables on lift bridges, Method and apparatus for changing main. E. A. Pearson. 1,620,284; Mar. 8.
Sheet glass, Apparatus for cracking off and handling continuously-formed. A. E. Evans. 1,620,014; Mar. 8.
Sheet-metal assembling and working machine. H. Hermani. 1,620,205; Mar. 8.
Sheet piling. F. L. Simon. 1,620,137; Mar. 8.
Sherbet glass. R. L. Ratner. Des. 72,190; Mar. 8.
Shipping box, Egg-. M. O. Ginsburg. 1,620,541; Mar. 8.
Shipping container. W. R. Brown. 1,619,917; Mar. 8.
Shirt. J. H. Lamberton. Des. 72,157; Mar. 8.
Shirt neck band and making the same. P. Leichter. 1,620,477; Mar. 8.
Shock absorber. C. H. Foster. 1,619,815; Mar. 8.
Shock absorber for vehicles. S. Lewis. 1,620,112; Mar. 8.
Shoe. R. E. McKibben. 1,620,612; Mar. 8.
Shoes, Manufacture of. H. D. Hamilton. 1,620,018; Mar. 8.
Shoulder-strap fastener. M. M. Maider. 1,620,372; Mar. 8.
Shutter for measuring-machine charts. G. C. Hosch. 1,619,935; Mar. 8.
Shuttle tip. E. E. Royal. 1,620,234; Mar. 8.
Sign, Advertising. S. A. Gill. Des. 72,148; Mar. 8.
Sign, Changeable. H. H. Early. 1,620,450; Mar. 8.
Sign, Illuminated. E. J. and C. F. Kreiss. 1,620,472–3; Mar. 8.
Sign, Illuminated. H. C. Osborn. 1,620,386; Mar. 8.
Signal: *See*—
Crossing signal. Traffic signal.
Signal ball. A. J. Rubin. 1,620,290; Mar. 8.
Signal for motor cars. T. J. O'Leary. 1,620,385; Mar. 8.
Signal switch, Traffic-. J. M. Gallus and J. J. Schelts. 1,620,456; Mar. 8.
Signaling apparatus, Railway. P. H. Geiger. 1,620,015; Mar. 8.
Signaling device. J. Weech. 1,620,147; Mar. 8.
Skate. H. Ritow. 1,620,232; Mar. 8.
Slicer, Vegetable and fruit. P. Sokolowski. 1,620,138; Mar. 8.
Smoking pipe. J. F. Bushee. 1,620,438; Mar. 8.
Socket closure, Swivel-. J. J. Kearney. 1,620,020; Mar. 8.
Socket, Multiple sucker-rod. W. A. O'Bannon. 1,620,382; Mar. 8.
Socket, Multiple sucker-rod. W. A. O'Bannon. 1,620,486; Mar. 8.
Socket, Sucker-rod. W. A. O'Bannon. 1,620,383; Mar. 8.
Solder for aluminum and its alloys. E. Conti. 1,619,852; Mar. 8.
Soldering. J. Wenz, J. Alvera, and G. Brunhübner. 1,619,837; Mar. 8.
Sole-rounding machine. G. Julian. 1,620,027; Mar. 8.
Sound magnifier. S. P. Knut. 1,619,981; Mar. 8.
Sound-purifying device. H. Lion. 1,620,367; Mar. 8.
Spark plug. A. Champion. 1,619,969; Mar. 8.
Spark plug. G. W. Gardner. 1,620,341; Mar. 8.
Sparklers and analogous lights, Color changer for. K. Kohn. 1,620,560; Mar. 8.
Speedometer, Magnetic. J. K. Olsen. 1,620,034; Mar. 8.
Spindle mounting. A. Turner and A. P. Burns. 1,619,995; Mar. 8.
Spinning frame. C. Morton. 1,619,985–6; Mar. 8.
Spoon, Dosage. H. D. Morgan and F. P. Bushey. 1,619,878; Mar. 8.
Spotlight. F. C. Howe. 1,619,936; Mar. 8.
Spout, Pouring. J. M. Hothersall. 1,620,024; Mar. 8.
Spray, Hog. A. H. Eckerman. 1,620,013; Mar. 8.
Spring: *See*—
Lubricating and internal-pressure spring.
Spring oiler. F. G. Withrow. 1,620,150; Mar. 8.
Spring support. E. L. Schellens and J. S. Coffin, jr. 1,620,491–2; Mar. 8.
Spring suspension. C. H. Buckler. 1,620,070; Mar. 8.
Sprinkler: *See*—
Lawn sprinkler.
Stacking device. G. A. Bell and J. H. Carson. 1,620,058; Mar. 8.
Stagging hook. C. C. Burmeister. 1,620,436; Mar. 8.
Stalk cutters and other wheeled agricultural implements, Lock for the wheeled axles of. J. A. McKay and P. H. Lynch. 1,620,369; Mar. 8.
Stamp, Christmas-club saving. J. J. Hickey. Des. 72,153; Mar. 8.
Stand: *See*—
Display stand. Transport stand.
Steam trap. F. Thomas. 1,619,898; Mar. 8.
Steel crosstie, Twin. J. Ashman. 1,620,181; Mar. 8.
Steering device. H. Schroder. 1,620,237; Mar. 8.
Steering gear. C. W. Kelsey. 1,619,980; Mar. 8.
Steering-wheel knob. D. E. Norcross. 1,620,223; Mar. 8.
Step and repeat machine. O. Fournier. 1,620,336; Mar. 8.
Sterilizer. T. R. Kragen and T. A. Errett. 1,620,360; Mar. 8.
Stocking. R. Breyer. Des. 72,143; Mar. 8.
Stockings, Rubber protector for. A. Henderson. 1,619,934; Mar. 8.
Stoker furnace. T. A. Marsh. 1,620,270; Mar. 8.
Stokers, Fuel-distributing means for underfeed. R. L. Beers. 1,620,509; Mar. 8.
Stone crusher. E. F. Cookinham. 1,620,078; Mar. 8.
Storage and conveying apparatus, Motion. E. A. White. 1,619,900; Mar. 8.
Stove. M. R. Lehman. Des. 72,158; Mar. 8.
Stove and electrical igniting means, Oil. D. R. Price. 1,620,489; Mar. 8.
Stove, Gasoline camp. L. B., N., W., and J. M. Goldberg. 1,620,095; Mar. 8.
Strap holder, Check-. A. C. Hudgens. 1,620,463; Mar. 8.
Supporting device. J. C. Reinke, jr. 1,620,288; Mar. 8.
Surfacing machine. L. H. Gray. 1,620,459; Mar. 8.
Swaging machines, Feeding mechanism for. E. A. Dean. 1,619,971; Mar. 8.
Sweeper, Carpet. W. H. Kenyon. 1,620,358; Mar. 8.
Sweeper, Carpet. J. L. Shorrock. 1,620,297; Mar. 8.
Swimming-instructing machine. T. A. Walton. 1,620,146; Mar. 8.
Switch: *See*—
Automatic switch. Signal switch.
Switch-box support and latch holder, Combined. C. E. Bowers. 1,620,063; Mar. 8.
Switch mechanism. E. H. Remde. 1,620,167; Mar. 8.
Switches, Attachment for oil. J. D. Hilliard. 1,620,155; Table. M. Antrobus. Des. 72,128; Mar. 8.
Table. O. B. Bach. Des. 72,135; Mar. 8.
Table. H. L. Guth. Des. 72,151; Mar. 8.
Table cover or the like, Lace. S. N. Mallouk. Des. 72,164–6; Mar. 8.
Table for vegetables and fruits, Turnover. S. B. Lindley. 1,620,217; Mar. 8.
Tableware and making the same, Silver-reenforced. T. B. Lashar. 1,619,872; Mar. 8.
Talking machine. K. Holtz. 1,620,257; Mar. 8.
Tank. H. F. Koeppe. 1,620,471; Mar. 8.
Tank cover, Leakproof-. W. T. Van Orman. 1,620,415; Mar. 8.
Telegraph-exchange system, Printing-. G. S. Vernam. 1,619,897; Mar. 8.
Telemetric system. G. W. Sprenger. 1,620,405; Mar. 8.
Telephone-exchange system. B. G. Dunham and W. T. Haines. 1,620,012; Mar. 8.
Telephone receiver. J. Kleinman. 1,620,263; Mar. 8.
Telephone system. A. Flad. 1,620,090; Mar. 8.
Telephone system, Automatic. C. E. Lomax. 1,620,113; Mar. 8.
Temperature controlled fluid mixing device. A. A. Smith. 1,620,238; Mar. 8.
Tennis rackets, Case for. H. Chase. 1,620,072; Mar. 8.
Ternary gaseous mixtures, Separation of the constituents of. W. Wilkinson. 1,619,909; Mar. 8.
Textile fabric or the like. H. Silberman. Des. 72,192; Mar. 8.
Textile fibers, Half lap for combing. J. K. Lanning. 1,620,031; Mar. 8.
Thread and cord cutter. M. Rosenblum. 1,620,572; Mar. 8.
Thumb-hole-cutting machine. J. A. Stock. 1,620,299; Mar. 8.
Ticket case. W. J. Schramm. 1,620,295; Mar. 8.
Tin, Metallurgy of. E. A. C. Smith. 1,620,580; Mar. 8.
Tire. A. S. Michelson. Des. 72,179; Mar. 8.
Tire chain. E. W. Bunger. 1,620,517; Mar. 8.
Tire flap. E. G. Hulse. 1,619,868; Mar. 8.
Tire for vehicle wheels. M. N. A. Develay. 1,619,812; Mar. 8.

Tire holder. F. A. Lind 1,620,478; Mar. 8.
Tire machine. E. G. Templeton. 1,620,499; Mar. 8.
Tire machine, Cord-. W. G. Fording. 1,620,092; Mar. 8.
Tire traction device, Resilient-. D. W. Ohaver. 1,620,384; Mar. 8.
Tires, Antiskid chain for. W. H. Coad. 1,620,076; Mar. 8.
Tires, Chain equipment for. F. H. Arnzen. 1,619,846; Mar. 8.
Thread, Making. F. Rosenthal. 1,620,233; Mar. 8.
Tobacco pipe. J. M. Wilson. 1,620,420; Mar. 8.
Tool, Combination. R. Klaboe. 1,620,262; Mar. 8.
Tool, Interchangeable boring and counterboring. E. Gairing. 1,620,536; Mar. 8.
Tool, Percussive hand. R. Goldschmidt. 1,620,201; Mar. 8.
Tools, Handle for. W. H. Matthai. 1,620,480; Mar. 8.
Toothbrush. S. E. Douglass. 1,620,330; Mar. 8.
Toothbrushes and container for same. J. Magee. 1,619,946; Mar. 8.
Torchère. O. B. Bach. Des. 72,136; Mar. 8.
Towel rack and clothesline, Combined. O. R. Betts. 1,620,590; Mar. 8.
Toy balloon. H. Pemberton. 1,620,036; Mar. 8.
Toy balloon frame. E. S. Eichenlaub. 1,620,331; Mar. 8.
Toy dog. M. R. Smith. Des. 72,193; Mar. 8.
Toy, Figure wheeled. A. M. Smolens. Des. 72,194; Mar. 8.
Toy, Sheet-material. C. E. Arundel. 1,620,053; Mar. 8.
Toy, Single horse and cart. W. D. Bludworth. Des. 72,140; Mar. 8.
Toy tracks, Wire-terminal clip for. H. S. Becker. 1,620,428; Mar. 8.
Toys, Frame or body of joint dolls and other articulated or jointed. A. Bucherer. 1,620,069; Mar. 8.
Tractors, Cultivator attachment for. L. Hover. 1,620,099; Mar. 8.
Traffic signal. L. L. Schmidt. 1,620,576; Mar. 8.
Train control. C. S. Bushnell. 1,620,188; Mar. 8.
Transformer. L. H. Burnham. 1,620,437; Mar. 8.
Transformer. E. J. Temple. 1,620,411; Mar. 8.
Transmission. A. B. Bowman. 1,620,064; Mar. 8.
Transmission and bearing, Combined resilient. B. F. Seymour. 1,620,136; Mar. 8.
Transmission band. J. Mulligan. 1,619,983; Mar. 8.
Transmitting coded currents, Apparatus for. A. J. Sorensen. 1,620,169; Mar. 8.
Transport stand. E. A. White. 1,619,907; Mar. 8.
Trap: *See*—
Game trap.
Tray cover or the like, Lace. S. N. Mallouk. Des. 72,167; Mar. 8.
Trimmer with tightener take-up, Pacific coast type. C. A. Huffman. 1,620,101; Mar. 8.
Trolley wheel. L. E. Harmon. 1,620,203; Mar. 8.
Trouble-indicating system. L. M. Potts. 1,620,286; Mar. 8.
Truck elevator utilizing parallel motion. W. H. Heise. 1,620,256; Mar. 8.
Truck, Industrial. E. H. Remde. 1,620,038; Mar. 8.
Truck, Locomotive or car. A. F. Batchelder. 1,620,425; Mar. 8.
Tube-cutting machine. E. M. Hawkins. 1,619,975; Mar. 8.
Tubes, Apparatus for the manufacture of rubber or the like. J. Dalglish. 1,620,521; Mar. 8.
Tubing, Apparatus for elevating and lowering oil-well. A. E. Carlson. 1,620,190; Mar. 8.
Turbines, Governing mechanism for elastic fluid. W. L. R. Emmet. 1,620,528; Mar. 8.
Turntable. K. Mayer. 1,620,273; Mar. 8.
Tuyère structure. R. L. Beers. 1,620,056; Mar. 8.
Tuyère structure, Side. R. L. Beers. 1,620,057; Mar. 8.
Typewriting machine. G. K. Block. 1,620,004; Mar. 8.
Typewriting machines, Paper guide for. V. Gage. 1,619,858; Mar. 8.
Underreamer. C. T. Mapes. 1,619,984; Mar. 8.
Universal joint. L. Harper. 1,620,540; Mar. 8.
Unwinding device. J. D. Joyce. 1,620,558; Mar. 8.
Urn, Electric. A. H. Simmons. 1,620,495; Mar. 8.
Urn or similar article, Beverage. S. Kurilloff. Des. 72,156; Mar. 8.
Valve. W. E. Baker. 1,620,315; Mar. 8.
Valve. L. C. Huff. 1,619,937; Mar. 8.
Valve. J. F. Key. 1,620,108; Mar. 8.
Valve, Automatic relief. L. W. Browne. 1,620,321; Mar. 8.
Valve, Automatic self-closing. O. A. Price. 1,620,131; Mar. 8.
Valve, Compressor. E. R. De Luiz. 1,620,524; Mar. 8.
Valve-operating mechanism. G. E. A. Hallett. 1,619,974; Mar. 8.
Valve-spring compressor. R. J. Kirkpatrick. 1,619,870; Mar. 8.
Valve, Pressure and vacuum control. L. W. Browne. 1,620,322; Mar. 8.
Valve, Water relief. H. A. Thrush. 1,620,582; Mar. 8.
Valve within body of fixture, Shut-off. L. Bloch. 1,620,186; Mar. 8.
Valves, Making two-piece. W. H. Washburne. 1,619,901; Mar. 8.
Vanity case. E. R. Barany. 1,620,002; Mar. 8.
Vanity case. C. N. Coryell. 1,620,251; Mar. 8.
Vanity case. F. A. Fairbairn. 1,620,088; Mar. 8.
Vapor burner. T. Nagel. 1,620,123; Mar. 8.
Vaporizing and burning liquid fuel, Device for. M. M. Gillam. 1,619,859; Mar. 8.
Vehicle body. P. R. Schnable. 1,620,494; Mar. 8.
Vehicle brake. N. A. Christensen. 1,620,073; Mar. 8.
Vehicle brake. W. T. Norton, jr. 1,620,485; Mar. 8.
Vehicle brake mechanism. N. A. Christensen. 1,619,970; Mar. 8.
Vehicle, Child's. E. M. Mayer. 1,620,563; Mar. 8.
Vehicle door construction. A. L. Lambert. 1,620,614-15; Mar. 8.
Vehicle fender. G. F. Egan. 1,620,196; Mar. 8.
Vehicle, Motor. W. P. Kennedy. 1,619,941; Mar. 8.
Vehicle, Motor. K. Klein. 1,619,823; Mar. 8.
Vehicle signal. N. H. Nelson. Des. 72,183; Mar. 8.
Vehicle signaling window. R. D. Parker. 1,620,166; Mar. 8.
Vehicle spring snubber. J. W. Barnes. 1,620,424; Mar. 8.
Vehicle springs, Machine for making lubricating means for. R. White. 1,619,838; Mar. 8.
Vehicle wheel. F. W. Baker. 1,619,802; Mar. 8.
Vehicle wheels, Traction device for. L. Guerrini. 1,620,460; Mar. 8.
Vehicles, Brake-applying mechanism for motor. H. V. Ludwick. 1,620,265; Mar. 8.
Vehicles, Braking engine-driven. L. G. Hoxton. 1,620,100; Mar. 8.
Vehicles, Device for preventing abnormal flexure of the springs of motor. G. Fornaca. 1,620,093; Mar. 8.
Vehicles, Direction signal for motor. C. B. Mitchell. 1,620,379; Mar. 8.
Vehicles, Elastic axle for motor. E. Bugatti. 1,620,323; Mar. 8.
Vehicles, Fuel-feed system for motor. R. F. Bracke. 1,619,809; Mar. 8.
Vehicles, Suction-operated circuit closer for motor. P. Schindler. 1,620,493; Mar. 8.
Vehicles, Transmission lock for motor. E. A. De Waters. 1,619,972; Mar. 8.
Velocimeter. W. C. Palmer. 1,620,224; Mar. 8.
Ventilator. J. H. Bourgon. 1,620,512; Mar. 8.
Vibratory screen. W. F. Schadel. 1,620,575; Mar. 8.
Voltage-regulating system, Transformer-. P. M. Currier. 1,620,619; Mar. 8.
Vulcanizer. P. F. M. A. Fontana. 1,620,597; Mar. 8.
Wall-board-retaining member. J. Strand. 1,619,994; Mar. 8.
Wall construction, Stoker-side-. H. E. Preston. 1,620,488; Mar. 8.
Wall plate, Lighting fixture. F. H. Trimble. Des. 72,196; Mar. 8.
Washbench. J. R. Wiarda. 1,620,418; Mar. 8.
Washer: *See*—
Can washer.
Washing, cleaning, waxing, and polishing sheet material, Machine for. J. Flockhart. 1,619,925; Mar. 8.
Watchcase. W. Huber. 1,619,822; Mar. 8.
Water-closet. G. R. Bell. 1,620,429; Mar. 8.
Water heater, Electric. G. N. Madsen. 1,620,117; Mar. 8.
Wave and tide motor. N. Hoshafian. 1,620,258; Mar. 8.
Wax-applying tool. H. L. Gibson. 1,619,817; Mar. 8.
Weather strip and guide. F. W. and O. W. Brazell. 1,619,915; Mar. 8.
Weeding machine. A. Christensen and A. W. Warsen. 1,620,594; Mar. 8.
Weir, Adjustable. F. A. and J. A. Milliff. 1,620,164; Mar. 8.
Welded beam. C. Schenck. 1,620,293; Mar. 8.
Welded structure and making same. G. O. Carter. 1,620,324; Mar. 8.
Welding and the like, Electric. L. H. Hoffer. 1,620,206; Mar. 8.
Welding electrode, Guide and conductor for. H. D. Morton. 1,620,220; Mar. 8.
Welding machine, Automatic electric. J. W. Meadowcroft. 1,620,274; Mar. 8.
Wheel: *See*—
Disk wheel. Trolley wheel.
Power wheel. Vehicle wheel.
Wheel puller. B. D. Jerabek. 1,620,211; Mar. 8.
Winding machine. J. O. McKean. 1,620,267; Mar. 8.
Winding machine. W. M. Stocker. 1,620,044; Mar. 8.
Winding machines, Yarn tension for. A. E. Rhoades and A. S. Johnson. 1,620,571; Mar. 8.
Winding means. J. A. Cameron. 1,620,007; Mar. 8.
Windmill. C. Turner. 1,620,145; Mar. 8.
Window-channel strip. H. Faurot. 1,619,923; Mar. 8.
Window-glass shawls, Flattening. H. L. Halbach and J. A. Sweet. 1,620,017; Mar. 8.
Window or door construction, Casement. E. J. Emig. 1,620,526; Mar. 8.
Windows, Roller-blind support for casement. O. F. C. Ewart and A. Ewart. 1,620,596; Mar. 8.
Windshield cleaner. L. Ruckel. 1,619,885; Mar. 8.
Wire articles, Corrugated-. R. P. Southcomb. 1,620,403; Mar. 8.
Wood and solutions therefor, Preserving. L. P. Curtin. 1,620,152; Mar. 8.
Wrench: *See*—
Pipe wrench.
X-ray machine. M. B. Adrian. 1,619,962; Mar. 8.

CLASSIFICATION OF PATENTS

ISSUED MARCH 8, 1927.

NOTE.—First number=class, second number=subclass, third number=patent number.

1— 5: 1,620,200
33: 1,620,140
2— 27: 1,619,874
41: 1,620,264
42: 1,620,335
74: 1,620,140
123: 1,620,310
127: 1,620,477
163: 1,620,434
240: 1,620,160
245: 1,620,216
4— 73: 1,620,429
5— 34: 1,620,095
80: 1,620,208
118: 1,620,346
1,620,433
184: 1,620,404
7— 15: 1,620,262
8— 20: 1,620,419
9— 17: 1,620,421
12— 25: 1,620,027
147: 1,620,344
14— 42: 1,620,284
15— 7: 1,619,814
14: 1,620,390
45: 1,620,297
48: 1,620,358
97: 1,620,591
120: 1,620,028
142: 1,619,899
147: 1,620,330
206: 1,620,008
255: 1,619,885
16— 84: 1,620,109
172: 1,620,189
17— 23: 1,620,035
18— 17: 1,620,388
18: 1,620,567
43: 1,620,521
45: 1,620,435
50: 1,619,938
54: 1,620,233
56: 1,620,554
19— 4: 1,620,303
116: 1,620,031
120: 1,620,325
130: 1,619,986
132: 1,619,985
20— 53: 1,620,526
69: 1,619,915
92: 1,619,836
22— 1: 1,620,172
13: 1,620,227
41: 1,620,406
56: 1,620,050
65: 1,620,427
133: 1,620,128
139: 1,620,010
200: 1,620,011
23— 30: 1,620,212
151: 1,620,365
24— 5: 1,619,888
19: 1,619,841
21: 1,619,803
57: 1,620,553
72.5: 1,619,853
73: 1,620,228
1,620,372
114.5: 1,620,029
134: 1,619,846
191: 1,620,157
249: 1,620,100
25— 131: 1,619,933
1,620,514
157: 1,620,022
26— 122: 1,619,894
27— 6: 1,620,544
28— 4: 1,620,307
29— 11: 1,620,025
1,620,608
27: 1,620,522
85: 1,620,084
1,620,211
86.3: 1,619,870
148.4: 1,620,422
153: 1,620,616
156.7: 1,619,901
30— 9: 1,620,133
12: 1,620,389
13: 1,620,225
1,620,226
14: 1,620,572
22: 1,619,878
32— 7: 1,620,599
33— 52: 1,620,364
80: 1,620,311
133: 1,619,935
178: 1,619,834
220: 1,620,380
34— 18: 1,619,968
21: 1,620,351
26: 1,620,199
1,620,577
34: 1,620,289
35— 2: 1,619,849
36— 2: 1,619,934
12: 1,620,612
35: 1,620,018
72: 1,620,401
73: 1,620,413
37— 67: 1,619,850
98: 1,620,250
101: 1,619,875
142: 1,620,132
39— 74: 1,619,819
40— 17: 1,619,827
20: 1,620,158
37: 1,619,987
65: 1,620,450
86: 1,620,077
130: 1,620,472
1,620,473
132: 1,620,396
140: 1,620,386
147: 1,620,533
41— 2.4: 1,620,046
4: 1,619,930
26: 1,620,604
28: 1,620,436
39: 1,620,497
40: 1,620,589
56: 1,620,617
88: 1,620,182
134: 1,620,461
42— 52: 1,620,352
46— 14: 1,620,560
35: 1,620,574
37: 1,620,036
1,620,053
1,620,331
40: 1,619,824
1,620,069
48— 180: 1,620,410
184: 1,619,948
49— 1: 1,620,014
18: 1,620,292
55: 1,620,207
78.1: 1,620,511
83.1: 1,620,308
84: 1,620,017
51— 78: 1,620,459
195: 1,619,961
214: 1,619,833
264: 1,620,021
53— 3: 1,619,967
1,620,495
55— 83: 1,619,857
1,620,066
108: 1,620,019
145: 1,619,851
148: 1,619,856
58— 83: 1,619,943
88: 1,619,822
59— 1: 1,619,837
82: 1,620,048
60— 41: 1,620,565
61— 16: 1,620,089
62: 1,620,137
62— 13: 1,620,494
57: 1,620,177
95: 1,619,864
159: 1,620,579
63— 29: 1,620,252
64— 4: 1,620,214
64— 4: 1,620,267
91: 1,620,285
1,620,549
96: 1,620,592
66— 117: 1,620,550
67— 50: 1,620,123
68— 3: 1,620,590
9: 1,620,248
1,620,366
35: 1,620,418
37: 1,620,144
70— 2: 1,620,171
14: 1,619,881
123: 1,620,051
126: 1,619,972
72— 46: 1,619,947
66: 1,620,139
118: 1,619,994
73— 31: 1,620,540
44: 1,619,886
54: 1,619,828
1,619,910
62: 1,620,610
98: 1,620,151
107: 1,620,482
74— 5: 1,620,009
7: 1,620,102
14: 1,620,445
1,620,575
26: 1,619,813
32: 1,620,613
33: 1,620,223
34: R.16,568
1,619,876
39: 1,619,955
1,619,980
1,620,230
1,620,467
41: 1,619,903
58: 1,620,064
79: 1,620,237
99: 1,620,246
109: 1,619,993
113: 1,620,141
121: 1,620,271
75— 1: 1,620,081
1,620,082
76— 40: 1,620,165
105: 1,619,872
77— 58: 1,620,536
62: 1,620,343
75.5: 1,619,855
78— 29: 1,620,525
36: 1,620,201
99: 1,619,971
80— 16: 1,619,997
47: 1,620,032
51: 1,620,566
54: 1,620,476
81— 3.2: 1,620,272
64: 1,620,170
106: 1,620,016
82— 2: 1,619,832
83— 9: 1,620,276
53: 1,620,078
73: 1,620,287
93: 1,619,807
84— 385: 1,620,564
85— 20: 1,619,944
28: 1,620,193
87— 5: 1,620,409
9: 1,619,964
88— 16.4: 1,619,949
24: 1,620,338
41: 1,620,569
57: 1,620,337
1,620,339
89— 35: 1,620,408
40: 1,619,843
91— 39: 1,619,925
92— 38: 1,620,037
93— 1: 1,620,239
7: 1,620,282
58: 1,620,299
94— 1.5: 1,620,087
8: 1,620,501
95— 11: 1,620,304
95— 73: 1,620,336
76: R.16,567
96— 13: 1,619,844
97— 38: 1,620,594
47: 1,620,099
137: 1,620,085
140: 1,620,441
147: 1,619,862
212: 1,620,510
98— 2: 1,620,512
99— 10: 1,620,458
11: 1,619,826
100— 47: 1,620,567
57: 1,619,959
101— 96: 1,620,068
159: 1,619,820
240: 1,620,542
344: 1,619,805
401.2: 1,620,042
102— 18: 1,619,867
20: 1,620,561
29: 1,620,475
103— 11: 1,620,210
26: 1,620,005
128: 1,620,261
155: 1,619,950
158: 1,620,065
179: 1,620,222
1,620,347
221: 1,620,173
225: 1,620,416
104— 36: 1,620,273
105— 37: 1,620,423
1,620,586
175: 1,620,342
82: 1,620,491
1,620,492
139: 1,620,425
219: 1,620,498
286: 1,620,023
308: 1,620,097
355: 1,619,920
369: 1,619,905
384: 1,619,958
106— 18: 1,620,091
34: 1,620,067
107— 9: 1,620,559
19: 1,619,914
21: 1,620,546
161: 1,620,463
162: 1,619,847
187: 1,620,195
110— 40: 1,620,270
44: 1,620,056
1,620,057
1,620,509
75: 1,620,488
141— 7: 1,619,973
82: 1,620,215
101: 1,620,191
112— 127: 1,620,378
239: 1,620,249
113— 26: 1,620,205
112: 1,620,324
114— 66.5: 1,620,349
115— 42: 1,620,129
116— 36: 1,620,147
48: 1,620,576
120— 18: 1,619,927
47: 1,620,345
84: 1,620,236
103: 1,619,801
108: 1,620,529
121— 41: 1,620,513
42: 1,620,527
122— 20: 1,620,353
182: 1,619,889
123— 25: 1,619,830
1,619,871
32: 1,620,124
33: 1,619,825
123— 33: 1,620,355
90: 1,619,974
1,620,446
122: 1,620,080
143: 1,619,991
169: 1,619,969
1,620,341
171: 1,619,965
173: 1,619,903
196: 1,619,978
125— 14: 1,620,466
18: 1,620,454
20: 1,620,255
126— 113: 1,620,373
121: 1,620,235
168: 1,619,842
252: 1,620,329
287: 1,620,426
355: 1,620,539
129— 1: 1,620,104
1,620,105
12: 1,619,890
16: 1,620,547
23: 1,620,103
131— 12: 1,620,420
1,620,438
51: 1,620,302
132— 41: 1,620,543
49: 1,620,400
82: 1,620,002
83: 1,620,088
1,620,251
134— 78.6: 1,620,152
175: 1,620,342
137— 13: 1,620,161
21: 1,620,164
53: 1,620,321
1,620,582
72: 1,620,452
90: 1,620,114
99: 1,620,154
104: 1,620,503
139: 1,620,131
183: 1,620,322
156: 1,619,866
139— 57: 1,619,990
74: 1,620,176
113: 1,620,175
161: 1,620,463
162: 1,619,847
187: 1,620,195
196: 1,620,234
270: 1,620,601
346: 1,620,194
391: 1,620,340
141— 7: 1,619,973
1,620,116
143— 1: 1,620,370
68: 1,620,374
144— 106: 1,620,371
279: 1,619,989
1,620,570
146— 3: 1,620,551
210: 1,620,138
148— 26: 1,619,852
150— 1: 1,620,581
34: 1,619,893
52: 1,620,072
152— 10: 1,619,812
14: 1,620,076
1,620,384
1,620,517
18: 1,620,054
20: 1,619,868
45: 1,620,136
153— 1: 1,619,873
40: 1,619,951
1,620,041
48: 1,620,260
154— 1: 1,619,838
2: 1,620,538
10: 1,620,499
11: 1,620,092
48: 1,620,162
155— 7: 1,619,918
122: 1,620,448
155— 179: 1,619,916
156— 10: 1,619,945
15: 1,620,045
1,620,500
23: 1,620,515
1,620,596
25: 1,620,159
475: 1,620,055
157— 1: 1,620,470
158— 28: 1,620,111
36.1: 1,619,809
46.5: 1,620,471
53: 1,619,910
56: 1,619,859
66: 1,619,998
83: 1,620,095
112: 1,620,071
119: 1,620,240
161— 6: 1,620,455
15: 1,620,098
164— 47: 1,620,354
60: 1,619,975
79: 1,619,940
166— 5: 1,620,412
167— 3: 1,619,861
1,620,360
6: 1,620,074
1,620,208
1,620,229
1,620,490
1,620,587
9: 1,620,269
169— 2: 1,619,957
170— 37: 1,620,145
171— 34: 1,620,505
97: 1,619,860
1,620,187
119: 1,620,465
1,620,619
209: 1,619,926
229: 1,620,504
252: 1,620,060
1,620,608
309: 1,620,126
327: 1,619,854
172— 233: 1,620,119
274: 1,620,395
173— 13: 1,620,552
28: 1,620,392
367: 1,620,562
175— 41.5: 1,620,020
1,620,244
115: 1,620,489
294: 1,620,556
338: 1,620,555
361: 1,620,437
363: 1,620,506
176— 1: 1,620,397
3: 1,620,447
1,620,523
39: 1,620,487
177— 328: 1,620,049
329: 1,620,402
351: 1,620,405
358: 1,620,107
178— 2: 1,619,897
1,620,359
44: 1,619,891
179— 18: 1,620,090
27: 1,620,012
1,620,113
100.1: 1,620,122
1,620,481
114: 1,620,263
146: 1,619,981
171: 1,619,911
1,620,609
175: 1,620,286
180— 83: 1,619,823
181— 32: 1,620,367
183— 2.7: 1,620,096
44: 1,619,954
45: 1,620,155
74: 1,620,266
83: 1,620,241
115: 1,619,909
1,620,192

184— 1: 1,620,150
3: 1,620,578
13: 1,620,381
15: 1,620,135
45: 1,620,557
55: 1,620,121
76: 1,620,253
185— 41: 1,620,484
187— 1: 1,620,305
11: 1,620,038
188— 4: 1,619,845
10: 1,620,265
52: 1,620,508
78: 1,620,485
88: 1,620,112
91: 1,620,100
130: 1,619,815
152: 1,619,970
1,620,073
1,620,115
172: 1,620,033
194: 1,619,806
1,619,810
196: 1,619,983
204: 1,619,912
1,620,221
250: 1,620,030
189— 35: 1,620,130
37: 1,620,293
1,620,362
46: 1,620,451
76: 1,619,811
77: 1,620,300
191— 22: 1,620,496
29: 1,620,428
63: 1,620,203
192— 68: 1,619,884
71: 1,619,892
107: 1,620,043
145: 1,620,001
193— 42: 1,619,908
196— 15: 1,619,869
48: 1,619,921
54: 1,620,075
61: 1,619,896
110: 1,619,977
112: 1,619,922
117: 1,619,929
139: 1,620,163
197— 60: 1,620,004
197— 127: 1,619,858
198— 19: 1,620,120
92: 1,620,531
146: 1,620,268
195: 1,620,168
232: 1,620,532
200— 10: 1,619,960
30: 1,619,932
35: 1,619,877
78: 1,620,167
82: 1,620,127
83: 1,620,493
87: 1,620,456
1,620,483
118: 1,620,518
138: 1,620,184
1,620,185
142: 1,620,062
201— 56: 1,620,573
204— 1: 1,619,835
5: 1,620,052
17: 1,620,580
64: 1,619,829
206— 44: 1,620,197
46: 1,619,946
207— 9: 1,620,534
208— 114: 1,620,563
167: 1,620,232
209— 124: 1,619,906
125: 1,620,217
285: 1,620,439
368: 1,620,213
467: 1,620,243
502: 1,620,242
210— 23: 1,620,332
1,620,333
70: 1,620,568
141: 1,620,431
149: 1,620,083
211— 8: 1,619,883
1,619,999
1,620,178
14: 1,619,818
1,619,900
1,620,313
16: 1,620,417
17: 1,620,407
24: 1,620,148
1,620,478
38: 1,620,298
213— 88: 1,620,535
180: 1,620,350
214— 6: 1,619,804
16.1: 1,619,966
35: 1,620,039
75: 1,620,256
84: 1,619,907
216— 58: 1,619,840
217— 5: 1,619,917
25: 1,620,541
218— 6: 1,620,468
219— 1: 1,620,519
4: 1,620,206
1,620,274
8: 1,620,219
1,620,230
19: 1,619,817
1,620,537
32: 1,620,327
1,620,548
35: 1,620,602
38: 1,619,865
39: 1,620,117
45: 1,620,432
47: 1,620,296
220— 6: 1,620,585
19: 1,620,143
1,620,403
82: 1,620,156
85: 1,620,411
97: 1,620,059
221— 23: 1,620,024
1,620,294
52: 1,620,395
60: 1,620,316
67: 1,620,280
120: 1,620,320
138: 1,620,283
223— 19: 1,619,939
62: 1,619,902
224— 5: 1,619,880
29: 1,620,218
226— 14: 1,620,058
15: 1,619,839
228— 42: 1,620,309
60: 1,620,254
229— 3.5: 1,620,174
62: 1,619,887
230— 1: 1,620,259
9: 1,620,457
230— 13: 1,619,808
33: 1,620,394
34: 1,620,524
232— 25: 1,620,474
34: 1,620,314
41: 1,620,079
234— 1: 1,620,224
235— 91: 1,620,040
236— 7: 1,620,183
12: 1,620,238
59: 1,619,898
99: 1,619,931
238— 9: 1,619,924
14: 1,620,377
57: 1,620,181
235: 1,620,502
329: 1,620,275
330: 1,619,902
240— 8, 16: 1,620,328
44: 1,620,202
45: 1,620,336
61: 1,619,906
1,620,196
62: 1,620,291
73: 1,620,306
242— 65: 1,620,044
66: 1,620,007
68: 1,620,279
71: 1,619,952
151: 1,620,571
156: 1,620,558
244— 2: 1,620,368
3: 1,620,462
1,620,507
6: 1,620,449
20: 1,620,618
246— 34: 1,619,928
1,620,169
41: 1,620,015
63: 1,620,188
251: 1,620,443
278: 1,620,326
293: 1,620,026
1,620,600
488: 1,620,376
247— 9: 1,620,047
21: 1,620,063
248— 8: 1,619,976
25: 1,620,516
248— 41: 1,620,288
250— 17: 1,619,882
1,620,204
33: 1,620,231
34: 1,619,962
36: 1,620,318
251— 18: 1,619,956
77: 1,619,937
134: 1,620,108
253— 11: 1,620,258
254— 80: 1,619,942
164: 1,620,363
255— 75: 1,619,984
256— 14: 1,620,348
257— 207: 1,620,453
259— 101: 1,620,317
260— 116: 1,620,180
130: 1,619,953
261— 114: 1,620,593
263— 2: 1,620,179
264— 13: 1,620,034
265— 42: 1,620,442
45: 1,620,393
48: 1,620,125
66: 1,620,000
267— 10: 1,620,424
20: 1,620,070
50: 1,620,301
66: 1,620,008
268— 2: 1,619,962
56: 1,620,430
74: 1,619,816
270— 81: 1,620,444
271— 45: 1,619,848
272— 44: R. 16,569
71: 1,620,146
76: 1,620,508
273— 62: 1,620,290
65: 1,620,245
70: 1,620,545
79: 1,620,588
80: 1,620,118
82: 1,620,310
102: 1,619,988
103: 1,620,399
126: 1,620,375
274— 2: 1,620,257
38: 1,619,863
277— 26: 1,620,315
41: 1,620,464
277— 62: 1,620,186
278— 96: 1,620,387
279— 60: 1,620,440
280— 6: 1,620,247
33.1: 1,619,941
40: 1,620,281
44: 1,619,904
112: 1,620,323
285— 38: 1,620,415
93: 1,620,094
290— 52: 1,620,528
292— 67: 1,620,391
101: 1,620,414
145: 1,619,913
216: 1,620,134
226: 1,619,831
228: 1,620,611
293— 37: 1,620,196
41: 1,620,106
55: 1,620,334
1,620,357
294— 49: 1,620,480
102: 1,620,382
1,620,383
1,620,486
296— 44: 1,620,166
1,620,614
1,620,615
44.5: 1,619,923
95: 1,619,879
139: 1,620,003
140: 1,619,996
299— 50: 1,620,583
58: 1,620,142
120: 1,620,209
301— 63: 1,620,398
64: 1,619,802
122: 1,620,369
303— 35: 1,619,979
80: 1,619,821
304— 5: 1,620,061
305— 13: 1,620,460
308— 35: 1,619,995
71: 1,620,101
83: 1,620,520
88: 1,620,479
120: 1,620,277
1,620,278
165: 1,620,584
242: 1,620,530

Mar. 15, 1927

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Abbotts Alderney Dairies, Inc., doing business as Milter Laboratories Inc., Philadelphia, Pa. Modified or dehydrated milk in powder form. 225,232; Mar. 15; Serial No. 238,828; published Dec. 28, 1926.

Acme-Evans Company. (See Acme Milling Company, assignor.)

Acme Milling Company, assignor to Acme-Evans Company, Indianapolis, Ind. Wheat flour. 62,740; renewed May 21, 1927.

Ajax Truck Ltd., Manchester, England. Hand trucks. 225,353; Mar. 15; Serial No. 239,690; published Dec. 28, 1926.

Alberta Candy Co. Inc., San Francisco, Calif. Candy. 225,179; Mar. 15; Serial No. 236,901; published Jan. 4, 1927.

Alder, Robert, Company, Inc., New York, N. Y. Embroideries, cotton, silk, laces, and rayon, all in the piece. 225,194; Mar. 15; Serial No. 235,907; published Dec. 28, 1926.

Allen, Joseph, & Sons Limited, Sheffield, England. Cutlery. 59,672; renewed Jan. 15, 1927.

Allied Golf Company, Chicago, Ill. Golf bags. 225,400–1; Mar. 15; Serial Nos. 237,582–3; published Jan. 4, 1927.

Aluminum Goods Manufacturing Co., Manitowoc, Wis. Aluminum ware. 225,359; Mar. 15; Serial No. 239,556; published Jan. 4, 1927.

American Bakers' Publishing Company, New York, N. Y. Publication issued weekly. 225,146; Mar. 15; Serial No. 239,957; published Dec. 28, 1926.

American Beslin Corporation, New York, N. Y. Medicinal preparation for antiseptic and germicidal application. 225,152; Mar. 15; Serial No. 239,873; published Dec. 28, 1926.

American Cellulose & Chemical Manufacturing Company, Ltd., The, New York, N. Y. Knitted, netted, and textile fabrics. 225,285; Mar. 15; Serial No. 239,350; published Dec. 28, 1926.

American Cellulose & Chemical Manufacturing Company, Ltd., The, New York, N. Y. Knitted, netted, and textile fabrics. 225,286; Mar. 15; Serial No. 239,348; published Dec. 28, 1926.

American Fruita Publishing Co., Inc., Rochester, N. Y. Monthly magazine. 225,147; Mar. 15; Serial No. 239,913; published Dec. 28, 1926.

American Motor Body Company. (See Hale and Kilburn Manufacturing Company, The, assignor.)

American Wringer Company, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Clothes wringers, mangles, and driers. 63,951; renewed July 16, 1927.

Aqua Oil Service Inc., New York, N. Y. Hydraulic apparatus for dispensing gasoline and oils. 225,300; Mar. 15; Serial No. 239,078; published Dec. 28, 1926.

Arcadia Pharmacal Company. (See Ganbarg, Leo.)

Architects' Small House Service Bureau of the United States, Inc., The, Minneapolis, Minn.; New York, N. Y.; Denver, Colo.; Indianapolis, Ind.; Milwaukee, Wis.; Seattle, Wash.; Pittsburgh, Pa.; and St. Louis, Mo. Architects' building plans and specifications. 225,337; Mar. 15; Serial No. 238,100; published Jan. 4, 1927.

Atlas Electric Devices Co., Chicago, Ill. Electric-arc lamps. 225,422; Mar. 15; Serial No. 226,089; published Dec. 28, 1026.

Bagots, Hutton & Company. (See Kinahan & Company Limited, assignor.)

Bancroft, Harold S., Co. Inc., Orange, N. J. Lubricating oils and greases. 225,141; Mar. 15; Serial No. 240,056; published Dec. 28, 1926.

Barker, Mary S., assignor to James A. McCormack, New York, N. Y. Hair tonic. 62,447; renewed May 7, 1927.

Barnes Company. (See Young, Albert B.)

Bassett Metal Goods Company, Inc., The, Shelton, Conn. Suitcase and trunk hardware, not including locks. 225,393; Mar. 15; Serial No. 237,108; published Jan. 4, 1927.

Bates Manufacturing Company, The, Orange, N. J. Ink and inking pads. 225,246; Mar. 15; Serial No. 240,396; published Jan. 4, 1927.

Bayer Company, Inc., The, New York, N. Y. Insecticides, fungicides, economic poisons, etc. 225,427; Mar. 15; Serial No. 239,695; published Dec. 28, 1926.

Beacon Oil Company, Boston, Mass. Gasoline. 225,304; Mar. 15; Serial No. 239,013; published Dec. 28, 1926.

Behrens, Lee, & Co., Inc., New York, N. Y. Cretonne, printed linen, damask, and velvets in the piece, etc. 225,341; Mar. 15; Serial No. 237,913; published Dec. 28, 1926.

Bergene, Alf, doing business as A. Bergene, Oslo, Norway. Dry sweetmeats, chocolate, cocoa, candy, and sugar plums. 225,180; Mar. 15; Serial No. 236,864; published Dec. 28, 1926.

Berry Brothers, Limited, Detroit, Mich., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Varnish. 62,060; renewed Apr. 16, 1927.

Bing Mfg. Co., Inc., New Orleans, La. Insecticides. 225,312; Mar. 15; Serial No. 231,137; published Jan. 4, 1927.

Blichert, F. A., Mfg. Co., The, Chicago, Ill. Shoe cleaner. 225,303; Mar. 15; Serial No. 239,019; published Dec. 28, 1926.

Blood Balm Company, Atlanta, Ga., assignor to C. F. Simmons Medicine Company, Inc., New York, N. Y. Remedy for blood diseases. 62,679–80; renewed May 21, 1927.

Bock, Isadore H., Long Island City, N. Y. Cough medicine. 225,196; Mar. 15; Serial No. 235,681; published Dec. 28, 1926.

Borgfeldt, Geo., & Co., New York, N. Y. Dolls. 225,241–2; Mar. 15; Serial Nos. 240,523–4; published Jan. 4, 1927.

Bosch, Robert, New York, Inc., New York, N. Y., assignor to American Bosch Magneto Corporation, Springfield, Mass. Magnetos. 61,176; renewed Mar. 5, 1927.

Bosodo Laboratories. (See Pickard, Charles O.)

Briganti, Umberto, Recco and Genova, Italy. Medicinal liquor for exciting the appetite and aiding digestion. 225,308; Mar. 15; Serial No. 234,190; published Dec. 28, 1926.

Broad Gauge Manufacturing Co., The, Memphis, assignor to Washington Manufacturing Co., Nashville, Tenn. Work shirts. 225,278; Mar. 15; Serial No. 223,018; published Dec. 28, 1926.

Brooklyn Daily Eagle, The, Brooklyn, N. Y. Printed books, pamphlets, posters, lithographs, and engravings. 63,891; renewed July 16, 1927.

Brooklyn Daily Eagle, The, Brooklyn, N. Y. Periodical. 63,892; renewed July 16, 1927.

Brooklyn Daily Eagle, The, Brooklyn, N. Y. Newspapers. 63,893; renewed July 16, 1927.

Brooks Engineering Corporation, Los Angeles, Calif. Oil-tank fittings and accessories. 225,396; Mar. 15; Serial No. 237,310; published Dec. 28, 1926.

Brown, Charles, & Company, Inc., New York, N. Y. Voile. 225,225; Mar. 15; Serial No. 238,635; published Dec. 28, 1926.

Browne, Stewart R., Mfg. Co., Inc., New York, N. Y. Toothed or gear wheels, sprockets, pulleys, and cams. 225,263; Mar. 15; Serial No. 233,478; published Dec. 28, 1926.

Brownbill & Kramer, Philadelphia, Pa. Hosiery. 225,164; Mar. 15; Serial No. 240,399; published Dec. 28, 1926.

Buckeye Soda Company, The, Painesville, Ohio. Washing soda. 225,151; Mar. 15; Serial No. 239,878; published Dec. 28, 1926.

Burke Golf Company, The, Newark, Ohio. Golf balls and golf clubs. 225,140; Mar. 15; Serial No. 240,061; published Jan. 4, 1927.

California Walnut Growers Association, Los Angeles, Calif. Walnuts. 225,244; Mar. 15; Serial No. 240,484; published Jan. 4, 1927.

Cannet Freres. (See Huet, L., & E. Ligier.)

Capitol Paint & Varnish Works, Inc., Brooklyn, N. Y. Ready-mixed paint. 225,213; Mar. 15; Serial No. 238,044; published Dec. 28, 1926.

Capitol Paint & Varnish Works, Inc., Brooklyn, N. Y. Ready-mixed paint. 225,214; Mar. 15; Serial No. 238,042; published Dec. 28, 1926.

Capo Company, The, Ambridge, Pa. Pile remedy. 225,397; Mar. 15; Serial No. 237,403; published Jan. 4, 1927.

Carlisle Packing Company, Seattle, Wash. Canned salmon. 225,229; Mar. 15; Serial No. 238,772; published Dec. 28, 1926.

Carlton Mills, Inc., New York, N. Y. Collars, pyjamas, nightrobes, underwear, and shirts. 225,279; Mar. 15; Serial No. 221,407; published Jan. 5, 1926.

Carryola Company of America. (See Prime Manufacturing Co., The.)

Carson Pirie Scott & Co., Chicago, Ill. Men's and boys' underwear. 225,205; Mar. 15; Serial No. 239,232; published Dec. 28, 1926.

Carson Pirie Scott & Co., Chicago, Ill. Poplin in the piece. 225,325; Mar. 15; Serial No. 201,889; published Dec. 28, 1926.

Case Brothers Cutlery Co., Little Valley, N. Y., assignor to W. R. Case & Sons Cutlery Co., Bradford, Pa. Cutlery. 64,180; renewed July 28, 1927.

Case, W. R., & Sons Cutlery Co. (See Case Brothers Cutlery Co., assignor.)

Central Ohio Paper Co., The, Columbus, Ohio. Enameled book paper and bond writing papers and envelopes. 225,167–8; Mar. 15; Serial Nos. 240,168–9; published Dec. 28, 1926.

Charter Oak Stove & Range Company. (See St. Louis Union Trust Company, assignor.)

Chem. Fabriken Kunheim & Co. A. G., Berlin, Germany. Ammonium carbonate, ammonium chloride, etc. 225,321; Mar. 15; Serial No. 232,869; published Jan. 4, 1927.

Chemical Foundation, Incorporated, The. (See Knoll & Co., assignor.)

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece. 225,248–9; Mar. 15; Serial Nos. 240,341–2; published Dec. 28, 1926.

Ches-Nut Research Chemists. (See Weisberger, Joseph.)
Christmas Club, a Corporation, New York, N. Y. Magazine. 225,139; Mar. 15; Serial No. 240,066; published Dec. 28, 1926.
Chrysler Sales Corporation, Detroit, Mich. Automobile bodies. 225,333; Mar. 15; Serial No. 237,950; published Dec. 28, 1926.
Cling-Surface Company. (See Young, Albert B., assignor.)
Colson Company, The, Elyria, Ohio. Bicycles, velocipedes, etc. 225,378; Mar. 15; Serial No. 228,302; published Jan. 4, 1927.
Colson Company, The, Elyria, Ohio. Bicycles, velocipedes, row cycles, etc. 225,413; Mar. 15; Serial No. 228,303; published Jan. 4, 1927.
Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 225,322; Mar. 15; Serial No. 233,113; published Dec. 21, 1926.
Combination Door Co., The, Fond du Lac, Wis. Combination storm and screen doors. 225,431; Mar. 15.
Comfi-tape Laboratory, Burlington, Vt. Medicated adhesive tape. 225,294; Mar. 15; Serial No. 239,236; published Jan. 4, 1927.
Conner Novelty Company, Ottumwa, Iowa. Perfume dispensers and atomizers. 225,389; Mar. 15; Serial No. 235,381; published Dec. 28, 1926.
Conover, Harvey, Chicago, Ill. Hosiery. 225,175; Mar. 15; Serial No. 239,921; published Dec. 28, 1926.
Consumers Company. (See Harms, Edward.)
Consumers Supply Co. (See Universal Food Products Co.)
Corbett, Ronald, doing business as Freby-Corbett Co., Clarion, Pa. Pharmaceutical preparations. 225,275; Mar. 15; Serial No. 225,772; published Mar. 9, 1926.
Corn Products Refining Company, New York, N. Y. Cornstarch. 63,928; renewed July 16, 1927.
Corn Products Refining Company, New York, N. Y. Vegetable oil. 225,426; Mar. 15; Serial No. 239,700; published Dec. 28, 1926.
Cosmic Laboratories. (See Rhoads, Earnest E.)
Cream City Products Co., Milwaukee, Wis. Ginger ale. 225,379; Mar. 15; Serial No. 216,755; published June 29, 1926.
Cresca Company Incorporated. (See Reiss & Brady, assignor.)
Crosby, Allin O., Yonkers, N. Y. Children's undergarments of knitted, netted, and textile fabrics. 225,170; Mar. 15; Serial No. 240,133; published Dec. 28, 1926.
Cumberland Chemical Company, Nashville, Tenn. Laxative. 225,160; Mar. 15; Serial No. 239,744; published Dec. 28, 1926.
Cutler, C. F., to C. F. Cutler & Co., Deep River, Iowa, successor. Medicines for blood diseases of horses, mules, and cattle. 61,402; renewed Mar. 19, 1927.
D. W. & C. L. (See Wuille, Dan, & Company.)
Davidson, John C., doing business as Davidson Laboratories, New York, N. Y. Cell for rectifying electric currents for use in radio B-power supply. 225,410; Mar. 15; Serial No. 237,854; published Dec. 28, 1926.
Davidson, M. T., Company, Brooklyn, N. Y. Centrifugal pumps. 225,245; Mar. 15; Serial No. 240,404; published Dec. 28, 1926.
Davis, Samuel, doing business as Krekol Pharmacal Company, Philadelphia, Pa. Cold and la grippe medicine, etc. 225,363; Mar. 15; Serial No. 224,003; published Jan. 4 1927.
Dayton Pump & Manufacturing Co., The, Dayton, Ohio. Pumps. 225,256; Mar. 15; Serial No. 235,884; published Dec. 28, 1926.
Dearborn Chemical Company, Chicago, Ill. Cloth wrapper impregnated with chemically-compounded rust inhibitors. 225,227; Mar. 15; Serial No. 238,709; published Dec. 28, 1926.
De Messimy, Vincent, Chicago, Ill. Soap. 225,336; Mar. 15; Serial No. 238,052; published Dec. 28, 1926.
Denver Ice & Cold Storage Co., Denver, Colo. Ice. 225,440; Mar. 15.
Detroit Oak Belting Company, Detroit, Mich. Leather belting. 63,828; renewed July 9, 1927.
Detroit Oak Belting Company, Detroit, Mich. Leather belting. 63,872; renewed July 9, 1927.
Detweiler & Rabb, doing business as Hamilton Dairy, Washington, D. C. Dairy products. 225,197; Mar. 15; Serial No. 236,675; published Nov. 9, 1926.
Doubleday Page & Co., Garden City, N. Y. Magazine. 225,421; Mar. 15; Serial No. 226,132; published Dec. 28, 1926.
Douglas, Ida, Covington, Tenn. Hair restorer and straightener. 225,398; Mar. 15; Serial No. 237,446; published Dec. 28, 1926.
Driver, John M., Company, Philadelphia, Pa. Paper, fiber, and cotton bags for packing, shipping, and storing merchandise. 225,423; Mar. 15; Serial No. 225,914; published Jan. 4, 1927.
Duncan, A. R., jr., Co., The, Cleveland, Ohio. Butter. 59,912; renewed Jan. 22, 1927.
Duratex Corporation, Newark, N. J. Textile rugs, carpets, and upholstery fabrics. 225,276; Mar. 15; Serial No. 224,751; published Jan. 4, 1927.
Dyestuffs & Chemicals, Inc., doing business as The Smep Company, St. Louis, Mo. Compound for treating motor fuels. 225,292; Mar. 15; Serial No. 239,296; published Dec. 28, 1926.
Eagle Pencil Company, New York, N. Y. Lead pencils. 225,280; Mar. 15; Serial No. 221,002; published Nov. 30, 1926.
Eastern Machine Screw Corporation, The, New Haven, Conn. Die heads, taps, and threading machines. 225,428; Mar. 15; Serial No. 239,976; published Jan. 18, 1927.
Eau de Cologne & Parfümerie-Fabrik. (See Mülhens, Paul P.)
Edgett-Burnham Company. (See Wayne County Preserving Company, assignor.)
Eisenberg, Joseph W., doing business as Noxall Pharmacal Co., New York, N. Y. Preparation for coughs or colds. 225,191; Mar. 15; Serial No. 236,083; published Dec. 28, 1926.
Elevator Supplies Company, Inc., Hoboken, N. J. Electrically-operated elevators, lifts, and platforms, etc. 225,340; Mar. 15; Serial No. 238,209; published Dec. 28, 1926.
Eline's Incorporated, Milwaukee, Wis. Candy. 225,218; Mar. 15; Serial No. 238,496; published Jan. 4, 1927.
Eline's Incorporated, Milwaukee, Wis. Candy. 225,219; Mar. 15; Serial No. 238,498; published Jan. 4, 1927.
Elite Styles Company, New York, N. Y. Ladies' fashion magazines. 64,028; renewed July 23, 1927.
Ely & Walker Dry Goods Company, St. Louis, Mo. Underwear of textile fabrics. 225,212; Mar. 15; Serial No. 238,170; published Dec. 28, 1926.
Enright & Brice. (See Monheimer, Isa.)
Enterprise Manufacturing Company, The, Akron, Ohio. Artificial fishing bait. 225,239; Mar. 15; Serial No. 240,601; published Jan. 4, 1927.
Eppens, Smith Company, New York, N. Y. Green coffee. 225,320; Mar. 15; Serial No. 232,552; published Jan. 4, 1927.
Face Corporation, The, Philadelphia, Pa. Boxes for candy. 225,185; Mar. 15; Serial No. 236,367; published Dec. 28, 1926.
Fairchild Bros. & Foster, New York, N. Y. Extract or preparation of the pancreas gland. 60,625; renewed Feb. 12, 1927.
Fairchild Bros. & Foster, New York, N. Y. Preparation for the modification of cows' milk. 62,065; renewed Apr. 16, 1927.
Farnell, J. K., and Company, Limited, Acton, London, and Acton Hill, London, England. Toys. 225,365; Mar. 15; Serial No. 223,433; published Jan. 4, 1927.
Federal Sweets & Wafer Co., Inc., New York, N. Y. Chocolate-covered candy bars. 225,238; Mar. 15; Serial No. 240,649; published Jan. 4, 1927.
Fenole Chemical Company. (See Powell, Wylie, R.)
Ferris, Frederick, London, England. Phonographs. 225,326; Mar. 15; Serial No. 204,092; published Dec. 28, 1926.
Fleming, James W., doing business as Haro-Kold Chemical Co., New Haven, Conn. Throat and nasal cream. 225,411; Mar. 15; Serial No. 237,856; published Dec. 28, 1926.
Floyd, Paramount, Inc., The, Newark, N. J. Candy. 225,362; Mar. 15; Serial No. 224,282; published Jan. 4, 1927.
Follansbee Brothers Company, Pittsburgh, Pa. Tin and terne plates. 60,957; renewed Feb. 26, 1927.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 225,183; Mar. 15; Serial No. 236,681; published Dec. 28, 1926.
Foster-McClellan Company, Buffalo, N. Y. Ointments. 63,779; renewed July 9, 1927.
Freshy-Corbett Co. (See Corbett, Ronald.)
Furgurson, George H., doing business as J. S. Company, East Durham, N. C. Salve, hairdressing, liquid shampoo, etc. 225,236; Mar. 15; Serial No. 238,963; published Jan. 4, 1927.
Ganbarg, Leo, doing business as Arcadia Pharmacal Company, New York, N. Y. Pharmaceutical preparations. 225,384; Mar. 15; Serial No. 239,406; published Dec. 28, 1926.
Gannett, W. H., Incorporated, Augusta, Me. Magazine. 225,230; Mar. 15; Serial No. 238,782; published Dec. 28, 1926.
Gardner, Joseph A., doing business as Sa-So Chemical Company, Memphis, Tenn. Tooth paste, tooth powder, etc. 225,190; Mar. 15; Serial No. 236,164; published Dec. 28, 1926.
Gasnli Co. The. (See Nielson, H. P.)
Gebris, Peter S., Brooklyn, N. Y. Medical pharmaceutical preparations. 225,335; Mar. 15; Serial No. 238,016; published Dec. 28, 1926.
Geiser, Emile. (See Robert, Charles, assignor.)
General Stamping Company, Springfield, Mass. Automobile radiator shields. 225,443; Mar. 15.
Generaldirektion der Osterr. Tabak-Regie, Vienna, Austria. Cigars, cigarettes, smoking tobacco, and snuff. 225,260; Mar. 15; Serial No. 234,777; published Jan. 4, 1927.
Geyer, André, Paris, France. Metal alloy. 225,304; Mar. 15; Serial No. 237,163; published Dec. 28, 1926.
Gibbs Manufacturing Co., The, Canton, Ohio. Embroidery hoops. 60,549–52; renewed Feb. 12, 1927.
Gilbert Bran-O-Lax Co. Inc., Lynchburg, Va. Laxative tablets. 225,435; Mar. 15.
Glemby's, S., Sons Co., Inc., New York, N. Y. Hair nets. 225,158; Mar. 15; Serial No. 239,804; published Dec. 28, 1926.
Godde, Albert, Bedin, Inc., New York, N. Y. Silk piece goods. 225,442; Mar. 15.

Goldmark, Adolph, & Sons Corp. (See Rosenstein Brothers Inc., assignor.)
Goldstein, Alfred D., doing business as The Stomatape Products Co., New York, N. Y. Compound for sustained oral (mouth) medication. 225,130; Mar. 15; Serial No. 240,187; published Jan. 4, 1927.
Goodloe, Meade, Los Angeles, Calif. Gauge glasses. 225,154; Mar. 15; Serial No. 239,851; published Dec. 28, 1926.
Gordon Candy Company, Omaha, Nebr. Candy. 225,487; Mar. 15.
Grand Pop Bottling Company, The, Cincinnati, Ohio. Beverages. 225,329; Mar. 15; Serial No. 215,918; published Dec. 28, 1926.
Gulden, Charles, assignor to Charles Gulden, Inc., New York, N. Y. Prepared mustard. 63,727; renewed July 2, 1927.
Hager, Clark & Co., New York, N. Y. Woolen and worsted piece goods. 225,448; Mar. 15.
Hajdu, Andrew, New York, N. Y. Bicarbonate of soda and petroleum jelly. 225,330; Mar. 15; Serial No. 216,780; published Jan. 4, 1927.
Hale and Kilburn Manufacturing Company, The, assignor to American Motor Body Company, Philadelphia, Pa. Car seats. 57,909; renewed Dec. 4, 1926.
Hall, I. Harris, doing business as Harris Hall Laboratories, Lakeland, Fla. Insecticide and preparation for use in the treatment of insect bites. 225,233; Mar. 15; Serial No. 238,852; published Jan. 4, 1927.
Hamilton Dairy. (See Detweiler & Raab.)
Hamm, Theo., Brewing Company, St. Paul, Minn. Malt beverage. 225,364; Mar. 15; Serial No. 223,914; published Dec. 28, 1926.
Hance Brothers & White Inc., Philadelphia, Pa. Antiseptic vaginal suppositories. 225,350; Mar. 15; Serial No. 239,652; published Dec. 28, 1926.
Hardwick & Magee Company. (See Ivins, Dietz & Metzger Co., assignor.)
Harms, Edward, doing business as Consumers Company, New York, N. Y. Handles for revolvers and pistols. 225,264; Mar. 15; Serial No. 232,562; published Jan. 4, 1927.
Haro-Kold Chemical Co. (See Fleming, James W.)
Harper & Kirschten Shoe Co., The, Chicago, Ill. Shoes. 225,436; Mar. 15.
Hausman Drug Co. Inc., The, Trinidad, Colo. Medicine. 64,140; renewed July 23, 1927.
Heller & Merz Co., The, Newark, N. J. Aniiin colors and blue. 63,642; renewed July 2, 1927.
Heller & Perrin, Pittsburgh, Pa. Barley-malt extract for food purposes. 225,182; Mar. 15; Serial No. 236,693; published Nov. 23, 1926.
Hemroidol Co., The. (See von Bonnewitz, Orlando R.)
Hercules Powder Company, Wilmington, Del. Smokeless shotgun powder. 225,253; Mar. 15; Serial No. 238,655; published Jan. 4, 1927.
Hess, Dr., & Clark, to Dr. Hess & Clark, Inc., Ashland, Ohio, successor. Medicated stock foods. 62,206–7; renewed Apr. 23, 1927.
Hess, Dr., & Clark, to Dr. Hess & Clark, Inc., Ashland, Ohio, successor. Medicated stock foods. 62,311; renewed Apr. 30, 1927.
High, Francis V., doing business as Kornlift Manufacturing Company, Fort Payne, Ala. Remedy for the treatment of corns, bunions, warts, and calli. 225,355; Mar. 15; Serial No. 239,654; published Dec. 28, 1926.
Hindy, Joseph G., doing business as Hindy Laboratories, New York, N. Y. Liquid dentifrice. 225,271; Mar. 15; Serial No. 229,442; published June 1, 1926.
Hirsch, Henry, New York, N. Y. Tags constructed of metal or fibrous material. 225,261; Mar. 15; Serial No. 234,514; published Dec. 28, 1926.
Hobo Medicine Company. (See Horton, Garland D., assignor.)
Hood Rubber Company, Watertown, Mass. Rubber boots, shoes, overshoes, and rubber-soled canvas shoes. 225,444–5; Mar. 15.
Horton, Garland D., Singer, La., assignor to Hobo Medicine Company, Inc., Beaumont, Tex. Remedy for certain named diseases. 60,389; renewed Feb. 5, 1927.
Houghton, E. F., & Co., Philadelphia, Pa. Oils for treating textile fibers. 225,299; Mar. 15; Serial No. 230,113; published Dec. 28, 1926.
Houze, L. J., Convex Glass Company, Point Marion, Pa. Sheet glass, optical glass in bulk, etc. 225,181; Mar. 15; Serial No. 236,751; published Dec. 28, 1926.
Huet, L., & E. Ligier, to Canuet Freres, Paris, France. Key rings and key chains. 61,881–2; renewed Apr. 9, 1927.
Huet, L., & E. Ligier, to Canuet Freres, Paris, France. Polished steel buttons. 61,897; renewed Apr. 9, 1927.
Ingram, Frederick F., assignor to Frederick F. Ingram Company, Detroit, Mich. Dentifrice. 60,851; renewed Feb. 19, 1927.
International Millinery Co., Inc., New York, N. Y. Ladies' hats. 225,204; Mar. 15; Serial No. 239,807; published Dec. 28, 1926.
Ivins, Dietz & Metzger Co., assignor to Hardwick & Magee Company, Philadelphia, Pa. Wilton carpets and rugs. 61,683; renewed Apr. 2, 1927.
J. M. E. M. C. W. Drug Co., Deleon Springs, Fla. Medicinal preparation used in the treatment of lung complaints, asthma, etc. 225,129; Mar. 15; Serial No. 240,189; published Jan. 4, 1927.

J. S. Company. (See Furgurson, George H.)
Jackson Brewing Company, New Orleans, La. Malt sirup. 225,881; Mar. 15; Serial No. 239,479; published Dec. 28, 1926.
Jenkins Rubber Co., Elizabeth, N. J., assignee of A. B. Jenkins, to Jenkins Bros., New York, N. Y. Rubber packing. 63,446; renewed June 18, 1927.
Johnson, Carroll R., Vincennes, Ind. Medicinal preparation. 225,144; Mar. 15; Serial No. 240,027; published Dec. 28, 1926.
Johnson, Orton A., doing business as The Ortono Co., Washington, D. C. Antiseptic solution, a pharmaceutical preparation. 225,338; Mar. 15; Serial No. 238,120; published Dec. 28, 1926.
Johnson, S. T., Co., Oakland, Calif. Fuel-oil burners. 225,121; Mar. 15; Serial No. 240,261; published Dec. 28, 1926.
Jones, Frank, doing business as Frank Jones Chemical Works, Brooklyn, N. Y. Silver-plating compound. 225,221; Mar. 15; Serial No. 238,585; published Jan. 4, 1927.
Jones-Paddock Co., assignor to The Jones-Thierbach Co., San Francisco, Calif. Coffee. 64,000 renewed July 16, 1927.
Jones-Thierbach Co. (See Jones-Paddock Co., assignor.)
Jordan Marsh Company, Boston, Mass. Toilet tissue. 225,200; Mar. 15; Serial No. 239,523; published Dec. 28, 1926.
Jordell Manufacturing Company. (See Mordell, Irvin.)
June Dairy Products Co., Inc., Newark, N. J. Butter, eggs, cheese, and horse-radish. 225,209; Mar. 15; Serial No. 238,978; published Dec. 28, 1926.
Jung, L. E., New Orleans, La. Flavoring extracts for making soft drinks. 225,390; Mar. 15; Serial No. 235,806; published Jan. 4, 1927.
Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich. Loose-sheet holders or temporary binders. 63,957; renewed July 16, 1927.
Kansas City Wholesale Grocery Co., Kansas City, Mo. Baking powder, bluing, gloss starch, and salt for food purposes. 225,186; Mar. 15; Serial No. 236,272; published Jan. 4, 1927.
Kauai Fruit & Land Co. Ltd., Kalaheo, Kauai, Hawaii. Canned pineapple. 225,156–7; Mar. 15; Serial Nos. 293,810–11; published Jan. 4, 1927.
Keith, Nancy, Candy Co., Chicago, Ill. Homemade candies. 225,433; Mar. 15.
Kenney Manufacturing Company, Cranston, R. I. Metal curtain rods, drapery hardware, etc. 225,240; Mar. 15; Serial No. 240,553; published Jan. 4, 1927.
Kerner Incinerator Co., Milwaukee, Wis. Incinerators. 225,293; Mar. 15; Serial No. 239,254; published Dec. 28; 1926.
Keystone Fence Company, Peoria, Ill., assignor to Keystone Steel & Wire Company, South Bartonville, Peoria, Ill. Wire fence. 62,025; renewed Apr. 16, 1927.
Keystone Fence Company, Peoria, Ill., assignor to Keystone Steel & Wire Company, South Bartonville, Peoria, Ill. Wire fence. 62,313; renewed Apr. 30, 1927.
Keystone Roofing Manufacturing Company, York, Pa. Waterproof paper used in packaging and shipping. 225,284; Mar. 15; Serial No. 201,564; published Dec. 28, 1926.
Keystone Varnish Company, Brooklyn, N. Y. Finishing product. 62,662; renewed May 21, 1927.
Keystone Varnish Company, Brooklyn, N. Y. Enamels, both gloss and flat. 63,625; renewed July 2, 1927.
Kinahan & Company Limited, assignor to Bagots, Hutton & Company, Limited, Dublin, Ireland. Gin. 61,076; renewed Mar. 5, 1927.
Knickerbooker Paint Company, The, New York, N. Y. Mixed paints. 61,808; renewed Apr. 9, 1927.
Knoll & Co., Ludwigshafen-on-the-Rhine, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Medicinal compounds. 61,165; renewed Mar. 5, 1927.
Knoll & Co., Ludwigshafen, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Medical preparation to be used as an antigonorrheic. 61,255; renewed Mar. 12, 1927.
Kornlift Manufacturing Company. (See High, Francis V.)
Korrekt Klothes, Inc., St. Louis, Mo. Coats, vests, trousers, suits, etc. 225,176; Mar. 15; Serial No. 239,887; published Dec. 28, 1926.
Krainz, Michael, Gowanda, N. Y. Canned beefstew. 225,158; Mar. 15; Serial No. 239,861; published Jan. 4, 1927.
Krekol Pharmacal Company. (See Davis, Samuel.)
La Mode Garment Company, Chicago, Ill. Bloomers, step-ins, vests, pyjamas, etc. 225,174; Mar. 15; Serial No. 239,930; published Dec. 28, 1926.
Latrobe Steel and Coupler Company, Philadelphia, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Certain railway equipment. 60,535; renewed Feb. 12, 1927.
Latrobe Steel and Coupler Company, Philadelphia, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Machinery parts. 60,536; renewed Feb. 12, 1927.
Lee, Mary, Inc., New York, N. Y. Ladies' dresses. 225,172; Mar. 15; Serial No. 239,993; published Dec. 28, 1926.

Lemmerman, W. W., doing business as Lemmerman Orpington Farms, Palmer, Nebr. Chickens and eggs for hatching. 225,354; Mar. 15; Serial No. 239,662; published Dec. 21, 1926.
Lemur, S., Company, The, Cleveland, Ohio. Hair-treating substances. 225,143; Mar. 15; Serial No. 240,036; published Dec. 28, 1926.
Letendre, Thaddee E., New York, N. Y. Daily publication containing racing selections, etc. 225,281; Mar. 15; Serial No. 217,790; published Mar. 23, 1926.
Lever Brothers Company. (See Union Oil Company, assignor.)
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap powder. 63,471; renewed June 25, 1927.
Levey Brothers Company, assignor to Levey Printing Co., Indianapolis, Ind. Certain paper manufactures. 59,853; renewed Jan. 22, 1927.
Levine, Max, & Co., New York, N. Y. Dresses. 225,202; Mar. 15; Serial No. 239,418; published Dec. 28, 1926.
Lewis Knitting Company, Janesville, Wis. Athletic union suits of knitted fabric. 225,215; Mar. 15; Serial No. 237,914; published Dec. 28, 1926.
Liebmann Breweries, Inc., Brooklyn, N. Y. Malt beverage. 225,332; Mar. 15; Serial No. 237,969; published Dec. 28, 1926.
Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. 225,344; Mar. 15; Serial No. 222,852; published Dec. 28, 1926.
Lindenmeyr, Henry, & Sons, to Henry Lindenmeyr & Sons, New York, N. Y., successor. Writing paper. 59,828; renewed Jan. 22, 1927.
Lindenmeyr, Henry, & Sons, to Henry Lindenmeyr & Sons, New York, N. Y. Writing paper. 60,164; renewed Jan. 29, 1927.
Lindt, A. & W., Berne, Switzerland. Cacaos, chocolate and preparations thereof. 59,229; renewed Jan. 1, 1927.
Link-Belt Company, Chicago, Ill.; Philadelphia, Pa.; and Indianapolis, Ind., to Link-Belt Company, Chicago, Ill. Drive chains and conveyer chains. 63,052; renewed June 4, 1927.
Lionel Trading Co. Inc., New York, N. Y. Perfumes. 225,387; Mar. 15; Serial No. 239,374; published Jan. 4, 1927.
Loeb, Sigmund S., Boston, Mass. Neckwear linings. 225,434; Mar. 15.
L'Oreal, Inc., New York, N. Y. Hair dyes and colorings, etc. 225,318; Mar. 15; Serial No. 232,276; published Jan. 4, 1927.
Lubow, Hyman, New York, N. Y. Dark-tan canvas piece goods. 225,446; Mar. 15.
Lucatti, Alfredo, New York, N. Y. Liquid bleach for washing clothes, etc. 225,375; Mar. 15; Serial No. 238,324; published Jan. 4, 1927.
Lynen, G. H., & Co., Inc., New York, N. Y. Pewter ware. 225,193; Mar. 15; Serial No. 235,966; published Jan. 4, 1927.
Macy, R. H., & Co., Inc., New York, N. Y. Sanitary napkins. 225,319; Mar. 15; Serial No. 232,335; published Dec. 28, 1926.
Magno Products Corp., New York, N. Y. Water and fire proof paint, wood filler. 225,254; Mar. 15; Serial No. 236,843; published Dec. 28, 1926.
Malleable Iron Range Co., Beaver Dam, Wis. Ranges. 63,856; renewed July 9, 1927.
Manganese Bronze and Brass Co., Limited, The, London, England. Manganese bronze. 61,603; renewed Mar. 26, 1927.
Markatos, Louis C., doing business as Union Mfg. Co., New York, N. Y. Shoe polish and dressings. 225,417; Mar. 15; Serial No. 227,460; published Nov. 2, 1926.
Marshall Field & Company, Chicago, Ill. Perfume, toilet water, compacts, rouge, etc. 225,220; Mar. 15; Serial No. 238,579; published Dec. 28, 1926.
Marshall Field & Company, Chicago, Ill. Handkerchiefs. 225,361; Mar. 15; Serial No. 224,753; published Dec. 28, 1926.
Martin, J. R., doing business as J. R. Martin & Co., San Francisco, Calif. Port and Sherry tonic. 225,441; Mar. 15.
Mattlage, Charles F., & Sons, Inc., New York, N. Y. Salad dressing. 225,133–4; Mar. 15; Serial Nos. 240,144–5; published Dec. 28, 1926.
Mattlage, Charles F., & Sons, Inc., New York, N. Y. Salad dressing. 225,380; Mar. 15; Serial No. 239,535; published Dec. 21, 1926.
Mattson Coffee Co., Philadelphia, Pa. Coffee. 225,323; Mar. 15; Serial No. 240,669; published Jan. 4, 1927.
Mayer, Oscar G., doing business as Packers Utility Co., Chicago, Ill. Casing flushers. 225,338; Mar. 15; Serial No. 238,911; published Dec. 28, 1926.
McCormack, James A. (See Barker, Mary S., assignor.)
McEwen, Irving, Omaha, Nebr. Toilet, facial, and almond creams, shaving lotion, hair tonic, etc. 225,396; Mar. 15; Serial No. 239,185; published Jan. 4, 1927.
McKinney Blueprint Corporation, Los Angeles, Calif. Sensitized blue-print cloth, sepia solar cloth, sepia solar papers, etc. 225,327; Mar. 15; Serial No. 211,485; published Dec. 28, 1926.
Medifonm Company, The, Cleveland, Ohio. Soap and shaving creams. 225,313; Mar. 15; Serial No. 230,754; published Jan. 4, 1927.
Mentele, Louise M., Epiphany, S. Dak., to Louise M. Mentele-Doty, Sioux Falls, S. Dak. Remedies for certain named diseases. 60,038; renewed Jan. 22, 1927.
Merit Newspaper Service Corporation, New York, N. Y. Newspaper articles. 225,128; Mar. 15; Serial No. 240,199; published Dec. 28, 1926.
Merit Publishing Company, The, Cleveland, Ohio. Monthly magazine. 225,226; Mar. 15; Serial No. 238,662; published Dec. 28, 1926.
Merrimack Manufacturing Company, Lowell, Mass. Textiles. 63,282; renewed June 11, 1927.
Metropolitan Importing & Mfg. Co., New York, N. Y. Cardboard toy animals, dolls, and other figures for children's amusement. 225,438; Mar. 15.
Meyer, Dr. H. (See Prior, Henry.)
Miller Hatcheries, The, Lancaster, Mo. Baby chicks. 225,314; Mar. 15; Serial No. 230,638; published Jan. 4, 1927.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton goods, silk goods, and linen goods and mixtures of cotton and silk and linen and silk, all in the piece. 225,127; Mar. 15; Serial No. 240,201; published Dec. 28, 1926.
Mills, Walter L., Delmar, Md. Preparation for the treatment of the scalp. 225,298; Mar. 15; Serial No. 239,129; published Jan. 4, 1927.
Milter Laboratories Inc. (See Abbots Alderney Dairies, Inc.)
Monheimer, Isa, to Enright & Brice, Chicago, Ill., successor. Bitters. 61,260; renewed Mar. 12, 1927.
Montaperto, Salvatore, Brooklyn, N. Y. Olive oil. 225,418; Mar. 15; Serial No. 227,276; published Dec. 28, 1926.
Moore, Benjamin & Co., New York, N. Y., and Jersey City, N. J. Putty. 63,992; renewed July 16, 1927.
Mordell, Irvin, doing business as Jordell Manufacturing Company, Philadelphia, Pa. Perfumes, cold cream, face powders, etc. 225,237; Mar. 15; Serial No. 238,991; published Dec. 28, 1926.
Morehouse Mustard Mills, Los Angeles, Calif. Prepared mustard, horse-radish, chowchow, pickles, etc. 225,297; Mar. 15; Serial No. 239,131; published Dec. 28, 1926.
Morten Milling Company. (See New Century Milling Company, The, assignor.)
Moseley & Motley Milling Co., Rochester, N. Y. Wheat flour. 63,818; renewed July 9, 1927.
Mueller, C. F., Co., Jersey City, N. J. Macaroni. 63,975; renewed July 16, 1927.
Mülhens, Paul P., doing business as Eau de Cologne- & Parfümerie-Fabrik, Cologne, Germany. Cold cream. 225,273; Mar. 15; Serial No. 227,134; published Oct. 5, 1926.
Mülhens, Paul P., doing business as Eau de Cologne- & Parfümerie-Fabrik, Cologne, Germany. Vanishing cream. 225,274; Mar. 15; Serial No. 227,133; published Oct. 5, 1926.
Mulhern, John, Company, San Francisco, Calif. Beverages sold as soft drinks and ingredients for making the same. 225,163; Mar. 15; Serial No. 240,562; published Jan. 4, 1927.
Munsch & Co., New York, N. Y. Oily medication for the treatment of the various nasal, pharyngeal, and laryngeal affections. 225,142; Mar. 15; Serial No. 240,038; published Dec. 28, 1926.
Muralo Company, The, New Brighton, N. Y., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Calcimine. 64,157; renewed July 23, 1927.
N. V. Organon tot Bereiding van Organ Preparaten op Wetenschappelijken Grondslag, Oss, Netherlands. Standardized hormone from ovaries, being soluble in water. 225,189; Mar. 15; Serial No. 230,173; published Jan. 4, 1927.
National Blank Book Co., Holyoke, Mass. Loose-leaf structures. 225,171; Mar. 15; Serial No. 239,997; published Dec. 28, 1926.
National Candy Company, Jersey City, N. J., and St. Louis, Mo., to National Candy Company, St. Louis, Mo. Candies. 59,906; renewed Jan. 22, 1927.
National Malleable and Steel Castings Company. (See Latrobe Steel and Coupler Company, assignor.)
New Century Milling Company, The, assignor to Morten Milling Company, Dallas, Tex. Wheat flour. 63,316; renewed June 11, 1927.
New England Fire Appliance Co., Boston, Mass. Fire-extinguishing devices and supplies. 225,331; Mar. 15; Serial No. 200,957; published Dec. 28, 1926.
New York Leather Belting Co., New York, N. Y. Leather belting. 60,758; renewed Feb. 19, 1927.
Nicholas, Minoa J., New York, N. Y. Candies, nuts, fruits, pop corn, etc. 225,402–4; Mar. 15; Serial Nos. 237,685–7; published Jan. 4, 1927.
Nicholson-Feinberg, Inc., New York, N. Y. Hosiery. 225,165–6; Mar. 15; Serial Nos. 240,315–16; published Dec. 28, 1926.
Nielson, H. P., doing business as The Gasnil Co., San Francisco, Calif. Stomach powders. 225,339; Mar. 15; Serial No. 238,130; published Jan. 4, 1927.
North American Fibre Products Company, The, Cleveland, Ohio. Liquid compound for scale preventing and removing from boilers. 225,383; Mar. 15; Serial No. 239,422; published Dec. 28, 1926.
North Bro's M'f'g. Co., Philadelphia, Pa. Ice-cream freezers. 64,041; renewed July 23, 1927.
Northern Mercantile Co., Inc., New York, N. Y. Flour-mill products and packing-house products. 225,317; Mar. 15; Serial No. 231,690; published Dec. 28, 1926.
Northwestern Consolidated Milling Company, Minneapolis, Minn. Wheat flour. 61,788; renewed Apr. 2, 1927.

Norton Company, Worcester, Mass. Abrasive and polishing materials. 63,338; renewed June 18, 1927.
Norton Company, Worcester, Mass. Abrasive and polishing materials, tools, implements, and machinery. 64,093; renewed July 23, 1927.
Nozali Pharmacal Co. (See Eisenberg, Joseph W.)
Orange Smile Sirup Company, The, St. Louis, Mo. Beverages and flavors therefor. 225,425; Mar. 15; Serial No. 239,715; published Jan. 4, 1927.
Ortono Co., The. (See Johnson, Orton A.)
Osborn, Margaret U., Houston, Tex. Shampoo. 225,295; Mar. 15; Serial No. 239,194; published Jan. 4, 1927.
Owen, Henry T., doing business as The H. T. Owen Co., Chicago, Ill. Remedy for piles. 225,291; Mar. 15; Serial No. 239,313; published Jan. 4, 1927.
Packers Utility Co. (See Mayer, Oscar G.)
Palmer Candy Co., Sioux City, Iowa. Candy. 225,424; Mar. 15; Serial No. 225,848; published Jan. 4, 1927.
Parfums Edouardo, a Corporation, New York, N. Y. Perfumes, toilet water, and toilet powder. 225,305; Mar. 15; Serial No. 240,503; published Jan. 11, 1927.
Pass, Capper, & Son, Ltd., Bristol, England. Compound metal or alloy in ingots. 225,368; Mar. 15; Serial No. 238,482; published Dec. 28, 1926.
Paul de Lima Co., Inc., Syracuse, N. Y. Coffee. 225,235; Mar. 15; Serial No. 238,953; published Jan. 4, 1927.
Peerless Oil & Refining Company, Chanute, Kans. High-test gasoline. 225,386; Mar. 15; Serial No. 239,377; published Dec. 28, 1926.
Penny, J. C., Company, Wilmington, Del., and New York, N. Y. Cotton piece goods. 225,162; Mar. 15; Serial No. 240,829; published Jan. 4, 1927.
People's Shoe Stores Company, Inc., The, St. Louis, Mo. Shoes and hosiery. 225,207; Mar. 15; Serial No. 239,196; published Dec. 28, 1926.
Perrin Glove Company, Inc., New York, N. Y. Leather gloves. 225,210; Mar. 15; Serial No. 238,866; published Dec. 28, 1926.
Pickard, Charles O., doing business as Bosodo Laboratories, Mebane, N. C. Medicinal preparation for use in the treatment of indigestion, sour stomach, etc. 225,159; Mar. 15; Serial No. 239,766; published Dec. 28, 1926.
Pinkham Holdings Co., Los Angeles, Calif. Fresh grapes. 225,352; Mar. 15; Serial No. 218,329; published Jan. 4, 1927.
Pittsburgh Plate Glass Company, Pittsburgh, Pa. Painters' brushes. 225,184; Mar. 15; Serial No. 236,499; published Jan. 4, 1927.
Plymouth Gypsum Co., The, Fort Dodge, Iowa, assignor to Universal Gypsum & Lime Co., Chicago, Ill. Wall plasters. 61,310; renewed Mar. 12, 1927.
Portable Wardrobe Co., Manson, Iowa. Portable wardrobes. 225,201; Mar. 15; Serial No. 239,426; published Dec. 28, 1926.
Portland Cordage Company, The, Portland, Oreg. Rope, cord, and twine. 63,475; renewed June 25, 1927.
Powell, Wylie R., doing business as Fenole Chemical Company, Jacksonville, Fla. Disinfectants, deodorants, etc. 225,132; Mar. 15; Serial No. 240,152; published Jan. 4, 1927.
Pre-Test Products Company, Sedalia, Mo. Chemical and medicinal preparations. 225,358; Mar. 15; Serial No. 239,626; published Jan. 4, 1927.
Prime Manufacturing Co., The, doing business as, Carryola Company of America, Milwaukee, Wis. Phonographs. 225,324; Mar. 15; Serial No. 201,206; published Nov. 23, 1926.
Prior, Henry, doing business as Dr. H. Meyer, Henry Prior, successor, Union City, N. J. General blood tonic, medicines, and healing preparations. 225,385; Mar. 15; Serial No. 239,383; published Jan. 4, 1927.
Prior, W. F., Company, Inc., Hagerstown, Md. Medical journal. 225,126; Mar. 15; Serial No. 240,215; published Dec. 28, 1926.
Prior, W. F., Company, Inc., Hagerstown, Md. Monthly medical journal. 225,150; Mar. 15; Serial No. 239,894; published Dec. 28, 1926.
Prym, William, G. m. b. H., Stolberg-Rheinland, Germany. Toilet articles. 61,317; renewed Mar. 12, 1927.
Pyramid Packing Company, Sitka, Alaska. Canned fish. 225,415; Mar. 15; Serial No. 228,776; published Apr. 27, 1926.
Radiolamp Company. (See Wheelan, Robert B.)
Railway Equipment and Publication Company, The, New York, N. Y. Periodical. 225,187; Mar. 15; Serial No. 236,228; published Jan. 4, 1927.
Railway Steel-Spring Company, New York, N. Y. Weldless rolled pipe flanges, nozzles, and necks, collars, etc. 225,222; Mar. 15; Serial No. 238,613; published Dec. 28, 1926.
Railway Steel-Spring Company, New York, N. Y. Steel tires for locomotive, locomotive tender, wheel centers, gear rims, etc. 225,223; Mar. 15; Serial No. 238,614; published Dec. 28, 1926.
Raquel Incorporated, New York, N. Y. Perfumes, toilet water, toilet powders, etc. 225,198; Mar. 15; Serial No. 235,615; published Jan. 4, 1927.
Raynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes. 60,730–2; renewed Feb. 19, 1927.
Raynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes. 60,734; renewed Feb. 19, 1927.
Real Sport Clothing Company, Philadelphia, Pa. Coats, riding breeches, shirts, vests, etc. 225,178; Mar. 15; Serial No. 239,592; published Dec. 28, 1926.
Record-O-Phone Company, Washington, D. C. Machines for electrically recording sound on metal and electrically reproducing such sound. 225,360; Mar. 15; Serial No. 224,987; published Dec. 28, 1926.
Red Raven Rubber Company, Newark, N. J. Rubber baby pants. 225,439; Mar. 15.
Reichman & Faust, New York, N. Y. Perfume, toilet water, face powder, etc. 225,266; Mar. 15; Serial No. 231,844; published June 15, 1926.
Reiss & Brady, assignor to Cresca Company Incorporated, New York, N. Y. Confectionery. 64,003; renewed July 16, 1927.
Relda Shops, Incorporated, Cleveland, Ohio. Hosiery and lingerie. 225,258; Mar. 15; Serial No. 235,072; published Dec. 28, 1926.
Reliance Garment Mfg. Co., Inc., Chicago, Ill. Overalls and pants, play suits, shirts, and blouses, etc. 225,208; Mar. 15; Serial No. 238,995; published Dec. 28, 1926.
Renfrew Manufacturing Company, Adams, Mass. Cotton piece goods. 64,117; renewed July 23, 1927.
Retail Lumberman Publishing Co., Kansas City, Mo. Monthly dealer house organ. 225,138; Mar. 15; Serial No. 240,093; published Dec. 28, 1926.
Reynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes. 60,816; renewed Feb. 19, 1927.
Rhoads, Earnest E., doing business as Cosmic Laboratories, Washington Court House, Ohio. Antiseptic powder. 225,302; Mar. 15; Serial No. 239,063; published Jan. 4, 1927.
Rice-Stix Dry Goods Company, St. Louis, Mo. Hosiery. 60,848; renewed Feb. 19, 1927.
Rice-Stix Dry Goods Company, St. Louis, Mo. Knitted, netted, and lace gloves. 62,863; renewed Apr. 30, 1927.
Rice-Stix Dry Goods Company, St. Louis, Mo. Cotton piece goods. 62,865–66; renewed Apr. 30, 1927.
Rice-Stix Dry Goods Company, St. Louis, Mo. Percales. 62,558; renewed May 14, 1927.
Rice-Stix Dry Goods Company, St. Louis, Mo. Overalls and pantaloons. 62,845; renewed May 28, 1927.
Rice-Stix Dry Goods Company, St. Louis, Mo. Knitted and netted underwear. 62,867; renewed May 28, 1927.
Rice-Stix Dry Goods Company, St. Louis, Mo. Cotton piece goods. 62,913; renewed May 28, 1927.
Ridley Watts & Co. (See Willis, Grinnell, & Co., assignor.)
Riggs Optical Company-Consolidated, Omaha, Nebr. Spectacles. 225,419; Mar. 15; Serial No. 227,190; published Dec. 28, 1926.
Rising, B. D., Paper Company, Housatonic, Mass. Writing papers, announcement papers, pasted bristols, and cover papers. 225,282; Mar. 15; Serial No. 217,387; published Dec. 28, 1926.
Riverside Fibre & Paper Company, Appleton, Wis. Manila tag board. 225,211; Mar. 15; Serial No. 238,813; published Dec. 28, 1926.
Robert, Charles, assignor to Emile Geiser, Chaux-de-Fonds Switzerland. Watch springs. 60,238; renewed Jan. 29, 1927.
Roebling's, John A., Sons Co., Trenton, N. J. Wire rope. 225,328; Mar. 15; Serial No. 212,401; published Dec. 28, 1926.
Roller, Henry, Muncie, Ind. Chocolates and bonbons. 63,585; renewed June 25, 1927.
Roosa, Herbert H., Lincoln, Nebr. Leather boots, shoes, slippers, and insoles. 54,353; renewed June 26, 1926.
Rosenstein Brothers Inc., assignor to Adolph Goldmark & Sons Corp., New York, N. Y. Canned vegetables. 61,242; renewed Mar. 12, 1927.
Runtex Company, Inc., Lincoln, Nebr. Preparation for treating silk stockings to add luster, to reduce runs, etc. 225,217; Mar. 15; Serial No. 237,286; published Nov. 23, 1926.
Safety Fumigant Company, Boston, Mass. Fumigant briquettes. 225,155; Mar. 15; Serial No. 239,825; published Jan. 4, 1927.
St. Louis Union Trust Company, assignor to Charter Oak Stove & Range Company, St. Louis, Mo. Stoves and ranges. 63,619; renewed July 2, 1927.
St. Louis Union Trust Company, assignor to Charter Oak Stove & Range Company, St. Louis, Mo. Stoves and ranges. 63,868; renewed July 9, 1927.
St. Louis Union Trust Company, assignor to Charter Oak Stove & Range Company, St. Louis, Mo. Stoves and ranges. 63,971; renewed July 16, 1927.
Salamander Schuhgesellschaft m. b. H., Berlin, Germany. Shoe polishes, shoe dressings, etc. 225,405; Mar. 15; Serial No. 237,701; published Dec. 28, 1926.
Samoset Chocolates Company, Boston, Mass. Candy. 225,372–3; Mar. 15; Serial Nos. 238,391–2; published Dec. 28, 1926.
Sanat Refrigerating Company, New York, N. Y. Refrigerating machinery and refrigerators. 225,357; Mar. 15; Serial No. 239,628; published Jan. 4, 1927.
Sa-So Chemical Company. (See Gardner, Joseph A.)
Sayre Creamery & Cold Storage Co., Philadelphia, Pa. Butter. 225,447; Mar. 15.
Scale Solvent & Products Co., The, Kansas City, Mo. Chemical cleaner for lavatory, sink, or other drains. 225,369; Mar. 15; Serial No. 238,461; published Jan. 4, 1927.
Schmidt, Jacob, Brewing Company, St. Paul, Minn. Malt beverages. 225,370–1; Mar. 15; Serial Nos. 238,396–7; published Dec. 28, 1926.

Schoettle Edwin J., Company, Philadelphia, Pa. Boxes. 225,243; Mar. 15; Serial No. 240,505; published Jan. 4, 1927.

School Mfg. Co. Inc., The, Chicago, Ill. Arch supports and similar foot-corrective appliances. 225,272; Mar. 15; Serial No. 228,874; published Apr. 27, 1926.

Schwan-Bleistift-Fabrik A.-G., Nuremberg, Germany. Lead pencils. 225,177; Mar. 15; Serial No. 239,723; published Dec. 28, 1926.

Science Service, Inc., Washington, D. C. Publication. 225,137; Mar. 15; Serial No. 240,099; published Dec. 28, 1926.

Seacoast Canning Company, Eastport, Me. Canned fish. 225,350; Mar. 15; Serial No. 219,780; published Jan. 4, 1927.

Seacoast Canning Company, Eastport, Me. Canned fish. 225,350; Mar. 15; Serial No. 219,780; published Jan. 4, 1927.

Sethness Company, The, Chicago, Ill. Ginger ale and extract for making ginger ale. 225,432; Mar. 15.

Seton Leather Co., Newark, N. J. Patent side leather. 62,368; renewed Apr. 30, 1927.

Sheehan, Frank T., doing business as F. T. Sheehan & Co., Ithaca, N. Y. Pain-relieving balm. 225,234; Mar. 15; Serial No. 238,293; published Jan. 4, 1927.

Sherwin-Williams Company, The. (See Berry Brothers, Limited, assignor.)

Sherwin-Williams Company, The. (See Maurnio Company, The, assignor.)

Shively, Dr. W. G., D. V. S., & Company, Lamartine, Pa. Medicine for the treatment of paralysis in horses and mules. 225,374; Mar. 15; Serial No. 238,345; published Dec. 28, 1926.

Shoe Retailer Company, The, Boston, Mass. Weekly publication. 225,301; Mar. 15; Serial No. 239,064; published Dec. 28, 1926.

Silfverberg, Patrik, Philadelphia, Pa. Medicinal compounds for treating gallstones, liver diseases, etc. 225,149; Mar. 15; Serial No. 239,900; published Dec. 28, 1926.

Simmons, C. F., Medicine Company. (See Blood Balm Company, assignor.)

Singer Manufacturing Company, The, New York, N. Y., to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machines, parts, covers, tables, stands, and attachments. 63,866; renewed July 9, 1927.

Slends, Inc., New York, N. Y. Chewing gum. 225,306; Mar. 15; Serial No. 234,349; published Jan. 4, 1927.

Smep Company, The. (See Dyestuffs & Chemicals, Inc.)

Societa Anonima Egidio Galbani, Melzo, Italy. Cheeses. 225,399; Mar. 15; Serial No. 237,571; published Nov. 16, 1926.

Societe Anonyme de la Distillerie de la Liqueur Benedictine de l'Abbaye de Fecamp, to Societe Anonyme de la Benedictine, Distillerie de la Liqueur de l'Ancienne Abbaye de Fecamp, Fecamp, France, successor. Cordial. 60,241; renewed Jan. 29, 1927.

Société Chimique des Usines du Rhône, Paris, France. Salicylic acid, ethyl chloride, chloroform, etc. 225,391; Mar. 15; Serial No. 235,082; published Jan. 4, 1927.

Southern Cream and Milk Company, Inc., Atlanta, Ga. Milk, cream, buttermilk, and condensed milk. 225,206; Mar. 15; Serial No. 239,203; published Dec. 28, 1926.

Sparham Fireproof Roofing Cement Comp'y, The, Montreal, Canada, to E. J. Wayte, executor under the will of W. L. Maltby, Montreal, Canada, and New York, N. Y. Roofing material of composition or cement. 59,143; renewed Jan. 1, 1927.

Springdale Finishing Company, Inc., The, Canton, Mass. Cotton cloth in the piece. 225,277; Mar. 15; Serial No. 223,419; published Jan. 4, 1927.

Standard Steel Propeller Company, Pittsburgh, Pa. Blades and hubs for aeroplane propellers. 225,307; Mar. 15; Serial No. 234,234; published Dec. 28, 1926.

Standard Stores Company, St. Louis, Mo. Overalls, trousers, and work coats. 225,161; Mar. 15; Serial No. 239,546; published Dec. 28, 1926.

Standard Stores Company, St. Louis, Mo. Overalls, trousers, and work coats. 225,199; Mar. 15; Serial No. 239,545; published Dec. 28, 1926.

Star Manufacturing Company, Inc., Providence, R. I. Light-weight ground-joint malleable-iron bronze seat unions. 225,345; Mar. 15; Serial No. 222,349; published Dec. 28, 1926.

State Trooper Publishing Co., The, Detroit, Mich. Monthly magazine. 225,148; Mar. 15; Serial No. 239,901; published Dec. 28, 1926.

Stearns & Curtius, New York, N. Y., assignor to Frederick Stearns & Company, Detroit, Mich. Laxatives. 63,203; renewed June 11, 1927.

Stearns & Curtius, New York, N. Y., assignor to Frederick Stearns & Company, Detroit, Mich. Remedy for disorders of the stomach and bowels. 64,325; renewed July 30, 1927.

Stearns' Electric Paste Co., Buffalo, N. Y., to Stearns' Electric Paste Co., Chicago, Ill. Rat and roach exterminator. 63,294; renewed June 11, 1927.

Stearns' Electric Paste Co., Buffalo, N. Y., to Stearns Electric Paste Co., Chicago, Ill. Rat and roach exterminator. 60,395–6; renewed Feb. 5, 1927.

Stearns' Electric Paste Co., Buffalo, N. Y., to Stearns' Electric Paste Co., Chicago, Ill. Rat and roach exterminator. 61,655; renewed Apr. 2, 1927.

Steinberger Bros. Co., San Francisco, Calif. Gloves. 225,255; Mar. 15; Serial No. 236,070; published Dec. 28, 1926.

Steiner, Emil, Brawley, Calif. Grapefruit. 225,395; Mar. 15; Serial No. 237,204; published Jan. 4, 1927.

Stomatape Products Co., The. (See Goldstein, Alfred D.)

Stoner, Charles E., doing business as Stoner's Medicine Co., Columbus, Ohio. Medicinal preparation for the treatment of rheumatism, neuritis, etc. 225,310; Mar. 15; Serial No. 233,627; published Dec. 28, 1926.

Straser Candy Company, The, Denver, Colo. Candy suckers. 225,195; Mar. 15; Serial No. 235,760; published Jan. 4, 1927.

Straus, Theodore L., Baltimore, Md. Malt compound and extract. 225,145; Mar. 15; Serial No. 240,009; published Dec. 28, 1926.

Sudbeaz, Joseph, Mount Vernon, N. Y. Liquid face powder (toilet lotion). 225,188; Mar. 15; Serial No. 236,183; published Dec. 28, 1926.

Sunland Sales Cooperative Association, Fresno, Calif. Dried prunes, figs, raisins, peaches, pears, canned fruits and vegetables, etc. 225,349; Mar. 15; Serial No. 220,047; published Dec. 28, 1926.

Superior Hard Rubber Company, Butler, N. J. Pipes. 225,257; Mar. 15; Serial No. 235,534; published Jan. 4, 1927.

Superior Products Corporation, Elizabeth, N. J., and New York, N. Y. Pharmaceutical preparations. 225,125; Mar. 15; Serial No. 240,224; published Jan. 4, 1927.

Swords Electric Company, Rockford, Ill. Electric vacuum cleaners and attachments therefor. 225,348; Mar. 15; Serial No. 220,927; published Mar. 30, 1926.

Tepfer, S., & Sons, New York, N. Y. Suits, overcoats, coats, vests, trousers, and raincoats, men's, youths', and boys'. 225,203; Mar. 15; Serial No. 239,333; published Dec. 28, 1926.

Texas Company, The, Houston, Tex., and New York, N. Y. Lubricating oil. 225,135; Mar. 15; Serial No. 240,104; published Dec. 28, 1926.

Texas Company, The, Houston, Tex., and New York, N. Y. Petroleum products. 225,136; Mar. 15; Serial No. 240,103, published Dec. 28, 1926.

Tolfree, Edward R., doing business as "X" Laboratories, New York, N. Y. Composition for internally stopping leaks in radiators, boilers, etc., for eliminating rust and preventing corrosion and formation of scale. 225,309; Mar. 15; Serial No. 234,011; published Dec. 28, 1926.

Torrington Company, The, Torrington, Conn. Knitting-machine needles. 225,216; Mar. 15; Serial No. 237,835; published Dec. 28, 1926.

Traun, Dr. Heinrich & Söhne, to Dr. Heinr. Traun & Sohne, vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany, successor. Combs. 51,671; renewed Apr. 17, 1926.

Traun, Dr. Heinrich & Söhne, to Dr. Heinr. Traun & Sohne, vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany, successor. Combs. 51,911; renewed Apr. 24, 1926.

Traun, Dr. Heinrich, & Söhne, to Dr. Heinr. Traun & Sohne, vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany, successor. Combs. 52,192; renewed May 1, 1926.

Traun, Dr. Heinrich, & Söhne, to Dr. Heinr. Traun & Sohne, vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany, successor. Combs. 53,211; renewed May 29, 1926.

Traun, Dr. Heinr., & Söhne, vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany. Combs. 225,267; Mar. 15; Serial No. 230,135; published Aug. 31, 1926.

Traun, Dr. Heinr., & Söhne, vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany. Combs. 225,268; Mar. 15; Serial No. 230,134; published June 22, 1926.

Traun, Dr. Heinr., & Söhne, vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany. Synthetic and other artificial resins. 225,269; Mar. 15; Serial No. 230,663; published June 22, 1926.

Traun, Dr. Heinr., & Söhne, vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany. Combs. 225,270; Mar. 15; Serial No. 230,002; published June 29, 1926.

Treman, King & Co., Ithaca, N. Y. Tools. 225,124; Mar. 15; Serial No. 240,225; published Dec. 28, 1926.

Tryit Products Company, Bellevue, Ohio. Gritty hand soap. 225,347; Mar. 15; Serial No. 228,876; published Jan. 4, 1927.

Trostel, Albert, & Sons, assignor to Albert Trostel & Sons Company, Milwaukee, Wis. Leather for shoes, harness, and gloves. 60,818; renewed Feb. 10, 1927.

Uhlmann, M., Chicago, Ill. Cheese of the Limburger type. 59,932; renewed Jan. 22, 1927.

Ulmann, Bernhard, Co. Inc., New York, N. Y. Aprons. 225,169; Mar. 15; Serial No. 240,165; published Dec. 28, 1926.

Union Fibre Co., assignor, by mesne assignments, to Union Fibre Co. Incorporated, Winona, Minn. Insulation material. 60,578; renewed Feb. 12, 1927.

Union Mfg. Co. (See Markatos, Louis C.)

Union Oil Company, assignor, by mesne assignments, to Lever Brothers Company, Portland, Me., and Cambridge, Mass. Cooking oil. 59,804; renewed Jan. 15, 1927.

United Shoe Machinery Corporation, Paterson, N. J., and Boston, Mass. Rubber heels. 225,178; Mar. 15; Serial No. 239,952; published Dec. 28, 1926.

United States Graphite Co., The, Saginaw, Mich. Paints. 63,352–3; renewed June 18, 1927.

United States Graphite Co., The, Saginaw, Mich. Graphite lubricants. 63,542; renewed June 25, 1927.

United States Gypsum Company, Chicago, Ill. Plaster boards and plaster wall boards. 225,430; Mar. 15.

Universal Food Products Co., doing business as Consumers Supply Co., Chicago, Ill. Malt sirup hop flavored for food purposes. 225,334; Mar. 15; Serial No. 237,933; published Dec. 28, 1926.

Universal Gypsum & Lime Co. (See Plymouth Gypsum Co., The, assignor.)

Universal Willow & Reed Ware Company, Incorporated, Long Island City, N. Y. Reed and willow furniture. 225,283; Mar. 15; Serial No. 216,702; published Dec. 28, 1926.

Valier & Spies Milling Company, Marine and St. Jacobs, Ill., and St. Louis, Mo., assignor to Valier & Spies Milling Corporation, St. Louis, Mo. Wheat flour. 60,267–8; renewed Feb. 5, 1927.

Vegetarian Food and Nut Co. Inc., Washington, D. C. Peanut butter. 225,131; Mar. 15; Serial No. 240,154; published Dec. 28, 1926.

Vernon Brothers and Company, Pittsburgh, Pa. Gold prills or masses for casting for dental uses and the like. 225,342; Mar. 15; Serial No. 222,892; published Dec. 28, 1926.

Victor X-Ray Corporation, Chicago, Ill. Quartz applicators and holders, X-ray protective aprons, X-ray stands, etc. 225,343; Mar. 15; Serial No. 222,646; published Dec. 28, 1926.

Village Blacksmith Folks, The, Watertown, Wis. Shears. 225,247; Mar. 15; Serial No. 240,377; published Dec. 28, 1926.

Virginia Dare Extract Co., Brooklyn, N. Y. Iodized medicinal sirup for use in the preparation of soft drinks. 225,429; Mar. 15.

Vollrath Co., The, Sheboygan, Wis. Enamel steel basting spoons. 226,367; Mar. 15; Serial No. 222,969; published Dec. 28, 1926.

Von Bonnewitz, Orlando R., doing business as The Hemroidol Co., New York, N. Y. Laxative tablet. 225,311; Mar. 15; Serial No. 231,707; published Sept. 28, 1926.

Wadhams Oil Company, Milwaukee, Wis. Motor oil. 225,231; Mar. 15; Serial No. 238,819; published Dec. 21, 1926.

Walker Dishwasher Corporation, Syracuse, N. Y. Sinks. 225,412; Mar. 15; Serial No. 237,888; published Dec. 28, 1926.

Wangler-Budd Co. Inc., New York, N. Y. Oil of lemon and oil of orange. 225,265; Mar. 15; Serial No. 231,422; published Dec. 28, 1926.

Warner, William R., & Co. Inc., New York, N. Y. Medicinal preparation used as a laxative. 225,228; Mar. 15; Serial No. 238,760; published Dec. 28, 1926.

Washburn Company, The, Worcester, Mass. Strainers, fry baskets, soap savers, broilers, etc. 225,192; Mar. 15; Serial No. 235,989; published Jan. 4, 1927.

Washington Manufacturing Co. (See Broad Gauge Manufacturing Co., The.)

Waterloo Canning Association, Waterloo, Wis. Canned peas. 225,315; Mar. 15; Serial No. 230,600; published June 15, 1926.

Waterloo Canning Association, Waterloo, Wis. Canned peas. 225,316; Mar. 15; Serial No. 230,599; published Jan. 4, 1927.

Wayne County Preserving Company, assignor to Edgett-Burnham Company, Newark, N. Y. Canned fruits and vegetables. 63,300; renewed June 11, 1927.

Wayte, Edwin J., executor. (See Sparham Fireproof Roofing Comp'y.)

Welsberger, Joseph, doing business as Ches-Nut Research Chemists, Jersey City, N. J. Cough drops. 225,376; Mar. 15; Serial No. 238,295; published Dec. 28, 1926.

Welsman, S., Company, Inc., New York, N. Y. Watches. 225,224; Mar. 15; Serial No. 238,630; published Dec. 28, 1926.

Werner's, Geo. F., Son, New York, N. Y., to Geo. F. Werner's Son, Jersey City, N. J. Calf leather with the exception of patent calf leather. 60,967; renewed Feb. 26, 1927.

Western Grocer Company, Marshalltown, Iowa. Toilet paper. 225,259; Mar. 15; Serial No. 235,009; published Dec. 28, 1926.

Western Salt Co., San Diego, Calif. Salt. 225,123; Mar. 15; Serial No. 240,234; published Jan. 4, 1927.

Western Wholesale Drug Co., Los Angeles, Calif. Publication. 225,122; Mar. 15; Serial No. 240,236; published Dec. 28, 1926.

Wheelan, Robert B., doing business as Radiolamp Company, New York, N. Y. Radio reproducing cones. 225,377; Mar. 15; Serial No. 238,239; published Dec. 28, 1926.

White, Miles A., Glendale, Calif. Chewing gum. 225,414; Mar. 15; Serial No. 228,677; published Nov. 2, 1926.

Whiteside-Plock Products Company, Louisville, Ky. Bread improver, an ingredient which is used in association with yeast for making bread. 225,346; Mar. 15; Serial No. 221,342; published Dec. 28, 1926.

Whiting, John L., J. J. Adams Company, Boston, Mass. Brushes for painting, varnishing, etc. 225,420; Mar. 15; Serial No. 226,407; published Jan. 4, 1927.

Whitman, Stephen F., & Son, assignor to Stephen F. Whitman & Son, Inc., Philadelphia, Pa. Chocolate. 64,004; renewed July 16, 1927.

Wilcox-Hayes Company, The, Portland, Oreg. Canned fruits, crab meat, and salmon, etc. 225,408; Mar. 15; Serial No. 237,837; published Dec. 28, 1926.

Wilcox-Hayes Company, The, Portland, Oreg. Canned fruits, crab meat, salmon, etc. 225,409; Mar. 15; Serial No. 237,841; published Dec. 28, 1926.

Willard, Colbert & Giles, New York, N. Y. Silk ribbons in the piece and by the bolt. 225,289–90; Mar. 15; Serial Nos. 239,846–1; published Dec. 28, 1926.

Williams Gold Refining Co., The, Buffalo, N. Y. Dental golds. 225,287–8; Mar. 15; Serial Nos. 239,342–3; published Dec. 28, 1926.

Willis, Grinnell, & Co., assignor, by mesne assignmnets, to Ridley Watts & Co., New York, N. Y. Cotton piece goods. 58,935; renewed Dec. 25, 1926.

Willis, Grinnell, & Co., assignor, by mesne assignments, to Ridley Watts & Co., New York, N. Y. Cotton piece goods. 59,300; renewed Jan. 1, 1927.

Willis, Grinnell, & Co., assignor, by mesne assignments, to Ridley Watts & Co., New York, N. Y. Cotton piece goods. 59,341; renewed Jan. 8, 1927.

Willis, Grinnell, & Co., assignor, by mesne assignments, to Ridley Watts & Co., New York, N. Y. Cotton piece goods. 59,652; renewed Jan. 15, 1927.

Wix, J., & Sons, Ltd., London, England. Tobacco, cigarettes, and cigars. 225,262; Mar. 15; Serial No. 234,067; published Jan. 4, 1927.

Women's Wear Magazine, Inc., New York, N. Y. Magazine. 225,252; Mar. 15; Serial No. 240,283; published Jan. 4, 1927.

Woodweb Shade Manufacturers, Washington, N. J., and New York, N. Y. Window shades. 225,382; Mar. 15; Serial No. 239,451; published Dec. 28, 1926.

Woolson Spice Company, The, Toledo, Ohio. Baking powder. 225,392; Mar. 15; Serial No. 239,553; published Dec. 28, 1926.

Worcester Lawn Mower Company, Worcester, Mass. Lawn mowers. 225,250; Mar. 15; Serial No. 240,330; published Dec. 28, 1926.

Worcester Lawn Mower Company, Worcester, Mass. Lawn mowers. 225,251; Mar. 15; Serial No. 240,328; published Dec. 28, 1926.

Wuille, Dan, & Company, Incorporated, New York, N. Y. Fresh apples. 225,406; Mar. 15; Serial No. 237,790; published Jan. 4, 1927.

Wuille, Dan, & Company, Incorporated, doing business as D. W. & C. L., New York, N. Y. Fresh apples. 225,407; Mar. 15; Serial No. 237,792; published Jan. 4, 1927.

Yale & Towne Mfg. Co., The, Stamford, Conn. Locks and keys. 63,654; renewed July 2, 1927.

Young, Albert B., doing business as Barnes Company, assignor to Cling-Surface Company, Buffalo, N. Y. Balsams for burns, wounds, chapped hands, etc. 225,416; Mar. 15; Serial No. 227,929; published Jan. 4, 1927.

Zimmerman Baking Company, The, now, by change of name, The Zim Bread Company, Colorado Springs, Colo. Bread. 225,366; Mar. 15; Serial No. 223,425; published May 11, 1926.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Continental Roofing & Manufacturing Co., The, Baltimore, Md. Radiax. For a Roofing Material. 31,773; Mar. 15.

Continental Roofing & Manufacturing Co., The, Baltimore, Md. Battle Axe. For a Roofing Material. 31,774; Mar. 15.

Continental Roofing & Manufacturing Co., The, Baltimore, Md. Continental. For a Mineral-Surfaced Roofing. 31,775; Mar. 15.

Continental Roofing & Manufacturing Co., The, Baltimore, Md. Continental. For an Asphalt Felt. 31,776; Mar. 15.

Continental Roofing & Manufacturing Co., The, Baltimore, Md. Continental. For an Asphalt Sheating and Slaters' Felt. 31,777; Mar. 15.

Continental Roofing & Manufacturing Co., The, Baltimore, Md. Continental. For a Roofing Material. 31,778–80; Mar. 15.

Continental Roofing & Manufacturing Co., The, Baltimore, Md. Continental. For a Mica-Surfaced Roofing. 31,781; Mar. 15.

General Laboratories, Madison, Wis. One Gallon Bacili-Kil, Disinfectant, Sterilizer, Deordorant, Antiseptic, 905 C. For a Sodium Hypochlorite Fluid. 31,782; Mar. 15.

General Laboratories, Madison, Wis. Five Gallons Bacilli-Kil, Disinfectant, Steriliser, Deodorant, Antiseptic, 906 C. For a Sodium Hypochlorite Fluid. 31,783; Mar. 15.
Hansen, Th., Birmingham, Ala. Hansen's Buttermilk. For Buttermilk. 31,784; Mar. 15.
Heller, B., & Company, Chicago, Ill. $1000.00. Guaranteed Bed-Bug Killer. For Liquid Bed-Bug Killer. 31,785; Mar. 15.
Lamb, W. C., Terre Haute, Ind. Duk's Bak. For Top Dressing. 31,786; Mar. 15.
Master Mechanics Co., The, Cleveland, Ohio. Elsen-Heiss. For Paint. 31,787–8; Mar. 15.
Milwaukee Paper Box Co., The, Milwaukee, Wis. Aunt Edna's Symphony Chocolates. For Candy. 31,789; Mar. 15.
Modern Library, Inc., The, New York, N. Y. Modern Library. For Books (Being Placed Around the Books as a Jacket). 31,790; Mar. 15.
Morgan, William C., Belleville, Tex. Nervtannato. For Nervtannato. 31,791; Mar. 15.
Nelson, George A., Bayonne, N. J. The Happy School Days. For Games. 31,792; Mar. 15.
New England Novelty House. (See Pearsall, Alvah J.)
Northern Manufacturing Company, Newark, N. J. Marathon. For Radio Tubes. 31,793; Mar. 15.
Pearsall, Alvah J., doing business as New England Novelty House, Revere, Mass. Kis-Koo-Wah-Nee Indian Moss Plant. For Seeds, Plant Food, and Growth-Assisting Materials. 31,794; Mar. 15.
Philadelphia Seed Co., Inc., The, Philadelphia, Pa. Old English Lawn Seed Makes Better Lawns. For Lawn Seed. 31,795; Mar. 15.
Rahayel, Chas. A., doing business as Rahayel Freres, Brooklyn, N. Y. Imperial Josephina Powder. For Face Powder. 31,796; Mar. 15.
Sadur, Hyman, Chicago, Ill. Bavarian Morning Star. For Malt Sirup. 31,797; Mar. 15.
San-I-Sal Laboratories, Inc., Washington, D. C. Menth-Ol-Pine. For a Nasal Emollient. 31,798; Mar. 15.
White Mule, Inc., Carbondale, Ill. White Mule. For Penetrating Oil. 31,799; Mar. 15.
White Mule, Inc., Carbondale, Ill. White Mule. For Metal Polish. 31,800; Mar. 15.
White Mule, Inc., Carbondale, Ill. White Mule. For a Liquid Stop Leak, a Compound for Automobile Radiators. 31,801; Mar. 15.
White Mule, Inc., Carbondale, Ill. White Mule. For Automobile Top Dressing. 31,802; Mar. 15.
White Mule, Inc., Carbondale, Ill. White Mule. For Tire Patches. 31,803; Mar. 15.
Wolf, Bernhard, New York, N. Y. Kiddies Novelty Handkerchiefs. For Insert and Outside Wrapper on Handkerchief Boxes. 31,804; Mar. 15.
Wright, Fred R., Charlotte, N. C. Hi-Stepper. For Women's and Misses' Dresses. 31,805; Mar. 15.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Boat House Coffee Company, The, Cincinnati, Ohio. Cincy's Favorite Drink—Boat House Coffee. For Coffee. 9,609; Mar. 15.
Brooks, Thomas O., San Antonio, Tex. The Bunnery. For Food Prepared and Served by the Bunnery. 9,610; Mar. 15.
Butter-Nut Packers. (See Glenn, Meyer.)
Cream of Wheat Co., Minneapolis, Minn. Chicago Children Make Quick School Gains On Model Breakfast. For Wheat Breakfast Food. 9,611; Mar. 15.
Freund & Brickman, New York, N. Y. The Perfect Dollar Stocking. For Hosiery. 9,612, Mar. 15.
Glenn, Meyer, doing business as Butter-Nut Packers, Erie, Pa. Say Butter-Nuts. For Salted and Flavored Peanuts. 9,613; Mar. 15.
Half Size Dress Co., New York, N. Y. Half Size 1/2 Dresses. For Gowns, Frocks, and Dresses For The Short Miss and Women. 9,614; Mar. 15.
Heinz, H. J., Company, Pittsburgh, Pa. The Secret Of Heins Tomato Ketchup. For Tomato Catchup. 9,615; Mar. 15.
Heinz, H. J., Company, Pittsburgh, Pa. It's The Cream That Makes It So Good. For Cream of Tomato Soup. 9,616; Mar. 15.
Heinz, H. J., Company, Pittsburgh, Pa. That's It. For Tomato Catchup. 9,617; Mar. 15.
House, Leslie A., Elmhurst, Ill. No-Tum-Suk. For Preparation to Cure Thumb Sucking, Finger-nail. Biting, Etc. 9,618, Mar. 15.
Magnuson Products Corporation, Brooklyn, N. Y. Hundreds Of Formulas. For Industrial Cleaners. 9,619; Mar. 15.
National Warm Air Heating & Ventilating Association, Columbus, Ohio. Warm Air—Moist Air—Fresh Air—Warm Air Heat Means Health. For Heating and Ventilating Equipment. 9,620; Mar. 15.
New Jersey Zinc Company, The, New York, N. Y. A White House That Is Really White. For Paint. 9,621; Mar. 15.
New Jersey Zinc Company, The, New York, N. Y. Will Your White House Be White Next Year? For Paint. 9,622; Mar. 15.
New Jersey Zinc Company, The, New York, N. Y. Genuine 40-40-20 Stays White As Long As Good Paint Lasts. For Paint. 9,623; Mar. 15.
Norris, Inc., Atlanta, Ga. A Typical Norris Creation—The Almond Truffle. For Candy. 9,624; Mar. 15.
Nutrena Feed Mills, Inc., Kansas City, Kans. Makes Pert Little Pullets And Foxy Little Roosters. For Chicken Mash. 9,625; Mar. 15.
Reid, Murdoch & Co., Chicago, Ill. The Teenie Weenies. For Pickles. 9,626; Mar. 15.
Saxon Laboratories, Inc., Cleveland, Ohio. Kiddie Aids for Kiddie Aches. For Kiddie Aid Products. 9,627; Mar. 15.
Standard Oil Company (New Jersey), Bayonne, N. J. 'Flit Spells Profit' and 'Again Flit Will Lead.' For Insecticide. 9,628; Mar. 15.
Taylor, Thomas D., Philadelphia, Pa. Thursday Only. For Grocery and Foods. 9,629; Mar. 15.
Taylor, Thomas D., Philadelphia, Pa. Tuesday Only. For Grocery and Foods. 9,630; Mar. 15.
Weber, Gayle E., Cincinnati, Ohio. Premier Red Ash Coal. For Coal. 9,631; Mar. 15.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Aarons, Joseph J., & Co., New York, N. Y. Hats for men, women, and children. 240,285; Mar. 15.
Adamson, Isaac G., doing business as I. G. Adamson Company, San Benito, Tex. Fresh vegetables. 233,518; Mar. 15.
Alexander, Noble A., Denver, Colo. Cleansing and washing compound. 241,196; Mar. 15.
Allen, George B., doing business as American Pingolf Company, Atlanta, Ga. Outdoor or indoor game played with tenpins, balls, and a club. 242,767; Mar. 15.
Alpert, Samuel, doing business as United Tea Stores, Chicago, Ill. Tea, coffee, and spices. 233,051; Mar. 15.
Alpina, A. G., Gumligen, near Bern, Switzerland. Leathers. 241,764; Mar. 15.
American Disinfecting Company, Sedalia, Mo. Liquid compound for scrubbing inanimate hard surfaces. 240,392; Mar. 15.
American Lead Pencil Company, New York, N. Y. Carbon paper. 243,470; Mar. 15.
American Pingolf Company. (See Allen, George B.)
American Solvents & Chemical Corporation, New York, N. Y. Denatured alcohol, solvents, esters, ethers, fusel oil, etc. 240,579–80; Mar. 15.
Ames Shovel and Tool Company, Boston, Mass. Shovels, spades, and scoops. 243,637; Mar. 15.
Anderson, Alfred, doing business as Anderson Chemical Co., Litchfield, Minn. Washing powder. 242,561; Mar. 15.
Ansco Photoproducts, Inc., Binghamton, N. Y. Photographic goods. 243,471; Mar. 15.
Armstrong Cork Company, Pittsburgh, Pa. Fabric-faced sheets of cork composition. 239,284; Mar. 15.
Asbury Mills, The, New York, N. Y. Bathing suits, shoes, caps, scarfs, etc. 242,038; Mar. 15.
Babbitt, B. T., Inc., New York, N. Y. Boiler liquid concentrate comprising a compound for repairing leaks in hot-water and steam boilers. 236,359; Mar. 15.
Baker, Charles F., & Co. Inc., Boston, Mass. Shoe nails. 243,473; Mar. 15.
Baldur A. G. für Gärungslose Früchteverwertung, Berlin/Schoneberg, Germany. Beverages and sirups for making same and mineral water. 239,395; Mar. 15.
Barlett, Leo B., Dormont, Pa. Preparation for the treatment of diabetes. 243,411; Mar. 15.
Batson, Woode J., doing business as Spencer Popcorn Company, Spencer, Iowa. Raw pop corn. 224,226; Mar. 15.
Bauer, Charles, doing business as Vet Products Laboratory, Westbury, N. Y. Veterinary remedies. 239,875; Mar. 18.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Beacon Manufacturing Company, New Bedford, Mass., and Providence, R. I. Cotton blankets. 226,707–8; Mar. 15.
Bear, A. W., Commission Company, Kansas City, Mo. Dressed poultry and eggs. 238,003; Mar. 15.
Bee Jay Products Co. Inc., Long Island City, N. Y. Music in sheet and book form. 228,795; Mar. 15.
Bee Sweet Products Company. (See Crull, Henry J.)
Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' collars, pyjamas, underwear, etc. 242,876; Mar. 15.
Birmingham Paper Company, Birmingham, Ala. Writing paper, drawing paper, tablets, etc. 239,791; Mar. 15.
Bliss, Fabyan & Company, New York, N. Y. Bedspreads. 224,802; Mar. 15.
Blodgett, Warren Co., Boston, Mass. Toweling. 243,304; Mar. 15.
Bottlers Supply Company, Milwaukee, Wis. Ginger ale and sirups and extracts for making the same. 242,471; Mar. 15.
Brennan Packing Co., Chicago, Ill. Meat products. 241,691; Mar. 15.
Byk-Guldenwerke Chemische Fabrik, Berlin, Germany. Rennet preparations. 234,558; Mar. 15.
California Peach & Fig. Growers Association, Fresno, Calif. Dried figs. 242,278; Mar. 15.
Campbell, Horace L., Petersburg, Ill. Live chicks. 233,102; Mar. 15.
Capewell Horse Nail Company, The, Hartford, Conn. Horse nails. 243,688; Mar. 15.
Caucholo Coffee Company, New York, N. Y. Cocoa. 238,773; Mar. 15.
Chamberlin Metal Weatherstrip Company, Detroit, Mich. Weather strips. 242,168; Mar. 15.
Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Extirpating preparations for insects and plants, disinfectants, etc. 228,356–7; Mar. 15.
Child Study Association of America, Inc., New York, N. Y. Publications which include all magazines published monthly from October to May, inclusive. 241,519; Mar. 15.
Chopak Textile Co., Inc., New York, N. Y. Artificial-silk, silk, and cotton piece goods and combinations thereof. 175,236; Mar. 15.
Cleveland Oak Belting Co., The, Cleveland, Ohio. Leather belting. 240,242; Mar. 15.
Cohen, Joseph B., doing business as Kosher Dog Company, Chicago, Ill. Meat sausage. 216,149; Mar. 15.
Cohn Hall Marx Co., New York, N. Y. Silk goods in the piece. 243,082; Mar. 15.
Cohn, Jacob, doing business as Hay-Kold Chemical Company, Cincinnati, Ohio. Medicinal preparation for the treatment of hay fever and colds. 243,198; Mar. 15.
Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 233,109; Mar. 15.
Colwell Mfg. Co. (See Frederick, William H.)
Continental Paper & Bag Mills Corporation, New York, N. Y. Paper towels. 241,874; Mar. 15.
Cooper Underwear Company, Kenosha, Wis. Union suits of underwear of woven textile fabric for men and boys. 241,929; Mar. 15.
Corinna Chemical Corporation, now by change of name Corinna Products Corporation, New York, N. Y. Face creams, hand creams, face lotions, liquid face powder, skin tonics, etc. 232,663; Mar. 15.
Corn Products Refining Company, New York, N. Y. Starch for laundry and manufacturing purposes. 240,700; Mar. 15.
Cousins, Charles C., jr., Brooklin, Me. Sleds. 242,880; Mar. 15.
Cro-Zo Manufacturing Co., Los Angeles, Calif. Preparation for preventing and destroying corrosion on the terminals of storage batteries. 242,710; Mar. 15.
Crull, Henry J., doing business as Bee Sweet Products Company, Huntington, Ind. Candy. 243,199; Mar. 15.
Curtiss Candy Company, The, Chicago, Ill. Beverages and compounds for making same. 243,422; Mar. 15.
Curtiss Candy Company, The, Chicago, Ill. Chewing gum. 243,425; Mar. 15.
Davies Products, Incorporated, St. Paul, Minn. Varnish-like finish for wood and cut surfaces. 242,780–1; Mar. 15.
Da-Z Mfg. Co. (See Rumpf, Gustav A.)
Debow & Co., Newark, N. J. Fresh eggs. 241,935; Mar. 15.
De Leamont, Julienne. (See Porier, Paul E.)
Detroit Range Boiler & Steel Barrel Company, Detroit, Mich. Gas water heaters. 240,809; Mar. 15.
Diehl, Albert M., doing business as The Diehl Steel Co., Cincinnati, Ohio. Tool steel. 242,284; Mar. 15.
Dodge & Seymour, Ltd., New York, N. Y. Men's and women's hosiery. 243,084; Mar. 15.
Doerr & Reinhart, Worms, Germany. Leather. 239,576; Mar. 15.
Dolge, C. B., Co., The, Westport, Conn. Pine deodorizer, disinfectant, etc. 242,228; Mar. 15.
Douglas Pectin Corporation, Rochester, N. Y. Pectin. 237,268; Mar. 15.
Downey, Michael E., Chicago, Ill. Insect exterminator. 233,199; Mar. 15.
Duborel Corporation, The, Jersey City, N. J. Tooth paste, mouth wash, tooth powder, and dental massage paste. 243,202; Mar. 15.
Ehle & Hagemann, Brooklyn, N. Y. Razors and barbers' shears. 238,115; Mar. 15.
Electric Refrigeration Corporation. (See Leonard Refrigerator Company, assignor.)
Epicol Products Company, Minneapolis, Minn. Mouth wash. 243,483; Mar. 15.
Epley, Clarence W., doing business as C. W. Epley Oil Company, Gettysburg, Pa. Gasoline. 229,672; Mar. 15.
Erdle and Prange, New York, N. Y. Dentures and denture parts. 242,647; Mar. 15.
Escondido Citrus Union, Escondido, Calif. Fresh citrous fruits. 240,175; Mar. 15.
Ex Lax Manufacturing Co., New York and Brooklyn, N. Y. Pharmaceutical preparation. 243,308; Mar. 15.
Ferroxanti World Syndicate Inc., New York, N. Y. Boiler and metal treatment against corrosion, pitting, etc. 242,074; Mar. 15.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Rubber tires, rubber inner tubes, etc. 243,145; Mar. 15.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Rubber cement. 243,147; Mar. 15.
Fitzpatrick Bros., Chicago, Ill. Cleaning and scouring compound. 241,711; Mar. 15.
Fleetwood Laboratories, Inc., New York, N. Y. Radio receiving sets, radio transmitting and receiving vacuum tubes, etc. 239,402; Mar. 15.
Fowler, Ezra, doing business as Fowler & Company, Dallas, Tex. Cereal breakfast foods. 241,882; Mar. 15.
Frederick, William H., doing business as Colwell Mfg. Co., St. Paul, Minn. Ointment for poison ivy, etc. 243,047; Mar. 15.
Furia, Frank, Joliet, Ill. Liniment for the treatment of rheumatism. 243,263; Mar. 15.
General Dyestuff Corporation, New York, N. Y. Coal-tar dyes, disinfectants, preservatives, etc. 242,370; Mar. 15.
George Bros. Mfg. Co., New York, N. Y. Shoe polishes and shoe creams. 242,478; Mar. 15.
Gibson, Guy T., Incorporated, New York, N. Y. Toilet lotions, toilet waters, sachets, perfumes, etc. 242,719; Mar. 15.
Golden Mermaid Products Co., Atlantic City, N. J. Face creams, skin creams, face powders, skin lotions, etc. 240,074; Mar. 15.
Gram, Arthur J., Winnetka, Ill. Wood preservative in the nature of a chemical. 234,437; Mar. 15.
Grant, D. H., & Co., New York, N. Y. Cotton goods in the piece. 243,489; Mar. 15.
Great Northern Chemical Company, San Francisco, Calif. Cleaning fluid for closet bowls and urinals. 242,000; Mar. 15.
H & P Company, Carlisle, Pa. Toy furniture. 240,783; Mar. 15.
Hager, Clark & Co., New York, N. Y. Woolen and worsted piece goods. 243,048; Mar. 15.
Hager, Clark & Co., New York, N. Y. Woolen and worsted piece goods. 243,050; Mar. 15.
Hager, Clark & Co., New York, N. Y. Woolen and worsted piece goods. 243,055; Mar. 15.
Hamblin & Russell Manufacturing Company, Inc., Worcester, Mass. Kitchen strainer and fry baskets. 243,151; Mar. 15.
Hamilton Seed & Coal Co., Cedar Rapids, Iowa. Farm and garden seeds. 242,001; Mar. 15.
Hay-Kold Chemical Company. (See Cohn, Jacob.)
Haynes, William J., Kansas City, Mo. Swimming floats for bathers. 242,587; Mar. 15.
Hays Manufacturing Company, Erie, Pa. Compression bibs or faucets. 242,183; Mar. 15.
Hays Manufacturing Company, Erie, Pa. Compression bibs or faucets, compression stopcocks, shut-off waste tubes, etc. 242,185; Mar. 15.
Hays Manufacturing Company, Erie, Pa. Compression bibs, compression faucets, etc. 242,186; Mar. 15.
Hays Manufacturing Company, Erie, Pa. Compression sink fixtures or faucets, etc. 242,187; Mar. 15.
Hays Manufacturing Company, Erie, Pa. Compression basin cocks or faucets. 242,188–9; Mar. 15.
Hays Manufacturing Company, Erie, Pa. Compression stop and waste cocks and compression stopcocks. 242,190; Mar. 15.
Hays Manufacturing Company, Erie, Pa. Compression stop and waste cocks. 242,191; Mar. 15.
Helpa Products Corporation, Hoboken, N. J. Solvent cleanser, water softener, and boiler compound. 242,480; Mar. 15.
Henry Bros. & Co., San Francisco, Calif. Pants, overalls, jumperalls, and play suits. 242,722; Mar. 15.
Hickman & Coward, Buffalo, N. Y. Butter and eggs. 225,360; Mar. 15.
Holland Brass Works, Inc., Chicago, Ill. Prie-dieus. 225,922; Mar. 15.
Hollingshead, R. M., Co., The, Camden, N. J. Hand soap. 237,268; Mar. 15.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Homan, John G., doing business as The New Science Institute, Steubenville, Ohio. Appliances for retaining supporting pads and trusses in position. 243,760; Mar. 15.

Hopewell Brothers, Watertown, Mass. Devices for controlling the supply of ignitible hydrocarbon mixtures to internal-combustion engines. 230,887; Mar. 15.

Hopkinsville Milling Co., Hopkinsville, Ky. Wheat flour. 242,282; Mar. 15.

Horrockses, Crewdson & Co., Limited, Preston and Manchester, England. Sheets and pillowcases. 243,363; Mar. 15.

Hoyland Flour Mills Company, Kansas City, Mo. Cereal breakfast food. 242,232; Mar. 15.

Hoyle, Joshua, & Sons, Ltd. Inc., New York, N. Y. Beach robes, bath gowns, and bath robes. 241,103; Mar. 15.

Hoyle, Joshua, & Sons, Ltd. Inc., New York, N. Y. Beach robes, bath gowns, and bath robes. 241,105; Mar. 15.

Hudnut, Richard, New York, N. Y. Perfume. 242,338–9; Mar. 15.

Hutto Engineering Co., Detroit, Mich. Cylinder grinders and devices. 227,233; Mar. 15.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-Main and Ludwigshafen-on-Rhine, Germany. Dyestuffs. 241,660; Mar. 15.

Illinois Fruit Growers Exchange, Centralia, Ill. Fruits and fresh vegetables. 242,591; Mar. 15.

Industrial Specialty Corporation, West Springfield, Mass. Combination of steel wool and holders therefor. 242,539; Mar. 15.

Irving Airchute Company, Inc., Buffalo, N. Y. Parachutes, parachute packs, etc. 243,365–7; Mar. 15.

Jones & Hensley, Los Angeles, Calif. Candy. 235,142; Mar. 15, 1927.

K-K Solder Company, Seattle, Wash. Cold solder. 242,006; Mar. 1.

K-R-O Company. (See Rat Biscuit Company.)

Kakao-Kompagnie Theodor Reichardt G. m. b. H. Wandsbek, Hamburg, Germany. Cocoa powder and products. 235,649; Mar. 15.

Kansas Milling Company, The, Wichita, Kans. Wheat flour. 243,217; Mar. 15.

Kay, Theodore, Kirkland, Wash. Automobile robes. 242,954; Mar. 15.

Keapsit Bottle Company, The, Cincinnati, Ohio. Vacuum bottles and containers. 242,836; Mar. 15.

Kellogg Company, Battle Creek, Mich. Cereal breakfast food. 206,671; Mar. 15.

King of All Cleaner Company, Atlantic, Iowa. Liquid preparation for cleaning the hands. 207,083; Mar. 15.

Knotzsch, Harry E., Toledo, Ohio. Compound for the blood and stomach, medicinal tea, etc. 239,118; Mar. 15.

Knox Hosiery Mills, Cleveland, Tenn. Hosiery. 240,982; Mar. 15.

Kosher Dog Company. (See Cohen, Joseph B.)

Kotex Company, Chicago, Ill. Sanitary napkins. 243,764; Mar. 15.

Kuntz-Simons, Inc., New York, N. Y. Men's straw hats. 235,781; Mar. 15.

Kurfees, J. F., Paint Company, Incorporated, Louisville, Ky. Varnish, japan, filler, and prepared shellac. 241,731; Mar. 15.

La France Laboratories, Inc., New York, N. Y. Cough medicine. 242,898; Mar. 15.

Larsen Company, The, doing business as The Wm. Larsen Canning Co., Green Bay, Wis. Canned vegetables. 228,916; Mar. 15.

Lee-Strauss Company, Johnstown, Pa. Citrate of magnesia. 242,541; Mar. 15.

Leonard Refrigerator Company, Grand Rapids, assignor to Electric Refrigeration Corporation, Detroit, Mich. Refrigerators and refrigerator parts. 235,152; Mar. 15.

Leonardt, D., and Company, Birmingham, England. Metallic pens. 242,234; Mar. 15.

Leslie Research Company, Inc., New York, N. Y. Nasal cream. 239,531; Mar. 15.

Libbey Glass Manufacturing Company, The, Toledo, Ohio. Articles of glassware. 240,268; Mar. 15.

Lion Typewriter Supplies Company, Limited, London, England. Stencil paper. 240,986; Mar. 15.

Lockport Cotton Batting Co., Lockport, N. Y. Cotton or wool batting. 242,343–4; Mar. 15.

Lockport Paper Company, Lockport, N. Y. Building felts. 242,015; Mar. 15.

Loft, Inc., New York, N. Y. Candies. 243,224; Mar. 15.

Loma Rica Ranch, Grass Valley, Calif. Fresh pears, apples, plums, cherries, and potatoes. 243,863; Mar. 15.

Mack, John F., doing business as John F. Mack Co., Springfield, Ohio. Malt sirups for food purposes. 232,503; Mar. 15.

Marlboro Wire Goods Company, Marlboro, Mass. Dish drainers, sponge holders, soap dishes, toothbrush holders, etc. 222,516; Mar. 15.

McCreery, James, & Company, New York, N. Y. Hosiery, shawls, ruffs, collars, underwear, etc. 241,880; Mar. 15.

McDavitt, William E., doing business as McDavitt Brothers, Brownsville, Va. Vegetables. 234,220; Mar. 15.

McDermott, H. W., doing business as H. W. McDermott & Co., Seattle, Wash. Candy. 241,489; Mar. 15.

Mendelson Sportwear, Inc., New York, N. Y. Women's coats, suits, dresses, sweaters, knickers, hosiery, etc. 235,519; Mar. 15.

Michigan Seating Company, Jackson, Mich. Upholstered furniture. 242,346; Mar. 15.

Midcontinent Map Company, Tulsa, Okla. Maps. 238,865; Mar. 15.

Midland Chemical Laboratories, Inc., Dubuque, Iowa. General household cleaning preparations, dry cleaners, metal polish, etc. 236,765; Mar. 15.

Miller, Polk, Products Corporation, Richmond, Va. Animal medicine. 240,214; Mar. 15.

Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Composition soles for shoes. 239,665; Mar. 15.

Moeller, A. J., Pickle Co., San Francisco, Calif., Pickles, chowchow, pickled onions, etc. 223,651; Mar. 15.

Moler, Van. B., Co. Inc., New York, N. Y. Hosiery. 238,732; Mar. 15.

Morris and Company, Incorporated, Baltimore, Md. Underwear. 242,019; Mar. 15.

Morris, Jos. A., & Co., New York, N. Y. Heading for a newspaper section. 243,102; Mar. 15.

Munn, A. R., Inc., Atlanta, Ga. Toothbrushes. 242,842; Mar. 15.

National Asbestos Shingle Corporation, New York, N. Y. Shingles. 242,688; Mar. 15.

National Gypsum Company, Buffalo, N. Y. Wall board. 242,389; Mar. 15.

National Life and Accident Insurance Company, Nashville, Tenn. House organ. 242,437; Mar. 15.

Neely, Harwell & Co., Nashville, Tenn. Overalls and work shirts. 241,429; Mar. 15.

Neurath, Jakob, Vienna, Austria. Bearing metals. 242,489; Mar. 15.

New Science Institute, The. (See Homan, John G.)

News Publishing Company, Atlantic City, N. J. Newspaper. 236,128; Mar. 15.

Neyman, Max, Brooklyn, N. Y. Knitted woolen cloths in the piece. 243,105; Mar. 15.

Nokrode Company, Galveston, Tex. Adhesive coating for metal. 243,660; Mar. 15.

North American Coal Corporation, The, Cleveland, Ohio. Coal, carbonized fuel, and coke. 242,491–3; Mar. 15.

Northrup, King & Co., Minneapolis, Minn. Lawn-grass seed. 242,689; Mar. 15.

Oberman, D. M., Mfg. Co., Jefferson City, Mo., and New York, N. Y. Men's lumberjack shirts and trousers, work shirts, and trousers. 240,922; Mar. 15.

O'Connell, Katherine, Denver, Colo. Candies and salted nuts. 243,277; Mar. 15.

Odell Company, Inc., The, Newark, N. J. Hair-color restorer. 242,494; Mar. 15.

O'Hern, Strack & O'Hern, Indianapolis, Ind. Women's hats. 242,244; Mar. 15.

Oriental Silk Printing Company, Haledon, N. J., and New York, N. Y. Textile fabrics. 243,011; Mar. 15.

Orlandi's, Dr., Henith Prod. Co., Philadelphia, Pa. Lozenges. 238,389; Mar. 15.

Palami Products Co. (See Silverman, Irving.)

Paper Novelty Company, The, Green Bay, Wis. Sanitary napkins. 243,322; Mar. 15.

Pattison, A. T., & Co., New Orleans, La. Shingles, ridge tiles, and sheets composed of asbestos fiber and cement. 241,787; Mar. 15.

Payne, Ernest W., Racine, Wis. Sirup for making soft drinks. 242,794; Mar. 15.

Perco Cereal Co., Inc., Fort Worth, Tex. Cereal beverage compounds. 239,673; Mar. 15.

Perco Cereal Co., Inc., Fort Worth, Tex. Cereal beverage compounds. 239,675; Mar. 15.

Perkins & Willmott, Inc., Upton, Mass. Toy figures made of wood. 242,611; Mar. 15.

Picot Company, The. (See Valldejuli, Manuel S.)

Pinkham, Bertrand M., Scituate, Mass. Liquid inhalant. 236,436; Mar. 15.

Pisani, Dom Proto, Los Angeles, Calif. Fresh citrous and deciduous fruits and fresh grapes. 237,693; Mar. 15.

Pittsburg and Midway Coal Mining Company, The, Kansas City, Mo. Coal. 241,902; Mar. 15.

Planator Gear Shift Company, Los Angeles, Calif. Vacuum gear-shifting device. 235,316; Mar. 15.

Porier, Paul E., doing business as Julienne de Leamont, Detroit, Mich. Preparation for the complexion. 239,623; Mar. 15.

Porter, C. O., Machinery Company, The, Grand Rapids, Mich. Power-feed facing planers, hand jointers, shapers, etc. 243,665; Mar. 15.

Portland Supply Co., Portland, Oreg. Cane and maple sirup. 242,615; Mar. 15.

Premier Appliance Co., Inc., Philadelphia, Pa. Cream toilet and shaving soap. 200,829; Mar. 15.

Prochaska, F., Ltd., Prague, Czechoslovakia. Soaps. 235,069; Mar. 15.

Pro-Tex-All Sanitary Products Co. (See Silverman, Isadore.)

Purity Paper Vessels Company, The, Baltimore, Md. Paper cans. 238,918; Mar. 15.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Purity Paper Vessels Company, The, Baltimore, Md. Cylindrical paper cans. 242,906; Mar. 15.

Quality Hardware and Machine Co., Chicago, Ill. Vacuum cleaners. 242,907; Mar. 15.

Rand Kardex Bureau, Inc., Tonawanda, N. Y. Blank and partially-printed cards and forms for indexes, etc. 242,618; Mar. 15.

Rat Biscuit Company, The, doing business as K-R-O Company, Springfield, Ohio. Exterminator for rats. 243,624; Mar. 15.

Ravol Company, Chicago, Ill. Soapless shampoo preparation. 241,745; Mar. 15.

Rea-Patterson Milling Company, The, Coffeyville, Kans. Wheat flour. 243,113; Mar. 15.

Rednall, C. F., Marysville, Calif. Dried, canned, fresh deciduous, and fresh citrous fruits. 241,350; Mar. 15.

Red Sun Products Co., Chicago, Ill. Hop-flavored malt sirup. 242,800; Mar. 15.

Reliance Paper & Twine Mills, New York, N. Y. Wrapping paper, marking and pattern paper, and tissue paper. 236,852; Mar. 15.

Rhoads, J. E., & Sons, Philadelphia, Pa. Valve leathers, leather valve washers and disks. 229,586; Mar. 15.

Rice-Stix Dry Goods Company, St. Louis, Mo. Women's textile-fabric underwear. 237,387; Mar. 15.

Richardson Dry Goods Co., St. Joseph, Mo. Shirts, pants, overalls, etc. 235,232; Mar. 15.

Ring-Ting Candy Shop, Evanston, Ill. Candy and salted nuts. 225,577; Mar. 15.

Riteall Checkwriter Corporation, New York, N. Y. Check-printing machines. 241,959; Mar. 15.

Rose Field Packing Co. (See Rosenfield, J. L.)

Rosenfield, J. L., doing business as Rose Field Packing Co., Alameda, Calif. Honey, peanut butter, tea, coffee, etc. 239,317; Mar. 15.

Ross, Arthur D., Boston, Mass. Medicinal tablets. 232,697; Mar. 15.

Rumpf, Gustav A., doing business as Da-Z Mfg. Co., Jenkintown, Pa. Liquid polish for cleaning and polishing. 241,185; Mar. 15.

Sacks, Louis, Inc., doing business as Louis Sacks Iron Laundry, Newark, N. J. Metal heel plates for boots and shoes. 243,864; Mar. 15.

Sani-Vapor Co., The. (See Winchester, C. C.)

Santa Maria Italian Educational and Industrial Home, The, Cincinnati, Ohio. Periodical publication. 242,550; Mar. 15.

Schluderberg, Wm., T. J. Kurdle Co., The, Baltimore, Md. Lards, creamery butter, etc. 166,270; Mar. 15.

Schoettle, Edwin J., Company, Philadelphia, Pa. Cardboard boxes. 248,501; Mar. 15.

Schweitzer and Conrad, Chicago, Ill. Fuse mountings, relays, supports, switches, choke coils, etc. 241,748; Mar. 15.

Seiden, Clarence C., & Co., Los Angeles, Calif. Plant fibers, thread, and yarn. 221,778; Mar. 15.

Silverman, Irving, doing business as Palami Products Co., Brooklyn, N. Y. Cleansing and scouring preparation. 243,236; Mar. 15.

Silverman, Isadore, doing business as Pro-Tex-All Sanitary Products Co., Evansville, Ind. Roach insecticide or powder. 243,289; Mar. 15.

Simons & Struve Hosiery Company, The, Philadelphia, Pa. Children's stockings. 241,580; Mar. 15.

Skiles, Ross L., McClure, Ill. Healing salve. 243,290; Mar. 15.

Smidth, F. L., & Co., New York, N. Y. Conveyers for cement clinker and the like. 241,845; Mar. 15.

Società Anonima Italiana Ing. Nicola Romeo & C., Milan, Italy. Motor cars. 235,434; Mar. 15.

Société Anonyme Etablissements Reynier, Grenoble, France. Leathers and hides. 239,629; Mar. 15.

Society Maid Needlecraft Co., Brooklyn, N. Y. Unfinished art embroideries and stamped fabrics. 241,964; Mar. 15.

Socolof, Jos., Co., Inc., Brooklyn, N. Y. Canned vegetables and fruits. 242,628; Mar. 15.

Soilife Humus Company, Inc., The, Buffalo, N. Y. Fertilizers. 240,324; Mar. 15.

Southern Pine Remedies, Incorporated, Dover, Del. Healing oil for the treatment of cuts, burns, bruises, sunburn, etc. 242,758; Mar. 15.

Spartan Mills, Spartanburg, S. C. Cotton piece goods for shirting. 242,694; Mar. 15.

Spencer Popcorn Company. (See Batson, Woode J.)

Standard Mattress and Furniture, Inc., San Diego, Calif. Mattresses. 243,669; Mar. 15.

Stemor Company, Inc., New York, N. Y. Transfer patterns for embroidery. 239,684; Mar. 15.

Stern & Sayer, New York, N. Y. Cloth garments. 242,513; Mar. 15.

Stocking, Fanny H., Washington, D. C. Invalids' tricycles or wheel chairs. 243,462; Mar. 15.

Sweetwater Fruit Company, Bonita, Calif. Fresh citrous fruits. 237,575; Mar. 15.

Swift and Company, Chicago, Ill. Fertilizer. 231,170; Mar. 15.

Tomahawk Kraft Paper Co., Tomahawk, Wis. Wrapping paper. 242,866; Mar. 15.

Transport Supply Co. Ld., The, Dallam, Warrington, England. Solder in combination with a flux. 242,450; Mar. 15.

Traun & Söhne, Dr. Heinr., vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany. Hard-rubber material in sheet or tubular form. 230,061; Mar. 15.

Treman, King & Co., Ithaca, N. Y. Prepared roofing. 240,226; Mar. 15.

Triangle Building Material Co., Inc., New York and Woodhaven, N. Y. Asbestos shingle roofing. 242,157; Mar. 15.

Tripoli Barber's Supply Co. Inc., Philadelphia, Pa. Hair tonic. 242,928; Mar. 15.

Twinkles Specialty Company, St. Louis, Mo. Hosiery. 241,752; Mar. 15.

United States Quarry Tile Company, The, Parkersburg, W. Va. Quarry tile. 214,504; Mar. 15.

United Tea Stores. (See Alpert, Samuel.)

Valldejuli, Manuel S., doing business as The Picot Company and The Picot Co., Buffalo, N. Y. Diuretic stimulant with vitamines. 240,461; Mar. 15.

Van Dyke, James E., New York, N. Y. Periodical. 240,376; Mar. 15.

Van Vleet-Mansfield Drug Co., Memphis, Tenn. Medicinal tonic and liver invigorator. 240,635; Mar. 15.

Vestal Chemical Co., St. Louis, Mo. Floor-waxing product. 242,636; Mar. 15.

Vet Products Laboratory. (See Bauer, Charles.)

Viking Laboratories, Incorporated, Charleston, W. Va. Chemicals and chemical preparations for cleaning the outlet pipes of sinks, bathtubs, and washbowls. 242,455; Mar. 15.

Wallace Addressing Machine Company, Inc., New York, N. Y. Stencils. 242,321; Mar. 15.

Walther & Company, Inc., New York, N. Y. Safety paper such as is used for bank checks, tickets, etc. 242,033; Mar. 15.

Warland, H. G., Corp., The New York, N. Y. Silk piece goods. 242,975; Mar. 15.

Weill & Callman, New York, N. Y. Silk piece goods. 243,901; Mar. 15.

Weisbaum Bros.-Brower Co., The, Cincinnati, Ohio. Neckties. 242,698; Mar. 15.

Wellsville Fire Brick Company, Wellsville, Mo. Refactory fire-brick material in plastic form. 242,641; Mar. 15.

West Side Wholesale Grocery Co., Chicago, Ill. Coffee, canned pork and beans, catchup, olives, pickles, etc. 203,551; Mar. 15.

White Sewing Machine Corporation, Cleveland, Ohio. Sewing machines. 235,241; Mar. 15.

Willys-Overland Company, The, Toledo, Ohio. Passenger-carrying automobiles. 243,836; Mar. 15.

Winchester, C. C., doing business as The Sani-Vapor Co., Atlanta, Ga. Disinfectant. 241,309; Mar. 15.

Woolen Corporation of America, The, New York, N. Y. Fabrics of wool, worsted, cotton, silk, or rayon fiber or combinations thereof. 240,381; Mar. 15.

Woolfolk, J. W., Company, Inc., The, Fort Valley, Ga. Insecticides and fungicides. 231,424; Mar. 15.

Wreford, William B., Detroit, Mich. Overshoes. 241,916; Mar. 15.

Yankee Dry Corporation, Brooklyn, N. Y. Nonalcoholic, maltless beverages sold as soft drinks. 242,647; Mar. 15.

York Manufacturing Co. Inc., New York, N. Y. Cloth in the piece. 241,975; Mar. 15.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Ice. Denver Ice & Cold Storage Co. 225,440; Mar. 15.

Leather for shoes, harness, and gloves. Albert Trostel & Sons. 60,818; renewed Feb. 19, 1927.

Leather, Patent side. Seton Leather Co. 62,368; renewed Apr. 30, 1927.

Leather with the exception of patent calf leather, Calf. Geo. F. Werner's Son. 60,967; renewed Feb. 26, 1927.

CLASS 2.

Bags, Paper, fiber, etc. John M. Driver Company. 225,423; Mar. 15; Serial No. 225,914; published Jan. 4, 1927.

Boxes. Face Corporation. 225,185; Mar. 15; Serial No. 236,367; published Dec. 28, 1926.

Boxes. Cardboard. Edwin J. Schoettle Company. 225,243; Mar. 15; Serial No. 240,505; published Jan. 4, 1927.

CLASS 4.

Abrasive and polishing materials. Norton Company. 63,338; renewed June 18, 1927.
Abrasive and polishing materials, tools, implements, and machinery. Norton Company. 64,093; renewed July 23, 1927.
Cleaner, Shoe. F. A. Blichert Mfg. Co. 225,303; Mar. 15; Serial No. 239,019; published Dec. 28, 1926.
Polish and dressing, Shoe. L. C. Markatos. 225,417; Mar. 15; Serial No. 227,460; published Nov. 2, 1926.
Polishes, dressings, etc., Shoe. Salamander Schuhgesellschaft m. b. H. 225,405; Mar. 15; Serial No. 237,701; published Dec. 28, 1926.
Soap. V. de Messimy. 225,336; Mar. 15; Serial No. 238,052; published Dec. 28, 1926.
Soap and shaving creams. Medifoam Company. 225,313; Mar. 15; Serial No. 230,754; published Jan. 4, 1927.
Soap, Gritty hand. Tryit Products Company. 225,347; Mar. 15; Serial No. 228,876; published Jan. 4, 1927.
Soap powder. Lever Brothers Company. 63,471; renewed June 25, 1927.

CLASS 6.

Acid, ethyl chloride, etc., Salicylic. Société Chimique des Usines du Rhône. 225,391; Mar. 15; Serial No. 235,082; published Jan. 4, 1927.
Ammonium carbonate, barium carbonate, etc. Chem. Fabriken Kunheim & Co. A. G. 225,321; Mar. 15; Serial No. 232,889; published Jan. 4, 1927.
Anilin colors and blue. Heller & Merz Co. 63,642; renewed July 2, 1927.
Antiseptic powder. E. E. Rhoads. 225,302; Mar. 15; Serial No. 239,063; published Jan. 4, 1927.
Antiseptic solution, a pharmaceutical preparation. O. A. Johnson. 225,338; Mar. 15; Serial No. 238,120; published Dec. 28, 1926.
Antiseptic vaginal suppositories. Hance Brothers & White Inc. 225,356; Mar. 15; Serial No. 239,652; published Dec. 28, 1926.
Baking powder. Woolson Spice Company. 225,392; Mar. 15; Serial No. 239,553; published Dec. 28, 1926.
Baking powder, bluing, gloss starch, etc. Kansas City Wholesale Grocery Co. 225,186; Mar. 15; Serial No. 236,272; published Jan. 4, 1927.
Balm, Pain relieving. F. T. Sheehan. 225,234; Mar. 15; Serial No. 238,293; published Jan. 4, 1927.
Balsams for burns, wounds, etc. A. B. Young. 225,416; Mar. 15; Serial No. 227,929; published Jan. 4, 1927.
Bitters. I. Monheimer. 61,260; renewed Mar. 12, 1927.
Bleach for washing clothes, etc., Liquid. A. Lucati. 225,375; Mar. 15; Serial No. 238,324; published Jan. 4, 1927.
Chemical cleaner for lavatory, sink, or other drains. Scale Solvent & Products Co. 225,369; Mar. 15; Serial No. 238,461; published Jan. 4, 1927.
Composition for internally stopping leaks in radiators, boilers, etc., and for eliminating rust and preventing corrosion and formation of scale. E. R. Tolfree. 225,309; Mar. 15; Serial No. 234,011; published Dec. 28, 1926.
Compound for scale preventing and removing from boilers, Liquid. North American Fibre Products Company. 225,383; Mar. 15; Serial No. 239,422; published Dec. 28, 1926.
Compound for sustained oral (mouth) medication. A. D. Goldstein. 225,130; Mar. 15; Serial No. 240,187; published Jan. 4, 1927.
Compound for treating motor fuels. Dyestuffs & Chemicals, Inc. 225,292; Mar. 15; Serial No. 239,296; published Dec. 28, 1926.
Compound, Silver-plating. F. Jones. 225,221; Mar. 15; Serial No. 238,585; published Jan. 4, 1927.
Cough drops. J. Weisberger. 225,376; Mar. 15; Serial No. 238,295; published Dec. 28, 1926.
Cream, Cold. P. P. Mülhens. 225,273; Mar. 15; Serial No. 227,134; published Oct. 5, 1926.
Cream, Throat and nasal. J. W. Fleming. 225,411; Mar. 15; Serial No. 237,856; published Dec. 28, 1926.
Cream, Vanishing. P. P. Mülhens. 225,274; Mar. 15; Serial No. 227,133; published Oct. 5, 1926.
Creams, shaving lotion, hair tonic, etc., Toilet, facial, and almond. I. McEwen. 225,296; Mar. 15; Serial No. 239,185; published Jan. 4, 1927.
Dentifrice. F. F. Ingram. 60,851; renewed Feb. 19, 1927.
Dentifrice, Liquid. J. G. Hindy. 225,271; Mar. 15; Serial No. 229,442; published June 1, 1926.
Disinfectants, deodorants, etc. W. R. Powell. 225,132; Mar. 15; Serial No. 240,152; published Jan. 4, 1927.
Dyes and colorings, etc., Hair. L'Oreal, Inc. 225,318; Mar. 15; Serial No. 232,276; published Jan. 4, 1927.
Exterminator, Rat and roach. Stearns' Electric Paste Co. 60,395–6; renewed Feb. 5, 1927.
Exterminator, Rat and roach. Stearns' Electric Paste Co. 61,655; renewed Apr. 2, 1927.
Exterminator, Rat and roach. Stearns' Electric Paste Co. 63,294; renewed June 11, 1927.
Extract or preparation of the pancreas gland. Fairchild & Bros. & Foster. 60,625; renewed Feb. 12, 1927.
Fumigant briquettes. Safety Fumigant Company. 225,155; Mar. 15; Serial No. 239,825; published Jan. 4, 1927.
Gum, Chewing. Slends, Inc. 225,306; Mar. 15; Serial No. 234,349; published Jan. 4, 1927.
Hair restorer and straightener. I. Douglas. 225,398; Mar. 15; Serial No. 237,446; published Dec. 28, 1926.
Hair-treating substances. S. Lemur Company. 225,143; Mar. 15; Serial No. 240,036; published Dec. 28, 1926.
Hormone from ovaries, being soluble in water, Standardized. N. V. Organon tot Bereiding von Organ-Preparaten op. Wetenschappelijken Grondslag. 225,189; Mar. 15; Serial No. 236,173; published Jan. 4, 1927.
Impregnated cloth wrapper to protect against rust. Dearborn Chemical Company. 225,227; Mar. 15; Serial No. 238,709; published Dec. 28, 1926.
Insecticide and preparation for use in the treatment of insect bites. I. H. Hall. 225,233; Mar. 15; Serial No. 238,852; published Jan. 4, 1927.
Insecticides. Bing Mfg. Co. 225,312; Mar. 15; Serial No. 231,137; published Jan. 4, 1927.
Insecticides, fungicides, economic poisons, etc. Bayer Company. 225,427; Mar. 15; Serial No. 239,695; published Dec. 28, 1926.
Iodized medicinal sirup. Virginia Dare Extract Co. 225,429; Mar. 15.
Laxative. Cumberland Chemical Company. 225,160; Mar. 15; Serial No. 239,744; published Dec. 28, 1926.
Laxative tablet. O. R. von Bonnewitz. 225,311; Mar. 15; Serial No. 231,707; published Sept. 28, 1926.
Laxative tablets. Gilbert Bran-O-Lax Co. Inc. 225,435; Mar. 15.
Laxatives. Stearns & Curtius. 63,203; renewed June 11, 1927.
Medical pharmaceutical preparations. P. S. Gehris. 225,335; Mar. 15; Serial No. 238,016; published Dec. 28, 1926.
Medical preparation. Knoll & Co. 61,255; renewed Mar. 12, 1927.
Medicated adhesive tape. Comfi-tape Laboratory. 225,294; Mar. 15; Serial No. 239,236; published Jan. 4, 1927.
Medicated stock foods. Dr. Hess & Clark. 62,206–7; renewed Apr. 23, 1927.
Medicated stock foods. Dr. Hess & Clark. 62,311; renewed Apr. 30, 1927.
Medicinal compounds. Knoll & Co. 61,165; renewed Mar. 5, 1927.
Medicinal compounds for treating gallstones, liver diseases, etc. P. Silfverberg. 225,149; Mar. 15; Serial No. 239,900; published Dec. 28, 1926.
Medicinal liquor. U. Briganti. 225,308; Mar. 15; Serial No. 234,190; published Dec. 28, 1926.
Medicinal preparation. C. R. Johnson. 225,144; Mar. 15; Serial No. 240,027; published Dec. 28, 1926.
Medicinal preparation. Eli Lilly and Company. 225,344; Mar. 15; Serial No. 222,852; published Dec. 28, 1926.
Medicinal preparation. C. E. Stoner. 225,310; Mar. 15; Serial No. 233,627; published Dec. 28, 1926.
Medicinal preparation for antiseptic and germicidal application. American Beslin Corporation. 225,152; Mar. 15; Serial No. 239,873; published Dec. 28, 1926.
Medicinal preparation for use in the treatment of indigestion, sour stomach, etc. C. O. Pickard. 229,159; Mar. 15; Serial No. 239,766; published Dec. 28, 1926.
Medicinal preparation used as a laxative. William R. Warner & Co. Inc. 225,228; Mar. 15; Serial No. 238,760; published Dec. 28, 1926.
Medicinal preparation used in the treatment of lung complaints, asthma, etc. J. M. E. M. C. W. Drug Co. 225,129; Mar. 15; Serial No. 240,189; published Jan. 4, 1927.
Medicine. Hausman Drug Co. Inc. 64,140; renewed July 23, 1927.
Medicine, etc., Cold and la grippe. S. Davis. 225,363; Mar. 15; Serial No. 224,003; published Jan. 4, 1927.
Medicine, Cough. I. H. Bock. 225,196; Mar. 15; Serial No. 235,681; published Dec. 28, 1926.
Medicine for the treatment of paralysis in horses and mules. Dr. W. G. Shively, D. V. S., & Company. 225,374; Mar. 15; Serial No. 238,345; published Dec. 28, 1926.
Medicines for blood diseases of horses, mules, and cattle. C. F. Cutler. 61,402; renewed Mar. 19, 1927.
Oils for treating textile fibers. E. F. Houghton & Co. 225,299; Mar. 15; Serial No. 239,113; published Dec. 28, 1926.
Oily medication for the treatment of the various nasal, etc., affections. Munsch & Co. 225,142; Mar. 15; Serial No. 240,038; published Dec. 28, 1926.
Ointments. Foster-McClellan Company. 63,779; renewed July 9, 1927.
Perfume, toilet water, compacts, rouge, etc. Marshall Field & Company. 225,220; Mar. 15; Serial No. 238,579; published Dec. 28, 1926.
Perfume, toilet water, face powder, nail polish, etc. Reichman & Faust. 225,266; Mar. 15; Serial No. 231,344; published June 15, 1926.
Perfumes. Lionel Trading Co. Inc. 225,387; Mar. 15; Serial No. 239,374; published Jan. 4, 1927.
Perfumes, toilet water and powder. Parfums Edouardo, a Corporation. 225,305; Mar. 15; Serial No. 240,503; published Jan. 11, 1927.
Perfumes, toilet water, toilet powders, etc. Raquel Incorporated. 225,198; Mar. 15; Serial No. 235,615; published Jan. 4, 1927.
Perfumes, vanishing cream, face powders, etc. I. Mordell. 225,237; Mar. 15; Serial No. 238,991; published Dec. 28, 1926.

Pharmaceutical preparations. L. Ganberg. 225,384; Mar. 15; Serial No. 239,406; published Dec. 28, 1926.
Pharmaceutical preparations. Superior Products Corporation. 225,125; Mar. 15; Serial No. 240,224; published Jan. 4, 1927.
Powder, Liquid face. J. Sudbeas. 225,188; Mar. 15; Serial No. 236,188; published Dec. 28, 1926.
Powders, Stomach. H. P. Nielson. 225,339; Mar. 15; Serial No. 238,130; published Jan. 4, 1927.
Preparation for coughs or colds. J. W. Eisenberg. 225,191; Mar. 15; Serial No. 236,083; published Dec. 28, 1926.
Preparation for the modification of cows' milk. Fairchild Bros. & Foster. 62,065; renewed Apr. 16, 1927.
Preparation for the treatment of the scalp. W. L. Mills. 225,298; Mar. 15; Serial No. 239,129; published Jan. 4, 1927.
Preparation for treating silk stockings to add luster, to reduce runs, etc. Runtex Company. 225,217; Mar. 15; Serial No. 237,286; published Nov. 23, 1926.
Preparations, Chemical and medicinal. Pre-Test Products Company. 225,358; Mar. 15; Serial No. 239,626; published Jan. 4, 1927.
Preparations, Pharmaceutical. R. Corbett. 225,275; Mar. 15; Serial No. 225,772; published Mar. 9, 1926.
Remedies. Louise M. Mentele. 60,038; renewed Jan. 22, 1927.
Remedy. G. D. Horton. 60,389; renewed Feb. 5, 1927.
Remedy for blood diseases. Blood Balm Company. 62,679–80; renewed May 21, 1927.
Remedy for disorders of the stomach and bowels. Stearns & Curtius. 64,325; renewed July 30, 1927.
Remedy for the treatment of corns, bunions, warts, and calli. F. V. High. 225,355; Mar. 15; Serial No. 239,654; published Dec. 28, 1926.
Remedy, Pile. Capo Company. 225,397; Mar. 15; Serial No. 237,403; published Jan. 4, 1927.
Remedy, Pile. H. T. Owen. 225,291; Mar. 15; Serial No. 239,313; published Jan. 4, 1927.
Resins, Synthetic and other artificial. Dr. Heinr. Traun & Söhne, vormals Harburger Gummi-Kamm-Compagnie. 225,269; Mar. 15; Serial No. 230,063; published June 22, 1926.
Salt. Western Salt Co. 225,123; Mar. 15; Serial No. 240,234; published Jan. 4, 1927.
Salve, hairdressing, liquid shampoo, etc. G. H. Furgurson. 235,236; Mar. 15; Serial No. 238,963; published Jan. 4, 1927.
Shampoo, M. U. Osborn. 225,295; Mar. 15; Serial No. 239,194; published Jan. 4, 1927.
Soda and petroleum jelly, Bicarbonate of. A. Hajdu. 225,330; Mar. 15; Serial No. 216,780; published Jan. 4, 1927.
Soda, Washing. Buckeye Soda Company. 225,151; Mar. 15; Serial No. 239,878; published Dec. 28, 1926.
Tonic, Hair. M. S. Barker. 62,447; renewed May 7, 1927.
Tonic, medicines, and healing preparations, General blood. H. Prior. 225,385; Mar. 15; Serial No. 239,383; published Jan. 4, 1927.
Tonic, Port and sherry. J. R. Martin. 225,441; Mar. 15.
Tooth paste, powder, etc. J. A. Gardner. 225,190; Mar. 15; Serial No. 236,164; published Dec. 28, 1926.

CLASS 7.

Rope, cord, and twine. Portland Cordage Company. 63,475; renewed June 25, 1927.
Rope, Wire. John A. Roebling's Sons Co. 225,328; Mar. 15; Serial No. 212,401; published Dec. 28, 1926.

CLASS 8.

Pipes. Superior Hard Rubber Company. 225,257; Mar. 15; Serial No. 235,534; published Jan. 4, 1927.

CLASS 9.

Powder, Smokeless shotgun. Hercules Powder Company. 225,253; Mar. 15; Serial No. 238,655; published Jan. 4, 1927.
Revolvers and pistols, Handles for. E. Harms. 225,264; Mar. 15; Serial No. 232,562; published Jan. 4, 1927.

CLASS 11.

Ink and inking pads. Bates Manufacturing Company. 225,246; Mar. 15; Serial No. 240,396; published Jan. 4, 1927.

CLASS 12.

Doors, Combination storm and screen. Combination Door Co. 225,431; Mar. 15.
Insulation material. Union Fibre Co. 60,578; renewed Feb. 12, 1927.
Paints. United States Graphite Co. 63,352–53; renewed June 18, 1927.
Plaster boards and plaster wall boards. United States Gypsum Company. 225,430; Mar. 15.
Plasters, Wall. Plymouth Gypsum Co. 61,310; renewed Mar. 12, 1927.
Roofing material of composition or cement. Spartan Fireproof Roofing Cement Comp'y. 59,143; renewed Jan. 1, 1927.

CLASS 13.

Aluminum ware. Aluminum Goods Manufacturing Co. 225,359; Mar. 15; Serial No. 239,556; published Jan. 4, 1927.
Chains, Drive and conveyer. Link-Belt Company. 63,052; renewed June 4, 1927.
Fence, Wire. Keystone Fence Company. 62,025; renewed Apr. 16, 1927.
Fence, Wire. Keystone Fence Company. 62,313; renewed Apr. 30, 1927.
Hardware, Suitcase and trunk. Bassett Metal Goods Company. 225,393; Mar. 15; Serial No. 237,108; published Jan. 4, 1927.
Iron bronze seat unions, Light-weight ground-joint malleable. Star Manufacturing Company. 225,345; Mar. 15; Serial No. 222,349; published Dec. 28, 1926.
Key rings and key chains. L. Huet & E. Ligier. 61,881–2; renewed Apr. 9, 1927.
Pewter ware. G. H. Lynen & Co. 225,193; Mar. 15; Serial No. 235,966; published Jan. 4, 1927.
Pipe flanges, nozzles, necks, collars, etc., Weldless rolled. Railway Steel-Spring Company. 225,222; Mar. 15; Serial No. 238,613; published Dec. 28, 1926.
Rods, drapery and window-shade hardware, Metal curtain. Kenney Manufacturing Company. 225,240; Mar. 15; Serial No. 240,553; published Jan. 4, 1927.
Sinks. Walker Dishwasher Corporation. 225,412; Mar. 15; Serial No. 237,883; published Dec. 28, 1926.
Strainers, fry baskets, soap dishes, broilers, etc. Washburn Company. 225,192; Mar. 15; Serial No. 235,989; published Jan. 4, 1927.
Tags. H. Hirsch. 225,261; Mar. 15; Serial No. 234,514; published Dec. 28, 1926.
Tank fittings and accessories, Oil-. Brooks Engineering Corporation. 225,396; Mar. 15; Serial No. 237,310; published Dec. 28, 1926.

CLASS 14.

Alloy, Metal. A. Geyer. 225,394; Mar. 15; Serial No. 237,163; published Dec. 28, 1926.
Manganese bronze. Manganese Bronze and Brass Co. Limited. 61,603; renewed Mar. 26, 1927.
Metal or alloy in ingots, Compound. Capper Pass & Son, Ltd. 225,368; Mar. 15; Serial No. 238,482; published Dec. 28, 1926.
Tin and terne plates. Follansbee Brothers Company. 60,957; renewed Feb. 26, 1927.

CLASS 15.

Gasoline. Beacon Oil Company. 225,304; Mar. 15; Serial No. 239,013; published Dec. 28, 1926.
Gasoline, High-test. Peerless Oil & Refining Company. 225,386; Mar. 15; Serial No. 239,377; published Dec. 28, 1926.
Lubricants, Graphite. United States Graphite Co. 63,542; renewed June 25, 1927.
Oil, Lubricating. Texas Company. 225,135; Mar. 15; Serial No. 240,104; published Dec. 28, 1926.
Oil, Motor. Wadhams Oil Company. 225,231; Mar. 15; Serial No. 238,819; published Dec. 21, 1926.
Oils and greases, Lubricating. Harold S. Bancroft Co. Inc. 225,141; Mar. 15; Serial No. 240,056; published Dec. 28, 1926.
Petroleum products. Texas Company. 225,136; Mar. 15; Serial No. 240,103; published Dec. 28, 1926.

CLASS 16.

Calcimine. Muralo Company. 64,157; renewed July 23, 1927.
Enamels, both gloss and flat. Keystone Varnish Company. 63,625; renewed July 2, 1927.
Finishing product. Keystone Varnish Company. 62,662; renewed May 21, 1927.
Paint and wood filler, Water and fire proof. Magno Products Corp. 225,254; Mar. 15; Serial No. 236,843; published Dec. 28, 1926.
Paint, Ready-mixed. Capitol Paint & Varnish Works, Inc. 225,213; Mar. 15; Serial No. 238,044; published Dec. 28, 1926.
Paint, Ready-mixed. Capitol Paint & Varnish Works, Inc. 225,214; Mar. 15; Serial No. 238,042; published Dec. 28, 1926.
Paints. Knickerbocker Paint Company. 61,808; renewed Apr. 9, 1927.
Putty. Benjamin Moore & Co. 63,992; renewed July 16, 1927.
Varnish. Berry Brothers, Limited. 62,060; renewed Apr. 16, 1927.

CLASS 17.

Cigars, cigarettes, smoking tobacco, and snuff. General-Direktion der Österr. Tabak-Regie. 225,260; Mar. 15; Serial No. 234,777; published Jan. 4, 1927.
Tobacco, cigarettes, and cigars, Smoking. J. Wix & Sons, Ltd. 225,262; Mar. 15; Serial No. 234,067; published Jan. 4, 1927.

CLASS 19.

Aeroplane propellers, Blades and hubs for. Standard Steel Propeller Company. 225,30; Mar. 15; Serial No. 234,234; published Dec. 28, 1926.
Automobile bodies. Chrysler Sales Corporation. 225,333; Mar. 15; Serial No. 237,950; published Dec. 28, 1926.

Automobile radiator shields. General Stamping Company. 225,443; Mar. 15.
Locomotive wheels, gear rims, etc., Steel tires for. Railway Steel-Spring Company. 225,223; Mar. 15; Serial No. 238,614; published Dec. 28, 1926.
Railway equipment. Latrobe Steel and Coupler Company. 60,535; renewed Feb. 12, 1927.
Trucks, Hand. Ajax Trucks Ltd. 225,353; Mar. 15; Serial No. 239,690; published Dec. 28, 1926.

CLASS 21.

Cell for rectifying electric currents for use in radio B-power supply. J. C. Davidson. 225,410; Mar. 15; Serial No. 237,854; published Dec. 28, 1926.
Electrically-operated elevators, lifts, and platforms, etc. Elevator Supplies Company. 225,340; Mar. 15; Serial No. 238,209; published Dec. 28, 1926.
Electrically recording sound on metal and electrically reproducing such sound, Machines for. Record-O-Phone Company. 225,360; Mar. 15; Serial No. 224,987; published Dec. 28, 1926.
Lamps, Electric-arc. Atlas Electric Devices Co. 225,422; Mar. 15; Serial No. 226,089; published Dec. 28, 1926.
Magnetos. Robert Bosch. 61,176; renewed Mar. 5, 1927.
Radio reproducing cones. R. B. Wheelan. 225,377; Mar. 15; Serial No. 238,239; published Dec. 28, 1926.
Vacuum cleaners and attachments therefor. Swords Electric Company. 225,348; Mar. 15; Serial No. 220,927; published Mar. 30, 1926.

CLASS 22.

Bicycles, velocipedes, etc. Colson Company. 225,413; Mar. 15; Serial No. 228,303; published Jan. 4, 1927.
Bicycles, velocipedes, row cycles, etc. Colson Company. 225,378; Mar. 15; Serial No. 228,302; published Jan. 4, 1927.
Dolls. Geo. Borgfeldt & Co. 225,241–2; Mar. 15; Serial Nos. 240,523–4; published Jan. 4, 1927.
Fishing bait, Artificial. Enterprise Manufacturing Company. 225,239; Mar. 15; Serial No. 240,601; published Jan. 4, 1927.
Golf bags. Allied Golf Company. 225,400–1; Mar. 15; Serial Nos. 237,582–3; published Jan. 4, 1927.
Golf balls and golf clubs. Burke Golf Company. 225,140; Mar. 15; Serial No. 240,061; published Jan. 4, 1927.
Toy animals, dolls, etc., Cardboard. Metropolitan Importing & Mfg. Co. 225,438; Mar. 15.
Toys. J. K. Farnell and Company. 225,365; Mar. 15; Serial No. 223,433; published Jan. 4, 1927.

CLASS 23.

Casing flushers. O. G. Mayer. 225,388; Mar. 15; Serial No. 238,911; published Dec. 28, 1926.
Cutlery. Joseph Allen & Sons Limited. 59,672; renewed Jan. 15, 1927.
Cutlery. Case Brothers Cutlery Co. 64,130; renewed July 23, 1927.
Die heads, taps, and threading machines. Eastern Machine Screw Corporation. 225,428; Mar. 15; Serial No. 239,976; published Jan. 18, 1927.
Fire-extinguishing devices and supplies. New England Fire Appliance Co. 225,331; Mar. 15; Serial No. 200,957; published Dec. 28, 1926.
Hydraulic apparatus for dispensing gasoline and oils. Aqua Oil Service, Inc. 225,300; Mar. 15; Serial No. 239,078; published Dec. 28, 1926.
Machinery parts. Latrobe Steel and Coupler Company. 60,536; renewed Feb. 12, 1927.
Mowers, Lawn. Worcester Lawn Mower Company. 225,250; Mar. 15; Serial No. 240,330; published Dec. 28, 1926.
Mowers, Lawn. Worcester Lawn Mower Company. 225,251; Mar. 15; Serial No. 240,328; published Dec. 28, 1926.
Needles. Knitting machine. Torrington Company. 225,216; Mar. 15; Serial No. 237,835; published Dec. 28, 1926.
Pumps. Dayton Pump & Manufacturing Co. 225,256; Mar. 15; Serial No. 235,884; published Dec. 28, 1926.
Pumps, Centrifugal. M. T. Davidson Company. 225,245; Mar. 15; Serial No. 240,404; published Dec. 28, 1926.
Sewing machines, parts, covers, tables, stands, and attachments. Singer Manufacturing Company. 63,866; renewed July 9, 1927.
Shears. Village Blacksmith Folks. 225,247; Mar. 15; Serial No. 240,377; published Dec. 28, 1926.
Spoons, Enamel steel basting. Vollrath Co. 225,367; Mar. 15; Serial No. 222,969; published Dec. 28, 1926.
Tools. Treman, King & Co. 225,124; Mar. 15; Serial No. 240,225; published Dec. 28, 1926.
Toothed or gear wheels, sprockets, pulleys, and cams. Stewart R. Browne Mfg. Co. 225,263; Mar. 15; Serial No. 233,478; published Dec. 28, 1926.

CLASS 24.

Clothes wringers, mangles, and driers. American Wringer Company. 63, 951; renewed July 16, 1927.

CLASS 25.

Locks and keys. Yale & Towne Mfg. Co. 63,654; renewed July 2, 1927.

CLASS 26.

Gauge glasses. M. Goodloe. 225,154; Mar. 15; Serial No. 239,851; published Dec. 28, 1926.
Sensitized blue-print cloth, sepia solar cloth, sepia solar papers, etc. McKinney Blueprint Corporation. 225,327; Mar. 15; Serial No. 211,485; published Dec. 28, 1926.
Spectacles. Riggs Optical Company-Consolidated. 225,419; Mar. 15; Serial No. 227,190; published Dec. 28, 1926.

CLASS 27.

Watch springs. Charles Robert. 60,238; renewed Jan. 29, 1927.
Watches. S. Weissman Company. 225,224; Mar. 15; Serial No. 238,630; published Dec. 28, 1926.

CLASS 29.

Brushes. John L. Whiting-J. J. Adams Company. 225,420; Mar. 15; Serial No. 226,407; published Jan. 4, 1927.
Brushes, Painters'. Pittsburgh Plate Glass Company. 225,184; Mar. 15; Serial No. 236,499; published Jan. 4, 1927.

CLASS 31.

Ice-cream freezers. North Bro's M'f'g. Co. 64,041; renewed July 23, 1927.
Refrigerating machinery and refrigerators. Sanat Refrigerating Company. 225,357; Mar. 15; Serial No. 239,628; published Jan. 4, 1927.

CLASS 32.

Car seats. Hale and Kilburn Manufacturing Company. 57,909; renewed Dec. 4, 1926.
Furniture, Reed and willow. Universal Willow & Reed Ware Company. 225,283; Mar. 15; Serial No. 216,702; published Dec. 28, 1926.
Shades, Window. Woodweb Shade Manufacturers, Inc. 225,382; Mar. 15; Serial No. 239,451; published Dec. 28, 1926.
Wardrobes, Portable. Portable Wardrobe Co. 225,201; Mar. 15; Serial No. 239,426; published Dec. 28, 1926.

CLASS 33.

Glass and pressed glassware. L. J. Houze Convex Glass Company. 225,181; Mar. 15; Serial No. 236,751; published Dec. 28, 1926.

CLASS 34.

Burners, Fuel-oil. S. T. Johnson Co. 225,121; Mar. 15; Serial No. 240,261; published Dec. 28, 1926.
Incinerators. Kerner Incinerator Co. 225,293; Mar. 15; Serial No. 239,254; published Dec. 28, 1926.
Ranges. Malleable Iron Range Co. 63,856; renewed July 9, 1927.
Stoves and ranges. St. Louis Union Trust Company. 63,619; renewed July 2, 1927.
Stoves and ranges. St. Louis Union Trust Company. 63,868; renewed July 9, 1927.
Stoves and ranges. St. Louis Union Trust Company. 63,971; renewed July 16, 1927.

CLASS 35.

Belting, Leather. Detroit Oak Belting Company. 63,828; renewed July 9, 1927.
Belting, Leather. Detroit Oak Belting Company. 63,872; renewed July 9, 1927.
Belting, Leather. New York Leather Belting Co. 60,758; renewed Feb. 19, 1927.
Packing, Rubber. Jenkins Rubber Co. 63,446; renewed June 18, 1927.

CLASS 36.

Phonographs. F. Ferris. 225,326; Mar. 15; Serial No. 204,092; published Dec. 28, 1926.
Phonographs. Prime Manufacturing Co. 225,324; Mar. 15; Serial No. 201,206; published Nov. 23, 1926.

CLASS 37.

Loose-leaf structures. National Blank Book Co. 225,171; Mar. 15; Serial No. 239,997; published Dec. 28, 1926.
Paper and envelopes. Raynor & Perkins Envelope Company. 60,730–2; renewed Feb. 19, 1927.
Paper and envelopes. Raynor & Perkins Envelope Company. 60,734; renewed Feb. 19, 1927.
Paper and envelopes. Raynor & Perkins Envelope Company. 60,816; renewed Feb. 19, 1927.
Paper manufactures. Levey Brothers Company. 59,853; renewed Jan. 22, 1927.
Paper, Toilet. Western Grocer Company. 225,259; Mar. 15; Serial No. 235,009; published Dec. 28, 1926.
Paper, Waterproof. Keystone Roofing Manufacturing Company. 225,284; Mar. 15; Serial No. 201,564; published Dec. 28, 1926.
Paper, Writing. Henry Lindenmeyr & Sons. 59,828; renewed Jan. 22, 1927.
Paper, Writing. Henry Lindenmeyr & Sons. 60,164; renewed Jan. 29, 1927.
Papers and envelopes. Central Ohio Paper Co. 225,167–8; Mar. 15; Serial Nos. 240,168–9; published Dec. 28, 1926.

Papers, announcement papers, pasted bristols, and cover papers, Writing. B. D. Rising Paper Company. 225,282; Mar. 15; Serial No. 217,387; published Dec. 28, 1926.
Pencils, Lead. Eagle Pencil Company. 225,280; Mar. 15; Serial No. 221,002; published Nov. 30, 1926.
Pencils, Lead. Schwan-Bleistift-Fabrik A.-G. 225,177; Mar. 15; Serial No. 239,723; published Dec. 28, 1926.
Sheet holders or temporary binders, Loose-. Kalamazoo Loose Leaf Binder Co. 63,957; renewed July 16, 1927.
Tag board, Manila. Riverside Fibre & Paper Company. 225,211; Mar. 15; Serial No. 238,813; published Dec. 28, 1926.
Tissue, Toilet. Jordan Marsh Company. 225,200; Mar. 15; Serial No. 239,523; published Dec. 28, 1926.

CLASS 38.

Books, pamphlets, posters, lithographs, and engravings, Printed. Brooklyn Daily Eagle. 63,891; renewed July 16, 1927.
House organ, Monthly dealer. Retail Lumberman Publishing Co. 225,188; Mar. 15; Serial No. 240,093; published Dec. 28, 1926.
Journal, Medical. W. F. Prior Company. 225,126; Mar. 15; Serial No. 240,215; published Dec. 28, 1926.
Journal, Monthly medical. W. F. Prior Company. 225,150; Mar. 15; Serial No. 239,894; published Dec. 28, 1926.
Magazine. Christmas Club, a Corporation. 225,139; Mar. 15; Serial No. 240,086; published Dec. 28, 1926.
Magazine. Doubleday Page & Co. 225,421; Mar. 15; Serial No. 226,132; published Dec. 28, 1926.
Magazine. W. H. Gannett, Incorporated. 225,230; Mar. 15; Serial No. 238,782; published Dec. 28, 1926.
Magazine. Merit Publishing Company. 225,226; Mar. 15; Serial No. 238,662; published Dec. 28, 1926.
Magazine. Women's Wear Magazine, Inc. 225,252; Mar. 15; Serial No. 240,283; published Jan. 4, 1927.
Magazine, Ladies' fashion. Elite Styles Company. 64,028; renewed July 23, 1927.
Magazine, Monthly. American Fruits Publishing Co. 225,147; Mar. 15; Serial No. 239,918; published Dec. 28, 1926.
Magazine, Monthly. State Trooper Publishing Co. 225,148; Mar. 15; Serial No. 239,901; published Dec. 28, 1926.
Newspaper articles. Merit Newspaper Service Corporation. 225,128; Mar. 15; Serial No. 240,199; published Dec. 28, 1926.
Newspapers. Brooklyn Daily Eagle. 63,893; renewed July 16, 1927.
Periodical. Brooklyn Daily Eagle. 63,892; renewed July 16, 1927.
Periodical. Railway Equipment and Publication Company. 225,187; Mar. 15; Serial No. 236,228; published Jan. 4, 1927.
Plans and specifications, Architects' building. Architects' Small House Service Bureau of the United States, Inc. 225,337; Mar. 15; Serial No. 238,100; published Jan. 4, 1927.
Publication. Western Wholesale Drug Co. 225,122; Mar. 15; Serial No. 240,236; published Dec. 28, 1926.
Publication, Daily. T. E. Letendre. 225,281; Mar. 15; Serial No. 217,790; published Mar. 23, 1926.
Publication issued weekly. American Bakers' Publishing Company. 225,146; Mar. 15; Serial No. 239,957; published Dec. 28, 1926.
Publication or scientific news bulletin. Science Service, Inc. 225,137; Mar. 15; Serial No. 240,099; published Dec. 28, 1926.
Publication, Weekly. Shoe Retailer Company. 225,301; Mar. 15; Serial No. 239,064; published Dec. 28, 1926.

CLASS 39.

Aprons. Bernhard Ulmann Co. Inc. 225,169; Mar. 15; Serial No. 240,165; published Dec. 28, 1926.
Bloomers, step-ins, vests, pyjamas, etc. La Mode Garment Company. 225,174; Mar. 15; Serial No. 239,939; published Dec. 28, 1926.
Boots, shoes, overshoes, etc., Rubber and rubber and canvas. Hood Rubber Company. 225,444–5; Mar. 15.
Boots, shoes, slippers, and insoles, Leather. H. H. Roosa. 54,363; renewed June 26, 1926.
Coats, riding breeches, shirts, vests, etc. Real Sport Clothing Company. 225,178; Mar. 15; Serial No. 239,592; published Dec. 28, 1926.
Coats, vests, trousers, suits, etc. Korrekt Klothes, Inc. 225,176; Mar. 15; Serial No. 239,887; published Dec. 28, 1926.
Collars, pyjamas, nightrobes, underwear, and shirts. Carlton Mills, Inc. 225,279; Mar. 15; Serial No. 221,407; published Jan. 5, 1926.
Dresses. Max Levine & Co. 225,202; Mar. 15; Serial No. 239,418; published Dec. 28, 1926.
Dresses, Ladies'. Mary Lee Inc. 225,172; Mar. 15; Serial No. 239,993; published Dec. 26, 1926.
Gloves. Steinberger Bros. Co. 225,255; Mar. 15; Serial No. 236,070; published Dec. 28, 1926.
Gloves, Knitted, netted, and lace. Rice-Stix Dry Goods Company. 62,363; renewed Apr. 30, 1927.
Gloves, Leather. Perrin Glove Company. 225,210; Mar. 15; Serial No. 238,866; published Dec. 28, 1926.
Hats, Ladies'. International Millinery Co. 225,204; Mar. 15; Serial No. 239,307; published Dec. 28, 1926.
Heels, Rubber. United Shoe Machinery Corporation. 225,173; Mar. 15; Serial No. 239,952; published Dec. 28, 1926.
Hosiery. Brownhill & Kramer. 225,164; Mar. 15; Serial No. 240,399; published Dec. 28, 1926.
Hosiery. H. Conover. 225,175; Mar. 15; Serial No. 239,921; published Dec. 28, 1926.
Hosiery. Nicholson-Feinberg Inc. 225,165–6; Mar. 15; Serial Nos. 240,315–6; published Dec. 28, 1926.
Hosiery. Rice-Stix Dry Goods Company. 60,848; renewed Feb. 19, 1927.
Hosiery and lingerie. Relda Shops, Incorporated. 225,258; Mar. 15; Serial No. 235,072; published Dec. 28, 1926.
Overalls and pantaloons. Rice-Stix Dry Goods Company. 62,845; renewed May 28, 1927.
Overalls and pants, shirts, and blouses, nightgowns, etc. Reliable Garment Mfg. Co. 225,208; Mar. 15; Serial No. 238,995; published Dec. 28, 1926.
Overalls, trousers, and work coats. Standard Stores Company. 225,161; Mar. 15; Serial No. 239,546; published Dec. 28, 1926.
Overalls, trousers, and work coats. Standard Stores Company. 225,199; Mar. 15; Serial No. 239,545; published Dec. 28, 1926.
Rubber baby pants. Red Raven Rubber Company. 225,439; Mar. 15.
Shirts, Work. Broad Gauge Manufacturing Co. 225,278; Mar. 15; Serial No. 223,018; published Dec. 28, 1926.
Shoes. Harper & Kirschten Shoe Co. 225,436; Mar. 15.
Shoes and hosiery. People's Shoe Stores Company. 225,207; Mar. 15; Serial No. 239,196; published Dec. 28, 1926.
Suits, overcoats, coats, vests, trousers, and raincoats, men's, youths' and boys'. S. Tepfer & Sons. 225,203; Mar. 15; Serial No. 239,333; published Dec. 28, 1926.
Undergarments, Children's. A. O. Crosby. 225,170; Mar. 15; Serial No. 240,133; published Dec. 28, 1926.
Underwear, Knitted and netted. Rice-Stix Dry Goods Company. 62,867; renewed May 28, 1927.
Underwear, Men's and boys'. Carson Pirie Scott & Co. 225,205; Mar. 15; Serial No. 239,232; published Dec. 28, 1926.
Underwear of textile fabrics. Ely & Walker Dry Goods Company. 225,212; Mar. 15; Serial No. 238,170; published Dec. 28, 1926.
Union suits of knitted fabric, Athletic. Lewis Knitting Company. 225,215; Mar. 15; Serial No. 237,914; published Dec. 28, 1926.

CLASS 40.

Combs. Dr. Heinrich Traun & Söhne. 51,671; renewed Apr. 17, 1926.
Combs. Dr. Heinrich Traun & Söhne. 51,911; renewed Apr. 24, 1926.
Combs. Dr. Heinrich Traun & Söhne. 52,192; renewed May 1, 1926.
Combs. Dr. Heinrich Traun & Söhne. 53,211; renewed May 29, 1926.
Combs. Dr. Heinr. Traun & Söhne, vormals Harburger Gummi-Kamm-Compagnie. 225,267; Mar. 15; Serial No. 230,135; published Aug. 31, 1926.
Combs. Dr. Heinr. Traun & Söhne, vormals Harburger Gummi-Kamm-Compagnie. 225,268; Mar. 15; Serial No. 230,134; published June 29, 1926.
Combs. Dr. Heinr. Traun & Söhne, vormals Harburger Gummi-Kamm-Compagnie. 225,270; Mar. 15; Serial No. 230,062; published June 29, 1926.
Embroidery hoops. Gibbs Manufacturing Co. 60,549–52; renewed Feb. 12, 1927.
Steel buttons, Polished. L. Huet & E. Ligier. 61,897; renewed Apr. 9, 1927.
Toilet articles. William Prym G. m. b. H. 61,317; renewed Mar. 12, 1927.

CLASS 42.

Canvas piece goods. H. Lubow. 225,446; Mar. 15.
Carpets and rugs. Ivins, Dietz & Metzger Co. 61,683; renewed Apr. 2, 1927.
Cotton cloth in the piece. Springdale Finishing Company. 225,277; Mar. 15; Serial No. 223,419; published Jan. 4, 1927.
Cotton goods, silk goods, etc. Jacob Miller's Sons Co. 225,127; Mar. 15; Serial No. 240,201; published Dec. 28, 1926.
Cotton piece goods. J. C. Penney Company. 225,162; Mar. 15; Serial No. 240,829; published Jan. 4, 1927.
Cotton piece goods. Renfrew Manufacturing Company. 64,117; renewed July 23, 1927.
Cotton piece goods. Rice-Stix Dry Goods Company. 62,365–6; renewed Apr. 30, 1927.
Cotton piece goods. Rice-Stix Dry Goods Company. 62,913; renewed May 28, 1927.
Cotton piece goods. Grinnell Willis & Co. 58,935; renewed Dec. 25, 1926.
Cotton piece goods. Grinnell Willis & Co. 59,300; renewed Jan. 1, 1927.
Cotton piece goods. Grinnell Willis & Co. 59,341; renewed Jan. 8, 1927.
Cotton piece goods. Grinnell Willis & Co. 59,652; renewed Jan. 15, 1927.
Cotton sheetings. Columbus Manufacturing Company. 225,322; Mar. 15; Serial No. 233,113; published Dec. 21, 1926.

Cretonne, printed linen, damask, and velvets in the piece, etc. Lee Behrens & Co. 225,341; Mar. 15; Serial No. 237,913; published Dec. 28, 1926.
Embroideries, cotton, silk, laces, and rayon, all in the piece. Robert Alder Company. 225,194; Mar. 15; Serial No. 235,907; published Dec. 28, 1926.
Fabrics, knitted, netted, and textile. American Cellulose & Chemical Manufacturing Company. 225,285; Mar. 15; Serial No. 239,350; published Dec. 28, 1926.
Fabrics, knitted, netted, and textile. American Cellulose & Chemical Manufacturing Company. 225,286; Mar. 15; Serial No. 239,348; published Dec. 28, 1926.
Hair nets. S. Glemby's Sons Co. 225,158; Mar. 15; Serial No. 239,804; published Dec. 28, 1926.
Handkerchiefs. Marshall Field & Company. 225,361; Mar. 15; Serial No. 224,753; published Dec. 28, 1926.
Percales. Rice-Stix Dry Goods Company. 62,558; renewed May 14, 1927.
Poplin in the piece. Carson Pirie Scott & Co. 225,325; Mar. 15; Serial No. 201,889; published Dec. 28, 1926.
Rugs, carpets, and upholstery fabrics, Textile. Duratex Corporation. 225,276; Mar. 15; Serial No. 224,751; published Jan. 4, 1927.
Silk piece goods. Albert Goode, Bedin, Inc. 225,442; Mar. 15.
Silk ribbons. Willard, Colbert & Giles. 225,289–90; Mar. 15; Serial Nos. 239,340–1; published Dec. 28, 1926.
Textiles. Merrimack Manufacturing Company. 63,282; renewed June 11, 1927.
Voile. Charles Brown & Company. 225,225; Mar. 15; Serial No. 238,635; published Dec. 28, 1926.
Woolen and worsted piece goods. Hager, Clark & Co. 225,448; Mar. 15.
Woolen piece goods. Forstmann & Huffmann Company. 225,183; Mar. 15; Serial No. 236,681; published Dec. 28, 1926.
Woven, knitted, netted, textile and pile fabrics in the piece. Cheney Brothers. 225,248–9; Mar. 15; Serial Nos. 240,341–2; published Dec. 28, 1926.

CLASS 44.

Applicators and holders, X-ray protective aprons, X-ray stands, etc., Quartz. Victor X-Ray Corporation. 225,343; Mar. 15; Serial No. 222,646; published Dec. 28, 1926.
Arch supports and similar foot corrective appliances. Scholl Mfg. Co. Inc. 225,272; Mar. 15; Serial No. 228,874; published Apr. 27, 1926.
Dental golds. Williams Gold Refining Co. 225,287–8; Mar. 15; Serial Nos. 239,342–3; published Dec. 28, 1926.
Dispensers and atomizers, Perfume. Conner Novelty Company. 225,389; Mar. 15; Serial No. 235,381; published Dec. 28, 1926.
Gold prills or masses for casting for dental uses and the like. Vernon Brothers and Company. 225,342; Mar. 15; Serial No. 222,892; published Dec. 28, 1926.
Sanitary napkins. R. H. Macy & Co. 225,319; Mar. 15; Serial No. 232,335; published Dec. 28, 1926.

CLASS 45.

Beverages. Grand Pop Bottling Company. 225,329; Mar. 15; Serial No. 215,913; published Dec. 28, 1926.
Beverages and flavors therefor. Orange Smile Sirup Company. 225,425; Mar. 15; Serial No. 239,715; published Jan. 4, 1927.
Beverages and ingredients for making the same. John Mulhern Company. 225,163; Mar. 15; Serial No. 240,562; published Jan. 4, 1927.
Extracts, Flavoring. L. E. Jung. 225,390; Mar. 15; Serial No. 235,306; published Jan. 4, 1927.
Ginger ale. Cream City Products Co. 225,379; Mar. 15; Serial No. 216,755; published June 29, 1926.
Ginger ale and extract. Sethness Company. 225,432; Mar. 15.

CLASS 46.

Apples. Dan Wuille & Company. 225,406; Mar. 15; Serial No. 237,790; published Jan. 4, 1927.
Apples. Dan Wuille & Company. 225,407; Mar. 15; Serial No. 237,792; published Jan. 4, 1927.
Barley-malt extract for food purposes. Heller & Perrin. 225,182; Mar. 15; Serial No. 236,693; published Nov. 23, 1926.
Bread. Zimmerman Baking Company. 225,366; Mar. 15; Serial Nos. 223,421–5; published May 11, 1926.
Bread improver, an ingredient which is used in association with yeast for making bread. Whiteside-Plock Products Company. 225,346; Mar. 15; Serial No. 221,342; published Dec. 28, 1926.
Butter. A. R. Duncan Jr. Co. 59,912; renewed Jan. 22, 1927.
Butter. Sayre Creamery & Cold Storage Co. 225,447; Mar. 15.
Butter, eggs, cheese, and horse-radish. June Dairy Products Co. 225,209; Mar. 15; Serial No. 238,978; published Dec. 28, 1926.
Cacaos, cholocate, and preparations thereof. A. & W. Lindt. 59,229; renewed Jan. 1, 1927.
Candies. National Candy Company. 59,906; renewed Jan. 22, 1927.
Candies, nuts, fruits, pop corn, etc. M. J. Nicholas. 225,402–4; Mar. 15; Serial Nos. 237,685–7; published Jan. 4, 1927.
Candy. Alberta Candy Co. Inc. 225,179; Mar. 15; Serial No. 236,901; published Jan. 4, 1927.
Candy. Eline's Incorporated. 225,218; Mar. 15; Serial No. 238,496; published Jan. 4, 1927.
Candy. Eline's Incorporated. 225,219; Mar. 15; Serial No. 238,498; published Jan. 4, 1927.
Candy. Floyd-Paramount, Inc. 225,362; Mar. 15; Serial No. 224,282; published Jan. 4, 1927.
Candy. Gordon Candy Company. 225,437; Mar. 15.
Candy. Nancy Keith Candy Co. 225,433; Mar. 15.
Candy. Palmer Candy Co. 225,424; Mar. 15; Serial No. 225,843; published Jan. 4, 1927.
Candy. Samoset Chocolates Company. 225,372–3; Mar. 15; Serial Nos. 238,391–2; published Dec. 28, 1926.
Candy bars, Chocolate-covered. Federal Sweets & Wafer Co. 225,238; Mar. 15; Serial No. 240,649; published Jan. 4, 1927.
Candy suckers. Straser Candy Company. 225,195; Mar. 15; Serial No. 235,760; published Jan. 4, 1927.
Canned beef stew. M. Krainz. 225,153; Mar. 15; Serial No. 239,861; published Jan. 4, 1927.
Canned fish. Pyramid Packing Company. 225,415; Mar. 15; Serial No. 228,776; published Apr. 27, 1926.
Canned fish. Seacoast Canning Company. 225,350; Mar. 15; Serial No. 219,780; published Jan. 4, 1927.
Canned fish. Seacoast Canning Company. 225,351; Mar. 15; Serial No. 219,774; published Jan. 4, 1927.
Canned fruits and vegetables. Wayne County Preserving Company. 63,300; renewed June 11, 1927.
Canned fruits, crab meat, etc. Wilcox-Hayes Company. 225,408; Mar. 15; Serial No. 237,837; published Dec. 28, 1926.
Canned fruits, crab meat, salmon, beans, milk, etc. Wilcox-Hayes Company. 225,409; Mar. 15; Serial No. 237,841; published Dec. 28, 1926.
Canned peas. Waterloo Canning Association. 225,315; Mar. 15; Serial No. 230,600; published June 15, 1926.
Canned peas. Waterloo Canning Association. 225,316; Mar. 15; Serial No. 230,599; published Jan. 4, 1927.
Canned pineapple. Kauai Fruit & Land Co. Ltd. 225,156–7; Mar. 15; Serial Nos. 239,810–11; published Jan. 4, 1927.
Canned salmon. Carlisle Packing Company. 225,229; Mar. 15; Serial No. 238,772; published Dec. 28, 1926.
Canned vegetables. Rosenstein Brothers Inc. 61,242; renewed Mar. 12, 1927.
Cheese. M. Uhlmann. 59,932; renewed Jan. 22, 1927.
Cheeses. Societa Anonima Edidio Galbani. 225,309; Mar. 16; Serial No. 237,571; published Nov. 16, 1926.
Chickens and eggs. W. W. Lemmerman. 225,354; Mar. 15; Serial No. 239,662; published Dec. 21, 1926.
Chicks, Baby. Miller Hatcheries. 225,314; Mar. 15; Serial No. 230,638; published Jan. 4, 1927.
Chocolate. Stephen F. Whitman & Son. 64,004; renewed July 16, 1927.
Chocolates and bonbons. H. Roller. 63,585; renewed June 25, 1927.
Coffee. Jones-Paddock Co. 64,000; renewed July 16, 1927.
Coffee. Mattson Coffee Co. 225,323; Mar. 15; Serial No. 240,669; published Jan. 4, 1927.
Coffee. Paul de Lima Co. 225,235; Mar. 15; Serial No. 238,953; published Jan. 4, 1927.
Coffee, Green. Eppens, Smith Company. 225,320; Mar. 15; Serial No. 232,552; published Jan. 4, 1927.
Confectionery. Reiss & Brady. 64,003; renewed July 16, 1927.
Cornstarch. Corn Products Refining Company. 63,928; renewed July 16, 1927.
Dairy products. Detwiler & Raab. 225,197; Mar. 15; Serial No. 236,675; published Nov. 9, 1926.
Flour-mill products and packing-house products. Northern Mercantile Co. 225,317; Mar. 15; Serial No. 231,690; published Dec. 28, 1926.
Flour, Wheat. Acme Milling Company. 62,740; renewed May 21, 1927.
Flour, Wheat. Moseley & Motley Milling Co. 63,818; renewed July 9, 1927.
Flour, Wheat. New Century Milling Company. 63,316; renewed June 11, 1927.
Flour, Wheat. Northwestern Consolidated Milling Company. 61,788; renewed Apr. 2, 1927.
Flour, Wheat. Valier & Spies Milling Company. 60,267–8; renewed Feb. 5, 1927.
Grapefruit. E. Steiner. 225,395; Mar. 15; Serial No. 237,204; published Jan. 4, 1927.
Grapes. Pinkham Holdings Co. 225,352; Mar. 15; Serial No. 218,329; published Jan. 4, 1927.
Gum, Chewing. M. A. White. 225,414; Mar. 15; Serial No. 228,677; published Nov. 2, 1926.
Macaroni. C. F. Mueller Co. 63,975; renewed July 16, 1927.
Milk, cream, buttermilk, and condensed milk. Southern Cream and Milk Company. 225,206; Mar. 15; Serial No. 239,203; published Dec. 28, 1926.
Milk, Modified or dehydrated. Abbotts Alderney Dairies, Inc. 225,232; Mar. 15; Serial No. 238,828; published Dec. 28, 1926.
Mustard, horse-radish, chowchow, pickles, etc., Prepared. Morehouse Mustard Mills. 225,207; Mar. 15; Serial No. 239,131; published Dec. 28, 1926.

Mustard, Prepared. C. Gulden. 63,727; renewed July 2, 1927.
Oil, Cooking. Union Oil Company. 59,804; renewed Jan. 15, 1927.
Oil of lemon and oil of orange. Wangler-Budd Co. Inc. 225,265; Mar. 15; Serial No. 231,422; published Dec. 28, 1926.
Oil, Olive. S. Montaperto. 225,418; Mar. 15; Serial No. 227,276; published Dec. 28, 1926.
Oil, Vegetable. Corn Products Refining Company. 225,426; Mar. 15; Serial No. 239,700; published Dec. 28, 1926.
Peanut butter. Vegetarian Food and Nut Co. Inc. 225,131; Mar. 15; Serial No. 240,154; published Dec. 28, 1926.
Prunes, figs, raisins, peaches, pears, canned fruits and vegetables, etc., Dried. Sunland Sales Cooperative Association. 225,349; Mar. 15; Serial No. 220,047; published Dec. 28, 1926.
Salad dressing. Charles F. Mattlage & Sons, Inc. 225,133–4; Mar. 15; Serial Nos. 240,144–5; published Dec. 28, 1926.
Salad dressing. Charles F. Mattlage & Sons, Inc. 225,380; Mar. 15; Serial No. 239,535; published Dec. 21, 1926.
Sirup, Malt. Universal Food Products Co. 225,334; Mar. 15; Serial No. 237,933; published Dec. 28, 1926.
Sweetmeats, chocolate, cocoa, etc., Dry. A. Bergene. 225,180; Mar. 15; Serial No. 236,864; published Dec. 28, 1926.
Walnuts. California Walnut Growers Association. 225,244; Mar. 15; Serial No. 240,484; published Jan. 4, 1927.

CLASS 48.

Malt beverage. Theo. Hamm Brewing Company. 225,364; Mar. 15; Serial No. 223,914; published Dec. 28, 1926.
Malt beverage. Liebmann Breweries, Inc. 225,332; Mar. 15; Serial No. 237,969; published Dec. 28, 1926.
Malt beverages. Jacob Schmidt Brewing Company. 225,370–71; Mar. 15; Serial Nos. 238,396–7; published Dec. 28, 1926.
Malt compound and extract. T. L. Straus. 225,145; Mar. 15; Serial No. 240,009; published Dec. 28, 1926.
Malt sirup. Jackson Brewing Company. 225,381; Mar. 15; Serial No. 239,479; published Dec. 28, 1926.

CLASS 49.

Cordial. Societe Anonyme de la Distillerie de la Liqueur Benedictine de l'Abbaye de Fecamp. 60,241; renewed Jan. 29, 1927.
Gin. Kinahan & Company Limited. 61,076; renewed Mar. 5, 1927.

CLASS 50.

Linings, Neckwear. S. S. Loeb. 225,434; Mar. 15.

ALPHABETICAL LIST OF LABELS.

Aunt Edna's Symphony Chocolates. For Candy. Milwaukee Paper Box Co. 31,789; Mar. 15.
Battle Axe. For A Roofing Material. Continental Roofing & Manufacturing Co. 31,774; Mar. 15.
Bavarian Morning Star. For Malt Sirup. H. Sadur. 31,797; Mar. 15.
Continental. For a Mineral-Surfaced Roofing. Continental Roofing & Manufacturing Co. 31,775; Mar. 15.
Continental. For an Asphalt Felt. Continental Roofing & Manufacturing Co. 31,776; Mar. 15.
Continental. For an Asphalt Sheathing and Slaters' Felt. Continental Roofing & Manufacturing Co. 31,777; Mar. 15.
Continental. For a Roofing Material. Continental Roofing & Manufacturing Co. 31,778–80; Mar. 15.
Continental. For a Mica-Surfaced Roofing. Continental Roofing & Manufacturing Co. 31,781; Mar. 15.
Duk's Bak. For Top Dressing. W. C. Lamb. 31,786; Mar. 15.
Eisen-Heiss. For Paint. Master Mechanics Co. 31,787–8; Mar. 15.
Five Gallons Bacill-Kil, Disinfectant, Sterilizer, Deodorant, Antiseptic, 906 C. For a Sodium Hypochlorite Fluid. General Laboratories. 31,783; Mar. 15.
Hansen's Buttermilk. For Buttermilk. T. Hansen. 31,784; Mar. 15.
Hi-Stepper. For Women's and Misses' Dresses. F. R. Wright. 31,805; Mar. 15.
Imperial Josephina Powder. For Face Powder. C. A. Rahayel. 31,796; Mar. 15.
Kiddies Novelty Handkerchiefs. For Insert and Outside Wrapper on Handkerchief Boxes. B. Wolf. 31,804; Mar. 15.
Kis-Koo-Wah-Nee Indian Moss Plant. For Seeds, Plant Food, and Growth-Assisting Materials. A. J. Pearsall. 31,794; Mar. 15.
Marathon. For Radiotubes. Northern Manufacturing Company. 31,793; Mar. 15.
Menth-Ol-Pine. For a Nasal Emollient. San-I-Sal Laboratories, Inc. 31,798; Mar. 15.
Modern Library. For Books (Being Placed Around the Books as a Jacket). Modern Library, Inc. 31,790; Mar. 15.
Nervtannato. For Nervtannato. W. C. Morgan. 31,791; Mar. 15.
Old English Lawn Seed Makes Better Lawns. For Lawn Seed. Philadelphia Seed Co. 31,795; Mar. 15.
One Gallon Bacill-Kil, Disinfectant, Sterilizer, Deodorant, Antiseptic 905 C. For a Sodium Hypochlorite Fluid. General Laboratories. 31,782; Mar. 15.
$1000.00 Guaranteed Bed-Bug Killer. For Liquid Bedbug Killer. B. Heller & Company. 31,785; Mar. 15.
Radiax. For a Roofing Material. Continental Roofing & Manufacturing Co. 31,773; Mar. 15.
The Happy School Days. For Games. G. A. Nelson. 31,792; Mar. 15.
White Mule. For Penetrating Oil. White Mule, Inc. 31,799; Mar. 15.
White Mule. For Metal Polish. White Mule, Inc. 31,800; Mar. 15.
White Mule. For a Liquid Stop Leak; a Compound for Automobile Radiators. White Mule, Inc. 31,801; Mar. 15.
White Mule. For Automobile Top Dressing. White Mule, Inc. 31,802; Mar. 15.
White Mule. For Tire Patches. White Mule. Inc. 31,803; Mar. 15.

ALPHABETICAL LIST OF PRINTS.

A Typical Norris Creation—The Almond Truffle. For Candy. Norris, Inc. 9,624; Mar. 15.
A White House That Is Really White. For Paint. New Jersey Zinc Company. 9,621; Mar. 15.
Chicago Children Make Quick School Gains On Model Breakfast. For Wheat Breakfast Food. Cream of Wheat Co. 9,611; Mar. 15.
Cincy's Favorite Drink—Boat House Coffee. For Coffee. Boat House Coffee Company. 9,609; Mar. 15.
'Flit Spells Profit' and 'Again Flit Will Lead'. For Insecticide. Standard Oil Company (New Jersey). 9,628; Mar. 15.
Genuine 40-40-20 Stays White As Long As Good Paint Lasts. For Paint. New Jersey Zinc Company. 9,623; Mar. 15.
Half Size 1/2 Dresses. For Gowns, Frocks, and Dresses for the Short Miss and Women. Half Size Dress Co. 9,614; Mar. 15.
Hundreds Of Formulas. For Industrial Cleaners. Magnuson Products Corporation. 9,619; Mar. 15.
It's The Cream That Makes It So Good. For Cream of Tomato Soup. H. J. Heinz Company. 9,616; Mar. 15.
Kiddie Aids For Kiddie Aches. For Kiddie Aid Products. Saxon Laboratories, Inc. 9,627; Mar. 15.
Makes Pert Little Pullets And Foxy Little Roosters. For Chicken Mash. Nutrena Feed Mills, Inc. 9,625; Mar. 15.
No-Tum-Suk. For Preparation to Cure Thumb Sucking, Finger-Nail Biting, Etc. L. A. House. 9,618; Mar. 15.
Premier Red Ash Coal. For Coal. G. E. Weber. 9,631; Mar. 15.
Say Butter-Nuts. For Salted and Flavored Peanuts. M. Glenn. 9,618; Mar. 15.
That's It. For Tomato Catchup. H. J. Heinz Company. 9,617; Mar. 15.
The Bunnery. For Food Prepared and Served by the Bunnery. T. O. Brooks. 9,610; Mar. 15.
The Perfect Dollar Stocking. For Hosiery. Freund & Brickman. 9,612; Mar. 15.
The Secret Of Heinz Tomato Ketchup. For Tomato Catchup. H. J. Heinz Company. 9,615; Mar. 15.
The Teenie Weenies. For Pickles. Reid, Murdoch & Co. 9,626; Mar. 15.
Thursday Only. For Grocery and Foods. T. D. Taylor. 9,629; Mar. 15.
Tuesday Only. For Grocery and Foods. T. D. Taylor. 9,630; Mar. 15.
Warm Air—Moist Air—Fresh Air—Warm Air Heat Means Health. For Heating and Ventilating Equipment. National Warm Air Heating & Ventilating Association. 9,620; Mar. 15.
Will Your White House Be White Next Year? For Paint. New Jersey Zinc Company. 9,622; Mar. 15.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Batting, Cotton or wool. Lockport Cotton Batting Co. 242,343–4; Mar. 15.
Coal. Pittsburg and Midway Coal Mining Company. 241,902; Mar. 15.
Coal, carbonized fuel, and coke. North American Coal Corporation. 242,491–3; Mar. 15.
Leather. Doerr & Reinhart. 239,576; Mar. 15.
Leathers. Alpina A. G. 241,764; Mar. 15.
Leathers and hides. Société Anonyme Etablissements Reynier. 239,629; Mar. 15.
Rubber material in sheet or tubular form, Hard-. Dr. Heinr. Traun & Söhne, vormals Harburger Gummi-Kamm-Compagnie. 230,061; Mar. 15.
Seed, Lawn-grass. Northrup, King & Co. 242,689; Mar. 15.
Seeds. Hamilton Seed & Coal Co. 242,001; Mar. 15.

CLASS 2.

Bottles and containers, Vacuum. Keapsit Bottle Company. 242,836; Mar. 15.
Boxes, Cardboard. Edwin J. Schoettle Company. 243,501; Mar. 15.
Cans, Paper. Purity Paper Vessels Company. 238,918; Mar. 15.
Cans, Paper. Purity Paper Vessels Company. 242,906; Mar. 15.

CLASS 4.

Cleaning and scouring compound. Fitzpatrick Bros. 241,711; Mar. 15.
Cleaning fluid for closet bowls and urinals. Great Northern Chemical Company. 242,000; Mar. 15.
Cleaning preparations. Midland Chemical Laboratories, Inc. 236,765; Mar. 15.
Cleansing and scouring preparation. I. Silverman. 243,236; Mar. 15.
Cleansing and washing compound. N. A. Alexander. 241,196; Mar. 15.
Liquid compound for scrubbing. American Disinfecting Company. 240,392; Mar. 15.
Polishes and creams, Shoe. George Bros. Mfg. Co. 242,478; Mar. 15.
Preparation for cleaning the hands, etc. King of All Cleaner Company. 207,083; Mar. 15.
Soap. R. M. Hollingshead Co. 237,268; Mar. 15.
Soap. Premier Appliance Co. 200,829; Mar. 15.
Soaps. F. Prochaska, Ltd. 235,069; Mar. 15.
Steel wool and holders therefor, Combination of. Industrial Specialty Corporation. 242,539; Mar. 15.
Washing powder. A. Anderson. 242,561; Mar. 15.

CLASS 5.

Adhesive coating for metal. Nokrode Company. 243,660; Mar. 15.
Rubber cement. Fisk Rubber Company. 243,147; Mar. 15.

CLASS 6.

Chemicals and chemical preparations. Viking Laboratories, Incorporated. 242,455; Mar. 15.
Citrate of magnesia. Lee-Strauss Company. 242,541; Mar. 15.
Cleanser, water softener, and boiler compound, Solvent. Helpa Products Corporation. 242,480; Mar. 15.
Color restorer, Hair-. Odell Company. 242,494; Mar. 15.
Compound for the blood and stomach. H. E. Knotzsch. 239,118; Mar. 15.
Concentrate, Boiler liquid. B. T. Babbitt Inc. 236,359; Mar. 15.
Cough medicine. La France Laboratories, Inc. 242,898; Mar. 15.
Cream, Nasal. Leslie Research Company. 239,531; Mar. 15.
Creams, liquid face powders, skin tonics, etc., Face and hand. Corinna Chemical Corporation. 232,063; Mar. 15.
Creams, skin creams, face powders, skin lotions, etc., Face. Golden Mermaid Products Co. 240,074; Mar. 15.
Denatured alcohol, solvents, esters, ethers, fusel oil, etc. American Solvents & Chemical Corporation. 240,579–80; Mar. 15.
Disinfectants. C. C. Winchester. 241,809; Mar. 15.
Dyes, disinfectants, etc., Coal-tar. General Dyestuff Corporation. 242,370; Mar. 15.
Dyestuffs. I. G. Farbenindustrie Aktiengesellschaft. 241,660; Mar. 15.
Exterminator for rats. Rat Biscuit Company. 243,624; Mar. 15.
Exterminator, Insect. M. F. Downey. 234,199; Mar. 15.
Extirpating preparations for insects and plants, disinfectants, etc. Chemische Fabrik auf Actien (vorm. E. Schering). 228,356–7; Mar. 15.
Inhalant, Liquid. B. M. Pinkham. 236,436; Mar. 15.
Insecticide or powder, Roach. I. Silverman. 243,289; Mar. 15.
Insecticides and fungicides. J. W. Woolfolk Company. 231,424; Mar. 15.
Liniment. F. Furia. 243,263; Mar. 15.
Lotions, toilet waters, sachets, perfumes, etc., Toilet. Guy T. Gibson, Incorporated. 242,719; Mar. 15.
Lozenges or tablets. Dr. Orland's Health Prod. Co. 238,380; Mar. 15.
Medicinal preparation. J. Cohn. 243,198; Mar. 15.
Medicinal tablets. A. D. Ross. 232,697; Mar. 15.
Medicinal tonic and liver invigorator. Van Vleet-Mansfield Drug Co. 240,635; Mar. 15.
Medicines, Animal. Polk Miller Products Corporation. 240,214; Mar. 15.
Mouth wash. Epicol Products Company. 243,483; Mar. 15.
Oil for the treatment of cuts, burns, colds, sunburn, etc., Healing. Southern Pine Remedies, Incorporated. 242,758; Mar. 15.
Ointment. W. H. Frederick. 243,047; Mar. 15.
Perfume. Richard Hudnut. 242,338–9; Mar. 15.
Pharmaceutical preparation. Ex Lax Manufacturing Co. 243,308; Mar. 15.
Pine deodorizer, disinfectant, etc. C. B. Dolge Co. 242,228; Mar. 15.
Preparation for preventing and destroying corrosion on the terminals of storage batteries. Cro-Zo Manufacturing Co. 242,710; Mar. 15.
Preparation for the complexion. P. E. Porier. 239,625; Mar. 15.
Preparation for the treatment of diabetes. L. B. Barlett. 243,411; Mar. 15.
Preservative, Wood. A. J. Gram. 234,437; Mar. 15.
Remedies, Veterinary. C. Bauer. 239,875; Mar. 15.
Salve. R. L. Skiles. 243,290; Mar. 15.
Shampoo preparation. Ravol Company. 241,745; Mar. 15.
Starch for laundry and manufacturing purposes. Corn Products Refining Company. 240,700; Mar. 15.
Stimulant with vitamines, Diuretic. M. S. Valldejuli. 240,461; Mar. 15.
Tonic, Hair. Tripoli Barber's Supply Co. Inc. 242,928; Mar. 15.
Tooth paste, mouth wash, tooth powder, etc. Duborel Corporation. 243,202; Mar. 15.
Treatment against corrosion, pitting, formation and adhering of scale, Boiler and metal. Ferroxanti World Syndicate Inc. 242,074; Mar. 15.

CLASS 10.

Fertilizer. Swift and Company. 231,170; Mar. 15.
Fertilizers. Sollife Humus Company. 240,324; Mar. 15.

CLASS 11.

Carbon paper. American Lead Pencil Company. 243,470; Mar. 15.

CLASS 12.

Brick material, Refractory fire-. Wellsville Fire Brick Company. 242,641; Mar. 15.
Building felts. Lockport Paper Company. 242,015; Mar. 15.
Roofing, Asbestos shingle. Triangle Building Material Co. 242,157; Mar. 15.
Roofing, etc. Treman, King & Co. 240,226; Mar. 15.
Shingles. National Asbestos Shingle Corporation. 242,668; Mar. 15.
Shingles, ridge tiles, and sheets. A. T. Pattison & Co. 241,787; Mar. 15.
Tile, Quarry. United States Quarry Tile Company. 241,504; Mar. 15.
Wall board. National Gypsum Company. 242,889; Mar. 15.
Weather strips. Chamberlin Metal Weatherstrip Company. 242,168; Mar. 15.

CLASS 13.

Basin cocks or faucets, Compression. Hays Manufacturing Company. 242,188–9; Mar. 15.
Bibs, compression faucets, etc., Compression. Hays Manufacturing Company. 242,186; Mar. 15.
Bibs or faucets, Compression. Hays Manufacturing Company. 242,183; Mar. 15.
Bibs or faucets, compression stopcocks, shut-off waste tubes, etc., Compression. Hays Manufacturing Company. 242,185; Mar. 15.
Cocks and compression stopcocks, Compression stop and waste. Hays Manufacturing Company. 242,190; Mar. 15.
Cocks, Compression stop and waste. Hays Manufacturing Company. 242,191; Mar. 15.
Dish drainers, sponge holders, soap dishes, toothbrush holders, etc. Marlboro Wire Goods Company. 222,516; Mar. 15.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Metal heel plates for boots and shoes. Louis Sacks, Inc. 243,864; Mar. 15.
Nails, Horse. Capewell Horse Nail Company. 243,688; Mar. 15.
Nails, Shoe. C. F. Baker & Co. 243,473; Mar. 15.
Sink fixtures or faucets, etc., Compression. Hays Manufacturing Company. 242,187; Mar. 15.
Strainers and fry baskets. Hamblin & Russell Manufacturing Company. 243,151; Mar. 15.

CLASS 14.

Metals, Bearing. J. Neurath. 242,489; Mar. 15.
Solder, Cold. K-K Solder Company. 242,006; Mar. 15.
Solder in combination with a flux. Transport Supply Co. Ld. 242,450; Mar. 15.
Steel, Tool. A. M. Diehl. 242,284; Mar. 15.

CLASS 15.

Gasoline. C. W. Epley. 229,672; Mar. 15.

CLASS 16.

Liquid polish for cleaning and polishing. G. A. Rumpf. 241,185; Mar. 15.
Varnish, japan, filler, and prepared shellac. J. F. Kurfees Paint Company. 241,731; Mar. 15.
Varnishlike finish for wood and other surfaces. Davies Products, Incorporated. 242,780–1; Mar. 15.
Waxing product, Floor-. Vestal Chemical Co. 242,636; Mar. 15.

CLASS 19.

Automobiles, Passenger-carrying. Willys-Overland Company. 243,836; Mar. 15.
Cars, Motor. Società Anonima Italiana Ing. Nocola Romeo & C. 235,434; Mar. 15.
Parachutes, parachute packs and harness. Irving Airchute Company. 243,365–7; Mar. 15.
Tricycles or wheel chairs. F. H. Stocking. 243,462; Mar. 15.

CLASS 21.

Fuse mountings, relays, bus supports, switches, choke coils, etc. Schweitzer and Conrad. 241,748; Mar. 15.
Radio receiving sets, radio transmitting and receiving vacuum tubes, etc. Fleetwood Laboratories, Inc. 239,402; Mar. 15.

CLASS 22.

Game played with tenpins, balls, and a club, Outdoor or indoor. G. B. Allen. 242,767; Mar. 15.
Sleds. C. C. Cousins, jr. 242,880; Mar. 15.
Swimming floats for bathers. W. J. Haynes. 242,587; Mar. 15.
Toy figures made of wood. Perkins & Willmott, Inc. 242,611; Mar. 15.
Toy furniture. H & P Company. 240,783; Mar. 15.

CLASS 23.

Conveyers. F. L. Smidth & Co. 241,845; Mar. 15.
Engines, Device for controlling the supply of ignitable hydrocarbon mixtures to internal-combustion. Hopewell Brothers. 230,887; Mar. 15.
Gear-shifting device, Vacuum. Planator Gear Shift Company. 235,316; Mar. 15.
Grinders and devices and parts thereof, Cylinder. Hutto Engineering Co. 227,233; Mar. 15.
Planers, hand jointers, shapers, etc., Power-feed facing. C. O. Porter Machinery Company. 243,665; Mar. 15.
Printing machines, Check-. Riteall Checkwriter Corporation. 241,959; Mar. 15.
Razors and shears. Ehle & Hagemann. 238,115; Mar. 15.
Sewing machines. White Sewing Machine Corporation. 235,241; Mar. 15.
Shovels, spades, and scoops. Ames Shovel and Tool Company. 243,637; Mar. 15.
Vacuum cleaners. Quality Hardware and Machine Co. 242,907; Mar. 15.

CLASS 26.

Photographic goods. Ansco Photoproducts, Inc. 243,471; Mar. 15.

CLASS 29.

Toothbrushes. A. R. Munn, Inc. 242,842; Mar. 15.

CLASS 31.

Refrigerators and refrigerator parts. Leonard Refrigerator Company. 235,152; Mar. 15.

CLASS 32.

Furniture, Upholstered. Michigan Seating Company. 242,346; Mar. 15.
Mattresses. Standard Mattress and Furniture, Inc. 243,669; Mar. 15.
Prie-dieus. Holland Brass Works. 225,922; Mar. 15.

CLASS 33.

Glassware. Libbey Glass Manufacturing Company. 240,268; Mar. 15.

CLASS 34.

Gas water heaters. Detroit Range Boiler & Steel Barrel Company. 240,809; Mar. 15.

CLASS 35.

Leather belting. Cleveland Oak Belting Co. 240,242; Mar. 15.
Leathers, leather valve washers and disks, Valve. J. E. Rhoads & Sons. 229,586; Mar. 15.
Tires, Inner tubes, patches, etc., Rubber. Fisk Rubber Company. 243,145; Mar. 15.

CLASS 37.

Blank and partially-printed cards and forms for indexes, etc. Rand Kardex Bureau, Inc. 242,618; Mar. 15.
Paper. Reliance Paper & Twine Mills. 236,852; Mar. 15.
Paper, Stencil. Lion Typewriter Supplies Company, Limited. 240,986; Mar. 15.
Paper such as is used for bank checks, tickets, etc., Safety. Walther & Company. 242,033; Mar. 15.
Paper, tablets, and composition books. Birmingham Paper Company. 239,791; Mar. 15.
Paper towels. Continental Paper & Bag Mills Corporation. 241,874; Mar. 15.
Paper, Wrapping. Tomahawk Kraft Paper Co. 242,866; Mar. 15.
Pens, Metallic. D. Leonardt and Company. 242,234; Mar. 15.
Stencils. Wallace Addressing Machine Company. 242,321; Mar. 15.

CLASS 38.

House organ. National Life and Accident Insurance Company. 242,437; Mar. 15.
Maps. Midcontinent Map Company. 238,865; Mar. 15.
Music. Bee Jay Products Co. Inc. 228,795; Mar. 15.
Newspaper. News Publishing Company. 237,128; Mar. 15.
Newspaper section, Heading for a. Jos. A. Morris & Co. 243,102; Mar. 15.
Periodical. J. E. Van Dyke. 240,376; Mar. 15.
Publication, Periodical. Santa Maria Italian Educational and Industrial Home. 242,550; Mar. 15.
Publication. Child Study Association of America, Inc. 241,519; Mar. 15.

CLASS 39.

Coats, suits, dresses, sweaters, knickers, hosiery, etc., Women's. Mendelson Sportswear, Inc. 235,519; Mar. 15.
Collars, pyjamas, underwear, etc., Men's and boys'. H. Berger. 242,876; Mar. 15.
Garments, Cloth. Stern & Sayer. 242,513; Mar. 15.
Hats. J. J. Aarons & Co. 240,265; Mar. 15.
Hats. Kuntz-Simons, Inc. 235,781; Mar. 15.
Hats, Women's. O'Hern, Strack & O'Hern. 242,244; Mar. 15.
Hosiery. Dodge & Seymour, Ltd. 243,084; Mar. 15.
Hosiery. Knox Hosiery Mills. 240,982; Mar. 15.
Hosiery. Van. B. Moler Co. Inc. 238,732; Mar. 15.
Hosiery. Twinkies Specialty Company. 241,752; Mar. 15.
Hosiery, shawls, ruffs, collars, underwear, etc. James McCreery & Company. 241,889; Mar. 15.
Neckties. Welsbaum Bros.-Bower Co. 242,698; Mar. 15.
Overalls and work shirts. Neely, Harwell & Co. 241,429; Mar. 15.
Overshoes. W. B. Wreford. 241,916; Mar. 15.
Pants, overalls, jumperalls, and play suits. Henry Bros. & Co. 242,722; Mar. 15.
Robes and bath gowns, Beach and bath. Joshua Hoyle & Sons, Ltd. Inc. 241,103; Mar. 15.
Robes and bath gowns, Beach and bath. Joshua Hoyle & Sons, Ltd. Inc. 241,105; Mar. 15.
Shirts and trousers. D. M. Oberman Mfg. Co. 240,922; Mar. 15.
Shirts, pants, overalls, coats, etc. Richardson Dry Goods Co. 235,232; Mar. 15.
Soles for shoes, Composition. Mishawaka Rubber and Woolen Manufacturing Company. 239,665; Mar. 15.
Stockings, Children's. Simons & Struve Hosiery Company. 241,586; Mar. 15.
Suits, shoes, caps, scarfs, etc., Bathing. Asbury Mills. 242,038; Mar. 15.
Underwear. Rice-Stix Dry Goods Company. 237,387; Mar. 15.
Underwear, knitted and textile. Morris and Company. 242,019; Mar. 15.
Union suits of underwear of woven textile fabric for mens and boys. Cooper Underwear Company. 241,920; Mar. 15.

CLASS 40.

Embroideries and stamped fabrics, Unfinished art. Society Maid Needlecraft Co. 241,964; Mar. 15.
Patterns for embroidery, Transfer. Stemor Company. 239,684; Mar. 15.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 42.

Bedspreads. Bliss, Fabyan & Company. 224,802; Mar. 15.
Blankets, Cotton. Beacon Manufacturing Company. 226,707-8; Mar. 15.
Cloth in the piece. York Manufacturing Co. Inc. 241,975; Mar. 15.
Cotton goods in the piece. D. H. Grant & Co. 243,489; Mar. 15.
Cotton piece goods. Spartan Mills. 242,694; Mar. 15.
Cotton sheetings. Columbus Manufacturing Company. 233,109; Mar. 15.
Fabrics of wool, worsted, cotton, silk, etc. Woolen Corporation of America. 240,381; Mar. 15.
Knitted woolen cloths in the piece. M. Neyman. 243,105; Mar. 15.
Robes, Automobile. T. Kay. 242,954; Mar. 15.
Sheets and pillowcases. Horrockses, Crewdson & Co. 243,363; Mar. 15.
Silk goods in the piece. Cohn Hall Marx Co. 243,082; Mar. 15.
Silk piece goods. H. G. Warland Corp. 242,975; Mar. 15.
Silk piece goods. Weill & Callman. 243,901; Mar. 15.
Silk, silk, and cotton piece goods, etc., Artificial. Chapax Textile Co. 175,238; Mar. 15.
Textile fabrics. Oriental Silk Printing Company. 243,011; Mar. 15.
Toweling. Blodgett, Warren Co. 243,304; Mar. 15.
Woolen and worsted piece goods. Hager, Clark & Co. 243,048; Mar. 15.
Woolen and worsted piece goods. Hager, Clark & Co. 243,050; Mar. 15.
Woolen and worsted piece goods. Hager, Clark & Co. 243,055; Mar. 15.

CLASS 43.

Fibers, thread, and yarn, Plant. Clarence C. Selden & Co. 221,778; Mar. 15.

CLASS 44.

Dentures and denture parts. Erdle and Prange. 243,647; Mar. 15.
Pads and trusses in position, Appliances for retaining supporting. J. G. Homan. 243,760; Mar. 15.
Sanitary napkins. Kotex Company. 243,764; Mar. 15.
Sanitary napkins. Paper Novelty Company. 243,322; Mar. 15.

CLASS 45.

Beverages and compounds for making the same. Curtiss Candy Company. 243,422; Mar. 15.
Beverages and sirups for making the same and mineral water. Baldur A. G. für gärungslose Früchteverwertung. 239,395; Mar. 15.
Beverages, Nonalcoholic, maltless. Yankee Dry Corporation. 242,647; Mar. 15.
Ginger ale and sirup and extracts for making the same. Bottlers Supply Company. 242,471; Mar. 15.
Sirup for making soft drinks. E. W. Payne. 242,794; Mar. 15.

CLASS 46.

Beverage compounds, Cereal. Perco Cereal Co. 239,673; Mar. 15.
Beverage compounds, Cereal. Perco Cereal Co. 239,675; Mar. 15.
Butter and eggs. Hickman & Coward. 225,360; Mar. 15.
Candies. Loft, Inc. 243,224; Mar. 15.
Candies and salted nuts. K. O'Connell. 243,277; Mar. 15.
Candy. H. J. Crull. 243,199; Mar. 15.
Candy. Jones & Hensley. 235,142; Mar. 15.
Candy. H. W. McDermott 241,489; Mar 15
Candy and salted nuts. Ring-Ting Candy Shop. 225,577; Mar. 15.
Canned vegetables. Larsen Company. 228,916; Mar. 15.
Canned vegetables and fruits. Jos. Socolof Co. 242,628; Mar. 15.
Cereal breakfast food. Hoyland Flour Mills Company. 242,232; Mar. 15.
Cereal breakfast food. Kellogg Company. 206,671; Mar. 15.
Cereal breakfast foods. E. Fowler. 241,882; Mar. 15.
Chicks, Live. H. J. Campbell. 233,102; Mar. 15.
Cocoa. Cauchois Coffee Company. 238,778; Mar. 15.
Cocoa powder and products. Kakao-Kompagnie Theodor Reichardt, G. m. b. H. 235,649; Mar. 15.
Coffee, canned pork and beans, catchup, olives, pickles, vinegar, etc. West Side Wholesale Grocery Co. 203,551; Mar. 15.
Eggs, Fresh. Debow & Co. 241,935; Mar. 15.
Figs, Dried. California Peach & Fig Growers Association. 242,278; Mar. 15.
Flour, Wheat. Hopkinsville Milling Co. 241,282; Mar. 15.
Flour, Wheat. Kansas Milling Company. 243,217; Mar. 15.
Flour, Wheat. Rea-Patterson Miling Company. 243,113; Mar. 15.
Fruits. Dom Proto Pisani. 237,693; Mar. 15.
Fruits. Escondido Citrus Union. 240,175; Mar. 15.
Fruits and fresh vegetables. Illinois Fruit Growers Exchange. 242,501; Mar. 15.
Fruits, Canned, fresh deciduous, fresh citrous, dried. C. F. Rednall. 241,350; Mar. 15.
Fruits, Citrous. Sweet Water Fruit Company. 237,575; Mar. 15.
Gum, Chewing. Curtiss Candy Company. 243,425; Mar. 15.
Honey, peanut butter, tea, coffee, etc. J. L. Rosenfield. 230,317; Mar. 15.
Lards, butter, hams, bacon, etc. Wm. Schluderberg-T. J. Kurdle Co. 166,270; Mar. 15.
Malt sirups for food purposes. J. F. Mack. 232,503; Mar. 15.
Meat products. Brennan Packing Co. 241,691; Mar. 15.
Pears, apples, plums, cherries, and potatoes, Fresh. Loma Rica Ranch. 243,863; Mar. 15.
Pectin. Douglas Pectin Corporation. 234,773; Mar. 15.
Pickles, chowchow, pickled onions, etc. A. J. Moeller Pickle Co. 223,551; Mar. 15.
Pop corn, Raw. W. J. Batson. 224,226; Mar. 15.
Poultry and eggs, Dressed. A. W. Bear Commission Company. 238,003; Mar. 15.
Rennet preparations. Byk-Guldenwerke Chemische Fabrik. 234,558; Mar. 15.
Sausage, Meat. J. B. Cohen. 216,149; Mar. 15.
Sirup, Cane and maple. Portland Supply Co. 242,615; Mar. 15.
Sirup for food purposes, Hop-flavored malt. Red Sun Products Co. 242,800; Mar. 15.
Tea, coffee, and spices. S. Alpert. 233,051; Mar. 15.
Vegetables. I. G. Adamson. 233,518; Mar. 15.
Vegetables. W. E. McDavitt. 234,220; Mar. 15.

CLASS 50.

Cork composition, Fabric-faced sheets of. Armstrong Cork Company. 239,284; Mar. 15.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 15TH DAY OF MARCH, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abbott Laboratories. (See Volwiler, Ernest H., assignor.)
Ackermann, Frank B., W. C. Steffan, and W. J. Greiner, Chicago, Ill. Pencil. 1,621,048; Mar. 15.
Acme Machine Products Company. (See Munger, Earl A., assignor.)
Acushnet Process Company. (See Young, Philip E., assignor.)
Addle, Thomas H., Philadelphia, Pa. Plug cock. 1,620,623; Mar. 15.
Addleburg, James T., and L. M. Fox, Greeneville, Tenn. Mechanical advertising device. 1,621,344; Mar. 15.
Agthe, Frederick T., Catasauqua, Pa., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Packing. 1,620,989; Mar. 15.
Ahlm, Charles E. F., assignor to Automotive Patent Holding Company, Cleveland, Ohio. Transmission gearing. 1,620,854; Mar. 15.
Ahlm, Charles E. F., assignor to Automotive Patent Holding Company, Cleveland, Ohio. Transmission gearing. 1,620,855; Mar. 15.
Ahlm, Charles E. F., assignor to Automotive Patent Holding Company, Cleveland, Ohio. Transmission gearing. 1,620,856; Mar. 15.
Ahlm, Charles E. F., assignor to Automotive Patent Holding Company, Cleveland, Ohio. Transmission gearing. 1,620,857; Mar. 15.
Ahlm, Charles E. F., assignor to Automotive Patent Holding Company, Cleveland, Ohio. Transmission gearing. 1,620,858; Mar. 15.
Ahlm, Charles E. F., assignor to Automotive Patent Holding Company, Cleveland, Ohio. Transmission gearing. 1,620,859; Mar. 15.
Ajax Electric Hammer Corporation. (See Brumell, Henry P., assignor.)
Alfani, Guido, Firenze, and L. Mazza, Genoa, Italy. Selector for automatic telephone exchanges. 1,620,620; Mar. 15.
Allan, David M., Halifax, Nova Scotia, Canada, assignor to Standard Development Company. Distillation. 1,621,229; Mar. 15.
Allen, Carlton H., Dayton, Ohio. Process and apparatus for making paper or the like. 1,620,860; Mar. 15.
Allen, Robert C., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine valve. 1,620,624; Mar. 15.
Alliance Vitrified China Company. (See Hashagen, August, assignor.)
Allis-Chalmers Manufacturing Company. (See Agthe, Frederick T., assignor.)
Allis-Chalmers Manufacturing Company. (See Dimberg, Paul C., assignor.)
Allis-Chalmers Manufacturing Company. (See Klenk, George, assignor.)
Allis-Chalmers Manufacturing Company. (See Newhouse, Ray C., assignor.)
Allis-Chalmers Manufacturing Company. (See Nichols, Louis C., assignor.)
Allison, Fred, Highland Park, assignor to Ford Motor Company, Detroit, Mich. Starting system for internal-combustion engines. 1,620,747; Mar. 15.
Alsop, Samuel, New York, N. Y. Ignition apparatus. 1,620,861; Mar. 15.
Altemus, Jacob K., Philadelphia, Pa. Yarn-oiling device. 1,621,303; Mar. 15.
American Can Company. (See Widell, Magnus E., assignor.)
American Hardware Corporation, The. (See Teich, Ernest L., assignor.)
American-National Company, The. (See Weber, John, assignor.)
American Optical Company. (See Currier, Bernard P., assignor.)
American Optical Company. (See De Zeng, Henry L., assignor.)
American Optical Company. (See Maynard, Albert E., assignor.)
American Telephone and Telegraph Company. (See Ewing, Claude, assignor.)
American Telephone and Telegraph Company. (See Nelson, Stanley F., assignor.)
American Telephone and Telegraph Company. (See Nyquist, Harry, assignor.)
Andersen, Hans P. (See Pedersen, F. B., and Andersen.)
Andersen, Niels K. (See Harvey, A. L., and Andersen.)
Anderson, Halvor E., Kenosha, Wis. Doorcheck. 1,621,305; Mar. 15.
Anderson, James W., and W. B. Rice, New York, N. Y., assignor, by mesne assignments, to Vortex Mfg. Co., Chicago, Ill. Cup dispenser. 1,621,098; Mar. 15.
Anderson, Newton M., Bedford, Ind. Mixing machine. 1,621,345; Mar. 15.
Anderson, Thomas F. (See Carpenter, R. F., and Anderson.)
Anderson, William, Hebburn-on-Tyne, and H. W. Clothier, Wallsend-on-Tyne, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Metal-clad electric switch gear of the draw-out type. 1,620,792; Mar. 15.
Andersson, Axel H., assignor to Baker-Vawter Company, Benton Harbor, Mich. Filing case. 1,621,304; Mar. 15.
Angyal, Árpád, Balham, London, England. Playing percussion musical instruments. 1,621,449; Mar. 15.
Apfelbeck, Hugo, Falkaenau, Czechoslovakia. Press for making briquettes. 1,620,621; Mar. 15.
Appel, Daniel, assignor to The Cleveland-Akron Bag Company, Cleveland, Ohio. Making paper bags. 1,621,049; Mar. 15.
Aramian, Harry S., New York, N. Y. Pen nib. 1,621,450; Mar. 15.
Arbon, Paul & Company. (See Standlee, Harvey R., assignor.)
Arcade Manufacturing Company. (See Rubin, Adolph, assignor.)
Arey, Ralph G., assignor to Lundquist Tool and Manufacturing Company, Worcester, Mass. Electrical measuring instrument. 1,620,622; Mar. 15.
Armstrong Bros. Tool Co. (See Welter, Sebastian J., assignor.)
Arnati, Philippe, Paris, France. Keyless combination-lock mechanism for padlocks, door locks, and the like. 1,621,148; Mar. 15.
Arnsberg, Tessie, San Francisco, Calif. Shoe overall. 1,620,935; Mar. 15.
Ashbaugh, John H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,621,050; Mar. 15.
Atkins and Company. (See Atkins, Charles H., assignor.)
Atkins, Charles H., assignor to Atkins and Company, Inc., Palmer, Mass. Packing box for siphon pipes. 1,620,862; Mar. 15.
Atkinson, Joseph M., assignor to Oppenheim, Oberndorff Company, Inc., Baltimore, Md. Union suit. 1,621,392; Mar. 15.
Automotive Patent Holding Company. (See Ahlm, Charles E. F., assignor.)
Ayoub, Hana F., El Paso, Tex. Steering-wheel lock. 1,621,051; Mar. 15.
Babka, Joseph J., Berwyn, Ill. Oil atomizer. 1,620,625; Mar. 15.
Bain, Benjamin F., Pittsburgh, Pa. Game board. 1,621,185; Mar. 15.
Baker, Arthur J., assignor to The Willys-Overland Company, Toledo, Ohio. Internal-combustion engine. 1,620,936; Mar. 15.
Baker, Bertram F., Tannersville, N. Y. Dispensing-tube holder. 1,620,748; Mar. 15.
Baker Perkins Company. (See Head, R., and Prescott, assignors.)
Baker-Vawter Company. (See Andersson, Axel H., assignor.)
Ball, Carl L. (See Reynolds, J. W., and Ball.)
Barba, Frank Y., Astoria, N. Y. Attachment for typographical machines. 1,621,306; Mar. 15.
Barbieri, Angelo, Milan, Italy. Perforating apparatus. 1,620,711; Mar. 15.
Barclay, William R., and W. T. Minett, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Support. 1,620,793; Mar. 15.
Barker, Virgil D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Banding machine. 1,621,052; Mar. 15.
Baron, Leon, Brooklyn, N. Y. Bowel evacuant. 1,621,186; Mar. 15.
Barr, George R., Hackney, London, England. Automatic coin-operated machine. 1,621,230; Mar. 15.
Barrett, Thomas J., Bordentown, N. J. Machine for mixing road material and the like. 1,621,099; Mar. 15.
Bartak, James J., Cleveland, Ohio. Safety window device. 1,620,749; Mar. 15.

Bartkowiak, Wojciech. (See Leskiewicz, M., and Bartkowiak.)
Bartlett, Eva R., Pasadena, Calif. Bottle closure. 1,621,187; Mar. 15.
Bartlett, Kent W., Hammond, Ind. Apparatus for separating liquids and gases. 1,620,750; Mar. 15.
Bartlett, Kent W., Hammond, Ind. Tray. 1,620,751; Mar. 15.
Barton, Roy L., Milton, Iowa. Harrow-weight-distributing device. 1,620,794; Mar. 15.
Bashor, Emery E., and E. N. Wray, Berthoud, Colo. Tractor hitch. 1,620,937; Mar. 15.
Basinger, Mattie T., Kansas City, Mo. Paper doll. 1,621,231; Mar. 15.
Bassett, Harry P., Cynthiana, Ky. Altering viscosity of cellulose-containing materials. 1,620,938; Mar. 15.
Bassick Company, The. (See Herold, Walter F., assignor.)
Bassick Manufacturing Company, The. (See Manzel, Charles W., assignor.)
Bastien, Paul, Cleveland, Ohio. Brake. 1,620,752; Mar. 15.
Bauer, Martha V., Washington, D. C. Sanitary pad. Re16,570; Mar. 15.
Baugh, Charles J. (See Kinkade, W. D., and Baugh.)
Bench, Henry L., Brooklyn, N. Y. Container. 1,621,451; Mar. 15.
Bean, Leon L., Freeport, Me. Inside protecting stay for leather-top rubbers. 1,620,712; Mar. 15.
Beatty, Earl W., Falls City, Nebr. Cotter pin. 1,621,346; Mar. 15.
Bechstein, Carl A. (See Kornitz, Ewald E., assignor.)
Beckman, John W., Oakland, assignor of sixty per cent to G. C. Roeding, Piedmont, Calif. Pickling fruit, etc. 1,621,188; Mar. 15.
Beebe, Harold C., New Haven, Conn. Coin-controlled lock. 1,621,100; Mar. 15.
Behm, John J., Grand Haven, Mich. Child's coaster. 1,620,939; Mar. 15.
Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Feeding attachment for printing presses. 1,620,863; Mar. 15.
Bell, Fred C., Alameda, Calif. Combination condenser and oil separator. 1,620,713; Mar. 15.
Bell & Howell Company. (See Howell, Albert S., assignor.)
Bemis Bro. Bag Co. (See Belcher, Daniel, assignor.)
Bendix Brake Company. (See Samford, Roy S., assignor.)
Benesh, Matthew E., Chicago, Ill. Means and method for ascertaining, increasing, and maintaining the efficiency of water-gas-generating machines. 1,620,864; Mar. 15.
Bénit, Henri, assignor to La Societe dite l'Eclairage des Vehicules sur Rail, Paris, France. Regulating the voltage of dynamos of variable speed and load. 1,621,452; Mar. 15.
Bennett, Wilbur, Scranton, Pa., assignor to The Graff Furnace Company, New York, N. Y. Kitchen range. Des. 72,202; Mar. 15.
Benson, Walter F., Fort Madison, Iowa. Fountain pen. 1,620,626; Mar. 15.
Benzel, Emile L., Sherman, Tex. Grain mixer. 1,621,307; Mar. 15.
Bergeim, Frank H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Triazo-nitrate explosives and producing the same. 1,620,714; Mar. 15.
Bergeim, Frank H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 1,620,715; Mar. 15.
Bergmann, Conrad, assignor to Columbia Steel Equipment Company, Philadelphia, Pa. Card holder. 1,621,393; Mar. 15.
Bernitz Furnace Appliance Company. (See Nygaard, Oscar, assignor.)
Berry, Herbert H., and J. W. Reid, London, England. Heating element for electric fires, radiators, and the like. 1,620,627; Mar. 15.
Bersted, Martin C., Chicago, Ill. Grease gun. 1,621,308; Mar. 15.
Bertin, Charles F. J. M., Mustapha, Alger, Algeria. Mechanical integrating device and applications of the same, chiefly to a navigation course recorder. 1,621,394; Mar. 15.
Besse, Carl H., Tulsa, Okla. Swing lever for sand reels. 1,621,033; Mar. 15.
Beth, Ehron C., Los Angeles, Calif. Telephone lock. 1,620,628; Mar. 15.
Betke, Herman, Denver, Colo. Steam board. 1,620,753; Mar. 15.
Betts, John H. (See Curtis, Henry E., assignor.)
Bicheroux, Max, Herzogenrath, near Aix-La-Chapelle, Germany. Transport table for rolled sheet glass. 1,621,054; Mar. 15.
Biemer, Heinrich, Berlin, Germany. Padlock. 1,621,347; Mar. 15.
Biflex Products Company. (See Pancoast, William G., assignor.)
Bignell, Edward, Lincoln, assignor to Concrete Piling Co., Seward, Nebr. Pile. 1,621,232; Mar. 15.
Bissell Carpet Sweeper Company. (See Owen, I. J., and Bouwmeester, assignors.)
Bixby, Walter, assignor to Shawmut Engineering Company, Boston, Mass. Tube frame. 1,621,453; Mar. 15.
Black, Harold S., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier wave signaling system. 1,620,629; Mar. 15.
Black, Lee J., Beaumont, Tex. Pump jack. 1,620,795; Mar. 15.
Blackden, Perry D., assignor of one-half to Ora A. Morse, Sacramento, Calif. Grain cleaning and grading machinery. 1,620,865; Mar. 15.
Blanchard, William, Houston, Tex. Submerged bridge. 1,620,716; Mar. 15.
Blankenhorn, George W., San Francisco, Calif.; P. E. Witherby, Guardian. Machine for correcting irregularities in flanges of cans preliminary to sealing the cans. 1,620,796; Mar. 15.
Bleecker, Warren F., Boulder, Colo. Producing impervious material. 1,620,940; Mar. 15.
Bleier, William D., assignor to Doughnut Machine Corporation, New York, N. Y. Device for forming alimentary products. 1,621,454; Mar. 15.
Blissitt, William R., Columbus, Ga. Mattress and bed protector. 1,621,149; Mar. 15.
Blomfield, Alfred L., Kingman, Ariz. Ore-treating system. 1,621,474; Mar. 15.
Blount, Harry, Oak Park, and J. W. Hernlund, Glen Ellyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Wire-drawing apparatus. 1,621,309; Mar. 15.
Boedigheimer, Leo F. (See Fontaine, Philiza H., assignor.)
Boland, William P. (See Dougherty, John J., assignor.)
Boller, Albert, Wetzikon, Switzerland. Yarn. 1,621,348; Mar. 15.
Bonaventure, Barney S., New York, N. Y. Arch support. 1,620,797; Mar. 15.
Bonaventure, Barney S., New York, N. Y. Cover for ballet slippers. 1,621,455; Mar. 15.
Booth, Beryl C., Akron, Ohio. Punch bowl. 1,621,055; Mar. 15.
Booth, William H., Kincardine, Ontario, Canada. Game. 1,620,866; Mar. 15.
Booth, Z. A., et al. (See Hodges, B. D., and Owen, assignors.)
Bornhauser, Otto E., and J. E. Herman, assignors to The Her-Born Engineering and Manufacturing Company, Sandusky, Ohio. Liquid-feeding means for apparatus for preparing a moist cementitious mixture or mass. 1,621,310; Mar. 15.
Bothe, Clarence W. (See Cleveland, W. H., and Bothe.)
Bourgeois, Constant, Rouen, France. Shuttle provided with a hand or automatic threading device. 1,621,101; Mar. 15.
Bouwmeester, Bernard J. (See Owen, I. J., and Bouwmeester.)
Boyd, David M. and W. C. Capen, assignors, by mesne assignments, to Electrol, Inc. of Missouri, St. Louis, Mo. Oil burner. 1,620,754; Mar. 15.
Boyle, James F., Hammondsport, N. Y. Collapsible boat. 1,620,867; Mar. 15.
Bradshaw, William M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermal relay. 1,621,056; Mar. 15.
Brainard, Forest J., Brocton, N. Y. Basket handle. 1,620,941; Mar. 15.
Brandes Laboratories, Inc. (See Brigham, Cyril A., assignor.)
Brant, Jessie H., Youngstown, Ohio. Track-scale trig loop. 1,621,150; Mar. 15.
Brasa, Italo, Milan, Italy. Typewriter. 1,620,942; Mar. 15.
Brasack, William, Oak Park, Ill. Car retarder. 1,620,943; Mar. 15.
Brenne, Arild M., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,620,630; Mar. 15.
Brewer, Harold D., Oklahoma City, Okla. Golf game. 1,621,057; Mar. 15.
Brice, Norman E., Brooklyn, and H. G. Snyder, New York, assignor to The Permutit Company, New York, N. Y. Water softener. 1,620,717; Mar. 15.
Briggle, Daniel, Bloomdale, Ohio. Loading device. 1,621,151; Mar. 15.
Brigham, Cyril A., East Orange, N. J., assignor to Brandes Laboratories, Inc., Newark, N. J. Electromagnetic sound reproducer. 1,620,631; Mar. 15.
Brisbois, Odilon, Chicago, Ill. Engine starter. 1,621,102; Mar. 15.
Broderick, Joseph F., Springdale, Conn. Support for radiators and the like. 1,620,632; Mar. 15.
Brothers, Edwin S., Brooklyn, N. Y. Dental apparatus. 1,620,990; Mar. 15.
Brown, Earl J. (See D'Evlyn, Elizabeth, assignor.)
Brown, George R., Bridgeport, Conn., assignor to General Electric Company. Electric fuse. 1,621,349; Mar. 15.
Brown Hoisting Machinery Company, The. (See Lipps, Louis P., assignor.)
Brown, Horace P., Oakland, Calif. Apparatus for printing and assembling manifolding books, pads, etc. 1,621,189; Mar. 15.
Brown, John P. (See Trompeter, H. F., and Brown.)
Brown, Ray W., assignor to The Mechanical Appliances Co., Los Angeles, Calif. Precision contraangle piece. 1,621,190; Mar. 15.
Brown, William L., 4d, Philadelphia, Pa. Trolley for kites. 1,620,991; Mar. 15.

Brown, William W., and J. E. Love, Schenectady, N. Y., assignors to General Electric Company. Sectional-type inductance coil. 1,621,456; Mar. 15.
Brumberg, Zelton D., Ironton, Ohio. Display device. 1,620,944; Mar. 15.
Brumell, Henry P., assignor to Ajax Electric Hammer Corporation, New York, N. Y. Power-driven hammer or riveter. 1,621,103; Mar. 15.
Brundage, James W., assignor to The Miller Rubber Company, Akron, Ohio. Bias-cutting machine. 1,621,152; Mar. 15.
Bryant Electric Company, The. (See Goodridge, Gilbert W., assignor.)
Bryant Electric Company, The. (See Thomas, George B., assignor.)
Buck, Charles P., Topeka, Kans., assignor to Gustin-Bacon Manufacturing Company, Kansas City, Mo. Automatic vapor-take-off valve for oil tanks. 1,620,718; Mar. 15.
Buck, Charles P., Topeka, Kans., assignor to Gustin-Bacon Manufacturing Company, Kansas City, Mo. Relief valve for excessive-pressure vapor tanks and lines. 1,620,719; Mar. 15.
Buck, Charles P., Topeka, Kans., assignor to Gustin-Bacon Manufacturing Company, Kansas City, Mo. Combination vacuum and pressure relief valve. 1,620,720; Mar. 15.
Bull, Frank W., Oshawa, Ontario, Canada. Shock absorber. 1,620,945; Mar. 15.
Bullitt, James B., near San Jose, Calif. Stereoscopic photography. 1,620,992; Mar. 15.
Bullock, Jay, Marquette, Mich., assignor to A. S. Reed, Portland, Oreg. Check. 1,621,457; Mar. 15.
Bunnenberg, Helene, Hannover, Germany. Gaiter. 1,621,163; Mar. 15.
Burch, Orson G., Detroit, Mich. Sash-regulating device. 1,621,104; Mar. 15.
Burger, Oswald, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, New York, N. Y. Electric condenser. 1,621,058; Mar. 15.
Burger, William J., East Cleveland, assignor to The Warner and Swasey Company, Cleveland, Ohio. Cross-slide carriage for turning and facing blanks. 1,620,868; Mar. 15.
Burgess, Albert F., Melrose Highlands, Mass., dedicated by mesne assignments, to the people of the United States. Light motor-truck attachment for high-pressure spraying. 1,620,946; Mar. 15.
Burke, Arthur S., Sioux Falls, S. Dak. Toy vehicle. 1,621,350; Mar. 15.
Burke, Robert F. (See Hinman, J. H., and Burke.)
Burns, Julius G., and H. S. Davis, New York, N. Y., assignors to Purecold Products of America, Inc. Freezing press. 1,620,993; Mar. 15.
Burress, Herman N., assignor of one-half to L. T. Compton, Matewan, W. Va. Switch-throwing mechanism. 1,620,947; Mar. 15.
Burton, Harry H., New Bedford, assignor to Draper Corporation, Hopedale, Mass. Spooler bobbin holder. 1,621,059; Mar. 15.
Bustamante, Eduardo, Staten Island, N. Y. Device for firing cannons. 1,620,994; Mar. 15.
Butler, Henry E., Scotia, N. Y. License holder. 1,620,798; Mar. 15.
Cabot, Sewall, Brookline, Mass. Musical sound resonator. 1,620,869; Mar. 15.
California Card Manufacturing Company. (See Helmquest, William J., assignor.)
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Load-discharging car. 1,620,948; Mar. 15.
Campbell, Harry E., assignor to Union Electric Manufacturing Company, Milwaukee, Wis. Controlling device. 1,621,233; Mar. 15.
Campbell, Robert H., Upper Edmonton, London, assignor to Sparklets Limited, London, England. Inflating apparatus for life-saving devices. 1,621,458; Mar. 15.
Capen, Wallace C. (See Boyd, D. M., and Capen.)
Carlson, Arthur J., Vernon, Tex. Slicing device. 1,620,995; Mar. 15.
Carolyn Laundry. (See Lane, Edwin, assignor.)
Carpenter, Charles E., Chicago, Ill. Toasting machine and the like. 1,621,234; Mar. 15.
Carpenter, Robert F., and T. F. Anderson, assignors to The Sanymetal Products Company, Cleveland, Ohio. Metal partition. 1,621,060; Mar. 15.
Carrey, John O., assignor to Carrey-Morse Engineering Company, St. Louis, Mo. Compressor. 1,620,870; Mar. 15.
Carrey, John O., assignor to Carrey-Morse Engineering Company, St. Louis, Mo. Flywheel and balancing same. 1,620,871; Mar. 15.
Carrey-Morse Engineering Company. (See Carrey, John O., assignor.)
Carson, George F., Memphis, Tenn. Automatic safety gate for railroad crossings. 1,620,799; Mar. 15.
Carter, Alva J., assignor to Carter Radio Company, Chicago, Ill. Jack. 1,620,755; Mar. 15.
Carter Radio Company. (See Carter, Alva J., assignor.)
Carter, Ray L., Phoenix, N. Y. Door-mortising machine. 1,621,061; Mar. 15.
Cassels, Charles W., assignor to The N. Slater Company, Limited, Hamilton, Ontario, Canada. Cross-arm. 1,620,949; Mar. 15.
Cathrill, Jack, West Hollywood, Calif. Headlight lens. 1,620,872; Mar. 15.
Caulkins, Cecil P., New London, Conn. Thimble. 1,620,996; Mar. 15.
Celluloid Company, The. (See Lindsay, William G., assignor.)
Chandler, Milton E. (See Mock, F. C., Gustafson, and Chandler.)
Chase, Charles J., Philadelphia, Pa. Sanitary milk bottle and cap. 1,620,997; Mar. 15.
Chevalier, Harry C., Mount Olive, Ill. Sign-display case. Des. 72,203; Mar. 15.
Chisholm-Ryder Co. Inc. (See Goffin, John, assignor.)
Christensen, Niels C., Salt Lake City, Utah. Treating sulphide ores of lead and zinc. 1,620,873; Mar. 15.
Christophel, Carl E., assignor to Dexter Folder Company, Pearl River, N. Y. Automatic throw-out mechanism for printing presses and the like. 1,620,800; Mar. 15.
Chubb, Lewis W., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Radio system. 1,621,062; Mar. 15.
Ciccone, Anthony, Chicago, Ill. Valve pad for wind instruments. 1,621,395; Mar. 15.
Clark Controller Company, The. (See Rippl, Charles H., assignor.)
Clark, J. L., Manufacturing Co. (See Mills, Wallace C., assignor.)
Clark, Virgil R., Philadelphia, Pa. Starting device for internal-combustion engines. 1,620,998; Mar. 15.
Clark, Will A., St. Louis, Mo. Liquid-polish applier. 1,620,801; Mar. 15.
Claude, Georges, assignor to Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude), Paris, France. Manufacture of fertilizers. 1,621,311; Mar. 15.
Clement, Philip E., Manchester, N. H. Combination tail light and illuminated license plate. 1,621,351; Mar. 15.
Cleveland-Akron Bag Company, The. (See Appel, Daniel, assignor.)
Cleveland, William H., and C. W. Bothe, Wellington, Kans. Retracting sectional running board. 1,621,479; Mar. 15.
Clizbe, Adelbert R., Plymouth, Ind. Oil burner. 1,621,063; Mar. 15.
Clothier, Henry W. (See Anderson, W., and Clothier.)
Cocozella, Anthony, jr. (See Cocozella, Anthony and A., jr.)
Cocozella, Anthony and A., jr., Lynn, Mass. Finishing machine for boots and shoes. 1,620,721; Mar. 15.
Coffman, Samuel M., Kansas City, and W. M. Elder, Braymer, Mo. Trap. 1,620,950; Mar. 15.
Collins, William A., assignor, by mesne assignments, to The Safe-T-Stat Co., Philadelphia, Pa. Thermo-electric indicator and safety device. 1,621,396; Mar. 15.
Colomb, Henri, Tavannes, Switzerland. Manufacturing process of blanks for watch movements. 1,621,235; Mar. 15.
Colorado Vanadium Corporation. (See Thews, Karl B., assignor.)
Columbia Steel Equipment Company. (See Bergmann, Conrad, assignor.)
Colvin, Charles H., assignor to Pioneer Instrument Company, Brooklyn, N. Y. Pitot-static tube. 1,620,633; Mar. 15.
Commonwealth Steel Company. (See Sheehan, William M., assignor.)
Compton, L. T. (See Burress, Herman N., assignor.)
Conant, May C., and C. Seely, Cleveland, Ohio. Hair curler. 1,620,722; Mar. 15.
Concrete Piling Co. (See Bignell, Edward, assignor.)
Connersville Blower Co., The. (See Houghton, Carl R., assignor.)
Container Corporation of America. (See Walter, Harrison B., assignor.)
Cook, Clarence P., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 1,620,999; Mar. 15.
Cook, Clarence P., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 1,621,105; Mar. 15.
Cosgrove, John W., Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Applying apparatus. 1,620,802; Mar. 15.
Cox, David H., Roselle, N. J. Tire-repair device. 1,621,154; Mar. 15.
Craig, Orvel J., Minneapolis, Minn. Fastening device. 1,620,874; Mar. 15.
Crandall, Arvid S., Chicago, Ill. Light reflector. 1,621,412; Mar. 15.
Crawford, Frank, sr., assignor to The Crawford Manufacturing Company, New Brunswick, N. J. Stop motion for knitting machines. 1,621,397; Mar. 15.
Crawford Manufacturing Company, The. (See Crawford, Frank, sr., assignor.)
Crewes, James A., Indianapolis, Ind. Door opening and closing mechanism. 1,621,459; Mar. 15.
Cripe, Harry E., Chicago, Ill., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,621,106; Mar. 15.
Crockett, William P., Chicago, Ill. Call switch for hospital signal systems. 1,620,951; Mar. 15.
Crompton & Knowles Loom Works. (See Unwin, Kenneth J., assignor.)

Crompton & Knowles Loom Works. (See Wakefield, Walter H., assignor.)
Cronenweth, Earl E., Wilkinsburg, Pa. Antiskid chain. 1,621,398; Mar. 15.
Cross, Alexander D., Irvington, N. J. Golf bag. 1,621,107; Mar. 15.
Cross, Walter M., Kansas City, Mo. Method and apparatus for treating petroleum hydrocarbons. 1,621,475; Mar. 15.
Crowell, George H., Berlin, N. H. Oil burner. 1,621,313; Mar. 15.
Crowley, John C., assignor to The Dill Manufacturing Company, Cleveland, Ohio. Method and apparatus for vulcanizing rubber packing upon a cylindrical article. 1,621,000; Mar. 15.
Cruikshank, James W., Pittsburgh, Pa. Apparatus for grinding plane surfaces. 1,621,236; Mar. 15.
Cruz, Jose, and P. Noguera, Shelton, Conn. Automobile tire rim. 1,621,460; Mar. 15.
Curran, John B., Westfield, Mass., assignor, by mesne assignments, to The Fuller Brush Company, Hartford, Conn. Collapsible receptacle. 1,620,803; Mar. 15.
Currie, Gail G., Los Angeles, Calif. Fan wheel. 1,620,875; Mar. 15.
Currier, Bernard P., assignor to American Optical Company, Southbridge, Mass. Measuring instrument. 1,621,352; Mar. 15.
Currivan, John F., Cambridge, Mass. Automatic cut-off valve. 1,620,876; Mar. 15.
Curtis, Henry E., San Jose, assignor of one-half to J. H. Betts, Long Beach, Calif. Shackle assembly. 1,620,756; Mar. 15.
Cutler, Samuel R., administrator. (See Furber, Frederick M.)
Cutter, Scott C., Oswego, Ill. Insulator. 1,620,804; Mar. 15.
Dahlstrom, John J., assignor to Walkee Toy & Novelty Co., Inc., New Orleans, La. Toy. 1,621,353; Mar. 15.
Dalton Hosiery Mills. (See Williams, James C., assignor.)
Davenport, George R., Royal Oak, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Internal-combustion engine. 1,621,155; Mar. 15.
Davies, Frederick A., assignor to The Steel Construction Company Limited, Auckland, New Zealand. Bitumen boiler. 1,620,952; Mar. 15.
Davis, Francis F., assignor to F. H. Davis, San Rafael, Calif. Wire-cable well-drilling device. 1,621,191; Mar. 15.
Davis, Francis H. (See Davis, Francis F., assignor.)
Davis, Francis H., and J. W. Klohe, Monterey, Calif.; said Klohe assignor to said Francis H. Davis. Machine for scaling and grading fish. 1,620,953; Mar. 15.
Davis, Glenn S., deceased, Rome, Ga.; R. M. Davis, administratrix. Valve-spring compressor. 1,621,237; Mar. 15.
Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Loom frog. 1,620,954; Mar. 15.
Davis, Herbert S. (See Burns, J. G., and Davis.)
Davis, Roberta M., administratrix. (See Davis, Glenn S.)
Dawley, Clarence A., Plainfield, N. J. Pulsation compensated meter. 1,621,354; Mar. 15.
Dawson, Robert K., Akron, N. Y. Furnace. 1,620,805; Mar. 15.
Day, Charles E. (See Grabler, Peter, assignor.)
Dean, George E. (See Seigle, P. G., and Dean.)
Dearsley, Irwin E., assignor to Walker Manufacturing Company, Racine, Wis. Lifting jack. 1,621,314; Mar. 15.
De Camp, William H., Van Wert, Ohio. Pie-plate scoop. 1,621,355; Mar. 15.
De Cew, Judson A., Mount Vernon, assignor to Process Engineers, Inc., New York, N. Y. Paper sizing. 1,621,399; Mar. 15.
Dehle, Otto T., Boston, Mass. Apparatus for dyeing skeins. 1,621,238; Mar. 15.
Denison, Frederick S., assignor to Minneapolis Heat Regulator Company, Minneapolis, Minn. Thermoelectric switch. 1,620,806; Mar. 15.
Denmire, Harold A., assignor to The General Tire and Rubber Company, Akron, Ohio. Apparatus for covering tire beads. 1,621,239; Mar. 15.
Dennis, William J., Attleboro, Mass. Vermifuge and insecticide. 1,621,240; Mar. 15.
Dentler, Arnold E., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock absorbing mechanism. 1,620,634; Mar. 15.
D'Evlyn, Elizabeth, assignor of one-half to E. J. Brown, Chicago, Ill. Baking pan. 1,621,315; Mar. 15.
Dexter Folder Company. (See Christophel, Carl E., assignor.)
De Zeng, Henry L., Geneva, N. Y., assignor to American Optical Company, Southbridge, Mass. Diagnostic instrument. 1,621,461; Mar. 15.
Diamond Match Company, The. (See Donnelly, Joseph C., assignor.)
Diamond Match Company, The. (See Wright, Charles F., assignor.)
Dickey, Cephus H., Kansas City, Kans. Dust-preventing device for rear platform of vehicles. 1,621,356; Mar. 15.
Dietz, Frank L., Brooklyn, N. Y. Fuel oil. 1,620,635; Mar. 15.
Dill Manufacturing Company. (See Crowley, John C., assignor.)
Dill Manufacturing Company, The. (See Hansen, Henry J., assignor.)
Dillahunt, John W., Hartford, Conn. Snow-cleaning apparatus. 1,621,156; Mar. 15.
Dillenbach, Daniel S., Hastings, Nebr. Twine and rope cutter. 1,621,357; Mar. 15.
Dimberg, Paul C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Manufacturing turbines. 1,621,001; Mar. 15.
Dimberg, Paul C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Manufacturing turbines. 1,621,002; Mar. 15.
Dimmig, Howard, Chicago, Ill., assignor to The Texas Company, New York, N. Y. Soluble oil. 1,621,483; Mar. 15.
Dinhofer, Julius, New York, N. Y. Finger ring. Des. 72,204; Mar. 15.
Dixon, Gustave G., et al. (See Koehn, Daniel W., assignor.)
Dodd, James, Brisbane, Queensland, Australia. Casting reel. 1,621,003; Mar. 15.
Dodelin, Emil A. (See Shetzline, S. R., jr., and Dodelin.)
Doherty Research Company. (See Fisher, James P., assignor.)
Dommer, John A., Euclid, Ohio. Brake-band-adjusting device. 1,621,004; Mar. 15.
Donnelly, James, Philadelphia, Pa. Electric stop motion for looms. 1,621,358; Mar. 15.
Donnelly, Joseph C., Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Mechanism for filling match safes and the like. 1,621,316; Mar. 15.
Donnigan, Edward W. (See Knowlton, D. E., and Donnigan.)
Dougherty, John J., assignor of one-half to W. P. Boland, Scranton, Pa. Dumping appliance. 1,621,462; Mar. 15.
Doughnut Machine Corporation. (See Bleier, William D., assignor.)
Drake, Warren C., Inwood, N. Y. Furnace. 1,621,241; Mar. 15.
Draper, Clare H., Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Weft-replenishing loom. 1,621,242; Mar. 15.
Draper Corporation. (See Burton, Harry H., assignor.)
Draper Corporation. (See Davis, Harry A., assignor.)
Draper Corporation. (See Stimpson, Wallace I., assignor.)
Drew, Henry J., Brunswick, J. A. H. Drew, Elsternwick, and J. F. Gardiner, Gardenvale, Victoria, assignors to Wing Clothes Peg Proprietary, Limited, Elsternwick, Australia. Clothes peg. 1,621,108; Mar. 15.
Drew, John A. H. (See Drew, Henry J. and J. A. H., and Gardiner.)
Dreyfus, Henry, London, England. Manufacture of artificial threads and filaments. 1,620,636; Mar. 15.
Drohan, Francis P., Jacksonville, Fla. Tube holder and paste ejector. 1,620,055; Mar. 15.
Drummond, Henry E. M., Frankton Junction, New Zealand. Grease and oil pump for motor cars and machinery. 1,621,109; Mar. 15.
Drummond, Robertson P., assignor to Pacific Cast Iron Pipe & Foundry Company, Los Angeles, Calif. Composition of matter. 1,620,877; Mar. 15.
Du Bois, Harry D., West Orange, N. J., assignor to Louis Wolf & Co. Inc., New York, N. Y. Musical doll. 1,621,157; Mar. 15.
Du Pont, E. I., de Nemours & Company. (See Bergeim, Frank H., assignor.)
Durand Steel Locker Company. (See Vance, Walter N., assignor.)
Dyke, Rhos A., Myrtle Point, Oreg. Combination square and bevel. 1,621,192; Mar. 15.
Eagan, John S., Providence, R. I. Curtain fixture. 1,621,243; Mar. 15.
Eaton, William S., Sag Harbor, N. Y. Engraving or like machine. 1,621,317; Mar. 15.
Edelmann, Oskar, Schlettau, Erzgebirge, Germany. Spinning machine. 1,621,158; Mar. 15.
Edwards, Artist A., and R. L. McDonald, Wilson, Okla. Ant trap. 1,621,318; Mar. 15.
Ehrhart, Raymond N., assignor to Elliott Company, Pittsburgh, Pa. Water-heating system for power plants. 1,620,807; Mar. 15.
Eichhorst, Franz, Treptow-on-the-Rega, Germany, assignor of one-half to F. Schmekel, Mount Clemens, Mich. Rocking-horse. 1,621,193; Mar. 15.
Elder, Frederick L., Dayton, Wash. Thrashing machine. 1,621,194; Mar. 15.
Elder, William M. (See Coffman, S. M., and Elder.)
Eldridge, Ray W., Orleans, Vt. Handkerchief-display case. 1,620,808; Mar. 15.
Electric Arc Cutting & Welding Company. (See Holslag, Claude J., assignor.)
Electrol, Inc. of Missouri. (See Boyd, D. M., and Capen, assignors.)
Electrolux Servel Corporation. (See Von Platen, B. C., and Munters, assignors.)
Elliott Company. (See Ehrhart, Raymond N., assignor.)
Ellis, George D., & Sons, Incorporated. (See Reiling, John J., assignor.)
Elmen, Gustaf W., Leonia, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,620,878; Mar. 15.

Elnett, Anthony A., New York, N. Y. Comb. 1,621,005; Mar. 15.
El Paso Sash and Door Company. (See Evans, George, assignor.)
Enterprise Manufacturing Company, The. (See Pflueger, Charles T., assignor.)
Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)
Erie City Iron Works. (See Jones, Jacob H., assignor.)
Ermold, Elmer A., assignor to Wirt Company, Philadelphia, Pa. Lamp fixture. Des. 72,205; Mar. 15.
Ernst, Otto, and O. Nicodemus, Hoechst-on-the-Main, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing a highly-active charcoal. 1,621,195; Mar. 15.
Estrada, Luis, Buenos Aires, Argentina. Window. 1,621,463; Mar. 15.
Etablissements Ed. Jaeger. (See Rodanet, Charles H. H., assignor.)
Eureka Steel Range Company. (See Willard, Joseph T., assignor.)
Evans, George, assignor to El Paso Sash and Door Company, El Paso, Tex. Built-in telephone cabinet. 1,620,637; Mar. 15.
Evans, Robert D., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Power-factor meter. 1,621,006; Mar. 15.
Evans, Robert T., Scottdale, Ariz. Abdominoscope. 1,621,159; Mar. 15.
Ewing, Claude, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Testing system. 1,621,480; Mar. 15.
F. Ad Richter & Cie. A. G., Baukastenfabrik. (See Strub, Otto H., assignor.)
Fagan, John T., and J. J. Malloy, Cleveland, Ohio, assignors to General Electric Company. Glass working machine. 1,621,359; Mar. 15.
Fagen, Abraham A., Minneapolis, Minn. Coin-operated vending machine. 1,621,244; Mar. 15.
Fager, Albert H., Los Angeles, Calif. Vehicle running gear. 1,620,809; Mar. 15.
Fairweather, Nelson H., Everett, assignor to Gillette Safety Razor Company, Boston, Mass. Pile wire. 1,621,400; Mar. 15.
Falge, Robert N., Cleveland, Ohio, assignor to General Electric Company. Incandescent lamp. 1,621,360; Mar. 15.
Faller, Ernest A., and E. E. Kleinschmidt, Brooklyn, N. Y., assignors, by mesne assignments, to Morkrum-Kleinschmidt Corporation, Chicago, Ill. Method of and device for transmitting electric impulses. 1,620,638; Mar. 15.
Fathauer, Alvin J., Cleveland, Ohio. Coil winder. 1,620,879; Mar. 15.
Federal Gypsum Products Company. (See Parkhurst, Layton M., assignor.)
Feigelman, Herman A., Paterson, N. J. Display container. 1,620,810; Mar. 15.
Fellows, Edwin R., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Work-setting means for gear-generating machines. 1,620,811; Mar. 15.
Fellows Gear Shaper Company, The. (See Fellows, Edwin R., assignor.)
Ferris, Wheaton C., University City, Mo. Lock. 1,620,757; Mar. 15.
Féry, Charles, Paris, France. Electric cell. 1,621,481; Mar. 15.
Files, Adino F., Maumee, Ohio. Triturating machine. 1,620,639; Mar. 15.
Filmer, George B., assignor of one-half to W. J. Harvey, Toronto, Ontario, Canada. Producing metallic oxides. 1,620,880; Mar. 15.
Fisher, Arthur W. (See Snavely, C. S., and Fisher.)
Fisher, Arthur W., Forrest Hills Borough, and W. B. Wells, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway apparatus. 1,621,196; Mar. 15.
Fisher, Clifford H., Fort Lauderdale, Fla. Garment hanger. 1,621,160; Mar. 15.
Fisher, Isaac W., Laguna Beach, Calif. Casement-window weather strip. 1,621,361; Mar. 15.
Fisher, James P., Bartlesville, Okla., assignor, by mesne assignments, to Doherty Research Company, New York, N. Y. Fluid-controlling mechanism. 1,620,881; Mar. 15.
Flowers, Stanley A., assignor to Pittsburgh Tinware Manufacturing Company, Pittsburgh, Pa. Construction for metal stools, stands, and the like. 1,621,245; Mar. 15.
Fogarty, John G., West Webster, assignor of one-fourth to Sweeney and Boland, Rochester, N. Y. Apparatus for driving railroad spikes. 1,620,812; Mar. 15.
Fontaine, Philiza H., assignor of one-half to L. F. Boedigheimer, Petersburg, N. Dak. Oil can. 1,621,362; Mar. 15.
Ford, Henry, Dearborn, Mich. Making axle housings. 1,621,007; Mar. 15.
Ford Motor Company. (See Allison, Fred, assignor.)
Ford Motor Company. (See Smith, William H., assignor.)
Foreman, Amos L., assignor to Milk Bottle Crate Company, Chicago, Ill. Box or crate. 1,621,363; Mar. 15.
Forrester, John D., Kansas City, Mo., assignor to P. J. McInerney, Dallas, Tex. Making asphaltic road material. 1,620,813; Mar. 15.
Fortin, Joseph O., Ottawa, Ontario, Canada. Camping outfit. 1,621,464; Mar. 15.
Founds, Edison A., assignor of one-fourth to R. B. Grimes, Philadelphia, Pa. Aeroplane kite. 1,620,882; Mar. 15.
Fowler, Homer J., et al. (See Hodges, B. D., and Owen, assignors.)
Fox, Cecil M., Toledo, Ohio, assignor to The Rollaway Motor Company. Projection apparatus for stereopticon views and cinematographic films. 1,620,956; Mar. 15.
Fox, Llewelyn M. (See Addelburg, J. T., and Fox.)
Foy, Fernand, Gentilly, France. Pulp-molding machine. 1,621,401; Mar. 15.
Franklin Equipment Company. (See Langer, Rudolph J., assignor.)
Franklin Simon & Co. Inc. (See Siegel, Maude, assignor.)
French, Clara B. (See French, Sherman, assignor.)
French, Sherman, assignor of one-fourth to C. B. French, Portland, Oreg. Furnace. 1,620,883; Mar. 15.
Fricker, Anthony, Lakewood, Ohio. Clasp. 1,621,008; Mar. 15.
Friedlaender, Isador L., and S. J. Marx, Detroit, Mich. Antiskid freight-anchoring device for flat cars. 1,620,758; Mar. 15.
Friedrich, Kurt K., Annaberg im Erzgebirge, Germany. Collapsible lantern. 1,620,640; Mar. 15.
Fritz, Edward C. (See Hill, Frank A., assignor.)
Fuller Brush Company, The. (See Curran, John B., assignor.)
Furber, Frederick M., deceased, Revere, Mass.; S. R. Cutler, administrator, assignor to C. A. Pipenhagen, Chicago, and J. F. Raleigh, River Forest, Ill. Temperature-controlling apparatus for internal-combustion engines. 1,621,064; Mar. 15.
Furber, Frederick M., deceased, Revere, Mass.; S. R. Cutler, administrator, assignor to C. A. Pipenhagen, Chicago, and J. F. Raleigh, River Forest, Ill. Temperature-controlling apparatus for internal-combustion engines. 1,621,065; Mar. 15.
Gabler, Johann, Ettlingen, Germany. Loom for weaving. 1,620,723; Mar. 15.
Gabriel Tubular Furnace Co. Inc. (See Grunwaldt, Frank E., assignor.)
Gallopin, Gustavo, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Repairing torn fabric. 1,620,884; Mar. 15.
Gardiner, John F. (See Drew, Henry J. and J. A. H., and Gardiner.)
Garisio, Theodore J., Allentown, Pa. Let-off device. 1,620,641; Mar. 15.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock-drilling device. 1,620,885; Mar. 15.
Gathmann, Emil, assignor to The Gathmann Engineering Company, Baltimore, Md. Ingot mold. 1,621,402; Mar. 15.
Gathmann Engineering Company, The. (See Gathmann, Emil, assignor.)
Gaylord, John F., Indianapolis, Ind. Variable-speed gearing. 1,620,724; Mar. 15.
Geiger, William A., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Resilient shackle. 1,620,642; Mar. 15.
General American Tank Car Corporation. (See Weaver, Robert R., assignor.)
General Electric Company. (See Brown, George R., assignor.)
General Electric Company. (See Brown, W. W., and Love, assignors.)
General Electric Company. (See Fagan, J. T., and Malloy, assignors.)
General Electric Company. (See Falge, Robert N., assignor.)
General Electric Company. (See Hamilton, William S. H., assignor.)
General Electric Company. (See Hilliard, John D., assignor.)
General Electric Company. (See Macloskie, George, assignor.)
General Electric Company. (See Rosch, Arthur, assignor.)
General Electric Company. (See Ruder, William E., assignor.)
General Electric Company. (See Vogt, Theodore B. H., assignor.)
General Electric Company. (See Watson, Harold L., assignor.)
General Tire and Rubber Company, The. (See Denmire, Harold A., assignor.)
General Zeolite Company. (See Green, Walter H., assignor.)
Genest, Homer A., Hartford, Conn., assignor to United States Hat Machinery Corporation, New York, N. Y. Method of and apparatus for shrinking and felting felt articles. 1,620,957; Mar. 15.
Germer, Edward G., Erie, Pa. Stove. Des. 72,206; Mar. 15.
Getchell, Benjamin E., Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric safety switch. 1,620,814; Mar. 15.
Giblin, Marc A. (See Rodgers, T. T., Giblin, and Moore.)
Gilbert, Harry E., Bridgeport, Conn. Still. 1,621,319; Mar. 15.

Gil-Camporro, Enrique. (See Schwartz, Federico, assignor.)
Giles, Walter D., Leesville, La. Well rigging. 1,621,009; Mar. 15.
Gillette Safety Razor Company. (See Fairweather, Nelson H., assignor.)
Gillian, Herman, Columbus, Ohio. Glove. 1,620,643; Mar. 15.
Gilman Fanfold Corporation, Ltd. (See Mannhardt, R. T., and Hitzel, assignors.)
Girton, Thomas C., and F. J. P. Kuhlmann, assignors to H. M. Goldberg Co., San Francisco, Calif. Awning frame. 1,620,958; Mar. 15.
Gleason, Dennis E. (See Maurer, Frank, assignor.)
Globe Register Company, The. (See Konerman, H., H., and Imbus, assignors.)
Gobos, Stefan, Chicago, Ill. Device for causing vehicle signal lights to dicker. 1,620,959; Mar. 15.
Goddard, Walter T., Hamilton, Ontario, Canada, assignor to Locke Insulator Corporation, Baltimore, Md. Insulator. 1,621,246; Mar. 15.
Goetting, Arthur, Buckley, Ill. Nut-applying device. 1,620,960; Mar. 15.
Goffin, John, assignor to Chisholm-Ryder Co. Inc., Niagara Falls, N. Y. Hulling green peas. 1,620,644; Mar. 15.
Goldberg, H. M. Co. (See Girton, T. C., and Kuhlmann, assignors.)
Golinik, Arthur T., New York, N. Y. Box or similar container. Des. 72,207; Mar. 15.
Good Inventions Co. (See Good, John, assignor.)
Good, John, assignor to Good Inventions Co., Brooklyn, N. Y. Fuel-supply means for combustion engines. 1,620,645; Mar. 15.
Goodrich, B. F. Company, The. (See Sears, Edward M., assignor.)
Goodridge, Gilbert W., assignor to The Bryant Electric Company, Bridgeport, Conn. Attachment plug and receptacle. 1,621,264; Mar. 15.
Gould, Charles T. E., Detroit, Mich. Window. 1,620,646; Mar. 15.
Grabler, Peter, Rocky River, assignor of one-half to C. E. Day, Lakewood, Ohio. Copyholding apparatus. 1,620,961; Mar. 15.
Graff Furnace Company. (See Bennett, Wilbur, assignor.)
Grand Central Mining Company. (See Hendrickson, Harry H., assignor.)
Granzow, Carl A. (See Mueller, J. G., and Granzow.)
Granzow, Henry M. (See Mueller, J. G., and Granzow.)
Green, Arthur, Coventry, England. Refrigerating apparatus. 1,621,161; Mar. 15.
Green, Fred C., assignor to Illinois Refrigerator Company, Morrison, Ill. Water cooler for refrigerators. 1,621,162; Mar. 15.
Green, Samuel G., Gray, Ga. Rear sight for guns. 1,621,476; Mar. 15.
Green, Samuel G., Camp Benning, Ga., and J. S. Hatcher, Annapolis, Md., assignors to United States Machine Gun Company, Boston, Mass. Gunmount. 1,621,365; Mar. 15.
Green, Walter H., assignor, by mesne assignments, to General Zeolite Company, Chicago, Ill. Apparatus for regeneration of zeolites and the like. 1,620,886; Mar. 15.
Greenberg, Nathan, New York, N. Y. Watchcase center. 1,621,110; Mar. 15.
Grenier, Walter J. (See Ackermann, F. B., Steffan, and Greiner.)
Griffin, Joseph F., Brooklyn, assignor to The Superheater Company, New York, N. Y. Pressure gauge. 1,621,320; Mar. 15.
Griffiths, William U., Philadelphia, Pa. Valve operating means for flush tanks. 1,620,647; Mar. 15.
Griffiths, William U., Philadelphia, Pa. Actuating flush tank valves. 1,620,648; Mar. 15.
Grimes, Robert B. (See Founds, Edison A., assignor.)
Grosjean, James E., Lima, Ohio. Shoe sole. Des. 72,208; Mar. 15.
Gruenfeldt, Emil, Cleveland, Ohio. Universal joint. 1,621,247; Mar. 15.
Grunwaldt, Frank E., Seattle, assignor to Gabriel Tubular Furnace Co. Inc., Tacoma, Wash. Furnace. 1,621,066; Mar. 15.
Gustafson, Charles J. (See Mock, F. C., Gustafson, and Chandler.)
Gustin-Bacon Manufacturing Company. (See Buck, Charles P., assignor.)
Gutberlet, Charles J., Philadelphia, Pa. Pyraline document-holding envelope. 1,620,962; Mar. 15.
Guth, Edwin F., St. Louis, Mo. Lighting fixture. 1,620,963; Mar. 15.
Gymnaitis, Nicolas, Santa Barbara, Calif. Watercooling and filtering apparatus. 1,621,198; Mar. 15.
Haas, Philip, Dayton, Ohio. Flushing-valve mechanism. 1,620,964; Mar. 15.
Habunek, Louis. (See Kollinger, T., and Habunek.)
Hall, Charles G., Portland, Oreg., assignor to Novelty Food Corporation, Boise, Idaho. Confection-filling machine. 1,621,010; Mar. 15.
Hall, George L., Melrose, Mass. Miniature-stage-lighting system. 1,621,248; Mar. 15.
Hals, J. M., & Co. A/S. (See Hals, Jorgen M., assignor.)
Hals, Jorgen M., Oslo, assignor to J. M. Hals & Co. A/S., Christiania, Norway. Centrifugal friction coupling. 1,621,366; Mar. 15.
Hamann, Frank M., Dunkirk, N. Y. Antiskid device. 1,620,965; Mar. 15.
Hamel, Peter, Waukegan, Ill. Dumping car. 1,620,759; Mar. 15.
Hamilton, William S. H., Schenectady, N. Y., assignor to General Electric Company. Braking system. 1,621,403; Mar. 15.
Hammes, John C., Des Moines, Iowa. Display rack. 1,621,463; Mar. 15.
Hammond, John H., Jr. (See Trenor, Albert D., assignor.)
Hampton, Mona M., Kansas City, Mo. Sliding bed. 1,621,163; Mar. 15.
Hanauer, Darwin, La Grange, assignor to Kinney-Rome Company, Chicago, Ill. Bed-spring support. 1,621,111; Mar. 15.
Hancock, Harry P. (See Richards, D. W., and Hancock.)
Hankins, Cyrus, Baltimore, Md., assignor to The Symington Company, New York, N. Y. Side frame. 1,621,249; Mar. 15.
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 1,621,250; Mar. 15.
Hansen, Henry J., assignor to The Dill Manufacturing Company, Cleveland, Ohio. Dust cap. 1,620,887; Mar. 15.
Hansen, Royal J., Milwaukee, Wis. Furnace carburetor. 1,620,966; Mar. 15.
Hanson, Emma B., New Rochelle, N. Y. Wardrobe-trunk construction. 1,621,321; Mar. 15.
Hanson, Herman, Minneapolis, Minn. Heater for automobiles. 1,621,199; Mar. 15.
Hartford-Empire Company. (See Miller, William J., assignor.)
Hartz, Philip L., Akron, Ohio. Accelerator attachment. 1,620,649; Mar. 15.
Harvey, Albert L., and N. K. Andersen, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Motor-control system. 1,621,011; Mar. 15.
Harvey, John W., Denver, Colo. False roof for motor vehicles. 1,621,404; Mar. 15.
Harvey, Walter J. (See Filmer, George B., assignor.)
Harwick, Henry K. (See Maris, J. C., and Harwick.)
Hase, Rudolf, Berlin, Germany, assignor to Namlooze Vennootschap Finansiele Maatschappij "Driebergen," Amsterdam, Netherland. Electric-circuit making and breaking relay. 1,620,967; Mar. 15.
Haseltine, Stacy B., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Shock-absorbing mechanism. 1,620,650; Mar. 15.
Haseltine, Stacy B., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,620,651; Mar. 15.
Haseltine, Stacy B., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,620,652; Mar. 15.
Haseltine, Stacy B., Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock-absorbing mechanism. 1,620,653; Mar. 15.
Hashagen, August, New York, N. Y., assignor to The Alliance Vitrified China Company, Alliance, Ohio. Plate or similar article. Des. 72,209; Mar. 15.
Hasler A.-G. vormals Telegraphenwerkstätte von G. Hasler. (See Kohler, Ulrich, assignor.)
Hatcher, Julian S. (See Green, S. G., and Hatcher.)
Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Boston, Mass. Suspension means for tube frames. 1,621,406; Mar. 15.
Haugen, Ole K., Hancock, Minn. Hot-water can washer. 1,620,654; Mar. 15.
Havener, Arthur R., Wayland, assignor to Judson L. Thomson Manufacturing Co., Waltham, Mass. Rivet-setting machine. 1,621,405; Mar. 15.
Hawes, George P., jr., U. S. Army, Fort McPherson, Ga. Drain plug or valve for containers. 1,621,251; Mar. 15.
Hawkins, Orin, Waukegan, Ill. Collapsible chair and swing. 1,621,367; Mar. 15.
Hawn, Harold A., Grand Rapids, Mich. Refrigerator. 1,621,322; Mar. 15.
Hayes, Frank A., New York, N. Y. Variable-speed power-transmission mechanism. 1,620,760; Mar. 15.
Head, Ronald, and W. E. Prescott, London, England, assignors to Baker Perkins Company, Incorporated, White Plains, N. Y. Apparatus for cutting sweetmeats. 1,621,012; Mar. 15.
Heath, Spencer, Baltimore, Md. Propeller-blade mounting. 1,620,968; Mar. 15.
Heenan, John N. D., Aldwych, London, England, assignor to Power Specialty Company, New York, N. Y. Superheating arrangement for water-tube boilers. 1,621,112; Mar. 15.
Heilman, Maud, Lost Hills, Calif. Infant's stocking. 1,621,200; Mar. 15.
Heine Boiler Company. (See Hinman, J. H., and Burke, assignors.)
Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Directive radio receiving system. 1,620,655; Mar. 15.
Heising, Raymond A., Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier-wave signaling system. 1,620,656; Mar. 15.
Helmquest, William J., assignor to California Card Manufacturing Company, San Francisco, Calif. Picture mounting. Des. 72,211; Mar. 15.

Henderson, James B., Blackheath, England. Fire-control apparatus. 1,621,201; Mar. 15.
Hendrickson, Harry H., Aravaipa, assignor to Grand Central Mining Company, Phoenix, Ariz. Preparing ores for flotation. 1,620,761; Mar. 15.
Her-Born Engineering and Manufacturing Company, The. (See Bornhauser, O. E., and Herman, assignor.)
Herman, John E. (See Bornhauser, O. E., and Herman.)
Hernlund, John W. (See Blount, H., and Hernlund.)
Herold, Walter F., Upper Montclair, N. J., assignor to The Bassick Company, Bridgeport, Conn. Caster. 1,620,657; Mar. 15.
Herold, Walter F., Upper Montclair, N. J., assignor to The Bassick Company, Bridgeport, Conn. Caster. 1,620,658; Mar. 15.
Herschkowitsch, Mordko, and P. Prausnitz, assignors to the Firm Schott & Gen., Jena, Germany. Filter. 1,620,815; Mar. 15.
Herskovitz, Leonard H., New York, N. Y. Smoker's set. Des. 72,210; Mar. 15.
Hester, Levi C., Jacksonville, Fla. Plow. 1,620,969; Mar. 15.
Heyer, Fred G., and F. M. Smith, Detroit, Mich. Die for box-making machines. 1,620,725; Mar. 15.
Hewlett, H. D. (See Lykins, Clarence E., assignor.)
Hiering, William C., assignor to J. E. Mergott Co., Newark, N. J. Perpetual calendar. 1,621,067; Mar. 15.
Hill, Daniel, Porterville, Calif. Scroll-displaying device. 1,621,407; Mar. 15.
Hill, Frank A., assignor of one-half to E. C. Fritz, Dixon, Ill. Corn-poping machine. 1,621,113; Mar. 15.
Hilliard, John D., Schenectady, N. Y., assignor to General Electric Company. Switch-operating mechanism. 1,621,368; Mar. 15.
Hilliard, John D., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 1,621,369; 1,621,369; Mar. 15.
Hillyard, Newton S., St. Joseph, Mo. Container. 1,621,252; Mar. 15.
Hinds, Sherwood, Richmond Heights, assignor to St. Louis Pump & Equipment Company, St. Louis, Mo. Mechanical apparatus. 1,621,202; Mar. 15.
Hinman, John H., St. Louis, Mo., and R. F. Burke, Phoenixville, Pa., assignors to Heine Boiler Company, St. Louis, Mo. Soot-blowing apparatus for water-tube boilers. 1,620,762; Mar. 15.
Hitchcock, Guy F., Houston, Tex. Lantern. 1,620,970; Mar. 15.
Hitchcock, James E., Fullerton, Calif. Casing head. 1,620,888; Mar. 15.
Hitzel, Aldro B. (See Mannhardt, R. T., and Hitzel.)
Hobbiefken, Gerd, Burlington, Iowa. Device for facilitating the fitting and hanging of doors. 1,620,971; Mar. 15.
Hobbs, Franklin W., Bangor, Me. Fish lure. 1,620,972; Mar. 15.
Hodges, Benjamin D., and C. E. Owen, Waco, Tex., assignors of one-fourth to Z. A. Booth and one-fourth to H. J. Fowler. Water heater. 1,621,013; Mar. 15.
Hodgkinson, Francis, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Clinker grinder. 1,620,659; Mar. 15.
Holdaway, William S., Los Angeles, Calif. Disk bit. 1,620,889; Mar. 15.
Holliday, Albert F., Wigan, England. Variable electric condenser, Variometer, and the like. 1,621,258; Mar. 15.
Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Electric arc welding and cutting system. 1,621,068; Mar. 15.
Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Electric-arc welding and cutting system. 1,621,069; Mar. 15.
Holslag, Claude J., South Orange, N. J., assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Electric-arc welding and cutting system. 1,621,070; Mar. 15.
Holstein, Michael B., Richland, Pa. Signaling attachment for steering wheels. 1,621,408; Mar. 15.
Honor, John, assignor of one-half to B. Watsman, Southwest, Pa. Crossing gate. 1,621,370; Mar. 15.
Hopedale Manufacturing Company. (See Draper, Clare H., assignor.)
Horn, Effie M., Palisade, Colo. Arm sling. 1,621,323; Mar. 15.
Horn, Heinrich, Dresden, Germany. Manufacture of cocoa, chocolate, and the like. 1,621,409; Mar. 15.
Houck, Loren D., Toledo, Ohio. Arm rest. 1,620,816; Mar. 15.
Houghton, Carl R., assignor to The Connersville Blower Co., Connersville, Ind. Pressure-temperature compensator and slip integrator for meters. 1,621,203; Mar. 15.
House, Everett W., Elizabeth, N. J. Supporting rack. 1,621,410; Mar. 15.
Houston, Madeline B., Evanston, Ill. Envelope shield for crib beds. 1,620,680; Mar. 15.
Howell, Albert S., assignor to Bell & Howell Company, Chicago, Ill. Motion-picture camera and the like. 1,620,726; Mar. 15.
Howell, Albert S., assignor to Bell & Howell Company, Chicago, Ill. Photographic camera. 1,620,727; Mar. 15.
Hughes, John A., Waco, Tex. Desk construction. 1,621,324; Mar. 15.
Hull, Edward T., New York, N. Y. Speed-controlling apparatus for internal-combustion engines. 1,620,763; Mar. 15.
Hull, Edward T., New York, N. Y. Speed-controlling apparatus for engines. 1,620,764; Mar. 15.
Hulshizer, George W., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve for rock drills. 1,621,254; Mar. 15.
Humphrey, Alfred H., Salem, N. Y. License-plate unit. 1,621,411; Mar. 15.
Humphrey, Alfred H., Salem, N. Y. Sign. 1,621,412; Mar. 15.
Humphrey, Charles F., Pasadena, Calif. Sprinkler. 1,621,204; Mar. 15.
Hunter, James E., Monaca, Pa. Cast-steel freight-car spring plank with brake-beam safety device. 1,621,014; Mar. 15.
Hunter, Robert N., Charlotte, N. C. Crutch. 1,621,255; Mar. 15.
Huntley, Ernest R., Milwaukee, Wis., assignor to Industrial Research Corporation, Toledo, Ohio. Air cleaner. 1,620,890; Mar. 15.
Hutchings, Joseph L., Olean, N. Y. Drain device. 1,621,164; Mar. 15.
Hutchings, Joseph L., Olean, N. Y. Draining valve. 1,621,165; Mar. 15.
Huyard, Henri, San Francisco, Calif. Window-sash attachment. 1,620,817; Mar. 15.
I. G. Farbenindustrie Aktiengesellschaft. (See Ernst, O., and Nicodemus, assignors.)
Illinois Refrigerator Company. (See Green, Fred C., assignor.)
Imbus, Alphonse E. (See Konerman, H. H., and Imbus.)
Industrial Research Corporation. (See Huntley, Ernest R., assignor.)
Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
Ingersoll-Rand Company. (See Hulshizer, George W., assignor.)
International Postal Supply Company. (See Mitchell, J. A., and Zahn, assignors.)
Irvine, Robert R., Mokelumne Hill, Calif. Combination saw and square. 1,620,891; Mar. 15.
Irwin, Walter J., Akron, Ohio. Molding machine. 1,621,114; Mar. 15.
Isquierdo, Angel, New Orleans, La. Drain strainer. 1,621,015; Mar. 15.
Jackson, John A., Des Moines, Iowa. Corn popper. 1,620,765; Mar. 15.
Jackson, Percy, assignor to Walsh & Weidner Boiler Co., Chattanooga, Tenn. Closure plug for pipes. 1,620,728; Mar. 15.
Jackson, Ray P., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Coating inner surfaces of hollow bodies. 1,621,016; Mar. 15.
Jacobs, Joe, Denver, Colo. Tire flap. 1,620,818; Mar. 15.
James Joe, Brownwood, Mo. Filtering device. 1,621,413; Mar. 15.
Janer, Andre, Flushing, N. Y. Discharge mechanism for containers. 1,620,892; Mar. 15.
Jan Meesters, Abraham M., Djokjakarta, Java, Dutch East Indies, assignor to N. V. Constructie Atelier der Vorstenlanden, Djokjakarta, Netherlands East Indies. Three-roller sugar-cane mill with a particularly arranged feed roller. 1,621,077; Mar. 15.
Jenkins, John B., Chicago, Ill. Rheostat. 1,621,466; Mar. 15.
Jensen, Jens C., and O. L. Miles, Chicago, Ill.; said Jensen assignor to said Miles. Article-dispensing device. 1,620,766; Mar. 15.
Jensen, Kresten R. (See Jensen, William G. and K. R.)
Jensen, William G. and K. R., Nowata, Okla. Pump jack. 1,621,414; Mar. 15.
Johnson, Axel, Oakland, Calif. Electric heater. 1,620,767; Mar. 15.
Johnson, Fred A., Wolverton, Minn. Bag holder. 1,620,819; Mar. 15.
Johnson, Paul W., Portland, Oreg. Fabricated spring support. 1,621,415; Mar. 15.
Johnston, Allen T., Dormont, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control and indication of railway switches. 1,620,893; Mar. 15.
Jones, Ernest. (See Jones, Frank and E.)
Jones, Frank and E., Birmingham, England. Expanding bracelet. 1,621,205; Mar. 15.
Jones, Jacob H., Harborcreek, Pa., assignor, by mesne assignments, to Erie City Iron Works. Pulverizer beater. 1,621,256; Mar. 15.
Jones, Lester L., Oradell, N. J. Radiofrequency amplifying system. 1,620,661; Mar. 15.
Jones, William H., Utica, N. Y. Tire-chain catch. 1,620,894; Mar. 15.
Joy, Henry W., New York, N. Y. Focusing device for motion-picture-projecting apparatus. 1,620,768; Mar. 15.
Joyal, Peter M., Methuen, Mass. Fish trap. 1,621,017; Mar. 15.
Joyce, Harold L., East Orange, assignor to Tiffany Manufacturing Company, Newark, N. J. Ignition timer. 1,621,115; Mar. 15.
Kaczika, Alexander, San Antonio, Tex. Steering device. 1,621,206; Mar. 15.
Kalman Steel Co. (See White, William E., assignor.)

Kämmer & Reinhardt A.-G. (See Sörgel, Waldemar, assignor.)
Kandera, John, New York, N. Y. Planer. 1,620,895; Mar. 15.
Kane, Murray A., Johnstown, Pa. Flag holder for the motometers and similar devices of automobiles. 1,620,820; Mar. 15.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company. Turbine. 1,620,662; Mar. 15.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine. 1,620,663; Mar. 15.
Katz, Max, Providence, R. I. Fountain pen. 1,621,166; Mar. 15.
Kaufman, Wolff, Paterson, N. J. Radio receiving circuit. 1,620,973; Mar. 15.
Kearney, James R., Kansas City, Mo. Ground anchor. 1,620,896; Mar. 15.
Keelan, Bernard J., Los Angeles, Calif. Wheel. 1,620,897; Mar. 15.
Kégresse, Adolphe, Paris, France. Removable creeper for tractor belts. 1,621,371; Mar. 15.
Keller, Eva, Pasadena, Calif. Voice placer. 1,621,207; Mar. 15.
Kephart, Calvin I., Portland, Oreg. Ribbon guide for typewriters and the like. 1,621,167; Mar. 15.
Keystone Reamer & Tool Co. (See Seiler, Michael I., assignor.)
Kidd, Albert E., jr., Chicago, Ill. Food product. 1,620,898; Mar. 15.
Kindle, John A., Monroe, Wash. Check protector. 1,621,416; Mar. 15.
Kinkade, Willard D. and C. J. Baugh, Barnsdall, Okla. Treating acid sludge to provide a fuel. 1,621,071; Mar. 15.
Kinney-Rome Company. (See Hanauer, Darwin, assignor.)
Kirschbraun, Lester, Chicago, Ill. Bituminous composition and making same. 1,620,899; Mar. 15.
Kirschbraun, Lester, Chicago, Ill. Bituminous composition. 1,620,900; Mar. 15.
Kitzul, William, Hamtramck, Mich. Razor. 1,620,901; Mar. 15.
Kleinschmidt, Edward E. (See Faller, E. A., and Kleinschmidt.)
Kleinschmidt, Edward E., Brooklyn, N. Y., assignor, by mesne assignments, to Morkrum-Kleinschmidt Corporation, Chicago, Ill. Printing telegraphy. 1,620,664; Mar. 15.
Klenk, George, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Manufacturing turbines. 1,620,974; Mar. 15.
Klohe, John W. (See Davis, F. H., and Klohe.)
Klüver, Theodore, Cuxhaven, Germany. Towing device with safety device against capsizing for tugs. 1,621,168; Mar. 15.
Knapp, William, Chanute, Kans. Chain brush for stills. 1,621,417; Mar. 15.
Knittel, Adam, Tyner, Tenn. Gasoline-tank lock. 1,620,902; Mar. 15.
Knowlton, Daniel E., Buffalo, and E. W. Donnigan, Alden, N. Y. Handling and preserving fish and the like. 1,621,257; Mar. 15.
Knox, Kate A. (See Knox, Luther L., assignor.)
Knox, Luther L., assignor to K. A. Knox, Bellevue, Pa. Open-hearth furnace. 1,621,258; Mar. 15.
Koehn, Daniel W., assignor of one-third to G. G. Dixon, Galva, and one-third to H. G. Rolf, McPherson, Kans. 1,621,418; Mar. 15.
Kohler, Ulrich, assignor to Hasler A.-G. vormals Telegraphenwerkstätte von G. Hasler, Bern, Switzerland. Driving device of counting mechanism in machines for franking postal matter and the like. 1,620,665; Mar. 15.
Kolinger, Thomas, and L. Habunek, Martins Ferry, Ohio. Automatic coupler for miners' cars. 1,621,419; Mar. 15.
Konerman, Harry H., and A. E. Imbus, assignors to The Globe Register Company, Cincinnati, Ohio. Feeding device for roll stationery. 1,620,666; Mar. 15.
Konoff, Alexander, assignor to Overland Metal Novelty Co. Inc., New York, N. Y. Doll's eyes with lashes. 1,620,667; Mar. 15.
Konoff, Alexander, assignor to Overland Metal Novelty Co., Inc., New York, N. Y. Eye set. 1,621,072; Mar. 15.
Konoff, Alexander, assignor to Overland Metal Novelty Co., Inc., New York, N. Y. Attaching doll eyes. 1,621,073; Mar. 15.
Kornitz, Ewald E., assignor of one-half to Carl A. Bechstein, Milwaukee, Wis. Apparatus for stretching and drying skins, leather, and other materials. 1,620,821; Mar. 15.
Kraemer, August F., assignor to Louis Stern Company, Providence, R. I. Bracelet book. 1,621,325; Mar. 15.
Krauser, William H., Milton, Pa. Automobile signal-control switch. 1,621,372; Mar. 15.
Krentler-Arnold Hinge Last Company. (See Krentler, Walter A., assignor.)
Krentler, Walter A., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Assembling lasts. 1,621,208; Mar. 15.
Kruse, Max, Creswell, Oreg. Saw oiler. 1,621,420; Mar. 15.
Kuhlman Edward H., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Engraving machine. 1,620,975; Mar. 15.
Kuhlman, Frederick J. P. (See Girton, T. C., and Kuhlman.)
Kuhn, Wilfred H., assignor to Wright-Austin Company, Detroit, Mich. Water-column alarm. 1,620,729; Mar. 15.
Künzer, Marcel, La Chaux-De-Fonds, assignor to Société Anonyme pour l'Exploitation des Brevets Künzer, Basel, Switzerland. Apparatus for lighting the landing place from aerial craft. 1,621,421; Mar. 15.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,621,074; Mar. 15.
Lamblin, Alexandre, Paris, France. Radiator. 1,620,769; Mar. 15.
Lance, Beulah G., Fulton, Calif. Steel-wool holder. 1,620,903; Mar. 15.
Lance, Ora L., Fulton, Calif. Garment presser. 1,621,116; Mar. 15.
Lanchester, Frederick W., Moseley, Birmingham, England. Steering mechanism of road vehicles. 1,621,169; Mar. 15.
Landau, William C., Lancaster, Pa. Fishway. 1,621,170; Mar. 15.
Landon, Vernon D., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control for pancake-type variometers. 1,621,018; Mar. 15.
Lane, Edwin, assignor to Carolyn Laundry, New York, N. Y. Laundry checking device. 1,621,259; Mar. 15.
Langer, Rudolph J., assignor, by mesne assignments, to Franklin Equipment Company, Monticello, Iowa. Stanchion. 1,621,209; Mar. 15.
Langer, Rudolph J., assignor, by mesne assignments, to Franklin Equipment Company, Monticello, Iowa. Stop bar. 1,621,210; Mar. 15.
Lappas, Nikitas, Peabody, Mass. Lock. 1,621,422; Mar. 15.
Larkin, William H., Pittsburgh, Pa. Automatic dumping car. 1,621,075; Mar. 15.
Larson, Winford P., Minneapolis, Minn. Modified pneumococcic antigen, antipneumococcic serum, and producing the same. 1,621,117; Mar. 15.
Larson, Winford P., Minneapolis, Minn. Modified bacteria and toxins, immunizing serums, and producing them. 1,621,118; Mar. 15.
Larson, Winford P., Minneapolis, Minn. Scarlet-fever antigen. 1,621,119; Mar. 15.
Lasavich, Frank. (See Waitch, John, assignor.)
La Societe dite l'Eclairage des Vehicules sur Rail. (See Bénit, Henri, assignor.)
Lawrence, Charles L., New York, N. Y., assignor to Wright Aeronautical Corporation. Internal-combustion engine. 1,621,326; Mar. 15.
Lawson, George D., Fort Dodge, Iowa. Carbon scraper. 1,620,822; Mar. 15.
Ledwidge, Christopher J., Hot Springs National Park, Ark. Vault handle. 1,620,770; Mar. 15.
Lee, Robert E., Hillside, N. J. Home trainer. 1,621,120; Mar. 15.
Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
Lehman, Solomon A., Fort Wayne, Ind. Rack for battery plates. 1,621,327; Mar. 15.
Le Roi Company. (See Pendock, Charles W., assignor.)
Lesher, Charles O., Fairfield, Iowa, assignor to The Louden Machinery Company. Filler for the panels of animal pens. 1,620,976; Mar. 15.
Leskiewicz, Michael, and W. Bartkowiak, Chicago, Ill. Combined picture frame and stand therefor. Des. 72,212; Mar. 15.
Levy, Leo M. (See Lewis, B. B., and Levy.)
Lewis, Burnet B., Indianapolis, Ind., and L. M. Levy, New York, N. Y., assignors to Lewis Novelty Manufacturing Company, Indianapolis, Ind. Pocket ornament. 1,620,904; Mar. 15.
Lewis Novelty Manufacturing Company. (See Lewis, B. B., and Levy, assignors.)
Lewis, Richard H., Riverdale, Md. Selective four-wheel drive and steering and brake mechanism for automobiles. 1,621,211; Mar. 15.
Lewis, William H., New York, N. Y. Tobacco pipe. Des. 72,213; Mar. 15.
Libl, John J., San Francisco, Calif. Electric heater and stove. 1,621,171; Mar. 15.
Lieberman, Joseph, Bayonne, N. J. Lamp. Des. 72,214; Mar. 15.
Lindemuth, William E., assignor to The Todd Company, Kansas City, Mo. Adjustable leg for tubs or the like. 1,621,260; Mar. 15.
Lindsay, William G., Newark, N. J., assignor to The Celluloid Company. Cellulose composition. 1,620,977; Mar. 15.
Lipps, Louis P., assignor to The Brown Hoisting Machinery Company, Cleveland, Ohio. Steering mechanism for creeper tractors. 1,620,668; Mar. 15.
Lipschutz, George, Philadelphia, Pa. Electric light fixture. Des. 72,215; Mar. 15.
Liston, William. (See Mable, Paul S., assignor.)
Littlejohn, Thomas E., Lookout, W. Va. Mine door. 1,620,669; Mar. 15.
Loadometer Company, The. (See Troll, Frederick J., assignor.)

Locke Insulator Corporation. (See Goddard, Walter T., assignor.)
Lomar, Louis L., Houston, Tex. Shock absorber. 1,621,261; Mar. 15.
Long, Guy E., Ithaca, N. Y. Foot rest. 1,621,423; Mar. 15.
Loomis, Virgil V., assignor to United States Glass Company, Pittsburgh, Pa. Goblet. Des. 72,216; Mar. 15.
Lorraine, David G., Los Angeles, Calif. Oil and gas separator. 1,620,771; Mar. 15.
Lotz, William A., assignor to The T & L Co., Inc., Newark, N. J. Bag-handle connection. 1,621,076; Mar. 15.
Louden Machinery Company, The. (See Lesher, Charles O., assignor.)
Love, Joseph E. (See Brown, W. W., and Love.)
Lowy, Otto, Newark, assignor, by mesne assignments, to Steneck Trust Company, trustee, Hoboken, N. J. Arsenical solutions and preparing same. 1,621,121; Mar. 15.
Lundquist Tool and Manufacturing Company. (See Arey, Ralph G., assignor.)
Lykins, Clarence E., assignor of one-half to H. D. Hewlett, Shawnee, Okla. Aeroplane. 1,621,019; Mar. 15.
Mable, Paul S., assignor of one-half to W. Liston, Detroit, Mich. Liquid-level indicator. 1,620,823; Mar. 15.
MacKenzie, Philip, San Francisco, Calif. Grease gun. 1,621,172; Mar. 15.
MacKinnon, John R., Boston, Mass. Saliva ejector. 1,620,773; Mar. 15.
Macloskie, George, Erie, Pa., assignor to General Electric Company. Safety car-control equipment. 1,621,828; Mar. 15.
MacMillan, Harry, Philadelphia, Pa. Tank lever. 1,621,122; Mar. 15.
MacQuarrie, Archibald E., Minneapolis, Minn. Educational device. 1,621,262; Mar. 15.
Madsen, Einar H., Chokio, Minn. Adjustable spoke. 1,620,905; Mar. 15.
Maher, Joseph A., Stockton, Ill. Rail-repairing device. 1,620,906; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace doily or the like. Des. 72,219; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,220; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace table cover or the like. Des. 72,221; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,222; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,223; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace scarf or the like. Des. 72,224; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace mat or the like. Des. 72,225; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace tray cover or the like. Des. 72,226; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace cover or similar article. Des. 72,227; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace cover or similar article. Des. 72,228; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace cover or similar article. Des. 72,229; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace cover or similar article. Des. 72,230; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace cover or similar article. Des. 72,231; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace cover or similar article. Des. 72,232; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace cover or similar article. Des. 72,233; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace cover or similar article. Des. 72,234; Mar. 15.
Mallouk, Salim N., Brooklyn, N. Y. Lace scarf or the like. Des. 72,235; Mar. 15.
Malloy, John J. (See Fagan, J. T., and Malloy.)
Malone, Adolph W., Fillmore, Utah, assignor of one-half to A. H. Vestal, Anderson, Ind. Golf-stick carrier. 1,621,329; Mar. 15.
Mannhardt, Rudolf T., White Plains, and A. B. Hitzel, Jamaica, N. Y., assignors to Gilman Fanfold Corporation, Ltd., Toronto, Canada. Aligning and registering device for billing machines. 1,621,265; Mar. 15.
Mansel, Charles W., Buffalo, N. Y., assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricating gun. 1,620,824; Mar. 15.
Maris, James C., and H. K. Harwick, Philadelphia, Pa. Steam-pipe support for articulated locomotives. 1,621,330; Mar. 15.
Marisdale, George, Cincinnati, Ohio. Planter and fertilizer-distributing device. 1,620,907; Mar. 15.
Marsh, Michael A., St. Paul, Minn. Sectional concrete ash receptacle. 1,620,670; Mar. 15.
Marx, Louis, New York, N. Y. Toy. 1,621,266; Mar. 15.
Marx, Stephen J. (See Friedlaender, I. L., and Marx.)
Matthews, Carlton T., assignor of one-half to H. K. Matthews, Green Bay, Wis. Tie plate. 1,620,908; Mar. 15.
Matthews, Howard D., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermal relay. 1,621,020; Mar. 15.
Matthews, Harold K. (See Matthews, Carlton T., assignor.)
Maurer, Frank, Sekitan, assignor of one-half to D. E. Gleason, North Bend, Ohio. Combination roller and brushing device. 1,620,774; Mar. 15.
Maxwell, Mayer K., Butte, Mont. Electrical fixture. 1,620,909; Mar. 15.
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Lens cutter. 1,621,331; Mar. 15.
Mazza, Leandro. (See Alfani, G., and Mazza.)
McCain, Cyrus A., Oak Park, Ill. Reciprocating mechanism. 1,621,263; Mar. 15.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. Re16,571; Mar. 15.
McConville, James, Montreal, Quebec, Canada. Wrench adjustment. 1,621,123; Mar. 15.
McCord Radiator & Mfg. Co. (See Reese, Daniel W., assignor.)
McCormack, James C., Monroe, Wash. Cashier's cage. 1,621,124; Mar. 15.
McCoy, Harry E., Pittsburgh, assignor to The McDowell Manufacturing Company, Millvale, Pa. Mechanical toy. 1,620,772; Mar. 15.
McDaniel, Charles W., Portsmouth, N. H. Wrench mechanism. 1,621,264; Mar. 15.
McDonald, Robert L. (See Edwards, A. A., and McDonald.)
McDowell Manufacturing Company, The. (See McCoy, Harry E., assignor.)
McGinnis, David R., Kalispell, Mont. Electric poultry perch. 1,621,424; Mar. 15.
McInerney, Peter J. (See Forrester, John D., assignor.)
McKenna Brass & Manufacturing Company Inc. (See Shields, Patrick W., assignor.)
McManaman, Charles E., Swayzee, Ind. Lighter. 1,621,373; Mar. 15.
McNamara, James G., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Slug-casting machine. 1,620,978; Mar. 15.
McNamara, James G., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 1,620,979; Mar. 15.
McPhee, William F., Chicago, Ill. Boiler construction. 1,621,374; Mar. 15.
Meacham, Frederick C., Garden City, N. Y. Device for indicating time. 1,620,980; Mar. 15.
Mechanical Appliances Co., The. (See Brown, Ray W., assignor.)
Medynski, Fred V., Medford, Oreg. Tire flap. 1,621,021; Mar. 15.
Meek, James W., Staines, England. Hair comb. 1,621,425; Mar. 15.
Meilink, Charles F., Toledo, Ohio. Lock. 1,620,775; Mar. 15.
Mercantile Trust Company of California, executor. (See Myers, Mark C., assignor.)
Merchen, Glen G., Spokane, Wash. Feed regulator. 1,621,022; Mar. 15.
Mergenthaler Linotype Company. (See McNamara, James G., assignor.)
Mergot, J. E., Co. (See Hiering, William C., assignor.)
Merseles, Henry R., assignor to H. E. Merseles, Bronxville, N. Y. Washing machine. 1,620,671; Mar. 15.
Merseles, Herbert E. (See Merseles, Henry R., assignor.)
Michaels, Robert, Chicago, Ill. Store-front construction. 1,621,375; Mar. 15.
Michelin, André J., Paris, France. Tire. Des. 72,217; Mar. 15.
Michelin, André J., Paris, France. Tire. Des. 72,218; Mar. 15.
Miles, Orville L. (See Jensen, J. C., and Miles.)
Milk Bottle Crate Company. (See Foreman, Amos L., assignor.)
Miller, Charles C., Fort Wayne, Ind. Display carton. 1,620,673; Mar. 15.
Miller, Charles F., Moore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Air-control means for mechanical stokers. 1,620,672; Mar. 15.
Miller, Grace V., San Francisco, Calif. Hanger for ear clamps. 1,620,674; Mar. 15.
Miller Rubber Company, The. (See Brundage, James W., assignor.)
Miller, William J. (See Perkins, Charles W., assignor.)
Miller, William J., Swissvale, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for producing mold charges of molten glass. 1,621,426; Mar. 15.
Mills, Bertie E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Controlling tension and tremolo effects. 1,621,125; Mar. 15.
Mills, Bertie E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Tremolo device. 1,621,126; Mar. 15.
Mills, Henry C., Cleveland, Ohio. Sash frame. 1,621,332; Mar. 15.
Mills, Herbert S., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Tremolo device for viol machines. 1,621,127; Mar. 15.
Mills Novelty Company. (See Mills, Bertie E., assignor.)
Mills, Wallace C., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Receptacle closure. 1,620,825; Mar. 15.
Miner, W. H., Inc. (See Brenne, Arild M., assignor.)
Miner, W. H., Inc. (See Dentler, Arnold E., assignor.)

Miner, W. H., Inc. (See Geiger, William A., assignor.)
Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
Miner, W. H., Inc. (See O'Connor, John F., assignor.)
Minett, Wilfrid T. (See Barclay, W. R., and Minett.)
Minneapolis Heat Regulator Company. (See Denison, Frederick S., assignor.)
Minnich, Harry E., Three Oaks, Mich. Exercising device. 1,620,910; Mar. 15.
Mitchell, Amos, Kirksville, Mo. Metallic railway tie. 1,620,730; Mar. 15.
Mitchell, John A., Newark, N. J., and L. J. Zahn, Long Island City, assignors to International Postal Supply Company, Brooklyn, N. Y. Moistener and sealer device. 1,621,078; Mar. 15.
Mitchell, Walter C., St. Louis, Mo. Smoke consumer. 1,620,826; Mar. 15.
Moan, Thomas J., Belvidere, Ill. Headlight control. 1,620,675; Mar. 15.
Mock, Frank C., C. J. Gustafson, and M. E. Chandler, assignors to Stromberg Motor Devices Company, Chicago, Ill. Carburetor. 1,620,827; Mar. 15.
Mohr, Bernard A., New York, N. Y. Machine for straightening and grooving cans. 1,621,079; Mar. 15.
Möhrlin, Emil, Stuttgart-Degerloch, assignor to the Firm Möhrlin G. m. b. H., Stuttgart, Germany. Tube beader. 1,620,776; Mar. 15.
Möhrlin G. m. b. H. (See Möhrlin, Emil, assignor.)
Molony, Martin, San Francisco, Calif. High-frequency vesical electrode. 1,620,828; Mar. 15.
Monterubio, Taide, St. Louis, Mo. Tropical house. 1,620,776; Mar. 15.
Moore, Francis K. (See Rodgers, T. T., Giblin, and Moore.)
Moore, George T. (See Rodgers, T. T., Giblin, and Moore.)
Moore, William D., and W. Morgan, Birmingham, Ala., assignors, by mesne assignments, to Sand Spun Patents Corporation, New York, N. Y. Method of and apparatus for centrifugally casting metal bodies. 1,620,829; Mar. 15.
Moore, William D., and W. Morgan, Birmingham, Ala., assignor, by mesne assignments, to Sand Spun Patents Corporation, New York, N. Y. Method of and apparatus for centrifugally casting metal bodies. 1,620,830; Mar. 15.
Moore, William D., Birmingam, Ala., assignor to Sand Spun Patents Corporation, Wilmington, Del. Charging device for tilting molds. 1,620,831; Mar. 15.
Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,620,731; Mar. 15.
Morgan, Walter. (See Moore, W. D., and Morgan.)
Morkrum-Kleinschmidt Corporation. (See Faller, E. A., and Kleinschmidt, assignor.)
Morkrum-Kleinschmidt Corporation. (See Kleinschmidt, Edward E., assignor.)
Morse, Ora A. (See Blackden, Perry D., assignor.)
Morse, Tally W., New York, N. Y. Transfer sheet. 1,620,981; Mar. 15.
Mueller, John G., C. A., and H. M. Granzow, Dayton, Ohio. Lubricating cup. 1,621,129; Mar. 15.
Mueller, Moritz L., assignor to Northwest Blower Kiln Company, Seattle, Wash. Heating unit and heating system for kilns. 1,621,333; Mar. 15.
Munger, Earl A., assignor to Acme Machine Products Company, Kalamazoo, Mich. Punching machine. 1,621,130; Mar. 15.
Munters, Carl G. (See Von Platen, B. C., and Munters.)
Murphy, Fred K., and R. W. Retterer, Indianapolis, Ind. Fluid-Operable Lubricator and Feeder for Engines. 1,620,911; Mar. 15.
Mutscheller, Arthur, New York, N. Y., assignor to Wappler Electric Co., Inc. Therapy X-ray system. 1,620,732; Mar. 15.
Myers, Mark C., San Francisco, Calif.; Mercantile Trust Company of California, executor. Surgical instrument. 1,621,212; Mar. 15.
N. V. Constructie Atelier der Vorstenlanden. (See Jan Meesters, Abraham M., assignor.)
Naamlooze Vennootschap Finanzieele Maatschappij "Driebergen." (See Hase, Rudolf, assignor.)
National Cash Register Company, The. (See Kuhlman, Edward H., assignor.)
National Enameling and Stamping Company. (See Richman, Solomon, assignor.)
National Screen Service, Inc. (See Reichmann, Willy, assignor.)
National Tool Company, The. (See Simmons, Oliver G., assignor.)
Nelson, Charles O., Greeley, assignor to United Fly Salt Company, Omaha, Nebr. Treating livestock. 1,621,131; Mar. 15.
Nelson, Stanley F., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 1,620,733; Mar. 15.
Nerby, Edgar A., Milwaukee, Wis. Animal trap. 1,620,777; Mar. 15.
Newell, George T., Jr., Beverly, N. J., assignor to Westinghouse Electric & Manufacturing Company. Thermostat. 1,621,023; Mar. 15.
Newhouse, Ray C., Chicago, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Comminuting mill. 1,620,982; Mar. 15.
Nichols, Louis C., Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Transformer casing. 1,620,983; Mar. 15.
Nicodemus, Otto. (See Ernst, O., and Nicodemus.)
Niles, Jesse E., Pontiac, Mich. Attachment for internal-combustion engines. 1,621,376; Mar. 15.
Noguera, Pedro. (See Cruz, J., and Noguera.)
Northwest Blower Kiln Company. (See Mueller, Moritz L., assignor.)
Novelty Food Corporation. (See Hall, Charles G., assignor.)
Nutter, James H., Erlanger, Ky. Burner. 1,620,676; Mar. 15.
Nygaard, Oscar, Saugus, assignor to Bernitz Furnace Appliance Company, Boston, Mass. Fire bricks. 1,621,267; Mar. 15.
Nylund, Victor, Minneapolis, Minn. Rim contractor and expander. 1,620,734; Mar. 15.
Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Multiplex signaling system. 1,620,735; Mar. 15.
O'Connor, John F., Chicago, Ill., assignor by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,620,677; Mar. 15.
O'Connor, John F., Chicago, Ill., assignor by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,620,678; Mar. 15.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Car construction. 1,620,679; Mar. 15.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Anti-friction bearing. 1,620,680; Mar. 15.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock-absorbing mechanism. 1,620,681; Mar. 15.
Odom, Earl R., St. Louis, Mo. Carrying-in device for leers. 1,620,778; Mar. 15.
O'Donovan, David S., Vogelfontein, Transvaal, assignor to O'Dooovan Furnaces Limited, Johannesburg, South Africa. Hardening steel articles. 1,620,779; Mar. 15.
O'Donovan Furnaces Limited. (See O'Donovan, David S., assignor.)
Oller, Frank E., Detroit, Mich. Moving-picture camera and projector. 1,621,024; Mar. 15.
Okel, Harry A., Wheeling, W. Va. Animated-figure scoring game. 1,620,912; Mar. 15.
Oller, Tintoré, José Ma, Barcelona, Spain. Metal-ring mouthpiece with revolving lip for tins, cans, and other receptacles. 1,621,377; Mar. 15.
Olson, Gustaf, assignor to E. J. Strand, Chicago, Ill. Metallic fastener or jamb nail. 1,621,213; Mar. 15.
Olson, James P., Mobile, Ala. Window-shade holder. 1,620,786; Mar. 15.
Olson, Waldemar N., Chicago, Ill., assignor to Reynolds Electric Company. Periodic rotary switch. 1,621,214; Mar. 15.
Oppenheim, Oberndorff Company. (See Atkinson, Joseph M., assignor.)
Orpen, William H., Brooklyn, N. Y. Apparatus for supporting vehicle loads. 1,620,682; Mar. 15.
Orwig, Lewis, St. Louis, Mich. Antislip drill-rod device. 1,620,913; Mar. 15.
Orzo, Alfonso, New York, N. Y. Cosmetic jar. Des. 72,240; Mar. 15.
Overland Metal Novelty Co. (See Konoff, Alexander, assignor.)
Owen, Charles E. (See Hodges, B. D., and Owen.)
Owen, Ira J., and B. J. Bouwmeester, assignors, by mesne assignments, to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Handle socket for carpet sweepers. 1,621,080; Mar. 15.
Pacific Cast Iron Pipe & Foundry Company. (See Drummond, Robertson P., assignor.)
Packard Motor Car Company. (See Moorhouse, Alfred, assignor.)
Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
Palmer, Alphonso T., Chicago, Ill. Rail anticreeper. 1,620,683; Mar. 15.
Palmer, Harry B., Mendham, N. J. Apparatus for administering radium emanations. 1,620,684; Mar. 15.
Panay-Horizontal Show-Jar Co. (See Shover, Lamar H., assignor.)
Pancoast, William G., Winnetka, assignor to Bidex Products Company, Waukegan, Ill. Automobile bumper. 1,621,081; Mar. 15.
Pannier Bros. Stamp Co. (See Pannier, William J., jr., assignor.)
Pannier, William J., jr., assignor to Pannier Bros. Stamp Co., Pittsburgh, Pa. Printing stamp. 1,620,685; Mar. 15.
Parker, Claude E., Mountain View, assignor to Parker Pencil Company, Inc., Los Angeles, Calif. Vending machine. 1,620,914; Mar. 15.
Parker Pencil Company. (See Parker, Claude E., assignor.)
Parkhurst, Layton M., Indianapolis, Ind., assignor to Federal Gypsum Products Company, Chicago, Ill. Gypsum product and producing the same. 1,620,915; Mar. 15.
Pauley, Hiram J., Streator, Ill. Poultry feeder and exerciser. 1,620,686; Mar. 15.
Pease, F. F., Inc. (See Pease, Fred F., assignor.)

Pease, Fred F., East Braintree, assignor to F. F. Pease Inc., Boston, Mass. Air-cleaning apparatus. 1,620,780; Mar. 15.
Peasley, Frank O., New Hampton, Mo. Clutch-control mechanism for tractors. 1,621,427; Mar. 15.
Pedersen, Florian B., and H. P. Andersen, Alameda, Calif. Universal joint. 1,621,428; Mar. 15.
Pendock, Charles W., assignor to Le Roi Company, West Allis, Wis. Internal-combustion engine. 1,620,917; Mar. 15.
Pennlman, Abbott L., jr., Baltimore, Md., assignor to Wheeler Condenser & Engineering Company, Carteret, N. J. Feed-water heater. 1,621,268; Mar. 15.
People of the United States. (See Burgess, Albert F.)
Perkins, Charles W., Sulphur Mines, assignor to W. J. Miller, Sulphur, La. Rotary back-up post. 1,621,467; Mar. 15.
Permutit Company, The. (See Brice, Norman E., assignor.)
Pessell, Robert C., Bath, England. Milking machine. 1,620,916; Mar. 15.
Peter, Leslie H., King's Cross, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Alternating-current relay. 1,620,781; Mar. 15.
Peters, Frederick W., Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J. Universal joint. 1,621,215; Mar. 15.
Peters, Frederick W., Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J. Universal joint. 1,621,216; Mar. 15.
Peters, Frederick W., Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J. Universal joint. 1,621,217; Mar. 15.
Peters, Frederick W., Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J. Universal joint. 1,621,218; Mar. 15.
Peters, Frederick W., Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J. Universal joint. 1,621,219; Mar. 15.
Peters, Frederick W., Cleveland, Ohio, assignor to Spicer Manufacturing Corporation, South Plainfield, N. J. Universal joint. 1,621,220; Mar. 15.
Petersen, Waldemar, Darmstadt, Germany. Series-wound machine with additional excitation in bridge connection. 1,621,429; Mar. 15.
Peterson, Emil A., Chicago, Ill. Partition-holding clip. 1,620,737; Mar. 15.
Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Frog spear. 1,621,082; Mar. 15.
Philadelphia Toboggan Company. (See Schmeck, Herbert P., assignor.)
Phillis, Jack, New York, N. Y. Humidifying device. 1,621,430; Mar. 15.
Pickard, Rosa M. Wilmette, Ill. Door knocker. Des. 72,236; Mar. 15.
Pickford, Jack S., Weymouth, England. Hair comb. 1,621,269; Mar. 15.
Pilates, Joe, Hamburg, Germany. Gymnastic apparatus. 1,621,477; Mar. 15.
Pilkington Brothers Limited. (See Waldron, Frederic B., assignor.)
Pioneer Instrument Company. (See Colvin, Charles H., assignor.)
Pippenhagen, Charles A., et al. (See Furber, Frederick M., assignor.)
Pittsburgh Tinware Manufacturing Company. (See Flowers, Stanley A., assignor.)
Plooster, Neal W., Minneapolis, Minn. Toy dog. Des. 72,237; Mar. 15.
Plotz, Anton J., Chicago, Ill. Guard for reels. 1,620,918; Mar. 15.
Podszus, Emil, Berlin-Friedrichshagen, Germany. Process of and apparatus for obtaining powders of great fineness. 1,621,270; Mar. 15.
Pogue, George D., Mount Vernon, N. Y. Oil-pipe-line system. 1,621,221; Mar. 15.
Polhamus, George, Toledo, Ohio. Carrier for pails and the like. 1,620,919; Mar. 15.
Pope, Elmer R., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nailing machine. 1,620,782; Mar. 15.
Porter, Charles F., Flat Rock, Ind. Implement for reshaping distorted elevator buckets. 1,620,920; Mar. 15.
Porter Engine Development, Inc. (See Porter, Finley R., assignor.)
Porter, Finley R., assignor to Porter Engine Development, Inc., New York, N. Y. Internal-combustion engine. 1,620,832; Mar. 15.
Potter, Joshua M., Binghamton, N. Y. Train-air-blowing machine. 1,621,025; Mar. 15.
Power Specialty Company. (See Heenan, John N. D., assignor.)
Pratt, William B., Wellesley, assignor to Research, Incorporated, Boston, Mass. Aqueous rubber dispension and producing the same. 1,621,468; Mar. 15.
Prausnitz, Paul. (See Herschkowitsch, M., and Prausnitz.)
Preisler, Ernst, assignor to Progressive Electrotyping Co., St. Louis, Mo. Plate for multigraph machines. 1,621,271; Mar. 15.
Prenzel, George C., Columbia, Tenn. Air-moistening device. 1,620,738; Mar. 15.
Prescott, William E. (See Head, R., and Prescott.)
Presho, Charles H., Alma, Nebr. Headlight-rim wrench. 1,620,739; Mar. 15.
Price, Lydia A., executrix. (See Price, Melvin B.)
Price, Melvin B., deceased, Los Angeles, Calif.; L. A. Price executrix. Adjustable window hanger. 1,621,484; Mar. 15.
Process Engineers, Inc. (See De Cew, Judson A., assignor.)
Progressive Electrotyping Co. (See Preisler, Ernst, assignor.)
Pukerud, Thomas S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Separating device for circuit interrupters. 1,621,026; Mar. 15.
Purecold Products of America, Inc. (See Burns, J. G., and Davis, assignors.)
Rabinowitz, Gedalia, Arverne, N. Y., assignor to Venus Lighting Fixture Corporation. Lighting fixture backplate. Des. 72,238; Mar. 15.
Raleigh, James F., et al. (See Furber, Frederick M., assignor.)
Rassnick, Abraham, Elmhurst, N. Y. Extension table. 1,621,082; Mar. 15.
Raymond Brothers Impact Pulverizer Company, The. (See Raymond, Fred I., assignor.)
Raymond, Fred I., River Forest, assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill. Stuffing box. 1,621,272; Mar. 15.
Read, Walter C., Bloomfield, N. J. Broom. 1,621,273; Mar. 15.
Reber, Christian, Lincoln Park, Mich. Emergency-brake mechanism. 1,621,431; Mar. 15.
Reed, Anna S. (See Bullock, Jay, assignor.)
Reeder, Thomas H., Glendive, Mont. Vehicle brake. 1,621,378; Mar. 15.
Reekie, James D., St. Paul, Minn. Gasoline gauge. 1,621,274; Mar. 15.
Reese, Daniel W., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Automatic sorter for punch presses. 1,620,687; Mar. 15.
Reese, Thomas E., Baltimore, Md. Transfer holder. 1,620,984; Mar. 15.
Reeves, Wilmot G., Stockbridge, Mich. Extension unit. 1,621,275; Mar. 15.
Rehn, Edward H., Lima, Ohio. Adjustable spindle bolt. 1,620,688; Mar. 15.
Reichmann, Willy, Hamburg, Germany, assignor, by mesne assignments, to National Screen Service, Inc. Driving gear for films in projection apparatus. 1,621,334; Mar. 15.
Reid, James W. (See Berry, H. H., and Reid.)
Reid, John, Glasgow, Scotland, assignor to A. E. White, London, England. Producing advertising signs in the air and product. 1,621,482; Mar. 15.
Reiling, John J., assignor to George D. Ellis & Sons, Incorporated, Philadelphia, Pa. Measuring funnel 1,620,689; Mar. 15.
Reinbold, Frank, Sheboygan, Wis. Method and apparatus for sealing fruit jars. 1,621,132; Mar. 15.
Reiss, Louis, Ryan, Iowa. Combination label. 1,620,833; Mar. 15.
Remy, Benjamin P., Indianapolis, Ind. Electric generator. 1,621,469; Mar. 15.
Research, Incorporated. (See Pratt, William B., assignor.)
Retterer, Ray W. (See Murphy, F. K., and Retterer.)
Reynolds Electric Company. (See Olson, Waldemar N., assignor.)
Reynolds, James W., and C. L. Ball, Chester, Nebr. Rail spike. 1,621,027; Mar. 15.
Reyrolle, A., & Company Limited. (See Anderson, W., and Clothier, assignors.)
Rhodes, Elmer, Long Beach, Calif. Wall construction. 1,620,834; Mar. 15.
Rice, Irwin E., Denver, Colo. Brush. 1,620,783; Mar. 15.
Rice, Willis B. (See Anderson, J. W., and Rice.)
Rich-Sampliner Knitting Mills Company. (See Sampliner, Samuel S., assignor.)
Richards, Daniel W., and H. P. Hancock, Roanoke, Va. Railway-traffic-governing apparatus. 1,620,690; Mar. 15.
Richards, Daniel W., and H. P. Hancock, Roanoke, Va. Railway-traffic-controlling apparatus. 1,620,691; Mar. 15.
Richardson, Frederick E., Manchester, Iowa. Rake. 1,621,276; Mar. 15.
Richman, Solomon, Laurel Hill, assignor to National Enameling and Stamping Company, New York, N. Y. Stirrer for barrels. 1,621,277; Mar. 15.
Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacturing shoe stiffeners. 1,620,784; Mar. 15.
Rieck, William A. J., Tyler, Tex. Spring shackle structure. 1,621,028; Mar. 15.
Rigney, William, Irvington, N. J. Self-adjusting water-gauge connection. 1,620,692; Mar. 15.
Rigsby, John P., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Auto stop governor. 1,621,084; Mar. 15.
Rippl, Charles H., East Cleveland, assignor to The Clark Controller Company, Cleveland, Ohio. Overload device for alternating-current motors. 1,621,173; Mar. 15.
Risinger, Frank V., Lakewood, Ohio. Burner. Re16,574; Mar. 15.

Ritz, Otto, Brooklyn, N. Y. Headlight. 1,621,085; Mar. 15.

Roan, Luther, Rives, Mo. Cable-operated conveyer. 1,620,785; Mar. 15.

Roberts, John C., Harrisburg, Tex. Valve lifter. 1,620,835; Mar. 15.

Robertson, Harry M., Lakewood, Ohio. Apparatus for burning or calcining materials. 1,621,222; Mar. 15.

Rockman, William K., New York, N. Y. Fountain brush. 1,621,432; Mar. 15.

Rodanet, Charles H. H., Versailles, assignor to Etablissements Ed. Jaeger, Paris, France. Control for speed indicators or the like by one of the steering wheels of a motor vehicle. 1,621,433; Mar. 15.

Rodgers, Edward B., New York, N. Y. Valve construction for gas engines. 1,621,485; Mar. 15.

Rodgers Radio Corporation. (See Rodgers, T. T., Giblin, and Moore, assignors.)

Rodgers, Thomas T., M. A. Giblin, F. K. and G. T. Moore, Milwaukee, assignors to Rodgers Radio Corporation, West Allis, Wis. Variable condenser. 1,621,379; Mar. 15.

Roebken, Carl B., Washington, D. C. Light-reflecting means. 1,621,029; Mar. 15.

Roeding, George C. (See Beckman, John W., assignor.)

Roesch, Aloysius A., Andover, Mass. Expanding tool. 1,621,335; Mar. 15.

Rolf, Harry G., et al. (See Koehn, Daniel W., assignor.)

Rollaway Motor Company, The. (See Fox, Cecil M., assignor.)

Rommer, Isaac A., Brooklyn, N. Y. Doll's limb. 1,621,434; Mar. 15.

Root Spring Scraper Company. (See Utter, Eben B., assignor.)

Rosch, Arthur, Charlottenburg, Berlin, Germany, assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Industrial-heating elastic-fluid prime-mover installation. 1,621,435; Mar. 15.

Rossman, Agnes R., Scotch Plains, N. J. Sleeping car. 1,621,086; Mar. 15.

Roston, Jacques, London County, England. Sound-reproducing instrument. 1,621,278; Mar. 15.

Rottloff, Oswin, Auerbach, Germany. Stocking with longitudinal and transverse reenforcements. 1,621,133; Mar. 15.

Roucayrol, Ernest, Paris, France. Apparatus for controlling and distributing electric currents. 1,621,279; Mar. 15.

Roučka, Erich, Blansko, Czechoslovakia. Impulse system of control. 1,621,280; Mar. 15.

Royal, Hugh W. L., North Youngstown, Ohio. Terminal insulator. 1,620,693; Mar. 15.

Rubin, Adolph, St. Louis, Mo., assignor, by mesne assignments, to Arcade Manufacturing Company, Freeport, Ill. Springless fastener. 1,621,087; Mar. 15.

Ruder, William E., Schenectady, N. Y., assignor to General Electric Company. Manufacturing sheet metal. 1,621,380; Mar. 15.

Russo, Albert, Pittston, Pa. Nipple. 1,621,134; Feb. 15.

Rutenberg, Samuel, New York, N. Y. Necktie and lining. 1,621,336; Mar. 15.

Safe-T-Stat Co., The. (See Collins, William A., assignor.)

St. Louis Pump & Equipment Company. (See Hinds, Sherwood, assignor.)

Sala, Theodore A., Dallas, Tex. Fireplace heater. 1,621,135; Mar. 15.

Salisbury, Wilbur, Craigmont, Idaho. Log-loading hook. 1,621,030; Mar. 15.

Sallada, Clarence E., Minneapolis, Minn. Air moistener. 1,621,436; Mar. 15.

Salmons, George C., West Brighton, assignor to Wired Radio, Inc., New York, N. Y. Amplifying three-phase high-frequency power. 1,620,694; Mar. 15.

Sampliner, Samuel S., assignor to The Rich-Sampliner Knitting Mills Company, Cleveland, Ohio. Knitted cap. Des. 72,239; Mar. 15.

Sand Spun Patents Corporation. (See Moore, William D., assignor.)

Sand Spun Patents Corporation. (See Moore, W. D., and Morgan, assignors.)

Sanford, Roy S., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake. 1,620,921; Mar. 15.

Sanitary Refrigerator Corporation. (See Shore, Morris, assignor.)

Sanymetal Products Company, The. (See Carpenter, R. F., and Anderson, assignors.)

Saunders, Addison T., Akron, Ohio, assignor to A. G. Spalding & Bros., New York, N. Y. Shuttle for badminton and the like. 1,620,922; Mar. 15.

Saupe, Ernst, Limbach, Germany. Axleless loop wheel for circular-knitting machines. 1,621,136; Mar. 15.

Sears, Edward M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. Des. 72,240; Mar. 15.

Sears, Edward M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. Des. 72,241; Mar. 15.

Seely, Clare. (See Conant, M. C., and Seely.)

Segay, Adolphe, Montrouge, France. Explosive. 1,620,696; Mar. 15.

Seidel, Emory P., River Forest, Ill., assignor to Stover Signal Engineering Company, Racine, Wis. Display pedestal. Des. 72,242; Mar. 15.

Seigle, Peter G., Dunmore, and G. E. Dean, Scranton, Pa. Method of and apparatus for breaking coal. 1,620,838; Mar. 15.

Seiler, Michael L., assignor to Keystone Reamer & Tool Co., Millersburg, Pa. Reaming jig. 1,621,187; Mar. 15.

Shand, Errol B., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Commutation of synchronous converters. 1,621,032; Mar. 15.

Shannon, Ellwood M., Bala, Pa. Mallet locomotive. 1,621,339; Mar. 15.

Shaver, Lester W., San Diego, Calif. Tool attachment for hammers. 1,620,923; Mar. 15.

Shawmut Engineering Company. (See Bixby, Walter, assignor.)

Shawmut Engineering Company. (See Hathaway, Edgar F., assignor.)

Sheehan, William M., assignor to Commonwealth Steel Company, St. Louis, Mo. Dump-car underframe. 1,620,839; Mar. 15.

Sheffield, William M., New York, N. Y. Mold and making the same. 1,621,281; Mar. 15.

Shetzline, Samuel R., jr., Philadelphia, Pa., and E. A. Dodelin, Moorestown, N. J. Shoe-lace fastener. 1,621,282; Mar. 15.

Shields, Patrick W., assignor to McKenna Brass & Manufacturing Company Inc., Pittsburgh, Pa. Bottling machine. 1,621,470; Mar. 15.

Shore, Morris, assignor to Sanitary Refrigerator Corporation, Philadelphia, Pa. Spigot. Des. 72,243; Mar. 15.

Shover, Lamar H., assignor to Panay-Horisontal Show-Jar Co., Milwaukee, Wis. Candy jar. 1,621,283; Mar. 15.

Siegel, Maude, assignor to Franklin Simon & Co. Inc., New York, N. Y. Dress. Des. 72,244; Mar. 15.

Silverthorn, Charles, Pontiac, Mich. Antiskid device for motor vehicles. 1,621,138; Mar. 15.

Simmons, Alfred K., Faribault, Minn. Dental fastening means. 1,621,175; Mar. 15.

Simmons, Oliver G., Lakewood, assignor to The National Tool Company, Cleveland, Ohio. Valve seating and aligning tool. 1,621,471; Mar. 15.

Simons, Donald M., Osborne, assignor to Standard Underground Cable Company, Pittsburgh, Pa. Apparatus for building joints. 1,620,740; Mar. 15.

Sinclaire, Francis S., Cambridge, Mass. Tube socket. 1,621,381; Mar. 15.

Singer Pump Company. (See Winsor, Irwin B., assignor.)

Skiff, Bessie N., Boulder, Colo. Book end or similar article. Des. 72,245; Mar. 15.

Slater, Earl A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Drive mechanism. 1,621,033; Mar. 15.

Slater, N., Company, Limited, The. (See Cassels, Charles W., assignor.)

Slepian, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wireless receiving system. 1,621,034; Mar. 15.

Slezak, Vincent F., Chicago, Ill. Casing for a weight-printing machine. Des. 72,246; Mar. 15.

Slick, Edwin E., Pittsburgh, Pa. Rolling mill. 1,621,284; Mar. 15.

Sloper, Charles A. (See Thompson, F. L., and Sloper.)

Schaeffer, Arnold A., Houston, Tex. Door latch. 1,621,437; Mar. 15.

Schlage, Walter R., San Francisco, Calif. Doorknob fastener. 1,621,174; Mar. 15.

Schmeck, Herbert P., assignor to Philadelphia Toboggan Company, Philadelphia, Pa. Coaster-track structure. 1,621,337; Mar. 15.

Schmekel, Fritz. (See Eichhorst, Franz, assignor.)

Schmidt, Diedrick, Alta, Iowa. Drawbar for drags. 1,621,031; Mar. 15.

Schmidt, Oltmann G., Fargo, N. Dak. Gasoline torch. 1,620,695; Mar. 15.

Schmiege, Frank F., Appleton, Wis. Electrical stop mechanism for looms. 1,620,836; Mar. 15.

Schock, Godfried, Cleveland, Ohio. Automobile direction signal. 1,621,338; Mar. 15.

Schott & Gen. (See Herschkowitsch, M., and Prausnitz, assignors.)

Schulte, John C., Norway, Iowa. Farm gate. 1,620,786; Mar. 15.

Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Machine for hobbing gears, shafts, and other articles. 1,621,223; Mar. 15.

Schussler Tobacco Machine Company. (See Schussler, Walter H., assignor.)

Schussler, Walter H., assignor to The Schussler Tobacco Machine Company, Philadelphia, Pa. Cigar-bunching machine. 1,621,088; Mar. 15.

Schwartz, Federico, assignor of one-half to Gil-Camporro, Barcelona, Spain. Preparing a varnish. 1,621,438; Mar. 15.

Schwartz, Russell P., Cincinnati, Ohio. Electrode-holding device. 1,620,837; Mar. 15.

Scott, Clarence N., Houston, Tex. Headlight. 1,621,224; Mar. 15.

Scott, Thomas S. (See Storer, N. W., and Scott.)

Scovill Manufacturing Company. (See Cook, Clarence P., assignor.)

Snavely, Clarence S., Pittsburgh, and A. W. Fisher, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway apparatus. 1,621,197; Mar. 15.

Snell, Lyle K., assignor to The Willys-Overland Company, Toledo, Ohio. Coupling for pipes. 1,620,924; Mar. 15.

Snyder, Herbert G. (See Brice, N. E., and Snyder.)

Smith, Charles W., Grand Rapids, Mich. Curtain pull. 1,620,741; Mar. 15.

Smith, Francis M. (See Heyer, F. G., and Smith.)

Smith, John H., Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser. 1,621,089; Mar. 15.

Smith, William H., Detroit, assignor to Ford Motor Company, Highland Park, Mich. Mold for casting metals. 1,621,472; Mar. 15.

Société Anonyme pour l'Exploitation des Brevets Künzer. (See Künzer, Marcel, assignor.)

Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude). (See Claude, Georges, assignr.)

Solomon, Cecil J., New York, N. Y. Apparatus for cutting furs. 1,621,285; Mar. 15.

Sondack, Abraham, Bronx, N. Y. Receptacle for ironing boards. 1,621,090; Mar. 15.

Sonin, Sam, Kansas City, Mo. Removable trunk holder. 1,621,176; Mar. 15.

Sooy, Norman H., Kansas City, Mo. Pump-rod support. 1,621,286; Mar. 15.

Sörgel, Waldemar, assignor to Kämmer & Reinhardt A.-G., Waltershausen, Thuringen, Germany. Doll's eyes with locking mechanism. 1,621,139; Mar. 15.

Southard, Winfield H., Presque Isle, Me. Flue stopper. 1,620,840; Mar. 15.

Spafford, Lewis B., Chicago, Ill. Game. 1,620,742; Mar. 15.

Spalding, A. G., & Bros. (See Saunders, Addison T., assignor.)

Sparklets Limited. (See Campbell, Robert H., assignor.)

Speidel Chain Co. (See Speidel, Eugen, assignor.)

Speidel, Eugen, Pforzheim, Germany, assignor to Speidel Chain Co., Providence, R. I. Chain. 1,621,287; Mar. 15.

Spence, Joseph, Maywood, Nebr. Space-adjusting means for ground-engaging implements. 1,620,697; Mar. 15.

Spicer Manufacturing Corporation. (See Peters, Frederick W., assignor.)

Standard Development Company. (See Allan, David M., assignor.)

Standard Underground Cable Company. (See Simons, Donald M., assignor.)

Standlee, Harvey R., assignor to Paul Arbon & Company, Tulsa, Okla. Combined socket and jar. 1,620,985; Mar. 15.

Steel Construction Company Limited. (See Davies, Frederick A., assignor.)

Steffan, William C. (See Ackermann, F. B., Steffan, and Greiner.)

Steffens, Calvin B., Allenton, Mo. Auxiliary Ford starter switch and switch-operating mechanism. 1,621,288; Mar. 15.

Steneck Trust Company, trustee. (See Lowy, Otto, assignor.)

Stern, Louis, Company. (See Graemer, August F., assignor.)

Sternberg, Herman J., St. Louis, Mo. Feed-water heater. 1,621,289; Mar. 15.

Stetson, Frank H., Methuen, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I. Shuttle block. 1,621,439; Mar. 15.

Stevens, Clement H., High Wycombe, England. Pneumatically-operated percussive hand tool. 1,621,382; Mar. 15.

Stimpson, Wallace I., assignor to Draper Corporation, Hopedale, Mass. Loom temple roll. 1,621,177; Mar. 15.

Stockton, Charles G. (See Winters, Charles D., assignor.)

Stoddard, Elliott J., Highland Park, Mich. Process and apparatus for germinating seed. 1,621,440; Mar. 15.

Stone, Fred G., Manchester, N. H., assignor to Stone Surface Washer Company, Inc., North Andover, Mass. Surface washer. 1,620,698; Mar. 15.

Stone Surface Washer Company. (See Stone, Fred G., assignor.)

Storer, Norman W., and T. S. Scott, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Vehicle structure. 1,621,035; Mar. 15.

Storer Signal Engineering Company. (See Seidel, Emory P., assignor.)

Strand, Eric J. (See Olson, Gustaf, assignor.)

Straub, Otto H., Kudalstadt, assignor to the Firm F. Ad. Richter & Cie. A. G., Baukastenfabrik, Rudolstadt, Thuringi, Germany. Roof-tile beam for toy structures. 1,621,178; Mar. 15.

Stromberg Motor Devices Company. (See Mock, F. C., Gustafson, and Chandler, assignors.)

Stuart, Lillian, New York, N. Y. Protector. 1,620,748; Mar. 15.

Studebaker Corporation, The. (See Davenport, George R., assignor.)

Suekoff, Samuel, Chicago, Ill. Spring-cushion construction. 1,621,091; Mar. 15.

Suida, Hermann, Modling, Lower Austria, Austria. Production of concentrated acetic acid from dilute aqueous solutions of the same. 1,621,441; Mar. 15.

Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)

Superheater Company, The. (See Griffin, Joseph F., assignor.)

Surlemont, Henri, Verviers, Belgium. Automatic inflater arranged on and actuated by internal-combustion engines. 1,621,179; Mar. 15.

Susuki, Masuichi, Los Angeles, Calif. Lock. 1,621,036; Mar. 15.

Swan, Fred, Wichita, Kans. Underreamer. 1,620,699; Mar. 15.

Swan, Fred, Wichita, Kans. Underreamer bit or cutter. 1,620,700; Mar. 15.

Swartz, Ira T., trustee. (See Weaver, Albert E., assignor.)

Sweeney and Boland. (See Fogarty, John G., assignor.)

Sykes, Adrian F., New Barnet, England. Electro-magnetic apparatus for recording sound. 1,621,180; Mar. 15.

Symington Company, The. (See Hankins, Cyrus, assignor.)

T & L Co., The. (See Lotz, William A., assignor.)

Tangye, Roy M., Denver, Colo. Carburetor. 1,620,925; Mar. 15.

Tanner Engineering Company, The. (See Tanner, Harry L., assignor.)

Tanner, Harry L., Brooklyn, N. Y., assignor to The Tanner Engineering Company, Inc. Position indicator. 1,621,290; Mar. 15.

Tanner, Roe, Attica, Ohio. Propelling means. Re16,573; Mar. 15.

Taylor, Albert H., and L. C. Young, Washington, D. C. Receiving system for high-frequency electrical oscillations. 1,621,037; Mar. 15.

Teich, Ernest L., assignor to The American Hardware Corporation, New Britain, Conn. Hinge. 1,620,701; Mar. 15.

Texas Company, The. (See Dimmig, Howard, assignor.)

Texas Company, The. (See White, George D., assignor.)

Thews, Karl B., Sawpit, Colo., assignor to Colorado Vanadium Corporation, New York, N. Y. Recovering vanadium. 1,621,038; Mar. 15.

Thomas, Frederick, Philadelphia, Pa. Creasing and folding machine. 1,620,986; Mar. 15.

Thomas, George B., assignor to The Bryant Electric Company, Bridgeport, Conn. Rotary snap switch. 1,621,340; Mar. 15.

Thomas, Walter L., Fruitland, Fla. Combined airplane and helicopter. 1,620,787; Mar. 15.

Thompson, Arthur W., East McKeesport, Pa., assignor to Westinghouse Electric and Manufacturing Company. Angle ring for transformers. 1,621,039; Mar. 15.

Thompson, Fayette L., Portland, and C. A. Sloper, Rainier, Oreg. Toy and operating mechanism therefor. 1,621,140; Mar. 15.

Thompson, Frank E., Pierson Station, Ill. Snowplow 1,621,040; Mar. 15.

Thompson, John M. and W. H., Buffalo, N. Y. Device for passing cables through pipe lines. 1,620,788; Mar. 15.

Thompson, William H. (See Thompson, John M. and W. H.)

Thomson, Judson L., Manufacturing Co. (See Havener, Arthur R., assignor.)

Thropp, Joseph W., Trenton, N. J. Magnetic clutch. 1,621,383; Mar. 15.

Thropp, Joseph W., Trenton, N. J. Control system. 1,621,384; Mar. 15.

Thropp, Joseph W., Trenton, N. J. Power-transmission system. 1,621,385; Mar. 15.

Thropp, Joseph W., Trenton, N. J. Safety stop mechanism. 1,621,442; Mar. 15.

Thurmann, Otto, Berlin, Germany. Cocoa and chocolate grinder. 1,620,702; Mar. 15.

Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,620,744; Mar. 15.

Tiffany Manufacturing Company. (See Joyce, Harold L., assignor.)

Todd Company, The. (See Lindemuth, William E., assignor.)

Toftteen, Olof A., Chicago, Ill. Burner. 1,621,092; Mar. 15.

Toomey, John J., Chicago, Ill. Stove or range. 1,621,141; Mar. 15.

Topping, Frank J., Clifton Forge, Va. Headlight shield. 1,621,181; Mar. 15.

Trenor, Albert D., New York, N. Y., assignor to John Hays Hammond, jr. System of control by impulses of predetermined different durations. 1,620,987; Mar. 15.

Trevor, John B., jr., New York, N. Y. Voltage regulator. 1,621,443; Mar. 15.

Troll, Frederick J., Towson, assignor to The Loadometer Company, Baltimore County, Md. Load indicator for motor vehicles. 1,621,093; Mar. 15.

Trompeter, Herman F., and J. P. Brown, Topeka, Kans. Swivel for telephone receivers. 1,620,703; Mar. 15.

Trout, William A., Los Angeles, Calif. Blow-out preventer. 1,621,041; Mar. 15.

Trullinger, Herbert A., Clackamas County, Oreg. Coaster wagon. 1,620,926; Mar. 15.

Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)

Tupper, Frank H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Molding strain insulators. 1,621,042; Mar. 15.
Turner, Archibald J., assignor to Wilson-Western Sporting Goods Company, Chicago, Ill. Inflatable ball. 1,621,043; Mar. 15.
Turnquist, Alexander N., Glen Ellyn, Ill. Oil regulator. 1,621,444; Mar. 15.
Underwood Typewriter Company. (See Cripe, Harry E., assignor.)
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Waldheim, John, assignor.)
Unger, Nils A., Vinterviken, Aspudden, Sweden. Process and device for the development, fixing, washing, etc., of photographic or cinematographic films or the like. 1,621,291; Mar. 15.
Union Electric Manufacturing Company. (See Campbell, Harry E., assignor.)
Union Switch & Signal Company, The. (See Fisher, A. W., and Wells, assignors.)
Union Switch & Signal Company, The. (See Johnston, Allen T., assignor.)
Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
Union Switch & Signal Company, The. (See Peter, Leslie H., assignor.)
Union Switch & Signal Company, The. (See Snavely, C. S., and Fisher, assignors.)
Union Switch & Signal Company, The. (See Vencill, Albert L., assignor.)
United Fly Salt Company. (See Nelson, Charles O., assignor.)
United Shoe Machinery Corporation. (See Barclay, W. R., and Minett, assignors.)
United Shoe Machinery Corporation. (See Cosgrove, John W., assignor.)
United Shoe Machinery Corporation. (See Pope, Elmer R., assignor.)
United Shoe Machinery Corporation. (See Ricks, Fred, assignor.)
United Shoe Machinery Corporation. (See Warren, George E., assignor.)
U. S. Bobbin & Shuttle Co. (See Stetson, Frank H., assignor.)
United States Glass Company. (See Loomis, Virgil V., assignor.)
United States Hat Machinery Corporation. (See Genest, Homer A., assignor.)
United States Machine Gun Company. (See Green, S. G., and Hatcher, assignors.)
Unruh, Daniel F., assignor of one-half to E. Unruh, Goessel, Kans. Thrashing machine. 1,621,445; Mar. 15.
Unruh, Ed. (See Unruh, Daniel F., assignor.)
Unwin, Kenneth J., Shrewsbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Combined latch and weft detector for loom transferrers. 1,621,044; Mar. 15.
Urban, George, jr., Cheektowaga, N. Y. Carton. 1,620,789; Mar. 15.
Usnik, John, Los Angeles, Calif. Photo-printing cabinet. 1,620,927; Mar. 15.
Utter, Eben B., assignor to Root Spring Scraper Company, Kalamazoo, Mich. Spring and manufacturing the same. 1,621,095; Mar. 15.
Van Dorn, Herbert E., Chicago, Ill. Switch and valve control in air and electric coupling systems for cars. 1,621,292; Mar. 15.
Van Dorn, William E., Chicago, Ill. Metal wall for railway cars and the like. 1,621,293; Mar. 15.
Vance, Walter N., Chicago Heights, assignor to Durand Steel Locker Company, Chicago, Ill. Fender rack. 1,620,841; Mar. 15.
Van Rensselaer, Jere, jr., Council Bluffs, Iowa. Electric hand lantern. 1,620,842; Mar. 15.
Van Valkenburg, Earl C., Holyoke, Mass. Collapsible-tube closure. 1,621,294; Mar. 15.
Vencill, Albert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 1,620,704; Mar. 15.
Venon, Jules H., New York, N. Y. Goblet or similar article. Des. 72,247; Mar. 15.
Venus Lighting Fixture Corporation. (See Rabinowitz, Gedalia, assignor.)
Vestal, Albert H. (See Malone, Adolph W., assignor.)
Vogel, Ernst, Stockerau, near Vienna, Austria. Differential piston pump. 1,621,142; Mar. 15.
Vogel, Hans E. R., Blankenese, near Hamburg, Germany. Bringing about physical and chemical changes in dielectric carbon compounds by means of ionized gases. 1,621,143; Mar. 15.
Vogt, Theodore B. H., Passaic, N. J., assignor to General Electric Company. Locking attachment for incandescent lamps. 1,621,341; Mar. 15.
Volwiler, Ernest H., assignor to Abbott Laboratories, Chicago, Ill. N-butyl ethyl barbituric substance. 1,621,094; Mar. 15.
Von Platen, Baltzar C., Ystad, and C. G. Munters, Dala-Jarna, Sweden, assignors, by mesne assignments, to Electrolux Servel Corporation, Absorption refrigerating apparatus. 1,620,843; Mar. 15.
Von Reis, Lambert, Herzogenrath, Germany. Method and device for manufacturing plate glass. 1,621,144; Mar. 15.
Vortex Mfg. Co. (See Anderson, J. W., and Rice, assignors.)
Wagner, Joseph F., South Bend, Ind. Land-roller frame. 1,621,295; Mar. 15.
Wainwright, William W., Tacoma, Wash. Electric water heater. 1,620,745; Mar. 15.
Waitch, John, Pittsburgh, Pa., assignor of one-half to F. Lasavich, La Porte, Ind. Window lock. 1,620,705; Mar. 15.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multiple-weave motion for loom dobbies. 1,621,045; Mar. 15.
Walaschek, Samuel J., New York, N. Y. Clothesline connection. 1,620,928; Mar. 15.
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,620,988; Mar. 15.
Waldron, Frederic B., Prescot, assignor to Pilkington Brothers Limited, Liverpool, England. Grinding and polishing glass and apparatus therefor. 1,621,296; Mar. 15.
Waldron, Frederic B., Prescot, assignor to Pilkington Brothers Limited, Liverpool, England. Polishing glass and apparatus therefor. 1,621,297; Mar. 15.
Walkee Toy & Novelty Co. (See Dahlstrom, John J., assignor.)
Walker, Charles H., East Liverpool, Ohio. Cup or similar article. Des. 72,248; Mar. 15.
Walker Manufacturing Company. (See Dearsley, Irwin E., assignor.)
Walker, Maurice, New York, N. Y. Spindle carriage and clutch. 1,620,844; Mar. 15.
Wallerich, George W., Chicago, Ill. Heat-therapy method and mean. 1,620,929; Mar. 15.
Walsh & Weidner Boiler Co. (See Jackson, Percy, assignor.)
Walter, Harrison B., assignor, by mesne assignments, to Container Corporation of America, Chicago, Ill. Box. 1,621,225; Mar. 15.
Warner and Swasey Company, The. (See Burger, William J., assignor.)
Warren, George E., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for use in handling welting. 1,620,790; Mar. 15.
Warren, Virgil P., Atlanta, Ga. Refrigerator wall. 1,621,386; Mar. 15.
Warren, Virgil P., Atlanta, Ga. Refrigerator-ice-tank support. 1,621,387; Mar. 15.
Watson, Harold L., Lynn, Mass., assignor to General Electric Company. Process and apparatus for producing silica articles. 1,621,446; Mar. 15.
Watt, Frank N., Richmond, Ind. Burial casket. 1,620,845; Mar. 15.
Watzman, Bennie. (See Honor, John, assignor.)
Weaver, Albert E., assignor, by mesne assignments, to I. T. Swartz, trustee, Indianapolis, Ind. Carburetor. 1,620,746; Mar. 15.
Weaver, Robert R., Chicago, Ill., assignor to General American Tank Car Corporation. Tank-equipped vehicle. 1,621,182; Mar. 15.
Webb, Purcell T., Christchurch, New Zealand. Holder for fountain pens and the like. 1,620,930; Mar. 15.
Weber, Carl O., Dresden, Germany. Feeding device for grinding, milling, or boring machines and the like. 1,621,145; Mar. 15.
Weber, John, assignor to The American-National Company, Toledo, Ohio. Juvenile wagon body. 1,620,931; Mar. 15.
Webber, James H., Carrolltown, Pa. Attachment for arctics. 1,621,342; Mar. 15.
Wells, Arthur E., Toronto, Ontario, Canada. Grating. 1,620,846; Mar. 15.
Wells, Wesley B. (See Fisher, A. W., and Wells.)
Welp, William, St. Louis, Mo. Safety device. 1,621,146; Mar. 15.
Welsh, Thomas E., Woodbridge, Conn. Jar-opening device. 1,620,706; Mar. 15.
Welter, Sebastian J., assignor to Armstrong Bros. Tool Co., Chicago, Ill. Milling cutter. 1,621,226; Mar. 15.
Weppler Electric Co. (See Mutscheller, Arthur, assignor.)
Western Electric Company. (See Black, Harold S., assignor.)
Western Electric Company. (See Blount, H., and Hernlund, assignors.)
Western Electric Company. (See Elmen, Gustaf W., assignor.)
Western Electric Company. (See Gallopin, Gustavo, as-Mar. 8.
Western Electric Company. (See Helsing, Raymond A., assignor.)
Westinghouse Electric and Manufacturing Company. (See Allen, Robert C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ashbaugh, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Barker, Virgil D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bradshaw, William M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Burger, Oswald, assignor.)

Westinghouse Electric & Manufacturing Company. (See Chubb, Lewis W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Evans, Robert D., assignor.)
Westinghouse Electric and Manufacturing Company. (See Harvey, A. L., and Andersen, assignors.)
Westinghouse Electric and Manufacturing Company. (See Hodgkinson, Francis, assignor.)
Westinghouse Electric & Manufacturing Company. (See Jackson, Ray P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kasley, Alexander T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Landon, Vernon D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Matthews, Howard D., assignor.)
Westinghouse Electric and Manufacturing Company. (See Miller, Charles F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Newell, George T., jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pukerud, Thomas S., assignor.)
Westinghouse Electric and Manufacturing Company. (See Rigsby, John P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Shand, Errol B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Slater, Earl A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, John H., assignor.)
Westinghouse Electric and Manufacturing Company. (See Storer, N. W., and Scott, assignors.)
Westinghouse Electric and Manufacturing Company. (See Thompson, Arthur W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tupper, Frank H., assignor.)
Wetmore, Charles P., assignor to Wetmore Reamer Company, Milwaukee, Wis. Reamer. 1,621,227; Mar. 15.
Wetmore Reamer Company. (See Wetmore, Charles P., assignor.)
Wheatley, George H., Chicago, Ill. Rubber flap. 1,621,388; Mar. 15.
Wheeler Condenser & Engineering Company. (See Penniman, Abbott L., jr., assignor.)
Whisler, Virgil P., Ottumwa, Iowa. Jointer head. 1,620,847; Mar. 15.
White, Alfred E. (See Reid, John, assignor.)
White, George D., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for heating stills. 1,621,298; Mar. 15.
White, Oscar, St. Louis, Mo. Liquid-fuel burner. 1,620,932; Mar. 15.
White, William E., assignor to Kalman Steel Co., Chicago, Ill. Sleeper anchor. Re16,572; Mar. 15.
White, William E., assignor to Kalman Steel Company, Chicago, Ill. Twin chair. 1,621,183; Mar. 15.
White, William E., assignor to Kalman Steel Company, Chicago, Ill. Twin-bar support. 1,621,184; Mar. 15.
White, William E., assignor to Kalman Steel Company, Chicago, Ill. Built-up structural element. 1,621,299; Mar. 15.
White, William E., assignor to Kalman Steel Co., Chicago, Ill. Sleeper anchor. 1,621,478; Mar. 15.
Wiberg, Oscar A., Finspong, Sweden. Reversible power-transmission device. 1,621,228; Mar. 15.
Widell, Magnus E., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Interior-collar can. 1,621,389; Mar. 15.
Wilcox, Joseph T., Seattle, Wash. Casting protector. 1,620,933; Mar. 15.
Wilder, Morris B., Omaha, Nebr. Drilling and countersinking tool. 1,620,848; Mar. 15.
Willard, Joseph T., assignor to Eureka Steel Range Company, O'Fallon, Ill. Furnace grate. 1,621,390; Mar. 15.
Williams, James C., assignor to Dalton Hosiery Mills, Dalton, Ga. Seamless hosiery and making same. 1,621,343; Mar. 15.
Williams, James T., Miami, Mo. Gearing. 1,620,849; Mar. 15.
Williams, Merritt A., Norfolk, Va. Automatic mechanically operated oil burner. 1,621,447; Mar. 15.
Williams, William A., Columbus, Ohio. Elevator-door latch. 1,621,391; Mar. 15.
Willys-Overland Company, The. (See Baker, Arthur J., assignor.)
Willys-Overland Company, The. (See Snell, Lyle K., assignor.)
Wilson-Western Sporting Goods Company. (See Turner, Archibald J., assignor.)
Wing Clothes Peg Proprietary, Limited. (See Drew, Henry J. and J. A. H., and Gardiner, assignors.)
Winnertz, Peter E., Penig, Germany. Manufacturing hollow bodies from pulp fiber. 1,621,147; Mar. 15.
Winsor, Irwin B., Los Angeles, Calif., assignor to Singer Pump Company. Deep-well pump. 1,621,046; Mar. 15.
Winters, Charles D., Asbury Park, assignor of one-half to C. G. Stockton, Ocean Grove, N. J. Advertising display sign. 1,621,096; Mar. 15.
Wired Radio, Inc. (See Salmons, George C., assignor.)
Wirt Company. (See Ermold, Elmer A., assignor.)
Witherby, Pauline E., guardian. (See Blankenborn, George W.)
Wolf, Louis & Co. Inc. (See Du Bois, Harry D., assignor.)
Wood, Straud K., Hutchinson, Kans. Automobile identification device. 1,620,791; Mar. 15.
Woolsey, Nicholas I., Tottenville, N. Y. Valve-stem cap. 1,621,300; Mar. 15.
Wray, Edward N. (See Bashor, E. E., and Wray.)
Wright Aeronautical Corporation. (See Lawrence, Charles L., assignor.)
Wright-Austin Company. (See Kuhn, Wilfred H., assignor.)
Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Delivery mechanism for box-filling machines. 1,621,301; Mar. 15.
Wünsch, Guido, Steglitz, near Berlin, Germany. Device for regulating gas pressure. 1,620,707; Mar. 15.
Wyand, William, Absecon, N. J. Grate section. 1,621,302; Mar. 15.
Yerges, Frank L., assignor of one-tenth to H. Zimmerman, Fremont, Ohio. Multiply buffer. 1,620,708; Mar. 15.
Young, Frederick W., Safety Harbor, Fla. Casement hinge. 1,621,047; Mar. 15.
Young, Leo C. (See Taylor, A. H., and Young.)
Young, Philip E., Fairhaven, Mass., assignor to Acushnet Process Company. Toy motor boat. 1,620,709; Mar. 15.
Zahn, Lawrence J. (See Mitchell, J. A., and Zahn.)
Zammataro, Salvatore J., Brooklyn, N. Y. Collapsible tube. 1,621,097; Mar. 15.
Ziegler, Virgil A., St. Louis, Mo. Baking pan. 1,620,710; Mar. 15.
Zilbersher, Abraham, New York, N. Y. Snow cleaner and digger. 1,621,448; Mar. 15.
Zimmerman, Harry. (See Yerges, Frank L., assignor.)
Zimmerman, Harry C., Washington, D. C. Formation of passages between chambers. 1,620,850; Mar. 15.
Zimmerman, Harry C., Washington, D. C. Traversing gear for guns. 1,620,851; Mar. 15.
Zimmerman, Harry C., Washington, D. C. Crank axle for gun carriages. 1,620,852; Mar. 15.
Zinn, Argus O., Los Angeles, Calif. Double-action oil-well pump. 1,620,934; Mar. 15.
Zuck, Nicholas, Rochester, N. Y. Garment construction. 1,620,853; Mar. 15.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 15TH DAY OF MARCH, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abdominoscope. R. T. Evans. 1,621,159; Mar. 15.
Accelerator attachment. P. L. Hartz. 1,620,649; Mar. 15.
Acid from dilute aqueous solutions of the same, Production of concentrated acetic. H. Suida. 1,621,441; Mar. 15.
Acid sludge to provide a fuel, Treating. W. D. Kinkade and C. J. Baugh. 1,621,071; Mar. 15.
Advertising device, Mechanical. J. T. Addleburg and L. M. Fox. 1,621,344; Mar. 15.
Aeroplane. C. E. Lykins. 1,621,019; Mar. 15.
Aeroplane kite. E. A. Founds. 1,620,882; Mar. 15.
Air-blowing machine, Train-. J. M. Potter. 1,621,025; Mar. 15.
Air cleaner. E. R. Huntley. 1,620,890; Mar. 15.
Air-cleaning apparatus. F. F. Pease. 1,620,780; Mar. 15.
Air moistener. C. E. Sallada. 1,621,436; Mar. 15.
Air-moistening device. G. C. Prenzel. 1,620,738; Mar. 15.
Airplane and helicopter, Combined. W. L. Thomas. 1,620,787; Mar. 15.
Alarm: *See*—
Water-column alarm.
Alimentary products, Device for forming. W. D. Bleier. 1,621,454; Mar. 15.
Amplifying three-phase high-frequency power. G. C. Salmons. 1,620,694; Mar. 15.
Anchor, Ground. J. R. Kearney. 1,620,896; Mar. 15.
Angle piece, Precision contra-. R. W. Brown. 1,621,190; Mar. 15.
Animal trap. E. A. Nerby. 1,620,777; Mar. 15.
Ant trap. A. A. Edwards and R. L. McDonald. 1,621,318; Mar. 15.
Antigen, Scarlet-fever. W. P. Larson. 1,621,119; Mar. 15.
Antiskid chain. E. E. Cronenweth. 1,621,398; Mar. 15.
Antiskid device. F. M. Hamann. 1,620,965; Mar. 15.
Applying apparatus. J. W. Cosgrove. 1,620,802; Mar. 15.
Arch support. B. S. Bonaventure. 1,620,797; Mar. 15.
Arctics, Attachment for. J. H. Webber. 1,621,342; Mar. 15.
Arm rest. L. D. Houck. 1,620,816; Mar. 15.
Arm sling. E. M. Horn. 1,621,323; Mar. 15.
Arsenical solutions and preparing same. O. Lowy. 1,621,121; Mar. 15.
Ash receptacle, Sectional concrete. M. A. Marsh. 1,620,670; Mar. 15.
Automobile bumper. W. G. Pancoast. 1,621,081; Mar. 15.
Automobile signal-control switch. W. H. Kranser. 1,621,372; Mar. 15.
Automobiles, Flag holder for the motometers and similar devices of. M. A. Kane. 1,620,820; Mar. 15.
Automobiles, Selective four-wheel drive and steering and brake mechanism for. R. H. Lewis. 1,621,211; Mar. 15.
Awning frame. T. C. Girton and F. J. P. Kuhlmann. 1,620,958; Mar. 15.
Axle housings, Making. H. Ford. 1,621,007; Mar. 15.
Back-up post, Rotary. C. W. Perkins. 1,621,467; Mar. 15.
Bag: *See*—
Golf bag.
Bag-handle connection. W. A. Lotz. 1,621,076; Mar. 15.
Bag holder. F. A. Johnson. 1,620,819; Mar. 15.
Bags, Making paper. D. Appel. 1,621,049; Mar. 15.
Baking pan. E. D'Evlyn. 1,621,315; Mar. 15.
Baking pan. V. A. Ziegler. 1,620,710; Mar. 15.
Ball: *See*—
Inflatable ball.
Banding machine. V. D. Barker. 1,621,052; Mar. 15.
Bar: *See*—
Stop bar.
Bar support, Twin-. W. E. White. 1,621,184; Mar. 15.
Barrels, Stirrer for. S. Richman. 1,621,277; Mar. 15.
Basket handle. F. J. Brainard. 1,620,941; Mar. 15.
Battery plates, Rack for. S. A. Lehman. 1,621,327; Mar. 15.
Bearing, Antifriction. J. F. O'Connor. 1,620,680; Mar. 15.
Bed, Sliding. M. M. Hampton. 1,621,163; Mar. 15.
Bed-spring support. D. Hanauer. 1,621,111; Mar. 15.
Beds, Envelope shield for crib. M. B. Houston. 1,620,660; Mar. 15.
Bias-cutting machine. J. W. Brundage. 1,621,152; Mar. 15.
Billing machines, Aligning and registering device for. R. T. Mannhardt and A. B. Hitzel. 1,621,265; Mar. 15.
Bit: *See*—
Disk bit.

Bitumen boiler. F. A. Davies. 1,620,952; Mar. 15.
Bituminous composition. L. Kirschbraun. 1,620,900; Mar. 15.
Bituminous composition and making same. L. Kirschbraun. 1,620,899; Mar. 15.
Blanks, Cross-slide carriage for turning and facing. W. J. Burger. 1,620,868; Mar. 15.
Block: *See*—
Shuttle block.
Blow-out preventer. W. A. Trout. 1,621,041; Mar. 15.
Board: *See*—
Game board. Steam board.
Running board.
Boat, Collapsible. J. F. Boyle. 1,620,867; Mar. 15.
Boiler: *See*—
Bitumen boiler.
Boiler construction. W. F. McPhee. 1,621,374; Mar. 15.
Boilers, Soot-blowing apparatus for water-tube. J. H. Hinman and R. F. Burke. 1,620,762; Mar. 15.
Boilers, Superheater arrangement for water-tube. J. N. D. Heenan. 1,621,112; Mar. 15.
Bolt: *See*—
Spindle bolt.
Book end or similar article. B. N. Skiff. Des. 72,245; Mar. 15.
Boots and shoes, Finishing machine for. A. and A. Cocozella, jr. 1,620,721; Mar. 15.
Bottle closure. E. R. Bartlett. 1,621,187; Mar. 15.
Bottling machine. P. W. Shields. 1,621,470; Mar. 15.
Bowel evacuant. L. Baron. 1,621,186; Mar. 15.
Bowl, Punch. B. V. Booth. 1,621,055; Mar. 15.
Box: *See*—
Stuffing box. Vanity box.
Box. H. B. Walter. 1,621,225; Mar. 15.
Box-filling machines, Delivery mechanism for. C. F. Wright. 1,621,301; Mar. 15.
Box-making machines, Die for. F. G. Heyer and F. M. Smith. 1,620,725; Mar. 15.
Box or crate. A. L. Foreman. 1,621,363; Mar. 15.
Box or similar container. A. T. Golinik. Des. 72,207; Mar. 15.
Bracelet, Expanding. F. and E. Jones. 1,621,205; Mar. 15.
Bracelet hook. A. F. Kraemer. 1,621,325; Mar. 15.
Brake: *See*—
Vehicle brake.
Brake. P. Bastien. 1,620,752; Mar. 15.
Brake. R. S. Sanford. 1,620,921; Mar. 15.
Brake mechanism, Emergency. C. Reber. 1,621,431; Mar. 15.
Brake-hand-adjusting device. J. A. Dommer. 1,621,004; Mar. 15.
Braking system. W. S. H. Hamilton. 1,621,403; Mar. 15.
Bridge, Submerged. W. Blanchard. 1,620,716; Mar. 15.
Briquettes, Press for making. H. Apfelbeck. 1,620,621; Mar. 15.
Broom. W. C. Read. 1,621,273; Mar. 15.
Brush. I. E. Rice. 1,620,783; Mar. 15.
Brush, Fountain. W. K. Rockman. 1,621,432; Mar. 15.
Buffer, Multiply. F. L. Ierges. 1,620,708; Mar. 15.
Burial casket. F. N. Watt. 1,620,845; Mar. 15.
Burner: *See*—
Liquid-fuel burner. Oil burner.
Burner. J. H. Nutter. 1,620,676; Mar. 15.
Burner. F. V. Risinger. Re16,574; Mar. 15.
Burner. O. A. Toftteen. 1,621,092; Mar. 15.
Burning or calcining materials, Apparatus for. H. M. Robertson. 1,621,222; Mar. 15.
Cable-operated conveyer. L. Roan. 1,620,785; Mar. 15.
Cables through pipe lines, Device for passing. J. M. and W. H. Thompson. 1,620,788; Mar. 15.
Cage, Cashier's. J. C. McCormack. 1,621,124; Mar. 15.
Calendar, Perpetual. W. C. Hiering. 1,621,067; Mar. 15.
Camera and projector, Moving-picture. F. E. Oller. 1,621,024; Mar. 15.
Camera and the like, Motion-picture. A. S. Howell. 1,620,726; Mar. 15.
Camera, Photographic. A. S. Howell. 1,620,727; Mar. 15.
Clamping outfit. J. O. Fortin. 1,621,464; Mar. 15.
Can: *See*—
Interior-collar can. Oil can.
Can washer, Hot-water. O. K. Haugen. 1,620,654; Mar. 15.
Cans, Machine for straightening and grooving. B. A. Mohr. 1,621,079; Mar. 15.
Cans preliminary to sealing the cans, Machine for correcting irregularities in flanges of. G. W. Blankenhorn. 1,620,796; Mar. 15.

Candy jar. L. H. Shover. 1,621,283; Mar. 15.
Cannons, Device for firing. E. Bustamante. 1,620,994; Mar. 15.
Cap, Dust. H. J. Hansen. 1,620,887; Mar. 15.
Cap, Knitted. S. S. Sampliner. Des. 72,239; Mar. 15.
Car, Automatic dumping. W. H. Larkin. 1,621,075; Mar. 15.
Car construction. J. F. O'Connor. 1,620,679; Mar. 15.
Car-control equipment, Safety. G. Macloskie. 1,621,328; Mar. 15.
Car, Dumping. P. Hamel. 1,620,759; Mar. 15.
Car, Load-discharging. A. Campbell. 1,620,948; Mar. 15.
Car retarder. W. Brasack. 1,620,943; Mar. 15.
Car, Sleeping. A. R. Rossman. 1,621,086; Mar. 15.
Car spring plank with brake-beam safety device, Cast-steel freight-. J. E. Hunter. 1,621,014; Mar. 15.
Car underframe, Dump-. W. M. Sheehan. 1,620,839; Mar. 15.
Cars and the like, Metal wall for railway. W. E. Van Dorn. 1,621,293; Mar. 15.
Cars, Antiskid freight-anchoring device for flat. I. L. Friedlaender and S. J. Marx. 1,620,758; Mar. 15.
Cars, Switch and valve control in air and electric coupling systems for. H. E. Van Dorn. 1,621,292; Mar. 15.
Carbon scraper. G. D. Lawson. 1,620,822; Mar. 15.
Carburetor. F. C. Mock, C. J. Gustafson, and M. E. Chandler. 1,620,827; Mar. 15.
Carburetor. R. M. Tangye. 1,620,925; Mar. 15.
Carburetor. A. E. Weaver. 1,620,746; Mar. 15.
Carburetor, Furnace. R. J. Hansen. 1,620,966; Mar. 15.
Card holder. C. Bergmann. 1,621,393; Mar. 15.
Carrier: *See*—
Golf-stick carrier.
Carton. G. Urban, jr. 1,620,789; Mar. 15.
Carton, Display. C. C. Miller. 1,620,673; Mar. 15.
Case: *See*—
Display case. Filing case.
Casing for a weight-printing machine. V. F. Slezak. Des. 72,246; Mar. 15.
Casing head. J. E. Hitchcock. 1,620,888; Mar. 15.
Casing protector. J. T. Wilcox. 1,620,933; Mar. 15.
Casing, Transformer. L. C. Nichols. 1,620,983; Mar. 15.
Caster. W. F. Herold. 1,620,657–8; Mar. 15.
Casting metals, Mold for. W. H. Smith. 1,621,472; Mar. 15.
Casting reel. J. Dodd. 1,621,003; Mar. 15.
Cellulose composition. W. G. Lindsay. 1,620,977; Mar. 15.
Cellulose-containing materials, Altering viscosity of. H. P. Bassett. 1,620,938; Mar. 15.
Chain. E. Speidel. 1,621,287; Mar. 15.
Chair: *See*—
Twin chair.
Chair and swing, Collapsible. O. Hawkins. 1,621,367; Mar. 15.
Charcoal, Preparing a highly-active. O. Ernst and O. Nicodemus. 1,621,195; Mar. 15.
Check. J. Bullock. 1,621,457; Mar. 15.
Check protector. J. A. Kindle. 1,621,416; Mar. 15.
Cigar-bunching machine. W. H. Schussler. 1,621,088; Mar. 15.
Circuit interrupters, Separating device for. T. S. Pukerud. 1,621,026; Mar. 15.
Clamps, Hanger for ear. G. V. Miller. 1,620,674; Mar. 15.
Clasp. A. Fricker. 1,621,008; Mar. 15.
Cleaner: *See*—
Air cleaner.
Cleaning apparatus, Snow-. J. W. Dillahunt. 1,621,156; Mar. 15.
Clip: *See*—
Partition-holding clip.
Clothes peg. H. J. and J. A. H. Drew, and J. F. Gardiner. 1,621,108; Mar. 15.
Clothesline connection. S. J. Walaschek. 1,620,928; Mar. 15.
Clutch, Magnetic. J. W. Thropp. 1,621,383; Mar. 15.
Coal, Method of and apparatus for breaking. P. G. Seigle. and G. E. Dean. 1,620,838; Mar. 15.
Coaster, Child's. J. J. Behm. 1,620,939; Mar. 15.
Coaster-track structure. H. P. Schmeck. 1,621,337; Mar. 15.
Coaster wagon. H. A. Trullinger. 1,620,926; Mar. 15.
Coating inner surfaces of hollow bodies. R. P. Jackson. 1,621,016; Mar. 15.
Cock, Plug. T. H. Addie. 1,620,628; Mar. 15.
Cocoa, chocolate, and the like, Manufacture of. H. Horn. 1,621,409; Mar. 15.
Coin-controlled lock. H. C. Beebe. 1,621,100; Mar. 15.
Coin-operated machine, Automatic. G. R. Barr. 1,621,230; Mar. 15.
Coil winder. A. J. Fathauer. 1,620,879; Mar. 15.
Collapsible tube. S. J. Zammataro. 1,621,097; Mar. 15.
Comb: *See*—
Hair comb.
Comb. A. A. Einett. 1,621,005; Mar. 15.
Comminuting mill. R. C. Newhouse. 1,620,982; Mar. 15.
Composition of matter. R. P. Drummond. 1,620,877; Mar. 15.
Compressor. J. O. Carrey. 1,620,870; Mar. 15.
Condenser. J. H. Smith. 1,621,089; Mar. 15.
Condenser and oil separator, Combination. F. C. Bell. 1,620,713; Mar. 15.
Condenser, Variable. T. T. Rodgers, M. A. Giblin, F. K. Moore, and G. T. Moore. 1,621,379; Mar. 15.
Confection-filling machine. C. G. Hall. 1,621,010; Mar. 15.
Container. H. L. Beach. 1,621,451; Mar. 15.
Container, N. S. Hillyard. 1,621,252; Mar. 15.
Containers, Discharge mechanism for. A. Janer. 1,620,892; Mar. 15.
Control system. J. W. Thropp. 1,621,384; Mar. 15.
Controlling device. H. E. Campbell. 1,621,233; Mar. 15.
Copy-holding apparatus. P. Grabler. 1,620,961; Mar. 15.
Corn popper. J. A. Jackson. 1,620,765; Mar. 15.
Corn-popping machine. F. A. Hill. 1,621,118; Mar. 15.
Cosmetic jar. A. Orzo. Des. 72,249; Mar. 15.
Cotter pin. E. W. Beatty. 1,621,346; Mar. 15.
Counting mechanism in machines for franking postal matter and the like, Driving device of. U. Kohler. 1,620,665; Mar. 15.
Coupler for miner's cars, Automatic. T. Kolinger and L. Habunek. 1,621,419; Mar. 15.
Coupling: *See*—
Friction coupling.
Cover or similar article, Lace. S. N. Mallouk. Des. 72,227–34; Mar. 15.
Creasing and folding machine. F. Thomas. 1,620,986; Mar. 15.
Cross arm. C. W. Cassels. 1,620,949; Mar. 15.
Crossing gate. J. Honor. 1,621,370; Mar. 15.
Crutch. R. N. Hunter. 1,621,255; Mar. 15.
Cup: *See*—
Lubricating cup.
Cup dispenser. J. W. Anderson and W. B. Rice. 1,621,098; Mar. 15.
Cup or similar article. C. H. Walker. Des. 72,248; Mar. 15.
Curtain fixture. J. S. Eagan. 1,621,243; Mar. 15.
Curtain pull. C. W. Smith. 1,620,741; Mar. 15.
Cutter: *See*—
Lens cutter. Twine and rope cutter.
Milling cutter.
Dental apparatus. E. S. Brothers. 1,620,990; Mar. 15.
Dental fastening means. A. K. Simmons. 1,621,175; Mar. 15.
Desk construction. J. A. Hughes. 1,621,324; Mar. 15.
Diagnostic instrument. H. L. De Zeng. 1,621,461; Mar. 15.
Dielectric carbon compounds by means of ionized gases, Bringing about physical and chemical changes in. H. E. R. Vogel. 1,621,143; Mar. 15.
Direction signal, Automobile. G. Schock. 1,621,338; Mar. 15.
Disk bit. W. S. Holdaway. 1,620,889; Mar. 15.
Dispensing device, Article-. J. C. Jensen and O. L. Miles. 1,620,706; Mar. 15.
Dispensing-tube holder. B. F. Baker. 1,620,748; Mar. 15.
Display case, Handkerchief-. R. W. Eldridge. 1,620,808; Mar. 15.
Display container. H. A. Feigelman. 1,620,810; Mar. 15.
Display device. Z. D. Brumberg. 1,620,944; Mar. 15.
Display rack. J. C. Hammes. 1,621,465; Mar. 15.
Display pedestal. E. P. Seidel. Des. 72,242; Mar. 15.
Display sign, Advertising-. C. D. Winters. 1,621,096; Mar. 15.
Distillation. D. M. Allan. 1,621,229; Mar. 15.
Dolly or the like, Lace. S. N. Mallouk. Des. 72,219; Mar. 15.
Doll eyes, Attaching. A. Konoff. 1,621,073; Mar. 15.
Doll, Musical. H. D. Du Bois. 1,621,157; Mar. 15.
Doll, Paper-. M. T. Basinger. 1,621,231; Mar. 15.
Doll's eye with locking mechanism. W. Sörgel. 1,621,139; Mar. 15.
Doll's eyes with lashes. A. Konoff. 1,620,667; Mar. 15.
Doll's limb. I. A. Rommer. 1,621,434; Mar. 15.
Doorcheck. H. E. Anderson. 1,621,305; Mar. 15.
Doorknob fastener. W. R. Schlage. 1,621,174; Mar. 15.
Door knocker. R. M. Pickard. Des. 72,236; Mar. 15.
Door-mortising machine. R. L. Carter. 1,621,061; Mar. 15.
Door opening and closing mechanism. J. A. Crewes. 1,621,459; Mar. 15.
Doors, Device for facilitating the fitting and hanging of. G. Hobbisiefken. 1,620,971; Mar. 15.
Drags, Drawbar for. D. Schmidt. 1,621,031; Mar. 15.
Drain device. J. L. Hutchings. 1,621,164; Mar. 15.
Drain plug or valve for containers. G. P. Hawes, jr. 1,621,251; Mar. 15.
Dress. M. Siegel. Des. 72,244; Mar. 15.
Drill: *See*—
Rock drill.
Drill-rod device, Antislip. L. Orwig. 1,620,913; Mar. 15.
Drilling and countersinking tool. M. B. Wilder. 1,620,848; Mar. 15.
Drilling device, Rock-. E. G. Gartin. 1,620,885; Mar. 15.
Drilling device, Wire-cable well-. F. F. Davis. 1,621,191; Mar. 15.
Drive mechanism. E. A. Slater. 1,621,038; Mar. 15.
Dumping appliance. J. J. Dougherty. 1,621,462; Mar. 15.
Dyeing skeins, Apparatus for. O. T. Dehle. 1,621,238; Mar. 15.

Dynamos of variable speed and load, Regulating the voltage of. H. Bénit. 1,621,452; Mar. 15.
Educational device. A. E. MacQuarrie. 1,621,262; Mar. 15.
Ejector, Saliva. J. R. MacKinnon. 1,620,773; Mar. 15.
Electric cell. C. Féry. 1,621,481; Mar. 15.
Electric-circuit making and breaking relay. R. Hase. 1,620,967; Mar. 15.
Electric condenser. O. Burger. 1,621,058; Mar. 15.
Electric condenser, variometer, and the like, Variable. A. F. Holliday. 1,621,253; Mar. 15.
Electric current, Apparatus for controlling and distributing. E. Roucayrol. 1,621,279; Mar. 15.
Electric fires, radiators, and the like, Heating element for. H. H. Berry and J. W. Reid. 1,620,627; Mar. 15.
Electric fixture. M. K. Maxwell. 1,620,909; Mar. 15.
Electric generator. B. P. Remy. 1,621,469; Mar 15.
Electric heater. A. Johnson. 1,620,767; Mar. 15.
Electric impulses, Method of and device for transmitting. E. A. Faller and E. E. Kleinschmidt. 1,620,638; Mar. 15.
Electric-light fixture. G. Lipschutz. Des. 72,215; Mar. 15.
Electric switch. J. D. Hilliard. 1,621,369; Mar. 15.
Electric switch gear of the draw-out type, Metal-clad. W. Anderson and H. W. Clothier. 1,620,792; Mar. 15.
Electrical measuring instrument. R. G. Arey. 1,620,622; Mar. 15.
Electrical oscillations, Receiving system for high-frequency. A. H. Taylor and L. C. Young. 1,621,037; Mar. 15.
Electrode, High-frequency vesical. M. Molony. 1,620,828; Mar. 15.
Electrode-holding device. R. P. Schwartz. 1,620,837; Mar. 15.
Electromagnetic apparatus for recording sound. A. F. Sykes. 1,621,180; Mar. 15.
Electromagnetic device. G. W. Elmen. 1,620,878; Mar. 15.
Electromagnetic sound reproducer. C. A. Brigham. 1,620,631; Mar. 15.
Elevator buckets, Implement for reshaping distorted. C. F. Porter. 1,620,920; Mar. 15.
Engine: *See*—
Internal-combustion engine.
Engine starter. O. Brisbois. 1,621,102; Mar. 15.
Engines, Attachment for internal-combustion. J. E. Niles. 1,621,376; Mar. 15.
Engines, Automatic inflator arranged on and actuated by internal-combustion. H. Surlemont. 1,621,179; Mar. 15.
Engines, Fluid-operable lubricator and feeder for. F. K. Murphy and R. W. Retterer. 1,620,911; Mar. 15.
Engines, Fuel-supply means for combustion. J. Good. 1,620,645; Mar. 15.
Engines, Speed-controlling apparatus for. E. T. Hull. 1,620,764; Mar. 15.
Engines, Speed-controlling apparatus for internal-combustion. E. T. Hull. 1,620,763; Mar. 15.
Engines, Starting device for internal-combustion. V. R. Clark. 1,620,998; Mar. 15.
Engines, Starting system for internal-combustion. F. Allison. 1,620,747; Mar. 15.
Engines, Temperature-controlling apparatus for internal-combustion. F. M. Furber. 1,621,064–5; Mar. 15.
Engines, Valve construction for gas. E. B. Rodgers. 1,621,485; Mar. 15.
Engraving machine. E. H. Kuhlman. 1,620,975; Mar. 15.
Engraving or like machine. W. S. Eaton. 1,621,317; Mar. 15.
Envelope, Pyraline document-holding. C. J. Gutberlet. 1,620,962; Mar. 15.
Exercising device. H. E. Minnich. 1,620,910; Mar. 15.
Expanding tool. A. A. Roesch. 1,621,335; Mar. 15.
Explosive. A. Segay. 1,620,696; Mar. 15.
Explosive composition. F. H. Bergeim. 1,620,715; Mar. 15.
Extension table. A. Rasanick. 1,621,083; Mar. 15.
Extension unit. W. G. Reeves. 1,621,275; Mar. 15.
Eye set. A. Konoff. 1,621,072; Mar. 15.
Fabric, Repairing torn. G. Gallopin. 1,620,884; Mar. 15.
Fan wheel. G. G. Currie. 1,620,875; Mar. 15.
Farm gate. J. C. Schulte. 1,620,786; Mar. 15.
Fastener or jamb nail, Metallic. G. Olson. 1,621,213; Mar. 15.
Fastener, Springless. A. Rubin. 1,621,087; Mar. 15.
Fastening device. O. J. Craig. 1,620,874; Mar. 15.
Feed regulator. G. G. Merchen. 1,621,022; Mar. 15.
Feeder and exerciser, Poultry. H. J. Pauley. 1,620,686; Mar. 15.
Feeding device for roll stationery. H. H. Konerman and A. E. Imbus. 1,620,666; Mar. 15.
Fender rack. W. N. Vance. 1,620,841; Mar. 15.
Fertilizers, Manufacture of. G. Claude. 1,621,311; Mar. 15.
Filing case. A. H. Andersson. 1,621,304; Mar. 15.
Filler for the panels of animal pens. C. O. Lesher. 1,620,976; Mar. 15.
Films in projection apparatus, Driving gear for. W. Reichmann. 1,621,334; Mar. 15.
Films or the like, Process and device for the development, fixing, washing, etc., of photographic or cinematographic. N. A. Unger. 1,621,291; Mar. 15.
Filter. M. Herschkowitsch and P. Prausnitz. 1,620,815; Mar. 15.
Filtering device. J. James. 1,621,413; Mar. 15.
Finger ring. J. Dinhofer. Des. 72,204; Mar. 15.
Fire brick. O. Nygaard. 1,621,267; Mar. 15.
Fire-control apparatus. J. B. Henderson. 1,621,201; Mar. 15.
Fireplace heater. T. A. Sala. 1,621,135; Mar. 15.
Fish and the like, Handling and preserving. D. E. Knowlton and E. W. Donnigan. 1,621,257; Mar. 15.
Fish lure. F. W. Hobbs. 1,620,972; Mar. 15.
Fish trap. P. M. Joyal. 1,621,017; Mar. 15.
Fishway. W. C. Landau. 1,621,170; Mar. 15.
Flue stopper. W. H. Southard. 1,620,840; Mar. 15.
Fluid-controlling mechanism. J. P. Fisher. 1,620,881; Mar. 15.
Fly wheel and balancing same. J. O. Carrey. 1,620,871; Mar. 15.
Food product. A. E. Kidd, jr. 1,620,898; Mar. 15.
Foot rest. G. E. Long. 1,621,423; Mar. 15.
Frame: *See*—
Awning frame. Side frame.
Land-roller frame. Tube frame.
Sash frame.
Frames, Suspension means for tube. E. F. Hathaway. 1,621,406; Mar. 15.
Freezing press. J. G. Burns and H. S. Davis. 1,620,993; Mar. 15.
Friction coupling, Centrifugal. J. M. Hals. 1,621,366; Mar. 15.
Furnace: *See*—
Open-hearth furnace.
Furnace. R. K. Dawson. 1,620,805; Mar. 15.
Furnace. W. C. Drake. 1,621,241; Mar. 15.
Furnace. S. French. 1,620,883; Mar. 15.
Furnace. F. E. Grunwaldt. 1,621,066; Mar. 15.
Furs, Apparatus for cutting. C. J. Solomon. 1,621,285; Mar. 15.
Fuse, Electric. G. R. Brown. 1,621,349; Mar. 15.
Gaiter. H. Bunnenberg. 1,621,153; Mar. 15.
Game. W. H. Booth. 1,620,866; Mar. 15.
Game. L. B. Spafford. 1,620,742; Mar. 15.
Game, Animated-figure scoring. H. A. Okel. 1,620,912; Mar. 15.
Game board. B. F. Bain. 1,621,185; Mar. 15.
Garment construction. N. Zuck. 1,620,853; Mar. 15.
Garment hanger. C. H. Fisher. 1,621,160; Mar. 15.
Garment presser. O. L. Lance. 1,621,116; Mar. 15.
Gas-generating machines, Ascertaining, increasing, and maintaining the efficiency of water-. M. E. Benesh. 1,620,864; Mar. 15.
Gas pressure, Device for regulating. G. Wünsch. 1,620,707; Mar. 15.
Gasoline gauge. J. D. Reekie. 1,621,274; Mar. 15.
Gate: *See*—
Crossing gate. Farm gate.
Gauge: *See*—
Gasoline gauge. Pressure gauge.
Gear-generating machines, Work-setting means for. E. R. Fellows. 1,620,811; Mar. 15.
Gearing. J. T. Williams. 1,620,849; Mar. 15.
Gearing, Transmission. C. E. F. Ahlm. 1,620,854–9; Mar. 15.
Gearing, Variable-speed. J. F. Gaylord. 1,620,724; Mar. 15.
Gears, shafts, and other articles, Machine for hobbing. C. H. Schurr. 1,621,223; Mar. 15.
Generator: *See*—
Electric generator.
Glass and apparatus therefor, Grinding and polishing. F. B. Waldron. 1,621,296; Mar. 15.
Glass and apparatus therefor, Polishing. F. B. Waldron. 1,621,297; Mar. 15.
Glass, Apparatus for producing mold charges of molten. W. J. Miller. 1,621,426; Mar. 15.
Glass-working machine. J. T. Fagan and J. J. Malloy. 1,621,359; Mar. 15.
Glove. H. Gillian. 1,620,643; Mar. 15.
Goblet. V. V. Loomis. Des. 72,216; Mar. 15.
Goblet or similar article. J. H. Venon. Des. 72,247; Mar. 15.
Golf bag. A. D. Cross. 1,621,107; Mar. 15.
Golf game. H. D. Brewer. 1,621,057; Mar. 15.
Golf-stick carrier. A. W. Malone. 1,621,329; Mar. 15.
Governor, Auto stop. J. P. Rigsby. 1,621,084; Mar. 15.
Grain cleaning and grading machine. P. D. Blackden. 1,620,865; Mar. 15.
Grain mixer. E. L. Benzel. 1,621,307; Mar. 15.
Grate, Furnace. J. T. Willard. 1,621,390; Mar. 15.
Grate section. W. Wyand. 1,621,302; Mar. 15.
Grating. A. E. Wells. 1,620,846; Mar. 15.
Grease gun. M. C. Bersted. 1,621,308; Mar. 15.
Grease gun. P. MacKenzie. 1,621,172; Mar. 15.
Grinder, Clinker. F. Hodgkinson. 1,620,659; Mar. 15.
Grinder, Cocoa and chocolate. O. Thurmann. 1,620,702; Mar. 15.
Grinding, milling, or boring machines and the like, Feeding device for. C. O. Weber. 1,621,145; Mar. 15.
Grinding plane surfaces, Apparatus for. J. W. Cruikshank. 1,621,286; Mar. 15.
Gun carriages, Crank axle for. H. C. Zimmerman. 1,620,852; Mar. 15.
Gun, Lubricating. C. W. Manzel. 1,620,824; Mar. 15.
Gun mount. S. G. Green and J. S. Hatcher. 1,621,365; Mar. 15.

Guns, Rear sight for. S. G. Green. 1,621,476; Mar. 15.
Guns, Traversing gear for. H. C. Zimmerman. 1,620,851; Mar. 15.
Gymnastic apparatus. J. Pilates. 1,621,477; Mar. 15.
Gypsum product and producing same. L. M. Parkhurst. 1,620,915; Mar. 15.
Hair comb. J. W. Meek. 1,621,425; Mar. 15.
Hair comb. J. S. Pickford. 1,621,269; Mar. 15.
Hair curler. M. C. Conant and C. Seely. 1,620,722; Mar. 15.
Hammer or riveter, Power-driven. H. P. Brumell. 1,621,103; Mar. 15.
Hammers, Tool attachment for. L. W. Shaver. 1,620,923; Mar. 15.
Handle: *See*—
Basket handle. Vault handle.
Hanger: *See*—
Garment hanger. Window hanger.
Harrow weight-distributing device. R. L. Barton. 1,620,794; Mar. 15.
Headlight. O. Ritz. 1,621,085; Mar. 15.
Headlight. C. N. Scott. 1,621,224; Mar. 15.
Headlight control. T. J. Moan. 1,620,675; Mar. 15.
Headlight lens. J. Cathrill. 1,620,872; Mar. 15.
Headlight-rim wrench. C. H. Presho. 1,620,739; Mar. 15.
Headlight shield. F. J. Topping. 1,621,181; Mar. 15.
Heater: *See*—
Electric heater. Water heater.
Fireplace heater.
Heater and stove, Electric. J. J. Libi. 1,621,171; Mar. 15.
Heater for automobiles. H. Hanson. 1,621,199; Mar. 15.
Heating elastic-fluid prime-mover installation, Industrial-. A. Bosch. 1,621,435; Mar. 15.
Heating system for power-plants, Water-. R. N. Ehrhart. 1,620,807; Mar. 15.
Heating unit and heating system for kilns. M. L. Mueller. 1,621,333; Mar. 15.
Hinge. E. L. Teich. 1,620,701; Mar. 15.
Hinge, Casement. F. W. Young. 1,621,047; Mar. 15.
Hitch. D. W. Koehn. 1,621,418; Mar. 15.
Home trainer R. E. Lee. 1,621,120; Mar. 15.
Hook: *See*—
Bracelet hook. Log-loading hook.
Hosiery and making same, Seamless. J. C. Williams. 1,621,343; Mar. 15.
House: *See*—
Tropical house.
Hulling green peas. J. Goffin. 1,620,644; Mar. 15.
Humidifying device. J. Phillips. 1,621,430; Mar. 15.
Identification device, Automobile S. K. Wood. 1,620,791; Mar. 15.
Ignition apparatus. S. Alsop. 1,620,861; Mar. 15.
Ignition timer. H. L. Joyce. 1,621,115; Mar. 15.
Impervious material, Producing. W. F. Bleecker. 1,620,940; Mar. 15.
Impulse system of control. E. Roučka. 1,621,280; Mar. 15.
Impulses of predetermined different durations, System of control by. A. D. Trenor. 1,620,987; Mar. 15.
Indicating time, Device for. F. C. Meacham. 1,620,980; Mar. 15.
Indicator: *See*—
Liquid-level indicator. Position indicator.
Inflatable ball. A. J. Turner. 1,621,043; Mar. 15.
Ingot mold. E. Gathmann. 1,621,402; Mar. 15.
Insulator. S. C. Cutter. 1,620,804; Mar. 15.
Insulator. W. T. Goddard. 1,621,246; Mar. 15.
Insulator, Terminal. H. W. I. Royal. 1,620,693; Mar 15.
Insulator, Molding strain. F. H. Tupper. 1,621,042; Mar. 15.
Interior-collar can. M. E. Widell. 1,621,389; Mar. 15.
Internal-combustion engine. A. J. Baker. 1,620,936; Mar. 15.
Internal-combustion engine. G. R. Davenport. 1,621,155; Mar. 15.
Internal-combustion engine. C. L. Lawrance. 1,621,326; Mar. 15.
Internal-combustion engine. C. W. Pendock. 1,620,917; Mar. 15.
Internal-combustion engine. F. R. Porter. 1,620,832; Mar. 15.
Ironing boards, Receptacle for. A. Sondack. 1,621,090; Mar. 15.
Jack: *See*—
Lifting jack. Pump jack.
Jack. A. J. Carter. 1,620,755; Mar. 15.
Jar: *See*—
Candy jar.
Jar-opening device. T. E. Welsh. 1,620,706; Mar. 15.
Jars, Method and apparatus for sealing fruit. F. Reinbold. 1,621,132; Mar. 15.
Jig, Reaming. M. I. Seiler. 1,621,137; Mar. 15.
Joint: *See*—
Universal joint.
Jointer head. V. P. Whisler. 1,620,847; Mar. 15.
Joints, Apparatus for building. D. M. Simons. 1,620,740; Mar. 15.
Kites, Trolley for. W. L. Brown, 4th. 1,620,991; Mar. 15.
Knitting machines, Axleless loop wheel for circular-. E. Saupe. 1,621,130; Mar. 15.
Knitting machines, Stop motion for. F. Crawford, sr. 1,621,307; Mar. 15.
Label, Combination. L. Reiss. 1,620,833; Mar. 15.
Lamp. J. Lieberman. Des. 72,214; Mar. 15.
Lamp fixture. E. A. Ermold. Des. 72,205; Mar. 15.
Lamp, Incandescent. R. N. Falge. 1,621,360; Mar. 15.
Lamps, Locking attachment for incandescent. T. E. Vogt. 1,621,341; Mar. 15.
Land-roller frame. J. F. Wagner. 1,621,295; Mar. 15.
Lantern. G. F. Hitchcock. 1,620,970; Mar. 15.
Lantern, Collapsible. K. K. Friedrich. 1,620,640; Mar. 15.
Lantern, Electric hand. J. Van Rensselaer, jr. 1,620,842; Mar. 15.
Lasts, Assembling. W. A. Krentler. 1,621,208; Mar. 15.
Latch, Door. A. A. Schaeffer. 1,621,437; Mar. 15.
Latch, Elevator-door. W. A. Williams. 1,621,391; Mar. 15.
Laundry checking device. E. Lane. 1,621,259; Mar. 15.
Leers, Carrying-in device for. E. R. Odom. 1,620,778; Mar. 15.
Lens cutter. A. E. Maynard. 1,621,331; Mar. 15.
Let-off device. T. J. Garisio. 1,620,641; Mar. 15.
License holder. H. E. Butler. 1,620,798; Mar. 15.
License-plate unit. A. H. Humphrey. 1,621,411; Mar. 15.
Life-saving devices, Inflating apparatus for. R. H. Campbell. 1,621,458; Mar. 15.
Lifter: *See*—
Valve lifter.
Lifting jack. I. E. Dearsley. 1,621,314; Mar. 15.
Light-reflecting means. C. B. Roebken. 1,621,029; Mar. 15.
Light reflector. A. S. Crandall. 1,621,312; Mar. 15.
Lighter. C. E. McManaman. 1,621,373; Mar. 15.
Lighting fixture. E. F. Guth. 1,620,963; Mar. 15.
Lighting-fixture backplate. G. Rabinowitz. Des. 72,238; Mar. 15.
Lighting system, Miniature-stage-. G. L. Hall. 1,621,248; Mar. 15.
Lighting the landing place from aerial craft, Apparatus for. M. Künzer. 1,621,421; Mar. 15.
Liquid-feeding apparatus for preparing a moist cementitious mixture or mass. O. E. Bornhauser and J. E. Herman. 1,621,310; Mar. 15.
Liquid-fuel burner. O. White. 1,620,932; Mar. 15.
Liquid-level indicator. P. S. Mable. 1,620,823; Mar. 15.
Liquids and gases, Apparatus for separating. K. W. Bartlett. 1,620,750; Mar. 15.
Livestock, Treating. C. O. Nelson. 1,621,131; Mar. 15.
Loading device. D. Briggle. 1,621,151; Mar. 15.
Lock: *See*—
Coin-controlled lock. Telephone lock.
Steering-wheel lock. Window lock.
Tank lock.
Lock. W. C. Ferris. 1,620,757; Mar. 15.
Lock. N. Lappas. 1,621,422; Mar. 15.
Lock. C. F. Mellink. 1,620,775; Mar. 15.
Lock. M. Suzuki. 1,621,036; Mar. 15.
Locomotive, Mallet. E. M. Shannon. 1,621,339; Mar. 15.
Locomotives, Steam-pipe support for articulated. J. C. Maris and H. K. Harwick. 1,621,330; Mar. 15.
Log-loading hook. W. Salisbury. 1,621,030; Mar. 15.
Loom dobbles, Multiple-weave motion for. W. H. Wakefield. 1,621,045; Mar. 15.
Loom for weaving. J. Gabler. 1,620,723; Mar. 15.
Loom frog. H. A. Davis. 1,620,954; Mar. 15.
Loom temple roll. W. I. Stimpson. 1,621,177; Mar. 15.
Loom transferrers, Combined latch and weft detector for. K. J. Unwin. 1,621,044; Mar. 15.
Loom, Weft-replenishing. C. H. Draper. 1,621,242; Mar. 15.
Looms, Electric stop motion for. J. Donnelly. 1,621,358; Mar. 15.
Looms, Electrical stop mechanism for. F. F. Schmiege. 1,620,836; Mar. 15.
Lubricating cup. J. G. Mueller and C. A. and H. M. Granzow. 1,621,129; Mar. 15.
Mat or the like, Lace. S. N. Mallouk. Des. 72,220; Mar. 15.
Mat or the like, Lace. S. N. Mullouk. Des. 72,222–3; Mar. 15.
Mat or the like, Lace. S. N. Mallouk. Des. 72,225; Mar. 15.
Match safes and the like, Mechanism for filling. J. C. Donnelly. 1,621,316; Mar. 15.
Mattress and bed protector. W. R. Blissitt. 1,621,149; Mar. 15.
Measuring funnel. J. J. Reiling. 1,620,689; Mar. 15.
Measuring instrument. B. P. Currier. 1,621,352; Mar. 15.
Mechanical apparatus. S. Hinds. 1,621,202; Mar. 15.
Mechanical integrating device and applications of the same, chiefly to a navigation-course recorder. C. F. J. M. Bertin. 1,621,394; Mar. 15.
Metal bodies, Method of and apparatus for centrifugally casting. W. D. Moore and W. Morgan. 1,620,829–30; Mar. 15.
Meter: *See*—
Power-factor meter. Pulsation-compensated meter.
Meters, Pressure temperature compensator and slip integrator for. C. R. Houghton. 1,621,208; Mar. 15.
Milk bottle and cap, Sanitary. C. J. Chase. 1,620,997; Mar. 15.
Milking machine. R. C. Pessell. 1,620,916; Mar. 15.
Mill: *See*—
Comminuting mill. Rolling mill.
Mill with a particularly-arranged feed roller, Three-roller sugar-cane. A. M. Jan Meesters. 1,621,007; Mar. 15.

Milling cutter. S. J. Welter. 1,621,226; Mar. 15.
Mine door. T. E. Littlejohn. 1,620,669; Mar. 15.
Mixer: *See*—
Grain mixer.
Mixing machine. N. M. Anderson. 1,621,345; Mar. 15.
Moistener and sealer device. J. A. Mitchell and L. J. Zahn. 1,621,078; Mar. 15.
Mold: *See*—
Ingot mold.
Mold and making the same. W. M. Sheffield. 1,621,281; Mar. 15.
Molds, Charging device for tilting. W. D. Moore. 1,620,831; Mar. 15.
Molding machine. W. J. Irwin. 1,621,114; Mar. 15.
Motor-control system. A. L. Harvey and N. K. Andersen. 1,621,011; Mar. 15.
Motors, Overload device for alternating-current. C. H. Rippl. 1,621,173; Mar. 15.
Multigraph machines, Plate for. E. Preisler. 1,621,271; Mar. 15.
Musical instruments, Playing percussion. A. Angyal. 1,621,449; Mar. 15.
Nailing machine. E. R. Pope. 1,620,782; Mar. 15.
N-butyl ethyl barbituric substance. E. H. Volwiler. 1,621,094; Mar. 15.
Necktie and lining. S. Rutenberg. 1,621,336; Mar. 15.
Nipple. A. Russo. 1,621,134; Mar. 15.
Nut-applying device. A. Goetting. 1,620,960; Mar. 15.
Oil and gas separator. D. G. Lorraine. 1,620,771; Mar. 15.
Oil atomizer. J. J. Babka. 1,620,625; Mar. 15.
Oil burner. D. M. Boyd and W. C. Capen. 1,620,754; Mar. 15.
Oil burner. A. R. Clizbe. 1,621,063; Mar. 15.
Oil burner. G. H. Crowell. 1,621,313; Mar. 15.
Oil burner, Automatic mechanically-operated. M. A. Williams. 1,621,447; Mar. 15.
Oil can. P. H. Fontaine. 1,621,362; Mar. 15.
Oil, Fuel. F. L. Dietz. 1,620,635; Mar. 15.
Oil regulator. A. N. Turnquist. 1,621,444; Mar. 15.
Oil, Soluble. M. Dimmig. 1,621,483; Mar. 15.
Open-hearth furnace. L. L. Knox. 1,621,258; Mar. 15.
Ore-treating system. A. L. Blomfield. 1,621,474; Mar. 15.
Ores for flotation, Preparing. H. H. Hendrickson. 1,620,761; Mar. 15.
Ores of lead and zinc, Treating sulphide. N. C. Christensen. 1,620,873; Mar. 15.
Ornament, Pocket. B. B. Lewis and L. M. Levy. 1,620,904; Mar. 15.
Oxides, Producing metallic. G. B. Filmer. 1,620,880; Mar. 15.
Packing. F. T. Agthe. 1,620,989; Mar. 15.
Packing box for siphon pipes. C. H. Atkins. 1,620,862; Mar. 15.
Padlock. H. Biemer. 1,621,347; Mar. 15.
Padlocks, door locks and the like, Keyless combination lock mechanism for. P. Arnati. 1,621,148; Mar. 15.
Pails and the like, Carrier for. G. Polhamus. 1,620,919; Mar. 15.
Pan: *See*—
Baking pan.
Pancake-type variometers, Control for. V. D. Landon. 1,621,018; Mar. 15.
Paper or the like, Process and apparatus for making. C. H. Allen. 1,620,860; Mar. 15.
Paper sizing. J. A. De Cew. 1,621,399; Mar. 15.
Partition-holding clip. E. A. Peterson. 1,620,737; Mar. 15.
Partition, Metal. R. F. Carpenter and T. F. Anderson. 1,621,060; Mar. 15.
Passages between chambers, Formation of. H. C. Zimmerman. 1,620,850; Mar. 15.
Pen, Fountain. W. F. Benson. 1,620,626; Mar. 15.
Pen, Fountain. M. Katz. 1,621,166; Mar. 15.
Pen nib. H. S. Aramian. 1,621,450; Mar. 15.
Pens and the like, Holders for fountain. P. T. Webb. 1,620,930; Mar. 15.
Pencil. F. B. Ackermann, W. C. Steffan, and W. J. Greiner. 1,621,048; Mar. 15.
Perforating apparatus. A. Barbieri. 1,620,711; Mar. 15.
Petroleum hydrocarbons, Method and apparatus for treating. W. M. Cross. 1,621,475; Mar. 15.
Photo-printing cabinet. J. Usnik. 1,620,927; Mar. 15.
Photography, Stereoscopic. J. B. Bullitt. 1,620,992; Mar. 15.
Pickling fruit, etc. J. W. Beckman. 1,621,188; Mar. 15.
Picture frame and stand therefor, Combined. M. Leskiewicz and W. Bartkowiak. Des. 72,212; Mar. 15.
Picture mounting. W. J. Helmquest. Des. 72,211; Mar. 15.
Picture-projecting apparatus, Focusing device for motion-. H. W. Joy. 1,620,768; Mar. 15.
Pie-plate scoop. W. H. De Camp. 1,621,355; Mar. 15.
Pile. E. Bignell. 1,621,232; Mar. 15.
Pile wire. N. H. Fairweather. 1,621,400; Mar. 15.
Pin: *See*—
Cotter pin.
Pipe-line system, Oil-. G. D. Pogue. 1,621,221; Mar. 15.
Pipes, Closure plug for. P. Jackson. 1,620,728; Mar. 15.
Pipes, Coupling for. L. K. Snell. 1,620,924; Mar. 15.
Pitot-static tube. C. H. Colvin. 1,620,633; Mar. 15.
Planer. J. Kandera. 1,620,895; Mar. 15.
Planter and fertilizer-distributing device. G. Marisdale. 1,620,907; Mar. 15.
Plate glass, Method and device for manufacturing. L. von Reis. 1,621,144; Mar. 15.
Plate or similar article. A. Hashagen. Des. 72,209; Mar. 15.
Plow. L. C. Hester. 1,620,969; Mar. 15.
Plug and receptacle, Attachment. G. W. Goodridge. 1,621,364; Mar. 15.
Polish applier, Liquid-. W. A. Clark. 1,620,801; Mar. 15.
Position indicator. H. L. Tanner. 1,621,290; Mar. 15.
Post: *See*—
Back-up post.
Poultry perch, Electric. D. R. McGinnis. 1,621,424; Mar. 15.
Powders of great fineness, Process of and apparatus for obtaining. E. Podszus. 1,621,270; Mar. 15.
Power-factor meter. R. D. Evans. 1,621,006; Mar. 15.
Power-transmission device, Reversible. O. A. Wiberg. 1,621,228; Mar. 15.
Power-transmission system. J. W. Thropp. 1,621,385; Mar. 15.
Press: *See*—
Freezing press.
Pressure gauge. J. F. Griffin. 1,621,320; Mar. 15.
Printing and assembling manifolding books, pads, etc., Apparatus for. H. P. Brown. 1,621,189; Mar. 15.
Printing presses and the like, Automatic throwout mechanism for. C. E. Christophel. 1,620,800; Mar. 15.
Printing presses, Feeding attachment for. D. Belcher. 1,620,863; Mar. 15.
Printing telegraphy. E. E. Kleinschmidt. 1,620,664; Mar. 15.
Propeller-blade mounting. S. Heath. 1,620,968; Mar. 15.
Propelling means. R. Tanner. Re16,573; Mar. 15.
Protector. L. Stuart. 1,620,743; Mar. 15.
Pulp fiber, Manufacturing hollow bodies from. P. E. Winnertz. 1,621,147; Mar. 15.
Pulp-molding machine. F. Foy. 1,621,401; Mar. 15.
Pulsation compensated meter. C. A. Dawley. 1,621,354; Mar. 15.
Pulverizer beater. J. H. Jones. 1,621,256; Mar. 15.
Pump, Deep-well. I. B. Winsor. 1,621,046; Mar. 15.
Pump, Differential piston. E. Vogel. 1,621,142; Mar. 15.
Pump, Double-action oil-well. A. O. Zlun. 1,620,934; Mar. 15.
Pump for motor cars and machinery, Grease and oil. H. E. M. Drummond. 1,621,109; Mar. 15.
Pump jack. L. J. Black. 1,620,795; Mar. 15.
Pump jack. W. G. and K. R. Jensen. 1,621,414; Mar. 15.
Pump-rod support. N. H. Sooy. 1,621,286; Mar. 15.
Punch presses, Automatic sorter for. D. W. Reese. 1,620,687; Mar. 15.
Punching machine. E. A. Munger. 1,621,130; Mar. 15.
Rack: *See*—
Display rack.
Fender rack.
Supporting rack.
Radiator. A. Lamblin. 1,620,769; Mar. 15.
Radiators and the like, Support for. J. F. Broderick. 1,620,632; Mar. 15.
Radiofrequency amplifying system. L. L. Jones. 1,620,661; Mar. 15.
Radio receiving circuit. W. Kaufman. 1,620,973; Mar. 15.
Radio receiving system, Directive. R. A. Heising. 1,620,655; Mar. 15.
Radio system. L. W. Chubb. 1,620,062; Mar. 15.
Radium emanations, Apparatus for administering. H. B. Palmer. 1,620,684; Mar. 15.
Rail anticreeper. A. T. Palmer. 1,620,683; Mar. 15.
Rail-repairing device. J. A. Maher. 1,620,906; Mar. 15.
Rail spike. J. W. Reynolds and C. L. Ball. 1,621,027; Mar. 15.
Railroad crossings, Automatic safety gate for. G. F. Carson. 1,620,799; Mar. 15.
Railroad spikes, Apparatus for driving. J. G. Fogarty. 1,620,812; Mar. 15.
Railway apparatus. A. W. Fisher and W. B. Wells. 1,621,196; Mar. 15.
Railway apparatus. C. S. Snavely and A. W. Fisher. 1,621,197; Mar. 15.
Railway signaling apparatus. A. L. Vencill. 1,620,704; Mar. 15.
Railway switches, Control and indication of. A. T. Johnston. 1,620,893; Mar. 15.
Railway tie, Metallic. A. Mitchell. 1,620,730; Mar. 15.
Railway-traffic-controlling apparatus. R. A. McCann. Re16,571; Mar. 15.
Railway-traffic-governing apparatus. D. W. Richards and H. P. Hancock. 1,620,690; Mar. 15.
Rake. F. E. Richardson. 1,621,276; Mar. 15.
Range, Kitchen. W. Bennett. Des. 72,202; Mar. 15.
Razor. W. Kitzul. 1,620,901; Mar. 15.
Reamer. C. P. Whetmore. 1,621,227; Mar. 15.
Receptacle closure. W. C. Mills. 1,620,825; Mar. 15.
Receptacle, Collapsible. J. B. Curran. 1,620,803; Mar. 15.
Reciprocating mechanism. C. A. McCain. 1,621,263; Mar. 15.
Reel: *See*—
Casting reel.
Reels, Guard for. A. J. Plotz. 1,620,918; Mar. 15.
Reels, Swing lever for sand. C. H. Besse. 1,621,053; Mar. 15.

Refrigerating apparatus. A. Green. 1,621,161; Mar. 15.
Refrigerating apparatus, Absorption. B. C. Von Platen. 1,620,843; Mar. 15.
Refrigerator. H. A. Hawn. 1,621,322; Mar. 15.
Refrigerator-ice-tank support. V. P. Warren. 1,621,387; Mar. 15.
Refrigerator wall. V. P. Warren. 1,621,386; Mar. 15.
Refrigerators, Water cooler for. F. C. Green. 1,621,162; Mar. 15.
Regulator: *See*—
Feed regulator.
Oil regulator.
Voltage regulator.
Regulator system. J. M. Ashbaugh. 1,621,050; Mar. 15.
Relay, Alternating-current. L. H. Peter. 1,620,781; Mar. 15.
Relay, Thermal. W. M. Bradshaw. 1,621,056; Mar. 15.
Relay, Thermal. H. D. Matthews. 1,621,020; Mar. 15.
Rheostat. J. E. Jenkins. 1,621,406; Mar. 15.
Rim contractor and expander. V. Nylund. 1,620,734; Mar. 15.
Rivet-setting machine. A. R. Havener. 1,621,405; Mar. 15.
Road material and the like, Machine for mixing. T. J. Barrett. 1,621,099; Mar. 15.
Road material, Making asphaltic. J. D. Forrester. 1,620,813; Mar. 15.
Rock drill. C. C. Hansen. 1, 621,250; Mar. 15.
Rock drills, Valve for. G. W. Huishizer. 1,621,254; Mar. 15.
Rocking-horse. F. Eichhorst. 1,621,193; Mar. 15.
Roller and brushing device, Combination. F. Maurer. 1,620,774; Mar. 15.
Rolling mill. E. E. Slick. 1,621,284; Mar. 15.
Rotary switch, Periodic. W. N. Olson. 1,621,214; Mar. 15.
Rubber dispension and producing the same. W. B. Pratt. 1,621,408; Mar. 15.
Rubber flap. G. H. Wheatley. 1,621,388; Mar. 15.
Rubber packing upon a cylindrical article, Method and apparatus for vulcanizing. J. C. Crowley. 1,621,000; Mar. 15.
Rubbers, Inside protecting stay for leather-top. L. L. Bean. 1,620,712; Mar. 15.
Running board, Retracting sectional. W. H. Cleveland and C. W. Bothe. 1,621,479; Mar. 15.
Safety device. W. Welp. 1,621,146; Mar. 15.
Safety switch, Electric. B. E. Getchell. 1,620,814; Mar. 15.
Sanitary pad. M. V. Bauer. Re16,570; Mar. 15.
Sash attachment, Window-. H. Huyard. 1,620,817; Mar. 15.
Sash frame. H. C. Mills. 1,621,332; Mar. 15.
Sash-regulating device. O. G. Burch. 1,621,104; Mar. 15.
Saw and square, Combination. R. R. Irvine. 1,620,891; Mar. 15.
Saw oiler. M. Kruse. 1,621,420; Mar. 15.
Scaling and grading fish, Machine for. F. H. Davis and J. W. Klohe. 1,620,953; Mar. 15.
Scarf or the like, Lace. S. N. Mallouk. Des. 72,224; Mar. 15.
Scarf or the like, Lace. S. N. Mallouk. Des. 72,235; Mar. 15.
Scroll-displaying device. D. Hill. 1,621,407; Mar. 15.
Seed, Process and apparatus for germinating. E. J. Stoddard. 1,621,440; Mar. 15.
Separator: *See*—
Oil and gas separator.
Serum and producing same, Modified pneumococcic antigen, antipneumococcic. W. P. Larson. 1,621,117; Mar. 15.
Serums and producing them, Modified bacteria and toxins, immunizing. W. P. Larson. 1,621,118; Mar. 15.
Shackle assembly. H. E. Curtis. 1,620,756; Mar. 15.
Shackle, Resilient. W. A. Geiger. 1,620,642; Mar. 15.
Sheet glass, Transport table for rolled. M. Bicheroux. 1,621,054; Mar. 15.
Sheet metal, Manufacturing. W. E. Ruder. 1,621,380; Mar. 15.
Shock absorber. F. W. Bull. 1,620,945; Mar. 15.
Shock absorber. L. L. Lomar. 1,621,261; Mar. 15.
Shock-absorbing mechanism. S. B. Haseltine. 1,620,650; Mar. 15.
Shock-absorbing mechanism, Friction. A. M. Brenne. 1,620,630; Mar. 15.
Shock-absorbing mechanism, Friction. A. E. Dentler. 1,620,634; Mar. 15.
Shock-absorbing mechanism, Friction. S. B. Haseltine. 1,620,651–3; Mar. 15.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,620,677–8; Mar. 15.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,620,681; Mar. 15.
Shoe-lace fastener. S. R. Shetzline, jr., and E. A. Dodelin. 1,621,282; Mar. 15.
Shoe overall. T. Arnsberg. 1,620,935; Mar. 15.
Shoe sole. J. E. Grosjean. Des. 72,208; Mar. 15.
Shoe stiffeners, Manufacturing. F. Ricks. 1,620,784; Mar. 15.
Shrinking and felting felt articles, Method of and apparatus for. H. A. Genest. 1,620,957; Mar. 15.
Shuttle block. F. H. Stetson. 1,621,439; Mar. 15.
Shuttle for badminton and the like. A. T. Saunders. 1,620,922; Mar. 15.
Shuttle provided with a hand or automatic threading device. C. Bourgeois. 1,621,101; Mar. 15.
Side frame. C. Hankins. 1,621,249; Mar. 15.
Sign. A. H. Humphrey. 1,621,412; Mar. 15.
Sign-display case. H. C. Chevalier. Des. 72,203; Mar. 15.
Signs in the air and product, Producing advertising. J. Reid. 1,621,482; Mar. 15.
Signal: *See*—
Direction signal.
Signal lights to flicker, Device for causing vehicle. S. Gobos. 1,620,959; Mar. 15.
Signal systems, Call switch for hospital. W. P. Crockett. 1,620,951; Mar. 15.
Signaling system, Carrier-wave. H. S. Black. 1,620,629; Mar. 15.
Signaling system, Carrier-wive. R. A. Heising. 1,620,656; Mar. 15.
Signaling system, Multiplex. H. Nyquist. 1,620,735; Mar. 15.
Silica articles, Process and apparatus for producing. H. L. Watson. 1,621,446; Mar. 15.
Skins, leather, and other materials, Apparatus for stretching and drying. E. E. Kornitz. 1,620,821; Mar. 15.
Sleeper anchor. W. E. White. Re16,572; Mar. 15.
Sleeper anchor. W. E. White. 1,621,478; Mar. 15.
Slicing device. A. J. Carlson. 1,620,995; Mar. 15.
Slippers, Cover for ballet. B. S. Bonaventure. 1,621,455; Mar. 15.
Slug-casting machine. J. G. McNamara. 1,620,978; Mar. 15.
Smoke consumer. W. C. Mitchell. 1,620,826; Mar. 15.
Smoker's set. L. H. Herskovitz. Des. 72,210; Mar. 15.
Snap switch, Rotary. G. B. Thomas. 1,621,340; Mar. 15.
Snow cleaner and digger. A. Zilbersher. 1,621,448; Mar. 15.
Snowplow. F. E. Thompson. 1,621,040; Mar. 15.
Socket and jar, Combined. H. R. Standlee. 1,620,985; Mar. 15.
Sound-reproducing instrument. J. Roston. 1,621,278; Mar. 15.
Sound resonator, Musical. S. Cabot. 1,620,869; Mar. 15.
Space-adjusting means for ground-engaging implements. J. Spence. 1,620,697; Mar. 15.
Spear, Frog. C. T. Pflueger. 1,621,082; Mar. 15.
Speed indicators or the like by one of the steering wheels of a motor vehicle, Control for. C. H. H. Rodanet. 1,621,433; Mar. 15.
Spigot. M. Shore. Des. 72,243; Mar. 15.
Spindle bolt, Adjustable. E. H. Rehn. 1,620,688; Mar. 15.
Spindle carriage and clutch. M. Walker. 1,620,844; Mar. 15.
Spinning machine. O. Edelmann. 1,621,158; Mar. 15.
Spoke, Adjustable. E. H. Madsen. 1,620,905; Mar. 15.
Spooler-bobbin holder. H. H. Burton. 1,621,059; Mar. 15.
Spraying, Light motor-truck attachment for high-pressure. A. F. Burgess. 1,620,946; Mar. 15.
Spring and manufacturing the same. E. B. Utter. 1,621,095; Mar. 15.
Spring-cushion construction. S. Suekoff. 1,621,091; Mar. 15.
Spring-shackle structure. W. A. J. Rieck. 1,621,028; Mar. 15.
Spring support, Fabricated. P. W. Johnson. 1,621,415; Mar. 15.
Sprinkler. C. F. Humphrey. 1,621,204; Mar. 15.
Square and bevel, Combination. R. A. Dyke. 1,621,192; Mar. 15.
Stamp, Printing. W. J. Pannier, jr. 1,620,685; Mar. 15.
Stanchion. R. J. Langer. 1,621,209; Mar. 15
Steam board. H. Betke. 1,620,753; Mar. 15.
Steel articles, Hardening. D. S. O'Donovan. 1,620,779; Mar. 15.
Steel-wool holder. B. G. Lance. 1,620,903; Mar. 15.
Steering device. A. Kacziba. 1,621,206; Mar. 15.
Steering-wheel lock. H. F. Ayoub. 1,621,051; Mar. 15.
Steering wheels, Signaling attachment for. M. B. Holstein. 1,621,408; Mar. 15.
Stereopticon views and cinematographic films, Projection apparatus for. C. M. Fox. 1,620,956; Mar. 15.
Still. H. E. Gilbert. 1,621,319; Mar. 15.
Stills, Apparatus for heating. G. D. White. 1,621,298; Stills, Chain brush for. W. Knapp. 1,621,417; Mar. 15.
Stocking, Infant's. M. Heilman. 1,621,200; Mar. 15.
Stocking with longitudinal and transverse reenforcements. O. Rottlof. 1,621,133; Mar. 15.
Stokers, Air-control means for mechanical. C. F. Miller. 1,620,672; Mar. 15.
Stools, stands, and the like, Construction for metal. S. A. Flowers. 1,621,245; Mar. 15.
Stop bar. R. J. Langer. 1,621,210; Mar. 15.
Stop mechanism, Safety. J. W. Thropp. 1,621,442; Mar. 15.
Stopper: *See*—
Flue stopper.
Store-front construction. R. Michaels. 1,621,375; Mar. 15.
Stove. E. G. Germer. Des. 72,206; Mar. 15.
Stove or range. J. J. Toomey. 1,621,141; Mar. 15.
Strainer, Drain. A. Izquierdo. 1,621,015; Mar. 15.
Structural element, Built-up. W. E. White. 1,621,299; Mar. 15.
Stuffing box. F. I. Raymond. 1,621,272; Mar. 15.

Support. W. R. Barclay and W. T. Minett. 1,620,793; Mar. 15.
Supporting rack. E. W. House. 1,621,410; Mar. 15.
Surface washer. F. G. Stone. 1,620,698; Mar. 15.
Surgical instrument. M. C. Myers. 1,621,212; Mar. 15.
Sweepers, Handle socket for carpet. I. J. Owen and B. J. Bouwmeester. 1,621,080; Mar. 15.
Sweetmeats, Apparatus for cutting. R. Head and W. E. Prescott. 1,621,012; Mar. 15.
Switch: *See*—
Automobile signal-control switch.
Display switch.
Electric switch.
Rotary switch.
Snap switch.
Switch and switch-operating mechanism, Auxiliary Ford starter. C. B. Steffens. 1,621,288; Mar. 15.
Switch-operating mechanism. J. D. Hilliard. 1,621,368; Mar. 15.
Switch-throwing mechanism. H. N. Burress. 1,620,947; Mar. 15.
Synchronous converters, Commutation of. E. B. Shand. 1,621,032; Mar. 15.
Table: *See*—
Extension table.
Table cover or the like, Lace. S. N. Mallouk. Des. 72,221; Mar. 15.
Tail light and illuminated license plate, Combination. P. E. Clement. 1,621,351; Mar. 15.
Tank lever. H. MacMillan. 1,621,122; Mar. 15.
Tank lock, Gasoline-. A. Knittel. 1,620,902; Mar. 15.
Telephone cabinet, Built-in. G. Evans. 1,620,637; Mar. 15.
Telephone exchanges, Selector for automatic. G. Alfani and L. Mazza. 1,620,620; Mar. 15.
Telephone lock. E. C. Beth. 1,620,628; Mar. 15.
Telephone receivers, Swivel for. H. F. Trompeter and J. P. Brown. 1,620,703; Mar. 15.
Telephone system. S. F. Nelson. 1,620,733; Mar. 15.
Tension and tremolo effects, Controlling. B. E. Mills. 1,621,125; Mar. 15.
Testing system. C. Ewing. 1,621,480; Mar. 15.
Thermoelectric indicator and safety device. W. A. Collins. 1,621,396; Mar. 15.
Thermoelectric switch. F. S. Denison. 1,620,806; Mar. 15.
Therapy, Heat. G. W. Wallerich. 1,620,929; Mar. 15.
Thermostat. G. T. Newell, jr. 1,621,023; Mar. 15.
Thimble. C. P. Caulkins. 1,620,996; Mar. 15.
Thrashing machine. F. L. Elder. 1,621,194; Mar. 15.
Thrashing machine. D. F. Unruh. 1,621,445; Mar. 15.
Threads and filaments, Manufacture of artificial. H. Dreyfus. 1,620,636; Mar. 15.
Tie plate. C. T. Matthews. 1,620,908; Mar. 15.
Tie: *See*—
Railway tie.
Tins, cans, and other receptacles, Metal-ring mouthpiece with revolving lip for. J. M. Oller Tintoré. 1,621,377; Mar. 15.
Tire. A. J. Michelin. Des. 72,217–18; Mar. 15.
Tire. E. M. Sears. 72,240–1; Mar. 15
Tire beads, Apparatus for covering. H. A. Denmire. 1,621,239; Mar. 15.
Tire-chain catch. W. H. Jones. 1,620,894; Mar. 15.
Tire flap. J. Jacobs. 1,620,818; Mar. 15.
Tire flap. F. V. Medynski. 1,621,021; Mar. 15.
Tire-repair device. D. H. Cox. 1,621,154; Mar. 15.
Tire rim automobile. J. Cruz and P. Noguera. 1,621,460; Mar. 15.
Toasting machine and the like. C. E. Carpenter. 1,621,234; Mar. 15.
Tobacco pipe. W. H. Lewis. Des. 72,213; Mar. 15.
Tool, Pneumatically-operated percussive hand. C. H. Stevens. 1,621,382; Mar. 15.
Torch, Gasoline. O. G. Schmidt. 1,620,695; Mar. 15.
Towing device with safety device against capsizing for tugs. T. Kliiver. 1,621,168; Mar. 15.
Toy. J. J. Dahlstrom. 1,621,353; Mar. 15.
Toy. L. Marx. 1,621,266; Mar. 15.
Toy and operating mechanism therefor. F. L. Thompson and C. A. Sloper. 1,621,140; Mar. 15.
Toy dog. N. W. Plooster. Des. 72,237; Mar. 15.
Toy, Mechanical H. E. McCoy. 1,620,772; Mar. 15.
Toy motor boat. P. E. Young. 1,620,709; Mar. 15.
Toy structures, Roof-tile beam for. O. H. Straub. 1,621,178; Mar. 15.
Toy vehicle. A. S. Burke. 1,621,350; Mar. 15.
Track-scale trig loop. J. H. Brant. 1,621,150; Mar. 15.
Tractor belts, Removable creeper for. A. Kégresse. 1,621,371; Mar. 15.
Tractor hitch. E. E. Bashor and E. N. Wray. 1,620,937; Mar. 15.
Tractors, Clutch-control mechanism for. F. O. Peasley. 1,621,427; Mar. 15.
Tractors, Steering mechanism for creepers. L. P. Lipps. 1,620,668; Mar. 15.
Transfer holder. T. E. Reese. 1,620,984; Mar. 15.
Transfer sheet. T. W. Morse. 1,620,981; Mar. 15.
Transformers, Angle ring for. A. W. Thompson. 1,621,039; Mar. 15.
Transmission mechanism, Variable-speed power-. F. A. Hayes. 1,620,760; Mar. 15.
Trap: *See*—
Animal trap.
Ant trap.
Fish trap.
Pitot static tube.
Trap. S. M. Coffman and W. M. Elder. 1,620,950; Mar. 15.
Tray. K. W. Bartlett. 1,620,751; Mar. 15.
Tray cover or the like, Lace. S. N. Mallouk. Des. 72,226; Mar. 15.
Tremolo device. B. E. Mills. 1,621,126; Mar. 15.
Triazo-nitrate explosives and producing the same. F. H. Bergeim. 1,620,714; Mar. 15.
Triturating machine. A. F. Files. 1,620,639; Mar. 15.
Tropical house. T. Monterubio. 1,620,776; Mar. 15.
Trunk construction, Wardrobe-. E. B. Hanson. 1,621,321; Mar. 15.
Trunk holder, Removable. S. Souin. 1,621,176; Mar. 15.
Tube: *See*—
Collapsible tube.
Tube beader. E. Möhrlin. 1,621,128; Mar. 15.
Tube closure, Collapsible. E. C. Van Valkenburg. 1,621,294; Mar. 15.
Tube frame. W. Bixby. 1,621,453; Mar. 15.
Tube holder and paste ejector. F. P. Drohan. 1,620,955; Mar. 15.
Tube socket. F. S. Sinclaire. 1,621,381; Mar. 15.
Tubs or the like, Adjustable leg for. W. E. Lindemuth. 1,621,260; Mar. 15.
Turbine. A. T. Kasley. 1,620,662–3; Mar. 15.
Turbines, Manufacturing. P. C. Dimberg. 1,621,001–2; Mar. 15.
Turbines, Manufacturing. G. Klenk. 1,620,974; Mar. 15.
Twin chair. W. E. White. 1,621,183; Mar. 15.
Twine and rope cutter. D. S. Dillenbach. 1,621,357; Mar. 15.
Type inductance coil, Sectional-. W. W. Brown and J. E. Love. 1,621,456; Mar. 15.
Typewriter. I. Brasa. 1,620,942; Mar. 15.
Typewriters and the like, Ribbon guide for. C. I. Kephart. 1,621,167; Mar. 15.
Typewriting machine. H. E. Cripe. 1,621,106; Mar. 15.
Typewriting machine. A. G. F. Kurowski. 1,621,074; Mar. 15.
Typewriting machine. J. Waldheim. 1,620,988; Mar. 15.
Typographical composing machine. J. G. McNamara. 1,620,979; Mar. 15.
Typographical machines, Attachment for. F. Y. Barba. 1,621,306; Mar. 15.
Underreamer. F. Swan. 1,620,699; Mar. 15.
Underreamer bit or cutter. F. Swan. 1,620,700; Mar. 15.
Union suit. J. M. Atkinson. 1,621,392; Mar. 15.
Universal joint. E. Gruenfeldt. 1,621,247; Mar. 15.
Universal joint. F. B. Pedersen and H. P. Andersen. 1,621,428; Mar. 15.
Universal joint. F. W. Peters. 1,621,215–20; Mar. 15.
Valve, Automatic cut-off. J. F. Currivan. 1,620,876; Mar. 15.
Valve, Combination vacuum and pressure relief. C. P. Buck. 1,620,720; Mar. 15.
Valve, Draining. J. L. Hutchings. 1,621,165; Mar. 15.
Valve for excessive-pressure vapor tanks and lines, Relief. C. P. Buck. 1,620,719; Mar. 15.
Valve for oil tanks, Automatic vapor take-off. C. P. Buck. 1,620,718; Mar. 15.
Valve lifter. J. C. Roberts. 1,620,835; Mar. 15.
Valve mechanism, Flushing-. P. Haas. 1,620,964; Mar. 15.
Valve-operating means for flush tanks. W. U. Griffiths. 1,620,647; Mar. 15.
Valve seating and aligning tool. O. G. Simmons. 1,621,471; Mar. 15.
Valve-spring compressor. G. S. Davis. 1,621,237; Mar. 15.
Valve-stem cap. N. I. Woolsey. 1,621,300; Mar. 15.
Valve, Turbine. R. C. Allen. 1,620,624; Mar. 15.
Valves, Actuating flush-tank. W. U. Griffiths. 1,620,648; Mar. 15.
Vanadium. Recovering. K. B. Thews. 1,621,038; Mar. 15.
Vanity box. C. P. Cook. 1,620,999; Mar. 15.
Vanity box. C. P. Cook. 1,621,105; Mar. 15.
Varnish, Preparing a. F. Schwartz. 1,621,438; Mar. 15.
Vault handle. C. J. Ledwidge. 1,620,770; Mar. 15.
Vehicle brake. T. H. Reeder. 1,621,378; Mar. 15.
Vehicle loads, Apparatus for supporting. W. H. Orpen. 1,620,682; Mar. 15.
Vehicle, Motor. A. Moorhouse. 1,620,731; Mar. 15.
Vehicle, Motor. M. Tibbetts. 1,620,744; Mar. 15.
Vehicle running gear. A. H. Fager. 1,620,809; Mar. 15.
Vehicle structure. N. W. Storer and T. S. Scott. 1,621,035; Mar. 15.
Vehicle, Tank-equipped. R. R. Weaver. 1,621,182; Mar. 15.
Vehicles, Antiskid device for. C. Silverthorn. 1,621,138; Mar. 15.
Vehicles, Dust-preventing device for rear platforms of. C. H. Dickey. 1,621,356; Mar. 15.
Vehicles, False roof for motor. J. W. Harvey. 1,621,404; Mar. 15.
Vehicles, Load indicator for motor. F. J. Troll. 1,621,093; Mar. 15.
Vehicles, Steering mechanism for road. F. W. Lanchester. 1,621,169; Mar. 15.
Vending machine. C. E. Parker. 1,620,914; Mar. 15.
Vending machine, Coin-operated. A. A. Fagen. 1,621,244; Mar. 15.
Vermifuge and insecticide. W. J. Dennis. 1,621,240; Mar. 15.

Viol machines, Tremolo device for. H. S. Mills. 1,621,127; Mar. 15.
Voice placer. E. Keller. 1,621,207; Mar. 15.
Voltage regulator. J. B. Trevor, jr. 1,621,443; Mar. 15.
Wagon body, Juvenile-. J. Weber. 1,620,931; Mar. 15
Wall construction. B. Rhodes. 1,620,834; Mar. 15.
Washer: *See*—
Can washer.
Surface washer.
Washing machine. H. R. Merselis. 1,620,671; Mar. 15.
Watchcase center. N. Greenberg. 1,621,110; Mar. 15.
Watch movements, Manufacturing process of blanks for. H. Colomb. 1,621,235; Mar. 15.
Water-column alarm. W. H. Kuhn. 1,620,729; Mar. 15.
Water cooling and filtering apparatus. N. Gymnaitis. 1,621,198; Mar. 15.
Water-gauge connection, Self-adjusting. W. Rigney. 1,620,692; Mar. 15.
Water heater. B. D. Hodges and C. E. Owen. 1,621,013; Mar. 15.
Water heater, Electric. W. W. Wainwright. 1,620,745; Mar. 15.
Water heater, Feed. A. L. Penniman, jr. 1,621,268; Mar. 15.
Water heater, Feed. H. J. Sternberg. 1,621,289; Mar. 15.
Water softener. N. E. Brice and H. G. Snyder. 1,620,717; Mar. 15.
Welding and cutting system, Electric-arc. C. J. Holslag. 1,621,068–70; Mar. 15.
Well rigging. W. D. Giles. 1,621,009; Mar. 15.
Welting, Apparatus for use in handling. G. E. Warren. 1,620,790; Mar. 15.
Wheel: *See*—
Fan wheel.
Wheel. B. J. Keelan. 1,620,897; Mar. 15.
Wind instruments, Valve pad for. A. Ciccone. 1,621,395; Mar. 15.
Window. L. Estrada. 1 621,463; Mar. 15.
Window. C. T. E. Gould. 1,620,646; Mar. 15.
Window device, Safety. J. J. Bartak. 1,620,749; Mar. 15.
Window hanger, Adjustable. M. B. Price. 1,621,484; Mar. 15.
Window leather strip, Casement-. I. W. Fisher. 1,621,361; Mar. 15.
Window lock. J. Waitch. 1,620,705; Mar. 15.
Window-shade holder. J. P. Olson. 1,620,736; Mar. 15.
Wire-drawing apparatus. H. Blount and J. W. Hernlund. 1,621,309; Mar. 15.
Wireless receiving system. J. Slepian. 1,621,034; Mar. 15.
Wound machine with additional excitation in bridge connection, Series-. W. Petersen. 1,621,429; Mar. 15.
Wrench: *See*—
Headlight-rim wrench.
Wrench adjustment. J. McConville. 1,621,123; Mar. 15.
Wrench mechanism. C. W. McDaniel. 1,621,264; Mar. 15.
X-ray system, Therapy. A. Mutscheller. 1,620,732; Mar. 15.
Yarn. A. Boller. 1,621,348; Mar. 15.
Yarn-oiling device. J. K. Altemus. 1,621,303; Mar. 15.
Zeolites and the like, Apparatus for regeneration of. W. H. Green. 1,620,886; Mar. 15.

CLASSIFICATION OF PATENTS

ISSUED MARCH 15, 1927.

NOTE.—First number=class, second number=subclass, third number=patent number.

1— 18.1: 1,620,782
32: 1,620,793
47: 1,620,812
2— 78: 1,621,392
146: 1,621,336
161: 1,620,643
239: 1,621,200
276: 1,620,853
4— 58: 1,620,964
67: 1,620,647
1,620,648
1,621,122
5— 93: 1,620,600
113: 1,621,464
175: 1,621,163
209: 1,621,111
331: 1,621,086
353: 1,621,091
354: 1,621,149
7— 8: 1,620,923
13: 1,620,891
8— 19: 1,621,238
9— 2: 1,620,867
7: 1,621,423
19: 1,621,458
10— 72: 1,621,130
12— 123: 1,620,721
136: 1,621,208
146: 1,620,784
15-104.01: 1,620,822
104.09: 1,621,417
125: 1,620,801
133: 1,621,432
143: 1,621,273
165: 1,620,783
209: 1,620,903
16— 1: 1,620,758
39: 1,620,657
1,620,658
112: 1,620,770
124: 1,620,646
140: 1,620,701
143: 1,621,047
17— 5: 1,620,953
18— 54: 1,620,636
56: 1,621,042
59: 1,621,000
20— 4: 1,621,386
16: 1,620,669
42: 1,621,463
56.4: 1,621,375
65: 1,621,361
100: 1,620,933
22— 45: 1,621,114
65: 1,620,829
1,620,830
1,620,831
147: 1,621,402
188: 1,621,472
203: 1,620,974
1,621,001
1,621,002
23— 22: 1,621,038
24— 3: 1,620,904
1,620,930
115: 1,620,741
121: 1,621,282
123: 1,620,928
137: 1,621,108
230: 1,620,894
233: 1,621,325
244: 1,620,913
259: 1,621,008
263.5: 1,621,286
25— 21: 1,620,621
27— 4: 1,620,845
28— 6: 1,620,957
86.3: 1,621,237
29— 84: 1,621,073
153: 1,621,007
160.4: 1,621,380
173: 1,621,095
177: 1,621,235
30— 12: 1,620,901
14: 1,621,357
31— 85: 1,620,916
32— 9: 1,621,175
10: 1,620,990
11: 1,621,190
33: 1,620,773
33— 28: 1,621,331
55: 1,621,476
62: 1,620,980
92: 1,621,192
197: 1,620,971
200: 1,621,352
34— 46: 1,621,333
35— 15: 1,621,262
36— 1: 1,620,797
2: 1,620,743
1,621,153
55: 1,620,712
72: 1,620,935
1,621,342
1,621,455
37— 25: 1,621,156
44: 1,621,040
39— 82: 1,620,786
40— 2.2: 1,620,791
10: 1,620,798
16: 1,621,393
23: 1,621,259
26: 1,620,874
33: 1,621,096
1,621,344
53: 1,621,407
118: 1,621,067
127: 1,621,482
132: 1,621,351
1,621,411
133: 1,621,412
41— 35: 1,620,884
43— 6: 1,621,082
17: 1,621,017
45: 1,620,972
73: 1,620,950
85: 1,620,777
121: 1,621,318
44— 1: 1,621,071
9: 1,620,635
45— 2: 1,621,304
4: 1,621,410
52: 1,621,324
112: 1,621,083
46— 35: 1,621,178
37: 1,620,709
40: 1,620,667
1,621,072
1,621,139
1,621,157
1,621,231
1,621,353
1,621,434
46: 1,621,140
48: 1,621,266
47— 17: 1,620,776
19: 1,621,440
49— 2: 1,621,359
14: 1,621,054
33: 1,621,144
55: 1,621,426
78.1: 1,621,446
50— 10: 1,620,881
51— 52: 1,620,811
110: 1,621,236
193: 1,620,708
278: 1,621,296
1,621,297
52— 11: 1,620,715
16: 1,620,696
53— 4: 1,620,765
1,621,113
6: 1,620,710
1,621,315
55— 10: 1,621,276
77: 1,621,295
84: 1,620,794
1,621,031
58— 92: 1,621,110
59— 79: 1,621,205
82: 1,621,287
60— 43: 1,621,435
54: 1,621,228
70: 1,620,662
61— 21.1: 1,621,170
42: 1,620,716
80: 1,621,232
62— 75: 1,621,322
95: 1,621,055
115: 1,621,161
119: 1,620,843
121: 1,620,963
139: 1,621,198
142: 1,621,162
63— 14: 1,620,674
64— 96: 1,621,428
102: 1,621,215
1,621,216
1,621,217
1,621,218
1,621,219
1,621,220
1,621,247
66— 106: 1,621,136
160: 1,621,397
182: 1,621,133
187: 1,621,343
68— 9: 1,620,753
10: 1,621,090
31: 1,621,260
70— 53: 1,620,775
1,621,036
54: 1,620,757
55.1: 1,621,422
76: 1,621,437
108: 1,621,347
112: 1,621,148
129: 1,621,061
71— 9: 1,621,311
72— 30: 1,620,834
101: R. 16,572
1,621,478
73— 51: 1,620,864
82: 1,620,823
1,621,274
109: 1,621,320
167: 1,620,633
1,621,203
1,621,354
74— 5: 1,620,795
1,621,414
6: 1,620,871
7: 1,620,665
1,621,102
1,621,433
8: 1,621,346
34: 1,620,854
1,620,855
1,620,856
1,620,857
1,620,858
1,620,859
39: 1,620,649
1,620,731
1,621,206
1,621,427
58: 1,620,760
1,620,849
59: 1,620,724
98: 1,621,263
107: 1,620,764
75— 1: 1,620,877
18: 1,620,761
1,620,873
76— 101: 1,621,226
77— 62: 1,621,137
64: 1,621,145
66: 1,620,848
78— 13: 1,621,108
80— 38: 1,621,284
81— 3.1: 1,620,706
15: 1,620,920
1,621,335
125: 1,620,960
130: 1,620,739
165: 1,621,123
177: 1,621,264
82— 25: 1,620,868
83— 7: 1,620,702
9: 1,620,639
1,620,962
11: 1,621,256
1,621,409
44: 1,620,819
1,621,022
1,621,307
46: 1,621,270
62: 1,620,838
73: 1,621,009
1,621,345
1,621,395
84— 11: 1,621,125
1,621,126
1,621,127
385: 1,621,395
404: 1,621,449
466: 1,621,207
85— 11: 1,621,213
28: 1,621,027
87— 9: 1,621,483
88— 17: 1,620,726
1,621,024
18.4: 1,621,334
24: 1,620,768
1,620,956
89— 7: 1,620,994
28: 1,621,201
40: 1,620,851
1,620,852
1,621,036
1,621,365
43: 1,620,850
90— 4: 1,621,223
12.5: 1,621,471
13.1: 1,620,975
91— 46: 1,620,802
68: 1,621,016
70: 1,620,940
92— 21: 1,621,399
46: 1,620,960
54: 1,621,147
1,621,281
57: 1,621,401
93— 35: 1,621,049
54: 1,620,725
94— 8: 1,621,183
1,621,184
95— 45: 1,620,727
73: 1,620,927
100: 1,621,291
97— 47: 1,620,937
1,620,969
54: 1,620,607
99— 1: 1,621,188
11: 1,620,896
14: 1,621,257
100— 47: 1,621,077
57: 1,621,116
101— 228: 1,620,863
378: 1,620,685
1,621,271
102— 24: 1,621,421
103— 168: 1,621,142
179: 1,620,934
1,621,046
104— 88: 1,620,785
248: 1,621,337
105— 47: 1,621,330
1,621,339
122: 1,621,083
190: 1,621,035
205: 1,621,249
208: 1,621,014
236: 1,621,182
244: 1,620,948
270: 1,620,839
271: 1,620,759
350: 1,621,356
410: 1,621,293
106— 23: 1,621,468
31: 1,620,813
1,620,900
34: 1,620,915
107— 1: 1,621,010
14: 1,621,454
110— 32: 1,620,659
1,621,241
44: 1,620,672
75: 1,621,267
114— 235: 1,621,168
116— 51: 1,621,338
117— 52: 1,621,348
118— 38: 1,621,158
119— 14: 1,621,309
70: 1,620,686
147: 1,621,210
120— 6: 1,621,078
18: 1,621,048
29: 1,620,961
46: 1,620,626
50: 1,621,166
112: 1,621,450
121— 6: 1,620,885
18: 1,621,254
19: 1,621,250
24: 1,621,382
122— 16: 1,621,013
183: 1,621,374
390: 1,620,762
481: 1,621,112
123— 25: 1,621,430
75: 1,620,936
90: 1,620,835
1,621,326
1,621,485
119: 1,621,376
173: 1,620,917
174: 1,621,064
1,621,065
190: 1,620,832
126— 39: 1,621,141
41: 1,621,234
99: 1,620,805
109: 1,620,863
1,621,066
121: 1,621,135
128— 6: 1,621,159
94: 1,621,323
252: 1,621,134
290: R. 16,570
304: 1,621,212
130— 21: 1,621,194
27: 1,621,445
30: 1,620,644
42: 1,621,088
131— 13: 1,621,269
16: 1,621,005
19: 1,621,425
43: 1,620,722
83: 1,620,999
1,621,105
134— 1: 1,620,899
26: 1,621,438
36: 1,620,981
79: 1,620,977
135— 49: 1,621,255
136— 82: 1,621,327
136: 1,621,481
137— 21: 1,621,164
53: 1,620,719
76: 1,620,728
78: 1,620,707
1,621,221
102: 1,620,729
104: 1,621,436
1,621,473
139: 1,621,251
153: 1,620,718
158: 1,620,624
162: 1,620,876
139— 10: 1,621,406
1,621,453
44: 1,621,400
54: 1,620,641
123: 1,620,723
222: 1,621,101
223: 1,621,439
248: 1,621,242
271: 1,621,044
296: 1,621,177
323: 1,621,045
337: 1,621,358
341: 1,620,836
346: 1,620,954
140— 92.2: 1,620,879
141— 7: 1,620,654
9: 1,620,671
144— 2: 1,620,995
70: 1,621,061
250: 1,620,847
251: 1,621,146
146— 150: 1,620,995
155: 1,621,012
149— 21: 1,620,821
150— 1.5: 1,621,107
1,621,329
49: 1,620,903
152— 8: 1,620,897
12: 1,620,887
1,621,300
14: 1,620,965
1,621,398
20: 1,620,818
1,621,021
1,621,388
26: 1,621,154
27: 1,620,825
28: 1,620,982
32: 1,620,796
39: 1,621,079
82: 1,621,128
154— 9: 1,621,239
155— 79: 1,621,367
194: 1,621,245
196: 1,620,816
156— 22: 1,621,243
27: 1,620,736
44: 1,620,958
157— 1: 1,620,734
158— 7.5: 1,621,258
28: 1,621,447
32: 1,620,695
53: 1,620,932
64: 1,621,063
65: 1,620,676
73: 1,620,754
77: 1,620,625
1,621,092
91: 1,621,313
99: R. 16,574
161: 1,621,285
77: 1,621,152
113: 1,620,711
167— 6: 1,621,240
7: 1,620,684
1,621,117
1,621,118
1,621,119
1,621,121
1,621,186
10: 1,621,131
170— 173: 1,620,968
171— 95: 1,620,622
119: 1,621,018
123: 1,621,032
209: 1,621,469
223: 1,621,429
229: 1,621,050
1,621,452
342: 1,621,280
1,621,443
172— 245: 1,621,006
289: 1,621,173
173— 268: 1,620,693
318: 1,621,246
321: 1,620,804
328: 1,621,381
330: 1,621,364
356: 1,621,341
174— 89: 1,620,828
177: 1,620,929
1,621,279
175— 41: 1,621,056
41.5: 1,621,253
1,621,379
115: 1,621,373
183: 1,620,861
294: 1,621,011

175— 298: 1,620,792
338: 1,620,781
356: 1,620,878
1,621,039
359: 1,621,456
376: 1,620,788
176— 34: 1,621,360
115: 1,620,837
177— 327: 1,621,290
329: 1,620,842
351: 1,621,093
1,621,396
353: 1,620,987
178— 17.5: 1,620,638
1,620,664
53: 1,620,735
179— 15: 1,620,629
27.5: 1,620,620
50: 1,620,733
96: 1,620,755
100.1: 1,621,180
114: 1,620,631
171: 1,620,661
1,620,694
1,620,967
175: 1,621,480
179: 1,620,703
189: 1,620,628
180— 1: 1,621,275
9.2: 1,620,668
22: 1,620,809
45: 1,621,211
53: 1,620,946
181— 6: 1,620,869
183— 2.7: 1,620,771
13: 1,620,780
44: 1,621,026
77: 1,620,860
184— 55: 1,620,911
69: 1,621,129
1,621,444
84: 1,621,303
106: 1,621,155
185— 41: 1,620,998
187— 31: 1,621,391
188— 2: 1,620,943
4: 1,621,431
5: 1,621,138
1,621,378
10: 1,620,744
78: 1,620,921
88: 1,621,261
194: 1,620,752
196: 1,621,004
189— 33: 1,620,949
34: 1,621,060
37: 1,621,299
76: 1,621,332
82: 1,620,846
189— 90: 1,620,806
190— 13: 1,621,321
57: 1,621,076
192— 0.01: 1,620,763
2: 1,621,442
12: 1,621,384
1,621,385
84: 1,621,383
105: 1,621,366
126: 1,620,800
142: 1,621,370
194— 30: 1,621,230
78: 1,621,100
196— 5: 1,621,229
40: 1,621,475
116: 1,621,298
1,621,319
197— 60: 1,620,942
126: 1,620,988
1,621,106
1,621,265
133: 1,620,666
135: 1,621,074
170: 1,621,167
198— 24: 1,621,301
31: 1,620,778
199— 18: 1,620,979
47: 1,621,306
56: 1,620,978
200— 16: 1,620,951
24: 1,621,214
26: 1,621,115
30: 1,620,959
59: 1,621,372
1,621,408
113: 1,621,020
1,621,056
114: 1,620,814
130: 1,621,349
139: 1,620,806
150: 1,621,369
153: 1,621,368
161: 1,621,288
168: 1,620,909
1,621,340
201— 56: 1,621,466
62: 1,621,233
204— 31: 1,621,143
64: 1,620,880
205— 16: 1,621,309
206— 1: 1,620,790
44: 1,620,673
52: 1,620,810
207— 287: 1,620,365
208— 35: 1,620,926
1,621,350
42: 1,621,193
209— 90: 1,620,687
210— 24: 1,620,717
210— 24: 1,620,886
97: 1,621,413
167: 1,621,015
212: 1,620,815
211— 7: 1,620,637
1,621,387
8: 1,620,766
1,620,808
1,620,914
1,621,098
1,621,244
14: 1,620,841
1,620,944
1,621,465
28: 1,620,737
37: 1,620,984
213— 7: 1,620,679
22: 1,620,630
1,620,652
31: 1,620,678
32: 1,620,634
1,620,653
1,620,681
34: 1,620,677
39: 1,620,651
48: 1,620,642
1,620,650
178: 1,621,419
214— 1: 1,621,009
93: 1,621,151
131: 1,621,448
215— 1: 1,620,907
48: 1,621,283
56: 1,621,132
100: 1,621,187
216— 7: 1,620,774
217— 69: 1,621,363
125: 1,620,941
218— 3: 1,621,403
219— 8: 1,621,068
1,621,069
1,621,070
19: 1,620,627
1,621,424
34: 1,620,767
35: 1,621,171
39: 1,620,745
220— 1: 1,621,252
5: 1,620,670
46: 1,620,983
53: 1,621,389
221— 11: 1,621,377
32: 1,621,420
47.3: 1,620,824
1,621,109
1,621,172
1,621,308
48: 1,621,362
60: 1,620,748
221— 60: 1,620,955
1,621,097
1,621,294
62: 1,620,892
72: 1,621,202
118: 1,620,907
222— 3: 1,621,222
223— 15: 1,620,986
51: 1,620,906
67: 1,621,160
224— 29: 1,621,176
45: 1,620,919
226— 4: 1,621,316
36: 1,620,689
77: 1,621,470
229— 10: 1,620,789
20: 1,621,451
43: 1,621,225
71: 1,620,902
230— 1: 1,620,875
11: 1,621,025
27: 1,620,870
234— 26.5: 1,621,394
236— 68: 1,621,023
237— 12.3: 1,621,199
238— 38: 1,620,730
220: 1,620,906
304: 1,620,908
330: 1,620,683
240— 1: 1,621,248
3: 1,621,312
10.5: 1,621,461
36: 1,620,640
41: 1,621,029
45.6: 1,621,181
48.2: 1,621,085
48.4: 1,620,872
1,621,224
61: 1,620,675
78: 1,620,963
151: 1,620,970
242— 7: 1,620,740
8: 1,621,052
55: 1,620,844
84.5: 1,621,003
132: 1,621,059
157: 1,620,918
244— 15: 1,620,787
21: 1,621,019
23: 1,620,882
24: 1,620,991
25: R. 16,573
31: 1,620,769
246— 5: 1,620,660
1,620,691
34: R. 16,571
125: 1,620,799
130: 1,621,196
1,621,197
246— 138: 1,620,704
140: 1,620,893
318: 1,620,947
248— 17: 1,620,632
37: 1,620,820
250— 9: 1,621,037
10: 1,621,002
11: 1,620,655
27: 1,620,973
1,621,034
34: 1,620,732
1,620,992
36: 1,620,656
251— 7: 1,620,902
35: 1,621,165
97: 1,620,623
252— 3: 1,621,195
253— 70: 1,620,663
254— 2: 1,621,314
255— 16: 1,621,191
26: 1,620,985
35: 1,621,467
71: 1,620,889
75: 1,620,669
1,620,700
256— 24: 1,620,976
257— 24: 1,620,807
33: 1,621,089
221: 1,621,268
229: 1,620,713
236: 1,621,289
259— 108: 1,621,277
260— 33: 1,621,094
122: 1,621,441
144: 1,620,714
146: 1,620,938
261— 13: 1,620,645
23: 1,620,827
29: 1,620,738
63: 1,620,746
79: 1,620,925
114: 1,620,750
1,620,751
115: 1,620,826
263— 6: 1,620,779
32: 1,620,989
264— 17: 1,621,084
265— 68: 1,621,474
72: 1,621,150
267— 1: 1,621,415
10: 1,620,945
19: 1,621,028
54: 1,620,756
268— 2: 1,621,124
35: 1,621,459
122: 1,621,104
134: 1,620,817
270— 1: 1,621,189
272— 73: 1,621,120
272— 81: 1,621,477
82: 1,620,910
273— 65: 1,621,043
86: 1,620,772
87: 1,621,057
89: 1,620,866
98: 1,620,742
106: 1,620,922
119: 1,620,912
136: 1,621,185
274— 14: 1,621,278
277— 61: 1,620,720
1,621,179
279— 16: 1,621,227
280— 8: 1,620,939
33.44: 1,621,418
90: 1,621,169
96.1: 1,620,688
166: 1,621,479
283— 8: 1,621,416
12: 1,621,457
20: 1,620,833
285— 22: 1,620,862
1,621,041
120: 1,620,692
131: 1,620,888
136: 1,620,924
288— 1: 1,621,272
290— 48: 1,620,747
292— 202: 1,620,705
241: 1,621,087
341: 1,621,305
342: 1,620,749
353: 1,621,174
293— 55: 1,621,081
294— 32: 1,621,355
78: 1,621,030
296— 28: 1,620,931
47: 1,621,484
137: 1,621,404
298— 17: 1,621,075
23: 1,621,462
299— 58: 1,621,310
71: 1,621,204
112: 1,620,608
301— 32: 1,621,460
69: 1,620,905
303— 3: 1,621,403
19: 1,621,328
86: 1,621,292
305— 10: 1,621,371
306— 1: 1,621,060
308— 61: 1,621,053
226: 1,620,680

O

Mar. 22, 1927

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Abbotts Alderney Dairies, Inc., Philadelphia, Pa. Ice cream. 225,481; Mar. 22; Serial No. 238,830; published Jan. 11, 1927.

Abrams, Harry A., doing business as New York Electric Supply and Fixture Co., Saginaw, Mich. Electrical appliances—namely, house wiring and lighting-fixtures, etc. 225,807; Mar. 22.

Abrams & Linden, New York, N. Y. Fur coats. 225,775; Mar. 22; Serial No. 231,425; published Jan. 4, 1927.

Acme Lace Works, Inc., Hightstown, N. J. Lace in the piece. 225,756; Mar. 22; Serial No. 240,121; published Jan. 4, 1927.

Acme White Lead & Color Works, Detroit, Mich. Paints, enamels, stains, and varnishes. 62,706; renewed May 21, 1927.

Acme White Lead & Color Works, Detroit, Mich. Paints and painters' materials. 63,481; renewed June 25, 1927.

Acme White Lead & Color Works, Hamtramck, Mich. Paint enamels, paint and varnish thinners, and lacquers. 225,592; Mar. 22; Serial No. 213,759; published Mar. 2, 1926.

Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Films, plates, and photographic papers. 61,677; renewed Apr. 2, 1927.

Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Photographic developers. 61,902; renewed Apr. 9, 1927.

Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. External medicinal preparations for the skin. 62,033; renewed Apr. 16, 1927.

Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Medicinal preparations. 62,034; renewed Apr. 16, 1927.

Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Coal-tar dyestuffs. 62,086; renewed Apr. 16, 1927.

Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Photographic developers. 62,087; renewed Apr. 16, 1927.

Adams & Elting Co., Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Paints and painters' materials. 60,287; renewed Feb. 5, 1927.

Allis-Chalmers Manufacturing Company, Milwaukee and West Allis, Wis. Electric control apparatus and systems, switch gear, switches, etc. 225,562; Mar. 22. Serial No. 240,471; published Jan. 4, 1927.

Alpert, Samuel, doing business as United Tea Stores, Chicago, Ill. Tea, coffee, and spices. 225,791; Mar. 22.

Alpursa Aktiengesellschaft, Biessenhofen, Germany. Chocolate and chocolate candy. 225,549; Mar. 22; Serial No. 237,397; published Jan. 11, 1927.

Alsberg, William, & Company, Inc., New York, N. Y. Garment pockets. 225,563; Mar. 22; Serial No. 240,470; published Jan. 4, 1927.

Amberg, M. W., & Co. Inc., New York, N. Y. Artificial-hair-base braids. 225,633; Mar. 22; Serial Nos. 221,471–2; published Jan. 4, 1927.

Ambrosia Chocolate Company, assignor to Ambrosia Chocolate Company, Milwaukee, Wis. Cocoa, chocolate, and chocolate candy. 61,662; renewed Apr. 2, 1927.

American Automatic Devices Company. (See Ritz Woller, Oliver C.)

American Bosch Magneto Corporation, Springfield, Mass. Shock-absorbers for automobiles. 225,496; Mar. 22; Serial No. 239,912; published Jan. 11, 1927.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Spool silk. 225,753; Mar. 22; Serial No. 240,162; published Jan. 11, 1927.

Amplex Instrument Laboratories. (See Landres, Arnold G.)

Anderson, Albert & J. M., Manufacturing Company, to Albert & J. M. Anderson Manufacturing Company, Boston, Mass., successor. Circuit controllers or switches. 52,653; renewed May 15, 1927.

Anderson-Prichard Oil Corporation, Oklahoma City, Okla. Specialty naphtha refined exclusively for the dry-cleaning industry. 225,493; Mar. 22; Serial No. 239,959; published Dec. 28, 1926.

Angelica Jacket Company, St. Louis, Mo. Men's and women's washable or cleanable apparel and uniforms. 225,700; Mar. 22; Serial No. 236,902; published Jan. 11, 1927.

Anona Cheese Company, Appleton, Wis. Cheese. 225,702; Mar. 22; Serial No. 232,241; published Dec. 28, 1926.

Ansehl, Benjamin, doing business as Benjamin Leland & Company, St. Louis, Mo. Toilet articles, preparations, and products. 225,570; Mar. 22; Serial No. 240,393; published Jan. 11, 1927.

Antrol Laboratories Inc., Los Angeles, Calif. Insecticides. 225,488; Mar. 25; Serial No. 240,055; published Dec. 28, 1926.

Apffel, Edw. A., Co., Los Angeles, Calif. Tea, coffee, spices, etc. 225,760; Mar. 22; Serial No. 238,692; published Jan. 4, 1927.

Arcadia Pharmacal Company. (See Ganbarg, Leo.)

Archer, A. W., Co., Inc., New York, N. Y. Twine. 225,655; Mar. 22; Serial No. 240,163; published Jan. 11, 1927.

Arknot Co., The, assignor to The Johns-Pratt Company, Hartford, Conn. Electric apparatus and supplies. 59,807; renewed Jan. 15, 1927.

Armin Degener, Inc., New York, N. Y. Cigarette cases, pouches, cigar cases, and humidors. 225,695; Mar. 22; Serial No. 241,037; published Jan. 11, 1927.

Arnesto Paint Co. Inc., New York, N. Y. Paint containing lithopone and zinc oxide. 225,627; Mar. 22; Serial No. 220,699; published Jan. 4, 1927.

Arnesto Paint Co. Inc., New York, N. Y. Paint enamels. 225,681; Mar. 22; Serial No. 239,634; published Jan. 4, 1927.

Aromanilla Company, Inc., The. (See Chatfield, George R., assignor.)

Art-In-Linens, Inc., New York, N. Y. Bedspreads, curtains, draperies, etc. 225,556; Mar. 22; Serial No. 237,011; published Jan. 4, 1927.

Artloom Corporation, Philadelphia, Pa. Upholstery textile fabrics. 225,616; Mar. 22; Serial No. 227,710; published Jan. 4, 1927.

As-Ke Fuemer Company, Duluth, Minn. Electric heaters, electric vaporizers, and fumers. 225,619; Mar. 22; Serial No. 225,397; published Jan. 11, 1927.

Atlantic Seed Company, Inc., The, Philadelphia, Pa. Field seeds, grass-seed mixtures, and lawn-grass-seed mixtures. 225,771; Mar. 22; Serial No. 236,299; published Dec. 28, 1926.

Auglaize Chemical Company, Wapakoneta, Ohio. Dry-cleaning preparations. 225,573; Mar. 22; Serial No. 240,289; published Jan. 4, 1927.

Auto Strop Safety Razor Company, New York, N. Y. Razors and razor blades. 60,748; renewed Feb. 19, 1927.

Babbitt, B. T., Inc., New York, N. Y. Cleaning compound for clogged drains, etc. 225,764; Mar. 22; Serial No. 235,450; published Jan. 11, 1927.

Bachrach-Feld Co., The, doing business as Cascade Malt Extract Co., Cincinnati, Ohio. Malt sirup and malt extract for food purposes. 225,521; Mar. 22; Serial No. 238,566; published Jan. 11, 1927.

Badger Rubber Works, The, Milwaukee and Cudahy, Wis. Tires and tubes. 225,666; Mar. 22; Serial No. 240,585; published Jan. 11, 1927.

Badger Rubber Works, The, Milwaukee and Cudahy, Wis. Tire casings. 225,665; Mar. 22; Serial No. 240,588; published Jan. 11, 1927.

Badger Rubber Works, The, Milwaukee and Cudahy, Wis. Tires and tubes. 225,666; Mar. 22; Serial No. 240,589; published Jan. 11, 1927.

Badger Rubber Works, The, Milwaukee and Cudahy, Wis. Belts and belting and transmission disks. 225,674; Mar. 22; Serial No. 240,584; published Jan. 11, 1927.

Baker-Moise Company, Dallas, Tex. Hosiery. 225,514; Mar. 22; Serial No. 238,299; published Jan. 4, 1927.

Banner Manufacturing Company. (See Munro, Herbert E.)

Base Piano Co. Inc., Philadelphia, Pa. Pianos. 225,678; Mar. 22; Serial No. 236,863; published Jan. 4, 1927.

Battenfeld, C. F., Oil Company, Detroit, Mich. Motor oils and greases. 225,459; Mar. 22; Serial No. 239,694; published Jan. 11, 1927.

Bayerson Oil Works, Erie, Pa. Emulsive oil. 225,589; Mar. 22; Serial No. 218,684; published Mar. 23, 1926.

Baylis, A. W., Co., New York, N. Y. Woven fabrics. 225,630; Mar. 22; Serial No. 226,799; published Apr. 13, 1926.

Beaver, Herman L., Philadelphia, Pa. Metallic polishing and burnishing material. 225,575; Mar. 22; Serial No. 230,836; published Jan. 4, 1927.

Behn, Arnold G., Kearny, N. J. Children's leather shoes. 225,464; Mar. 22; Serial No. 239,081; published Dec. 28, 1926.

Belfit Brassiere Co., Inc., Brooklyn, N. Y. Brassières and brassière corsets. 225,729; Mar. 22; Serial No. 198,835; published Jan. 27, 1925.

Bendix Brake Company, Chicago, Ill. Brakes and brake systems and parts thereof. 225,499; Mar. 22; Serial No. 239,876; published Jan. 11, 1927.

Benedik, Nikolaus, Vienna, Austria, doing business as Drem Products Corporation, New York, N. Y. Photographic chemicals. 225,766; Mar. 22; Serial No. 235,724; published Jan. 11, 1927.

Bengal Oriental Rug Corporation, Philadelphia, Pa. Textile rugs. 225,485; Mar. 22; Serial No. 239,018; published Jan. 11, 1927.

Berge, Joseph, doing business as Jo. Berge Co., New York, N. Y. Overflow pipes used as an overflow-saving attachment for radiators. 225,779; Mar. 22; Serial No. 234,769; published Nov. 23, 1926.
Berkshire Knitting Mills, Wyomissing, Pa. Ladies' hosiery. 225,561; Mar. 22; Serial No. 240,475; published Jan. 4, 1927.
Berry Brothers, Limited, assignor to Berry Brothers, Inc., Detroit, Mich. Paint and varnish remover. 63,327; renewed June 18, 1927.
Best & Co., Inc., New York, N. Y. Hand bags, hatboxes, suitcases, etc. 225,629; Mar. 22; Serial No. 223,276; published Jan. 4, 1927.
Best-Maid Food Company, Amarillo, Tex. Mustard relish, mayonnaise, etc. 225,688; Mar. 22; Serial No. 239,460; published Jan. 11, 1927.
Bigelow-Hartford Carpet Company, Clinton, Mass.; Thompsonville, Conn.; and New York, N. Y. Carpets and rugs. 225,560; Mar. 22; Serial No. 240,479; published Jan. 4, 1927.
Bing Werke, vorm. Gebrüder Bing A. G. Nürnberg, Nuremberg, Germany, and New York, N. Y. Bird cages. 225,645; Mar. 22; Serial No. 211,900; published Jan. 11, 1927.
Bing Werke, vorm. Gebrüder Bing A. G. Nürnberg, Nuremberg, Germany, and New York, N. Y. Enamel ware comprising cups, saucers, plates, cooking utensils, etc. 225,646; Mar. 22; Serial No. 211,894; published Jan. 11, 1927.
Bissell Carpet Sweeper Company, assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweepers. 64,604; renewed Aug. 13, 1927.
Bloomfield, Julius, doing business as J. Bloomfield Co., New York, N. Y. Hats. 225,690; Mar. 22; Serial No. 240,591; published Jan. 4, 1927.
Bluemantle, Jack, Paris, France. Perfume, toilet water, face powder, etc. 225,530; Mar. 22; Serial No. 240,767; published Jan. 11, 1927.
Borgfeldt, Geo., & Co., New York, N. Y. Enameled steelware. 62,150; renewed Apr. 23, 1927.
Boss Manufacturing Company, The, Kewanee, Ill. Fabric gloves and mittens. 225,714; Mar. 22; Serial No. 236,795; published Jan. 11, 1927.
Brandes Products Corporation, Newark, N. J. Loud speakers, electron-tube audiofrequency amplifiers, audiofrequency transformers, etc. 225,815; Mar. 22.
Brandon, Calvin L., Perry, Fla. Cigars. 225,547; Mar. 22; Serial No. 237,591; published Jan. 11, 1927.
Brandram Bros. & Co. Ltd., London, England. White lead. 59,914; renewed Jan. 22, 1927.
Brockman, Israel, doing business as I. Brockman & Co., Boston, Mass. Shoe satin in the piece. 225,687; Mar. 22; Serial No. 239,736; published Jan. 11, 1927.
Bronx County Builders Supply Co., Inc., Bronx, N. Y. Fireproof doors, house trim, and building brick. 225,548; Mar. 22; Serial No. 237,539; published Dec. 28, 1926.
Brown, Edward M., Toledo, Ohio. Remedy for the treatment of indigestion, loss of appetite, etc. 225,503; Mar. 22; Serial No. 239,506; published Jan. 11, 1927.
Brown, Harvey M., Philadelphia, Pa. Switch plates. 225,638; Mar. 22; Serial No. 223,430; published Jan. 11, 1927.
Buckeye Electric Company, The, Cleveland, Ohio, assignor to General Electric Company, Schenectady, N. Y. Incandescent lamps. 59,970; renewed Jan. 22, 1927.
Buegeleisen & Jacobson, New York, N. Y. Harmonicas. 58,387; renewed Dec. 11, 1926.
Buehler Brothers, Inc., Chicago, Ill. Canned peas, corn, tomatoes, catchup, and coffee. 225,749; Mar. 22; Serial No. 234,082; published Jan. 11, 1927.
Burnett, Joseph, Company, Boston, Mass. Pastes for coloring food products. 225,673; Mar. 22; Serial No. 269,689; published Jan. 11, 1927.
Butterfield, Fred, & Co. Inc., New York, N. Y. Dress fabric and lining made of cotton and rayon. 225,621; Mar. 22; Serial No. 241,133; published Jan. 11, 1927.
Butterfield, Fred, & Co. Inc., New York, N. Y. Cotton chiffon in the piece. 225,644; Mar. 22; Serial No. 218,598; published Jan. 4, 1927.
Calvete, I., Limited, London, England. Electrolysis outfits, electrical massage vibrators, etc. 225,611; Mar. 22; Serial No. 239,572; published Jan. 4, 1927.
Camilla Cotton Oil Company, Camilla, Ga. Commercial feeds. 225,786; Mar. 22; Serial No. 239,088; published Jan. 11, 1927.
Canuet Freres. (See Huet, L., and Ligier.)
Capitol Paint & Varnish Works, Inc., Brooklyn, N. Y. Paint enamel. 225,541; Mar. 22; Serial No. 238,043; published Dec. 28, 1926.
Carnation Milk Products Company, Oconomowoc, Wis. Condensed and evaporated milk. 225,492; Mar. 22; Serial No. 239,964; published Jan. 11, 1927.
Carpenter, L. E., & Co., Inc., Newark, N. J. Artificial-leather cloth or artificial leather for bookbinding purposes. 225,452; Mar. 22; Serial No. 239,230; published Dec. 28, 1926.
Carter's Ink Company, The, Boston, Mass., and New York, N. Y., to The Carter's Ink Company, Cambridge, Mass. Typewriter ribbons and carbon paper. 63,186; renewed June 11, 1927.
Cascade Malt Extract Co. (See Bachrach-Feld Co., The.)
Castorlube Refining Company, San Francisco, Calif. Lubricating oil for internal-combustion engines. 225,520; Mar. 22; Serial No. 238,485; published Jan. 11, 1927.
Caswell, Harry P., Chicago, Ill. Adhesive paste. 225,500; Mar. 22.
Cattell, M. F., et al., executors and trustees. (See Lupton, M. A., Cattell, and Hortz.)
Champion Coated Paper Company, The, Hamilton, Ohio. Printing paper. 225,583; Mar. 22; Serial No. 222,823; published Jan. 4, 1927.
Chatfield, George R., assignor to The Aromanilla Company, Inc., New York, N. Y. Vanilla oil. 60,646; renewed Feb. 19, 1927.
Chemical Foundation, Incorporated, The. (See Actien-Gesellschaft für Anilin-Fabrikation, assignor.)
Chemical Foundation, Incorporated, The. (See Chemische Fabrik Griesheim-Elektron, assignor.)
Chemical Foundation, Incorporated, The. (See Farberke vorm. Meister Lucius & Brüning, assignor.)
Chemical Foundation, Incorporated, The. (See Pluvius-Feuerlöscher-Gesellschaft mit beschränkter Haftung, assignor.)
Chemical Foundation, Incorporated, The. (See Zeiss, Firm of Carl, The, assignor.)
Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. and New York N. Y. Detergent cleaning preparation. 61,628; renewed Apr. 2, 1927.
Chloride of Silver Dry Cell Battery Company, The, Baltimore, Md. Electrical apparatus. 60,128; renewed Jan. 29, 1927.
Churchill and Alden Company, Brockton, Mass. Rivets for shoes. 225,526; Mar. 22; Serial No. 240,804; published Jan. 11, 1927.
Clark, Albert J., doing business as Clark's Dollar Stores, Los Angeles, Calif. Dress shields, combs, manicure sets, etc. 225,703; Mar. 22; Serial No. 226,635; published Jan. 11, 1927.
Claro Milling Company, Minneapolis, Minn. Wheat flour. 225,612; Mar. 22; Serial No. 239,509; published Dec. 28, 1926.
Cleveland Provision Company, The, Cleveland, Ohio. Hams and breakfast bacon. 58,128; renewed Dec. 4, 1926.
Clinton Canning Co., Rome and Clinton, N. Y. Canned vegetables. 61,219; renewed Mar. 12, 1927.
Clinton Canning Co., Rome and Clinton, N. Y. Canned vegetables. 61,234–6; renewed Mar. 12, 1927.
Cluett, Peabody & Co. Inc., Troy, N. Y. Dress and negligee shirts. 225,684; Mar. 22; Serial No. 239,796; published Jan. 11, 1927.
Cohen, Charles J., assignor to Charles J. Cohen Company, Philadelphia, Pa. Paper and envelopes. 30,387; renewed July 20, 1927.
Cohn Goldwater Mfg. Co., Los Angeles, Calif. Men's clothing and children's play suits. 225,768; Mar. 22; Serial No. 236,194; published Jan. 4, 1927.
Cold Spring Granite Co., Cold Spring, Minn. Uncut granite. 225,720; Mar. 22; Serial No. 239,574; published Jan. 4, 1927.
Cole, G. W., Company, Rahway, N. J., and New York, N. Y., assignor to Three In One Oil Company, New York, N. Y. Oil. 61,545–6; renewed Mar. 26, 1927.
Colgate & Company, Jersey City, N. J. Soap chips. 225,536; Mar. 22; Serial No. 240,534; published Jan. 4, 1927.
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Rifles and guns. 58,249; renewed Dec. 11, 1926.
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Rifles and guns. 58,277–8; renewed Dec. 11, 1926.
Columbia Rope Company, Auburn, N. Y. Cordage. 61,075; renewed Mar 5, 1927.
Comet Company, The, Cleveland, Ohio. Dry-cell batteries. 225,682; Mar. 22; Serial No. 236,195; published Jan. 4, 1927.
Comstock, Andrew W., doing business as The 2 Minit Company, Benton Harbor, Mich., and Chicago, Ill. Shaving cream. 225,819; Mar. 22.
Conrad & Co. Inc., Boston, Mass. Women's, misses', and children's hats. 225,482; Mar. 22; Serial No. 238,899; published Jan. 4, 1927.
Consolidated Machine Tool Corporation of America. (See Newton Machine Tool Works, Incorporated.)
Contouré Laboratories, Inc., New York, N. Y. Massage apparatus. 225,680; Mar. 22; Serial No. 236,539; published Jan. 4, 1927.
Corbin, B. A., & Son Company, Webster, Mass., to B. A. Corbin & Son Company, Marlboro, Mass. Boots and shoes. 63,114; renewed June 4, 1927.
Corbin, Sons & Co., to Corbin Sons & Co., Chicago, Ill., successor. Tea. 63,700; renewed July 2, 1927.
Corby Baking Co. Inc., The, Washington, D. C., assignor to The Corby Baking Company, Inc. Bread and cake. 225,730; Mar. 22; Serial No. 198,987; published May 19, 1925.
Corticelli Silk Company, The, Florence, Mass. Threads of silk, cotton, flax, etc. 225,456; Mar. 22; Serial No. 239,743; published Jan. 4, 1927.
Cott-A-Lap Company, The, Somerville, N. J. Floor coverings and rugs having a felt base. 225,722–3; Mar. 22; Serial Nos. 239,640–1; published Jan. 11, 1927.
Coulson, Roy D., Seminary Hill, Tex. Preparation for coughs, colds, and all bronchial affections. 225,602; Mar. 22; Serial No. 234,197; published Jan. 4, 1927.

Crane, Edward W., Springfield, Mass. Preparation for shaving—namely, a beard softener and pore cleaner. 225,554; Mar. 22; Serial No. 237,225; published Jan. 4, 1927.
Crane, William M., Co., New York, N. Y., assignor to Standard Gas Equipment Corporation, Baltimore, Md., and New York, N. Y. Gas stoves and ranges and fittings and parts therefor. 63,250; renewed June 11, 1927.
Credit Relief Corporation, Charlottesville, Va. Blank forms. 225,606; Mar. 22; Serial No. 231,790; published Jan. 4, 1927.
Crescent Forge & Shovel Co., Havana, Ill. Plowshares. 225,796; Mar. 22.
Crippen, Arthur E., Ann Arbor, Mich. Stomach medicine. 225,516; Mar. 22; Serial No. 238,362; published Jan. 11, 1927.
Crispin Shoe Company, Haverhill, Mass. Women's leather shoes. 225,661; Mar. 22; Serial No. 240,487; published Jan. 4, 1927.
Crowley, John A., New York, N. Y. Tool steel. 60,130; renewed Jan. 29, 1927.
Cudahy Packing Company, The, Chicago, Ill., and South Omaha, Nebr., assignor to The Cudahy Packing Company, Chicago, Ill. Abrasive, cleansing, polishing, and scouring preparation. 62,127; renewed Apr. 28, 1927.
Curran & Joyce Company. (See Murphy, John F.)
Cynthia Mills, East Boston, Mass. Yarns and thread. 225,542; Mar. 22; Serial No. 237,870; published Jan. 4, 1927.
Czerwinski, Manka. (See Rubinstein, Manka, Inc., assignor.)
Dal-Tex Coffee Co., Dallas, Tex. Coffee, tea, spice, etc. 225,797; Mar. 22.
Dann Millinery Co., Incorporated, Philadelphia, Pa. Ladies' and misses' hats. 225,776; Mar. 22; Serial No. 231,471; published Jan. 4, 1927.
Darwin & Milner, Inc., Cleveland, Ohio. Safety-razor blades. 225,777; Mar. 22; Serial No. 232,250; published Jan. 11, 1927.
Davega, Inc., New York, N. Y. Ice skates. 225,694; Mar. 22; Serial No. 240,961; published Jan. 11, 1927.
Davenport Hosiery Mills, Chattanooga, Tenn. Hosiery. 225,631; Mar. 22; Serial No. 227,569; published Mar. 30, 1926.
Davies, Rose & Co., Ltd., Boston, Mass. Enteric-coated pills for gall-bladder visualization. 225,634; Mar. 22; Serial No. 223,086; published Jan. 4, 1927.
Davy Electrical Corporation, The, Brooklyn, N. Y. A-battery eliminators. 225,571; Mar. 22; Serial No. 240,344; published Jan. 4, 1927.
De Erven de Wed. Van Nelle, new firm, assignee of De Erven de Wed. J. Van Nelle, to De Erven de Wed. J. van Nelle, Rotterdam, Netherlands, successor. Smoking tobacco, cigars, cigarettes, and snuff. 61,497; renewed Mar. 26, 1927.
Delaney, J. M. & Co., New York, N. Y., assignor to J. M. Delaney Co. Inc., Meriden, Conn. Sole leather and products. 59,660; renewed Jan. 15, 1927.
Delapenha, R. U., & Co., Inc., New York, N. Y. Candy, crystallized ginger, olives, candied citron, etc. 225,701; Mar. 22; Serial No. 232,762; published Jan. 11, 1927.
Delaware Shoe Manufacturing Company, The, Delaware, Ohio. Leather and composition soles for shoes. 225,758; Mar. 22; Serial No. 238,642; published Jan. 11, 1927.
De Leoton Co. (See Stapleton, Edward A.)
De Long Hook and Eye Company, The, Philadelphia, Pa. Safety pins of nonprecious metal. 225,491; Mar. 22; Serial No. 239,974; published Jan. 11, 1927.
Dermatine Company, Limited, London, England. Non-metallic articles—packing for joints, vehicle tires, etc. 225,770; Mar. 22; Serial No. 236,200; published Jan. 11, 1927.
De Terry, F. C. (See Ross, W. A., & Brother, Incorporated, assignor.)
Detroit Range Boiler & Steel Barrel Company, Detroit, Mich. Apparatus for feeding rust-preventing compounds into water systems. 225,765; Mar. 22; Serial No. 235,640; published Jan. 11, 1927.
De Veau Telephone Manufacturing Company, New York, N. Y. Electrical apparatus. 58,519; renewed Dec. 18, 1926.
Develon, Thomas, jr., Philadelphia, Pa. Woven rugs and floor coverings. 225,470; Mar. 22; Serial No. 239,647; published Jan. 11, 1927.
Develon, Thomas, jr., Philadelphia, Pa. Woven rugs and floor coverings. 225,471; Mar. 22; Serial No. 239,644; published Jan. 11, 1927.
Develon, Thomas, jr., Philadelphia, Pa. Woven rugs and floor coverings. 225,724; Mar. 22; Serial No. 239,645; published Jan. 11, 1927.
Dictaphone Corporation, Bridgeport, Conn. Speaking tubes and parts thereof. 225,811; Mar. 22.
Dodd, Horace G., doing business as Eastern Pharmaceutical Co., Richmond, Va. Medicines in capsule form. 225,741; Mar. 22; Serial No. 238,778; published Jan. 4, 1927.
Dolan Mercantile Company, The, Atchison, Kans. Coffee. 64,135; renewed July 23, 1927.
Dombrow, Rudolph C., Riverside, Ill. Columnar forms and covers for the same. 225,683; Mar. 22; Serial No. 240,406; published Jan. 4, 1927.
Douglas, H. Henry. (See Sanford & Bennett, assignors.)
Douglis-Mack, Chas., Co. Inc., doing business as Piccadilly Stripe Co. Inc., New York, N. Y. Men's, young men's, and boys' clothes. 225,465; Mar. 22; Serial No. 239,096; published Jan. 4, 1927.
Dow, F. H. & Company, Boston, Mass., to F. H. Dow Company, Cambridge, Mass., successor. Chocolates and bonbons. 60,454; renewed Feb. 12, 1927.
Downs Inc., Chicago, Ill. Men's and boys' caps. 225,490; Mar. 22; Serial No. 240,022; published Jan. 11, 1927.
Drake, J. A. & Sons, Inc., Reedley, Calif. Motor-block valve seats. 225,813; Mar. 22.
Drem Products Corporation. (See Benedik, Nikolaus.)
Ducharne, F., Silk Co. Inc., New York, N. Y. Velvet piece goods of silk and rayon. 225,557–8; Mar. 22; Serial Nos. 240,408–9; published Jan. 11, 1927.
Dunlop Pneumatic Tyre Company, Limited, London, England, assignor by mesne assignments to Dunlop Tire and Rubber Corporation of America, Buffalo, N. Y. Vehicle tires and parts thereof. 29,240; renewed Dec. 1, 1926.
Duplan Silk Corporation, New York, N. Y. Artificial-silk piece goods. 225,620; Mar. 22; Serial No. 241,140; published Jan. 11, 1927.
Eagle Knitting Mills, Milwaukee, Wis. Knit goods. 225,455; Mar. 22; Serial No. 239,745; published Jan. 11, 1927.
Eagle Knitting Mills, Milwaukee, Wis. Knit goods. 225,626; Mar. 22; Serial No. 218,055; published June 8, 1926.
Eagle Lamp Company, Danvers, Mass., assignor to General Electric Company, Schenectady, N. Y. Incandescent lamps. 61,443; renewed Mar. 19, 1927.
Eagle Pencil Company, New York, N. Y. Lead pencils. 225,607; Mar. 22; Serial No. 229,782; published Jan. 4, 1927.
Easterbrook Steel Pen Mfg. Co., Camden, N. J., and New York, N. Y., to The Easterbrook Steel Pen Manufacturing Company, Camden, N. J. Metallic pens. 63,490; renewed June 25, 1927.
Eastern Pharmaceutical Co. (See Dodd, Horace G.)
Egyptian Lacquer Manufacturing Company, The, New York, N. Y. Lacquer. 225,590; Mar. 22; Serial No. 215,903; published May 18, 1926.
Eisendrath, Benjamin D., Racine, Wis., assignor, by mesne assignments, to B. D. Eisendrath Tanning Co., Chicago, Ill. Horse hides and colt skins. 55,345; renewed Aug. 14, 1926.
Electric Company, The, Hartford, Conn. Electrical connecting devices for making and breaking circuits. 225,544; Mar. 22; Serial No. 237,658; published Dec. 28, 1926.
Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Electric vacuum cleaners and parts thereof. 225,677; Mar. 22; Serial No. 237,317; published Jan. 4, 1927.
Electro Thermal Company, The, Steubenville, Ohio. Medicated lubricant for use for piles or hemorrhoids, etc. 225,759; Mar. 22; Serial No. 238,644; published Jan. 4, 1927.
Elfenbein, Al S., doing business as Sunlight Paint Products, Brooklyn, N. Y. Paints, varnishes, etc. 225,568; Mar. 22; Serial No. 240,349; published Dec. 28, 1926.
Elin and Golub, Chicago, Ill., and Albion, Ind. Children's wear. 225,727; Mar. 22; Serial No. 224,325; published Jan. 4, 1927.
Ely & Walker Dry Goods Company, St. Louis, Mo. Textile towels. 225,653; Mar. 22; Serial No. 239,848; published Jan. 11, 1927.
Endicott-Johnson Company, assignor to Endicott Johnson Corporation, Endicott, N. Y. Boots and shoes. 63,152; renewed June 11, 1927.
Endicott-Johnson Company, assignor, by mesne assignments, to Endicott Johnson Corporation, Endicott, N. Y. Boots and shoes. 63,468; renewed June 25, 1927.
Endicott Johnson Corporation, Endicott, N. Y. Leather boots and shoes. 225,495; Mar. 22; Serial No. 239,923; published Jan. 4, 1927.
Erben, Adolf Schmids, Aktiengesellschaft, Bern, Switzerland. Lubricating oils and greases. 225,513; Mar. 22; Serial No. 238,285; published Jan. 11, 1927.
Esmond Mills, The, Esmond, Smithfield, R. I. Textile blankets. 225,546; Mar. 22; Serial No. 237,598; published Jan. 4, 1927.
Evernu Rubber Heel Corporation, New York, N. Y. Rubber caps. 225,494; Mar. 22; Serial No. 239,924; published Jan. 11, 1927.
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Dyes. 62,108; renewed Apr. 16, 1927.
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Dyestuffs applicable in coloring and printing processes. 62,109; renewed Apr. 16, 1927.
Farquhar Furnace Company, The, Wilmington, Ohio. Furnaces. 225,522; Mar. 22; Serial No. 238,576; published Jan. 11, 1927.
Fassio, Angelo, doing business as Horse Shoe Pickle Works, Ltd., New Orleans, La. Pickles, mustard, catsup, chow-chow, and pepper. 62,170; renewed Apr. 23, 1927.

Federal Distributing Company, Seattle, Wash. Fur-bearing animals, such as badgers, coons, fishers, foxes, martens, etc. 225,540; Mar. 22; Serial No. 238,210; published Jan. 4, 1927.
Fernsler, Edward S. (See Spinol Company, The.)
Fevre & Cie., Paris, France. Uncut rock and marble. 225,778; Mar. 22; Serial No. 232,918; published Dec. 28, 1926.
Fischer Manufacturing Company, The, Milwaukee, Wis. Bunion protectors. 225,802; Mar. 22.
Fits-U Cap Co., St. Louis, Mo. Headwear. 225,498; Mar. 22; Serial No. 239,882; published Jan. 11, 1927.
Fitzgibbon Co. Inc., The, New York, N. Y. Gloves. 225,458; Mar. 22; Serial No. 239,704; published Jan. 11, 1927.
Flash Chemical Company, Boston, Mass., to Flash Chemical Company, Cambridge, Mass. Cleaning paste. 60,521; renewed Feb. 12, 1927.
Florence Manufacturing Co., The, assignor to Pro-phy-lactic Brush Company, Northampton, Mass. Brushes. 29,862; renewed Apr. 20, 1927.
Florence Manufacturing Co., Northampton, Mass., New York, N. Y., and Chicago, Ill., assignor to Pro-phy-lactic Brush Company, Northampton, Mass. Brushes. 29,986; renewed May 11, 1927.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 225,527; Mar. 22; Serial No. 240,779; published Jan. 4, 1927.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 225,528–9; Mar. 22; Serial Nos. 240,776–7; published Jan. 4, 1927.
Foster, Edwin J., and George R. (See Kearsarge Peg Company, assignor.)
Fouard, Eugène H., Vincennes, France. Colloidal preparations of silver, copper, mercury, arsenic, etc. 225,726; Mar. 22; Serial No. 224,134; published Jan. 11, 1927.
Franklin Baker Company, Hoboken, N. J. Prepared cocoanut. 225,704; Mar. 22; Serial No. 223,434; published Jan. 11, 1927.
Franklin Oil Heating, Inc., Columbus, Ohio. Oil burners. 225,489; Mar. 22; Serial No. 240,023; published Jan. 11, 1927.
Franklin Simon & Co. Inc., New York, N. Y. Horological instruments consisting of watches. 225,567; Mar. 22; Serial No. 240,411; published Jan. 11, 1927.
Franklin Simon & Co. Inc., New York, N. Y. Monthly publication and house organ. 225,598; Mar. 22; Serial No. 235,947; published Jan. 4, 1927.
French, Samuel H., & Co., assignor to Samuel H. French & Co., Philadelphia, Pa. Painters' materials. 62,510; renewed May 14, 1927.
French, Samuel H., & Co., assignor to Samuel H. French & Co., Philadelphia, Pa. White lead and zinc white. 62,833; renewed May 28, 1927.
French, Samuel H., & Co., assignor to Samuel H. French & Co., Philadelphia, Pa. White lead and zinc white. 62,835; renewed May 28, 1927.
Fries, Harold H., doing business as Fries Bros., New York, N. Y. Chloride of ethyl. 63,705; renewed July 2, 1927.
Fritzsche Brothers, assignor to Fritzsche Brothers, Inc., New York, N. Y. Chemical preparations. 62,432; renewed May 7, 1927.
Fuelo Corporation, The, Washington, D. C. Oil burners. 225,474; Mar. 22; Serial No. 239,849; published Jan. 11, 1927.
Gabriel Tubular Furnace Co., Tacoma, Wash. Coal, wood, and oil burning furnaces. 225,790; Mar. 22.
Gallaway, G. W., New York, N. Y. Glass polish. 225,755; Mar. 22; Serial No. 240,138; published Jan. 4, 1927.
Galvanoni & Febbraro Co. Inc., New York, N. Y. Cheese. 225,654; Mar. 22; Serial No. 239,927; published Dec. 28, 1926.
Ganbarg, Leo, doing business as Arcadia Pharmacal Company, New York, N. Y. Pharmaceutical preparations—namely, a sirup for coughs and colds. 225,509; Mar. 22; Serial No. 239,405; published Jan. 4, 1927.
Generaldirektion der Osterr Tabakregie, Vienna, Austria. Cigars, cigarettes, smoking tobacco, etc. 225,599; Mar. 22; Serial No. 234,779; published Jan. 4, 1927.
General Electric Company. (See Buckeye Electric Company, The, assignor.)
General Electric Company. (See Eagle Lamp Company, assignor.)
General Electric Company, Schenectady, N. Y. Rosettes. 60,523; renewed Feb. 12, 1927.
General Incandescent Lamp Company, The, Cleveland, Ohio, assignor to General Electric Company, Schenectady, N. Y. Incandescent lamps. 60,163; renewed Jan. 20, 1927.
Gianfranchi, Ferdinand, doing business as F. Gianfranchi Company, Boston, Mass. Olive oil. 225,656; Mar. 22; Serial No. 240,252; published Jan. 11, 1927.
Glidner Brothers Clothing Company, Marshalltown, Iowa. Men's clothing—namely, suits and overcoats. 225,657; Mar. 22; Serial No. 240,254; published Jan. 11, 1927.
Glidden Company, The. (See Adams & Elting Co., assignor.)
Godson Contracting Company, Ltd., Toronto, Ontario, Canada. Pavements of asphalt laid on concrete, etc. 225,769; Mar. 22; Serial No. 236,208; published Dec. 28, 1926.
Goodrich, B. F., Company, The, New York, N. Y. Sport shoes. 225,517; Mar. 22; Serial No. 238,372; published Dec. 28, 1926.
Grand Silver Company and Grand Metal Spinning Company. (See Kostrinsky, Abraham.)
Great Bear Spring Company, New York, N. Y. Sparkling water. 225,535; Mar. 22; Serial No. 240,543; published Jan. 4, 1927.
Great Bear Spring Company, New York, N. Y. Sparkling water. 225,663; Mar. 22; Serial No. 240,544; published Jan. 11, 1927.
Green, Edwin M., executor of Albert W. Green, deceased, St. Louis, Mo., assignor to United States Trust Company of New York, New York, N. Y. Cotton sheetings. 53,629; renewed June 5, 1926.
Green, G. G., Inc. (See Lupton, M. A., Cattell, and Hortz, assignors.)
Gretsch, Fred., Manufacturing Company, The, Brooklyn, N. Y. Musical instruments. 225,805; Mar. 22.
Guarantee Liquid Measure Company, Rochester, Pa. Liquid measuring and dispensing pumps. 225,507; Mar. 22; Serial No. 239,411; published Jan. 11, 1927.
Guide Motor Lamp Manufacturing Company, The, Cleveland, Ohio. Electrical lamps for automobiles. 225,584; Mar. 22; Serial Nos. 222,115–17; published Jan. 4, 1927.
Guiterman Bros., to Guiterman Bros. Inc., St. Paul, Minn., successor. Outing shirts for men and women. 50,512; renewed Mar. 20, 1926.
Guth, Edwin F., Company, The, St. Louis, Mo. Stationary electric-lighting fixtures. 225,806; Mar. 22.
Hage, J. D., & Co., New York, N. Y. Sugar sirups. 29,375; renewed Dec. 29, 1926.
Hall, William & Co., Limited. (See Wright, George A., assignor.)
Hanes Hosiery Mills Company, Winston-Salem, N. C. Hosiery. 225,780; Mar. 22; Serial No. 234,780; published Jan. 4, 1927.
Hanover Stout Malt Company, The. (See Michlin, John M.)
Hawin Company, The, Brooklyn, N. Y. Perfumery. 225,613; Mar. 22; Serial No. 239,473; published Jan. 4, 1927.
Hayes Pump & Planter Company, Galva, Ill. Spray guns. 225,641; Mar. 22; Serial No. 220,775; published Jan. 11, 1927.
Hepner Incorporated, Los Angeles, Calif. Hair structures. 225,466; Mar. 22; Serial No. 239,107; published Dec. 28, 1926.
Hercules Gasoline Co., Los Angeles, Calif. Motor oils, lubricating greases, gasoline, distillate, kerosene, etc. 225,672; Mar. 22; Serial No. 237,807; published Jan. 4, 1927.
Herskowits, Abe, Oklahoma City, Okla. Hosiery. 225,569; Mar. 22; Serial No. 240,353; published Jan. 11, 1927.
Higgins, William J., doing business as Mayfair Margarin Company, Providence, R. I. Butterine. 225,650; Mar. 22; Serial No. 239,033; published Jan. 4, 1927.
Hitt Fireworks Company, Seattle, Wash. Fireworks. 225,469; Mar. 22; Serial No. 239,656; published Jan. 11, 1927.
Hoffman, Samuel L., doing business as S. L. Hoffman & Co., New York, N. Y. Men's dressing gowns. 225,533; Mar. 22; Serial No. 240,606; published Jan. 4, 1927.
Holzapfel's Compositions Company, Limited, Newcastle-on-Tyne, England, assignor to The International Paint & Compositions Co. Ltd., London, England. Anti-corrosive and antifouling paint, mixed paint, and enamels. 61,631; renewed Apr. 2, 1927.
Holzapfel's Compositions Company, Limited, Newcastle-on-Tyne, England, assignor to The International Paint & Compositions Co. Ltd., London, England. Aluminum paint. 62,781; renewed May 28, 1927.
Hoppe, Frank A., assignor to Frank A. Hoppe, Inc., Philadelphia, Pa. Liquid chemical composition. 63,643; renewed July 2, 1927.
Horse Shoe Pickle Works, Ltd. (See Fazzio, Angelo.)
Hortz, L. M., et al., executors and trustees. (See Lupton, M. A., Cattell, and Hortz.)
Hrejsa, Joseph F., Chicago, Ill. Pills for constipation. 225,595; Mar. 22; Serial No. 211,105; published Oct. 27, 1925.
Huet, L., and E. Ligier, to Canuet Freres, Paris, France, successor. Buttons. 61,898; renewed Apr. 9, 1927.
Hutchison, J. C., Queen City, Tex., to J. C. Hutchison, Texarkana, Tex. Medicine. 60,605; renewed Feb. 12, 1927.
Hyde, Alice, Flint, Mich. Cleaning and polishing compound. 225,794; Mar. 22.
Ichthyol Gesellschaft, Cordes, Hermanni & Co., Hamburg, Germany, assignor to The Ichthyol Co., Rahway, N. J. Lubricants, varnishes, resins, mineral oils, petroleum, naphtha, and oils obtained from carbonaceous substances. 29,939; renewed May 4, 1927.
Imperial Merchandise Company, The, Perry, Ohio. Radio receiving sets. 225,582; Mar. 22; Serial No. 223,173; published Jan. 4, 1927.
Imperial Merchandise Company, The, Perry, Ohio. Radio receiving sets. 225,636; Mar. 22; Serial No. 223,171; published Jan. 4, 1927.
Imperial Merchandise Co., Perry, Ohio. Radio vacuum tubes. 225,637; Mar. 22; Serial No. 223,172; published Jan. 4, 1927.

Indianapolis Glove Company, Indianapolis, Ind. Canvas work gloves. 225,658; Mar. 22; Serial No. 240,354; published Jan. 11, 1927.
Interceptor Chemical Co., Newark, N. J. Preventive for infection. 225,473; Mar. 22; Serial No. 239,858; published Jan. 11, 1927.
International Paint & Compositions Co. Ltd., The. (See Holzapfel's Compositions Company, Limited, assignor.)
Interstate Wine Company, The, Baltimore, Md. Port and sherry wines. 225,472; Mar. 22; Serial No. 239,859; published Jan. 11, 1927.
Ironsides Company, The, Columbus, Ohio. Iron paint, roofing paint, etc. 225,608; Mar. 22; Serial No. 240,657; published Jan. 4, 1927.
Ironsides Company, The, Columbus, Ohio. Iron and roofing paints, paint thinner, etc. 225,691; Mar. 22; Serial No. 240,656; published Jan. 4, 1927.
Jiffy Remedies Company, Chicago, Ill. Bunion, corn, and callus plasters and foot powder. 225,603; Mar. 22; Serial No. 233,777; published Nov. 16, 1926.
Johns-Pratt Company, The. (See Arknot Co., The, assignor.)
Joliet Macaroni Company, Joliet, Ill. Spaghetti, macaroni, and egg noodles. 225,738; Mar. 22; Serial No. 238,725; published Jan. 11, 1927.
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety matches. 62,726–7; renewed May 21, 1927.
Jupiter Remedy Co., The. (See Weiner, Wm.)
Kalish, Ben, New York, N. Y. Women's and children's fur neck pieces and fur coats. 225,788; Mar. 22; Serial No. 237,270; published Jan. 11, 1927.
Kampfe Bro's., New York, N. Y., assignor to Star Safety Razor Corporation, Brooklyn, N. Y. Razors and razor blades. 62,751; renewed May 21, 1927.
Kampfe Bro's., New York, N. Y., assignor to Star Safety Razor Corporation, Brooklyn, N. Y. Safety razors, razor blades and safety corn knives. 62,752–3; renewed May 21 1927.
Kampfe Bro's., New York, N. Y., assignor to Star Safety Razor Corporation, Brooklyn, N. Y. Razor strops. 62,811; renewed May 28, 1927.
Kansas City Wholesale Grocery Co., Kansas City, Mo. Canned vegetables, fruit, dried fruit, canned salmon, canned hominy, etc. 225,711; Mar. 22; Serial No. 236,611; published Jan. 11, 1927.
Kearns, George B., Chicago, Ill. Automobile battery-terminal clamps. 225,737; Mar. 22; Serial No. 204,663; published Jan. 4, 1927.
Kearsarge Peg Company, Bartlett, N. H., assignor to Edwin J. Foster & George R. Foster, doing business as Kearsarge Peg Co., Plymouth, N. H. Wooden pegs. 59,257; renewed Jan. 1, 1927.
Keen, Geo. T., Inc., Washington, D. C. Men's and boys' suits and overcoats. 225,686; Mar. 22; Serial No. 239,755; published Jan. 11, 1927.
Kennedy Products Co., Gloversville, N. Y. Liniment in paste form. 225,747; Mar. 22; Serial No. 233,006; published Jan. 11, 1927.
Keuffel & Esser Company, Hoboken, N. J. Drawing instruments. 59,013; renewed Dec. 25, 1926.
Keuffel & Esser Company, Hoboken, N. J. Drawing paper. 61,564; renewed Mar. 26, 1927.
Keuffel & Esser Company, Hoboken, N. J. Drawing paper. 61,585; renewed Mar. 26, 1927.
Kidde, Regnar, Chappaqua, N. Y. Automobile heaters. 225,743; Mar. 22; Serial No. 232,615; published Jan. 11, 1927.
King, Thomas W., doing business as Doctor King, Lamoni, Iowa. Throat gargle and spray. 225,742; Mar. 22; Serial No. 238,793; published Jan. 1, 1927.
Klemm, Charles W., assignor to C. W. Klemm, Inc., Bloomington, Ill. Children's suits. 53,179; renewed May 29, 1926.
Knickerbocker Clothing Company, St. Louis, Mo. Suits, trousers, coats, and jackets for men, boys, and children. 225,699; Mar 22; Serial No. 230,469; published Dec. 28, 1926.
Kosai Matsushita, New York, N. Y. Metallic sheet fabrics having an adhesive on one side thereof and capable of attachment to a surface by means of heat. 225,676; Mar 22; Serial No. 237,606; published Dec. 28, 1926.
Kostrinsky, Abraham, doing business as Grand Silver Company and Grand Metal Spinning Company New York, N. Y. Confectioners' and restaurants' silverware. 225,817; Mar. 22.
Kurz & Lapidus, Inc., Brooklyn, N. Y. Shoes. 225,539; Mar. 22; Serial No. 238,225; published Jan. 11, 1927.
Kurz & Lapidus, Inc., Brooklyn, N. Y. Shoes. 225,809; Mar. 22.
Lake Region Co-Operative Egg & Poultry Exchange, St. Paul, Minn. Eggs and dressed poultry. 225,506; Mar. 22; Serial No. 239,480; published Jan. 4, 1927.
Landres, Arnold G., doing business as Amplex Instrument Laboratories, New York, N. Y. Radio receiving sets. 225,502; Mar. 22; Serial No. 239,528; published Jan. 4, 1927.
Lane, Toma L., New York, N. Y. Floor mats for the bath. 225,721; Mar. 22; Serial No. 239,588; published Jan. 4, 1927.
Langsdorf, S., & Co. Inc., New York, N. Y. Toilet and manicure sets made from base material such as celluloid, wood pulp, etc. 225,615; Mar. 22; Serial No. 228,430; published Jan. 4, 1927.
Lawry, Rolla C., doing business as Moon Laboratories, St. Louis, Mo. Pharmaceutical and toilet preparations. 225,774; Mar. 22; Serial No. 231,383; published Jan. 11, 1927.
Lehmann, Ernst P., to Ernst P. Lehmann Patentwerk, Bradenburg-on-the-Havel, Germany. Sheet-metal and mechanical toys. 60,925; renewed Feb. 26, 1927.
Leland Benjamin & Company. (See Ansehl, Benjamin.)
Lemur, S., Company, The, Cleveland, Ohio. Waving machines and equipment for permanent-hair-waving machines, such as curler rods, pads, shields, and tubes. 225,578; Mar. 22; Serial No. 228,474; published Jan. 4, 1927.
Lever Brothers Company. (See Union Oil Company, assignor.)
Lindeke, Warner & Sons, St. Paul, Minn. Play suits. 225,625; Mar. 22; Serial No. 217,167; published Oct. 13, 1925.
Lindgren, John, Golden, Colo. Medicine for use in the treatment of cancer. 225,486; Mar. 22; Serial No. 239,040; published Jan. 11, 1927.
Livingston, M., & Company, Incorporated, Paducah Hickman, and Fulton, Ky., and Paris, Tenn. Coffee, mustard, mincemeat, cocoa, spices, etc. 225,706; Mar. 22; Serial No. 214,208; published Jan. 11, 1927.
Lorel, Robert, New York, N. Y. Ladies' and misses' robes. 225,453; Mar. 22; Serial No. 239,255; published Jan. 4, 1927.
Lowenfeld, Henri, Paris, France. Fancy boxes and holders of paper and metal for soap. 225,772; Mar. 22; Serial No. 229,804; published Jan. 11, 1927.
Lueders, George & Co., New York, N. Y. Compound oils for making perfumes. 63,579; renewed June 25, 1927.
Luminex Company, New York, N. Y. Electric candles. 225,615; Mar. 22; Serial No. 238,325; published Jan. 4, 1927.
Lupton, Mary A., M. F. Cattell, and P. S. Hortz, executors and trustees of Lewis M. Green, deceased, assignors to G. G. Green Inc., Woodbury, N. J. Preparation for the treatment of diseases of the throat and lungs. 62,619; renewed May 14, 1927.
Lupton, Mary A., M. F. Cattell, P. S. Hortz, executors and trustees of Lewis M. Green, deceased, assignors to G. G. Green, Inc., Woodbury, N. J. Preparation for the cure of dyspepsia. 62,696; renewed May 21, 1927.
Lustberg, Nast & Co. Inc., New York, N. Y. Dress and negligee shirts. 225,538; Mar. 22; Serial No. 238,228; published Jan. 4, 1927.
Luyties, Frederick A., assignor to Luyties Pharmacal Company, St. Louis, Mo. Laxative medicines. 59,752; renewed Jan. 15, 1927.
Lynchburg Shoe Co., assignor to Lynchburg Shoe Co. Inc., Lynchburg, Va. Boots and shoes. 62,798; renewed May 28, 1927.
Lysol, Incorporated, Bloomfield, N. J. Soap, shaving cream, and preparations having cleaning qualities. 225,545; Mar. 22; Serial No. 237,610; published Jan. 4, 1927.
Maas, Albert G., Indianapolis, Ind. Preparation for exterminating water bugs, roaches, ants, etc. 225,501; Mar. 22; Serial No. 239,532; published Jan. 11, 1927.
Mack, M. J., Co., Inc., New York, N. Y. Cotton goods in the piece. 225,744; Mar. 22; Serial No. 232,734; published Jan. 4, 1927.
Magosy, & Buscher, New York, N. Y. Mutes for brass wind musical instruments. 225,814; Mar. 22.
Maricopa Creamery Co., The, Phoenix, Ariz. Butter. 225,782; Mar. 22; Serial No. 240,270; published Dec. 28, 1926.
Maryland Glass Corporation, Baltimore, Md. Glass bottles. 225,523; Mar. 22; Serial No. 238,602; published Jan. 11, 1927.
Master Cord Belt Company, The, Denver, Colo. Gloves made of rubberized fabric. 225,639; Mar. 22; Serial No. 223,794; published Jan. 11, 1927.
Mayer, J., & Sohn, Offenbach-on-the-Main, Germany. Leather. 225,587; Mar. 22; Serial No. 238,275; published Jan. 4, 1927.
Mayfair Margarin Company. (See Higgins, William J.)
Mazawattee Tea Company, Limited, The, London, England. Tea. 64,289; renewed July 30, 1927.
McCaskill, Virgil K., doing business as Texas Phonograph Co., Amarillo, Tex. Phonographs. 225,512; Mar. 22; Serial No. 239,376; published Jan. 11, 1927.
McLanathan, Frank W., doing business as F. W. McLanathan & Son, Lawrence, Mass. Leather belting. 225,693; Mar. 22; Serial No. 240,823; published Jan. 11, 1927.
McLoughlin Manufacturing Company, Indianapolis, Ind. Underwear of textile fabric. 225,671; Mar. 22; Serial No. 236,944; published Nov. 2, 1926.
McMartin, Dona I., Los Angeles, Calif. Alterative and tonic. 225,505; Mar. 22; Serial No. 239,481; published Jan. 11, 1927.
Meier & Frank Company, Portland, Oreg. Musical instruments. 225,675; Mar. 22; Serial No. 238,604; published Jan. 4, 1927.
Melbar Manufacturing Co., Inc., San Francisco, Calif. Soap compound. 225,762; Mar. 22; Serial No. 235,223; published Jan. 4, 1927.
Mermentau Rice Mill Co., Inc., Mermentau, La. Rice. 225,609; Mar. 22; Serial No. 239,763; published Dec. 28, 1926.

Merritt Supply Co., Albany, Calif. Paints, turpentine, linseed oil, etc. 225,668; Mar. 22; Serial No. 233,212; published Jan. 4, 1927.
Meyenberg, J. P., Inc., Salinas, Calif. Canned milk used as infants' food. 225,483–4; Mar. 22; Serial Nos. 238,913–14; published Jan. 11, 1927.
Meyenberg, J. P., Inc., Salinas, Calif. Canned milk used as infants' food. 225,787; Mar. 22; Serial No. 238,912; published Jan. 11, 1927.
Michlin, John M., doing business as The Hanover Stout Malt Company, Altoona, Pa. Malt sirup. 225,799; Mar. 22.
Mills, H. E., Limited, London, England. Mackintoshes, waterproof coats, etc. 225,739; Mar. 22; Serial No. 238,730; published Jan. 11, 1927.
Mirsky, M. D., & Co. Inc., New York, N. Y. Nurses', maids', and waitresses' uniforms and aprons and dresses for women. 225,574; Mar. 22; Serial No. 240,314; published Jan. 11, 1927.
Modell, Henry, doing business as Modell's, New York, N. Y. Tents and tenting and camping outfits. 225,792; Mar. 22.
Monohansett M'f'g. Co., The, Putnam, Conn., assignor, by mesne assignments, to Ridley Watts & Co., New York, N. Y. Cotton sheetings, shirtings, and drills, brown and bleached. 63,580; renewed June 25, 1927.
Moon Laboratories. (See Lawry, Rolla C.)
Morrall, Abel, Limited, Redditch, England. Blackhead pins. 56,485; renewed Oct. 2, 1926.
Morrall, Abel, Limited, Redditch, England. Toilet pins and glass headed pins. 58,432; renewed Dec. 18, 1926.
Morrall, Abel, Limited, Redditch, England. Bodkins and hand sewing needles. 58,461; renewed Dec. 18, 1926.
Morton & Totten, New York, N. Y. Dusting caps. 225,754; Mar. 22; Serial No. 240,148; published Jan. 11, 1927.
Mouson, J. G., & Co., Frankfort-on-the-Main, Germany. Soaps. 54,788; renewed July 31, 1926.
Mouson, J. G., & Co., Frankfort-on-the-Main, Germany. Toilet soap. 54,789; renewed July 31, 1926.
Mulhern, John, Company, San Francisco, Calif. Grape punch. 225,534; Mar. 22; Serial No. 240,561; published Jan. 4, 1927.
Munro, Herbert E., doing business as Banner Manufacturing Company, Detroit, Mich. Hair tonic. 225,566; Mar. 22; Serial No. 240,429; published Jan. 4, 1927.
Murphy, John F., doing business as Curran & Joyce Company, Lawrence, Mass. Nonalcoholic, maltless beverages sold as soft drinks. 225,587; Mar. 22; Serial No. 221,135; published Jan. 4, 1927.
Murray Drug Co., The, Columbia, S. C. Remedy. 63,645; renewed July 2, 1927.
Musco, Nicolo, New York, N. Y. Canned olive oil. 225,669; Mar. 22; Serial No. 236,431; published Dec. 21, 1926.
Nacarate, John, Brooklyn, N. Y. Medicinal preparation in the treatment of rheumatism. 225,748; Mar. 22; Serial No. 233,653; published Jan. 11, 1927.
Nash, Duane H., Inc., Millington, N. J., assignor, by mesne assignments, to Nash-Acme Harrow Co., Philadelphia, Pa. Pulverizing harrows, clod crushers, and levelers. 62,852–3; renewed May 28, 1927.
National Carbon Company, Cleveland, Ohio, assignor to National Carbon Company, Inc., New York, N. Y. Dry batteries. 62,178; renewed Apr. 23, 1927.
National Department Stores, Inc., New York, N. Y. Toilet preparations. 225,648; Mar. 22; Serial No. 200,518; published Dec. 22, 1925.
National Grocer Company, Chicago, Ill., to National Grocer Company, Detroit, Mich. Fruits, vegetables, preserves, and jellies. 56,462; renewed Sept. 25, 1926.
National Oil and Chemical Company, Philadelphia, Pa. Cleanser compound for metals and the human hands by emulsification. 225,643; Mar. 22; Serial No. 218,770; published Dec. 28, 1926.
National Stores Corporation, Trenton, N. J. Tea, coffee, bread, canned fruits, and canned vegetables. 225,707; Mar. 22; Serial No. 204,974; published Jan. 11, 1927.
Neutrasol Products Corporation, New York, N. Y. Textile fibers and threads. 225,783; Mar. 22; Serial No. 229,354; published Jan. 4, 1927.
Newton Machine Tool Works, Incorporated, Philadelphia, Pa., to Consolidated Machine Tool Corporation of America, Rochester, N. Y., successor. Machinery. 62,316; renewed Apr. 30, 1927.
New York Electric Supply and Fixture Co. (See Abrams, Harry A.)
Nicholson-Feinberg, Inc., New York, N. Y. Hosiery. 225,550; Mar. 22; Serial No. 237,382; published Oct. 26, 1926.
Nickols Manufacturing Company, Inc., Seattle, Wash. Dress aprons. 225,555; Mar. 22; Serial No. 237,087; published Dec. 28, 1926.
Norton, Le Roy M., doing business as United Thread Mills, Kansas City, Mo. Cones, tubes, spools, boxes, and skeins of thread. 225,532; Mar. 22; Serial No. 240,620; published Jan. 4, 1927.
Nostane Products Company, Brooklyn, N. Y. Dry-cleaning fluid. 225,610; Mar. 22; Serial No. 239,671; published Jan. 4, 1927.
Nox-Pyorrhea Company, Florence, S. C. Preparation for pyorrhea and for cleaning and preserving the teeth. 225,450; Mar. 22; Serial No. 239,820; published Jan. 11, 1927.
Nu-Mode Materials, Indianapolis, Ind. Cleaning fluid for clothes and other materials. 225,820; Mar. 22.
Nu-Way Shoe Co., New York, N. Y. Shoes. 225,731; Mar. 22; Serial No. 203,891; published May 18, 1926.
Odell Company, Inc., The, Newark, N. J. Toilet requisites. 225,500; Mar. 22; Serial No. 239,539; published Jan. 11, 1927.
Okonite-Callender Cable Company, Incorporated, The, Paterson, N. J. Mineral oil. 225,457; Mar. 22; Serial No. 239,714; published Jan. 4, 1927.
Old Cincy Products Co., Cincinnati, Ohio. Malt sirup for food purposes. 225,752; Mar. 22; Serial No. 240,209; published Jan. 11, 1927.
O'Neil Oil & Paint Co., Milwaukee, Wis. Lubricating oils and greases. 225,596; Mar. 22; Serial No. 205,706; published May 25, 1926.
Orange Shoe Company, Orange, Mass. Boots and shoes. 225,468; Mar. 22; Serial No. 239,672; published Jan. 11, 1927.
Oskamp Nolting Co., The, Cincinnati, Ohio. Toilet soap. 225,467; Mar. 22; Serial No. 239,195; published Jan. 4, 1927.
Ostrow, S., doing business as S. Ostrow Co., New York, N. Y. Ladies' hats. 225,713; Mar. 22; Serial No. 236,706; published Jan. 11, 1927.
Oswego River Paper Mills, Phoenix, N. Y. Toilet paper. 225,810; Mar. 22.
Otis Company, Palmer, Mass., to Otis Company, Boston, Mass. Twilled cotton and mixed fabrics. 29,623; renewed Mar. 2, 1927.
Ozomulsion Co., New York, N. Y. Emulsion of cod-liver oil. 63,581; renewed June 25, 1927.
Pacent Electric Company, Inc., New York, N. Y. Electrical apparatus. 225,605; Mar. 22; Serial No. 232,935; published Jan. 4, 1927.
Pacific Foundry Company, San Francisco, Calif. Metal castings. 225,565; Mar. 22; Serial No. 240,438; published Jan. 4, 1927.
Page, Rowland B., doing business as Page Milk Company, Merrill, Wis. Evaporated milk. 225,709; Mar. 22; Serial No. 236,497; published Jan. 4, 1927.
Pallabona-Gesellschaft Paul Weidenkaff, Munich, Germany. Hair powder, face powder, body powder, and toilet cream. 225,601; Mar. 22; Serial No. 234,277; published Jan. 4, 1927.
Paris Fuel Company, Paris, Ark. Coal. 225,552–3; Mar. 22; Serial No. 237,280–1; published Jan. 4, 1927.
Paye and Baker Manufacturing Company, North Attleboro, Mass. Jewelry, solid, plated, and precious-metal ware. 62,729; renewed May 21, 1927.
Peanut Specialty Co., Chicago, Ill. Peanuts. 225,670; Mar. 22; Serial No. 236,847; published Jan. 4, 1927.
Penn Leather Company, Philadelphia, Pa. Solid leather tap soles and half soles. 225,696; Mar. 22; Serial No. 227,598; published June 22, 1926.
Pennant Oil & Grease Co., Los Angeles, Calif. Lubricating oils and greases. 225,580; Mar. 22; Serial No. 226,157; published June 8, 1926.
Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Cotton piece goods. 225,576; Mar. 22; Serial No. 240,828; published Jan. 4, 1927.
Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Cotton piece goods. 225,622; Mar. 22; Serial No. 240,830; published Jan. 4, 1927.
Pennrich & Company, Inc., New York, N. Y. Peat-moss products. 225,478; Mar. 22; Serial No. 239,316; published Dec. 28, 1926.
Pfifferling, Jos., Inc., New York, N. Y. Ladies' dresses, coats, waists, and sweater coats. 225,497; Mar. 22; Serial No. 239,893; published Jan. 4, 1927.
Phoenix Horse Shoe Company, Chicago, Ill., and New York, N. Y. Metal horse and mule shoes. 225,785; Mar. 22; Serial No. 239,264; published Jan. 4, 1927.
Phoenix Oil Company, The, Cleveland, Ohio. Oil soap. 225,781; Mar. 22; Serial No. 239,765; published Jan. 4, 1927.
Piccadilly Stripe Co. Inc. (See Douglis-Mack, Chas., Co. Inc.)
Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils and greases. 225,454; Mar. 22; Serial No. 239,058; published Jan. 11, 1927.
Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils and greases. 225,460; Mar. 22; Serial No. 239,053; published Jan. 11, 1927.
Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils. 225,461; Mar. 22; Serial No. 239,054; published Jan. 11, 1927.
Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils. 225,462; Mar. 22; Serial No. 239,056; published Jan. 11, 1927.
Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils and greases. 225,463; Mar. 22; Serial No. 239,057; published Jan. 11, 1927.
Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils. 225,487; Mar. 22; Serial No. 239,047; published Jan. 11, 1927.
Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils. 225,623; Mar. 22; Serial No. 239,048; published Jan. 11, 1927.
Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. 225,652; Mar. 22; Serial No. 238,868; published Dec. 14, 1926.
Pilot Electric Manufacturing Company, Inc., Brooklyn, N. Y. Resistance elements. 225,588; Mar. 22; Serial No. 218,774; published Jan. 19, 1926.

Pinaud, Incorporated, New York, N. Y. Perfumed toilet waters. 225,667; Mar. 22; Serial No. 232,217; published Aug. 10, 1926.
Pitman-Myers Company to Pitman-Moore Company, Indianapolis, Ind., successor. Ointments. 61,758; renewed Apr. 2, 1927.
Piver, L. T., & Cie, Paris, France, assignor to L. T. Piver, Inc., New York, N. Y. Toilet waters. 29,580; renewed Feb. 23, 1927.
Pluvius-Feuerlöscher-Gesellschaft mit beschränkter Haftung, Hamburg, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Fire-extinguishing compounds. 62,715; renewed Apr. 2, 1927.
Pomeranz, Max, doing business as Royal Specialty Hat & Bag Co., New York, N. Y. Shopping bags, hand bags, bathing-suit bags, etc. 225,697; Mar. 22; Serial No. 228,067; published Jan. 4, 1927.
Porte & Cie., doing business as Societe Hygienique, Paris, France. Hair tonic. 225,475; Mar. 22; Serial No. 239,265; published Jan. 11, 1927.
Prescott, J. L., Company, New York, N. Y. Polish for stoves and stovepipes, furnaces, etc. 225,451; Mar. 22; Serial No. 239,198; published Jan. 4, 1927.
Pressing & Orr Co., to The Winorr Canning Co., Circleville, Ohio, successor. Canned fruits and vegetables. 59,794; renewed Jan. 15, 1927.
Pro-phy-lac-tic Brush Company. (See Florence Manufacturing Co., assignor.)
Radio Corporation of America, New York, N. Y. Vacuum tubes and valves. 225,689; Mar. 22; Serial No. 239,385; published Jan. 11, 1927.
Reid Bros., Inc., San Francisco, Calif. Sanitary napkins, cotton surgical dressings. 225,524; Mar. 22; Serial No. 238,616; published Jan. 4, 1927.
Reuter, John, St. Louis, Mo. Medicinal salve. 225,564; Mar. 22; Serial No. 240,442; published Jan. 11, 1927.
Richfield Oil Company, Los Angeles, Calif. Lubricating oils. 225,593; Mar. 22; Serial No. 211,623; published June 29, 1926.
Ridley Watts & Co. (See Monohansett M'f'g. Co., The, assignor.)
Ritz Woller, Oliver C., doing business as American Automatic Devices Company, Chicago, Ill. Electric signal lamps for automotive vehicles. 225,579; Mar. 22; Serial No. 227,333; published July 20, 1926.
Roach, W. R., & Company, Hart, Mich., to W. R. Roach & Co., Grand Rapids, Mich. Canned fruits and vegetables. 63,946; renewed July 16, 1927.
Robertson & Sutton Co., Inc., Long Beach, Calif. Pickles and ripe olives. 225,685; Mar. 22; Serial No. 239,770; published Dec. 21, 1926.
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass., to Robinson Bros. & Company Incorporated, Malden, Mass. Soap. 63,342; renewed June 18, 1927.
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass., to Robinson Bros. & Company Incorporated, Malden, Mass. Soap. 63,344–5; renewed June 18, 1927.
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass., to Robinson Bros. & Company Incorporated, Malden, Mass. Soap. 63,347; renewed June 18, 1927.
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass., to Robinson Bros. & Company Incorporated, Malden, Mass. Soap. 63,476; renewed June 25, 1927.
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass., to Robinson Bros. & Company Incorporated, Malden, Mass. Soap. 63,478; renewed June 25, 1927.
Roe, F. P., Company, Greensboro, Md. Canned vegetables. 225,808; Mar. 22.
Ross, W. A., & Brother, Incorporated, New York, N. Y., assignor to F. C. de Terry, Port St. Marys, Spain. Sherry. 61,367; renewed Mar. 19, 1927.
Royal Importing Company, New York, N. Y. Hand sewing needles, glass and metal beads, bag frames, pincushions, etc. 225,745; Mar. 22; Serial No. 232,947; published Dec. 28, 1926.
Royal Specialty Hat & Bag Co. (See Pomeranz, Max.)
Rubinstein, Manka, Inc., assignor to Manka Cserwinski, New York, N. Y. Face powders, creams, and packs, toilet waters, rouges, perfumes, etc. 225,525; Mar. 22; Serial No. 240,822; published Jan. 11, 1927.
Ruhmann Grain & Fuel Company, Waco, Tex. Poultry and dairy feed. 225,651; Mar. 22; Serial No. 238,875; published Jan. 4, 1927.
Russell & Company, Fort Ogden, Fla., and New York, N. Y., to Russell and Company, Fort Ogden, Fla. Oranges, lemons, grape fruit, etc. 52,761; renewed May 15, 1926.
Russell Manufacturing Co., The, Alexander City, Ala. Underwear of knitted and woven fabric. 225,750; Mar. 22; Serial No. 234,412; published Jan. 4, 1927.
Rybolt Heater Company, The, Ashland, Ohio. Warm-air heating systems and furnaces and parts thereof. 225,518; Mar. 22; Serial No. 238,459; published Jan. 11, 1927.
Safeway Stores, Incorporated, Los Angeles, Calif. Canned olives, canned white-meat tunny, etc. 225,594; Mar. 22; Serial No. 211,547; published Jan. 4, 1927.
Saf-T-Cab Corporation, The, Cleveland, Ohio. Automobile taxicabs. 225,479; Mar. 22; Serial No. 239,318; published Jan. 11, 1927.
Saladino, Charles, Mercedes and the Rio Grande Valley, Tex. Fresh grapefruits. 225,751; Mar. 22; Serial No. 234,418; published Jan. 4, 1927.
Salvatore Apicella & C., Naples, Italy. Preserved canned food products. 225,705; Mar. 22; Serial No. 218,039; published Jan. 11, 1927.
Sanford & Bennett, assignor to H. Henry Douglas, New York, N. Y. Stylographic and fountain pens. 58,420–2; renewed Dec. 11, 1926.
Sanford & Bennett, assignor to H. Henry Douglas, New York, N. Y. Stylographic and fountain pens. 58,613; renewed Dec. 18, 1926.
Saporito, Vincento, doing business as Saporito Company, Brooklyn, N. Y. Lotion for ulcers, eczema, etc. 225,717; Mar. 22; Serial No. 240,277; published Jan. 11, 1927.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Boots, shoes, and slippers. 225,761; Mar. 22; Serial No. 229,592; published Jan. 11, 1927.
Schreiber Products Corporation, Buffalo, N. Y. Food product composed of malt extract and cereals in powder form. 225,659; Mar. 22; Serial No. 240,873; published Jan. 11, 1927.
Schroeder Bros., New York, N. Y. Cheese. 225,662; Mar. 22; Serial No. 240,506; published Jan. 4, 1927.
Schwartz Sortograph Co., The, Elkhart Lake, Wis. Coin sorting and counting machines and parts thereof. 225,480; Mar. 22; Serial No. 239,321; published Jan. 11, 1927.
Scotch Woolen Mills, Chicago, Ill. Suits, overcoats, trousers, and caps for men and belts for personal wear. 225,624; Mar. 22; Serial No. 208,874; published Apr. 28, 1925.
Seacoast Canning Company, Eastport, Me. Canned fish. 225,642; Mar. 22; Serial No. 219,777; published Jan. 11, 1927.
Sherer-Gillett Company, Chicago, Ill. Washing crystal, compounds for softening water, gloss starch, and saffron. 62,916; renewed May 28, 1927.
Sherwood Bros. Inc., Baltimore, Md. Gasoline. 225,591; Mar. 22; Serial No. 215,276; published Sept. 22, 1925.
Shur-on Standard Optical Co., Inc., Geneva, N. Y. Cutting attachment for lens-cutting machines. 225,803; Mar. 22.
Simms Oil Company, Dallas, Tex. Petroleum products. 225,816; Mar. 22.
Simons Millwork, Inc., Minneapolis, Minn. Millwork. 225,712; Mar. 22; Serial No. 236,659; published Jan. 4, 1927.
Smith & Horton Company, Limited, Warren, Pa. Canned vegetables. 225,543; Mar. 22; Serial No. 237,767; published Jan. 11, 1927.
Smith, J. Hungerford, Grape Juice Co., Lawton, Mich. Grape jelly and jam, apple butter, sandwich spread, etc. 225,789; Mar. 22; Serial No. 237,202; published Jan. 11, 1927.
Societa Anonima Prodotti Farmaceutici Specializzati Dott. M. Calosi & Figlio, Florence, Italy. Medicinal product for the treatment of scrofula, rheumatism, etc. 225,604; Mar. 22; Serial No. 233,285; published Jan. 4, 1927.
Societe Hygienique. (See Porte & Cie.)
Solidifier Corporation, Philadelphia, Pa. Coating and covering materials of a cementitious nature. 225,716; Mar. 22; Serial No. 239,328; published Dec. 28, 1926.
Sonora Phonograph Company, Inc., New York, N. Y. Talking machines, phonographs, etc. 225,804; Mar. 22.
Southern Webbing Mills, Inc., Greensboro, N. C. Narrow elastic tape sold by the yard. 225,728; Mar. 22; Serial No. 224,842; published Jan. 4, 1927.
Sovereign Paint Manufacturing Co., Atlantic City, N. J. Varnish remover. 225,476; Mar. 22; Serial No. 239,274; published Jan. 4, 1927.
Spalding, A. G., & Bros., Jersey City, N. J., and New York, N. Y. Knit goods. 62,671; renewed May 21, 1927.
Spalding, A. G., & Bros., New York, N. Y. Tennis rackets. 225,602; Mar. 22; Serial No. 240,751; published Jan. 11, 1927.
Spinol Company, The, to Edward S. Fernsler, Pottsville, Pa., successor. Remedy for whooping cough used externally. 61,760; renewed Apr. 2, 1927.
Spokane Toilet Supply Co., Spokane, Wash. Textile tea towels. 225,715; Mar. 22; Serial No. 236,818; published Jan. 4, 1927.
Standard Corset Company, The, New York, N. Y. Corsets, corsetlets, corset waists, etc. 225,635; Mar. 22; Serial No. 223,145; published Jan. 11, 1927.
Standard Gas Engine Co., Oakland, Calif. Tractor transmission casings. 225,795; Mar. 22.
Standard Gas Equipment Corporation. (See Crane, William M., Co., assignor.)
Standard Oil Company (New Jersey), Bayonne, N. J. Oils and lubricating greases. 225,600; Mar. 22; Serial No. 234,749; published Jan. 4, 1927.
Standard Oil Company (New Jersey), Bayonne, N. J. Oils and greases made from petroleum. 225,679; Mar. 22; Serial No. 227,200; published Mar. 30, 1926.
Stapleton, Edward A., doing business as De Leoton Co., Albany, N. Y. Lotion for healing diseased and infected mucous membranes. 225,778; Mar. 22; Serial No. 229,880; published Jan. 11, 1927.

Star Safety Razor Corporation. (See Kampfe Bro's.)
Stehli Silks Corporation, New York, N. Y. Silk piece goods. 225,559; Mar. 22; Serial No. 240,511; published Jan. 4, 1927.
Stella Millinery Company Inc., New York, N. Y. Ladies' hats. 225,784; Mar. 22; Serial No. 239,330; published Jan. 11, 1927.
Stern, I., & Co., New York, N. Y. Dental supplies. 225,801; Mar. 22.
Stevens Paper Mills, Inc., The, Windsor, Conn. Composition board and/or paper composed of various materials pressed into shape for the purpose of electrical insulation. 225,581; Mar. 22; Serial No. 224,435; published Mar. 30, 1926.
Stierli, O., & Co., Jersey City, N. J. Collar-button guards. 225,511; Mar. 22; Serial No. 239,387; published Dec. 28, 1926.
Straus, Royer & Strass, Inc., Baltimore, Md. Dresses, sport shirts, vests, blouses, etc. 225,710; Mar. 22; Serial No. 236,512; published Dec. 28, 1926.
Strouss-Hirshberg Co., The, Youngstown, Ohio. Hats, hosiery, underwear. 225,719; Mar. 22; Serial No. 239,547; published Jan. 11, 1927.
Sultzer-Henderson Co. Inc., New York, N. Y. Ladies' hats. 225,628; Mar. 22; Serial No. 222,202; published Feb. 16, 1926.
Sunlight Paint Products. (See Elfenbein, Al S.)
Swarttz, I. R., & Co., Philadelphia, Pa. Suits. 225,798; Mar. 22.
Sweet-Orr & Co., Inc., Wappingers Falls and New York, N. Y. Pants and coats for men and boys. 225,508; Mar. 22; Serial No. 240,280; published Jan. 11, 1927.
Taylor, Frances J., Philadelphia, Pa. Hair-grower preparation. 225,449; Mar. 22; Serial No. 239,833; published Jan. 11, 1927.
Texas Pacific Coal & Oil Company, Fort Worth, Tex. Motor oils. 225,740; Mar. 22; Serial No. 238,752; published Jan. 4, 1927.
Texas Phonograph Co. (See McCaskill, Virgil K.)
Texas Salt Company, Houston, Tex. Salt. 225,519; Mar. 22; Serial No. 238,465; published Jan. 4, 1927.
Thermwool Products Co., New York, N. Y. Weather stripping made of felt, hair, felt with canvas binder, hair with canvas binder. 225,551; Mar. 22; Serial No. 237,298; published Dec. 28, 1926.
Three In One Oil Company. (See Cole, G. W. Company, assignor.)
Torriani, Angelo, Pavia, Italy. Electrically-heated coffee boilers, electrical heating resistances, and safety valves. 225,618; Mar. 22; Serial No. 227,281; published Jan. 11, 1927.
Traun, Dr. Heinr., & Söhne, vormals Harburger Gummi-Kamm-Compagnie, Hamburg, Germany. Combs. 225,698; Mar. 22; Serial No. 230,136; published Aug. 10, 1926.
Turell and Friedman, New York, N. Y. Cotton piece goods. 225,732–4; Mar. 22; Serial Nos. 204,067–9; published Jan. 4, 1927.
Turell and Friedman, New York, N. Y. Cotton piece goods. 225,735–6; Mar. 22; Serial Nos. 204,071–2; published Jan. 4, 1927.
2 Minit Company, The. (See Comstock, Andrew W.)
Union Clothing Co., Rochester, N. Y. Men's sweaters, hats, neckties, socks, etc. 225,725; Mar. 22; Serial No. 239,336; published Jan. 4, 1927.
Union Oil Company, Providence, R. I., assignors, by mesne assignments, to Lever Brothers Company, Portland, Me., and Cambridge, Mass. Cottonseed oils. 60,298; renewed Feb. 5, 1927.
United Box Board & Paper Company, assignor, by mesne assignments, to United Paperboard Company, New York, N. Y. Cardboards and boxboards. 61,965; renewed Apr. 9, 1927.
United States Electrical Manufacturing Company, Los Angeles, Calif. Electric motors. 225,812; Mar. 22.
U. S. Farm Sales Co., The, Salina, Kan. Tires and tubes for automobiles. 225,504; Mar. 22; Serial No. 239,496; published Jan. 11, 1927.
United States Trust Company of New York. (See Green, Edwin M., assignor.)
United Tea Stores. (See Alpert, Samuel.)
United Thread Mills. (See Norton, Le Roy M.)
Vacuum Oil Company, New York, N. Y. Oils, greases, waxes, etc. 225,649; Mar. 22; Serial No. 239,447; published Jan. 4, 1927.
Van Nelle, new firm De Erven de Wed. (See De Erven de Wed. Van Nelle.)
Van Orden Shop Inc., The, New York, N. Y. Corsets, corselets, and girdles. 225,708; Mar. 22; Serial No. 236,457; published Jan. 11, 1927.
Vapo-Cresoline Company, The, Stanley, N. J., and New York, N. Y., to The Vapo-Cresolene Company, Chatham, N. J., and New York, N. Y. Censers, vaporizers, and volatilizers for medical compounds. 64,246; renewed July 30, 1927.
Vaughn's Home Bakery, Bay City, Mich. Bread. 225,660; Mar. 23; Serial No. 240,463; published Jan. 4, 1927.
Veri Manufacturing Company, San Francisco, Calif. Electric-refrigerators. 225,793; Mar. 22.
Vermont Maple Syrup Co., Inc., of St. Johnsbury, St. Johnsbury, Vt. Cane and maple sirup. 225,757; Mar. 22; Serial No. 240,112; published Jan. 11, 1927.
Vesuvius Corporation, The, Los Angeles, Calif. Liquid lubricants. 225,647; Mar. 22; Serial No. 211,725; published Jan. 11, 1927.
Viscosity Oil Company, Chicago, Ill. Lubricants, and particularly lubricating greases. 225,531; Mar. 22; Serial No. 240,761; published Jan. 11, 1927.
Vitrefrax Company, The, Los Angeles, Calif. Refractory paints. 225,614; Mar. 22; Serial No. 228,512; published Dec. 28, 1926.
Volk, Hattie F., New York, N. Y. Brassières. 225,718; Mar. 22; Serial No. 240,230; published Jan. 11, 1927.
Voss Brothers Manufacturing Company, Davenport, Iowa. Washing machines. 63,887; renewed July 9, 1927.
Walworth Company, Boston, Mass. Metal alloys and castings thereof. 225,510; Mar. 22; Serial No. 239,391; published Jan. 4, 1927.
Wanamaker, John, New York, New York, N. Y. Men's wearing apparel. 225,746; Mar. 22; Serial No. 233,339; published Jan. 4, 1927.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Handkerchiefs. 225,572; Mar. 22; Serial No. 240,282; published Jan. 11, 1927.
Watson, Angus, & Company Limited, Newcastle-on-Tyne, England, assignor to Angus Watson & Co. America, Limited, San Francisco, Calif. Canned sardines. 225,597; Mar. 22; Serial No. 233,045; published Jan. 18, 1927.
Weinar, Wm., doing business as The Jupiter Remedy Co., New York, N. Y. Medicinal or pharmaceutical preparations. 225,577; Mar. 22; Serial No. 229,483; published Jan. 4, 1927.
Willard's Chocolates Limited, Toronto, Ontario, Canada. Confectionery, particularly chocolates. 225,640; Mar. 22; Serial No. 221,467; published Jan. 11, 1927.
Winorr Canning Co., The. (See Pressing & Orr Co.)
Wolf Brothers, Philadelphia, Pa. Paper envelopes and bags for merchandise. 225,617; Mar. 22; Serial No. 227,431; published Jan. 11, 1927.
Woodward & Lothrop, Washington, D. C. Men's apparel. 225,767; Mar. 22; Serial No. 235,937; published Jan. 4, 1927.
Woodwind Company, The, New York, N. Y. Wind instruments and their accessories. 225,818; Mar. 22.
Woven Cotton Padding Mills, Inc., La Crosse, Wis. Padding consisting of a filler and warp and woof binding threads interwoven with the filler. 225,763; Mar. 22; Serial No. 235,243; published Jan. 4, 1927.
Wright, George A., Chicago, Ill., assignor to William Hall & Co., Limited, Studley, England. Needles for hand sewing. 56,736; renewed Oct. 16, 1926.
Wurzburg Dry Goods Company, Grand Rapids, Mich. Women's hosiery and knitted and woven underwear. 225,477; Mar. 22; Serial No. 239,280; published Jan. 11, 1927.
Zeiss, The Firm of Carl, Jena, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Measuring and scientific optical apparatus. 62,340; renewed Apr. 30, 1927.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Alberta Candy Co., Inc., San Francisco, Calif. Karamel Dandy. For Candy. 31,806; Mar. 22.
Bonner, James J., doing business as Pine-Tree Products, Boston, Mass. Pine Tree Disinfectant. For Disinfectant and Antiseptic. 31,807; Mar. 22.
Chula Vista Citrus Association, Chula Vista, Calif. Serra. For Oranges. 31,808; Mar. 22.
Colgate & Company, Jersey City, N. J. Colgate's Ribbon Dental Cream. For Dental Cream. 31,809; Mar. 22.
Ehlers, Albert, Inc., Brooklyn, N. Y. Ehler's Grade "A" Coffee. For Coffee. 31,810; Mar. 22.
Field, Gilbert N., Los Angeles, Calif. California Hair Restorer. For Hair Restorer. 31,811; Mar. 22.
Grainger Bros. Co., Lincoln, Nebr. Linko. For Canned Corn. 31,812; Mar. 22.
Laughlin, Homer, doing business as Rancho Del Sol-y-Vina, Los Angeles, Calif. Sol-y-Vina. For Fresh Grapes. 31,813; Mar. 22.
Miller, Albert, Auburn, Calif. Miller's Unique Radio-Active Bottle Radio-Active Research Laboratory Albert Miller Auburn California Copyright—1927. For Bottles. 31,814; Mar. 22.
Murray, Charles D., doing business as Murray's Superior Products Co., Chicago, Ill. Murray's Superior Hair Dressing Pomade. For a Hair Pomade and Hairdressing. 31,815; Mar. 22.
Northwestern Distributing Co., Billings, Mont. Sweetheart Malt-A-Milk. For Bread. 31,816; Mar. 22.
Nucar Gloss Company, The, Los Angeles, Calif. Nucar Gloss. For an Enamel for Automobiles or Other Surfaces Requiring a Glossy Finish. 31,817; Mar. 22.

Pine-Tree Products. (See Bonner, James J.)
Podesta Import Co., San Francisco, Calif. Alba. For Fresh Grapes. 31,818; Mar. 22.
Radiall Company, New York, N. Y. Amperite. For Rheostats. 31,819; Mar. 22.
Rahayel, Chas. A., doing business as Rahayel Freres, Brooklyn, N. Y. Hair Set. For Hairdressing. 31,820; Mar. 22.
Rancho Del Sol-y-Vina. (See Laughlin, Homer.)
Riccardi, John, doing business as Roman Cleanser Company, Detroit, Mich. Roman Cleanser. For Washing Fluid. 31,821; Mar. 22.
Roddenbery Bros., Cairo, Ga. Pure Gold. For Table Sirup. 31,822; Mar. 22.
Roman Cleanser Company. (See Riccardi, John.)
Schlitz, Jos., Beverage Company, Milwaukee, Wis. Schlitz Gold Label. For Malt Sirup. 31,823; Mar. 22.
Schmidtman Company, Manitowoc, Wis. Duck Sanitary. For Butchers' Wrapping Paper. 31,824; Mar. 22.
Thomas Products Co., The, Chicago, Ill. The Thomas' Special Formula Shampoo. For Liquid Hair Shampoo. 31,825; Mar. 22.
Thomas Products Co., The, Chicago, Ill. The Thomas' Special Formula For Falling Hair. For Preparation for the Treatment of Falling Hair. 31,826; Mar. 22.
Tom Dick & Harry of Mass. Inc., New York, N. Y. Tom Dick & Harry. For Shoes. 31,827; Mar. 22.
Val Blatz Brewing Company, Milwaukee, Wis. Private Stock. For Malt Sirup. 31,828; Mar. 22.
Walton, Wilbur W., Lacota, Mich. Locani Brand Selected Eggs. For Eggs. 31,829; Mar. 22.
White & Wyckoff Mfg. Co., Holyoke, Mass. Bridge Stationery. For Stationery and Envelopes. 31,830; Mar. 22.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

B. V. D. Company, Inc., The, New York, N. Y. Better Fit. For Athletic Underwear. 9,632; Mar. 22.
B. V. D. Company, Inc., The, New York, N. Y. Insist on This Label. For Athletic Underwear. 9,633; Mar. 22.
Cream Of Wheat Co., Minneapolis, Minn. Children's Breakfast a Big School Problem, University Reports. For Wheat Breakfast Food. 9,634; Mar. 22.
D & C Co. Inc., The, Wilmington, Del., and Brooklyn, N. Y. For Dessert My-T-Fine (No. 1). For Dessert Preparations. 9,635; Mar. 22.
D & C Co. Inc., The, Wilmington, Del., and Brooklyn, N. Y. For Dessert My-T-Fine (No. 2). For Dessert Preparations. 9,636; Mar. 22.
D & C Co. Inc., The, Wilmington, Del., and Brooklyn, N. Y. For Dessert My-T-Fine (No. 3). For Dessert Preparations. 9,637; Mar. 22.
D & C Co. Inc., The, Wilmington, Del., and Brooklyn, N. Y. For Dessert My-T-Fine (No. 4). For Dessert Preparations. 9,638; Mar. 22.
Dreyfors and Hertzberg, Inc., New York, N. Y. The D & H Kiddie Kot. For Cots. 9,639; Mar. 22.
Gray, B. E., San Diego, Calif. We Dress Them While You Wait. For Poultry. 9,640; Mar. 22.
Red Top Steel Post Company, Chicago, Ill. Saving Time and Money in Fence Building. For Steel Fence Posts. 9,641; Mar. 22.
Red Top Steel Post Company, Chicago, Ill. You Can't Afford to Waste Good Fencing. For Steel Fence Posts. 9,642; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Man, Here is a Cigarette! For Tobacco. 9,643; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. The Stag at Eve. For Tobacco. 9,644; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Everything's Going to be All Right. For Tobacco. 9,645; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. College Gentlemen Prefer P. A. For Tobacco. 9,646; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. A Prime Favorite on The Campus. For Tobacco. 9,647; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. "P. A.—" Letters Of Recommendation! For Tobacco. 9,648; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Smoking Refreshment That Never Ends. For Cigarettes. 9,649; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. It's All a Matter of Picking the Packing. For Tobacco. 9,650; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. It's The Tobacco That Makes The Cigarette. For Tobacco. 9,651; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. They Call Me a 'Rolling-Mill.' For Tobacco. 9,652; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Here's My Smoke—Platform. For Tobacco. 9,653; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. A Cigarette Made With P. A. Is the Money. For Tobacco. 9,654; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Take a Tip to Pipe-Joy. For Tobacco. 9,655; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. You Can Sign Your Name to This—. For Tobacco. 9,656; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A. Makes a Pipe Perform. For Tobacco. 9,657; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. I've Got a Half-Nelson on Jimmy-Pipe Joy. For Tobacco. 9,658; Mar. 22.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. That's What I Call a Cigarette. For Tobacco. 9,659; Mar. 22.
Stanco Distributors, Inc., New York, N. Y. For Moths! Spray Flit. For Insecticide. 9,660; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Murdered By Flies! For Insecticide. 9,661; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. A Life For a Life. For Insecticide. 9,662; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Baby's Deadliest Enemy. For Insecticide. 9,663; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Flies Kill! For Insecticide. 9,664; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Ants Destroy! For Insecticide. 9,665; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Escape the Torture of Fleas. For Insecticide. 9,666; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Kill Flies—Save Lives. For Insecticide. 9,667; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Routed from Bed! For Insecticide. 9,668; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. You Keep Mosquitoes Alive. For Insecticide. 9,669; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Flit Kills Cockroaches! For Insecticide. 9,670; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Repel This Foe! For Insecticide. 9,671; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Flies are Murderers. For Insecticide. 9,672; Mar. 22.
Standard Oil Company (New Jersey), Bayonne, N. J. Bearers of Disease. For Insecticide. 9,673; Mar. 22.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A. D. C. Aircraft Limited, London, England. Aircraft engines. 241,849; Mar. 22.
Abelman, Max, doing business as M. Abelman Co., Boston, Mass. Paints, colors in oil, varnishes, and prepared shellacs. 235,769; Mar. 22.
Afactor With You Furniture Co. (See Goldberg, Michael.)
Alcock, S., & Company, Limited, Redditch, England. Artificial flies, gut hooks, and gut lines. 230,811; Mar. 22.
Alcock, S., & Company, Limited, Redditch, England. Casting fishing lines. 230,812; Mar. 22.
Alcock, S., & Company, Limited, Redditch, England. Gut casting fishing lines. 230,813; Mar. 22.
Allen Business Papers Inc., New York, N. Y. Newspaper section. 244,039; Mar. 22.
Allsopp Brothers, Newark, N. J. Finger rings made wholly or in part of precious metal or plated therewith. 242,162; Mar. 22.
American Bakers' Publishing Company, New York, N. Y. Publication. 244,646; Mar. 22.
American Chicle Company, Long Island City, N. Y. Chewing gum. 232,808; Mar. 22.
American Crayon Company, The, Sandusky, Ohio. Adhesive paste. 241,510; Mar. 22.
American Laundry Machinery Co., The Norwood Station, Cincinnati, Ohio. Washing machines. 242,270; Mar. 22.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

American News Company, Inc., New York, N. Y. Magazines, books, and periodicals. 243,575; Mar. 22.
American Solvents & Chemical Corporation, New York, N. Y. Combined alcohol meters and indicators, hydrometers, etc. 243,521; Mar. 22.
Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure caps. 237,400; Mar. 22.
Asher, J. W., Co., El Centro, Calif. Cantaloupes, melons, and lettuce. 233,349; Mar. 22.
Avanzino, L., & Bro. Inc., Boston, Mass. Canned fish. 241,466; Mar. 22.
Avon Sole Company, Holbrook, Mass. Shoe soles. 242,979; Mar. 22.
Bakelite Corporation, New York, N. Y. Molding compounds and mixtures adapted for the manufacture of electrical commodities. 240,948; Mar. 22.
Baltimore Paint and Color Works, Baltimore, Md. Paints and varnishes. 241,556; Mar. 22.
Banta, George, Publishing Company, Menasha, Wis. Magazines and books. 243,190; Mar. 22.
Bassick Manufacturing Company, The, Chicago, Ill. Filters for filtering fuel for use in internal-combustion engines, etc 225,341; Mar. 22.
Bell Syndicate, Inc., New York, N. Y. Strips of humorous drawings representing the same characters in different situations. 243,683; Mar. 22.
Bennett, F. H., Biscuit Company, New York, N. Y. Animal biscuits. 229,613; Mar. 22.
Bentz Engineering Corporation, Newark, N. J. Leather-conditioning cabinets. 238,766; Mar. 22.
Billings, Elmer E., doing business as Zisko Ointment Company, Barberton, Ohio. Medicinal salve. 242,460; Mar. 22.
Bishara, Michael S., Niagara Falls, N. Y. Cigars. 243,684; Mar. 22.
Bittmann-Todd Grocer Company, The, Kansas City, Kans. Canned fruits, vegetables, berries, mushrooms, preserved figs, etc. 232,384; Mar. 22.
Blackhawk Petroleum Co., Chicago, Ill. Oils and greases. 243,524; Mar. 22.
Bonney-Floyd Co., The, Columbus, Ohio. Steel castings. 243,843; Mar. 22.
Braden Company, The, Tulsa, Okla. Winches and parts thereof. 220,991; Mar. 22.
Breinig Brothers, Inc., Hoboken, N. J. Enamel paints. 244,130; Mar. 22.
Buzza Company, The, Minneapolis, Minn. Wall calendars and printed calendars. 227,507; Mar. 22.
Cameron Coal Company, Philadelphia, Pa. Bituminous coal. 242,947; Mar. 22.
Camfield Radio Manufacturing Company, Oakland, Calif. Coils for radio apparatus. 226,761; Mar. 22.
Campbell, Wm., Wall Paper Company, Hackensack, N. J. Wall coverings of coated paper in sheet form. 243,346; Mar. 22.
Capstan Glass Company, Connellsville, Pa. Tumblers, glasses, glass bottles, glass jars, vases, etc. 239,918; Mar. 22.
Caricari, Charles A., doing business as The Pheonix Candy Company, New York, N. Y. 227,057; Mar. 22.
Casey-Foster Co., The, Boston, Mass. Garbage receivers, ash cans, cake and bread boxes, etc. 235,999; Mar. 22.
Ceramics Publishing Co., Inc., The, Newark, N. J. Publication. 243,996; Mar. 22.
Chemische Fabrik Stockhausen & Cie., Krefeld, Germany. Glycerin, bleaching composition, sizing and finishing materials, etc. 228,175; Mar. 22.
Chemische Fabrik Stockhausen & Cie., Krefeld, Germany. Bleaching compositions and compositions for removing stains. 228,176–7; Mar. 22.
Chicago Fuse Mfg. Co., Chicago, Ill. Outlet boxes, switch boxes, hangers, mounting bars, and lath supports. 228,645; Mar. 22.
Cohn & Rosenberger, Inc., New York, N. Y. Pearls, pearl necklaces, brooches, bar pins, buckles, etc. 241,520; Mar. 22.
Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 233,111–2; Mar. 22.
Commercial Reporter, The, New York, N. Y. Monthly publication. 237,655; Mar. 22.
Construction Supplies Company of America, New York, N. Y. Paper and stationery—namely, paper towels and toilet paper. 239,237; Mar 22.
Container Corporation of America, Chicago, Ill. Fiberboard and corrugating-board boxes or shipping containers. 238,305; Mar. 22.
Continental Drug Corporation, St. Louis, Mo. Beef, iron, and wine; lime water, milk of magnesia, mineral oil, etc. 223,285; Mar. 22.
Continental Roofing & Manufacturing Co., The, Baltimore, Md. Asphalt roof paint. 244,049; Mar. 22.
Converse, Frederick L., doing business as Tri-Po Products Co., Woodlynne, N. J. Cleaning preparation for fabrics, utensils, and the skin. 242,658; Mar. 22.
Converse Tire and Rubber Company, Malden, Mass. Automobile tires and tubes therefor. 243,140–1; Mar. 22.
Corn Product Refining Company, New York, N. Y. Cornstarch. 240,701; Mar. 22.
Crandall Pierce & Company, Chicago, Ill. Publication. 243,419; Mar. 22.
Cream City Oil Company, North Milwaukee, Wis. Gasoline, fuel and lubricating oils, and lubricating greases. 241,875; Mar. 22.
Crusellas Rhum Quinquina Co., Inc., New York, N. Y. Bay rum. 241,697; Mar. 22.
Curtiss Candy Company, The, Chicago, Ill. Candy and candy bars. 238,050; Mar. 22.
Curtiss Candy Company, The, Chicago, Ill. Pastry and cakes. 243,424; Mar. 22.
Davison-Paxon-Stokes Co., Atlanta, Ga. Hosiery, 239,241; Mar. 22.
Dayton Toy & Specialty Company, The, Dayton, Ohio. Toys. 242,822; Mar. 22.
De Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Fuel oils. 232,260; Mar. 22.
Deringer Fuel Company, Spangler, Pa. Coal. 242,227; Mar. 22.
Dessert Manufacturing Co., The, Toledo, Ohio. Gelatin, dessert preparation. 242,417; Mar. 22.
Detroit Aeroflex Stabilizer Company, Detroit, Mich. Air-cushion devices. 226,339; Mar. 22.
Dover Manufacturing Co., The, Dover, Ohio. Electric appliances—namely, smoothing irons. 241,566; Mar. 22.
Dürkoppwerke Aktiengesellschaft, Bielefeld, Germany. Machinery castings and forgings. 241,988; Mar. 22.
Dürkoppwerke Aktiengesellschaft, Bielefeld, Germany. Road vehicles, boats, ships, motor cars, bicycles, etc. 241,989; Mar. 22.
Eagle-Picher Lead Company, The, Chicago, Ill. Antimonial lead, pig lead, spelter, solder, babbitt, and trap lead. 241,142; Mar. 22.
Eagle-Picher Lead Company, The, Chicago, Ill. White lead, blue lead, red lead, litharge, etc. 241,144–6; Mar. 22.
Edison Watch Co. Inc., New York, N. Y. Watches, watch-cases, and watch movements. 243,646; Mar. 22.
Eesley, J. F., Milling Company, Plainwell, Mich. Wheat flour. 243,428; Mar. 22.
Epicol Products Company, Minneapolis, Minn. Medicinal preparation. 243,482; Mar. 22.
F-R Publishing Corporation, New York, N. Y. Nom de plume for magazine articles. 241,212; Mar. 22.
Fellinger Corporation, New York, N. Y. Gas-shut-off valves. 244,147; Mar. 22.
Fertilizer Sales Ltd., London, England. Fertilizers. 243,433; Mar. 22.
Fevre & Cie., Paris, France. Natural cut rock, marble, and other materials. 242,055; Mar. 22.
Finch and Hisey, Wayne, Mich. Tables. 234,204; Mar. 22.
Florio & C. Società Anonima Vinicola Italiana, Torino, Italy. Tonic for general debility. 228,100; Mar. 22.
Fuller Milling Company, Inc., Albany and Schenectady, N. Y. Self-rising buckwheat flour, pancake and pure buckwheat flour, and stock and scratch feed. 243,650; Mar. 22.
Furiati, Biagio A. Brooklyn, N. Y. Apparatus for clamping meat. 244,225; Mar. 22.
Garden City Laboratory, Chicago, Ill. Soldering flux. 243,264; Mar. 22.
General Citrus Corporation, Los Angeles, Calif. Nonalcoholic, maltless beverages. 230,100; Mar. 22.
Ginsberg, Max I., doing business as Los Angeles Saratoga Chip Co., Los Angeles, Calif. Shoe-string potatoes. 243,540; Mar. 22.
Gladiator Co., Inc., The, New York, N. Y. Hair preparation and tonic to nourish the scalp, relieve dandruff, etc. 239,980; Mar. 22.
Goldberg, Michael, doing business as Afactor With You Furniture Co., Philadelphia, Pa. China closets, buffets, serving tables, beds, dressers, etc. 206,616; Mar. 22.
Graham & Zenger, Inc., New York, N. Y. Glassware. 231,999; Mar. 22.
Great Atlantic & Pacific Tea Co., The, Jersey City, N. J. Butter. 242,290; Mar. 22.
Gretsch, Fred, Mfg. Co., The, Brooklyn, N. Y. Cymbals. 237,857; Mar. 22.
Gross, David J., New York, N. Y. Middies, middy blouses, smocks, and dresses. 233,731; Mar. 22.
Half Size Dress Co., New York, N. Y. Gowns, frocks, and dresses. 238,966; Mar. 22.
Halitosine Company. (See Hess, Lee.)
Hart, Schaffner & Marx, Chicago, Ill. Men's suits and coats. 243,208; Mar. 22.
Hays Manufacturing Company, Erie, Pa. Ground key work, flat-way cocks, flat-way stopcocks, etc. 242,184; Mar. 22.
Heller, B., & Co., New York, N. Y. Ladies' dresses, coats, and cloaks. 243,651; Mar. 22.
Heller, Herman, doing business as Re-Du-Sol Co., Los Angeles, Calif. Breath pellets. 242,128; Mar. 22.
Hengerer, William, Company, The, Buffalo, N. Y. Women's hats. 242,195; Mar. 22.
Henschel, Fred S., doing business as Henschel & Company, Chicago, Ill. Doorchecks. 243,269; Mar. 22.
Hess., Lee, doing business as Halitosine Company, St. Louis, Mo. Antiseptic preparations and lotions. 239,807; Mar. 22.
Hensch, Hugo, & Cie. G. m. b. H., Aachen, Germayn. Sewing needles, pins, hairpins, etc. 240,414; Mar. 22.
Hi-Bred Corn Company, The, Des Moines, Iowa. Seed corn. 233,003; Mar. 22.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Hokanson, Martin, Duluth, Minn. Edible crackers. 233,824; Mar. 22.
Horigan, Joseph A., doing business as Horigan Manufacturing Company, Kansas City, Mo. Medicine. 243,157; Mar. 22.
Hospital Specialty Co., The, Cleveland, Ohio. Sanitary napkins. 243,364; Mar. 22.
Houghton, W. D., & Company Limited, Warrington, England. Steel wire. 235,697; Mar. 22.
Huckins & Temple, Inc., Milford, Mass. Boots and shoes. 243,093; Mar. 22.
Hunt, Robert W., Company, Chicago, Ill. Fabricated structural steel. 242,995; Mar. 22.
Hutchinson Coal Company, Fairmont, W. Va. Coal. 243,094; Mar. 22.
Hylton Flour Mills, Inc., Ogden, Utah. Wheat flour. 232,774; Mar. 22.
I. G. Farbenindustrie Aktiengesellschaft, Leverkusen, near Cologne-on-the-Rhine, Germany. Composition for sizing, stiffening, and finishing yarns, and other textile materials. 241,206; Mar. 22.
Insana, Raffaele, doing business as R. Insana Co., Long Island City, N. Y. Medicine for rheumatism. 241,484; Mar. 22.
Jill Brothers. Weslaco, Tex. Vegetables. 227,746; Mar. 22.
Junior Candy Company, Milwaukee, Wis. Candy. 239,115; Mar. 22.
Kaufmann & Bauer Company, Pittsburgh, Pa. Nom de plume for newspaper columns, etc. 192,624; Mar. 22.
King Features Syndicate, Inc., New York, N. Y. Newspaper section. 243,160; Mar. 22.
Klemm, C. W., Incorporated, Bloomington, Ill. Overalls, jackets, pants, and work shirts. 202,019; Mar. 22.
Kramer Bros. & Greenspan, Inc., New York, N. Y. Silk piece goods. 243,955; Mar. 22.
Laucks, I. F., Inc., Seattle, Wash. Plastic wall or floor coating. 242,899; Mar. 22.
Leggett, Francis H., & Company, New York, N. Y. Canned sauerkraut juice. 242,377; Mar. 22.
Lemur, S., Company, The, Cleveland, Ohio. Hair-waving machines and equipment for permanent-hair-waving machines. 241,827; Mar. 22.
Levin & Harris Shirt Co. Inc., New York, N. Y. Men's and boys' dress shirts, sport shirts, work shirts, etc. 243,223; Mar. 22.
Lily Foundry Company, Los Angeles, Calif. Plumbers' and steam-fitters' supplies. 236,215; Mar. 22.
Lipow Bros. Fruit Co., Pheonix, Ariz. Citrus fruits. 243,442; Mar. 22.
Los Angeles Saratoga Chip Co. (See Ginsberg, Max I.)
Louisville Milling Company, Minneapolis, Minn. Wheat flour. 221,123; Mar. 22.
Love Romances Pub. Co., Inc., New York, N. Y. Magazines. 244,233; Mar. 22.
Madeleine Vionnet et Cie., Paris, France. Perfumes, perfumed talcum, sachet, face powder, etc. 236,242; Mar. 22.
Makin Heating Company, The, Philadelphia, Pa. Hot-water generators, warm-air circulators, etc. 242,543; Mar. 22.
Malden Knitting Mills, Malden, Mass. Sweaters and bathing suits. 243,444; Mar. 22.
McEwen, Irving, Omaha, Nebr. Soaps. 243,009; Mar. 22.
Medical Life Press, The. (See Robinson, Victor.)
Midwest Varnish Company, Chicago, Ill. Paints, varnishes, and auto enamels. 242,602; Mar. 22.
Millers Falls Company, Millers Falls, Mass. and New York, N. Y. Levels. 233,216; Mar. 22.
Milton, E. H., and Sons, Sedalia, Mo. Gasoline, kerosene, burning oils, fuel oils, and distillate. 241,426; Mar. 22.
Mirenta, A., & Co. Incorporated, Tacoma, Wash. Deodorant. 243,126; Mar. 22.
Model Mill Company, Johnson City, Tenn. Plain wheat flour and self-rising flour. 242,736; Mar .22.
Monroe Milling Company, Waterloo, Ill. Wheat flour. 232,029; Mar. 22.
Morrow-Kidder Milling Company, Carthage, Mo. Wheat flour. 240,729; Mar. 22.
Mott, Carlin P., doing business as Mott Chemical Products, Detroit, Mich. Skin lotion. 243,104; Mar. 22.
NEA Service, Inc., Cleveland, Ohio. Story strip. 243,962; Mar. 22.
NEA Service, Inc., Cleveland, Ohio. Comic strip. 243,963; Mar. 22.
Neal, Marshall S., doing business as Marshall Neal & Company, Pasadena, Calif. Stuffed figs, fig chews, preserved figs, pickles, grape jelly, etc. 240,676; Mar. 22.
Nervodo Aktiengesellschaft, Zurich, Switzerland. Medical remedy and pharmaceutical preparation. 236,899; Mar. 22.
Northwest Gypsum Products Company, Lewistown, Mont. Gypsum tile. 243,062; Mar. 22.
Ohio Butterine Company, The, Cincinnati, Ohio. Oleomargarine. 244,174; Mar. 22.
Ohio Malt Products Company, Toledo, Ohio. Malt extract, beverages, and sirups. 230,406; Mar. 22.
Orchestron Company, Glendale, Calif. Radio loud speakers. 239,892; Mar. 22.
Oriental Silk Printing Company, Haledon, N. J., and New York, N. Y. Textile fabrics. 244,315; Mar. 22.
Paine, Horace W., New York, N. Y. Bottled milk. 241,296; Mar. 22.
Palazzolo, Antonio, Cincinnati, Ohio. Macaroni. 243,167; Mar. 22.
Patek Brothers, Inc., Milwaukee, Wis. Varnish. 243,964; Mar. 22.
Patterson, M. F., Dental Supply Company, St. Paul, Minn. Denture material. 243,284; Mar. 22.
Pease, Clark D., Inc., New York, N. Y. Automobiles, automobile chassis, and construction parts thereof, and carrosseries. 237,511; Mar. 22.
Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Chemical for cleaning drains and sinks. 242,547; Mar. 22.
Perfection Biscuit Co., Fort Wayne, Ind. Bread. 243,454; Mar. 22.
Pheonix Candy Company, The. (See Caricari, Charles A.)
Pruner, Charles D., Exeter, Calif. Grapes, plums, and peaches. 241,744; Mar. 22.
Publicker Inc., Philadelphia, Pa. Alcohol preparation for external use. 243,015; Mar. 22.
Ramsey, James C., Roswell, N. Mex. Friction fire starter for use by boy scouts, campers, and tourists. 242,500; Mar. 22.
Rand McNally and Company, Chicago, Ill. Publication. 242,502; Mar. 22.
Raynor & Perkins Envelope Company, New York, N. Y. Paper for writing and printing purposes and envelopes. 242,748–50; Mar. 22.
Redner, James A., doing business as Zulu Blow Gun Company, Battle Creek, Mich. Blow-gun target games. 242,211; Mar. 22.
Re-Du-Sol Co. (See Heller, Herman.)
Reif Brothers, assignor to Reif-Rexoil Inc., Buffalo, N. Y. Oil-burning apparatus. 240,004; Mar. 22.
Reiff & Nestor Company, Lykens, Pa. Tools for reconditioning threads of bolts, axles, hubs, etc. 243,115; Mar. 22.
Robinson, Victor, doing business as The Medical Life Press, New York, N. Y. Monthly publication. 243,171; Mar. 22.
Rochlin, F., Milling Corp., Catskill, N. Y. Brown buckwheat groats and German grits. 242,067; Mar. 22.
Roper, Geo. D., Corporation, Rockford, Ill. Electric stoves, plates, and ranges. 219,913; Mar. 22.
Ross, Howard L., New York, N. Y. Cream rouge. 243,457; Mar. 22.
Rothchild & Hirschensohn Inc., New York, N. Y. Ladies' hats. 243,019; Mar. 22.
Rouss, Charles Broadway, Inc., New York, N. Y. Men's and boys' overalls. 243,642; Mar. 22.
Rumex Remedy Company. (See Smith, Norman M.)
Sanat Refrigerating Company, New York N. Y. Refrigerators and refrigerating machinery. 243,728; Mar. 22.
Scandinavia Belting Company, The, Newark, N. J. Transmission and brake lining. 243,173; Mar. 22.
Schluderberg, Wm.-T. J. Kurdel Co., Baltimore, Md. Packers' products—namely, lards, creamery butter, hams, bacon, sausage, etc. 239,679; Mar. 22.
Schroder, J. Henry, Banking Corporation, New York, N. Y. Financial publication. 241,636; Mar. 22.
Schroder, J. Henry, Banking Corporation, New York, N. Y. Financial publication. 241,639; Mar. 22.
Sears, Roebuck and Co., Chicago, Ill. Sanitary napkins. 243,390; Mar. 22.
Senco Mfg. Company. (See Tarver, Will H.)
Serpico, Thomas, Brooklyn, N. Y. Telephone spelling charts. 243,325; Mar. 22.
Service Grocer Company, Inc., Detroit, Mich. Canned fruits, vegetables, and salmon, coffee, tea, jams, jellies, etc. 238,747; Mar. 22.
Serv-Rite Corporation, Los Angeles, Calif. Peanut butter. 242,753; Mar. 22.
Seymour Ice Cream Company. (See Thompson, James R.)
Shotwell Mfg. Co., Chicago, Ill. Candy bar. 203,979; Mar. 22.
Shotwell Mfg. Co., The, Chicago, Ill. Candy bar. 242,858; Mar. 22.
Smith Chemical Corporation, Johnson City, Tenn. Liniment. 243,505; Mar. 22.
Smith & Nichols, Incorporated, New York, N. Y. Candles. 240,747; Mar. 22.
Smith, Norman M., doing business as Rumex Remedy Company, Minneapolis, Minn. Preparation for the treatment of colds and coughs. 241,548; Mar. 22.
Societe Francaise de Filetage Indesserrable, D. D. G., Paris, France. Bolts and nuts, self-locking bolts and nuts, and metal screws. 242,861; Mar. 22.
Southwestern Products Company, Paris, Tenn. Treated dust cloth used on autos, furniture, or painted or enameled surfaces. 231,169; Mar. 22.
Spanish-American Publishing Company, Los Angeles, Calif. Monthly magazine. 243,668; Mar. 22.
Standard Hat Company, San Francisco, Calif. Hats. 241,189; Mar. 22.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Steinfeld Bros., Inc., New York, N. Y. Ladies' wearing apparel. 236,232; Mar. 22.
Straub & Yorke, Chicago, Ill. Polishes and dressings. 242,318; Mar. 22.
Sun-Ray Lighting Products, Inc., New York, N. Y. Electric-lighting equipment. 242,554; Mar. 22.
Tarver, Will H., doing business as Senco Mfg. Company, Little Rock, Ark. Medicine for colds, coughs, influenza, and la grippe. 242,156; Mar. 22.
Texas Star Flour Mills, Galveston, Tex. Wheat flour. 242,631; Mar. 22.
Thompson, James R., doing business as Seymour Ice Cream Company, Seymour, Ind. Ice cream. 243,293; Mar. 22.
Tidewater Leather Company, Salem, Mass. Leather. 248,026; Mar. 22.
Tissue Company, The, Saugerties, N. Y. Crepe paper. 241,361; Mar. 22.
Ton-Tex Corporation, Grand Rapids, Mich. Belting. 239,438; Mar. 22.
Tri-Po Products Co. (See Converse, Frederick L.)
Turner Halsey Co., New York, N. Y. Cotton piece goods. 243,463; Mar. 22.
Tuttle & Bailey Manufacturing Company, New York and Brooklyn, N. Y. Heating-system devices. 240,456; Mar. 22.
Tuttle & Bailey Manufacturing Company, New York and Brooklyn, N. Y. Heating-system devices. 240,458; Mar. 22.
United Manufacturing Company, Portland, Oreg. Furniture, tables, mattresses, and bed springs. 229,135; Mar. 22.
Universal Pictures Corporation, New York, N. Y. Weekly periodical. 243,731; Mar. 22.
Utt, James B., doing business as Utt-Williams Electrical Products Company, Santa Ana, Calif. Radio receiving sets. 229,479; Mar. 22.
Utt-Williams Electrical Products Company. (See Utt, James B.)
Validejuli, Manuel S., Buffalo, N. Y. Laxative, diuretic, and eliminant. 240,462; Mar. 22.
Victor Adding Machine Co., Chicago, Ill. Motor boats. 231,420; Mar. 22.
Viking Gasoline Corporation, Charleston, W. Va. Gasoline, extracted, blended, and compounded. 242,456; Mar. 22.
Viking Laboratories, Incorporated, Charleston, W. Va. Soaps and soap compounds. 242,453–4; Mar. 22.
Watkins, R. M., doing business as Watkins Hosiery Mills, Chattanooga, Tenn. Hosiery. 241,362; Mar. 22.
Wayne Creamery, Detroit, Mich. Pasteurized and fresh milk. 231,886; Mar. 22.
Western Grain Company, Birmingham, Ala. Oats, corn, corn chops, etc. 243,406; Mar. 22.
Western Grocer Company, Marshalltown, Iowa. Poultry feed. 244,199; Mar. 22.
White Grain Company, Duluth, Minn. Feeds (scratch feeds). 239,449; Mar. 22.
White-Haines Optical Company, The, Columbus, Ohio. Spectacle frames. 243,906; Mar. 22.
White-Haines Optical Company, The, Columbus, Ohio. Spectacle frames. 243,908; Mar. 22.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Writing paper and mailing envelopes. 243,179; Mar. 22.
Whitlock Cordage Company, New York, N. Y. Rope. 240,636; Mar. 22.
Williams, John R., doing business as Williams Eureka Bakery, Long Beach, Calif. Bread. 243,635; Mar. 22.
Wollstein, Richmond, Rome, Ga. Hosiery. 243,031; Mar. 22.
Woodward, John G., & Co. (Inc.), Council Bluffs, Iowa. Candy. 234,068; Mar. 22.
Woolf Brothers, Inc., Kansas City, Mo. Men's and boys' clothing. 243,182; Mar. 22.
X-Zalia Corporation, Boston, Mass. Medicines. 243,247; Mar. 22.
Zisko Ointment Company. (See Billings, Elmer E.)
Ziv Steel & Wire Company, Chicago, Ill. Drill and tool steel. 243,910; Mar. 22.
Zollinger & Schroth, Inc., New York, N. Y. Silk piece goods. 243,911; Mar. 22.
Zulu Blow Gun Company. (See Redner, James A.)

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Coal. Paris Fuel Company. 225,552–3; Mar. 22; Serial Nos. 237,280–1; published Jan. 4, 1927.
Fur-bearing animals, such as badgers, coons, fishers, foxes, etc. Federal Distributing Company. 225,540; Mar. 22; Serial No. 238,210; published Jan. 4, 1927.
Granite, Uncut. Cold Spring Granite Co. 225,720; Mar. 22; Serial No. 239,574; published Jan. 4, 1927.
Hides and colt skins, Horse. B. D. Eisendrath. 55,345; renewed Aug. 14, 1926.
Leather. J. Mayer & Sohn. 225,537; Mar. 22; Serial No. 238,275; published Jan. 4, 1927.
Leather and products, Sole. J. M. Delaney & Co. 59,660; renewed Jan. 15, 1927.
Lubricants, varnishes, resins, etc. Ichthyol Gesellschaft, Cordes, Hermanni & Co. 29,939; renewed May 4, 1927.
Peat-moss products. Pennrich & Company. 225,478; Mar. 22; Serial No. 239,316; published Dec. 28, 1926.
Rock and marble, Uncut. Fevre & Cie. 225,778; Mar. 22; Serial No. 232,918; published Dec. 28, 1926.
Seeds. Atlantic Seed Company. 225,741; Mar. 22; Serial No. 236,299; published Dec. 28, 1926.

CLASS 2.

Boxes and holders of paper and metal for soap, Fancy. H. Lowenfeld. 225,772; Mar. 22; Serial No. 229,804; published Jan. 11, 1927.
Cages, Bird. Bing Werke, vorm. Gebrüder Bing A. G. Nürnberg. 225,645; Mar. 22; Serial No. 211,90; published Jan. 11, 1927.
Envelopes and bags for merchandise, Paper. Wolf Brothers. 225,617; Mar. 22; Serial No. 227,431; published Jan. 11, 1927.

CLASS 3.

Bags, hatboxes, suitcases, etc., Hand. Best & Co. 225,629; Mar. 22; Serial No. 223,276; published Jan. 4, 1927.
Bags, Shopping, hand, suit, etc. M. Pomerans. 225,697; Mar. 22; Serial No. 228,067; published Jan. 4, 1927.
Horse and mule shoes, Metal. Phoenix Horse Shoe Company. 225,785; Mar. 22; Serial No. 239,264; published Jan. 4, 1927.
Tires and tubes. U. S. Farm Sales Co. 225,504; Mar. 22; Serial No. 239,496; published Jan. 11, 1927.

CLASS 4.

Abrasive cleansing, polishing, and scouring preparation. Cudahy Packing Company. 62,127; renewed Apr. 23, 1927.
Cleaning and polishing compound. A. Hyde. 225,794; Mar. 22.
Cleaning fluid. Nu-Mode Materials. 225,820; Mar. 22.
Cleaning fluid, Dry-. Nostane Products Company. 225,610; Mar. 22; Serial No. 239,671; published Jan. 4, 1927.
Cleaning paste. Flash Chemical Company. 60,521; renewed Feb. 12, 1927.
Cleaning preparations, Dry-. Auglaize Chemical Company. 225,573; Mar. 22; Serial No. 240,289; published Jan. 4, 1927.
Cleanser compound for metals and the human hands by emulsification. National Oil and Chemical Company. 225,643; Mar. 22; Serial No. 218,770; published Dec. 28, 1926.
Cream, Shaving. A. W. Comstock. 225,819; Mar. 22.
Detergent cleaning preparation. Chemische Fabrik Griesheim-Elektron. 61,628; renewed Apr. 2, 1927.
Polish for stoves, stovepipes, furnaces, etc. J. L. Prescott Company. 225,451; Mar. 22; Serial No. 239,198; published Jan. 4, 1927.
Polish, Glass. G. W. Gallaway. 225,755; Mar. 22; Serial No. 240,138; published Jan. 4, 1927.
Polishing and burnishing material, Metallic. H. L. Beaver. 225,575; Mar. 22; Serial No. 240,336; published Jan. 4, 1927.
Preparation for shaving. E. W. Crane. 225,554; Mar 22; Serial No. 237,225; published Jan. 4, 1927.
Razor strops. Kampfe Bro's. 62,811; renewed May 28, 1927.
Soap. Robinson Bros. & Company Incorporated. 63,342; renewed June 18, 1927.
Soap. Robinson Bros. & Company Incorporated. 63,344–5; renewed June 18, 1927.
Soap. Robinson Bros. & Company Incorporated. 63,347; renewed June 18, 1927.
Soap. Robinson Bros. & Company Incorporated. 63,476; renewed June 25, 1927.
Soap. Robinson Bros. & Company Incorporated. 63,478; renewed June 25, 1927.
Soap chips. Colgate & Company. 225,536; Mar. 22; Serial No. 240,524; published Jan 4, 1927.
Soap compound. Meibar Manufacturing Co. 225,762; Mar. 22; Serial No. 235,223; published Jan. 4, 1927.
Soap, Oil. Phoenix Oil Company. 225,781; Mar. 22; Serial No. 239,765; published Jan. 4, 1927.
Soap, shaving cream, and preparations having cleaning qualities. Lysol, Incorporated. 225,545; Mar. 22; Serial No. 237,610; published Jan. 4, 1927.
Soap, Toilet. J. G. Mouson & Co. 54,789; renewed July 31, 1926.
Soap, Toilet. Oskamp Nolting Co. 225,467; Mar. 22; Serial No. 239,195; published Jan. 4, 1927.
Soaps. J. G. Mouson & Co. 54,788; renewed July 31, 1926.

CLASS 5.

Adhesive paste. H. P. Caswell. 225,800; Mar. 22.

CLASS 6.

Alterative and tonic. D. I. McMartin. 225,505; Mar. 22; Serial No. 239,481; published Jan. 11, 1927.
Bunion, corn, callus plasters, etc. Jiffy Remedies Company. 225,603; Mar. 22; Serial No. 233,777; published Nov. 16, 1926.
Chemical composition, Liquid. F. A. Hoppe. 63,643; renewed July 2, 1927.
Chemical preparations. Fritzsche Brothers. 62,432; renewed May 7, 1927.
Chemicals, Photographic. N. Benedik. 225,766; Mar. 22; Serial No. 235,724; published Jan. 11, 1927.
Chloride of ethyl. H. H. Fries. 63,705; renewed July 2, 1927.
Compound, Cleaning. B. T. Babbitt Inc. 225,764; Mar. 22; Serial No. 235,450; published Jan. 11, 1927.
Compound oils for making perfumes. George Lueders & Co. 63,579; renewed June 25, 1927.
Dyes. Farbwerke vorm. Meister Lucius & Brüning. 62,108; renewed Apr. 16, 1927.
Dyestuffs. Farbwerke vorm. Meister Lucius & Brüning. 62,109; renewed Apr. 16, 1927.
Dyestuffs, Coal-tar. Actien-Gesellschaft für Anilin-Fabrication. 62,086; renewed Apr. 16, 1927.
Fire-extinguishing compounds. Pluvius-Feuerlöscher-Gesellschaft mit beschränkter Haftung. 61,719; renewed Apr. 2, 1927.
Gargle and spray, Throat. T. W. King. 225,742; Mar. 22; Serial No. 238,793; published Jan. 11, 1927.
Insecticides. Antrol Laboratories, Inc. 225,488; Mar. 22; Serial No. 240,055; published Dec. 28, 1926.
Laxative medicines. F. A. Luyties. 59,752; renewed Jan. 15, 1927.
Liniment. Kennedy Products Co. 225,747; Mar. 22; Serial No. 233,006; published Jan. 11, 1927.
Lotion for healing diseased and infected mucous membranes. E. A. Stapleton. 225,773; Mar. 22; Serial No. 229,880; published Jan. 11, 1927.
Lotion for ulcers, eczema, etc. V. Saporito. 225,717; Mar. 22; Serial No. 240,277; published Jan. 11, 1927.
Medicated lubricant. Electro Thermal Company. 225,759; Mar. 22; Serial No. 238,644; published Jan. 4, 1927.
Medicinal or pharmaceutical preparations. W. Weinar. 225,577; Mar. 22; Serial No. 229,488; published Jan. 4, 1927.
Medicinal preparation. J. Nacarate. 225,748; Mar. 22; Serial No. 233,653; published Jan. 11, 1927.
Medicinal preparations. Actien-Gesellschaft für Anilin-Fabrikation. 62,033; renewed Apr. 16, 1927.
Medicinal preparations. Actien-Gesellschaft für Anilin-Fabrikation. 62,034; renewed Apr. 16, 1927.
Medicinal product. Società Anonima Prodotti Farmaceutici Specializzati Dott. M. Calosi & Figlio. 225,604; Mar. 22; Serial No. 233,285; published Jan. 4, 1927.
Medicinal salve. J. Reuter. 225,564; Mar. 22; Serial No. 240,442; published Jan. 11, 1927.
Medicine. J. C. Hutchison. 60,605; renewed Feb. 12, 1927.
Medicine for use in the treatment of cancer. J. Lindgren. 225,486; Mar. 22; Serial No. 239,040; published Jan. 11, 1927.
Medicine, Stomach. A. E. Crippen. 225,516; Mar. 22; Serial No. 238,362; published Jan. 11, 1927.
Medicines in capsule form, etc. H. G. Dodd. 225,741; Mar. 22; Serial No. 238,778; published Jan. 4, 1927.
Mineral oil. Okonite-Callender Cable Company. 225,457; Mar. 22; Serial No. 239,714; published Jan. 4, 1927.
Oil, Emulsion of cod-liver. Ozomulsion Co. 63,581; renewed June 25, 1927.
Ointments. Pitman-Myers Company. 61,758; renewed Apr. 2, 1927.
Pastes for coloring food. Joseph Burnett Company. 225,673; Mar. 22; Serial No. 269,689; published Jan. 11, 1927.
Perfume, toilet water, face powder, etc. J. Bluemantle. 225,530; Mar. 22; Serial No. 240,767; published Jan. 11, 1927.
Perfumery. Hawin Company. 225,613; Mar. 22; Serial No. 239,473; published Jan. 4, 1927.
Pharmaceutical and toilet preparations. R. C. Lawry. 225,774; Mar. 22; Serial No. 231,383; published Jan. 11, 1927.
Pharmaceutical preparations. L. Ganbarg. 225,509; Mar. 22; Serial No. 239,405; published Jan. 4, 1927.
Photographic developers. Actien-Gesellschaft für Anilin-Fabrikation. 61,920; renewed Apr. 9, 1927.
Photographic developers. Actien-Gesellschaft für Anilin-Fabrikation. 62,087; renewed Apr. 16, 1927.
Pills. J. F. Heijsa. 225,595; Mar. 22; Serial No. 211,105; published Oct. 27, 1925.
Pills for gall-bladder visualization, Enteric-coated. Davies, Rose & Co., Ltd. 225,634; Mar. 22; Serial No. 223,085; published Jan. 4, 1927.
Powder, etc., Hair, face, and body. Pallobona-Gesellschaft Paul Weidenkaff. 225,601; Mar. 22; Serial No. 234,277; published Jan. 4, 1927.
Powders, creams, and packs, rouges, perfumes, etc., Face. Manka Rubinstein, Inc. 225,525; Mar. 22; Serial No. 240,822; published Jan. 11, 1927.
Preparation for coughs, colds, etc. R. D. Coulson. 225,602; Mar. 22; Serial No. 234,197; published Jan. 4, 1927.
Preparation for exterminating water bugs, roaches, etc. A. G. Maas. 225,501; Mar. 22; Serial No. 239,532; published Jan. 11, 1927.
Preparation for pyorrhea and for cleaning and preserving the teeth. Nox-Pyorrhea Company. 225,450; Mar. 22; Serial No. 239,820; published Jan. 11, 1927.
Preparation for the cure of dyspepsia. M. A. Lupton, M. F. Cattell, P. S. Hortz. 62,696; renewed May 21, 1927.
Preparation for the treatment of diseases of the throat and lungs. M. A. Lupton, M. F. Cattell, and P. S. Hortz. 62,619; renewed May 14, 1927.
Preparation, Hair-grower. F. J. Taylor. 225,449; Mar. 22; Serial No. 239,833; published Jan. 11, 1927.
Preventive for infection. Interceptor Chemical Co. 225,473; Mar. 22; Serial No. 239,858; published Jan. 11, 1927.
Remedy. Murray Drug Co. 63,645; renewed July 2, 1927.
Remedy. Spinol Company. 61,760; renewed Apr. 2, 1927.
Remedy for treatment of indigestion, etc., in cattle. E. M. Brown. 225,503; Mar. 22; Serial No. 239,506; published Jan. 11, 1927.
Salt. Texas Salt Company. 225,519; Mar. 22; Serial No. 238,465; published Jan. 4, 1927.
Silver, copper, mercury, arsenic, etc., Colloidal preparations of. E. H. Fouard. 225,726; Mar. 22; Serial No. 224,134; published Jan. 11, 1927.
Toilet articles, preparations, and products. B. Ansehl. 225,570; Mar. 22; Serial No. 240,393; published Jan. 11, 1927.
Toilet preparations. National Department Stores, Inc. 225,648; Mar. 22; Serial No. 200,518; published Dec. 22, 1925.
Toilet requisites. Odell Company. 225,500; Mar. 22; Serial No. 239,539; published Jan. 11, 1927.
Toilet waters. L. T. Piver & Cie. 29,580; renewed Feb. 23, 1927.
Tonic, Hair. H. E. Munro. 225,566; Mar. 22; Serial No. 240,429; published Jan. 4, 1927.
Tonic, Hair. Porte & Cie. 225,475; Mar. 22; Serial No. 239,265; published Jan. 11, 1927.
Washing crystal, compounds for softening water, gloss starch, and saffron. Sherer-Gillett Company. 62,916; renewed May 28, 1927.
Waters, Perfumed toilet. Pinaud, Incorporated. 225,667; Mar. 22; Serial No. 232,217; published Aug. 10, 1926.

CLASS 7.

Cordage. Columbian Rope Company. 61,075; renewed Mar. 5, 1927.
Twine. A. W. Archer Co. 225,655; Mar. 22; Serial No. 240,163; published Jan. 11, 1927.

CLASS 8.

Cigarette cases, pouches, cigar cases, and humidors. Armin Degener, Inc. 225,695; Mar. 22; Serial No. 241,037; published Jan. 11, 1927.

CLASS 9.

Fireworks. Hitt Fireworks Company. 225,469; Mar. 22; Serial No. 239,656; published Jan. 11, 1927.
Matches, Safety. Jönköpings och Vulcans Tändsticksfabriksaktiebolag. 62,726–7; renewed May 21, 1927.
Rifles and guns. Colt's Patent Fire Arms Manufacturing Company. 58,249; renewed Dec. 11, 1926.
Rifles and guns. Colt's Patent Fire Arms Manufacturing Company. 58,277–8; renewed Dec. 11, 1926.

CLASS 11.

Typewriter ribbons and carbon paper. Carter's Ink Company. 63,186; renewed June 11, 1927.

CLASS 12.

Coating and covering materials of a cementitious nature. Solidifier Corporation. 225,716; Mar. 22; Serial No. 239,328; published Dec. 28, 1926.
Doors, house trim, and building brick, Fireproof. Bronx County Builders Supply Co. 225,548; Mar. 22; Serial No. 237,539; published Dec. 28, 1926.
Millwork. Simons Millwork, Inc. 225,712; Mar. 22; Serial No. 236,659; published Jan. 4, 1927.
Pavements of asphalt. Godson Contracting Company. 225,769; Mar. 22; Serial No. 236,208; published Dec. 28, 1926.
Weather stripping. Thermwool Products Co. 225,551; Mar. 22; Serial No. 237,298; published Dec. 28, 1926.

CLASS 13.

Enamel ware. Bing Werke, vorm. Gebrüder Bing A. G. Nürnberg. 225,646; Mar. 22; Serial No. 211,894; published Jan. 11, 1927.
Enameled steelware. Geo. Borgfeldt & Co. 62,150; renewed Apr. 23, 1927.
Rivets for shoes. Churchill and Alden Company. 225,526; Mar. 22; Serial No. 240,804; published Jan. 11, 1927.

Water systems, Apparatus for feeding rust-preventing compounds into. Detroit Range Boiler & Steel Barrel Company. 225,765; Mar. 22; Serial No. 235,640; published Jan. 11, 1927.

CLASS 14.

Alloys and castings thereof, Metal. Walworth Company. 225,510; Mar. 22; Serial No. 239,391; published Jan. 4, 1927.
Metal castings. Pacific Foundry Company. 225,565; Mar. 22; Serial No. 240,438; published Jan. 4, 1927.
Steel, Tool. J. A. Crowley. 60,130; renewed Jan. 29, 1927.

CLASS 15.

Gasoline. Sherwood Bros. Inc. 225,591; Mar. 22; Serial No. 215,276; published Sept. 22, 1925.
Lubricants. Viscosity Oil Company. 225,531; Mar. 22; Serial No. 240,761; published Jan. 11, 1927.
Lubricants, Liquid. Vesuvius Corporation. 225,647; Mar. 22; Serial No. 211,725; published Jan. 11, 1927.
Naphtha refined exclusively for the dry-cleaning industry, Specialty. Anderson-Prichard Oil Corporation. 225,493; Mar. 22; Serial No. 239,959; published Dec. 28, 1926.
Oil. G. W. Cole Company. 61,545–6; renewed Mar. 26, 1927.
Oil, Emulsive. Bayerson Oil Works. 225,589; Mar. 22; Serial No. 218,684; published Mar. 23, 1926.
Oil, Lubricating. Castorlube Refining Company. 225,520; Mar. 22; Serial No. 238,485; published Jan. 11, 1927.
Oils and greases, Lubricating. Adolf Schmids Erben, Aktiengesellschaft. 225,513; Mar. 22; Serial No. 238,285; published Jan. 11, 1927.
Oils and greases, Lubricating. O'Neil Oil & Paint Co. 225,596; Mar. 22; Serial No. 205,706; published May 25, 1926.
Oils and greases, Lubricating. Pennant Oil & Grease Co. 225,580; Mar. 22; Serial No. 226,157; published June 8, 1926.
Oils and greases, Lubricating. Pierce Petroleum Corporation. 225,454; Mar. 22; Serial No. 239,058; published Jan. 11, 1927.
Oils and greases, Lubricating. Pierce Petroleum Corporation. 225,460; Mar. 22; Serial No. 239,053; published Jan. 11, 1927.
Oils and greases, Lubricating. Pierce Petroleum Corporation. 225,463; Mar. 22; Serial No. 239,057; published Jan. 11, 1927.
Oils and greases made from petroleum. Standard Oil Company (New Jersey). 225,679; Mar. 22; Serial No. 227,200; published Mar. 30, 1926.
Oils and greases, Motor. C. F. Battenfeld Oil Company. 225,459; Mar. 22; Serial No. 239,694; published Jan. 11, 1927.
Oils and lubricating greases. Standard Oil Company (New Jersey). 225,600; Mar. 22; Serial No. 234,749; published Jan. 4, 1927.
Oils, greases, gasoline, kerosene, etc. Hercules Gasoline Co. 225,672; Mar. 22; Serial No. 237,807; published Jan. 4, 1927.
Oils, greases, waxes, etc. Vacuum Oil Company. 225,649; Mar. 22; Serial No. 239,447; published Jan. 4, 1927.
Oils, Lubricating. Pierce Petroleum Corporation. 225,461; Mar. 22; Serial No. 239,054; published Jan. 11, 1927.
Oils, Lubricating. Pierce Petroleum Corporation. 225,462; Mar. 22; Serial No. 239,056; published Jan. 11, 1927.
Oils, Lubricating. Pierce Petroleum Corporation. 225,487; Mar. 22; Serial No. 239,047; published Jan. 11, 1927.
Oils, Lubricating. Pierce Petroleum Corporation. 225,623; Mar. 22; Serial No. 239,048; published Jan. 11, 1927.
Oils, Lubricating. Richfield Oil Company. 225,593; Mar. 22; Serial No. 211,623; published June 29, 1926.
Oils, Motor. Texas Pacific Coal & Oil Company. 225,740; Mar. 22; Serial No. 238,752; published Jan. 4, 1927.
Petroleum products. Simms Oil Company. 225,816; Mar. 22, 1927.

CLASS 16.

Enamel, Paint. Capitol Paint & Varnish Works, Inc. 225,541; Mar. 22; Serial No. 238,043; published Dec. 28, 1926.
Enamels, Paint. Arnesto Paint Co. Inc. 225,681; Mar. 22; Serial No. 239,634; published Jan. 4, 1927.
Lacquer. Egyptian Lacquer Manufacturing Company. 225,590; Mar. 22; Serial No. 215,903; published May 18, 1926.
Lead, White. Brandram Bros. & Co. Ltd. 59,914; renewed Jan. 22, 1927.
Paint. Arnesto Paint Co. Inc. 225,627; Mar. 22; Serial No. 220,699; published Jan. 4, 1927.
Paint, Aluminum. Holzapfel's Compositions Company. 62,781; renewed May 28, 1927.
Paint and paint thinner. Ironsides Company. 225,608; Mar. 22; Serial No. 240,657; published Jan. 4, 1927.
Paint and varnish remover. Berry Brothers, Limited. 63,327; renewed June 18, 1927.
Paint enamels, paint and varnish thinners, and lacquers. Acme White Lead & Color Works. 225,592; Mar. 22; Serial No. 213,759; published Mar. 2, 1926.
Paint, mixed paint, and enamels, Anticorrosive and antifouling. Holzapfel's Compositions Company. 61,631; renewed Apr. 2, 1927.
Paints and paint thinner. Ironsides Company. 225,691; Mar. 22; Serial No. 240,656; published Jan. 4, 1927.
Paints and painters' materials. Acme White Lead & Color Works. 63,481; renewed June 25, 1927.
Paints and painters' materials. Adams & Elting Co. 60,287; renewed Feb. 5, 1927.
Paints, enamels, stains, and varnishes. Acme White Lead & Color Works. 62,706; renewed May 21, 1927.
Paints, Refractory. Vitrefrax Company. 225,614; Mar. 22; Serial No. 228,512; published Dec. 28, 1926.
Paints, turpentine, linseed oil, etc. Merritt Supply Co. 225,668; Mar. 22; Serial No. 233,212; published Jan. 4, 1927.
Paints, varnishes, etc. A. S. Elfenbein. 225,568; Mar. 22; Serial No. 240,349; published Dec. 28, 1926.
Painters' materials. Samuel H. French & Co. 62,510; renewed May 14, 1927.
Varnish remover. Sovereign Paint Manufacturing Co. 225,476; Mar. 22; Serial No. 239,274; published Jan. 4, 1927.
White lead and zinc white. Samuel H. French & Co. 62,833; renewed May 28, 1927.
White lead and zinc white. Samuel H. French & Co. 62,835; renewed May 28, 1927.

CLASS 17.

Cigars. C. L. Brandon. 225,547; Mar. 22; Serial No. 237,591; published Jan. 11, 1927.
Cigars, cigarettes, smoking tobacco, etc. Generaldirektion der Osterr Tabakregie. 225,599; Mar. 22; Serial No. 234,779; published Jan. 4, 1927.
Tobacco, cigars, cigarettes, and snuff, Smoking. De Erven de Wed. J. Van Nelle. 61,407; renewed Mar. 26, 1927.

CLASS 19.

Automobile heaters. R. Kidde. 225,743; Mar. 22; Serial No. 232,615; published Jan. 11, 1927.
Automobile taxicabs. Shf-T-Cab Corporation. 225,479; Mar. 22; Serial No. 239,318; published Jan. 11, 1927.
Automobiles, Shock absorbers for. American Bosch Magneto Corporation. 225,490; Mar. 22; Serial No. 239,912; published Jan. 11, 1927.
Brakes and brake systems and parts thereof. Bendix Brake Company. 225,499; Mar. 22; Serial No. 239,876; published Jan. 11, 1927.

CLASS 20.

Floor coverings and rugs. Cott-A-Lap Company. 225,722–3; Mar. 22; Serial Nos 239,640–1; published Jan. 11, 1927.

CLASS 21.

A-battery eliminators. Davy Electrical Corporation. 225,571; Mar. 22; Serial No. 240,344; published Jan. 4, 1927.
Batteries, Dry. National Carbon Company. 62,178; renewed Apr. 23, 1927.
Batteries, Dry-cell. Comet Company. 225,682; Mar. 22; Serial No. 236,195; published Jan. 4, 1927.
Battery terminal clamps, Automobile. G. B. Kearns. 225,737; Mar. 22; Serial No. 204,663; published Jan. 4, 1927.
Board and/or paper for the purpose of electrical insulation, Composition. Stevens Paper Mills, Inc. 225,581; Mar. 22; Serial No. 224,435; published Mar. 30, 1926.
Circuit controllers or switches. Albert & J. M. Anderson Manufacturing Company. 52,653; renewed May 15, 1927.
Electric apparatus and supplies. Arknot Co. 59,807; renewed Jan. 15, 1927.
Electric candles. Luminex Company. 225,515; Mar. 22; Serial No. 238,325; published Jan. 4, 1927.
Electric control apparatus and systems, switches, etc. Allis-Chalmers Manufacturing Company. 225,562; Mar. 22; Serial No. 240,471; published Jan. 4, 1927.
Electric heaters, electric vaporizers, and fumers. As-Ke Fuemer Company. 225,619; Mar. 22; Serial No. 225,397; published Jan. 11, 1927.
Electric motors. United States Electrical Manufacturing Company. 225,812; Mar. 22.
Electrical apparatus. Chloride of Silver Dry Cell Battery Company. 60,128; renewed Jan. 29, 1927.
Electrical apparatus. De Veau Telephone Manufacturing Company. 58,519; renewed Dec. 18, 1926.
Electrical apparatus. Pacent Electric Company. 225,605; Mar. 22; Serial No. 232,935; published Jan. 4, 1927.
Electrical appliances. H. A. Abrams. 225,807; Mar. 22.
Electrical connecting devices. Electric Company. 225,544; Mar. 22; Serial No. 237,658; published Dec. 28, 1926.
Electrical lamps for automobiles. Guide Motor Lamp Manufacturing Company. 225,584–6; Mar. 22; Serial Nos. 222,115–7; published Jan. 4, 1927.
Electrically-heated coffee boilers, electrical heating resistances and safety valves. A Torriani. 225,618; Mar. 22; Serial No. 227,281; published Jan. 11, 1927.

Lamps for automotive vehicles, Electric signal. O. C. Ritz Woller. 225,579; Mar. 22; Serial No. 227,838; published July 20, 1926.
Lamps, Incandescent. Buckeye Electric Company. 59,970; renewed Jan. 22, 1927.
Lamps, Incandescent. Eagle Lamp Company. 61,443; renewed Mar. 19, 1927.
Lamps, Incandescent. General Incandescent Lamp Company. 60,163; renewed Jan. 29, 1927.
Lighting fixtures, Electric. Edwin F. Guth. 225,806; Mar. 22.
Loud speakers, electron-tube audiofrequency amplifiers, audiofrequency transformers, and telephone head sets. Brandes Products Corporation. 225,815; Mar. 22.
Radio receiving sets. Imperial Merchandise Company. 225,552; Mar. 22; Serial No. 223,173; published Jan. 4, 1927.
Radio receiving sets. Imperial Merchandise Company. 225,636; Mar. 22; Serial No. 223,171; published Jan. 4, 1927.
Radio receiving sets. A. G. Landres. 225,502; Mar. 22; Serial No. 239,528; published Jan. 4, 1927.
Radio vacuum tubes. Imperial Merchandise Co. 225,637; Mar. 22; Serial No. 223,172; published Jan. 4, 1927.
Resistance elements. Pilot Electric Manufacturing Company. 225,588; Mar. 22; Serial No. 218,774; published Jan. 19, 1927.
Rosettes. General Electric Company. 60,523; renewed Feb. 12, 1927.
Switch plates. H. M. Brown. 225,638; Mar. 22; Serial No. 223,430; published Jan. 11, 1927.
Tubes and valves, Vacuum. Radio Corporation of America. 225,689; Mar. 22; Serial No. 239,385; published Jan. 11, 1927.
Vacuum cleaners and parts thereof, Electric. Electric Vacuum Cleaner Company. 225,677; Mar. 22; Serial No. 237,317; published Jan. 4, 1927.

CLASS 22.

Skates, Ice. Davega, Inc. 225,694; Mar. 22; Serial No. 240,961; published Jan. 11, 1927.
Tennis rackets. A. G. Spalding & Bros. 225,692; Mar. 22; Serial No. 240,751; published Jan. 11, 1927.
Toys, Sheet-metal and mechanical. E. P. Lehmann. 60,925; renewed Feb. 26, 1927.

CLASS 23.

Harrows, clod crushers, and levelers, Pulverizing. Duane H. Nash Inc. 62,852–3; renewed May 28, 1927.
Lens-cutting machines, Cutting attachment for. Shur-on Standard Optical Co. 225,803; Mar. 22.
Machinery. Newton Machine Tool Works, Incorporated. 62,316; renewed Apr. 30, 1927.
Pipes used as an overflow-saving attachment for radiators, Overflow. J. Berge. 225,779; Mar. 22; Serial No. 234,769; published Nov. 23, 1926.
Plowshares. Crescent Forge & Shovel Co. 225,796; Mar. 22.
Razor blades, Safety. Darwin & Milner, Inc. 225,777; Mar. 22; Serial No. 232,259; published Jan. 11, 1927.
Razors and razor blades. Auto Strop Safety Razor Company. 60,748; renewed Feb. 19, 1927.
Razors and razor blades. Kampf Bro's. 62,751; renewed May 21, 1927.
Razors, razor blades and safety corn knives. Kampfe Bro's. 62,752–3; renewed May 21, 1927.
Spray guns. Hayes Pump & Planter Company. 225,641; Mar. 22; Serial No. 220,775; published Jan. 11, 1927.
Sweepers, Carpet. Bissell Carpet Sweeper Company. 64,604; renewed Aug. 13, 1927.
Transmission casings, Tractor. Standard Gas Engine Co. 225,795; Mar. 22.
Valve seats, Motor-block. J. A. Drake & Sons, Inc. 225,813; Mar. 22.

CLASS 24.

Washing machines. Voss Brothers Manufacturing Company. 63,887; renewed July 9, 1927.

CLASS 26.

Coin sorting and counting machines and parts thereof, Schwartz Sortograph Co. 225,480; Mar. 22; Serial No. 239,321; published Jan. 11, 1927.
Drawing instruments. Keuffel & Esser Company. 59,013; renewed Dec. 25, 1926.
Films, plates, and photographic papers. Actien-Gesellschaft für Anilin-Fabrikation. 61,677; renewed Apr. 2, 1927.
Measuring and dispensing pumps, Liquid. Guarantee Liquid Measure Company. 225,507; Mar. 22; Serial No. 239,411; published Jan. 11, 1927.
Measuring and scientific optical apparatus, etc. Firm of Carl Zeiss. 62,340; renewed Apr. 30, 1927.

CLASS 27.

Watches. Franklin Simon & Co. Inc. 225,567; Mar. 22; Serial No. 240,411; published Jan. 11, 1927.

CLASS 28.

Jewelry, solid, plated, and precious-metal ware. Paye and Baker Manufacturing Company. 62,729; renewed May 21, 1927.
Silverware, Confectioners' and restaurants'. A. Kostrinsky. 225,817; Mar. 22.

CLASS 29.

Brushes. Florence Manufacturing Co. 29,862; renewed Apr. 20, 1927.
Brushes. Florence Manufacturing Co. 29,986; renewed May 11, 1927.

CLASS 31.

Refrigerators, Electric. Veri Manufacturing Company. 225,793; Mar. 22.

CLASS 33.

Glass bottles. Maryland Glass Corporation. 225,523; Mar. 22; Serial No. 238,602; published Jan. 11, 1927.

CLASS 34.

Burners, Oil. Franklin Oil Heating, Inc. 225,489; Mar. 22; Serial No. 240,023; published Jan. 11, 1927.
Burners, Oil. Fuelo Corporation. 225,474; Mar. 22; Serial No. 239,849; published Jan. 11, 1927.
Furnaces. Farquhar Furnace Company. 225,522; Mar. 22; Serial No. 238,576; published Jan. 11, 1927.
Furnaces. Gabriel Tubular Furnace Co. 225,790; Mar. 22.
Heating systems and furnaces and parts thereof, Warm-air. Rybolt Heater Company. 225,518; Mar. 22; Serial No. 238,459; published Jan. 11, 1927.
Stoves and ranges and fittings and parts therefor, Gas. William M. Crane Co. 63,250; renewed June 11, 1927.

CLASS 35.

Belting, Leather. F. W. McLanathan & Son. 225,693; Mar. 22; Serial No. 240,823; published Jan. 11, 1927.
Belts and belting. Badger Rubber Works. 225,664; Mar. 22; Serial No. 240,585; published Jan. 11, 1927.
Belts and belting and transmission disks. Badger Rubber Works. 225,674; Mar. 22; Serial No. 240,584; published Jan. 11, 1927.
Packing for joints, vehicle tires, hose, etc. Nonmetallic articles. Dermatine Company. 225,770; Mar. 22; Serial No. 236,200; published Jan. 11, 1927.
Tire casings, Pneumatic-. Badger Rubber Works. 225,665; Mar. 22; Serial No. 240,588; published Jan. 11, 1927.
Tires and parts thereof, Vehicle. Dunlop Pneumatic Tyre Company. 29,240; renewed Dec. 1, 1926.
Tires and tubes. Badger Rubber Works. 225,666; Mar. 22; Serial No. 240,589; published Jan. 11, 1927.

CLASS 36.

Harmonicas. Buegeleisen & Jacobson. 58,387; renewed Dec. 11, 1926.
Musical instruments. Fred. Gretsch Manufacturing Company. 225,805; Mar. 22.
Musical instruments. Meier & Frank Company. 225,675; Mar. 22; Serial No. 238,604; published Jan. 4, 1927.
Musical instruments, Mutes for brass wind. Magosy & Buscher. 225,814; Mar. 22.
Phonographs. V. K. McCaskill. 225,512; Mar. 22; Serial No. 239,376; published Jan. 11, 1927.
Pianos. Base Piano Co. Inc. 225,678; Mar. 22; Serial No. 236,868; published Jan. 4, 1927.
Speaking tubes and parts thereof. Dictaphone Corporation. 225,811; Mar. 22.
Talking machines, phonographs, etc. Sonora Phonograph Company. 225,804; Mar. 22.
Wind instruments and their accessories. Woodwind Company. 225,818; Mar. 22.

CLASS 37.

Cardboards and boxboards. United Box Board & Paper Company. 61,965; renewed Apr. 9, 1927.
Columnar forms and covers for same. R. C. Dombrow. 225,683; Mar. 22; Serial No. 240,406; published Jan. 4, 1927.
Paper and envelopes. C. J. Cohen. 30,387; renewed July 20, 1927.
Paper, Drawing. Keuffel & Esser Company. 61,564; renewed Mar. 26, 1927.
Paper, Drawing. Keuffel & Esser Company. 61,585; renewed Mar. 26, 1927.
Paper, Printing. Champion Coated Paper Company. 225,583; Mar. 22; Serial No. 222,823, published Jan. 4, 1927.
Paper, Toilet. Oswego River Paper Mills. 225,810; Mar. 22.
Pencils, Lead. Eagle Pencil Company. 225,607; Mar. 22; Serial No. 229,782; published Jan. 4, 1927.
Pens, Metallic. Esterbrook Steel Pen Mfg. Co. 63,490; renewed June 25, 1927.
Pens, Stylographic and fountain. Sanford & Bennett. 58,420–2; renewed Dec. 11, 1926.
Pens, Stylographic and fountain. Sanford & Bennett. 58,613; renewed Dec. 18, 1926.

CLASS 38.

Forms, Blank. Credit Relief Corporation. 225,606; Mar. 22; Serial No. 231,790; published Jan. 4, 1927.
Publication and house organ. Franklin Simon & Co. Inc. 225,598; Mar. 22; Serial No. 235,947; published Jan. 4, 1927.

CLASS 39.

Apparel and uniforms—Namely, coats, jackets, pants, dresses, shirts, etc., Men's and women's washable or cleanable. Angelica Jacket Company. 225,700; Mar. 22; Serial No. 236,902; published Jan. 11, 1927.
Aprons, Dress. Nichols Manufacturing Company. 225,555; Mar. 22; Serial No. 237,087; published Dec. 28, 1926.
Boots and shoes. B. A. Corbin & Son Company. 63,114; renewed June 4, 1927.
Boots and shoes. Endicott-Johnson Company. 63,152; renewed June 11, 1927.
Boots and shoes. Endicott-Johnson Company. 63,468; renewed June 25, 1927.
Boots and shoes. Endicott Johnson Corporation. 225,495; Mar. 22; Serial No. 239,923; published Jan. 4, 1927.
Boots and shoes. Lynchburg Shoe Co. 62,798; renewed May 28, 1927.
Boots and shoes. Orange Shoe Company. 225,468; Mar. 22; Serial No. 239,672; published Jan. 11, 1927.
Boots, shoes, and slippers. Scholl Mfg. Co. 225,761; Mar. 22; Serial No. 229,592; published Jan. 11, 1927.
Brassières. H. F. Volk. 225,718; Mar. 22; Serial No. 240,230; published Jan. 11, 1927.
Brassières and brassière corsets. Belfit Brassiere Co. 225,729; Mar. 22; Serial No. 198,835; published Jan. 27, 1925.
Caps. Dusting, Morton & Totten. 225,754; Mar. 22; Serial No. 240,148; published Jan. 11, 1927.
Caps, Men's and boys'. Downs Inc. 225,490; Mar. 22; Serial No. 240,022; published Jan. 11, 1927.
Caps, Rubber. Evernu Rubber Heel Corporation. 225,494; Mar. 22; Serial No. 239,924; published Jan. 11, 1927.
Caps, sweater coats, scarfs, leggings, and mittens. Eagle Knitting Mills. 225,626; Mar. 22; Serial No. 218,035; published June 8, 1926.
Clothes, Men's, young men's, and boys. Chas. Douglis-Mack Co. Inc. 225,465; Mar. 22; Serial No. 239,096; published Jan. 4, 1927.
Clothing and children's play suits, Men's. Cohn Goldwater Mfg. Co. 225,768; Mar. 22; Serial No. 236,194; published Jan. 4, 1927.
Clothing, Men's. Gildner Brothers Clothing Company. 225,657; Mar. 22; Serial No. 240,254; published Jan. 11, 1927.
Coats, Fur. Abrams & Linden. 225,775; Mar. 22; Serial No. 231,425; published Jan. 4, 1927.
Corsets, corsetlets girdles, etc. Standard Corset Company. 225,635; Mar. 22; Serial No. 223,145; published Jan. 11, 1927.
Corsets, corselets, and girdles. Van Orden Shop Inc. 225,708; Mar. 22; Serial No. 236,457; published Jan. 11, 1927.
Dresses, coats, waists, and sweater coats. Jos. Pfifferling, Inc. 225,497; Mar. 22; Serial No. 239,893; published Jan. 4, 1927.
Dresses, sport shirts, vests, blouses, etc., Ladies' and children's. Straus, Royer & Strass, Inc. 225,710; Mar. 22; Serial No. 236,512; published Dec. 28, 1926.
Fur neck pieces and fur coats, Women's and children's. B. Kalish. 225,788; Mar. 22; Serial No. 237,270; published Jan. 11, 1927.
Gloves. Fitzgibbon Co. Inc. 225,458; Mar. 22; Serial No. 239,704; published Jan. 11, 1927.
Gloves. Indianapolis Glove Company. 225,658; Mar. 22; Serial No. 240,354; published Jan. 11, 1927.
Gloves. Master Cord Belt Company. 225,639; Mar. 22; Serial No. 223,794; published Jan. 11, 1927.
Gloves and mittens. Boss Manufacturing Company. 225,714; Mar. 22; Serial No. 236,795; published Jan. 11, 1927.
Gowns, Men's dressing. S. L. Hoffman. 225,533; Mar. 22; Serial No. 240,606; published Jan. 4, 1927.
Hats. 'Dann Millinery Co. 225,776; Mar. 22; Serial No. 231,471; published Jan. 4, 1927.
Hats, hosiery, underwear, Women's and children's. Strouss-Hirshberg Co. 225,719; Mar. 22; Serial No. 239,547; published Jan. 11, 1927.
Hats, Ladies'. S. Ostrow. 225,713; Mar. 22; Serial No. 236,706; published Jan. 11, 1927.
Hats, Ladies'. Stella Millinery Company Inc. 225,784; Mar. 22; Serial No. 239,330; published Jan. 11, 1927.
Hats, Ladies'. Sultzer-Henderson Co. 225,628; Mar. 22; Serial No. 222,202; published Feb. 16, 1926.
Hats, Ladies' trimmed. J. Bloomfield. 225,690; Mar. 22; Serial No. 240,591; published Jan. 4, 1927.
Hats, Women's, misses', and children's. Conrad & Co. Inc. 225,482; Mar. 22; Serial No. 238,899; published Jan. 4, 1927.
Headwear. Fits-U Cap Co. 225,498; Mar. 22; Serial No. 239,882; published Jan. 11, 1927.
Hosiery. Baker-Moise Company. 225,514; Mar. 22; Serial No. 238,299; published Jan. 4, 1927.
Hosiery. Berkshire Knitting Mills. 225,561; Mar. 22; Serial No. 240,475; published Jan. 4, 1927.
Hosiery. Davenport Hosiery Mills. 225,631; Mar. 22; Serial No. 227,569; published Mar. 30, 1926.
Hosiery. Hanes Hosiery Mills Company. 225,780; Mar. 22; Serial No. 234,780; published Jan. 4, 1927.
Hosiery. A. Herskowitz. 225,569; Mar. 22; Serial No. 240,353; published Jan. 11, 1927.
Hosiery. Nicholson-Feinberg, Inc. 225,550; Mar. 22; Serial No. 237,382; published Oct. 26, 1926.
Hosiery and knitted and woven underwear, Women's. Wurzburg Dry Goods Company. 225,477; Mar. 22; Serial No. 239,280; published Jan. 11, 1927.
Knit goods. Eagle Knitting Mills. 225,455; Mar. 22; Serial No. 239,745; published Jan. 11, 1927.
Knit goods. A. G. Spalding & Bros. 62,671; renewed May 21, 1927.
Mackintoshes, waterproof coats, etc. H. E. Mills Limited. 225,739; Mar. 22; Serial No. 238,730; published Jan. 11, 1927.
Overcoats, suits, neckties, sweaters, bath robes, etc. John Wanamaker, New York. 225,746; Mar. 22; Serial No. 233,339; published Jan. 4, 1927.
Pants and coats for men and boys. Sweet-Orr & Co. 225,508; Mar. 22; Serial No. 240,280; published Jan. 11, 1927.
Pockets, Garment. William Alsberg & Company. 225,563; Mar. 22; Serial No. 240,470; published Jan. 4, 1927.
Robes, Ladies' and misses'. R. Lorel. 225,453; Mar. 22; Serial No. 239,255; published Jan. 4, 1927.
Shirts. Cluett, Peabody & Co. Inc. 225,684; Mar. 22; Serial No. 239,796; published Jan. 11, 1927.
Shirts. Lustberg, Nast & Co. Inc. 225,538; Mar. 22; Serial No. 238,228; published Jan. 4, 1927.
Shirts for men and women, Outing. Guiterman Bros. 50,512; renewed Mar. 20, 1926.
Shoes. Kurz & Lapidus, Inc. 225,809; Mar. 22.
Shoes. Kurz & Lapidus, Inc. 225,539; Mar. 22; Serial No. 238,225; published Jan. 11, 1927.
Shoes. Nu-Way Shoe Co. 225,731; Mar. 22; Serial No. 203,891; published May 18, 1926.
Shoes, Children's leather. A. G. Behn. 225,464; Mar. 22; Serial No. 239,081; published Dec. 28, 1926.
Shoes, Leather and composition soles for. Delaware Shoe Manufacturing Company. 225,758; Mar. 22; Serial No. 238,642; published Jan. 11, 1927.
Shoes, Sport. B. F. Goodrich Company. 225,517; Mar. 22; Serial No. 238,372; published Dec. 28, 1926.
Shoes, Women's leather. Crispin Shoe Company. 225,661; Mar. 22; Serial No. 240,487; published Jan. 4, 1927.
Soles and half soles, Leather. Penn Leather Company. 225,696; Mar. 22; Serial No. 227,598; published June 22, 1926.
Suits. I. R. Swarttz & Co. 225,798; Mar. 22.
Suits and overalls, Children's play. Elin and Golub. 225,727; Mar. 22; Serial No. 224,325; published Jan. 4, 1927.
Suits and overcoats, Men's and boys'. Geo. T. Keen, Inc. 225,686; Mar. 22; Serial No. 239,755; published Jan. 11, 1927.
Suits, Children's. C. W. Klemm. 53,179; renewed May 29, 1926.
Suits, coats, vests, dressing gowns, etc. Woodward & Lothrop. 225,767; Mar. 22; Serial No. 235,937; published Jan. 4, 1927.
Suits, overcoats, trousers, and caps for men and belts for personal wear. Scotch Woolen Mills. 225,624; Mar. 22; Serial No. 208,874; published Apr. 28, 1925.
Suits, Play. Lindeke, Warner & Sons, Incorporated. 225,625; Mar. 22; Serial No. 217,167; published Oct. 13, 1925.
Suits, trousers, vests, coats, and jackets. Knickerbocker Clothing Company. 225,699; Mar. 22; Serial No. 230,469; published Dec. 28, 1926.
Sweaters, hats, neckties, socks, etc., Men's. Union Clothing Co. 225,725; Mar. 22; Serial No. 239,336; published Jan. 4, 1927.
Underwear. Russell Manufacturing Co. 225,750; Mar. 22; Serial No. 234,412; published Jan. 4, 1927.
Underwear of textile fabric. McLoughlin Manufacturing Company. 225,671; Mar. 22; Serial No. 236,944; published Nov. 2, 1926.
Uniforms and aprons and dresses for women, Nurses', maids', and waitresses'. M. D. Mirsky & Co. Inc. 225,574; Mar. 22; Serial No. 240,314; published Jan. 11, 1927.

CLASS 40.

Bodkins and hand sewing needles. Abel Morrall, Limited. 58,461; renewed Dec. 18, 1926.
Braids, Artificial-hair-base. M. W. Amberg & Co. Inc. 225,632; Mar. 22; Serial No. 221,471; published Jan. 4, 1927.
Braids, Artificial hair-base. M. W. Amberg & Co. Inc. 225,633; Mar. 22; Serial No. 221,472; published Jan. 4, 1927.
Button guards, Collar-. O. Stierli & Co. 225,511; Mar. 22; Serial No. 239,387; published Dec. 28, 1926.
Buttons. L. Huet and E. Ligier. 61,898; renewed Apr. 9, 1927.
Combs. Dr. Heinr. Traun & Söhne. Vormals Harburger Gummi-Kamm-Compagnie. 225,698; Mar. 22; Serial No. 230,136; published Aug. 10, 1926.
Hair structures. Hepner Incorporated. 225,466; Mar. 22; Serial No. 239,107; published Dec. 28, 1926.
Needles, beads, pinc[illegible]ions, etc. Royal Importing Company. 225,745; Mar. 22; Serial No. 232,947; published Dec. 28, 1926.
Needles for hand sewing. G. A. Wright. 56,736; renewed Oct. 16, 1926.

Pins, Blackhead. Abel Morrall Limited. 56,485; renewed Oct. 2, 1926.
Pins, Safety. De Long Hook and Eye Company. 225,491; Mar. 22; Serial No. 239,974; published Jan. 11, 1927.
Pins, Toilet and glass-headed. Abel Morrall, Limited. 58,432; renewed Dec. 18, 1926.
Shields, combs, manicure sets, Dress. A. J. Clark. 225,703; Mar. 22; Serial No. 226,635; published Jan. 11, 1927.
Tape, Elastic. Southern Webbing Mills, Inc. 225,728; Mar. 22; Serial No. 224,842; published Jan. 4, 1927.
Toilet and manicure sets. S. Langsdorf & Co. Inc. 225,615; Mar. 22; Serial No. 228,430; published Jan. 4, 1927.

CLASS 42.

Bedspreads, curtains, draperies, etc. Art-In Linens, Inc. 225,556; Mar. 22; Serial No. 237,011; published Jan. 4, 1927.
Blankets, Textile. Esmond Mills. 225,546; Mar. 22; Serial No. 237,598; published Jan. 4, 1927.
Carpets and rugs, Woven. Bigelow-Hartford Carpet Company. 225,560; Mar. 22; Serial No. 240,479; published Jan. 4, 1927.
Cotton and mixed fabrics, Twilled. Otis Company. 29,023; renewed Mar. 2, 1927.
Cotton chiffon in the piece. Fred Butterfield & Co. Inc. 225,644; Mar. 22; Serial No. 218,598; published Jan. 4, 1927.
Cotton goods in the piece. M. J. Mack Co. 225,744; Mar. 22; Serial No. 232,784; published Jan. 4, 1927.
Cotton piece goods. J. C. Penney. 225,576; Mar. 22; Serial No. 240,828; published Jan. 4, 1927.
Cotton piece goods. J. C. Penney Company. 225,622; Mar. 22; Serial No. 240,830; published Jan. 4, 1927.
Cotton piece goods. Turell and Friedman. 225,732–4; Mar. 22; Serial Nos. 204,067–9; published Jan. 4, 1927.
Cotton piece goods. Turell and Friedman. 225,735–6; Mar. 22; Serial Nos. 204,071–2; published Jan. 4, 1927.
Cotton sheetings. E. M. Green. 53,629; renewed June 5, 1926.
Cotton sheetings, shirtings, and drills, brown and bleached. Monohansett M'f'g. Co. 63,580; renewed June 25, 1927.
Fabric and lining, Dress. Fred Butterfield & Co. Inc. 225,621; Mar. 22; Serial No. 241,133; published Jan. 11, 1927.
Fabrics, Woven. A. W. Baylis Co. 225,630; Mar. 22; Serial No. 226,799; published Apr. 13, 1926.
Handkerchiefs. John Wanamaker Philadelphia. 225,572; Mar. 22; Serial No. 240,282; published Jan. 11, 1927.
Lace in the piece. Acme Lace Works, Inc. 225,756; Mar. 22; Serial No. 240,121; published Jan. 4, 1927.
Mats for the bath, Floor. T. L. Lane. 225,721; Mar. 22; Serial No. 239,588; published Jan. 4, 1927.
Padding. Woven Cotton Padding Mills, Inc. 225,763; Mar. 22; Serial No. 235,243; published Jan. 4, 1927.
Rugs and floor coverings, Woven. T. Develon, jr. 225,470; Mar. 22; Serial No. 239,647; published Jan. 11, 1927.
Rugs and floor coverings, Woven. T. Develon, jr. 225,471; Mar. 22; Serial No. 239,644; published Jan. 11, 1927.
Rugs and floor coverings, Woven. T. Develon, jr. 225,724; Mar. 22; Serial No. 239,643; published Jan. 11, 1927.
Rugs, Textile. Bengal Oriental Rug Corporation. 225,485; Mar. 22; Serial No. 239,018; published Jan. 11, 1927.
Satin in the piece, Shoe. I. Brockman. 225,687; Mar. 22; Serial No. 239,736; published Jan. 11, 1927.
Silk piece goods. Stehli Silks Corporation. 225,559; Mar. 22; Serial No. 240,511; published Jan. 4, 1927.
Silk piece goods, Artificial-. Duplan Silk Corporation. 225,620; Mar. 22; Serial No. 241,140; published Jan. 11, 1927.
Textile fabrics, Upholstery. Artloom Corporation. 225,616; Mar. 22; Serial No. 227,710; published Jan. 4, 1927.
Textile tea towels. Spokane Toilet Supply Co. 225,715; Mar. 22; Serial No. 236,818; published Jan. 4, 1927.
Towels, Textile. Ely & Walker Dry Goods Company. 225,653; Mar. 22; Serial No. 239,848; published Jan. 11, 1927.
Velvet piece goods. F. Ducharne Silk Co. Inc. 225,557–8; Mar. 22; Serial Nos. 240,408–9; published Jan. 11, 1927.
Woolen piece goods. Forstmann & Huffmann Company. 225,527; Mar. 22; Serial No. 240,779; published Jan. 4, 1927.
Woolen piece goods. Forstmann & Huffmann Company. 225,528–9; Mar. 22; Serial Nos. 240,776–7; published Jan. 4, 1927.

CLASS 43.

Cones, tubes, spools, boxes, and skeins of thread. L. M. Norton. 225,532; Mar. 22; Serial No. 240,620; published Jan. 4, 1927.
Fibers and threads, Textile. Neutrasol Products Corporation. 225,783; Mar. 22; Serial No. 229,354; published Jan. 4, 1927.
Silk, Spool. American Wholesale Corporation (Baltimore Bargain House). 225,753; Mar. 22; Serial No. 240,162; published Jan. 11, 1927.
Threads of silk, cotton, flax, etc. Corticelli Silk Company. 225,456; Mar. 22; Serial No. 239,743; published Jan. 4, 1927.
Yarns and thread. Cynthia Mills. 225,542; Mar. 22; Serial No. 237,870; published Jan. 4, 1927.

CLASS 44.

Bunion protectors. Fischer Manufacturing Company. 225,802; Mar. 22.
Censers, vaporizers and volatilizers for medical compounds. Vapo-Cresoline Company. 64,246; renewed July 30, 1927.
Dental supplies. I. Stern & Co. 225,801; Mar. 22.
Electrolysis outfits, electrical massage vibrators, etc. I. Calvete, Limited. 225,611; Mar. 22; Serial No. 239,572; published Jan. 4, 1927.
Massage apparatus. Contouré Laboratories, Inc. 225,680; Mar. 22; Serial No. 236,539; published Jan. 4, 1927.
Sanitary napkins, cotton surgical dressings. Reid Bros., Inc. 225,524; Mar. 22; Serial No. 238,616; published Jan. 4, 1927.
Waving machines and equipment for permanent-hair-waving machines. S. Lemur Company. 225,578; Mar. 22; Serial No. 228,474; published Jan. 4, 1927.

CLASS 45.

Beverages sold as soft drinks. J. F. Murphy. 225,587; Mar. 22; Serial No. 221,135; published Jan. 4, 1927.
Punch, Grape. John Mulhern Company. 225,534; Mar. 22; Serial No. 240,561; published Jan. 4, 1927.
Water, Sparkling. Great Bear Spring Company. 225,535; Mar. 22; Serial No. 240,543; published Jan. 4, 1927.
Water, Sprinkling. Great Bear Spring Company. 225,663; Mar. 22; Serial No. 240,544; published Jan. 11, 1927.

CLASS 46.

Bread. Vaughn's Home Bakery. 225,660; Mar. 22; Serial No. 240,463; published Jan. 4, 1927.
Bread and cake. Corby Baking Co. 225,730; Mar. 22; Serial No. 198,987; published May 19, 1925.
Butter. Maricopa Creamery Co. 225,782; Mar. 22; Serial No. 240,270; published Dec. 28, 1926.
Butterine. W. J. Higgins. 225,650; Mar. 22; Serial No. 239,033; published Jan. 4, 1927.
Candy, crystallized ginger, olives, candied citron, etc. R. U. Delapenha & Co. 225,701; Mar. 22; Serial No. 232,762; published Jan. 11, 1927.
Canned fish. Seacoast Canning Company. 225,642; Mar. 22; Serial No. 219,777; published Jan. 11, 1927.
Canned fruits and vegetables. Pressing & Orr Co. 59,794; renewed Jan. 15, 1927.
Canned fruits and vegetables. W. R. Roach & Company. 63,946; renewed July 16, 1927.
Canned milk used as infants' food. J. P. Meyenberg, Inc. 225,483–4; Mar. 22; Serial Nos. 238,913–14; published Jan. 11, 1927.
Canned milk used as infants' food. J. P. Meyenberg, Inc. 225,787; Mar. 22; Serial No. 238,912; published Jan. 11, 1927.
Canned olive oil. N. Musco. 225,669; Mar. 22; Serial No. 236,431; published Dec. 21, 1926.
Canned olives, tunny, jams, jellies, etc. Safeway Stores, Incorporated. 225,594; Mar. 22; Serial No. 211,547; published Jan. 4, 1927.
Canned peas, corn, tomatoes, etc. Buehler Brothers, Inc. 225,749; Mar. 22; Serial No. 234,082; published Jan. 11, 1927.
Canned sardines. Angus Watson & Company Limited. 225,597; Mar. 22; Serial No. 233,045; published Jan. 18, 1927.
Canned vegetables. Clinton Canning Co. 61,219; renewed Mar. 12, 1927.
Canned vegetables. Clinton Canning Co. 61,234–6; renewed Mar. 12, 1927.
Canned vegetables. F. P. Roe Company. 225,808; Mar. 22.
Canned vegetables. Smith & Horton Company, Limited. 225,543; Mar. 22; Serial No. 237,767; published Jan. 11, 1927.
Canned vegetables, fruit, dried fruit, canned salmon, canned hominy, etc. Kansas City Wholesale Grocery Co. 225,711; Mar. 22; Serial No. 236,611; published Jan. 11, 1927.
Cheese. Anona Cheese Company. 225,702; Mar. 22; Serial No. 232,241; published Dec. 28, 1926.
Cheese. Galvanoni & Febbraro Co. Inc. 225,654; Mar. 22; Serial No. 239,927; published Dec. 28, 1926.
Cheese. Schroeder Bros. 225,662; Mar. 22; Serial No. 240,506; published Jan. 4, 1927.
Chocolate and chocolate candy. Alpursa Aktiengesellschaft. 225,549; Mar. 22; Serial No. 237,397; published Jan. 11, 1927.
Chocolates and bonbons. F. H. Dow & Company. 60,454; renewed Feb. 12, 1927.
Cocoa, chocolate and chocolate candy. Ambrosia chocolate Company. 61,662; renewed Apr. 2, 1927.
Coconut. Franklin Baker Company. 225,704; Mar. 22; Serial No. 223,434; published Jan. 11, 1927.
Coffee. Dolan Mercantile Company. 64,135; renewed July 23, 1927.
Coffee, mustard, minecemeat, cocoa, etc. M. Livingston & Company. 225,706; Mar. 22; Serial No. 214,208; published Jan. 11, 1927.

Coffee, tea, spice, etc. Dal-Tex Coffee Co. 225,797; Mar. 22.
Confectionery. Willard's Chocolates Limited. 225,640; Mar. 22; Serial No. 221,467; published Jan. 11, 1927.
Eggs and dressed poultry. Lake Region Co-Operative Egg & Poultry Exchange. 225,506; Mar. 22; Serial No. 239,480; published Jan. 4, 1927.
Feed, Poultry and dairy. Ruhmann Grain & Fuel Company. 225,651; Mar. 22; Serial No. 238,875; published Jan. 4, 1927.
Feeds, Commercial. Camilla Cotton Oil Company. 225,786; Mar. 22; Serial No. 239,088; published Jan. 11, 1927.
Flour, Wheat. Claro Milling Company. 225,612; Mar. 22; Serial No. 239,509; published Dec. 28, 1926.
Flour, Wheat. Pillsbury Flour Mills Company. 225,652; Mar. 22; Serial No. 238,868; Dec. 14, 1926.
Food product. Schreiber Products Corporation. 225,659; Mar. 22; Serial No. 240,373; published Jan. 11, 1927.
Fruits, vegetables, preserves, and jellies. National Grocer Company. 56,462; renewed Spt. 25, 1926.
Grapefruits, Fresh. C. Saladino. 225,751; Mar. 22; Serial No. 234,413; published Jan. 4, 1927.
Hams and breakfast bacon. Cleveland Provision Company. 58,128; renewed Dec. 4, 1926.
Ice cream. Abbotts Alderney Dairies, Inc. 225,481; Mar. 22; Serial No. 238,830; published Jan. 11, 1927.
Jelly, grape jam, and apple butter, sandwich spread, etc., Grape. J. Hungerford Smith Grape Juice Co. 225,789; Mar. 22; Serial No. 237,202; published Jan. 11, 1927.
Malt sirup. J. M. Michlin. 225,799; Mar. 22.
Malt sirup. Old Cincy Products Co. 225,752; Mar. 22; Serial No. 240,209; published Jan. 11, 1927.
Malt sirup and malt extract for food purposes. Bachrach-Feld Co. 225,521; Mar. 22; Serial No. 238,566; published Jan. 11, 1927.
Milk, Condensed and evaporated. Carnation Milk Products Company. 225,492; Mar. 22; Serial No. 239,964; published Jan. 11, 1927.
Milk, Evaporated. R. B. Page. 225,709; Mar. 22; Serial No. 236,497; published Jan. 4, 1927.
Mustard relish, mayonnaise, etc. Best-Maid Food Company. 225,688; Mar. 22; Serial No. 239,460; published Jan. 11, 1927.
Oil, Olive. F. Gianfranchi. 225,656; Mar. 22; Serial No. 240,252; published Jan. 11, 1927.
Oil, Vanilla. G. R. Chatfield. 60,646; renewed Feb. 19, 1927.
Oils, Cottonseed. Union Oil Company. 60,298; renewed Feb. 5, 1927.
Oranges, lemons, grapefruit, etc. Russell & Company. 52,761; renewed May 15, 1926.
Peanuts. Pennut Specialty Co. 225,670; Mar. 22; Serial No. 236,847; published Jan. 4, 1927.
Pickles and ripe olives. Robertson & Sutton Co. 225,685; Mar. 22; Serial No. 239,770; published Dec. 21, 1926.
Pickles, mustard, catchup, chow-chow, and pepper. A. Fazzio. 62,170; renewed Apr. 23, 1927.
Preserved canned food products. Salvatore Apicella & C. 225,705; Mar. 22; Serial No. 218,039; published Jan. 11, 1927.
Rice. Mermentau Rice Mill Co. 225,609; Mar. 22; Serial No. 239,763; published Dec. 28, 1926.
Sirup, Cane and maple. Vermont Maple Syrup Co., Inc., of St. Johnsbury. 225,757; Mar. 22; Serial No. 240,112; published Jan. 11, 1927.
Sirups, Sugar. J. D. Hage & Co. 29,375; renewed Dec. 29, 1926.
Spaghetti, macaroni, and egg noodles. Joliet Macaroni Company. 225,738; Mar. 22; Serial No. 238,725; published Jan. 11, 1927.
Tea. Corbin, Sons & Co. 63,700; renewed July 2, 1927.
Tea. Mazawattee Tea Company. 64,289; renewed July 30, 1927.
Tea, coffee, and spices. S. Alpert. 225,791; Mar. 22.
Tea, coffee, bread, etc. National Stores Corporation. 225,707; Mar. 22; Serial No. 204,974; published Jan. 11, 1927.
Tea, coffee, spices, etc. E. A. Apffel Co. 225,760; Mar. 22; Serial No. 238,692; published Jan. 4, 1927.

CLASS 47.

Sherry. W. A. Ross & Brother, Incorporated. 61,367; renewed Mar. 19, 1927.
Wines, Port and sherry. Interstate Wine Company. 225,472; Mar. 22; Serial No. 239,859; published Jan. 11, 1927.

CLASS 50.

Leather cloth or artificial leather for bookbinding. Artificial-. L. E. Carpenter & Co. 225,452; Mar. 22; Serial No. 239,230; published Dec. 28, 1926.
Metallic sheet fabrics having an adhesive on one side thereof. M. Kosal. 225,676; Mar. 22; Serial No. 237,606; published Dec. 28, 1926.
Pegs, Wooden. Kearsarge Peg Company. 59,257; renewed Jan. 1, 1927.
Tents and tenting and camping outfits. H. Modell. 225,792; Mar. 22.

ALPHABETICAL LIST OF LABELS.

Alba. For Fresh Grapes. Podesta Import Co. 31,818; Mar. 22.
Amperite. For Rheostats. Radiall Company. 31,819; Mar. 22.
Bridge Stationery. For Stationery and Envelopes. White & Wyckoff Mfg. Co. 31,830; Mar. 22.
California Hair Restorer. For Hair Restorer. G. N. Field. 31,811; Mar. 22.
Colgate's Ribbon Dental Cream. For Dental Cream. Colgate & Company. 31,809; Mar. 22.
Duck Sanitary. For Butchers' Wrapping Paper. Schmidtman Company. 31,824; Mar. 22.
Ehlers Grade "A" Coffee. For Coffee. Albert Ehlers, Inc. 31,810; Mar. 22.
Hair Set. For Hairdressing. C. A. Rahayel. 31,820; Mar. 22.
Karamel Dandy. For Candy. Alberta Candy Co. 31,806; Mar. 22.
Lacomi Brand Selected Eggs. For Eggs. W. W. Walton. 31,829; Mar. 22.
Linko. For Canned Corn. Grainger Bros. Co. 31,812; Mar. 22.
Miller's Unique Radio-Active Bottle Radio-Active Research Laboratory Albert Miller Auburn California Copyright—1927. For Bottles. A. Miller. 31,814; Mar. 22.
Murray's Superior Hair Dressing Pomade. For a Hair Pomade and Hair Dressing. C. D. Murray. 31,815; Mar. 22.
Nucar Gloss. For an Enamel for Automobiles or Other Surfaces Requiring a Glossy Finish. Nucar Gloss Company. 31,817; Mar. 22.
Pine Tree Disinfectants. For Disinfectants and Antiseptics. J. J. Bonner. 31,807; Mar. 22.
Private Stock. For Malt Sirup. Val Blatz Brewing Company. 31,828; Mar. 22.
Pure Gold. For Table Sirup. Roddenbery Bros. 31,822; Mar. 22.
Roman Cleanser. For Washing Fluid. J. Riccardi. 31,821; Mar. 22.
Schlitz Gold Label. For Malt Sirup. Jos. Schlitz Beverage Company. 31,823; Mar. 22.
Serra. For Oranges. Chula Vista Citrus Association. 31,808; Mar. 22.
Sol-Y-Vina. For Fresh Grapes. H. Laughlin. 31,813; Mar. 22.
Sweetheart Malt-A-Milk. For Bread. Northwestern Distributing Co. 31,816; Mar. 22.
The Thomas' Special Formula for Falling Hair. For Preparation for the Treatment of Falling Hair. Thomas Products Co. 31,826; Mar. 22.
The Thomas' Special Formula Shampoo. For Liquid Hair Shampoo. Thomas Products Co. 31,825; Mar. 22.
Tom Dick & Harry. For Shoes. Tom Dick & Harry of Mass. Inc. 31,827; Mar. 22.

ALPHABETICAL LIST OF PRINTS.

Ants Destroy! For Insecticide. Standard Oil Company (New Jersey). 9,665; Mar. 22.
A Cigarette Made With P. A. Is The Money. For Tobacco. R. J. Reynolds. 9,654; Mar. 22.
A Life For a Life. For Insecticide. Standard Oil Company (New Jersey). 9,662; Mar. 22.
A Prime Favorite on The Campus. For Tobacco. R. J. Reynolds Tobacco Company. 9,647; Mar. 22.
Baby's Deadliest Enemy. For Insecticide. Standard Oil Company (New Jersey). 9,663; Mar. 22.
Bearers of Disease. For Insecticide. Standard Oil Company (New Jersey). 9,673; Mar. 22.
Better Fit. For Athletic Underwear. B. V. D. Company. 9,632; Mar. 22.
Children's Breakfast a Big School Problem. University Reports. For Wheat Breakfast Food. Cream of Wheat Co. 9,634; Mar. 22.
College Gentlemen Prefer P. A. For Tobacco. R. J. Reynolds Tobacco Company. 9,646; Mar. 22.
Escape the Torture of Fleas. For Insecticide. Standard Oil Company (New Jersey). 9,666; Mar. 22.
Everything's Going to be All Right. For Tobacco. R. J. Reynolds Tobacco Company. 9,645; Mar. 22.

Flies are Murderers. For Insecticide. Standard Oil Company (New Jersey). 9,672; Mar. 22.
Flies Kill! For Insecticides. Standard Oil Company (New Jersey). 9,664; Mar. 22.
Flit Kills Cockroaches. For Insecticide. Standard Oil Company, (New Jersey). 9,670; Mar. 22.
For Dessert My-T-Fine (No. 1). For Dessert Preparations. D & C Co. Inc. 9,635; Mar. 22.
For Dessert My-T-Fine (No. 2). For Dessert Preparations. D & C Co. Inc. 9,636; Mar. 22.
For Dessert My-T-Fine (No. 3). For Dessert Preparations. D & C Co. Inc. 9,637; Mar. 22.
For Dessert My-T-Fine (No. 4). For Dessert Preparations. D & C Co. Inc. 9,638; Mar. 22.
For Moths! Spray Flit. For Insecticide. Stanco Distributors, Inc. 9,660; Mar. 22.
Here's My Smoke—Platform. For Tobacco. R. J. Reynolds Tobacco Company. 9,653; Mar. 22.
Insist on This Label. For Athletic Underwear. B. V. D. Company. 9,633; Mar. 22.
It's All a Matter of Picking The Packing. For Tobacco. R. J. Reynolds Tobacco Company. 9,650; Mar. 22.
It's The Tobacco That Makes The Cigarette. For Tobacco. R. J. Reynolds Tobacco Company. 9,651; Mar. 22.
I've Got a Half-Nelson on Jimmy-Pipe Joy. For Tobacco. R. J. Reynolds Tobacco Company. 9,658; Mar. 22.
Kill Flies—Save Lives. For Insecticide. Standard Oil Company (New Jersey). 9,667; Mar. 22.
Man, Here is a Cigarette! For Tobacco. R. J. Reynolds Tobacco Company. 9,643; Mar. 22.
Murdered By Flies! For Insecticide. Standard Oil Company (New Jersey). 9,661; Mar. 22.
"P. A.—" Letters of Recommendation! For Tobacco. R. J. Reynolds Tobacco Company. 9,648; Mar. 22.
P. A. Makes a Pipe Perform. For Tobacco. R. J. Reynolds Tobacco Company. 9,657; Mar. 22.
Repel This Foe! For Insecticide. Standard Oil Company (New Jersey). 9,671; Mar. 22.
Routed from Bed! For Insecticide. Standard Oil Company (New Jersey.) 9,668; Mar. 22.
Saving Time and Money in Fence Building. For Steel Fence Posts. Red Top Steel Post Company. 9,641; Mar. 22.
Smoking Refreshment That Never Ends. For Cigarettes. R. J. Reynolds Tobacco Company. 9,649; Mar. 22.
Take a Tip to Pipe-Joy. For Tobacco. R. J. Reynolds Tobacco Company. 9,655; Mar. 22.
That's What I Call a Cigarette. For Tobacco. R. J. Reynolds Tobacco Company. 9,659; Mar. 22.
The D & H Kiddie Kot. For Cots. Dreyfors and Hertzberg, Inc. 9,639; Mar. 22.
The Stag at Eve. For Tobacco. R. J. Reynolds Tobacco Company. 9,644; Mar. 22.
They Call Me a 'Rolling-Mill'. For Tobacco. R. J. Reynolds Tobacco Company. 9,652; Mar. 22.
We Dress Them While You Wait. For Poultry. B. E. Gray. 9,640; Mar. 22.
You Can Sign Your Name To This—For Tobacco. R. J. Reynolds Tobacco Company. 9,656; Mar. 22.
You Can't Afford to Waste Good Fencing. For Steel Fence Posts. Red Top Steel Post Company. 9,642; Mar. 22.
You Keep Mosquitoes Alive. For Insecticides. Standard Oil Company (New Jersey). 9,669; Mar. 22.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. Deringer Fuel Company. 242,227; Mar. 22.
Coal. Hutchinson Coal Company. 243,094; Mar. 22.
Coal, Bituminous. Cameron Coal Company. 242,947; Mar. 22.
Leather. Tidewater Leather Company. 243,026; Mar. 22.
Seed corn. Hi-Bred Corn Company. 233,003; Mar. 22.

CLASS 2.

Boxes or shipping containers, Fiber-board and corrugated-board. Container Corporation of America. 238,305; Mar. 22.
Garbage receivers, ash cans, cake and bread boxes, etc. Casey-Foster Co. 235,999; Mar. 22.

CLASS 4.

Cleaning preparation for fabrics, utensils, and the skin. F. L. Converse. 242,658; Mar. 22.
Dust cloth, Treated. Southwestern Products Company. 231,169; Mar. 22.
Soaps. I. McEwen. 243,009; Mar. 22.
Soaps and soap compounds. Viking Laboratories, Incorporated. 242,453-4; Mar. 22.

CLASS 5.

Adhesive paste. American Crayon Company. 241,510; Mar. 22.

CLASS 6.

Alcohol preparation for external use. Publicker Inc. 243,015; Mar. 22.
Antiseptic preparations and lotions. L. Hess. 239,807; Mar. 22.
Bay rum. Crusellas Rhum Quinquina Co. 241,697; Mar. 22.
Beef, iron, and wine; lime water, milk of magnesia, mineral oil, etc. Continental Drug Corporation. 223,285; Mar. 22.
Bleaching compositions, etc. Chemische Fabrik Stockhausen & Cie. 228,176-7; Mar. 22.
Chemical for cleaning drains and sinks. Pennsylvania Salt Manufacturing Company. 242,547; Mar. 22.
Composition for sizing, stiffening, and finishing thread, yarns, and other textile materials. I. G. Farbenindustrie Aktiengesellschaft. 241,206; Mar. 22.
Deodorant. A. Mirenta & Co. Incorporated. 243,126; Mar. 22.
Glycerin bleaching composition, sizing and finishing materials, etc. Chemische Fabrik Stockhausen & Cie. 228,175; Mar. 22.
Hair preparation and tonic to nourish the scalp, relieve dandruff, etc. Gladiator Co. 239,980; Mar. 22.
Laxative, diuretic, and eliminant. M. S. Valldejuli. 240,462; Mar. 22.
Liniment. Smith Chemical Corporation. 243,505; Mar. 22.
Lotion, Skin. C. P. Mott. 243,104; Mar. 22.
Medical remedy and pharmaceutical preparation. Nervodo Aktiengesellschaft. 236,899; Mar. 22.
Medicinal preparation. Epicol Products Company. 243,482; Mar. 22.
Medicinal salve. E. E. Billings. 242,460; Mar. 22.
Medicine. J. A. Horigan. 243,157; Mar. 22.
Medicine for colds, coughs, influenza, and la grippe. W. H. Tarver. 242,156; Mar. 22.
Medicine for rheumatism. R. Insana. 241,484; Mar. 22.
Medicines. X-Zalia Corporation. 243,247; Mar. 22.
Pellets, Breath. H. Heller. 242,128; Mar. 22.
Perfumes, perfumed talcum, sachet, face powder, etc. Madeleine Vionnet et Cie. 236,242; Mar. 22.
Preparation for the treatment of colds and coughs. N. M. Smith. 241,548; Mar. 22.
Rouge, Cream. H. L. Ross. 243,457; Mar. 22.
Soldering flux. Garden City Laboratory. 243,264; Mar. 22.
Tonic. Florio & C. Societa Anonima Vinicola Italiana. 228,100; Mar. 22.

CLASS 7.

Rope. Whitlock Cordage Company. 240,636; Mar. 22.

CLASS 10.

Fertilizers. Fertilizers Sales Ltd. 243,433; Mar. 22.

CLASS 12.

Rock, marble, and other materials, Natural cut. Fevre & Cie. 242,055; Mar. 22.
Steel, Fabricated structural. Robert W. Hunt Company. 242,995; Mar. 22.
Tile, Gypsum. Northwestern Gypsum Products Company. 243,062; Mar. 22.
Wall or floor coating, Plastic. I. F. Laucks Inc. 242,899; Mar. 22.

CLASS 13.

Bolts and nuts, self-locking bolts and nuts, and metal screws. Societe Francaise de Filetage Indesserrable, D. D. G. 242,861; Mar. 22.
Bowls, basins, tubs, baby baths, sinks, etc. Lily Foundry Company. 236,215; Mar. 22.
Doorchecks. Fred S. Henschel. 243,269; Mar. 22.
Key work, flat-way cocks, flatway stopcocks, etc., Ground. Hays Manufacturing Company. 242,184; Mar. 22.
Valves, Gas-shut-off. Fellinger Corporation. 244,147; Mar. 22.

CLASS 14.

Castings and forgings, Machinery. Dürkoppwerke Aktiengesellschaft. 242,938; Mar. 22.
Lead, solder, babbitt, etc. Eagle-Picher Lead Company. 241,142; Mar. 22.
Steel castings. Bonney-Floyd Co. 243,843; Mar. 22.
Steel, Drill and tool. Ziv Steel & Wire Company. 243,910; Mar. 22.
Wire, Steel. W. D. Houghton & Company Limited. 235,697; Mar. 22.

CLASS 15.

Candles. Smith & Nichols, Incorporated. 240,747; Mar. 22.

Gasoline. Viking Gasoline Corporation. 242,456; Mar. 22.
Gasoline, fuel and lubricating oils, and lubricating greases. Cream City Oil Company. 241,875; Mar. 22.
Gasoline, kerosene, burning oils, etc. E. H. Milton and Sons. 241,426; Mar. 22.
Oils and greases. Blackhawk Petroleum Co. 243,524; Mar. 22.
Oils, Fuel. De Bataafsche Petroleum Maatschappij. 232,260; Mar. 22.

CLASS 16.

Lead, litharge, etc. Eagle-Picher Lead Company. 241,144–6; Mar. 22.
Paint, Asphalt roof. Continental Roofing & Manufacturing Co. 244,049; Mar. 22.
Paints and varnishes. Baltimore Paint and Color Works. 241,556; Mar. 22.
Paints, colors in oil, varnishes, and shellacs. M. Abelman. 235,769; Mar. 22.
Paints, Enamel. Breinig Brothers, Inc. 244,130; Mar. 22.
Paints, varnishes, and auto enamels, Dry, paste, and ready-mixed. Midwest Varnish Company. 242,602; Mar. 22.
Polishes and dressings. Straub & Yorke. 242,818; Mar. 22.
Varnish. Patek Brothers, Inc. 243,964; Mar. 22.

CLASS 17.

Cigars. M. S. Bishara. 243,684; Mar. 22.

CLASS 19.

Air-cushion devices. Detroit Aeroflex Stabilizer Company. 226,339; Mar. 22.
Automobiles, automobile chassis, etc. Clarke D. Pease, Inc. 237,511; Mar. 22.
Boats, Motor. Victor Adding Machine Co. 231,420; Mar. 22.
Vehicles, boats, ships, motor cars, bicycles, etc., Road. Dürkoppwerke Aktiengesellschaft. 241,939; Mar. 22. 22.

CLASS 21.

Coils for radio apparatus. Camfield Radio Manufacturing Company. 226,761; Mar. 22.
Electric appliances. Dover Manufacturing Co. 241,566; Mar. 22.
Electric-lighting equipment. Sun-Ray Lighting Products, Inc. 242,554; Mar. 22.
Molding compounds and mixtures. Bakelite Corporation. 240,948; Mar. 22.
Outlet boxes, switch boxes, hangers, etc. Chicago Fuse Mfg. Co. 228,645; Mar. 22.
Radio loud speaker. Orchestron Company. 239,892; Mar. 22.
Radio receiving sets. J. B. Utt. 229,479; Mar. 22.
Stoves, plates, and ranges, Electric. Geo. D. Roper Corporation. 219,913; Mar. 22.

CLASS 22.

Fire starter, Friction. J. C. Ramsey. 242,500; Mar. 22.
Fishing lines (made in England), Gut casting. S. Allcock & Company. 230,813; Mar. 22.
Fishing lines made of Spanish gut, Casting. S. Allcock & Company. 230,812; Mar. 22.
Flies, gut hooks, and gut lines, Artificial. S. Allcock & Company. 230,811; Mar. 22.
Games, Blow-gun target. J. A. Redner. 242,211; Mar. 22.
Toys. Dayton Toy & Specialty Company. 242,822; Mar. 22.

CLASS 23.

Clamping meat, Apparatus for. B. A. Furiati. 244,225; Mar. 22.
Engines, Aircraft. A. D. C. Aircraft Limited. 241,849; Mar. 22.
Filters for filtering fuel for use in internal-combustion engines. Bassick Manufacturing Company. 225,341; Mar. 22.
Leather-conditioning cabinets. Bentz Engineering Corporation. 238,766; Mar. 22.
Tools for reconditioning threads of bolts, axles, hubs, etc. Reiff & Nestor Company. 243,115; Mar. 22.
Winches and parts thereof. Braden Company. 220,991; Mar. 22.

CLASS 24.

Washing machines. American Laundry Machinery Co. 242,270; Mar. 22.

CLASS 26.

Levels. Millers Falls Company. 233,216; Mar. 22.
Meters and indicators, hydrometers, etc., Combined alcohol. American Solvents & Chemical Corporation. 243,521; Mar. 22.
Spectacle frames. White-Haines Optical Company. 243,906; Mar. 22.
Spectacle frames. White-Haines Optical Company. 243,908; Mar. 22.

CLASS 27.

Watches, watchcases, and watch movements. Edison Watch Co. Inc. 243,646; Mar. 22.

CLASS 28.

Pearls, pearl necklaces, brooches, etc. Cohn & Rosenberger, Inc. 241,520; Mar. 22.
Rings, Finger. Ailsopp Brothers. 242,162; Mar. 22.

CLASS 31.

Refrigerators and refrigerating machinery. Sanat Refrigerating Company. 243,728; Mar. 22.

CLASS 32.

Closets, buffets, tables, chairs, beds, dressers, etc., China. M. Goldberg. 206,616; Mar. 22.
Furniture. United Manufacturing Company. 229,135; Mar. 22.
Tables, Household. Finch and Hisey. 234,204; Mar. 22.

CLASS 33.

Glassware. Graham & Zenger, Inc. 231,099; Mar. 22.
Tumblers, glasses, bottles, jars, etc. Capstan Glass Company. 239,918; Mar. 22.

CLASS 34.

Generators, warm-air circulators, etc., Hot-water. Makin Heating Company. 242,543; Mar. 22.
Heating-system devices. Tuttle & Bailey Manufacturing Company. 240,456; Mar. 22.
Heating-system devices. Tuttle & Bailey Manufacturing Company. 240,458; Mar. 22.
Oil-burning apparatus, Relf Brothers. 240,004; Mar. 22.

CLASS 35.

Belting. Ton-Tex Corporation. 239,438; Mar. 22.
Tires and tubes therefor, Automobile. Converse Tire and Rubber Company. 243,140–1; Mar. 22.
Transmission and brake lining. Scandinavia Belting Company. 243,173; Mar. 22.

CLASS 36.

Cymbals. Fred. Gretsch Mfg. Co. 237,857; Mar. 22.

CLASS 37.

Paper and mailing envelopes, Writing. White & Wyckoff Manufacturing Company. 243,179; Mar. 22.
Paper and stationery. Construction Supplies Company of America. 239,237; Mar. 22.
Paper, Crepe. Tissue Company. 241,361; Mar. 22.
Paper for writing and printing purposes and envelopes. Raynor & Perkins Envelope Company. 242,748–50; Mar. 22.
Wall coverings of coated paper. Wm. Campbell Wall Paper Company. 243,346; Mar. 22.

CLASS 38.

Calendars. Buzza Company. 227,507; Mar. 22.
Comic strip. NEA Service, Inc. 243,963; Mar. 22.
Drawings representing the same characters in different situations, Strips of humorous. Bell Syndicate, Inc. 243,683; Mar. 22.
Magazine. Spanish-American Publishing Company. 243,668; Mar. 22.
Magazine articles, Nom de plume for. F-R Publishing Corporation. 241,212; Mar. 22.
Magazines. Love Romances Pub. Co. 244,233; Mar. 22.
Magazines and books. George Banta Publishing Company. 243,190; Mar. 22.
Magazines, books, and periodicals. American News Company. 243,575; Mar. 22.
Newspaper columns, etc., Nom de plume for. Kaufmann & Baer Company. 192,624; Mar. 22.
Newspaper section. King Features Syndicate, Inc. 243,160; Mar. 22.
Newspaper section published monthly. Allen Business Papers Inc. 244,039; Mar. 22.
Periodical. Universal Pictures Corporation. 243,731; Mar. 22.
Publication. American Bakers' Publishing Company. 244,646; Mar. 22.
Publication. Ceramics Publishing Co. 243,996; Mar. 22.
Publication. Commercial Reporter. 237,655; Mar. 22.
Publication. Crandall Pierce & Company. 243,419; Mar. 22.
Publication. Rand McNally and Company. 242,502; Mar. 22.
Publication. V. Robinson. 243,171; Mar. 22.
Publication. J. Henry Schroeder Banking Corporation. 241,636; Mar. 22.
Publication. J. Henry Schroeder Banking Corporation. 241,639; Mar. 22.
Story strip. NEA Service, Inc. 243,962; Mar. 22.
Telephone spelling charts. T. Serpico. 243,325; Mar. 22.

CLASS 39.

Apparel, Ladies' wearing. Steinfeld Bros. Inc. 236,232; Mar. 22.
Blouses, smocks, and dresses. D. J. Gross. 233,731; Mar. 22.
Boots and shoes. Huckins & Temple, Inc. 243,093; Mar. 22.
Clothing, Men's and boys'. Woolf Brothers, Inc. 243,182; Mar. 22.
Dresses, coats, and cloaks, Ladies'. B. Heller & Co. 243,631; Mar. 22.
Gowns, frocks, and dresses. Half Size Dress Co. 238,966; Hats, Ladies'. Rothchild & Hirschensohn Inc. 243,019; Mar. 22.
Hats, Ladies' and misses'. Standard Hat Company. 241,189; Mar. 22.
Hats, Women's. William Hengerer Company. 242,195; Mar. 22.
Hosiery. R. M. Watkins. 241,862; Mar. 22.
Hosiery. R. Wollstein. 243,031; Mar. 22.
Hosiery, Women's silk. Davison-Paxon-Stokes Co. 239,241; Mar. 22.
Overalls, jackets, pants, and work shirts. C. W. Klemm Incorporated. 202,019; Mar. 22.
Overalls, Men's and boys'. Charles Broadway Rouss, Inc. 243,642; Mar. 22.
Shirts. Levin & Harris Shirt Co. Inc. 243,223; Mar. 22.
Soles, Shoe. Avon Sole Company. 242,979; Mar. 22.
Suits and coats, Men's. Hart, Schaffner & Marx. 243,208; Mar. 22.
Sweaters and bathing suits. Walden Knitting Mills. 243,444; Mar. 22.

CLASS 40.

Needles, pins, hairpins, etc. Hugo Heusch & Cie. G. m. b. H. 240,414; Mar. 22.

CLASS 42.

Cotton piece goods. Turner Halsey Co. 243,463; Mar. 22.
Sheetings, Cotton. Columbus Manufacturing Company. 233,111–12; Mar. 22.
Silk piece goods. Kramer Bros. & Greenspan, Inc. 243,955; Mar. 22.
Silk piece goods. Zollinger & Schroth, Inc. 243,911; Mar. 22.
Textile fabrics. Oriental Silk Printing Company. 244,315; Mar. 22.

CLASS 44.

Denture material. M. F. Patterson Dental Supply Company. 243,284; Mar. 22.
Hair-waving machines. S. Lemur Company. 241,827; Mar. 22.
Sanitary napkins. Hospital Specialty Co. 243,864; Mar. 22.
Sanitary napkins. Sears, Roebuck and Co. 243,890; Mar. 22.

CLASS 45.

Beverage, Nonalcoholic, maltless. General Citrus Corporation. 239,100; Mar. 22.

CLASS 46.

Biscuits, Animal. F. H. Bennett Biscuit Company. 229,613; Mar. 22.
Bread. Perfection Biscuit Co. 243,454; Mar. 22.
Bread. J. R. Williams. 243,635; Mar. 22.
Butter. Great Atlantic & Pacific Tea Co. 242,290; Mar. 22.
Butter, Peanut. Serv-Rite Corporation. 242,753; Mar. 22.
Candy. C. A. Caricari. 227,057; Mar. 22.
Candy. Junior Candy Company. 239,115; Mar. 22.
Candy. John G. Woodward & Co. (Inc.) 234,068; Mar. 22.
Candy and candy bars. Curtiss Candy Company. 238,050; Mar. 22.
Candy bar. Shotwell Mfg. Co. 203,979; Mar. 22.
Candy bar. Shotwell Mfg. Co. 242,858; Mar. 22.
Canned fish. L. Avanzino & Bro. Inc. 241,466; Mar. 22.
Canned fruits, vegetables, and salmon, coffee, tea, jams, jellies, etc. Service Grocer Company. 238,747; Mar. 22.
Canned fruits, vegetables, berries, preserved figs, etc. Bittmann-Todd Grocer Company. 232,384; Mar. 22.
Canned sauerkraut juice. Francis H. Leggett & Company. 242,377; Mar. 22.
Cantaloupes, melons, and lettuce, Fresh. J. W. Asher Co. 233,349; Mar. 22.
Cornstarch. Corn Products Refining Company. 240,701; Mar. 22.
Crackers. M. Hokanson. 233,824; Mar. 22.
Feed, Poultry. Western Grocer Company. 244,199; Mar. 22.
Feeds. White Grain Company. 239,449; Mar. 22.
Figs, pickles, jelly, etc. M. S. Neal. 240,676; Mar. 22.
Flour, pancake and pure buckwheat flour, stock and scratch feed, Self-rising buckwheat. Fuller Milling Company. 243,650; Mar. 22.
Flour, Plain wheat and self-rising. Model Mill Company. 242,736; Mar. 22.
Flour, Wheat. J. F. Eesley Milling Company. 243,428; Mar. 22.
Flour, Wheat. Hylton Flour Mills, Inc. 232,774; Mar. 22.
Flour, Wheat. Louisville Milling Company. 221-123; Mar. 22.
Flour, Wheat, Monroe Milling Company. 232,029; Mar. 22.
Flour, Wheat. Texas Star Flour Mills. 242,631; Mar. 22.
Fruits, Citrous. Lipow Bros. Fruit Co. 243,442; Mar. 22.
Gelatin dessert preparation. Dessert Manufacturing Co. 242,417; Mar. 22.
Grapes, plums, and peaches, Fresh. Charles D. Pruner. 241,744; Mar. 22.
Groats and German grits, Brown buckwheat. F. Rochlin Milling Corp. 242,067; Mar. 22.
Gum, Chewing. American Chicle Company. 232,308; Mar. 22.
Ice cream. J. R. Thompson. 243,293; Mar. 22.
Macaroni. A. Palazzolo. 243,167; Mar. 22.
Milk, Bottled. H. W. Paine. 241,296; Mar. 22.
Milk, Pasteurized and fresh. Wayne Creamery. 231,886; Mar. 22:
Oats, corn, corn chops, etc. Western Grain Company. 243,406; Mar. 22.
Oleomargarine. Ohio Butterine Company. 244,174. Mar. 22.
Packers' products. Wm. Schluderberg-T. J. Kurdle Co. 239,679; Mar. 22.
Pastry and cakes. Curtiss Candy Company. 243,424; Mar. 22.
Potatoes. Shoe-string. M. I. Ginsberg. 243,540; Mar. 22.
Vegetables. Jill Brothers. 227,746; Mar. 22.
Wheat flour. Morrow-Kidder Milling Company. 240,729; Mar. 22.

CLASS 48.

Malt extracts, beverages, and sirups. Ohio Malt Products Company. 230,406; Mar. 22.

CLASS 50.

Closure caps. Anchor Cap & Closure Corporation. 237,400; Mar. 22.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 22D DAY OF MARCH, 1927.

NOTE.--Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abington Textile Machinery Works. (See Clark, Ernest, assignor.)
Aceves, Julius G., New York, N. Y., assignor to Crocker-Wheeler Company, Ampere, N. J. Supply circuits for radio sets. 1,622,170; Mar. 22.
Acme Partition Company. (See Grant, W. C., Thomas, and Drew, assignors.)
Adams, Lovell, Burlingham, Inc. (See Burlingham, W., and Lovell, assignors.)
Adams, Soren S., Asbury Park, N. J. Folding ornament. 1,621,703; Mar. 22.
Adamson, Allan A., assignor to G. H. Harris, Rochester, N. Y. Cigar box. 1,621,704; Mar. 22.
Adler, Charles, jr., Baltimore, Md. Electromagnetically operated circuit closer. 1,622,018; Mar. 22.
Aiken, Charles W., Brooklyn, N. Y. Evaporator. 1,621,862; Mar. 22.
Alaska Pulp and Paper Company. (See Keenan, C. J., Kennedy, and Kirsch, assignors.)
Aldrich, William O., assignor to Whitin Machine Works, Whitinsville, Mass. Manufacture of bolster cases. 1,621,705; Mar. 22.
Alexander, John E., Port Edwards, and C. E. Youngchild, Nekoosa, Wis., said Youngchild assignor to said Alexander. Cleaning means for drum driers. 1,621,706; Mar. 22.
Alexander, Robert L., and H. W. Wishart, assignors to Climax Engineering Co., Clinton, Iowa. Water-cooled oil separator. 1,621,707; Mar. 22.
Allen, Charles H. (See Morris, J. L., and Allen.)
Allen, Robert C., Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Turbine-blade lashing. 1,621,618; Mar. 22.
Allen, Wesley P., and E. H. Fincher, Mannsville, Okla. Cultivator. 1,621,764; Mar. 22.
Allen, Willie L., Nacogdoches, Tex. Valve lifter. 1,621,820; Mar. 22.
Alliance Machine Company, The. (See Yanney, G. W., and Keller, assignors.)
Aluminum Plant and Vessel Company Limited, The. (See Seligman, Richard, assignor.)
American Meter Company. (See Kaiser, William H., assignor.)
American Moistening Company. (See Comins, F. B., and Armstrong, assignors.)
American Multigraph Company, The. (See Morse, Lawrence H., assignor.)
American Sterilizer Company. (See Woods, G. H., Denison, and Wiley, assignors.)
American Telephone and Telegraph Company. (See Fitzpatrick, Paul G., assignor.)
American Telephone and Telegraph Company. (See Grimes, David, assignor.)
American Telephone and Telegraph Company. (See Nyquist, Harry, assignor.)
American Valve and Meter Company, The. (See Anderson, Frank C., assignor.)
American Wiremold Co., The. (See Frederickson, Otto A., assignor.)
Ames, Earl R. (See Boekenoogen, I. E., and Ames.)
Ander, George K., et al. (See Rystedt, Ingemar K., assignor.)
Anderson-Barngrover Mfg. Co. (See Thompson, Albert R., assignor.)
Anderson, Frank C., assignor to The American Valve and Meter Company, Cincinnati, Ohio. Switch-interlocking device. 1,622,019; Mar. 22.
Anderson, George M., Washington, D. C., assignor to The Shredded Wheat Company. Marking shredded-wheat biscuit. 1,621,863; Mar. 22.
Anderson, John W. (See Smulski, Theodore J., assignor.)
Anderson, Sven V., Philadelphia, Pa. Advertising novelty. 1,622,020; Mar. 22.
Andrews, George G., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Heel-washer-stacking machine. 1,622,243; Mar. 22.
Angel, Dennis N., North St. Paul, Minn. Ashlar-setting clamp. 1,621,650; Mar. 22.
Angle, Glenn D., Dayton, Ohio. Intake-manifold arrangement for W-type internal combustion engines. 1,622,172; Mar. 22.
Anlauf, Herman, and T. J. Warhurst, San Antonio, Tex. Coupling. 1,622,216; Mar. 22.
Anthony, Daniel L., assignor of one-half to H. E. Cottman and one-half to E. P. Morgan, El Paso, Tex. Braider attachment for sewing machines. 1,622,171; Mar. 22.

Armour, Richard, Los Angeles, Calif. Forging tool. 1,621,573; Mar. 22.
Armstrong, Harry H., Los Angeles, Calif. Recovering condensable vapors from gases. 1,621,821; Mar. 22.
Armstrong, Joseph. (See Comins, F. B., and Armstrong.)
Arneson, Theodore J., Baker, Oreg. Eye-testing apparatus. 1,622,215; Mar. 22.
Aronson, Algott, Vantage, Saskatchewan, Canada. Butter mold. 1,621,822; Mar. 22.
Ashe, Marsellus T., Brooklyn, N. Y. Delivery mechanism. 1,621,619; Mar. 22.
Ashleman, Adolph E., and T. E. Haney, Waco, Tex. Crank lock for box-car doors. 1,621,966; Mar. 22.
Ashton Valve Company, The. (See Motherwell, J. W., and Baker, assignors.)
Atkinson, Frederick C., Indianapolis, Ind. Leather dressing and tanning material. 1,622,127; Mar. 22.
Atlas Powder Company. (See Jessen, Charles C., assignor.)
Atwater, Anna, Lakewood, Ohio. Cooking utensil. 1,622,075; Mar. 22.
Aulbach, Charles J., assignor to Passaic Metal Ware Company, Passaic, N. J. Covered receptacle. 1,621,487; Mar. 22.
Austin, Edward F., and A. F. Phelps, Pittsburgh, Pa. Power-transmitting apparatus. 1,622,076; Mar. 22.
Automatic Electric Inc. (See Gardner, John E., assignor.)
Automotive Devices, Inc. (See Miles, F. J., and Thompson, assignors.)
Avery, Henry A., Groton, assignor, by mesne assignments, to L. C. Smith & Corona Typewriters Inc., Syracuse, N. Y. Typewriting machine. 1,621,488; Mar. 22.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can-filling machine. 1,621,864; Mar. 22.
Ayars Machine Company. (See Ayars, Charles H., assignor.)
Ayres, Claude E., Axtell, Nebr. Colander. 1,621,823; Mar. 22.
Babbitt, Edwin V., Fairhaven, Mass. Soldier toy. 1,621,574; Mar. 22.
Babcock & Wilcox Company, The. (See Witz, Henri E., assignor.)
Bacon, John T., Williamsport, Pa. Traveler's check. 1,621,865; Mar. 22.
Bailey, Henry A. (See Finkle, William P., assignor.)
Bain, Carl C., assignor to Wolverine Supply and Manufacturing Company, Pittsburgh, Pa. Vacuum sweeper. 1,621,919; Mar. 22.
Baker, Harry S. (See Motherwell, J. W., and Baker.)
Baking-Raulang Company, The. (See Stahl, Edward J., assignor.)
Bakker, Manton, Grundy Center, Iowa. Ear-corn cleaner. 1,621,575; Mar. 22.
Baldwin Locomotive Works, The. (See Wille, H. V., Campbell, and Etherington, assignors.)
Barber Asphalt Company, The. (See Ritter, George, assignor.)
Barbier, Alfred, Courcelles, Belgium. Speed-reducing apparatus. 1,622,217; Mar. 22.
Bardach, Lloyd H., Chicago, Ill., assignor by mesne assignments to Gold Dust Corporation, New York, N. Y. Glass-cleaning applicator. 1,621,489; Mar. 22.
Barnett, Walter J., Casper, Wyo. Pulling tool. 1,622,218; Mar. 22.
Bartholomae, William, Brooklyn, N. Y. Musical instrument. 1,622,219; Mar. 22.
Bast, Frank J., New York, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Controlling apparatus. 1,621,620; Mar. 22.
Bastian, William B., Los Angeles, Calif. Quick-throw thermostat valve. 1,621,866; Mar. 22.
Batterman, John J., Brookline, assignor of one-half to J. J. Daly, Newton, Mass. Manufacture of rubber heels. 1,622,077; Mar. 22.
Bauer, George L., Santa Ana, Calif. Walnut dehydrator. 1,621,651; Mar. 22.
Bausch & Lomb Optical Company. (See Kellner, Gustav A. H., assignor.)
Bean, Orestes U., New York, N. Y., assignor to Bean Process Syndicate, Incorporated. Producing gas. 1,621,652; Mar. 22.
Bean Process Syndicate, Incorporated. (See Bean, Orestes U., assignor.)
Bean, Thomas R., Guernsey, Channel Islands, and R. E. Taudevin, Welwyn, Hertford, England. Utilizing wave motion for the propulsion of ships and their auxiliary machinery. 1,622,173; Mar. 22.

Becht, Robert F., Silverton, Ohio. Coating machine and coating cylindrical objects. 1,622,174; Mar. 22.
Becket, Frederick M., Douglaston, assignor to Electro Metallurgical Company, New York, N. Y. Composition for treating metal baths and making the same. 1,622,078; Mar. 22.
Beckley, Ethel P. (See Beckley, William R., assignor.)
Beckley, William R., assignor to E. P. Beckley, Omaha, Nebr. Electric autocondensation pad. 1,622,244; Mar. 22.
Beedle, Edwin W., San Francisco, Calif. Automatic type lock. 1,622,175: Mar. 22.
Bendix Brake Company. (See Dodge, Adiel Y., assignor.)
Bendix Brake Company. (See La Brie, Ludger E., assignor.)
Beoddy, John A., Roanoke, Va. Testing jack. 1,621,867; Mar. 22.
Berg, August O., Los Angeles, Calif. Rocking-horse toy. 1,622,079; Mar. 22.
Bergeson, Ragnvald. (See Lippert, L. H., and Bergeson.)
Berry, Rogers W., and G. W. Bird, Great Falls, Mont. Light mechanism for vehicles. 1,621,920; Mar. 22.
Besancon, George, Wilkes-Barre, Pa. Cotter-pin-extracting pliers. 1,621,576; Mar. 22.
Besly, Charles H. and Company. (See Miller, John, jr., assignor.)
Bezzant, Reginald. (See Bezzant, Sydney and R.)
Bezzant, Sydney, Bristol, and R. Bezzant, London, England. Adjustable and attachable box cover. 1,622,128: Mar. 22.
Bingaman, John R., West Reading, Pa. Lock valve for gasoline motor-supply tanks. 1,621,486; Mar. 22.
Bingaman, John R., West Reading, Pa. Fluid brake mechanism for motor shafts. 1,621,653; Mar. 22.
Bird, George W. (See Berry, R. W., and Bird.)
Birkin, Charles W., Lamcote, Radcliffe-on-Trent, H. L. Birkin and A. Coxon, assignors to Birkin and Company, Nottingham, England. Manufacture of lace. 1,622,021: Mar. 22.
Birkin and Company. (See Birkin, Charles W. and H. L., and Coxon, assignors.)
Birkin, Harry L. (See Birkin, Charles W. and H. L., and Coxon.)
Bishop, William T., Henderson, Tenn. Portable stove. 1,622,176; Mar. 22.
Bittner, William H. (See Winkler, C., and Bittner.)
Black, Lester C., Los Angeles, Calif. Rotary drill bit. 1,621,921; Mar. 22.
Blake, Robert A., Brooklyn, N. Y. Electromagnet. 1,622,080; Mar. 22.
Blakely, Wm. W. (See Goodspeed, Charles A., assignor.)
Blaney, William F., Newark, N. J., assignor to The Turner Tanning Machinery Company, Peabody, Mass. Leather-working machine. 1,621,577; Mar. 22.
Blincow, Joseph E., Wolverhampton, England. Cooking apparatus. 1,622,081; Mar. 22.
Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Awning. 1, 622,245; Mar. 22.
Boedecker, Friedrich Berlin-Dahlem, assignor to the Firm I. D. Riedel A. G., Berlin-Britz, Germany. Barbituric acid and making same. 1,622,129; Mar. 22.
Boedker, Harry, Plymouth, N. C., assignor of twenty-seven and one-half one-hundredths to W. H. Lowe, Kilmarnock, and twenty-seven and one-half one-hundredths to R. W. Lowe, Chestern, Va. Thread tier. 1,621,868; Mar. 22.
Boekenoogen, Isaac E., and E. R. Ames, Aitkin, Minn. Towing device. 16,555; Mar. 22.
Boesger, George A., assignor to The W. W. Sly Manufacturing Company, Cleveland, Ohio. Dust arrester. 1,621,824; Mar. 22.
Boker, H., & Co. Inc. (See Redman, Charles H., assignor.)
Bonswor, Florence, Detroit, Mich. Curtain stretcher. 1,621,765; Mar. 22.
Booker, Richard A., Richmond, Ind., assignor to Richmond Piston Ring Co., Richmond, Ind. Making piston rings. 1,621,578; Mar. 22.
Booth, Alba C., assignor of one-fourth to F. M. Coon, Burlington, Vt. Bottle cap. 1,622,220; Mar. 22.
Boscarelli, Giovanni, London, England. Rolling thin or middle sheets from sheet bars. 1,622,177; Mar. 22.
Boss, Orlando J., Los Angeles, Calif. Bomb-dropping device for aircraft. 1,621,654; Mar. 22.
Bossard, Gisbert L., Loudonville, N. Y. Flasher. 1,621,621; Mar. 22.
Bovey, Sidney J. V. (See Bovey, Thomas, and S. J. V.)
Bovey, Thomas, and S. J. V., Chicago, Ill., said Sidney J. V. Bovey assignor to said Thomas Bovey. Clamping device. 1,621,490; Mar. 22.
Bowen-Dumars Power Corporation. (See Dumars, H., and Bowen, assignors.)
Bowen, William S. (See Dumars, H., and Bowen.)
Boyd, Charles, Dennison, Ohio. Washing machine. 1,622,130; Mar. 22.
Boyden Steel Corporation. (See Charles, Carl L., assignor.)
Boynton, Kinnison S., assignor to E-Z-Way Co., Oakland, Calif. Insecticide and fungicide. 1,621,825; Mar. 22.
Brandtjen and Kluge, Inc. (See Kluge, Abel and E., assignors.)
Brandes Laboratories, Inc. (See Staunton, Le Roy W., assignor.)
Brassert, Herman A., Chicago, W. H. Waggaman, and H. W. Easterwood, Chicago Heights, assignors to Victor Chemical Works, Chicago, Ill. Production of phosphoric acid. 1,622,082; Mar. 22.
Brenneis, Louis, assignor to Brenneis Manufacturing Company, Oxnard, Calif. Disk harrow. 1,621,622; Mar. 22.
Brenneis Manufacturing Company. (See Brenneis, Louis, assignor.)
Brennen, Charles H., Landsdowne, Pa. Adjustable window-frame stile. 1,622,022; Mar. 22.
Breyley, Rupert, Painesville, Ohio. Car bumper. 1,621,708; Mar. 22.
Briggs, Southwick W., Glenmont, Md. Tractor scoop. 1,622,083; Mar. 22.
Briggs, Southwick W., Glenmont, Md. Dump-wagon-gate closer. 1,622,084; Mar. 22.
Briggs, Southwick W., Glenmont, Md. Hydraulic scoop. 1,622,085; Mar. 22.
Bright Star Battery Company. (See Sokolow, Samuel, assignor.)
Brooks, Bloomfield H., Denver, Colo. Tent support. 1,622,232; Mar. 22.
Brophy, Rosanna M., Jersey City, N. J. Cleaner for nursing-bottle nipples. 1,622,178; Mar. 22.
Brown, Allen W. (See Finley, T. M., and Brown.)
Brown, James W., Tulsa, Okla. Derrick or tower. 1,622,086; Mar. 22.
Brown, John L., Vernon, Pa., assignor to Westinghouse Electric & Manufacturing Company. Cap for bearings. 1,621,709; Mar. 22.
Brown, William, Jere, and S. Morano, Morgantown, assignor of one-sixth to J. Maone, one-sixth to J. Ferrise, one-sixth to S. Sellaro and one-sixth to J. Nuoto, Morgantown, W. Va. Combined clothes and dish washing machine. 1,622,221; Mar. 22.
Brunswick-Balke-Collender Company, The. (See Thompson, Aksel R., assignor.)
Bryant and May Proprietary Limited. (See Ney, Andrew F., assignor.)
Bryant, Frank L., Joliet, Ill. Granulating dry materials. 1,621,869; Mar. 22.
Bryant, Roland G., Carterville, Mo. Combination table and luggage carrier. 1,621,922; Mar. 22.
Buckeye Steel Castings Company, The. (See Bush, Samuel P., assignor.)
Buckeye Steel Castings Company, The. (See Johnson, G. T., and Stertzbach, assignors.)
Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
Buehler, Randolph J., South Bend, Ind. Valve-controlling mechanism. 1,621,870; Mar. 22.
Buffalo Brake Beam Company. (See Campo, James A., assignor.)
Bulmer, James R., Fort Collins, Colo. Air cooler and humidifier. 1,621,766; Mar. 22.
Burke, Edwin, Denver, Colo., assignor to The Midwest Cabinet Company. Kitchen cabinet. 1,621,491; Mar. 22.
Burlingham, William, Tenafly, and R. L. Lovell, Cranford, assignors to Adams, Lovell, Burlingham, Inc., Jersey City, N. J. Compressor for refrigerating systems. 1,622,023; Mar. 22.
Burner, William L., Koppel, and O. E. Kantenwein, New Castle, assignors to Koppel Industrial Car and Equipment Company, Pittsburgh, Pa. Dump car. 1,621,871; Mar. 22.
Burnham, Charles, Washington, D. C. Box-making machine. 1,621,655; Mar. 22.
Burnham Chemical Company. (See Ganger, A. W., and Storch, assignors.)
Burns, Richard J., Lowelliville, Ohio. Expansion s team trap. 1,621,623; Mar. 22.
Burrow, Frank V., Glendale, Calif., assignor of one-half to G. H. Winchell, sr., Muskogee, Okla. Amusement apparatus. 1,621,656; Mar. 22.
Burtchaell, Peter T., San Rafael, Calif. Garment attachment. 1,621,826; Mar. 22.
Burwell, Jay S., Sharon, Pa. Shock absorber. 1,621,579; Mar. 22.
Bush, Samuel P., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck. 1,621,827; Mar. 22.
Butterfield, Fred, & Co. Inc. (See Vandergaw, E. B., and Heinrich, assignors.)
Butz, Arthur, Halbau, Silesia, Germany. Safety plate against burning during cooking. 1,621,967; Mar. 22.
Byrne, Harry, et al. (See Comerford, John J., assignor.)
C-S Engineering Company. (See Schellens, E. L., and Coffin.)
Calderwood, Hugh A., assignor to National Metal Molding Company, Pittsburgh, Pa. Bar hanger for the support of outlet boxes for the wiring of buildings. 1,622,087; Mar. 22.
Caldwell, Frank W., Dayton, Ohio. Impeller. 1,622,222; Mar. 22.
Calingaert, George, Cambridge, Mass., assignor to General Motors Corporation, Detroit, Mich. Producing alkyl compound of lead. 1,622,233; Mar. 22.
Cambre, Manuel. (See Menzemer, Harry E., assignor.)
Cameron Can Machinery Company. (See Cameron, William, assignor.)

Cameron, William, assignor to Cameron Can Machinery Company, Chicago, Ill. Double-seaming machine. 1,621,580; Mar. 22.
Campbell, Charles A. (See Minnier, B. J., and Campbell.)
Campbell-Cooney Patents Co. (See Cooney, Robert K., assignor.)
Campbell, Robert M. (See Wille, H. V., Campbell, and Etherington.)
Campo, James A., Woodridge, N. J., assignor to Buffalo Brake Beam Company. Coupling pin. 1,621,624; Mar. 22.
Canny, David R., Los Angeles, Calif. Window-sash construction. 1,621,828; Mar. 22.
Canter, Vernon C., Charleston, W. Va., assignor to Gasoline Recovery Corporation. Apparatus for cooling and condensation. 1,622,024; Mar. 22.
Cappa, Giulio C., Turin, Italy. Cooling the valves, stems, and seats in internal-combustion engines. 1,621,521; Mar. 22.
Cappa, Giulio C., Turin, Italy. Valve gear for internal-combustion engines. 1,621,522; Mar. 22.
Capra, Angelo M., Philadelphia, Pa., assignor, by mesne assignments, to Capra Filter Press Corporation. Filter press. 1,621,767; Mar. 22.
Capra Filter Press Corporation. (See Capra, Angelo M., assignor.)
Carl Lindstrom Aktiengesellschaft. (See Jokel, Franz, assignor.)
Carlisle, Charles J., Coldwater, Mich. Door-opening mechanism. 1,622,088; Mar. 22.
Carlson, Axel E., Moline, Ill. Electric gas lighter. 1,622,089; Mar. 22.
Carlson, Hjalmar, Duluth, Minn. Combination jack and puller. 1,621,829; Mar. 22.
Carlson, Hjalmar G., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Latch-releasing device for dry pipe valves. 1,621,872; Mar. 22.
Carter, James H., Oakland, Calif. Bean stringer. 1,621,968; Mar. 22.
Carter, John J., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Making clamping rings for commutators. 1,622,179; Mar. 22.
Casey, Vasco F., Minneapolis, Minn. Air-floated barge. 1,621,625; Mar. 22.
Cattley, Ernest M., New York, N. Y. Indicator for leaking air, gases, and the like. 1,621,492; Mar. 22.
Champion Manufacturing Company. (See Dunbaugh, George J., jr., assignor.)
Charles, Carl L., assignor to Boyden Steel Corporation, Baltimore, Md. Railway-car truck. 1,621,493; Mar. 22.
Chicago-Cleveland Cartridge Roofing Company. (See Russell, Thomas N., assignor.)
Chieffo, Henry F., Weehawken, N. J. Safety window-cleaning device. 1,621,626; Mar. 22.
Chilton, Roland, Keyport, N. J., assignor to Healey-Aeromarine Bus Company, Inc. Connecting rod for engines. 1,621,494; Mar. 22.
Chireix, Henri, Paris, France. System of radiotelegraphy. 1,622,025; Mar. 22.
Christensen, Niels C., Salt Lake City, Utah. Treatment of ores with chloride solutions. 1,621,969; Mar. 22.
Cincinnati Planer Company, The. (See Linden, C. E., and Langen, assignors.)
Clark, Ernest, Abington, assignor to Abington Textile Machinery Works, Boston, Mass. Vacuum stripper for carding engines. 1,622,246; Mar. 22.
Clark, John M., New York, N. Y. Flame plug for internal-combustion engines. 1,621,581; Mar. 22.
Clarke, George W., Oklahoma City, Okla. Well bailer. 1,621,627; Mar. 22.
Clarkson, Guy S., assignor to D. R. Finkelstein, Winnipeg, Manitoba, Canada. Rack for dishwashing machines, 1,621,830; Mar. 22.
Clausing, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Last. 1,621,710; Mar. 22.
Clement, Alvah W., East Cleveland, Ohio, assignor, by mesne assignments, to Ludlum Steel Co., Watervliet, N. Y. Titanium alloy. 1,621,523; Mar. 22.
Climax Engineering Co. (See Alexander, R. L., and Wishart, assignors.)
Cline, Sanford E., Greensburg, Ind. Lawn-mower sharpener. 1,621,524; Mar. 22.
Coates, Spencer D., P. H. Davis, and A. B. Jenks, Santa Fe Springs, Calif. Cementing bailer. 1,621,970; Mar. 22.
Coffin, Joel S., jr. (See Schellens, E. L., and Coffin.)
Colbourne, Philip G. J., London, England. Spirit stove. 1,622,180; Mar. 22.
Collamore, Kenelm W., Grand Haven, Mich. Frame for automobile license plates. 1,621,582; Mar. 22.
Colvin, Henry M., Kansas City, Mo. Key compact. 1,621,831; Mar. 22.
Combination Woodworking Machine Co. (See Pierce, John D., assignor.)
Comerford, John J., Philadelphia, Pa., assignor of one-third to M. J. Martley, Bronxville, and one-third to H. Byrne, New York, N. Y. Thermostatic alarm. 1,621,628; Mar. 22.
Comins, Frank B., Newton, and J. Armstrong, Malden, assignors to American Moistening Company, Boston, Mass. Self-cleaning nozzle. 1,622,090; Mar. 22.
Conner, William, Philadelphia, Pa. Machine for separating the whites from the yolks of eggs. 1,622,181; Mar. 22.
Conners, James, Crescent City, Calif. Grid leak. 1,621,832; Mar. 22.
Conradson, Conrad M., Green Bay, Wis. Rotary pump. 1,621,495; Mar. 22.
Continental Railway Supply Corporation. (See Hyle, J. A., and Scott, assignors.)
Cooke, George, Martins Ferry, Ohio. Rolling-mill bearing. 1,621,711; Mar. 22.
Coon, Frederick M. (See Booth, Alba C., assignor.)
Cooney, Robert K., Toledo, Ohio, assignor to Campbell-Cooney Patents Co., Homer, Mich. Cream-treating process. Re16,576; Mar. 22.
Cooper, Charles G., and A. J. Dinkel, Yuma, Ariz. Grease gun. 1,621,657; Mar. 22.
Corsi, Luigi, Turin, Italy. Heavy-oil internal-combustion engine. 1,621,525; Mar. 22.
Cossey, John C. G. (See Mitchell, J., and Cossey.)
Cottman, Henry E., et al. (See Anthony, Daniel L., assignor.)
Cottonwood Fiber Company. (See Loepfe, Charles M., assignor.)
Couchman, Archie, and W. L. Phillips, assignors of one-third to L. F. Drinkhahn, Detroit, Mich. Lubricator. 1,622,026; Mar. 22.
Couchman, Archie, L. F. Drinkhahn, and W. L. Phillips, Detroit, Mich. Lubricating system. 1,622,027; Mar. 22.
Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Crank holder. 1,622,028; Mar. 22.
Courtis, Rene C., Martinez, Calif. Dispensing cabinet. 1,621,971; Mar. 22.
Cowan, Nathan, Chicago, Ill. Meat-block cleaner. 1,622,182; Mar. 22.
Coxon, Albert. (See Birkin, Charles W. and H. L., and Coxon.)
Crane, Charles H., Kansas City, Mo. Car-door mechanism. 1,621,833; Mar. 22.
Crankless Engines (Aus) Proprietary Limited. (See Michell, Anthony G. M., assignor.)
Creighton, Thomas A., Long Beach, Calif. Releasable drill collar. 1,621,583; Mar. 22.
Crippen, Herbert O., Chicago, Ill. Spike retainer. 1,621,768; Mar. 22.
Crisci, Arturo, New York, N. Y. Nonrefillable bottle. 1,621,923; Mar. 22.
Crispin, Edward, New York, N. Y. Air cooler. 1,622,131; Mar. 22.
Crocker-Wheeler Company. (See Aceves, Julius G., assignor.)
Crofoot, John B., Arlington Heights, Ill. Stapler. 1,621,496; Mar. 22.
Cruikshank, J. W., Engineering Company. (See Cruikshank, James W., assignor.)
Cruikshank, James W., assignor to J. W. Cruikshank Engineering Company, Pittsburgh, Pa. Method and apparatus for grinding glass. 1,622,091; Mar. 22.
Culell, John, Detroit, Mich. Caliper. 1,621,526; Mar. 22.
Culver, Carl H., Detroit, Mich., assignor to Culver Stearns Manufacturing Company, Worcester, Mass. Support for concealed dash lamps. 1,621,873; Mar. 22.
Culver Stearns Manufacturing Company. (See Culver, Carl H., assignor.)
Cummer, Harry W., et al., executors. (See Cummer, Harry.)
Cummer, Harry, deceased, Buffalo, N. Y.; H. W. Cummer and J. W. Van Allen, executors, assignors to The Cummer Scale Company, Inc. Weighing scale. 1,622,092; Mar. 22.
Cummer Scale Company, The. (See Cummer, Harry, assignor.)
Cummiskey, James. (See Thomson, C. H., Cummiskey, Miller, and Jones.)
Curtain Supply Company. (See Holt, Thomas W., assignor.)
Daly, John J. (See Batterman, John J., assignor.)
D'Amours, Léon, Trois-Pistoles, Quebec, Canada. Rail joint. 1,622,183; Mar. 22.
Danger, Etienne, assignor to Société Anonyme des Usines A. E. Deconfle, Paris France. Cutting device for cigarette machines. 1,621,834; Mar. 22.
Dannehl, Otto, Berlin-Zehlendorf, Germany, assignor to Naamlooze Vennootschap Machinerieenen Apparaten Fabrieken, Utrecht, Holland. Sash holder. 1,622,132; Mar. 22.
Darby, Wesley C., Des Moines, Iowa. Antiglare shield for motor vehicles and the like. 1,621,972; Mar. 22.
Davis, Arthur P., Brooklyn, N. Y. Electrical contact device for follow-up systems. 1,621,835; Mar. 22.
Davis, Clawson, Ann Arbor, assignor of one-half to C. J. Seyfried, Morenci, Mich. Air-heating oil stove. 1,622,184; Mar. 22.
Davis, Paul H. (See Coates, S. D., Davis, and Jenks.)
Davis, William H. H., San Francisco, Calif. Hairpin. 1,621,924; Mar. 22.
Daugherty, Arthur H., Russellville, Tenn. Child's slide. 1,622,093; Mar. 22.
Daugherty, Thomas E., Baltimore, Md. Theft-preventing device. 1,621,925; Mar. 22.
Daulton, Ernest N., Fitchburg, Mass. Dandy-roll support for paper machines. 1,621,874; Mar. 22.
Dawson, Paul A., Akron, Ohio. Goggles. 1,621,629; Mar. 22.
Dawson, William A., Kansas City, Mo. Valve mechanism. 1,621,712; Mar. 22

Debus, Sander, Hastings, Nebr. Box fastener. 1,621,630; Mar. 22.
Decker, Frank A., New York, assignor to L. G. Pacent, Winfield, N. Y. Boring tool. 1,622,094; Mar. 22.
Dedolph, Eduard, Hedley, British Columbia, Canada. Fertilizer. 1,621,875; Mar. 22.
Deenihan, James, Redondo Beach, Calif. Combined door holder and check device. 1,621,974; Mar. 22.
Deere & Company. (See Coultas, Wilbur J., assignor.)
De Lape, David E., Boston, Mass. Retting tank. 1,621,658; Mar. 22.
De Laski & Thropp Circular Woven Tire Company, The. (See Nevius, James R., assignor.)
Delco-Light Company. (See Lee, Ralph L., assignor.)
Delco-Light Company. (See Van Rennes, Cornelis, assignor.)
Delco-Remy Corporation. (See Carter, John J., assignor.)
Delco-Remy Corporation. (See Dewey, Fred G., assignor.)
Delco-Remy Corporation. (See Norviel, Harry E., assignor.)
Dempster, James B., Iowa City, Iowa. Condenser. 1,621,659; Mar. 22.
Denison, Adam B. (See Woods, G. H., Denison, and Wiley.)
Derk, Joseph, assignor to The Derk Manufacturing Company, Philadelphia, Pa. Table scarf. Des. 72,250; Mar. 22.
Derk Manufacturing Company, The. (See Derk, Joseph assignor.)
De Roehn, Clarence L., Waterville, Me. Indicator for automobile radiators. 1,622,095; Mar. 22.
Desbarats, Charles H. H., Montreal, Quebec, Canada. Advertising medium. 1,622,223; Mar. 22.
Deverall, Charles N., Buffalo, assignor to The Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N. Y. Combination stop mechanism for organs. 1,621,973; Mar. 22.
Devereaux, William C., Detroit, Mich. Door latch. 1,621,497; Mar. 22.
Dewey, Fred G., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Manufacture of armatures. 1,622,185; Mar. 22.
Dickson, George F., et al. (See Guenther, Bernard B., assignor.)
Dickson, Robert L., Long Beach, Calif. Automobile signal. 1,622,096; Mar. 22.
Dictograph Products Corporation. (See Koch, Henry, assignor.)
Dinkel, Andrew J. (See Cooper, C. G., and Dinkel.)
Diouhy, August, Wallingford, Conn., assignor to H. L. Judd Co., Inc., New York, N. Y. Curtain-pole end. Des. 72,251; Mar. 22.
Dobron, Weronika, Milwaukee, Wis. Under-sea-illuminating means for submarines. 1,622,186; Mar. 22.
Dodge, Adiel Y., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Pressed brake shoe. 1,622,133; Mar. 22.
Dodge, Gordon F. (See Tuite, F. J., and Dodge.)
Doerr, Louis H., Ventura, Calif. Flow nipple. 1,621,876; Mar. 22.
Dorer, Primus O., Lee, London, assignor to A. G. Smith, London, England. Operating auxiliary apparatus on motor-driven vehicles. 1,621,769; Mar. 22.
Dorman, Neal W., and M. R. Hatch, assignors to The Toledo Machine and Tool Company, Toledo, Ohio. Toggle press. 1,621,713; Mar. 22.
Dovel, James P., Birmingham, Ala. Pig-breaking machine. 1,622,029; Mar. 22.
Dräger, Alexander B., Lubeck, Germany. Check valve for respirating apparatus. 1,621,498; Mar. 22.
Drake, Alden M., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Spindle attachment. 1,622,234; Mar. 22.
Drew, George W. (See Grant, W. C., Thomas, and Drew.)
Drinkhahn, Louis F. (See Couchman, A., and Phillips, assignors.)
Drinkhahn, Louis F. (See Couchman, A., Drinkhahn, and Phillips.)
Drohan, Francis P., Jacksonville, Fla. Light. 1,622,187; Mar. 22.
Duck, Lawrence, Company. (See Flett, William, assignor.)
Dumars, Horace, New Suffolk, and W. S. Bowen, New York, assignors to Bowen-Dumars Power Corporation, New York, N. Y. Gas separation. 1,622,134; Mar. 22.
Dunbaugh, George J., jr., assignor to Champion Manufacturing Company, Chicago, Ill. Liquid-level gauge. 1,621,584; Mar. 22.
Duncan, Robert D., jr., Bronxville, assignor to Wired Radio, Inc., New York, N. Y. Wired radio broadcasting system. 1,622,135; Mar. 22.
Dunham, A. H., et al. (See Rystedt, Ingemar K., assignor.)
Dworack, Charles W., Dayton, Ohio. Self-feeding rotating lubricating system. 1,622,136; Mar. 22.
Dyer, Joseph G., and J. C. Thomas, Parkerton, Wyo. Bull-wheel attachment. 1,621,714; Mar. 22.
E-Z-Way Co. (See Boynton, Kinnison S., assignor.)
Eagle Pencil Company. (See Solinger, Leo, assignor.)
Easterwood, Henry W. (See Brassert, H. A., Waggaman, and Easterwood.)
Eastman Kodak Company. (See Kroedel, R., and Speidel, assignors.)
Eastman Machine Company. (See Sackerman, M. G., and Heller, assignors.)
Eckland, Charles J., Minneapolis, Minn. Bus ventilator. 1,621,770; Mar. 22.
Eckley, Paul, Walnut Creek, Calif. Spading tool. 1,621,715; Mar. 22.
Edmunds & Jones Corporation. (See Godley, Charles E., assignor.)
Edwards, Charles R., Houston, Tex. Collapsible taper-thread-cutting tool. 1,622,097; Mar. 22.
Edwards, Donald V., Troy, N. Y., assignor to Pittsburgh Transformer Company. Casing for electrical apparatus. 1,622,030; Mar. 22.
Edwards, Leroy, Stanley, N. Dak. Folding camp bed. 1,622,188; Mar. 22.
Egan, Daniel J., Picher, Okla. Automatic oiler. 1,621,771; Mar. 22.
Egbert, Clio S., Dayton, Ohio. Propeller case. 1,622,137; Mar. 22.
Egry Register Company, The. (See Jackson, Philip A., assignor.)
Ehrlich, Jacob M. (See Quait, Robert, jr., assignor.)
Eklund, Karl, Forest Park, and M. A. Loeck, La Grange, assignors to W. E. Keough Company, Forest Park, Ill. Hair-waving device. 1,621,527; Mar. 22.
Electro Metallurgical Company. (See Becket, Frederick M., assignor.)
Ellenburg, Joseph N., assignor of one-half to J. J. Thompson, McKinney, Tex. Revoluble moldboard for plows. 1,621,772; Mar. 22.
Ellerman, Frank O., Dayton, Ohio. Aeroplane helicopter control. 1,622,138; Mar. 22.
Ellis, Carleton, Montclair, N. J. Composition of matter for treating animal tissue. 1,621,528; Mar. 22.
Elizey, Ambrose, Florien, La. Device for attaching lugs to vehicle wheels. 1,622,189; Mar. 22.
Elstone, Stanley W., Walkerville, Ontario, Canada, assignor to Huron Manufacturing Co., Detroit, Mich. Thread-cutting mechanism. 1,622,190; Mar. 22.
Elters, William S., assignor to The Gem City Sheet Metal Company, Dayton, Ohio. Register hood. 1,622,031; Mar. 22.
Emond, William H., Syracuse, N. Y. Closed vehicle. 1,622,098; Mar. 22.
Enberg, Stone R., assignor to Walden-Worcester, Incorporated, Worcester, Mass. Ratchet wrench. 1,621,499; Mar. 22.
Erskine, James E., Jacksonville, Fla. Pneumatically-operated lubricator. 1,621,975; Mar. 22.
Eskholme, John W. (See Thomson, A., and Eskholme.)
Espagnol, Agustin E. (See Espagnol, Domingo and A. E.)
Espagnol, Domingo and A. E., Buenos Aires, Argentina. Wrapping paper. Des. 72,252; Mar. 22.
Estate Stove Company. (See Kahn, Bertrand B., assignor.)
Estey, James R. (See Johnston, R. C., and Estey.)
Etherington, William J. (See Wille, H. V., Campbell, and Etherington.)
Evinrude Motor Company. (See Mould, James A., assignor.)
Fabrique Nationale D'Armes de Guerre Societe Anonyme. (See Mattlet, Ernest, assignor.)
Farrel Foundry and Machine Co. (See Kessler, Armin G., assignor.)
Federal Telegraph Company. (See Spector, David S., assignor.)
Feldenheimer, William, London, England. Treatment of earthy minerals. 1,622,099; Mar. 22.
Feldman, Isaac, Philadelphia, Pa. Oil pan for sewing machines. 1,622,258; Mar. 22.
Ferris, Jesse L., La Crosse, Wis. Thermostatic valve. 1,621,660; Mar. 22.
Ferris, Walton C., assignor to National Manufacturing Company Inc., Lincoln, Nebr. Scaffold hoist. 1,622,247; Mar. 22.
Ferrise, John, et al. (See Brown, W., and Morano, assignors.)
Fetcher, Theophil J., Norwalk, Wis. Controlling device for motor-drawn binders. 1,621,773; Mar. 22.
Filippi, Antoine P., Paris, France. Helicopter. 1,622,191; Mar. 22.
Fincher, Elbert H. (See Allen, W. P., and Fincher.)
Finkelstein, David R. (See Clarkson, Guy S., assignor.)
Finkle, William P., Castleton-on-Hudson, N. Y., assignor of one-half to H. A. Bailey, Burlington, Vt. Tool. 1,622,192; Mar. 22.
Finley, Thomas M., St. Louis, Mo. Flexible power transmission for internal-combustion engines. 1,621,977; Mar. 22.
Finley, Thomas M., and A. W. Brown, St. Louis, Mo. Self-lubricating pitman. 1,621,976; Mar. 22.
Firestone Steel Products Company, The. (See Kuhn, Max O., assignor.)
Firestone Tire and Rubber Company, The. (See Pade, Max H., assignor.)
Firestone Tire and Rubber Company, The. (See Putt, E. D., and Stevens, assignors.)
Firestone Tire and Rubber Company, The. (See Stevens, Horace D., assignor.)
Fischer, Joseph, Faith, assignor to A. Hanneman, Redelm, S. Dak. Gun sight. 1,622,193; Mar. 22.

Fisk Rubber Company, The. (See Hennessy, Daniel E., assignor.)
Fisk Rubber Company, The. (See Mincher, Joseph F., assignor.)
Fisk Rubber Company, The. (See Wikle, George F., assignor.)
Fitch, Charles M., Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Hinge. 1,621,500; Mar. 22.
Fitts, James L., Merchantville, N. J., and K. W. Rohlin, Philadelphia, Pa., assignors to Warren Webster & Company, Camden, N. J. Apparatus for withdrawing water of condensation and gases entrained therewith from steam heating systems. 1,621,529; Mar. 22.
Fitzgerald, Harold D., Danville, Va. Thermostatic trap. 1,621,774; Mar. 22.
Fitz Gerald, John J., Medford, Mass. Veneer wall. 1,621,877; Mar. 22.
Fitzpatrick, Paul G., New York, N. Y., assignor to American Telephone and Telegraph Company. Dead-ending clamp. 1,621,530; Mar. 22.
Flanders, Warren B., Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Governing mechanism for steam turbines. 1,622,100; Mar. 22.
Flauder, Alfred J., Bridgeport, Conn. Combined salt and pepper shaker. Des. 72,253; Mar. 22.
Flauder, Alfred J., Bridgeport, Conn. Combined salt and pepper shaker. Des. 72,254; Mar. 22.
Flauder, Alfred J., Bridgeport, Conn. Combined salt and pepper shaker. Des. 72,255; Mar. 22.
Flett, William, Wakefield, assignor to Lawrence Duck Company, Lawrence, Mass. Bobbin magazine. 1,621,836; Mar. 22.
Floto, Julius, assignor to J. W. Telling, Chicago, Ill. Bumper. 1,621,501; Mar. 22.
Formway, Roy F. (See Formway, Verla L. and R. F.)
Formway, Verla L. and R. F., Roby, Tex. Pump. 1,621,978; Mar. 22.
Francke, William J., assignor, by mesne assignments, to John Waldron Corporation, New Brunswick, N. J. Flexible coupling. 1,622,101; Mar. 22.
Frank, Martin, Brooklyn, N. Y. Waterproof vest-pocket sun watch. 1,621,661; Mar. 22.
Frederickson, Otto A., assignor to The American Wiremold Co., Hartford, Conn. Electrical conduit. 1,622,032; Mar. 22.
Freeman, Hidden E., Crewe, Va. Display container. 1,622,194; Mar. 22.
Freiln, Carl G., Bellevue, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Articulated car. 1,621,979; Mar. 22.
Freund, Saly, and B. Stauffer, Nuremberg, Germany. Goldbeater's foil. 1,621,502; Mar. 22.
Fried, Edward B., et al. (See Morris, J. L., and Allen, assignors.)
Fried. Krupp Aktiengesellschaft Germaniawerft. (See Regenbogen, Conrad, assignor.)
Fried, Richard H., et al. (See Morris, J. L., and Allen, assignors.)
Fried, William F., et al. (See Morris, J. L., and Allen, assignors.)
Fujimoto, Ukichi, Tokyo, Japan. X-ray tube. 1,621,926; Mar. 22.
Fuller, Orlie E., Lamont, Iowa. Gambrel. 1,622,102; Mar. 22.
Fulton, James O., Toronto, Ontario, Canada, assignor to The John C. King Lumber Company, Cleveland, Ohio. Hardwood-block flooring. 1,622,103; Mar. 22.
Fulton, James O., Toronto, Ontario, Canada, assignor to The John C. King Lumber Company, Cleveland, Ohio. Block flooring and making the same. 1,622,104; Mar. 22.
Gaffney, James A., and M. J. Hanson, North Redwood, Minn. Clamping tool for wire-fence staples. 1,621,631; Mar. 22.
Gale, Henry P., Chicago, Ill. Painting apparatus. 1,622,224; Mar. 22.
Gale, Milan C. (See Kent, D. W., and Gale.)
Gammons, Herman T., et al. (See Miller, Max C., assignor.)
Gardner, John E., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,621,503; Mar. 22.
Garland, Mamie M., assignor to Garland Ventilator Company, Chicago, Ill. Ventilator. 1,621,531; Mar. 22.
Garland Ventilator Company. (See Garland, Mamie M., assignor.)
Garnett, Henry J. (See Smith, W. S., and Garnett.)
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Feeding mechanism. 1,621,662; Mar. 22.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Fluid-pressure motor. 1,621,663; Mar. 22.
Gary, Stephen J. (See Guarneri, Stephen J.)
Gasoline Recovery Corporation. (See Canter, Vernon C., assignor.)
Gates, Howard B., Palatka, Fla. Shock absorber. 1,621,532; Mar. 22.
Gauger, Alfred W., and H. H. Storch, Westend, Calif., assignors to Burnham Chemical Company, Reno, Nev. Decreasing the rate of crystallization of borax from brine. 1,621,927; Mar. 22.
Geiger, Erwin A., Ridgewood, N. J., assignor to Rapid Addressing Machine Company. Selective card-handling apparatus. 1,621,716; Mar. 22.
Gem City Sheet Metal Company, The. (See Elters, William S., assignor.)
General Motors Corporation. (See Calingaert, George, assignor.)
General Motors Corporation. (See Midgley, Thomas, jr., assignor.)
General Motors Research Corporation. (See Geyer, Harvey D., assignor.)
General Motors Research Corporation. (See Hunt, John H., assignor.)
General Motors Research Corporation. (See Kettering, C. F., and Hunt, assignors.)
Gersman, Harvey M., Chicago, Ill. Expanded sheet metal. 1,621,664; Mar. 22.
Gesellschaft für Drahtlose Telegraphie m. b. H., Halleaches. (See Meissner, Alexander, assignor.)
Gesellschaft für Drahtlose Telegraphie m. b. H., Halleaches. (See Osnos, Mendel, assignor.)
Gesellschaft für Drahtlose Telegraphie m. b. H., Halleaches. (See Rukop, Hans, assignor.)
Getchell, Robert M., Dayton, Ohio. Airship mooring drum. 1,622,139; Mar. 22.
Getchell, Robert M., Dayton, Ohio. Mooring masthead. 1,622,140; Mar. 22.
Geyer, Harvey D., assignor to General Motors Research Corporation, Dayton, Ohio. Automobile theftproof device. 1,622,141; Mar. 22.
Gibson, William W., Alameda, Calif. Mill. 1,621,775; Mar. 22.
Gillette Rubber Company. (See Hutchens, Ralph W., assignor.)
Gilman, Charles D., Oakland, Calif. Apparatus for supporting tree limbs and the like. 1,621,776; Mar. 22.
Girard, Fritz, assignor to the Firm: Quarzlampen-Gesellschaft mit beschränkter Haftung, Hanau-am-Main, Germany. Irradiation device for therapeutical and other purposes. 1,622,142; Mar. 22.
Gladstone, William D., New York, N. Y. Key holder. 1,621,777; Mar. 22.
Gleason Works. (See Wildhaber, Ernest, assignor.)
Globe Automatic Sprinkler Company. (See Rowley, Arthur C., assignor.)
Globe Machinery and Supply Company. (See Harshbarger, Franz S., assignor.)
Godley, Charles E., assignor to Edmunds & Jones Corporation, Detroit, Mich. Lamp. 1,621,585; Mar. 22.
Godley, Charles E., assignor to Edmunds & Jones Corporation, Detroit, Mich. Reflector. 1,621,586; Mar. 22.
Gold Dust Corporation. (See Bardach, Lloyd H., assignor.)
Gold Dust Corporation. (See Van Sant, Robert H., assignor.)
Goldsmith, Alfred N., and J. Weinberger, New York, N. Y., assignors to Radio Corporation of America. Radiotelephony. 1,622,033; Mar. 22.
Goodman, Louis, San Francisco, Calif. Flexible coupling. 1,621,980; Mar. 22.
Goodrich, B. F. Co., The. (See Pierson, Robert M., assignor.)
Goodspeed, Charles A., assignor to Wm. W. Blakely, Detroit, Mich. Wheel block. 1,621,504; Mar. 22.
Goodyear Tire & Rubber Company, The. (See Andrews, George G., assignor.)
Gottschalk, Otto, Buenos Aires, Argentina. Attachment for measuring instruments. 1,622,105; Mar. 22.
Government and the People of the United States of America, The. (See Leighton, Alan, assignor.)
Grant, William C., E. J. Thomas, and G. W. Drew, assignors to Acme Partition Company, Oakland, Calif. Coiling door. 1,621,717; Mar. 22.
Grasselli Dyestuff Corporation. (See Rabe, Paul, assignor.)
Grasselli Dyestuff Corporation. (See Stein, Berthold, assignor.)
Gray, Wilburn D. (See Sullins, Harold L., assignor.)
Greenfield Tap and Die Corporation. (See Drake, Alden M., assignor.)
Greve, Edgar E., Bellevue, Pa. Crank for drilling rigs. 1,621,665; Mar. 22.
Grimes, David, Tompkinsville, N. Y., assignor to American Telephone and Telegraph Company. Alternating-current relay. 1,621,533; Mar. 22.
Griswold, Lester E., Columbus, Ohio. Thong cutter. 1,621,718; Mar. 22.
Grumbles, Arthur, Fort Worth, Tex. Book Rest. 1,621,632; Mar. 22.
Guarneri, Stephen J., now by judicial change of name Stephen J. Gary, assignor of one-half to J. E. Lewis, New York, N. Y. Cross-jointed metal bar. 1,622,235; Mar. 22.
Guenther, Bernard B., assignor of one-third to C. E. Ovenshire and one-third to G. F. Dickson, Minneapolis, Minn. Label feeding and cutting machine. 1,621,666; Mar. 22.
Guhman, Walter A., New York, N. Y. Portable lighter. 1,621,534; Mar. 22.
Gunter, James E., Corporation, The. (See Gunter, James E., assignor.)
Gunter, James E., Baltimore, Md., assignor to The James E. Gunter Corporation. Easy open container. 1,622,236; Mar. 22.

"H H" Manufacturers Inc. (See Hawkins, Roe C., assignor.)
Haerberlein, Max., Maplewood, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Spiral casing for hydraulic turbines and the like. 1,621,719; Mar. 22.
Haglund, Axel, assignor of one-half to O. B. Linder, Oakland, Calif. Caliper. 1,621,778; Mar. 22.
Hallwood, Nathan A., assignor to McKenna-Horix Manufacturing Company, Pittsburgh, Pa. Scales. 1,622,106; Mar. 22.
Hammond, John H. jr., Gloucester, Mass. System of guide lights. 1,621,878; Mar. 22.
Hammond, John H., Jr., Gloucester, Mass. Pipe organ. 1,621,879; Mar. 22.
Hammond, John H., jr., Gloucester, Mass. Solo control for automatic player instruments. 1,621,880; Mar. 22.
Hammond, William P., (See Moses, E. Q., Terwilliger, and Hammond.)
Hampden Glazed Paper and Card Company. (See Stone, Thomas L., assignor.)
Handte, Elmer G., Pittsburgh, Pa. Kit for wagons, trucks, and the like. 1,621,536; Mar. 22.
Haney, Thomas E. (See Ashleman, A. E., and Haney.)
Hanley, Michael. (See Miller J. T., and Hanley.)
Hanneman, August. (See Fischer, Joseph, assignor.)
Hansmann, Paul, and Herman Strack, Long Prairie, Minn., assignors, by mesne assignments, to the said Hansmann. Anti-side-draft plow hitch. 1,621,633; Mar. 22.
Hanson, Merril J. (See Gaffney, J. A., and Hanson.)
Harding Engineering Company. (See Harding, Dana E., assignor.)
Hardesty, Edwin C., Abernathy, Tex. Mousetrap. 1,621,981; Mar. 22.
Harding, Dana E., Arlington, assignor to Harding Engineering Company, East Boston, Mass. Checking machine. 1,621,982; Mar. 22.
Hardinge Brothers, Incorporated. (See Hardinge, Franklin, assignor.)
Hardinge, Franklin, assignor to Hardinge Brothers, Incorporated, Chicago, Ill. Oil burner. 1,621,537; Mar. 22.
Harper, Alexander and S. A., Dunedin, New Zealand. Aerial propeller. 1,621,983; Mar. 22.
Harper, George H., Chicago, Ill. Table-cover holder. 1,621,720; Mar. 22.
Harper, Stewart A. (See Harper, Alexander and S. A.)
Harris, George H. (See Adamson, Allan A., assignor.)
Harris, Hu M., assignor to Lucey Manufacturing Corporation of Tennessee, Chattanooga, Tenn. Engine. 1,622,225; Mar. 22.
Harris, William H., Richmond, Va. Badge. Des. 72,256; Mar. 22.
Harrison, James M., assignor of one-half to H. P. McCann, Cleveland, Ohio. Heating system. 1,621,881; Mar. 22.
Harrod, James N., Palo Alto, Calif. Bobbin rack. 1,622,107; Mar. 22.
Harshbarger, Franz S., assignor to Globe Machinery and Supply Company, Des Moines, Iowa. Combination truck and wagon dump. 1,621,779; Mar. 22.
Hartmann, Otto H., and A. Hermanuz, assignors to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshohe, Germany. Steam generator. 1,621,505; Mar. 22.
Hass, Carl H. (See Thornbrugh, Alvin, assignor.)
Hastings, Albert D. (See McIntyre, R. A., and Hastings.)
Hatch, Meredith R. (See Dorman, N. W., and Hatch.)
Hatfield, Percy W., assignor to Winship, Bolt & Co., Wakefield, Mass. Label-sewing machine. 1,621,837; Mar. 22.
Haultain, Herbert E. T., Toronto, Ontario, Canada. Apparatus for determining the specific gravity of ore pulp and the like. 1,621,535; Mar. 22.
Haunz, Charles F., Buffalo, N. Y. Cabinet for displaying and dispensing merchandise. Des. 72,257; Mar. 22.
Hawkins, Roe C., assignor to "H H" Manufacturers, Inc., Long Beach, Calif. Grouser. 1,622,111; Mar. 22.
Hawkinson, Axel W., assignor to Sidway Topliff Company, Washington, Pa. Baby walker. 1,622,108; Mar. 22.
Hawks, Edward A., Detroit, Mich. Bank-guard shield. 1,622,034; Mar. 22.
Hawley, George M. B., Geneva, N. Y. Automatic railway control. 1,621,838; Mar. 22.
Haworth, Jehu F., Edgeworth, Pa. Cable or wire clamp. 1,622,109; Mar. 22.
Haworth, Jehu F., Edgeworth, Pa. Cable or wire clamp 1,622,110; Mar. 22.
Hayden, George W., Oak Park, Ill. Variable condenser. 1,621,721; Mar. 22.
Hayden, George W., Oak Park, Ill. Electrostatic condenser. 1,621,722; Mar. 22.
Hayes, Frank A., Keyport, N. J., assignor to Healey-Aeromarine Bus Company, Inc. Universal joint. 1,621,667; Mar. 22.
Healey-Aeromarine Bus Company. (See Chilton, Roland, assignor.)
Healey-Aeromarine Bus Company. (See Hayes, Frank A., assignor.)
Healey-Aeromarine Bus Company. (See Zimmermann, F. G., and Korvin-Kroukovsky, assignors.)
Heany, John A., New Haven, Conn., assignor to World Bestos Corporation, Paterson, N. J. Winding machine. 1,621,723; Mar. 22.
Heeney, Joseph P., and J. G. Mitchell, Chicago, Ill. Bubbler head for fountains. 1,621,724; Mar. 22.
Heinrich, Jules. (See Vandergaw, E. B., and Heinrich.) Mar. 22.
Heitler, Steven, New York, N. Y. Heater. 1,621,668; Mar. 22.
Heldman, Max I. (See Minuth, Gustave W., assignor.)
Helios Corporation. (See Proksa, John, assignor.)
Heller, Hans E., Stockton, Calif. Jumbo for tunnel forms. 1,621,538; Mar. 22.
Heller, Israel E. (See Sackerman, M. G., and Heller.)
Hellwig, Emil C., Denver, Colo. System of motor control. 1,622,112; Mar. 22.
Hem, Halvor W., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,622,113; Mar. 22.
Hemingway, Marcus B., New Haven, Conn. Scuttle ladder. 1,621,539; Mar. 22.
Hendel, Richard, New London, Conn., assignor to E. W. Sutton Carpet Lining Corporation, Brooklyn, N. Y. Rug pad. 1,622,035; Mar. 22.
Hennessy, Daniel E., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Branding. 1,621,587; Mar. 22.
Henry, William T., Lake Charles, La. Mirror. 1,622,114; Mar. 22.
Hermanuz, Alfred. (See Hartmann, O. H., and Hermanuz.)
Hickman, William A., West Mystic, Conn. Boat. 1,621,839; Mar. 22.
Highland Body Manufacturing Company, The. (See Morrison, James, assignor.)
Hile, Harlan E., Latrobe, Pa. Plumber's acid can. 1,621,540; Mar. 22.
Hills, Henry A., Grand Rapids, Mich. Filtering material and preparation thereof. 1,621,725; Mar. 22.
Hinman, Scott. (See Taylor, Arthur E., assignor.)
Hintz, Leroy F., Chicago, Ill. Tool for tensioning and twisting wires. 1,621,588; Mar. 22.
Hirsh, Joseph E., Brooklyn, and A. D. Robson, assignors to Standard Varnish Works, New York, N. Y. Method and composition for polishing surfaces composed of cellulose ester compositioons. 1,621,780; Mar. 22.
Hodgson, Harriette E., New York, N. Y. Steering-wheel reminder. 1,621,882; Mar. 22.
Hodgson, Harriette E., New York, N. Y. Antiskid device. 1,621,883; Mar. 22.
Hofmann, William F., Brooklyn, N. Y., assignor to H. L. Judd Co., Inc., Wallingford, Conn. Pole end. Des. 72,258; Mar. 22.
Hoge, Smith A., Rices Landing, Pa. Duplex control switch. 1,621,781; Mar. 22.
Hokanson, Otto A., and James F. Koca, assignors to Woodstock Typewriter Company, Woodstock, Ill. Case-shift mechanism for typewriters. 1,621,726; Mar. 22.
Hollenberg, Ralph W. (See Rabjohn, L. E., and Hollenberg.)
Holliday, Robert L., assignor to Industrial Spray-Drying Corporation, New York, N. Y. Manufacture of a finely-divided dry soap product. 1,621,506; Mar. 22.
Holmes, Benjamin, assignor to Morrell Mills, Inc., Philadelphia, Pa. Textile Fabric. Des. 72,259; Mar. 22.
Holmes, Benjamin, assignor to Morrell Mills, Inc., Philadelphia, Pa. Textile fabric. Des. 72,260; Mar. 22.
Holman, R. C., et al. (See Owens, John G., assignor.)
Holt, Thomas W., assignor to Curtain Supply Company, Elkhart, Ind. Sash guide. 1,621,507; Mar. 22.
Holt, Thomas W., assignor to Curtain Supply Company, Elkhart, Ind. Sash guide. 1,621,508; Mar. 22.
Hontz, Harry E., assignor to Rex Products Co., Inc., Los Angeles, Calif. Cream depositor for hand-roll centers for candies. 1,622,115; Mar. 22.
Hope, Alfred, New York, N. Y. Egg holder. 1,622,143; Mar. 22.
Hopkins, Alfred, Allston, assignor to Hopkins Manufacturing Co., Boston, Mass. Pressing arm. 1,622,195; Mar. 22.
Hopkins Corporation. (See Hopkins, Marcus C., assignor.)
Hopkins, Ellis W., Oberlin, Kans. Corn nubbiner. 1,621,928; Mar. 22.
Hopkins, Harry A., Taft, Calif. Apparatus for treating crude oils. 1,621,782; Mar. 22.
Hopkins Manufacturing Co. (See Hopkins, Alfred, assignor.)
Hopkins, Marcus C., Washington, D. C., assignor to Hopkins Corporation, Jersey City, N. J. Loud speaker. Des. 72,261; Mar. 22.
Hopkins, Marcus C., Washington, D. C., assignor to Hopkins Corporation, Jersey City, N. J. Loud speaker. Des. 72,262; Mar. 22.
Hopkins, Matthew S., Reading, and N. Underwood Swarthmore, assignors to Charles Eneu Johnson and Company, Philadelphia, Pa. Ink and making the same. 1,621,541; Mar. 22.
Hopkins, Matthew S., Reading, and N. Underwood, Swarthmore, assignors to Charles Eneu Johnson and Company, Philadelphia, Pa. Intaglio ink. 1,621,542; Mar. 22.

Hopkins, Matthew S., Reading, and N. Underwood, Swarthmore, assignors to Charles Eneu Johnson and Company, Philadelphia, Pa. Printing ink. 1,621,543; Mar. 22.
Horsfield, Walter R., Selly Oak, Birmingham, assignor to Morland and Impey, Limited, Northfield, Birmingham, England. Loose-leaf book or binder. 1,621,783; Mar. 22.
Horton, George T., Chicago, Ill. Gas holder. 1,621,929; Mar. 22.
Horton, George T., Chicago, Ill. Gas holder. 1,621,984; Mar. 22.
Howell, Bernard C., assignor to Henry Howell & Company Limited, London, England. Smoker's companion. 1,622,196; Mar. 22.
Howell, Henry, & Company Limited. (See Howell, Bernard C., assignor.)
Hoy, Henry W. S., Dunedin Otago, New Zealand. Collapsible chair for infants. 1,621,930; Mar. 22.
Hoyoss, Hokon, Chicago, Ill. Hydraulic engine. 1,621,840; Mar. 22.
Hull, Samuel P., Yonkers, N. Y. Front rod. 1,621,884; Mar. 22.
Humason, Granville A., Houston, Tex., and C. G. Lambert, Sherveport, La., assignors of one-third to J. A. Logan, Harris County, Tex. Oil vaporizer and burner. 1,621,509; Mar. 22.
Humphris, Frank, Parkstone, assignor of one-half to K. A. Roberts, London, England. Machine for manufacturing nails or other articles from sheet or strip metal or material. 1,622,144; Mar. 22.
Hunkins, William S., Hollywood, Calif. Tab end. 1,621,589; Mar. 22.
Hunt, John H. (See Kettering, C. F., and Hunt.)
Hunt, John H., assignor to General Motors Research Corporation, Dayton, Ohio. Generator-regulating apparatus. 1,622,145; Mar. 22.
Huron Manufacturing Co. (See Elstone, Stanley W., assignor.)
Hurt, William P., et al. (See Jones, Henry R., assignor.)
Hutchens, Ralph W., assignor to Gillette Rubber Company, Eau Claire, Wis. Tire or similar article. Des. 72,263; Mar. 22.
Hyle, Jacob A., Atlantic City, N. J., and N. H. Scott, Philadelphia, Pa., assignors to Continental Railway Supply Corporation. Rail anchor for railways. 1,622,036; Mar. 22.
I. G. Farbenindustrie Aktiengesellschaft. (See Pistor, Gustav, assignor.)
Indiana Canning Machinery Company. (See Lindley, Stacey B., assignor.)
Industrial Spray-Drying Corporation. (See Holliday, Robert L., assignor.)
Industriebedarf G. m. b. H. (See Mertens, Robert, assignor.)
Ingersoll-Rand Company. (See Longacre, Frederick van D., assignor.)
Ingold, Ernest A., assignor to W. & C. Pantin, London, England. Clutch mechanism particularly applicable to wire twisting or tying machines. 1,622,146; Mar. 22.
International Motor Company. (See Masury, Alfred F., assignor.)
Irwin Auger Bit Company, The. (See Robinson, Charles B., assignor.)
Jackson, Philip A., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 1,621,985; Mar. 22.
Jackson, Philip A., Atlanta, Ga., assignor to The Egry Register Company, Dayton, Ohio. Automatic register. 1,622,147; Mar. 22.
Jackson, Philip A., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 1,622,148; Mar. 22.
James Manufacturing Company. (See Stader, O., and Olson, assignors.)
Jaspert, William B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Molding gears. 1,622,116; Mar. 22.
Jeffrey Manufacturing Company, The. (See Liggett, William K., assignor.)
Jenkins, Earl R., New York, N. Y. Whirligig. 1,621,784; Mar. 22.
Jenkins, Samuel B., West Barnstable, assignor to H. N. Sweet, Boston, Mass. Berry-picking machine. 1,622,117; Mar. 22.
Jenks, Abbott B. (See Coates, S. D., Davis, and Jenks.)
Jessen, Charles C., assignor to Atlas Powder Company, Wilmington, Del. Manufacture of artificial silk. 1,621,590; Mar. 22.
Johns, George M., Rockdale, Tex. Retort. 1,621,785; Mar. 22.
Johns, Lee, Miami, Fla. Fish hook. 1,622,118; Mar. 22.
Johnson, Charles Eneu, and Company. (See Hopkins, M. S., and Underwood, assignors.)
Johnson, Clarence G., Detroit, Mich. Garage door and operating mechanism therefor. 1,621,669; Mar. 22.
Johnson, Earl R., Chicago, Ill. Frame for flexible sheet material. 1,621,727; Mar. 22.
Johnson, George T., and H. W. Stertzbach, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Cast car-truck side frame. 1,621,786; Mar. 22.
Johnson, Martin E., Tillamook, Oreg. Desk-sanding machine. 1,621,931; Mar. 22.
Johnson, Walter B., Breckenridge, Tex. Shoe-shining cabinet. 1,621,787; Mar. 22.
Johnston, Clarence S., Glendive, Mont., assignor to The United Rim Company, Minneapolis, Minn. Vehicle wheel. 1,621,932; Mar. 22.
Johnston, Robert C., and J. R. Estey, Vancouver, British Columbia, Canada. Camp bed. 1,621,841; Mar. 22.
Jokel, Franz, assignor to Carl Lindstrom Aktiengesellschaft, Berlin, Germany. Sound-box diaphragm for use in telephones, lond speakers, acoustic apparatus, and the like. 1,621,670; Mar. 22.
Jones, Alfred L. (See Thomson, C. H., Cummiskey, Miller, and Jones.)
Jones, Burrell L., Oakland, Calif. Wall bed. 1,621,885; Mar. 22.
Jones, Byron Q., Washington, D. C. Diaphragm muffler. 1,622,150; Mar. 22.
Jones, Francis J. S., Porthcawl, South Wales. Liquid-fuel-supply arrangement for internal-combustion engines. 1,621,933; Mar. 22.
Jones, Henry R., assignor of one-third to W. P. Hurt and one-third to N. Sale, Bedford, Va. Internal-combustion engine. 1,621,634; Mar. 22.
Jordan, Eugène, Franconville, assignor to Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude), Paris, France. Tray for gas and liquid contact apparatus. 1,621,728; Mar. 22.
Joyce, Roy E., Montebello, Calif. Pressure regulator. 1,622,151; Mar. 22.
Judd, H. L. Co. (See Dlouhy, August, assignor.)
Judd, H. L. Co. (See Hofmann, William F., assignor.)
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Heater. Des. 72,264; Mar. 22.
Kahn, Marcus, Brooklyn, N. Y. Collar. 1,622,037; Mar. 22.
Kaiser, William H., Harborcreek township, Pa., assignor to American Meter Company, New York, N. Y. Meter connection. 1,621,986; Mar. 22.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Combination switch. 1,621,729; Mar. 22.
Kantenwein, Oscar E. (See Burner, W. L., and Kantenwein.)
Kasantzeff, Florentin, Berlin, Germany. Air brake for railways. 1,621,987; Mar. 22.
Kasper, Michael, Cleveland, Ohio. Soft-collar clasp. 1,621,730; Mar. 22.
Katzman, Max. (See Martin, Alphonse, assignor.)
Kauch, Robert. (See Paulus, C. L., and Kauch.)
Keane, Francis B. (See Papst, Hermann, assignor.)
Keaton, Theodore P., Pearson, Ga. Turpentine-gathering apparatus. 1,622,119; Mar. 22.
Keeler, Albert E., Jasper Park, Alberta, Canada. Child's toy. 1,622,198; Mar. 22.
Keen, William H., Albany, N. Y. Alloy steel. 1,621,886; Mar. 22.
Keenan, Charles J., Piedmont, E. P. Kennedy, San Francisco, and G. H. Kirsch, Larkspur, Calif., assignors to Alaska Pulp and Paper Company. Pulp-forming machine. 1,621,671; Mar. 22.
Keezer, Lillian M., and F. A. Osgood, Boston, Mass.; said Osgood assignor to said Keezer. Knife sharpener. 1,622,197; Mar. 22.
Keith, Charles W., Denver, Colo. Ensilage cutter. 1,621,510; Mar. 22.
Keller, Walter D. (See Yanney, G. W., and Keller.)
Kellner, Gustav A. H., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projecting system for cinematographs. 1,621,741; Mar. 22.
Kellogg Switchboard and Supply Company. (See Kaisling, William, assignor.)
Kelly, William M., Westfield, N. J. Sheet-feeding mechanism. 1,621,788; Mar. 22.
Kelty, Charles C., Poast Town, assignor of one-fourth to M. W. Renick, Middletown, Ohio. Rail clamp. 1,622,152; Mar. 22.
Kemp & Beatley, Inc. (See Kemp, Demetrius, assignor.)
Kemp, Demetrius, assignor to Kemp & Beatley, Inc., New York, N. Y. Bedspread. Des. 72,265; Mar. 22.
Kempien, August J., St. Paul, Minn. Foul indicator for bowling alleys. 1,621,511; Mar. 22.
Kennedy, Eugene P. (See Kennan, C. J., Kennedy, and Kirsch.)
Kennedy, Ralph M., Philadelphia, Pa. Power saw. 1,622,237; Mar. 22.
Kent, Dolores W., San Francisco, and M. C. Gale, Oakland, Calif. Manicure set. 1,621,789; Mar. 22.
Keough, W. E., Company. (See Eklund, K., and Loeck, assignors.)
Kerr, William J., Smethport, Pa. Spinning toy. 1,622,199; Mar. 22.
Kerrigan, Edward L., Arlington, and W. J. Murphy, West Roxbury, Mass. Elevator-gate-operating mechanism. 1,621,887; Mar. 22.
Kessler, Armin G., assignor to Farrel Foundry and Machine Co., Inc., Buffalo, N. Y. Fluid-circulating plate. 1,621,742; Mar. 22.
Kettering, Charles F., and J. H. Hunt, assignors to General Motors Research Corporation, Dayton, Ohio. Electrical system for motor vehicles. 1,622,153; Mar. 22.
Kettering, Charles F., and J. H. Hunt, assignors to General Motors Research Corporation, Dayton, Ohio. Electrical system for automotive vehicles. 1,622,154; Mar. 22.

Kindrat, Metro J., and H. Zatzerkowny, Detroit, Mich. Newspaper-dispensing machine. 1,622,262; Mar. 22.
King, John C., Dalby, Australia. Overhead railway system. 1,621,790; Mar. 22.
King, John C., Lumber Company, The. (See Fulton, James O., assignor.)
Kintner, Alcuin E., Painsville, Ohio. Locking device. 1,621,934; Mar. 22.
Kirch, Charles, Pasadena, Calif. Safety device and bumper. 1,621,635; Mar. 22.
Kirsch, George H. (See Keenan, C. J., Kennedy, and Kirsch.)
Kirschbraun, Lester, Chicago, Ill. Making waterproof composition and product produced thereby. 1,621,791; Mar. 22.
Kirschbraun, Lester, Chicago, Ill. Making paper. 1,621,888; Mar. 22.
Kistler, Anna, Roseland, Nebr. Brooder. 1,621,544; Mar. 22.
Klanecky, Henry, Sargent, Nebr. Governor. 1,621,545; Mar. 22.
Klasing, Augustus F., Chicago, Ill., assignor to The Klasing Car Brake Company. Brake-operating apparatus. 1,621,842; Mar. 22.
Klasing, Augustus F., Chicago, Ill., assignor to The Klasing Car Brake Company. Brake mechanism. 1,621,843; Mar. 22.
Klasing, Augustus F., Chicago, Ill., assignor to The Klasing Car Brake Company. Car brake. 1,621,844; Mar. 22.
Klasing Car Brake Company, The. (See Klasing, Augustus F., assignor.)
Klein, Fred E., Cincinnati, Ohio. Check-room appliance. 1,621,792; Mar. 22.
Kluge, Abel and E., assignors to Brandtjen and Kluge, Inc., St. Paul, Minn. Sheet-delivery mechanism. 1,621,546; Mar. 22.
Kluge, Abel and E., assignors to Brandtjen and Kluge, Inc., St. Paul, Minn. Sheet-delivering device. 1,621,547; Mar. 22.
Kluge, Enevnl. (See Kluge, Abel and E.)
Koblolke, Adolph M., Gilderoy, via Garra Junction, Victoria, Australia. Vacuum-producing apparatus. 1,622,155; Mar. 22.
Koca, James F. (See Hokanson, O. A., and Koca.)
Koch, Henry, Jamaica, N. Y., assignor to Dictograph Products Corporation. Loud-speaking telephone receiver. 1,621,845; Mar. 22.
Koehn, John H., Atkins, Iowa. Rope cutter. 1,621,672; Mar. 22.
Koppel Industrial Car and Equipment Company. (See Burner, W. L., and Kantenwein, assignors.)
Kornahrens, John N., Summerville, S. C. Game. 1,622,156; Mar. 22.
Koro Electric Corporation. (See Kotchi, Charles J., assignor.)
Korvin-Kroukovsky, Boris V. (See Zimmermann, P. G., and Korvin-Kroukovsky.)
Kotchi, Charles J., assignor to Koro Electric Corporation, Chicago, Ill. Holder for electric-welding electrodes. 1,621,512; Mar. 22.
Krentler-Arnold Hinge Last Company. (See Krentler, Walter A., assignor.)
Krentler, Walter A., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Last. 1,621,988; Mar. 22.
Krentler, Walter A., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Last. 1,621,989; Mar. 22.
Kroedel, Robert, and C. F. Speidel, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing mechanism for cameras. 1,621,935; Mar. 22.
Kruger, Paul W., Attala County, Miss. Composition of matter for capping pulps in teeth and improvements in dental filling materials. 1,621,793; Mar. 22.
Kuhn, Max O., assignor to The Firestone Steel Products Company, Akron, Ohio. Riveting press. 1,622,248; Mar. 22.
Kuhns, Howard F., Allentown, Pa. Washing machine. 1,621,548; Mar. 22.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,621,591; Mar. 22.
Kyler, Albert H., Westminster, Md. Machine for boxing or casing cans. 1,621,743; Mar. 22.
La Brie, Ludger E., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake shoe. 1,621,794; Mar. 22.
Lambert, Charles G. (See Humason, G. A., and Lambert.)
Lampert, Henry H., Chicago, Ill. Adjustable shore. 1,622,038; Mar. 22.
Land, Charles H., Detroit, Mich. Tractor trailer. 1,621,592; Mar. 22.
Lane, George L., and W. E. Sykes, Marietta, Ohio. Well-drilling machine. 1,621,636; Mar. 22.
Langen, George H. (See Linden, C. E., and Langen.)
Lanphere, Clive W., New York, N. Y. Universal jimmy-proof automatic lock. 1,621,549; Mar. 22.
Larkin, James F., Los Angeles, Calif. Ball and seat valve. 1,621,889; Mar. 22.
Laughland, James V., Richmond, Ontario, Canada. Wheel attachment. 1,621,513; Mar. 22.
Law, Sanford S., Coraopolis, Pa. Overhead signal mirror. 1,622,157; Mar. 22.
Lawrence, Paul A., Grand Island, Nebr. Constant-pressure internal-combustion engine. 1,621,936; Mar. 22.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile fender. Des. 72,266; Mar. 22.
Lee, Frederick W., Owings Mills, Md. Apparatus for and method of reproducing sound. 1,622,039; Mar. 22.
Lee, Ralph L., assignor to Delco-Light Company, Dayton, Ohio. Motor. 1,621,937; Mar. 22.
Lehr, John, assignor to The Miller Rubber Company, Akron, Ohio. Rubber-sponge and making same. 1,621,550; Mar. 22.
Leighton, Alan, Washington, D. C., assignor to the Government and the people of the United States of America. Electrical interrupter. 1,621,673; Mar. 22.
Le Mare, Ernest B., assignor to Pilkington Brothers Limited, St. Helens, Lancaster, England. Process of and apparatus for rolling glass. 1,622,040; Mar. 22.
Lengyel, Elizabeth, Cleveland, Ohio. Portière. Des. 72,267; Mar. 22.
Leute, Karl M., Detroit, Mich., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,622,226; Mar. 22.
Lewis, John E. (See Guarneri, Stephen J., assignor.)
Lewis, William H., New York, N. Y. Tobacco pipe. 1,621,890; Mar. 22.
Liberty, Joseph, Hartford, Conn. Geometrical instrument. 1,622,158; Mar. 22.
Lichterman, Charles, Pittstou, Pa. Washing machine. 1,622,227; Mar. 22.
Lidseen, Gustave, Chicago, Ill. Pump-feed oil can. 1,621,891; Mar. 22.
Liggett, William K., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Pulverizing machine. 1,621,938; Mar. 22.
Lile, Clarence, Granite City, Ill. Note holder as new article of manufacture. 1,621,892; Mar. 22.
Lindemann, A. J., & Hoversen Company. (See Rutenber, Edwin A., assignor.)
Linden, Carl E., and G. H. Langen, assignors to The Cincinnati Planer Company, Cincinnati, Ohio. Safety locking device for the shifting mechanism of metal planers. 1,622,159; Mar. 22.
Linder, Oscar B. (See Haglund, Axel, assignor.)
Lindley, Stacey B., assignor to Indiana Canning Machinery Company, Indianapolis, Ind. Grading table for vegetables and fruits. 1,621,744; Mar. 22.
Linn, Charles H., Oakland, Calif. Shock absorber and snubber combined. 1,622,200; Mar. 22.
Lipham, Harvey J., Creamery, Pa. Concrete railroad tie. 1,622,259; Mar. 22.
Lippert, Leo H., Brookings, S. Dak., and R. Bergeson, Chicago, Ill. Automatic pencil. 1,621,990; Mar. 22.
Little, Daniel G., Hartley, Iowa. Portable lifter for beehives. 1,622,201; Mar. 22.
Loeck, Myrtle A. (See Eklund, K., and Loeck.)
Loepfe, Charles M., assignor to Cottonwood Fiber Company, St. Louis, Mo. Oil burner. 1,621,731; Mar. 22.
Logan, J. A. (See Humason, G. A., and Lambert, assignors.)
Lomax, John L., assignor of one-half to H. L. Oswald and C. Patton, Colorado Springs, Colo. Actuating device for wire-push-release cameras. 1,621,551; Mar. 22.
Longacre, Frederick van D., Yonkers, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Clearance unloader. 1,621,913; Mar. 22.
Loose Seat Valve Company. (See Wilson, Wylie G., assignor.)
Lorber, Charles, Louisville, Ky. Key case. 1,621,795; Mar. 22.
Lorber, Charles, Louisville, Ky. Key holder. 1,621,796; Mar. 22.
Lorber, Charles, Louisville, Ky. Key case. 1,621,797; Mar. 22.
Louisot, Felix, assignor to Vacuum Pulp Products Corporation, New York, N. Y. Pulp-molding machine. 1,621,593; Mar. 22.
Lovell, Ralph L. (See Burlingham, W., and Lovell.)
Lovejoy, Ralph M., Meredith, N. H. Rotary valve mechanism for engines. 1,621,732; Mar. 22.
Lowe, John C., Minot, N. Dak. Meter-reading apparatus. 1,621,939; Mar. 22.
Lowe, R. W., et al. (See Boedker, Harry, assignor.)
Lowe, W. H., et al. (See Boedker, Harry, assignor.)
Lucas, Samuel M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 1,621,674; Mar. 22.
Lucey Manufacturing Corporation of Tennessee. (See Harris, Hu M., assignor.)
Ludlum Steel Co. (See Clement, Alvah W., assignor.)
Lynn, Craig, Butler, Ind. Motor-driven saw. 1,622,120; Mar. 22.
Maher, William J., Woonsocket, R. I. Presser member for flyer machines. 1,621,848; Mar. 22.
Mahoney, Frank J., Saticoy, Calif. Reversible-draft, individual-bin circulating apparatus. 1,621,594; Mar. 22.
Mallory Electric Corporation. (See Mallory, Marion, assignor.)
Mallory, Marion, assignor to Mallory Electric Corporation, Toledo, Ohio. Self-induction producer. 1,621,552; Mar. 22.

Mallouk, Salim N., Brooklyn, N. Y. Lace tray cover or the like. Des. 72,268; Mar. 22.
Mallouk, Salim N., Brooklyn, N. Y. Lace scarf or the like. Des. 72,269; Mar. 22.
Mallouk, Salim N., Brooklyn, N. Y. Lace scarf or the like. Des. 72,270; Mar. 22.
Mallouk, Salim N., Brooklyn, N. Y. Lace scarf or the like. Des. 72,271; Mar. 22.
Mallouk, Salim N., Brooklyn, N. Y. Lace scarf or the like. Des. 72,272; Mar. 22.
Mann, Oswald W., Montreal, Quebec, Canada. Table caster. 1,621,514; Mar. 22.
Maone, John, et al. (See Brown, W., and Morano, assignors.)
March, Carl, Chicago, Ill. Cap stone for porches. 1,621,799; Mar. 22.
Marczukowski, Aleksander, South Boston, Mass. Support for portières, curtains, and the like. 1,621,639; Mar. 22.
Marshall, Charles O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,622,041; Mar. 22.
Martin, Alphonse, assignor of fifty-one one-hundredths to M. Katzman, Ogdensburg, N. Y. Electric water heater. 1,621,800; Mar. 22.
Martley, Michael J., et al. (See Comerford, John J., assignor.)
Massacese, Vincenzo, New York, N. Y. Cushion-spring connection. 1,622,202; Mar. 22.
Massey, Juan C. M., Buenos Aires, Argentina. Motor vehicle. 1,621,942; Mar. 22.
Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Sectional vehicle body. 1,621,675; Mar. 22.
Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Cushion connection for vehicle construction. 1,621,676; Mar. 22.
Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Spring suspension. 1,621,677; Mar. 22.
Mattlet, Ernest, Brussels, assignor to Fabrique Nationale d'Armes de Guerre, Societe Anonyme, Herstal-lez-Liege, Belgium. Firing socket or cup for grenades. 1,622,160; Mar. 22.
May Hosiery Mills. (See Perry, Napoleon J., assignor.)
Mayer, Emil, Vienna, Austria. Device for determining photographic exposures. 1,621,991; Mar. 22.
Mayer, Robert A., Hales Corners, Wis. Automobile accessory. 1,621,849; Mar. 22.
Maywood Chemical Works. (See Weber, Friedrich W., assignor.)
McCann, Harry P. (See Harrison, James M., assignor.)
McComb, John E., Rouseville, Pa. Pumping rig. 1,621,940; Mar. 22.
McCord, Claude M., Richmond Heights, Mo. Bearing and bushing remover. 1,621,733; Mar. 22.
McCord, Claude M., Richmond Heights, Mo. Bearing race and bushing remover. 1,621,734; Mar. 22.
McCue, H. J., Company, The. (See McCue, Harry J., assignor.)
McCue, Harry J., Cleveland, Ohio, assignor to The H. J. McCue Company. Soda fountain. 1,621,846; Mar. 22.
McCutchen, James B., Bakersfield, Calif. Automatic door closing and locking means. 1,621,847; Mar. 22.
McDonald, Hugh F., Burlingame, Calif. Key guide. 1,621,637; Mar. 22.
McEldowney, Robert E., assignor to New Martinsville Glass Mfg. Co., New Martinsville, W. Va. Combination ash tray, matches support, and pipe rest. Des. 72,273; Mar. 22.
McFarland, Frederick J., Bremerton, Wash. Sheet-metal-cutting tool. 1,621,798; Mar. 22.
McGinn, Satolli F. (See Mooney, William, assignor.)
McGrew, Earl E., assignor to McGrew Machine Company, Lincoln, Nebr. Awning support. 1,621,941; Mar. 22.
McGrew Machine Company. (See McGrew, Earl E., assignor.)
McIntyre, Royal A., and A. D. Hastings, West Tulsa, Okla. Tank valve. 1,621,638; Mar. 22.
McKenna-Horix Manufacturing Company. (See Hallwood, Nathan A., assignor.)
Meissner, Alexander, Berlin, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany. Valve generator arrangement. 1,621,992; Mar. 22.
Menzemer, Harry E., and M. Cambre, Oakland, Calif. Banjo. 1,621,735; Mar. 22.
Merrick, Frank W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Leather-edge-finishing machine. 1,621,515; Mar. 22.
Mertens, Robert, Olpe, assignor to Industriebedarf G. m. b. H., Weidenau-Sieg, Germany. Linen boiler. 1,622,260; Mar. 22.
Mettetal, Raphael, Plymouth, Mich. Greenhouse or conservatory bench. 1,621,850; Mar. 22.
Meyer, John F. (See Scharil, John J., jr., assignor.)
Micheli, Anthony G. M., assignor to Crankless Engines (Aus) Proprietary Limited, Melbourne, Victoria, Australia. Air cooling of the cylinders and pistons and other working parts of internal-combustion engines, compressors, and the like. 1,621,943; Mar. 22.
Middleton, Frank L., Darien, Ga. Domestic steam-generating apparatus. 1,621,736; Mar. 22.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making organic lead compounds. 1,622,228; Mar. 22.
Midwest Cabinet Company, The. (See Burke, Edwin, assignor.)
Miles, Frederick J., and D. C. Thompson, assignors to Automotive Devices, Inc., Newark, N. J. Relay for electric systems. 1,622,042; Mar. 22.
Miller, Charles J. (See Thomson, C. H., Cummiskey, Miller, and Jones.)
Miller, Clyde M., Madison, Ind. Welding-rod holder. 1,621,745; Mar. 22.
Miller, Erwin E., Fullerton, Calif. Expansible packer for plungers. 1,622,043; Mar. 22.
Miller, John D., Newton, N. C. Collapsible tube closure. 1,621,801; Mar. 22.
Miller, John, jr., Beloit, Wis., assignor to Charles H. Besly and Company, Chicago, Ill. Grinding machine. 1,621,553; Mar. 22.
Miller, John T., and M. Hanley, Chicago, Ill. Circuit controller. 1,622,044; Mar. 22.
Miller, Max C., Cumberland Hill, R. I., assignor of two-thirds to R. H. Wyner, Boston, and one-third to H. T. Gammons, Natick, Mass. Feed mechanism for knitting machines. 1,622,249; Mar. 22.
Miller Rubber Company, The. (See Lehr, John, assignor.)
Miller, Thomas S., South Orange, N. J. Winding engine. 1,621,554; Mar. 22.
Miller, William J., Saginaw, Mich. Truck. 1,621,555; Mar. 22.
Mills, John A., Lancaster, Tex. Agricultural implement. 1,621,993; Mar. 22.
Milmoe, Michael J., assignor to F. B. Redington Company, Chicago, Ill. Folding and filling mechanism for wrapping machines. 1,621,516; Mar. 22.
Mincher, Joseph F., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Vulcanizing apparatus. 1,621,595; Mar. 22.
Miner, W. H., Inc. (See O'Connor, John F., assignor.)
Minich, Frank W., Port Washington, N. Y. Tilting-sash window. 1,621,851; Mar. 22.
Minnier, Blythe J., and C. A. Campbell, Watertown, N. Y., said Campbell assignor to The New York Air Brake Company. Triple valve. 1,621,944; Mar. 22.
Minuth, Gustave W., assignor to M. I. Heldman, Chicago, Ill. Vacuum cleaner. 1,621,596; Mar. 22.
Mire, Joseph C., Baton Rouge, La. Pneumatic-tire armor. 1,622,161; Mar. 22.
Mitchell, John, and J. C. G. Cossey, London, England. Removable bolt head. 1,621,162; Mar. 22.
Mitchell, John G. (See Heeney, J. P., and Mitchell.)
Mitchell, Julius, Cleveland, Ohio. Pencil. 1,621,945; Mar. 22.
Mitnick, Jacob J., and J. L. Silverstine, Chicago, Ill. Hub cap. 1,621,556; Mar. 22.
Mohun, John L., Omaha, Nebr. Dust guard for the journal boxes of railway cars. 1,621,893; Mar. 22.
Mooney, William, assignor of one-half to S. F. McGinn, Waterloo, Iowa. Combination heating apparatus. 1,621,640; Mar. 22.
Moore, John, Berkeley, Calif. Toilet-flushing means. 1,621,737; Mar. 22.
Moore, John L., Alexandria, Minn. Oar lock. 1,621,946; Mar. 22.
Moore, Harold J., assignor to The Russell Manufacturing Company, Middletown, Conn. Fabric. 1,622,250; Mar. 22.
Moore, William N., Abilene, Tex. Casing puller. 1,621,947; Mar. 22.
Morano, Sam. (See Brown, W., and Morano.)
Morgan, Evor P., et al. (See Anthony, Daniel L., assignor.)
Morland and Impey, Limited. (See Horsfield, Walter R., assignor.)
Morrell Mills, Inc. (See Holmes, Benjamin, assignor.)
Morris, Jolly L., Crafton, and C. H. Allen, Pittsburgh, assignors of one-half to W. F., R. H., and E. B. Fried, Pittsburgh, Pa. Sausage-twisting machine. 1,621,994; Mar. 22.
Morrison, James, assignor to The Highland Body Manufacturing Company, Cincinnati, Ohio. Vehicle body door. 1,621,802; Mar. 22.
Morrison, Montford, New York, N. Y. X-ray tube. 1,621,852; Mar. 22.
Morse, Lawrence H., assignor to The American Multigraph Company, Cleveland, Ohio. Paper-feeding mechanism. 1,621,678; Mar. 22.
Morten, Louis G., Jersey City, N. J. Tennis racket. 1,621,746; Mar. 22.
Moscovitz, Samuel H., New Haven, Conn. Clock-spring support. 1,621,894; Mar. 22.
Moses, Edmund Q., New York, N. Y., G. E. Terwilliger, deceased (L. E. M. Terwilliger, executrix), Newark, and W. P. Hammond, Passaic, N. J. Indicating device. 1,621,995; Mar. 22.
Motherwell, Joseph W., Melrose, and H. S. Baker, Arlington, assignors to The Ashton Valve Company, Cambridge, Mass. Retard device. 1,621,738; Mar. 22.
Mott, Carl W., Rock Falls, assignor to The Rich Manufacturing Company, Sterling, Ill. Animal toy. 1,621,803; Mar. 22.

Mould, James A., assignor to Evinrude Motor Company, Milwaukee, Wis. Antitilting lock for reversible outboard motors. 1,621,747; Mar. 22.
Mulligan, Francis M., Butte, Mont. Figure wheel walking toy. 1,621,996; Mar. 22.
Murdock, William, Deeth, Nev. Headgate. 1,621,748; Mar. 22.
Murphy, Fred K., and R. W. Retterer, Indianapolis, Ind. Fluid-operable lubricator and feeder for engines. 1,621,804; Mar. 22.
Murphy, Walter J. (See Kerrigan, E. L., and Murphy.)
Myers, Steve, Ruffsdale, Pa. Rail joint. 1,622,238; Mar. 22.
Naamlooze Vennootschap Machinerieen en Apparaten Fabrieken. (See Dannehl, Otto, assignor.)
Nagel-Chase Mfg. Co. (See Schultz, Edward, assignor.)
Napier, Charles H., Milwaukee, Wis. Oven grid. 1,621,895; Mar. 22.
Napier, D., & Son Limited. (See Napier, M. S., Wilkinson, and Tryon, assignors.)
Napier, George R., Cleveland, Ohio. Cleaning meat stuffers. 1,622,045; Mar. 22.
Napier, Montague S., Cannes, France, G. S. Wilkinson and H. C. Tryon, assignors to D. Napier & Son Limited, London, England. Locking device for adjustable rods, spindles, and the like. 1,622,203; Mar. 22.
Nasett, John I., Fergus Falls, Minn. Rest and holder for watch movements. 1,621,805; Mar. 22.
National Blank Book Company. (See Schade, John, assignor.)
National Manufacturing Company Inc. (See Ferris, Walton C., assignor.)
National Metal Molding Company. (See Calderwood, Hugh A., assignor.)
National Pole & Treating Company. (See Valentine, Robert D., assignor.)
National Supply Company, The. (See Wright, Clyde S., assignor.)
Nebel, Ernst O., Philadelphia, Pa. Stocking. Des. 72,302; Mar. 22.
Nelson, George W. (See Stewart, D. H., and Nelson.)
Nelson, Victor A., Portland, Oreg. Electric-arc-welding machine. 1,622,251; Mar. 22.
Neuteboom, Boudewijn B. (See Taylor, C. H., and Neuteboom.)
Nevius, James R., assignor to The De Laski & Thropp Circular Woven Tire Company, Trenton, N. J. Tire. Des. 72,274; Mar. 22.
New Idea Spreader Co. (See Oppenheim, T. H., and Selhorse, assignors.)
New Martinsville Glass Mfg. Co. (See McEldowney, Robert E., assignor.)
New York Air Brake Company, The. (See Minnier, B. J., and Campbell, assignors.)
Ney, Andrew F., East Kew, assignor to Bryant and May Proprietary Limited, Richmond, Australia. Match-box-filling machine. 1,621,948; Mar. 22.
Nicholson, Frank H., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 1,621,679; Mar. 22.
Niederhauser, Charles, Woodhaven, N. Y. Liquid-dispensing device. 1,622,163; Mar. 22.
Nigro, Gaetano, Thompsonville, Conn. Bumper for automobiles. 1,621,997; Mar. 22.
Nissen, Harry P., Oakland, Calif. Sleeve-holder fastener. 1,621,680; Mar. 22.
Norman, Andrew J., deceased, California, Pa.; K. I. Norman, executrix. Bank ledger. 1,621,806; Mar. 22.
Norman, Katie I., executrix. (See Norman, Andrew J.)
Norviel, Harry E., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Ignition apparatus. 1,622,164; Mar. 22.
Nuoto, Joseph, et al. (See Brown, W., and Morano, assignors.)
Nyquist, Harry, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company. Combined resonant shunt device for telegraph circuits. 1,621,557; Mar. 22.
O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock-absorbing mechanism. 1,621,517; Mar. 22.
Oliver, Jesse L., Beeville, Tex. Piston-ring-contracting tool. 1,621,681; Mar. 22.
Olson, John B. (See Stader, O., and Olson.)
Oppenheim, Theodore H., and B. Selhorst, assignors to New Idea Spreader Co., Coldwater, Ohio. Corn-husking machine. 1,621,682; Mar. 22.
Ormiston, Perley L., Portland, Oreg. Drawing apparatus. 1,622,229; Mar. 22.
Orton Crane and Shovel Company. (See Orton Philo A., assignor.)
Orton, Philo A., Chicago, Ill., assignor to Orton Crane and Shovel Company, Huntington, Ind. Dipper-operating mechanism for excavating machines. 1,622,239; Mar. 22.
Osgood, Fred A. (See Keezer, L. M., and Osgood.)
Osnos, Mendel, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Hallesches Ufer 12/13, Berlin, Germany. Arrangement for eliminating disturbing waves in radiofrequency circuits. 1,621,998; Mar. 22.
Oswald, Hermann L., et al. (See Lomax, John L., assignor.)
Ovenshire, Charles E., et al. (See Guenther, Bernard B., assignor.)
Overstrom, Gustave A., Pasadena, Calif. Vibrating screen. 1,621,949; Mar. 22.
Owens, John G., assignor of one-fourth to R. C. Holman, Barnwell, and one-fourth to J. I. Rice, Columbia, S. C. Hay remover and weigher for hay presses. 1,621,807; Mar. 22.
Pacent, Louis G. (See Decker, Frank A., assignor.)
Pade, Max H., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Device for testing inflatable articles. 1,622,252; Mar. 22.
Palacios, José, New York, N. Y. Latch. 1,621,808; Mar. 22.
Pantin, W. & C. (See Ingold, Ernest A., assignor.)
Papst, Hermann, Vienna, Austria, assignor, by mesne assignments, to F. B. Keane, Bridgeport, Conn. Magnet frame for electric machines with split poles. 1,622,204; Mar. 22.
Parafiector Company, The. (See Raynolds, John F., assignor.)
Parker, John, Richmond, Mich. Soil pulverizer. 1,621,739; Mar. 22.
Parsons, Charles J., Columbus, Ohio. Weatherproofing hardware. 1,622,046; Mar. 22.
Passaic Metal Ware Company. (See Aulbach, Charles J., assignor.)
Patton, Crafton, et al. (See Lomax, John L., assignor.)
Paulus, Charles L., and R. Kauch, Dayton, Ohio. Adjustable impulse generator. 1,622,121; Mar. 22.
Paulus, Charles L., Dayton, Ohio, and R. Kauch, U. S. Army, Camp Nichols, P. I. Fuselage for aircraft. 1,622,205; Mar. 22.
Pavola, Alfred, New York, N. Y. Window latch and guard. 1,621,740; Mar. 22.
Payne, Clarence Q., New York, N. Y. Electromagnetic clutch. 1,622,261; Mar. 22.
Pearson, John, Pullman, assignor to The Pullman Company, Chicago, Ill. Collapsible rack. 1,621,538; Mar. 22.
Peguero, José, Port Arthur, Tex. Apparatus for forming cakes. 1,621,896; Mar. 22.
Pellini, Joseph, Marseille, France. Electric cell with constant intensity. 1,621,518; Mar. 22.
Perfection Stove Company. (See Resek, Marc, assignor.)
Perkins, Albert G., Buffalo, N. Y. Pipe joint. 1,621,950; Mar. 22.
Perkins, Floyd R., Chicago, Ill. Golf club. 1,621,897; Mar. 22.
Perkins, Frederick E., St. Paul, Minn. Rolling fire door. 1,621,951; Mar. 22.
Perry, Napoleon J., assignor to May Hosiery Mills, Nashville, Tenn. Auxiliary take-up for knitting machines. 1,621,559; Mar. 22.
Pershad, Raja K., Hyderabad, Deccan, India. Direction indicator. 1,621,597; Mar. 22.
Petersen, Emil, Hamilton Beach, assignor of one-half to E. A. Pulaski, New York, N. Y. Mooring device. 1,621,809; Mar. 22.
Pettis, Clifton D., New York, N. Y. Casting mold. 1,622,047; Mar. 22.
Phelps, A. Fred. (See Austin, E. F., and Phelps.)
Phillips, John H., Chicago, Ill. Expansion-anchor-shell drill. 1,621,598; Mar. 22.
Phillips, Walter L. (See Couchman, A., and Phillips.)
Phillips, Walter L. (See Couchman, A., Drinkhahn, and Phillips.)
Phonograph Company, The. (See Seabolt, Frank J., assignor.)
Pickett, Michael J., Cleveland, Ohio. Plate for printing upon tin and the like. 1,621,952; Mar. 22.
Pierce, George L., Brooklyn, N. Y. Playing ball. 1,621,899; Mar. 22.
Pierce, George L., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Playing ball. 1,621,898; Mar. 22.
Pierce, John D., Chicago, Ill., assignor to Combination Woodworking Machine Co., Chicago, Ill. Combination woodworking machine. 1,621,999; Mar. 22.
Pierson, Robert M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making an annular laminated diskilke element. 1,622,048; Mar. 22.
Pilkington Brothers Limited. (See Le Mare, Ernest B., assignor.)
Pistor, Gustav, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort, Germany. Production of phosphorus pentoxide. 1,622,206; Mar. 22.
Pittsburgh Transformer Company. (See Edwards, Donald V., assignor.)
Pogue, George D., Mount Vernon, N. Y. Pipe-line system. 1,621,683; Mar. 22.
Poillon, George W., Tarrytown, N. Y. Storage battery. 1,622,230; Mar. 22.
Pooler, Orril Z., East Orange, N. J. Candy confection. Des. 72,275; Mar. 22.
Porter, Vernon C. (See Sortelle, E., and Porter.)
Powell, James A., Reading, Pa. Water-heating system. 1,621,853; Mar. 22.
Powell, John, Kokomo, Ind. Husking unit. 1,622,207; Mar. 22.
Pressed Steel Car Company. (See Frelin, Carl G., assignor.)
Pressed Steel Car Company. (See Winell, Karl O., assignor.)
Pretat, Frederick E., Waterville, Conn. Toilet brush. 1,621,900; Mar. 22.

Priess, William H., Montclair, N. J., assignor to Wireless Specialty Apparatus Company, Boston, Mass. Electrical apparatus. 1,621,901; Mar. 22.
Proctor & Schwartz, Incorporated. (See Rhoads, Thomas H., assignor.)
Proksa, John, assignor to Helios Corporation, Chicago, Ill. Projecting apparatus. 1,621,599; Mar. 22.
Pruger, Raoul, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Bearing. 1,621,751; Mar. 22.
Pulaski, Edward A. (See Petersen, Emil, assignor.)
Pullman Company, The. (See Pearson, John, assignor.)
Putt, Edward D., and H. D. Stevens, assignors to The Firestone Tire and Rubber Company, Akron, Ohio. Machine for cutting fan belts or the like. 1,622,253; Mar. 22.
Quait, Robert, jr., Brooklyn, assignor of one-half to J. M. Ehrlich, New York, N. Y. Duplicate sound record and making the same. 1,621,749; Mar. 22.
Quarzlampen-Gesellschaft mit beschränkter Haftung. (See Girard, Fritz, assignor.)
Questel, William L., and H. M. Rhind, assignors to The Hugh Rhind Golf Shaft Company, Portsmouth, Ohio. Golf club. 1,621,750; Mar. 22.
Rabe, Paul, Leverkusen, near Cologne-on-the-Rhine, Germany, assignor, by mesne assignments, to Grasselli Dyestuff Corporation, New York, N. Y. Dyeing. 1,622,122; Mar. 22.
Rabjohn, Lloyd E., Burlingame, and R. W. Hollenberg, Alameda, Calif. Water filter. 1,621,684; Mar. 22.
Rademacher, Broer G., Burr, Nebr. Wagon-box support. 1,621,685; Mar. 22.
Radio Corporation of America. (See Goldsmith, A. N., and Weinberger, assignors.)
Radio Corporation of America. (See Round, Henry J., assignor.)
Ramsey, Clifford H., Glen Rock, N. J. Tentering machine. 1,622,049; Mar. 22.
Rand, Charles H., Cheyenne, Wyo. Implement tongue. 1,622,231; Mar. 22.
Rapid Addressing Machine Company. (See Geiger, Edwin A., assignor.)
Raschick, Charles T., St. Paul, Minn. Check calculator. 1,621,686; Mar. 22.
Raschick, Charles T., St. Paul, Minn. Bottle cover and cap remover. 1,621,902; Mar. 22.
Ray, Thomas S., Charleston, W. Va. Track extension. 1,621,687; Mar. 22.
Raynolds, John F., assignor to The Parafiector Company, Minneapolis, Minn. Headlight reflector. 1,621,752; Mar. 22.
Redington, F. B., Company. (See Milmoe, Michael J., assignor.)
Redman, Charles H., East Orange, N. J., assignor to H. Boker & Co. Inc., New York, N. Y. Guard for hair clippers. 1,621,641; Mar. 22.
Regal Shoe Company. (See Bliss, Elmer J., assignor.)
Regenbogen, Conrad, Kiel, assignor to Fried. Krupp Aktiengesellschaft Germaniawerft, Kiel-Gaarden, Germany. Cooling arrangement for internal-combustion engines. 1,621,560; Mar. 22.
Reichel, Hans, Brunswick, Germany. Hand stamp. Des. 72,276; Mar. 22.
Reid, William L., Lima, Ohio. Locomotive steam pipes. 1,621,600; Mar. 22.
Renard, Ferdinand. (See Renard, Pierre, and F.)
Renard, Pierre and F., assignors to Société Renard Frere et Fils, Nonancourt, France. Power loom for carpets. 1,622,123; Mar. 22.
Renick, Morris W. (See Kelty, Charles C., assignor.)
Renzulli, Francesco, Newark, N. J. Vehicle bumper. 1,622,050; Mar. 22.
Resek, Marc, East Cleveland, Ohio, assignor to Perfection Stove Company, Cleveland, Ohio. Thermostatically-controlled water-heating system. 1,621,601; Mar. 22.
Retterer, Ray W. (See Murphy, F. K., and Retterer.)
Rex Products Co. (See Hontz, Harry E., assignor.)
Rhind, Hugh, Golf Shaft Company, The. (See Questel, W. L., and Rhind, assignors.)
Rhind, Hugh M. (See Questel, W. L., and Rhind.)
Rhoads, Thomas H., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Drying tank blocks. 1,622,051; Mar. 22.
Rice, Charles M., St. Louis, Mo. Identifying tag. 1,621,810; Mar. 22.
Rice, John L., et al. (See Owens, John G., assignor.)
Rich Manufacturing Company, The. (See Mott, Carl W., assignor.)
Richard, Clement C. (See Richard, Otis K. and C. C.)
Richard, Otis K. and C. C., Detroit, Mich. Punch and die retainer. 1,621,811; Mar. 22.
Richmond Piston Ring Co. (See Booker, Richard A., assignor.)
Rickets, William J., Crofton Park, England. Electrical condenser. 1,622,052; Mar. 22.
Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Blank-preparing apparatus. 1,621,602; Mar. 22.
Riedel, I. D., A. G. (See Boedecker, Friedrich, assignor.)
Ritter, George, Perth Amboy, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Automatic winding and measuring machine. 1,622,254; Mar. 22.
Roberts, Kenneth A. (See Humphris, Frank, assignor.)
Roberts, Thomas F., Peckham, London, England. Control of aeroplanes and the like. 1,622,208; Mar. 22.
Robins Conveying Belt Company. (See Tuite, F. J., and Dodge, assignors.)
Robinson, Charles B., assignor to The Irwin Auger Bit Company, Wilmington, Ohio. Boring and reaming tool. 1,622,209; Mar. 22.
Robinson, Edward P., Mount Vernon, N. Y. Automobile sander. 1,622,165; Mar. 22.
Robson, Arthur D. (See Hirsh, J. E., and Robson.)
Rockwood Sprinkler Company. (See Carlson, Hjalmar G., assignor.)
Rohlin, Karl W. (See Fitts, J. L., and Rohlin.)
Romanoff, William N., Chicago, Ill. Necktie. 1,621,753; Mar. 22.
Rommel, Ethel B. (See Rommel, Louis, assignor.)
Rommel, Louis, assignor to E. B. Rommel, Newark, N. J. Combined card and display sign. 1,621,754; Mar. 22.
Rosine, Conrad, Chicago, Ill. Adjustable fan. 1,621,603; Mar. 22.
Ross, Joseph, New Albany, Ind. Drill-hole reamer. 1,621,812; Mar. 22.
Rossiter, Wayne F., Vallejo, Calif. Pistol grip for cameras. 1,621,903; Mar. 22.
Round, Henry J., London, England, assignor to Radio Corporation of America. Wireless-telegraph receiving system. 1,622,000; Mar. 22.
Rounds, Washington G., Woodstock, Canada. Cutting or trimming device. 1,622,053; Mar. 22.
Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Fusible link. 1,622,054; Mar. 22.
Roy, Edmond J., New York, N. Y. Moving-picture machine. 1,621,953; Mar. 22.
Ruckelshaus, John G., Newark, N. J. Magnetic motor. 1,622,255; Mar. 22.
Rudolph Wurlitzer Manufacturing Company, The. (See Deverall, Charles N., assignor.)
Ruggles, Horace F., Brooklyn, N. Y. Sling hook. 1,621,604; Mar. 22.
Rukop, Hans, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany. Circuit arrangement for generating electrical oscillations. 1,622,001; Mar. 22.
Rushmore, Samuel W., Plainfield, N. J. Engine-cooling system. 1,621,755; Mar. 22.
Russell, David M., and J. H. Shley, Chicago, Ill. Egg crate. 1,621,904; Mar. 22.
Russell, George H., Florence, Ala. Dispensing stand. 1,621,905; Mar. 22.
Russell Manufacturing Company, The. (See Moore, Harold J., assignor.)
Russell, Thomas N., assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Uncoupling device for couplings. 1,622,055; Mar. 22.
Russell, Thomas N., assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Car roof. 1,622,056; Mar. 22.
Rutenber, Edwin A., assignor to A. J. Lindemann & Hoversen Company, Milwaukee, Wis. Timer for electrically-operated devices. 1,622,002; Mar. 22.
Rystedt, Ingemar K., Dayton, Ohio, assignor of one-fourth to G. K. Ander and one-fourth to A. H. Dunham. Depository advertising cabinet or the like. 1,622,210; Mar. 22.
Sabin, Alex., & Sons. (See Sabin, Milton, assignor.)
Sabin, Ernest E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for operating on parts of shoes. 1,621,519; Mar. 22.
Sabin, Milton, assignor to Alex. Sabin & Sons, New York, N. Y. Chain. 1,621,954; Mar. 22.
Sackerman, Milton G., and I. E. Heller, assignors to Eastman Machine Company, Buffalo, N. Y. Cloth-cutting machine. 1,619,605; Mar. 22.
St. John, Ancel, Brooklyn, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc. Method of and apparatus for radiographic examination. 1,622,149; Mar. 22.
Sale, Nelson, et al. (See Jones, Henry R., assignor.)
Saloun, Martin, Milwaukee, Wis. Bolt-locking means. 1,621,854; Mar. 22.
Sample, Milton B., Elizabeth City, N. C. Bean and pea harvester. 1,621,642; Mar. 22.
Sawford, Harold S., Brooklyn, N. Y. Screen for reducing secondary radiation from X rays. 1,621,813; Mar. 22.
Sawford, Harold S., Brooklyn, N. Y. X-ray screen. 1,621,814; Mar. 22.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. File container for loose-leaf sheets. 1,622,003; Mar. 22.
Scharff, John J., jr., Philadelphia, Pa., assignor to J. F. Meyer, jr., Chicago, Ill. Coin-controlled machine. 1,621,756; Mar. 22.
Schellens, Eugene L., Pointe Claire, Quebec, Canada, and J. S. Coffin, jr., Lisbon, N. H., assignors to C-S Engineering Company. Truck. 1,621,606; Mar. 22.
Schiffner, Joseph A., assignor of one-third to H. Shwartz and one-sixth to M. Witherwax, Denver, Colo. Flash light. 1,621,955; Mar. 22.
Schimmel, Fridolin, Faribault, Minn. Combination table and writing desk. 1,621,688; Mar. 22.
Schloss, Robert, Emporium, Pa. Cleansing compound. 1,621,906; Mar. 22.

Schmand, Albert F., Little Rock, Ark. Candy machine. 1,621,956; Mar. 22.
Schmidt, Ferdinand, Des Moines, Iowa. Dish or similar article. Des. 72,277; Mar. 22.
Schmidt, Ferdinand, Des Moines, Iowa. Meat platter or similar article. Des. 72,278; Mar. 22.
Schmidt, Ferdinand, Des Moines, Iowa. Teapot or similar article. Des. 72,279; Mar. 22.
Schmidt, Ferdinand, Des Moines, Iowa. Sugar bowl or similar article. Des. 72,280; Mar. 22.
Schmidt, Ferdinand, Des Moines, Iowa. Cup or similar article. Des. 72,281; Mar. 22.
Schmidt, Ferdinand, Des Moines, Iowa. Creamer or similar article. Des. 72,282; Mar. 22.
Schmidt, Ferdinand, Des Moines, Iowa. Gravy boat or similar article. Des. 72,283; Mar. 22.
Schmidt'sche Heissdampf-Gesellschaft m. b. H. (See Hartmann, O. H., and Hermanuz, assignors.)
Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Plate for automobile window-regulator handle or similar article. Des. 72,284; Mar. 22.
Schoeller, Alfred, Frankfort-on-the-Main, Germany. Electric cigar lighter. 1,622,263; Mar. 22.
Scott, Nervon H. (See Hyle, J. A., and Scott.)
Schueller, Casper E., Berkeley, Calif. Gyroscopic stabilizer. 1,621,815; Mar. 22.
Schuh, Anton, Vienna, Austria. Sealing means. 1,621,907; Mar 22.
Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Combined floor lamp and smoking stand. Des. 72,285; Mar. 22.
Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. Des. 72,286; Mar. 22.
Schultz, John M., Waukesha, Wis. Cleaning machine. 1,622,166; Mar. 22.
Schwagermann, William, Yonkers, N. Y., assignor to Ward Leonard Electric Company. Apparatus for controlling electric circuits. 1,622,004; Mar. 22.
Schweiter, Hans, Horgen, Switzerland. Measuring device for textile machinery incorporating a swift. 1,622,124; Mar. 22.
Schweizer, William H. Baltimore, Md. Building block. 1,621,957; Mar. 22.
Seabolt, Frank J., Schenectady, N. Y., assignor to The Phonograph Company. Phonograph. 1,622,005; Mar. 22.
Sears, Roebuck and Co. (See Fitch, Charles M., assignor.)
Sedgwick, Isham, Riverside, Calif. Three-wheeled tractor. 1,621,856; Mar. 22.
Secord, Frederick A., Portland, Me. Apparatus for drying. 1,621,855; Mar. 22.
Sellgman, Richard, Wimbledon, assignor to The Aluminium Plant and Vessel Company Limited, London, England. Heat-interchange apparatus. 1,622,006; Mar. 22.
Selhorst, Bernard. (See Oppenheim, T. H., and Selhorst.)
Sellaro, Sam, et al. (See Brown, W., and Morano, assignors.)
Senter, Carl U., Los Angeles, Calif. Portable wall bracket. 1,622,057; Mar. 22.
Seraphin, Theophilus A., Philadelphia, Pa. Automatic tank gauge. 1,621,857; Mar. 22.
Seydel Chemical Co., The. (See Seydel, Paul, assignor.)
Seydel, Paul, Nitro, W. Va., assignor to The Seydel Chemical Co. Antispasmodic. 1,621,757; Mar. 22.
Seyfried, C. J. (See Davis, Clawson, assignor.)
Sharples, Richard G., Radcliffe, and C. Wilbraham, Worsley, Manchester, England. Machine for winding yarn. 1,622,007; Mar. 22.
Sharpless, Stewart L., Milwaukee, Wis. Multicolor-printing machinery. 1,621,607; Mar. 22.
Shaw, David E., Milwaukee, Wis. Utensil. 1,621,758; Mar. 22.
Sheehan, Frank, Ithaca, N. Y. Knee brace. 1,622,211; Mar. 22.
Sheldon, Waldo, Greenwich, Conn. Oil-well-drilling apparatus. 1,621,689; Mar. 22.
Sherwood, Charles F., San Francisco, Calif. Reciprocating pump. 1,621,858; Mar. 22.
Shields, George A., Columbus, Ohio. Building construction. 1,622,212; Mar. 22.
Shley, Joseph H. (See Russell, D. M., and Shley.)
Shredded Wheat Company, The. (See Anderson, George M., assignor.)
Shredded Wheat Company, The. (See Webster, Earl P., assignor.)
Shunk, James H., Roscoe, Ill. Pyrotechnic lance holder. 1,621,908; Mar. 22.
Shwartz, Harry, et al. (See Schiffner, Joseph A., assignor.)
Sidway Topliff Company. (See Hawkinson, Axle W., assignor.)
Silverstine, Jackson L. (See Mitnick, J. J., and Silverstine.)
Skaletzky Bros., Inc. (See Skaletzky, Samuel, assignor.)
Skaletzky, Samuel, assignor to Skaletzky Bros., Inc., New York, N. Y. Finger ring. Des. 72,287; Mar. 22.
Slattery, James H., Brooklyn, N. Y. Gas heater. Des. 72,288; Mar. 22.
Slechta, Thomas J., Minneapolis, Minn. Tone modifier. 1,621,608; Mar. 22.
Sly, W. W., Manufacturing Company, The. (See Boesger, George A., assignor.)
Smith, Allan G. (See Dorer, Primus O., assignor.)
Smith, Allan G., London, England. Combination article. 1,622,167; Mar. 22.
Smith, L. C. & Corona Typewriters Inc. (See Avery, Henry A., assignor.)
Smith, Sidney L., Pittsburgh, Pa. Drying mop. 1,621,909; Mar. 22.
Smith, Willoughby S., Benchams, N. Poppleford, and H. J. Garnett, Lymne, Solefields, Sevenoaks, England. Magnetic alloy. 1,622,008; Mar. 22.
Smith, Wilmer T., Baltimore, Md. Artificial teeth. 1,621,643; Mar. 22.
Smulski, Theodore J., Chicago, Ill., assignor to J. W. Anderson, Gary, Ind. Calculating device. 1,621,609; Mar. 22.
Snare, Lewis O., Toledo, Ohio. Vulcanizer. 1,621,958; Mar. 22.
Snell, Commodore P., St. Petersburg, Fla. Curbing section. Des. 72,289; Mar. 22.
Snell, Lyle K., Detroit, Mich. Gauge. 1,621,759; Mar. 22.
Snow, Barton S., Batavia, assignor to T. W. Snow Construction Co., Chicago, Ill. Storage tank. 1,621,959; Mar. 22.
Snow, T. W., Construction Co. (See Snow, Barton S., assignor.)
Snyder, Herbert W., Lima, Ohio. Seat. 1,621,520; Mar. 22.
Société Anonyme des Usines A. E. Decoufle. (See Danber, Etienne, assignor.)
Societe, l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude.) (See Jordan, Eugène, assignor.)
Société Renard Frere et Fils. (See Renard, Pierre and F., assignors.)
Sohnle, Friedrich, Newark, N. J. Supporting device. 1,622,058; Mar. 22.
Sokolow, Samuel, Brooklyn, N. Y., assignor to Bright Star Battery Company. Shock-absorbing support for electric lamps. 1,621,610; Mar. 22.
Solinger, Leo, assignor to Eagle Pencil Company, New York, N. Y. Pencil. Des. 72,303; Mar. 22.
Sortelle, Edna, and V. C. Porter, New York, N. Y. Telephone mouthpiece. 1,622,061; Mar. 22.
Spalding, A. G., & Bros. (See Pierce, George L., assignor.)
Spector, David S., New York, N. Y., assignor to Federal Telegraph Company, San Francisco, Calif. Radio-cabinet. Des. 72,290; Mar. 22.
Speidel, Charles F. (See Kroedel, R., and Speidel.)
Speidel, Firm Fr. (See Speidel, Friedrich, assignor.)
Speidel, Friedrich, assignor to the Firm Fr. Speidel, Kallhardstrasse, Pforzheim, Germany. Unsoldered hook element for watch bracelets. 1,622,062; Mar. 22.
Spero, Ben E. and L., Cleveland, Ohio. Electric switch. 1,621,561; Mar. 22.
Spero, Leon. (See Spero, Ben E. and L.)
Springhorn, Charles, New York, N. Y. Musical instrument. 1,622,009; Mar. 22.
Stader, Otto, and J. B. Olson, assignors to James Manufacturing Company, Fort Atkinson, Wis. Operating stall for animals. 1,621,760; Mar. 22.
Stahl, Edward J., assignor to The Baker-Raulang Company, Cleveland, Ohio. Vehicle. 1,622,240; Mar. 22.
Standard Varnish Works. (See Hirsh, J. E., and Robson, assignors.)
Stauffer, Bertram. (See Freund, S., and Stauffer.).
Staunton, Le Roy W., Jackson Heights, N. Y., assignor to Brandes Laboratories, Inc., Newark, N. J. Electromagnetic sound reproducer. 1,621,562; Mar. 22.
Steenstrup, Christian, Schenectady, N. Y. Artificial fish bait. 1,622,063; Mar. 22.
Stein, Berthold, Elberfeld, Germany, assignor to Grasselli Dyestuff Corporation, New York, N. Y. Making 2-7 dinitro-anthraquinone. 1,622,168; Mar. 22.
Steiner, George A., assignor to Steiner Sales Company, Salt Lake City, Utah. Attachment for towel cabinets. 1,621,690; Mar. 22.
Steiner Sales Company. (See Leute, Karl M., assignor.)
Steiner Sales Company. (See Steiner, George A., assignor.)
Stertzbach, Harry W. (See Johnson, G. T., and Stertzbach.)
Stevens, Albert W., Dayton, Ohio. Airplane view finder. 1,622,125; Mar. 22.
Stevens, Frank W., assignor to H. C. Veno, Newton, Mass. Form for concrete structures. 1,621,563; Mar. 22.
Stevens, Horace D. (See Putt, E. D., and Stevens.)
Stevens, Horace D., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Valve-hole punching machine for inner tubes. 1,622,256; Mar. 22.
Stevens, Horace D., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Tube-stock-cutting apparatus. 1,622,257; Mar. 22.
Stewart, David H., and G. W. Nelson, assignors to Stewart Machine Co., Kent, Ohio. Vending machine. 1,621,960; Mar. 22.
Stewart, Frank T. and W. W., Sacramento, Calif. Liquid sprayer. 1,622,213; Mar. 22.
Stewart Machine Co. (See Stewart, D. H., and Nelson, assignors.)
Stewart, Walter W. (See Stewart, Frank T. and W. W.)
Stockemer, Ralph W., Dierks, Ark. Holding device for saw-mill carriages. 1,622,050; Mar. 22.

Stone, Thomas L., Newark, N. J., assignor to Hampden Glazed Paper and Card Company, Holyoke, N. Y. Cover paper or the like. Des. 72,291; Mar. 22.
Stoop, William J., Wheeling, W. Va. Mechanism for producing metal plates. 1,622,060; Mar. 22.
Storch, Henry H. (See Gauger, A. W., and Storch.)
Strack, Herman. (See Hansmann, P., and Strack.)
Streit, Max, Breslau, Germany. Change-spur gearing. 1,622,264; Mar. 22.
Stringer, Melvin, Pottstown, Pa. Angle split rings. 1,621,961; Mar. 22.
Stringer, Melvin, New York, N. Y. Spring action. 1,621,962; Mar. 22.
Struthers Manufacturing Co. (See Struthers, William G., assignor.)
Struthers, William G., Oakland, Calif., assignor to Struthers Manufacturing Co., Oakland, Calif. Clamp. 1,621,691; Mar. 22.
Sturtevant Mill Company. (See Sturtevant, Thomas J., assignor.)
Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Separator. 1,621,564; Mar. 22.
Sullins, Harold L., assignor of one-fourth to W. D. Gray, Taft, Calif. Quick-connecting sucker rod. 1,622,064; Mar. 22.
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Summer, Frank S. (See Summer, Samuel, assignor.)
Summer, Samuel, Albany, assignor of one-half to F. S. Summer, New York, N. Y. Internal-combustion engine. 1,622,010; Mar. 22.
Sutton, E. W., Carpet Lining Corporation. (See Hendel, Richard, assignor.)
Sutton, John, El Monte, Calif. Shut-down device for oil-well-pumping equipment. 1,621,692; Mar. 22.
Swanson, Carl A. S., assignor to C. A. S. Swanson, as trustee, Malden, Mass. Conserving header plugs. 1,621,648; Mar. 22.
Swanson, Carl A. S., trustee. (See Swanson, Carl A. S.)
Sweet, Henry N. (See Jenkins, Samuel B., assignor.)
Sykes, William E. (See Lane, G. L., and Sykes.)
Symanzik, Franz, Schweinfurt, Germany. Thrust ball bearing. 1,622,065; Mar. 22.
Tagliabue, Charles J., Mfg. Co. (See Bast, Frank J., assignor.)
Taranto, John, Waltham, Mass. Magazine for box looms. 1,622,066; Mar. 22.
Tate Safety Window Scaffold Corporation. (See Tate, William R., assignor.)
Tate, William R., Brooklyn, N. Y., assignor to Tate Safety Window Scaffold Corporation. Window-washer's scaffold. 1,622,067; Mar. 22.
Taudevin, Ralph E. (See Bean, T. R., and Taudevin.)
Taylor, Arthur E., assignor of one-half to S. Hinman, Elyria, Ohio. Nail-driving implement. 1,621,761; Mar. 22.
Taylor, Cecil H., and B. B. Neuteboom, Detroit, Mich. Airplane. 1,622,241; Mar. 22.
Taylor, Cecil H., and B. B. Neuteboom, Detroit, Mich. Aeroplane. 1,622,242; Mar. 22.
Telling, John W. (See Floto, Julius, assignor.)
Teragawa, Takeo, Los Angeles, Calif. Dental vibratory matrix. 1,621,762; Mar. 22.
Ternstedt Manufacturing Company. (See Schnell, William, assignor.)
Terwilliger, Gerald E. (See Moses, E. Q., Terwilliger, and Hammond.)
Terwilliger, Laura E. M., executrix. (See Moses, E. Q., Terwilliger, and Hammond.)
Theobold, Charles H., St. Louis, Mo. Swimmer's hand paddle. 1,621,693; Mar. 22.
Thomas, Adolph A., New York, N. Y. Phonographic reproducing apparatus. 1,622,011; Mar. 22.
Thomas, Edward J. (See Grant, W. C., Thomas, and Drew.)
Thomas Elevator Company. (See Wilson, Alexander H., assignor.)
Thomas, John C. (See Dyer, J. G., and Thomas.)
Thompson, Aksel R., New York, N. Y., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling-alley pin spotter. 1,621,565; Mar. 22.
Thompson, Albert R., assignor to Anderson-Barngrover Mfg. Co., San Jose, Calif. Can feeder. 1,621,611; Mar. 22.
Thompson, Donald C. (See Miles, F. J., and Thompson.)
Thompson, Henry P., Chicago, Ill. Windshield heater. 1,622,068; Mar. 22.
Thompson, James J. (See Ellenburg, Joseph N., assignor.)
Thomson, Alexander, Summit, and J. W. Eskholme, Glen Ridge, N. J.; said Eskholme assignor to said Thomson. Valve. 1,621,910; Mar. 22.
Thomson, Charles H., J. Cummiskey, C. J. Miller, and A. L. Jones, Liverpool, England. Fluid-controlling valve. 1,622,069; Mar. 22.
Thornbrugh, Alvin, assignor of one-half to C. H. Hass, Manly, Iowa. Lubricating device. 1,621,644; Mar. 22.
Thorne, George E., Trenton, N. J. Temperature regulator. 1,621,816; Mar. 22.
Thorp, Earl L., Superior, Wis. Flash-light holder. 1,621,645; Mar. 22.
Throop, Damon R., Stockton, Calif. Revolving scraper. 1,621,646; Mar. 22.
Tierney, Miles A., Minneapolis, Minn. Fixture-attaching strap. 1,621,566; Mar. 22.
Toledo Machine and Tool Company, The. (See Dorman, N. W., and Hatch, assignors.)
Toledo Scale Company. (See Hem, Halvor W., assignor.)
Toledo Scale Company. (See Marshall, Charles O., assignor.)
Tonks Brothers Co. (See Tonks, Russell A., assignor.)
Tonks, Russell A., South Orange, assignor to Tonks Brothers Co., Newark, N. J. Baby's tooth cutter. Des. 72,292; Mar. 22.
Tracy, Harmon N., Los Angeles, Calif. Placer-deposit washer and washing. 1,621,694; Mar. 22.
Trapp, Patrick A., Shelby, Mont. Jerk-line connection. 1,622,070; Mar. 22.
Tryon, Henry C. (See Napier, M. S., Wilkinson, and Tryon.)
Tucker, Henry, Lakewood, N. J. Guard and stop for ironing machines. 1,622,214; Mar. 22.
Tucker, Maurice L. (See Williams, C. H., and Tucker.)
Tuite, Frank J., and G. F. Dodge, New York, N. Y., assignors to Robins Conveying Belt Company, Passaic, N. J. Grizzly. 1,621,695; Mar. 22.
Tullis, John K., New York, N. Y. Tanning. 1,621,612; Mar. 22.
Turner Tanning Machinery Company, The. (See Blaney, William F., assignor.)
Underwood, Norman. (See Hopkins, M. S., and Underwood.)
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Waldheim, John, assignor.)
Union Carbide & Carbon Research Laboratories, Inc. (See St. John, Ancel, assignor.)
Union Switch & Signal Company, The. (See Lucas, Samuel M., assignor.)
Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
United Rim Company, The. (See Johnston, Clarence S., assignor.)
United Shoe Machinery Corporation. (See Merrick, Frank W., assignor.)
United Shoe Machinery Corporation. (See Ricks, Fred, assignor.)
United Shoe Machinery Corporation. (See Sabin, Ernest E., assignor.)
Unke, Herman A., Cleveland, Ohio. Pipe-thread protector. 1,621,647; Mar. 22.
Urban, Bruno, sr., Ludwigshafen-on-the-Rhine, Germany. House construction of tubes or tubular members. 1,622,071; Mar. 22.
Ure, Colin M., Bishopbriggs, Glasgow, Scotland. Manufacture, centrifugally, of pipes, columns, and the like. 1,622,012; Mar. 22.
Vacuum Pulp Products Corporation. (See Louisot, Felix, assignor.)
Valentine, Robert D., assignor, by mesne assignments, to National Pole & Treating Company, Minneapolis, Minn. Pole-puncturing machine. 1,621,963; Mar. 22.
Van Allen, John W., et al., executors. (See Cummer, Harry.)
Van den Heuvell, Abraham Van L., Zwolle, Netherlands. Weighing screw jack for determining the wheel pressure of vehicles. 1,621,911; Mar. 22.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 72,293; Mar. 22.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 72,294; Mar. 22.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 72,295; Mar. 22.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 72,296; Mar. 22.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 72,297; Mar. 22.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 72,298; Mar. 22.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 72,299; Mar. 22.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, New York, N. Y., assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 72,300; Mar. 22.
Van Derwyk, John D., assignor to T. A. Wells, Los Angeles, Calif. Vehicle brake. 1,621,912; Mar. 22.
Van Pelt, Jesse L., Pullman, Wash. Vacuum feed system. 1,621,817; Mar. 22.
Van Rennes, Cornelis, assignor to Delco-Light Company, Dayton, Ohio. Electrical apparatus. 1,621,914; Mar. 22.

Van Sant, Robert H., Chicago, Ill., assignor, by mesne assignments, to Gold Dust Corporation, New York, N. Y. Applicator cap. 1,621,567; Mar. 22.
Veno, Herbert C. (See Stevens, Frank W., assignor.)
Vernet, Sergius, Brooklyn, N. Y. Making radiator shutters. 1,621,696; Mar. 22.
Victor Chemical Works. (See Brassert, H. A., Waggaman, and Easterwood, assignors.)
Vose, Zelman E., Boston, Mass. Making confections. 1,621,568; Mar. 22.
Vulcan Last Company, The. (See Clausing, George, assignor.)
Waggaman, William H. (See Brassert, H. A., Waggaman, and Easterwood.)
Wagner, Carleton S., Danville, Pa. Supporting structure. 1,621,649; Mar. 22.
Walden-Worcester, Incorporated. (See Enberg, Stone R., assignor.)
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,621,613; Mar. 22.
Waldron, John, Corporation. (See Francke, William J., assignor.)
Walker, Edmund H., New York, N. Y. Draft gear. 1,621,964; Mar. 22.
Wallace, James, Affton, Mo. Vehicle rim. 1,621,614; Mar. 22.
Wallace, Raymond H., Livermore, Iowa. Supporting life in living organisms in sealed containers and device therefor. 1,621,818; Mar. 22.
Wanerman, Hyman, New York, N. Y. Liquid refreshment dispenser. Des. 72,301; Mar. 22.
Wanko, John R., Sioux City, Iowa, Wave-bath machine. 1,621,819; Mar. 22.
Ward Leonard Electric Company. (See Schwagermann, William, assignor.)
Warhurst, Thomas J. (See Anlauf, H., and Warhurst.)
Warner, Joseph L., Mayer, Ariz. Extracting gold. 1,621,697; Mar. 22.
Watson, Ernest, Wauwatosa, Wis. Form holder for concrete walls. 1,622,072; Mar. 22.
Weber, Friedrich W., Hackensack, assignor to Maywood Chemical Works, Maywood, N. J. Treating animal tissue and products obtained therefrom. 1,621,965; Mar. 22.
Webster, Earl P., assignor to The Shredded Wheat Company, Niagara Falls, N. Y. Conveyer chain. 1,621,859; Mar. 22.
Webster, Warren & Company. (See Fitts, J. A., and Rohlin, assignors.)
Wecker, Ernst, Heilbronn, Germany. Separating volatile substances. 1,6222,126; Mar. 22.
Weinberger, Julius. (See Goldsmith, A. N., and Weinberger.)
Wellensiek, Louis H., Houston, Tex. Drilling wells. 1,621,569; Mar. 22.
Wells, Thomas A. (See Van Derwky, John D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Allen, Robert C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, John L., assignor.)
Westinghouse Electric and Manufacturing Company. (See Flanders, Warren B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jaspert, William B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pruger, Raoul, assignor.)
Weston, Milton T., New York, N. Y. Variable-speed device. 1,621,915; Mar. 22.
White Cap Company. (See White, George P., assignor.)
White, George P., assignor to White Cap Company, Chicago, Ill. Pressure processing. 1,621,698; Mar. 22.
Whitin Machine Works. (See Aldrich, William O., assignor.)
Whiting, William M., East Orange, N. J. Printed fabric. 1,622,013; Mar. 22.
Whittier, Albert E., Bristol, Conn. Golf-bag attachment. 1,622,073; Mar. 22.
Wikle, George F., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Treating rubber surface. 1,621,615; Mar. 22.
Wilbraham, Charles. (See Sharples, R. G., and Wilbraham.)
Wildhaber, Ernest, assignor to Gleason Works, Rochester, N. Y. Producing gears. 1,622,014; Mar. 22.
Wiley, William A. (See Woods, G. H., Denison, and Wiley.)
Wilhelm, George T., South Amboy, N. J. Flush-tank valve. 1,621,699; Mar. 22.
Wilkinson, George S. (See Napier, M. S., Wilkinson, and Tryon.)
Wille, Henry V., R. M. Campbell, and W. J. Etherington, assignors to The Baldwin Locomotive Works, Philadelphia, Pa. Frame for electric locomotives. 1,622,074; Mar. 22.
Williams, Charles H., and M. L. Tucker, Piqua, Ohio. Hydraulic steering gear. 1,621,916; Mar. 22.
Williams, John A., Richmond Hill, N. Y. Cuff button. 1,621,570; Mar. 22.
Williams, John M., jr., Montclair, N. J. Internal-combustion engine. 1,622,015; Mar. 22.
Wilson, Alexander H., Oak Park, assignor to Thomas Elevator Company, Chicago Ill. Hoisting machine. 1,621,700; Mar. 22.
Wilson, Wylie G., Jersey City, N. J., assignor to Loose Seat Valve Company. Apparatus for controlling the flow of fluid to a valve. 1,622,016; Mar. 22.
Winchell, George H., sr. (See Burrow, Frank V., assignor.)
Winell, Karl O., assignor to Pressed Steel Car Company, Pittsburgh, Pa. Articulated car. 1,621,917; Mar. 22.
Winkler, Charles, Newark, and W. H. Bittner, Glen Ridge, N. J.; said Bittner assignor to said Winkler. Stiffener for brief cases and the like. 1,622,017; Mar. 22.
Winship, Bolt & Co. (See Hatfield, Percy W., assignor.)
Wired Radio, Inc. (See Duncan, Robert D., jr., assignor.)
Wireless Specialty Apparatus Company. (See Priess, William H., assignor.)
Wishart, Harold W. (See Alexander, R. L., and Wishart.)
Witherwax, Marcelus, et al. (See Schiffner, Joseph A., assignor.)
Witz, Henri E., Rheinland Baden, Germany, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Pulverizer. 1,621,571; Mar. 22.
Wolf, Albert, Canton Ohio. Bolt board. 1,621,860; Mar. 22.
Wolverine Supply and Manufacturing Company. (See Bain, Carl C., assignor.)
Woods, Grover H., and A. B. Denison, Cleveland, Ohio, and W. A. Wiley, assignors to American Sterilizer Company, Erie, Pa. Dispensing device. 1,621,861; Mar. 22.
Woodstock Typewriter Co. (See Hokanson, O. A., and Koca, assignors.)
World Bestos Corporation. (See Heany, John A., assignor.)
Worthington Pump and Machinery Corp. (See Haeberlein, Max, assignor.)
Wright, Clyde S., assignor to The National Supply Company, Toledo, Ohio. Wire-line drilling clamp. 1,621,616; Mar. 22.
Wyner, Rudolph H., et al. (See Miller, Max C., assignor.)
Yanney, George W., and W. D. Keller, assignors to The Alliance Machine Company, Alliance, Ohio. Tongs. 1,621,701; Mar. 22.
Yantis, George A., Elma, Wash. Bridge-retaining device. 1,621,702; Mar. 22.
Yokoyama, Bunkichi, Los Angeles, Calif. Making fried rice food. 1,621,763; Mar. 22.
Young, Edward O., Cleveland Heights, Ohio. Individual toe expander for shoe uppers. 1,621,617; Mar. 22.
Young, Frederic E., Shreveport, La. Barber's clipper guard. 1,621,572; Mar. 22.
Youngchild, Casper E. (See Alexander, J. E., and Youngchild.)
Zatzerkowny, Hawryil. (See Kindrat, M. J., and Zatzerkowny.)
Zidovec, August, San Rafael, Calif. Forging machine. 1,622,169; Mar. 22
Zimmermann, Paul G., and B. V. Korvin-Kroukovsky, Keyport, N. J., assignor by mesne assignments to Healey-Aeromarine Bus Company, Inc. Wing-nose radiator. 1,621,918; Mar. 22.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 22D DAY OF MARCH, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Acid and making same, Barbituric. F. Boedecker. 1,622,129; Mar. 22.
Acid can, Plumber's. H. E. Hile. 1,621,540; Mar. 22.
Acid, Production of phosphoric. H. A. Brassert, W. H. Waggaman, and H. W. Easterwood. 1,622,082; Mar. 22.
Advertising cabinet or the like, Depository. I. K. Rystedt. 1,622,210; Mar. 22.
Advertising medium. C. H. H. Desbarats. 1,622,223; Mar. 22.
Advertising novelty. S. V. Anderson. 1,622,020; Mar. 22.
Aerial propeller. A. and S. A. Harper. 1,621,983; Mar. 22.
Aeroplane. C. H. Taylor and B. B. Neuteboom. 1,622,242; Mar. 22.
Aeroplanes and the like, Control of. T. F. Roberts. 1,622,208; Mar. 22.
Agricultural implement. J. A. Mills. 1,621,993; Mar. 22.
Air cooler. E. Crispin. 1,622,131; Mar. 22.
Air cooler and humidifier. J. R. Bulmer. 1,621,766; Mar. 22.
Aircraft, Bomb-dropping device for. O. J. Boos. 1,621,654; Mar. 22.
Aircraft, Fuselage for. C. L. Paulus and R. Kauch. 1,622,205; Mar. 22.
Airplane. C. H. Taylor and B. B. Neuteboom. 1,622,241; Mar. 22.
Airplane helicopter control. F. O. Ellerman. 1,622,138; Mar. 22.
Airplane view finder. A. W. Stevens. 1,622,125; Mar. 22.
Airship mooring drum. R. M. Getchell. 1,622,139; Mar. 22.
Alarm: *See*—
Thermostatic alarm.
Alkyl compound of lead, Producing. G. Calingaert. 1,622,233; Mar. 22.
Alloy, Magnetic. W. S. Smith, N. Poppleford, and H. J. Garnett. 1,622,008; Mar. 22.
Amusement apparatus. F. V. Burrow. 1,621,656; Mar. 22.
Anchor-shell drill, Expansion-. J. H. Phillips. 1,621,598; Mar. 22.
Angle split ring. M. Stringer. 1,621,961; Mar. 22.
Antiskid device. H. E. Hodgson. 1,621,883; Mar. 22.
Antispasmodics. P. Seydel. 1,621,757; Mar. 22.
Applicator cap. R. H. Van Sant. 1,621,567; Mar. 22.
Armatures, Manufacture of. F. G. Dewey. 1,622,185; Mar. 22.
Ash tray, matches support, and pipe rest, Combination. R. E. McEldowney. Des. 72,273; Mar. 22.
Auto condensation pad, Electric. W. R. Beckley. 1,622,244; Mar. 22.
Autographic register. P. A. Jackson. 1,621,985; Mar. 22.
Autographic register. P. A. Jackson. 1,622,148; Mar. 22.
Automatic register. P. A. Jackson. 1,622,147; Mar. 22.
Automobile accessory. R. A. Mayer. 1,621,849; Mar. 22.
Automobile fender. J. Ledwinka. Des. 72,266; Mar. 22.
Automobile sander. E. P. Robinson. 1,622,165; Mar. 22.
Automobile signal. R. L. Dickson. 1,622,096; Mar. 22.
Automobile theftproof device. H. D. Geyer. 1,622,141; Mar. 22.
Automobiles, Bumper for. G. Nigro. 1,621,997; Mar. 22.
Awning. E. J. Bliss. 1,622,245; Mar. 22.
Awning support. E. E. McGrew. 1,621,941; Mar. 22.
Baby walker. A. W. Hawkinson. 1,622,108; Mar. 22.
Badge. W. H. Harris. Des. 72,256; Mar. 22.
Baller, Well. G. W. Clarke. 1,621,627; Mar. 22.
Ball: *See*—
Playing ball.
Banjo. H. E. Menzemer and M. Cambre. 1,621,735; Mar. 22.
Bank guard shield. E. A. Hawks. 1,622,034; Mar. 22.
Bank ledger. A. J. Norman. 1,621,806; Mar. 22.
Bar: *See*—
Metal bar.
Barge, Air floated. V. F. Casey. 1,621,625; Mar. 22.
Battery: *See*—
Storage battery.
Bedspread. D. Kemp. Des. 72,265; Mar. 22.
Bean stringer. J. H. Carter. 1,621,968; Mar. 22.
Bearing. R. Pruger. 1,621,751; Mar. 22.
Bearing and bushing remover. C. M. McCord. 1,621,733; Mar. 22.
Bearing race and bushing remover. C. M. McCord. 1,621,734; Mar. 22.
Bearing, Rolling mill. G. Cooke. 1,621,711; Mar. 22.
Bearing, Thrust ball. F. Symanzik. 1,622,005; Mar. 22.
Bearings, Cap for. J. L. Brown. 1,621,709; Mar. 22.
Bed, Camp. R. C. Johnston and J. R. Estey. 1,621,841; Mar. 22.
Bed, Folding camp. L. Edwards. 1,622,188; Mar. 22.
Bed, Wall. B. L. Jones. 1,621,885; Mar. 22.
Beehives, Portable lifter for. D. G. Little. 1,622,201; Mar. 22.
Bench: *See*—
Greenhouse or conservatory bench.
Berry-picking machine. S. B. Jenkins. 1,622,117; Mar. 22.
Bin circulating apparatus, Reversible-draft, individual-. F. P. Mahoney. 1,621,594; Mar. 22.
Binders, Controlling device for motor-drawn. T. J. Fetcher. 1,621,773; Mar. 22.
Bit: *See*—
Drill bit.
Blank preparing apparatus. F. Ricks. 1,621,602; Mar. 22.
Block: *See*—
Building block. Wheel block.
Board: *See*—
Bolt board.
Boat. W. A. Hickman. 1,621,839; Mar. 22.
Bobbin magazine. W. Flett. 1,621,836; Mar. 22.
Bobbin rack. J. N. Harrod. 1,622,107; Mar. 22.
Boiler: *See*—
Linen boiler.
Bolster cases, Manufacture of. W. O. Aldrich. 1,621,705; Mar. 22.
Bolt-board. A. Wolf. 1,621,860; Mar. 22.
Bolt head, Removable. J. Mitchell and J. C. G. Cossey. 1,621,162; Mar. 22.
Bolt-locking means. M. Saloun. 1,621,854; Mar. 22.
Book or binder, Loose-leaf. W. R. Horsfield. 1,621,783; Mar. 22.
Book rest. A. Grumbles. 1,621,632; Mar. 22.
Borax from brine, Decreasing the rate of crystallization of. A. W. Gauger and H. H. Storch. 1,621,927; Mar. 22.
Boring and reaming tool. C. B. Robinson. 1,622,209; Mar. 22.
Boring tool. F. A. Decker. 1,622,094; Mar. 22.
Bottle cap. A. C. Booth. 1,622,220; Mar. 22.
Bottle cover and cap remover. C. T. Raschick. 1,621,902; Mar. 22.
Bottle, Nonrefillable. A. Crisci. 1,621,923; Mar. 22.
Bowling-alley pin spotter. A. R. Thompson. 1,621,565; Mar. 22.
Bowling alleys, Foul indicator for. A. J. Kempien. 1,621,511; Mar. 22.
Box: *See*—
Cigar box.
Box cover, Adjustable and attachable. S. Bezzant and R. Bezzant. 1,622,128; Mar. 22.
Box fastener. S. Debus. 1,621,630; Mar. 22.
Box-making machine. C. Burnham. 1,621,655; Mar. 22.
Brace: *See*—
Knee brace.
Bracelets, Unsoldered hook element for watch. F. Speidel. 1,622,062; Mar. 22.
Brake: *See*—
Car brake. Vehicle brake.
Brake mechanism. A. F. Klasing. 1,621,843; Mar. 22.
Brake mechanism for motor shafts, Fluid. J. R. Bingaman. 1,621,653; Mar. 22.
Brake-operating apparatus. A. F. Klasing. 1,621,842; Mar. 22.
Brake shoe. L. E. La Brie. 1,621,794; Mar. 22.
Brake shoe, Pressed. A. Y. Dodge. 1,622,133; Mar. 22.
Branding. D. E. Hennessy. 1,621,587; Mar. 22.
Bridge-retaining device. G. A. Yantis. 1,621,702; Mar. 22.
Brief cases and the like, Stiffener for. C. Winkler and W. H. Bittner. 1,622,017; Mar. 22.
Brooder. A. Kistler. 1,621,544; Mar. 22.
Brush, Toilet. F. E. Pretat. 1,621,900; Mar. 22.
Building block. W. H. Schweizer. 1,621,957; Mar. 22.
Building construction. G. A. Shields. 1,622,212; Mar. 22.
Buildings, Bar hanger for the support of outlet boxes for the wiring of. H. A. Calderwood. 1,622,087; Mar. 22.
Bull-wheel attachment. J. G. Dyer and J. C. Thomas. 1,621,714; Mar. 22.
Bumper. J. Floto. 1,621,501; Mar. 22.
Burner: *See*—
Oil burner.
Bus ventilator. C. J. Eckland. 1,621,770; Mar. 22.
Butter mold. A. Aronson. 1,621,822; Mar. 22.
Button, Cuff. J. A. Williams. 1,621,570; Mar. 22.

Cabinet, Dispensing. R. C. Courtis. 1,621,971; Mar. 22.
Cabinet for displaying and dispensing merchandise. C. F. Haunz. Des. 72,257; Mar. 22.
Cabinet, Kitchen. E. Burke. 1,621,491; Mar. 22.
Cabinet, Shoe-shining. W. B. Johnson. 1,621,787; Mar. 22.
Cabinet, Towel. K. M. Leute. 1,622,226; Mar. 22.
Cabinets, Attachment for towel. G. A. Steiner. 1,621,690; Mar. 22.
Cable or wire clamp. J. F. Haworth. 1,622,109–10; Mar. 22.
Cakes, Apparatus for forming. J. Peguero. 1,621,896; Mar. 22.
Calculating device. T. J. Smulski. 1,621,609; Mar. 22.
Calculator, Check. C. T. Raschick. 1,621,686; Mar. 22.
Caliper. J. Culell. 1,621,526; Mar. 22.
Caliper. A. Haglund. 1,621,778; Mar. 22.
Cameras, Actuating device for wire-push-release. J. L. Lomax. 1,621,551; Mar. 22.
Cameras, Focusing mechanism for. R. Kroedel and C. F. Speidel. 1,621,035; Mar. 22.
Cameras, Pistol grip for. W. F. Rossiter. 1,621,903; Mar. 22.
Can: *See*—
Acid can. Oil can.
Can feeder. A. R. Thompson. 1,621,611; Mar. 22.
Can-filling machine. C. H. Ayars. 1,621,864; Mar. 22.
Cans, Machine for boxing or casing. A. H. Kyler. 1,621,743; Mar. 22.
Candies, Cream depositor for hand-roll centers for. H. E. Hontz. 1,622,115; Mar. 22.
Candy confection. O. Z. Pooler. Des. 72,275; Mar. 22.
Candy machine. A. F. Schmand. 1,621,956; Mar. 22.
Car, Articulated. C. G. Frellin. 1,621,979; Mar. 22.
Car, Articulated. K. O. Winell. 1,621,917; Mar. 22.
Car brake. A. F. Klasing. 1,621,844; Mar. 22.
Car bumper. R. Breyley. 1,621,708; Mar. 22.
Car-door mechanism. C. H. Crane. 1,621,833; Mar. 22.
Car, Dump. W. L. Burner and O. E. Kantenwein. 1,621,871; Mar. 22.
Car roof. T. N. Russell. 1,622,056; Mar. 22.
Car truck. S. P. Bush. 1,621,827; Mar. 22.
Car truck, Railway. C. L. Charles. 1,621,493; Mar. 22.
Car-truck side frame, Cast. G. T. Johnson and H. W. Stertzbach. 1,621,786; Mar. 22.
Cars, Dust guard for the journal boxes of railway. J. L. Mohun. 1,621,893; Mar. 22.
Card and display sign, Combined. L. Rommel. 1,621,754; Mar. 22.
Card-handling apparatus, Selective. E. A. Geiger. 1,621,716; Mar. 22.
Carding engines, Vacuum stripper for. E. Clark. 1,622,246; Mar. 22.
Carrier: *See*—
Table and luggage carrier.
Case: *See*—
Key case. Propeller case.
Casing puller. W. N. Moore. 1,621,947; Mar. 22.
Casting mold. C. D. Pettis. 1,622,047; Mar. 22.
Cellulose ester compositions, Method and composition for polishing surfaces composed of. J. E. Hirsh and A. D. Robson. 1,621,780; Mar. 22.
Cementing bailer. S. D. Coates, P. H. Davis, and A. B Jenks. 1,621,970; Mar. 22.
Chain. M. Sabin. 1,621,954; Mar. 22.
Chain, Conveyer. E. P. Webster. 1,621,859; Mar. 22.
Chair for infants, Collapsible. H. W. S. Hoy. 1,621,930; Mar. 22.
Check-room appliance. F. E. Klein. 1,621,792; Mar. 22.
Check, Traveler's. J. T. Bacon. 1,621,865; Mar. 22.
Check valve for respirating apparatus. A. B. Dräger. 1,621,498; Mar. 22.
Checking machine. D. E. Harding. 1,621,982; Mar. 22.
Cigar box. A. A. Adamson. 1,621,704; Mar. 22.
Cigar lighter, Electric. A. Schoeller. 1,622,263; Mar. 22.
Cigarette machines, Cutting device for. E. Danger. 1,621,834; Mar. 22.
Cinematographs, Projecting system for. G. A. H. Kellner. 1,621,741; Mar. 22.
Circuit closer, Electromagnetically-operated. C. Adler, jr. 1,622,018; Mar. 22.
Circuit controller. J. T. Miller and M. Hanley. 1,622,044; Mar. 22.
Clamp: *See*—
Cable or wire clamp. Rail clamp.
Dead-ending clamp. Setting clamp.
Clamp. W. G. Struthers. 1,621,691; Mar. 22.
Clamping device. T. and S. J. V. Bovey. 1,621,490; Mar. 22.
Clamping rings for commutators, Making. J. J. Carter. 1,622,179; Mar. 22.
Clasp: *See*—
Collar clasp.
Cleaner: *See*—
Ear-corn cleaner. Vacuum cleaner.
Meat-block cleaner.
Cleaning machine. J. M. Schultz. 1,622,166; Mar. 22.
Cleaning meat stuffers. G. R. Napier. 1,622,045; Mar. 22.
Cleansing compound. R. Schless. 1,621,906; Mar. 22.
Clearance unloader. F. van D. Longacre. 1,621,913; Mar. 22.
Clipper guard, Barber's. F. E. Young. 1,621,572; Mar. 22.
Clock-spring support. S. H. Moscovitz. 1,621,894; Mar. 22.
Clothes and dish washing machine, Combined. W. Brown and S. Morano. 1,622,221; Mar. 22.
Clutch, Electromagnetic. C. Q. Payne. 1,622,261; Mar. 22.
Clutch mechanism particularly applicable to wire twisting or tying machines. E. A. Ingold. 1,622,146; Mar. 22.
Coating machine and coating cylindrical objects. R. F. Becht. 1,622,174; Mar. 22.
Coin-controlled machine. J. J. Scharll, jr. 1,621,756; Mar. 22.
Colander. C. E. Ayres. 1,621,823; Mar. 22.
Collapsible rack. J. Pearson. 1,621,558; Mar. 22.
Collar. M. Kahn. 1,622,037; Mar. 22.
Collar clasp, Soft-. M. Kasper. 1,621,730; Mar. 22.
Combination article. A. G. Smith. 1,622,167; Mar. 22.
Combination switch. W. Kaisling. 1,621,729; Mar. 22.
Composition of matter for treating animal tissue. C. Ellis. 1,621,528; Mar. 22.
Concrete structures, Form for. F. W. Stevens. 1,621,563; Mar. 22.
Condenser. J. B. Dempster. 1,621,659; Mar. 22.
Condenser, Electrostatic. G. W. Hayden. 1,621,722; Mar. 22.
Condenser, Variable. G. W. Hayden. 1,621,721; Mar. 22.
Confections, Making. Z. E. Vose. 1,621,568; Mar. 22.
Container, Easy open. J. E. Gunter. 1,622,236; Mar. 22.
Control switch, Duplex-. S. A. Hoge. 1,621,781; Mar. 22.
Controlling apparatus. F. J. Bast. 1,621,620; Mar. 22.
Cooking apparatus. J. E. Blincow. 1,622,081; Mar. 22.
Cooking utensil. A. Atwater. 1,622,075; Mar. 22.
Cooler: *See*—
Air cooler.
Cooling and condensation, Apparatus for. V. C. Canter. 1,622,024; Mar. 22.
Corn-husking machine. T. H. Oppenheim and B. Selhorst. 1,621,682; Mar. 22.
Corn nubbiner. E. W. Hopkins. 1,621,928; Mar. 22.
Coupling: *See*—
Flexible coupling.
Coupling. H. Anlauf, and T. J. Warhurst. 1,622,216; Mar. 22.
Coupling pin. J. A. Campo. 1,621,624; Mar. 22.
Couplings, Uncoupling device for. T. N. Russell. 1,622,055; Mar. 22.
Crank holder. W. J. Coultas. 1,622,028; Mar. 22.
Cream-treating process. R. K. Cooney. Re16,576; Mar. 22.
Creamer or similar article. F. Schmidt. Des. 72,282; Mar. 22.
Cultivator. W. P. Allen and E. H. Fincher. 1,621,764; Mar. 22.
Cup or similar article. F. Schmidt. Des. 72,281; Mar. 22.
Curbing section. C. P. Snell. Des. 72,289; Mar. 22.
Current relay, Alternating. D. Grimes. 1,621,533; Mar. 22.
Curtain-pole end. A. Diouhy. Des. 72,251; Mar. 22.
Curtain stretcher. F. Bonswor. 1,621,765; Mar. 22.
Cushion-spring connection. V. Massacese. 1,622,202; Mar. 22.
Cutter: *See*—
Ensilage cutter. Thong cutter.
Rope cutter.
Cutting fan belts or the like, Machine for. E. D. Putt and H. D. Stevens. 1,622,253; Mar. 22.
Cutting machine, Cloth-. M. G. Sackerman and I. E. Heller. 1,619,605; Mar. 22.
Cutting or trimming device. W. G. Rounds. 1,622,053; Mar. 22.
Dead-ending clamp. P. G. Fitzpatrick. 1,621,530; Mar. 22.
Dehydrator, Walnut. G. I. Bauer. 1,621,651; Mar. 22.
Delivery mechanism. M. T. Ashe. 1,621,619; Mar. 22.
Dental vibratory matrix. T. Teragawa. 1,621,762; Mar. 22.
Derrick or tower. J. W. Brown. 1,622,086; Mar. 22.
Desk-sanding machine. M. E. Johnson. 1,621,931; Mar. 22.
Diaphragm muffler. B. Q. Jones. 1,622,150; Mar. 22.
Dinitro-anthraquinone, Making 2–7. B. Stein. 1,622,168; Mar. 22.
Direction indicator. R. K. Pershad. 1,621,597; Mar. 22.
Dish or similar article. F. Schmidt. Des. 72,277; Mar. 22.
Dispensing device. G. H. Woods, A. B. Denison, and W. A. Wiley. 1,621,861; Mar. 22.
Dispensing stand. G. H. Russell. 1,621,905; Mar. 22.
Display container. H. E. Freeman. 1,622,194; Mar. 22.
Dishwashing machines, Rack for. G. S. Clarkson. 1,621,830; Mar. 22.
Disklike element, Making an annular laminated. R. M. Pierson. 1,622,048; Mar. 22.
Door and operating mechanism therefor, Garage. C. G. Johnson. 1,621,669; Mar. 22.
Door, Coiling. W. C. Grant, E. J. Thomas, and G. W. Drew. 1,621,717; Mar. 22.
Door closing and locking means, Automatic. J. B. McCutchen. 1,621,847; Mar. 22.
Door holder and check device, Combined. J. Deenihan. 1,621,974; Mar. 22.
Door-opening mechanism. C. J. Carlisle. 1,622,088; Mar. 22.
Drawing apparatus. P. L. Ormiston. 1,622,229; Mar. 22.

Drill: *See*—
Anchor-shell drill.
Drill bit, Rotary. L. C. Black. 1,621,921; Mar. 22.
Drill collar, Releasable. T. A. Creighton. 1,621,583; Mar. 22.
Drilling apparatus, Oil-well-. W. Sheldon. 1,621,689; Mar. 22.
Drilling clamp, Wire-line. C. S. Wright. 1,621,616; Mar. 22.
Drilling machine, Well-. G. L. Lane and W. E. Sykes. 1,621,636; Mar. 22.
Drilling rigs, Crank for. E. E. Greve. 1,621,665; Mar. 22.
Drilling wells. L. H. Wellensiek. 1,621,569; Mar. 22.
Drum driers, Cleaning means for. J. E. Alexander and C. E. Youngchild. 1,621,706; Mar. 22.
Drying apparatus. F. A. Secord. 1,621,855; Mar. 22.
Drying tank blocks. T. H. Rhoads. 1,622,051; Mar. 22.
Dust arrester. G. A. Boesger. 1,621,824; Mar. 22.
Dyeing. P. Rabe. 1,622,122; Mar. 22.
Ear-corn cleaner. M. Bakker. 1,621,575; Mar. 22.
Egg crate. D. M. Russell and J. H. Shley. 1,621,904; Mar. 22.
Egg holder. A. Hope. 1,622,143; Mar. 22.
Electric cell with constant intensity. J. Pellini. 1,621,518; Mar. 22.
Electric circuits, Apparatus for controlling. W. Schwangerman. 1,622,004; Mar. 22.
Electric machines with split poles, Magnet frames for. H. Papst. 1,622,204; Mar. 22.
Electric switch. B. E. and L. Spero. 1,621,561; Mar. 22.
Electric systems, Relay for. F. J. Miles and D. C. Thompson. 1,622,042; Mar. 22.
Electrical apparatus. W. H. Priess. 1,621,901; Mar. 22.
Electrical apparatus. C. Van Rennes. 1,621,914; Mar. 22.
Electrical apparatus, Casing for. D. V. Edwards. 1,622,030; Mar. 22.
Electrical condenser. W. J. Rickets. 1,622,052; Mar. 22.
Electrical conduit. O. A. Frederickson. 1,622,032; Mar. 22.
Electrical contact device for follow-up systems. A. P. Davis. 1,621,835; Mar. 22.
Electrical interrupter. A. Leighton. 1,621,673; Mar. 22.
Electrical oscillations, Circuit arrangement for generating. H. Rukop. 1,622,001; Mar. 22.
Electrically-operated devices, Timer for. E. A. Rutenber. 1,622,002; Mar. 22.
Electromagnet. R. A. Blake. 1,622080; Mar. 22.
Electromagnetic sound reproducer. L. W. Staunton. 1,621,562; Mar. 22.
Elevator-gate-operating mechanism. E. L. Kerrigan and W. J. Murphy. 1,621,887; Mar. 22.
Engine: *See*—
Hydraulic engine. Internal-combustion engine.
Engine. H. M. Harris. 1,622,225; Mar. 22.
Engine-cooling system. S. W. Rushmore. 1,621,755; Mar. 22.
Engines, compressors, and the like, Air-cooling of the cylinders and pistons and other working parts of internal-combustion. A. G. M. Michell. 1,621,943; Mar. 22.
Engines, Connecting rod for. R. Chilton. 1,621,494; Mar. 22.
Engines, Cooling arrangement for internal-combustion. C. Regenbogen. 1,621,560; Mar. 22.
Engines, Cooling the valve stems and seats in internal-combustion. G. C. Cappa. 1,621,521; Mar. 22.
Engines, Flame plug for internal-combustion. J. M. Clark. 1,621,581; Mar. 22.
Engines, Flexible power-transmission for internal-combustion. T. M. Finley. 1,621,977; Mar. 22.
Engines, Fluid-operable lubricator and feeder for. F. K. Murphy and R. W. Retterer. 1,621,804; Mar. 22.
Engines, Intake-manifold arrangement for W-type int r-nal-combustion. G. D. Angle. 1,622,172; Mar. 22.
Engines, Liquid-fuel-supply arrangement for internal-combustion. F. J. S. Jones. 1,621,933; Mar. 22.
Engines, Rotary-valve mechanism for. R. M. Lovejoy. 1,621,732; Mar. 22.
Engines, Valve gear for internal-combustion. G. C. Cappa. 1,621,522; Mar. 22.
Ensilage cutter. C. W. Keith. 1,621,510; Mar. 22.
Evaporator. C. W. Aiken. 1,621,862; Mar. 22.
Excavating machines, Dipper-operating mechanism for. P. A. Orton. 1,622,239; Mar. 22.
Eye-testing apparatus. T. J. Arneson. 1,622,215; Mar. 22.
Fabric: *See*—
Printed fabric.
Fabric. H. J. Moore. 1,622,250; Mar. 22.
Fan, Adjustable. C. Rosine. 1,621,603; Mar. 22.
Feeding and cutting machine, Label. B. B. Guenther. 1,621,666; Mar. 22.
Feeding mechanism. E. G. Gartin. 1,621,662; Mar. 22.
Fertilizer. E. Dedolph. 1,621,875; Mar. 22.
File container for loose-leaf sheets. J. Schade. 1,622,003; Mar. 22.
Filter press. A. M. Capra. 1,621,767; Mar. 22.
Filter, Water. L. E. Rabjohn and R. W. Hollenberg. 1,621,684; Mar. 22.
Filtering material and preparation thereof. H. A. Hills. 1,621,725; Mar. 22.
Finger ring. S. Skaletsky. Des. 72,287; Mar. 22.
Fire door, Rolling. F. E. Perkins. 1,621,951; Mar. 22.
Fish bait, Artificial. C. Steenstrup. 1,622,063; Mar. 22.
Fishhook. L. Johns. 1,622,118; Mar. 22.
Fixture-attaching strap. M. A. Tierney. 1,621,566; Mar. 22.
Flash light. J. A. Schiffner. 1,621,955; Mar. 22.
Flash-light holder. E. L. Thorp. 1,621,645; Mar. 22.
Flasher. G. L. Bossard. 1,621,621; Mar. 22.
Flexible coupling. W. J. Francke. 1,622,101; Mar. 22.
Flexible coupling. L. Goodman. 1,621,980; Mar. 22.
Flooring and making the same, Block. J. O. Fulton. 1,622,104; Mar. 22.
Flooring, Hardwood block. J. O. Fulton. 1,622,103; Mar. 22.
Flow nipple. L. H Doerr. 1,621,876; Mar. 22.
Fluid-circulating plate. A. G. Kessler. 1,621,742; Mar. 22.
Fluid-pressure motor. E. G. Gartin. 1,621,663; Mar. 22.
Flyer machines, Presser member for. W. J. Maher. 1,621,848; Mar. 22.
Forging machine. A. Zidovec. 1,622,169; Mar. 22.
Forging tool. R. Armour. 1,621,573; Mar. 22.
Fountain: *See*—
Soda fountain.
Fountains, Bubbler head for. J. P. Heeney and J. G. Mitchell. 1,621,724; Mar. 22.
Front rod. S. P. Hull. 1,621,884; Mar. 22.
Gambrel. O. E. Fuller. 1,622,102; Mar. 22.
Game. J. N. Kornahrens. 1,622,156; Mar. 22.
Garment attachment. P. T. Burtchaell. 1,621,826; Mar. 22.
Gas heater. J. B. Slattery. Des. 72,288; Mar. 22.
Gas holder. G. T. Horton. 1,621,929; Mar. 22.
Gas holder. G. T. Horton. 1,621,984; Mar. 22.
Gas lighter, Electric. A. E. Carlson. 1,622,089; Mar. 22.
Gas, Producing. O. U. Bean. 1,621,652; Mar. 22.
Gas separation. H. Dumars and W. S. Bowen. 1,622,134; Mar. 22.
Gases, and the like, Indicator for leaking air. E. M. Cattley. 1,621,492; Mar. 22.
Gauge: *See*—
Liquid-level gauge. Tank gauge.
Gauge. L. K. Snell. 1,621,759; Mar. 22.
Gear, Draft. E. H. Walker. 1,621,964; Mar. 22.
Gears, Molding. W. B. Jaspert. 1,622,116; Mar. 22.
Gears, Producing. E. Wildhaber. 1,622,014; Mar. 22.
Gearing, Change spur. M. Streit. 1,622,264; Mar. 22.
Generator: *See*—
Impulse generator. Steam generator.
Generator-regulating apparatus. J. H. Hunt. 1,622,145; Mar. 22.
Geometrical instrument. J. Liberty. 1,622,158; Mar. 22.
Glass-cleaning applicator. L. H. Bardach. 1,621,489; Mar. 22.
Glass, Method and apparatus for grinding. J. W. Cruikshank. 1,622,091; Mar. 22.
Glass, Process of and apparatus for rolling. E. B. Le Mare. 1,622,040; Mar. 22.
Goggles. P. A. Dawson. 1,621,629; Mar. 22.
Gold, Extracting. J. L. Warner. 1,621,697; Mar. 22.
Goldbeater's foil. S. Freund and B. Stauffer. 1,621,502; Mar. 22.
Golf-bag attachment. A. E. Whittier. 1,622,073; Mar. 22.
Golf club. F. R. Perkins. 1,621,897; Mar. 22.
Golf club. W. L. Questel and H. M. Rhind. 1,621,750; Mar. 22.
Governor. H. Klanecky. 1,621,545; Mar. 22.
Granulating dry materials. F. L. Bryant. 1,621,869; Mar. 22.
Gravy boat or similar article. F. Schmidt. Des. 72,283; Mar. 22.
Grease gun. C. G. Cooper and A. J. Dinkel. 1,621,657; Mar. 22.
Greenhouse or conservatory bench. R. Mettetal. 1,621,850; Mar. 22.
Grenades, Firing socket or cup for. E. Mattlet. 1,622,160; Mar. 22.
Grid leak. J. Conners. 1,621,832; Mar. 22.
Grinding machine. J. Miller, jr. 1,621,553; Mar. 22.
Grizzly. F. J. Tuite and G. F. Dodge. 1,621,695; Mar. 22.
Grouser. R. C. Hawkins. 1,622,111; Mar. 22.
Gun sight. J. Fischer. 1,622,193; Mar. 22.
Gyroscopic stabilizer. C. E. Schueller. 1,621,815; Mar. 22.
Hair clippers, Guard for. C. H. Redman. 1,621,641; Mar. 22.
Hairpin. W. H. H. Davis. 1,621,924; Mar. 22.
Hair-waving device. K. Eklund and M. A. Loeck. 1,621,527; Mar. 22.
Hardware, Weatherproofing. C. J. Parsons. 1,622,046; Mar. 22.
Harrow, Disk. L. Brenneis. 1,621,622; Mar. 22.
Harvester, Bean and pea. M. B. Sample. 1,621,642; Mar. 22.
Hay presses, Hay remover and weigher for. J. G. Owens. 1,621,807; Mar. 22.
Header linings, Conserving. C. A. S. Swanson. 1,621,648; Mar. 22.
Headgate. W. Murdock. 1,621,748; Mar. 22.
Headlight reflector. J. F. Raynolds. 1,621,752; Mar. 22.
Heat-interchange apparatus. R. Seligman. 1,622,006; Mar. 22.
Heater: *See*—
Water heater. Windshield heater.
Heater. S. Heitler. 1,621,668; Mar. 22.

Heater. B. B. Kahn. Des. 72,264; Mar. 22.
Heating apparatus, Combination. W. Mooney. 1,621,640; Mar. 22.
Heating system. J. M. Harrison. 1,621,881; Mar. 22.
Heel-washer-stacking machine. G. G. Andrews. 1,622,243; Mar. 22.
Heels, Manufacture of rubber. J. J. Batterman. 1,622,077; Mar. 22.
Helicopter. A. P. Filippi. 1,622,191; Mar. 22.
Hinge. C. M. Fitch. 1,621,500; Mar. 22.
Hoist, Scaffold. W. C. Ferris. 1,622,247; Mar. 22.
Hoisting machine. A. H. Wilson. 1,621,700; Mar. 22.
Hook: *See*—
Fish hook. Slug hook.
House construction of tubes or tubular members. B. Urban, jr. 1,622,071; Mar. 22.
Hub cap. J. J. Mitnick and J. L. Silverstine. 1,621,556; Mar. 22.
Husking unit. J. Powell. 1,622,207; Mar. 22.
Hydraulic engine. H. Hoyoss. 1,621,840; Mar. 22.
Identifying tag. C. M. Rice. 1,621,810; Mar. 22.
Ignition apparatus. H. E. Norviel. 1,622,164; Mar. 22.
Impeller. F. W. Caldwell. 1,622,222; Mar. 22.
Implement tongue. C. H. Rand. 1,622,231; Mar. 22.
Impulse generator, Adjustable. C. L. Paulus and R. Kauch. 1,622,121; Mar. 22.
Indicating device. E. Q. Moses, G. E. Terwilliger, and W. P. Hammond. 1,621,995; Mar. 22.
Indicator: *See*—
Direction indicator.
Ink and making the same. M. S. Hopkins and N. Underwood. 1,621,541; Mar. 22.
Ink, Intaglio. M. S. Hopkins and N. Underwood. 1,621,542; Mar. 22.
Ink, Printing. M. S. Hopkins and N. Underwood. 1,621,543; Mar. 22.
Insecticide and fungicide. K. S. Boynton. 1,621,825; Mar. 22.
Internal-combustion engine. H. R. Jones. 1,621,634; Mar. 22.
Internal-combustion engine. S. Summer. 1,622,010; Mar. 22.
Internal-combustion engine. J. M. Williams, jr. 1,622,015; Mar. 22.
Internal-combustion engine, Constant-pressure. P. A. Lawrence. 1,621,936; Mar. 22.
Internal-combustion engine, Heavy-oil. L. Corpi. 1,621,525; Mar. 22.
Ironing machines, Guard and stop for. H. Tucker. 1,622,214; Mar. 22.
Jack: *See*—
Testing jack.
Jack and puller, Combination. H. Carlson. 1,621,829; Mar. 22.
Jimmyproof automatic lock, Universal. C. W. Lanphere. 1,621,549; Mar. 22.
Joint: *See*—
Pipe joint. Universal joint.
Key case. C. Lorber. 1,621,795; Mar. 22.
Key case. C. Lorber. 1,621,797; Mar. 22.
Key compact. H. M. Colvin. 1,621,831; Mar. 22.
Key guide. H. F. McDonald. 1,621,637; Mar. 22.
Key holder. W. D. Gladstone. 1,621,777; Mar. 22.
Key holder. C. Lorber. 1,621,796; Mar. 22.
Kit for wagons, trucks, and the like. E. G. Handte. 1,621,536; Mar. 22.
Knee brace. F. Sheehan. 1,622,211; Mar. 22.
Knitting machines, Auxiliary take-up for. N. J. Perry. 1,621,550; Mar. 22.
Knitting machines, Feed mechanism for. M. C. Miller. 1,622,249; Mar. 22.
Label-sewing machine. P. W. Hatfield. 1,621,837; Mar. 22.
Lace manufacture. C. W. and H. L. Birkin and A. Coxon. 1,622,021; Mar. 22.
Lace tray cover or the like. S. N. Mallouk. Des. 72,268; Mar. 22.
Lamp. C. E. Godley. 1,621,585; Mar. 22.
Lamp and smoking stand, Combined floor. E. Schultz. Des. 72,285; Mar. 22.
Lamps, Shock-absorbing support for electric. S. Sokolow. 1,621,610; Mar. 22.
Lamps, Support for concealed dash. C. H. Culver. 1,621,873; Mar. 22.
Last. G. Clausing. 1,621,710; Mar. 22.
Last. W. A. Krentler. 1,621,988–9; Mar. 22.
Latch. J. Palacios. 1,621,808; Mar. 22.
Latch and guard, Window. A. Pavola. 1,621,740; Mar. 22.
Latch, Door. W. C. Devereaux. 1,621,497; Mar. 22.
Lead compounds, Making organic. T. Midgley, jr. 1,622,228; Mar. 22.
Leather dressing and tanning material. F. C. Atkinson. 1,622,127; Mar. 22.
Leather-edge-finishing machine. F. W. Merrick. 1,621,515; Mar. 22.
Leather-working machine. W. F. Blaney. 1,621,577; Mar. 22.
License plates, Frame for automobile. K. W. Collamore. 1,621,582; Mar. 22.
Life in living organisms in sealed containers and device therefor, Supporting. R. H. Wallace. 1,621,818; Mar. 22.
Lifter: *See*—
Valve lifter.
Light: *See*—
Flash light.
Light. F. P. Drohan. 1,622,187; Mar. 22.
Lights, System of guide. J. H. Hammond, jr. 1,621,878; Mar. 22.
Lighter, Portable. W. A. Guhman. 1,621,534; Mar. 22.
Line connection, Jerk-. P. A. Trapp. 1,622,070; Mar. 22.
Linen boiler. R. Mertens. 1,622,260; Mar. 22.
Link, Fusible. A. C. Rowley. 1,622,054; Mar. 22.
Liquid-dispensing device. C. Niederhauser. 1,622,163; Mar. 22.
Liquid-level gauge. G. J. Dunbaugh, jr. 1,621,584; Mar. 22.
Lock: *See*—
Car lock. Type lock.
Jimmyproof automatic lock.
Lock for box-car doors, Crank. A. E. Ashleman and T. E. Haney. 1,621,966; Mar. 22.
Lock for reversible outboard motors, Antitilting. J. A. Mould. 1,621,747; Mar. 22.
Lock valve for gasoline motor-supply tanks. J. R. Bingaman. 1,621,486; Mar. 22.
Locking device. A. E. Kintner. 1,621,934; Mar. 22.
Locomotive steam pipes. W. L. Reid. 1,621,600; Mar. 22.
Locomotives, Frame for electric. H. V. Wille, R. M. Campbell, and W. J. Etherington. 1,622,074; Mar. 22.
Loom for carpets, Power. P. and F. Renard. 1,622,123; Mar. 22.
Looms, Magazine for box. J. Taranto. 1,622,066; Mar. 22.
Loud speaker. M. C. Hopkins. Des. 72,261–2; Mar. 22.
Lubricating device. A. Thornbrugh. 1,621,644; Mar. 22.
Lubricating system. A. Couchman, L. F. Drinkhahn, and W. L. Phillips. 1,622,027; Mar. 22.
Lubricating system, Self-feeding rotating. C. W. Dworack. 1,622,186; Mar. 22.
Lubricator. A. Couchman and W. L. Phillips. 1,622,026; Mar. 22.
Lugs to vehicle wheels, Device for attaching. A. Ellsey. 1,622,189; Mar. 22.
Magnetic motor. J. G. Ruckelshaus. 1,622,255; Mar. 22.
Manicure rest. D. W. Kent and M. C. Gale. 1,621,789; Mar. 22.
Match-box-filling machine. A. F. Ney. 1,621,948; Mar. 22.
Measuring device for textile machinery incorporating a swift. H. Schweiter. 1,622,124; Mar. 22.
Measuring instruments, Attachment for. O. Gottschalk. 1,622,105; Mar. 22.
Meat-block cleaner. N. Cowan. 1,622,182; Mar. 22.
Meat platter or similar article. F. Schmidt. Des. 72,278; Mar. 22.
Metal bar, Cross-jointed. S. J. Guarneri. 1,622,235; Mar. 22.
Metal baths and making the same, Composition for treating. F. M. Becket. 1,622,078; Mar. 22.
Metal plates, Mechanism for producing. W. J. Stoop. 1,622,060; Mar. 22.
Meter connection. W. H. Kaiser. 1,621,986; Mar. 22.
Meter-reading apparatus. J. C. Lowe. 1,621,939; Mar. 22.
Mill. W. W. Gibson. 1,621,775; Mar. 22.
Minerals, Treatment of earthy. W. Feldenheimer. 1,622,099; Mar. 22.
Mirror. W. T. Henry. 1,622,114; Mar. 22.
Mirror, Overhead signal. S. S. Law. 1,622,157; Mar. 22.
Mold: *See*—
Butter mold. Casting mold.
Mooring device. E. Petersen. 1,621,809; Mar. 22.
Mooring masthead. R. M. Getchell. 1,622,140; Mar. 22.
Mop, Drying. S. L. Smith. 1,621,900; Mar. 22.
Motor: *See*—
Fluid-pressure motor. Magnetic motor.
Motor. R. L. Lee. 1,621,937; Mar. 22.
Motor-control system. E. C. Hellwig. 1,622,122; Mar. 22.
Mouse trap. E. C. Hardesty. 1,621,981; Mar. 22.
Musical instrument. W. Bartholomae. 1,622,219; Mar. 22.
Musical instrument. C. Springhorn. 1,622,009; Mar. 22.
Nail-driving implement. A. E. Taylor. 1,621,761; Mar. 22.
Nails or other articles from sheet or strip metal or material, Machine for manufacturing. F. Humphris. 1,622,144; Mar. 22.
Necktie. W. N. Romanoff. 1,621,753; Mar. 22.
Newspaper-dispensing machine. M. J. Kindrat and H. Zatxerkowny. 1,622,262; Mar. 22.
Nipples, Cleaner for nursing bottle. R. M. Brophy. 1,622,178; Mar. 22.
Note holder as new article of manufacture. C. Lile. 1,621,892; Mar. 22.
Nozzle, Self-cleaning. F. B. Comins and J. Armstrong. 1,622,090; Mar. 22.
Oar lock. J. L. Moore. 1,621,946; Mar. 22.
Oil burner. F. Hardinge. 1,621,537; Mar. 22.
Oil burner. C. M. Loepfe. 1,621,731; Mar. 22.
Oil can, Pump feed. G. Lidseen. 1,621,891; Mar. 22.
Oil separator, Water cooled. R. L. Alexander and H. W. Wishart. 1,621,707; Mar. 22.

Oils, Apparatus for treating crude. H. A. Hopkins. 1,621,782; Mar. 22.
Oiler, Automatic. D. J. Egan. 1,621,771; Mar. 22.
Ore pulp and the like, Apparatus for determining the specific gravity of. H. E. B. Haultain. 1,621,535; Mar. 22.
Ores with chloride solutions, Treatment of. N. C. Christensen. 1,621,969; Mar. 22.
Organ, Pipe. J. H. Hammond, jr. 1,621,879; Mar. 22.
Organs, Combination stop mechanism for. C. N. Deverall. 1,621,973; Mar. 22.
Ornament, Folding. S. S. Adams. 1,621,703; Mar. 22.
Oven grid. C. H. Napier. 1,621,895; Mar. 22.
Packer for plungers, Expansible. E. E. Miller. 1,622,043; Mar. 22.
Pad: *See*—
Auto condensation pad. Rug pad.
Painting apparatus. H. P. Gale. 1,622,224; Mar. 22.
Paper-feeding mechanism. L. H. Morse. 1,621,678; Mar. 22.
Paper machines, Dandy-roll support for. E. N. Daulton. 1,621,874; Mar. 22.
Paper, Making. L. Kirschbraun. 1,621,888; Mar. 22.
Paper or the like, Cover. T. L. Stone. Des. 72,291; Mar. 22.
Paper, Wrapping. D. and A. E. Espagnol. Des. 72,252; Mar. 22.
Pencil. J. Mitchell. 1,621,945; Mar. 22.
Pencil. L. Solinger. Des. 72,303; Mar. 22.
Pencil, Automatic. L. H. Lippert and R. Bergeson. 1,621,990; Mar. 22.
Phonograph. F. J. Seabolt. 1,622,005; Mar. 22.
Phonographic reproducing apparatus. A. A. Thomas. 1,622,011; Mar. 22.
Phosphorus pentoxide, Production of. G. Pistor. 1,622,206; Mar. 22.
Photographic exposures, Device for determining. E. Mayer. 1,621,991; Mar. 22.
Picture machine, Moving-. E. J. Roy. 1,621,953; Mar. 22.
Pig-breaking machine. J. P. Dovel. 1,622,029; Mar. 22.
Pin: *See*—
Coupling pin. Hair pin.
Pipe: *See*—
Tobacco pipe.
Pipe joint. A. G. Perkins. 1,621,950; Mar. 22.
Pipe-line system. G. D. Pogue. 1,621,683; Mar. 22.
Pipe-thread protector. H. A. Unke. 1,621,647; Mar. 22.
Pipes, columns, and the like, Manufacture, centrifugally, of. C. M. Ure. 1,622,012; Mar. 22.
Piston-ring-contracting tool. J. L. Oliver. 1,621,681; Mar. 22.
Piston rings, Making. R. A. Booker. 1,621,578; Mar. 22.
Pitman, Self-lubricating. T. M. Finley and A. W. Brown. 1,621,976; Mar. 22.
Placer-deposit washer and method of washing. H. N. Tracy. 1,621,604; Mar. 22.
Planers, Safety locking device for the shifting mechanism of metal. C. E. Linden and G. H. Langen. 1,622,159; Mar. 22.
Player instruments, Solo control for automatic. J. H. Hammond, jr. 1,621,880; Mar. 22.
Playing ball. G. L. Pierce. 1,621,898–9; Mar. 22.
Pliers, Cotter-pin-extracting. G. Besancon. 1,621,576; Mar. 22.
Plow hitch, Anti-side-draft. P. Hansmann and H. Strack. 1,621,638; Mar. 22.
Plows, Revoluble moldboard for. J. N. Ellenburg. 1,621,772; Mar. 22.
Pneumatically-operated lubricator. J. E. Erskine. 1,621,975; Mar. 22.
Pole end. W. F. Hofmann. Des. 72,258; Mar. 22.
Pole-puncturing machine. R. D. Valentine. 1,621,963; Mar. 22.
Porches, Capstone for. C. March. 1,621,799; Mar. 22.
Portière. E. Lengyel. Des. 72,267; Mar. 22.
Portières, curtains, and the like, Support for. A. Marcsukowski. 1,621,639; Mar. 22.
Power-transmitting apparatus. E. F. Austin and A. F. Phelps. 1,622,076; Mar. 22.
Press: *See*—
Filter press. Toggle press.
Riveting press.
Pressing arm. A. Hopkins. 1,622,195; Mar. 22.
Pressure regulator. R. E. Joyce. 1,622,151; Mar. 22.
Pressure processing. G. P. White. 1,621,698; Mar. 22.
Printed fabric. W. M. Whiting. 1,622,013; Mar. 22.
Printing machinery, Multicolor-. S. L. Sharpless. 1,621,607; Mar. 22.
Printing upon tin and the like, Plate for. M. J. Pickett. 1,621,952; Mar. 22.
Projecting apparatus. J. Proksa. 1,621,599; Mar. 22.
Propeller case. C. S. Egbert. 1,622,137; Mar. 22.
Puller: *See*—
Casing puller.
Pulling tool. W. J. Barnett. 1,622,218; Mar. 22.
Pulp-forming machine. C. J. Keenan, E. P. Kennedy, and G. H. Kirsch. 1,621,671; Mar. 22.
Pulp-molding machine. F. Louisot. 1,621,593; Mar. 22.
Pulverizer. H. E. Witz. 1,621,571; Mar. 22.
Pulverizer, Soil. J. Parker. 1,621,739; Mar. 22.
Pulverizing machine. W. K. Liggett. 1,621,938; Mar. 22.
Pump. V. L. and R. F. Formway. 1,621,978; Mar. 22.
Pump, Reciprocating. C. F. Sherwood. 1,621,858; Mar. 22.
Pump, Rotary. C. M. Conradson. 1,621,495; Mar. 22.
Pumping equipment, Shut-down device for oil-well-. J. Sutton. 1,621,692; Mar. 22.
Pumping rig. J. E. McComb. 1,621,940; Mar. 22.
Punch and die retainer. O. K. Richard and C. C. Richard. 1,621,811; Mar. 22.
Punching machine for inner tubes, Valve-hole-. H. D. Stevens. 1,622,256; Mar. 22.
Pyrotechnic lance holder. J. H. Shunk. 1,621,908; Mar. 22.
Rack: *See*—
Bobbin rack. Collapsible rack.
Radiator shutters, Making. S. Vernet. 1,621,696; Mar. 22.
Radiator, Wing-nose. P. G. Zimmermann and B. V. Korvin-Kroukovsky. 1,621,918; Mar. 22.
Radiators, Indicator for automobile. C. L. De Roehn. 1,622,095; Mar. 22.
Radio broadcasting system, Wired. R. D. Duncan, jr. 1,622,135; Mar. 22.
Radiocabinet. D. S. Spector. Des. 72,290; Mar. 22.
Radiographic examination, Method of and apparatus for. A. St. John. 1,622,149; Mar. 22.
Radio sets, Supply circuits for. J. G. Aceves. 1,622,170; Mar. 22.
Radiotelegraphy system. H. Chireix. 1,622,025; Mar. 22.
Radiotelephony. A. N. Goldsmith and J. Weinberger. 1,622,033; Mar. 22.
Rail anchor for railways. J. A. Hyle. 1,622,036; Mar. 22.
Rail clamp. C. C. Kelty. 1,622,152; Mar. 22.
Rail joint. L. D'Amours. 1,622,183; Mar. 22.
Rail joint. S. Myers. 1,622,238; Mar. 22.
Railway control, Automatic. G. M. B. Hawley. 1,621,838; Mar. 22.
Railway signaling. S. M. Lucas. 1,621,674; Mar. 22.
Railway signaling. F. H. Nicholson. 1,621,679; Mar. 22.
Railway system, Overhead. J. C. King. 1,621,790; Mar. 22.
Railway tie, Concrete. H. J. Lipham. 1,622,259; Mar. 22.
Railways, Air brake for. F. Kasantzeff. 1,621,987; Mar. 22.
Ratchet wrench. S. R. Enberg. 1,621,499; Mar. 22.
Reamer, Drill-hole. J. Ross. 1,621,812; Mar. 22.
Receptacle, Covered. C. J. Aulbach. 1,621,487; Mar. 22.
Reflector. C. E. Godley. 1,621,586; Mar. 22.
Refreshment dispenser, Liquid. H. Wanerman. Des. 72,301; Mar. 22.
Refrigerating systems, Compressor for. W. Burlingham and R. L. Lovell. 1,622,023; Mar. 22.
Register: *See*—
Autographic register. Automatic register.
Register hood. W. S. Eltera. 1,622,031; Mar. 22.
Regulator: *See*—
Pressure regulator. Temperature regulator.
Retard device. J. W. Motherwell and H. S. Baker. 1,621,738; Mar. 22.
Retort. G. M. Johns. 1,621,785; Mar. 22.
Retting tank. D. E. De Lape. 1,621,658; Mar. 22.
Rice food, Making fried. B. Yokoyama. 1,621,763; Mar. 22.
Ring: *See*—
Angle split ring.
Riveting press. M. O. Kuhn. 1,622,248; Mar. 22.
Rod: *See*—
Front rod. Sucker rod.
Rods, spindles, and the like, Locking device for adjustable. M. S. Napier, G. S. Wilkinson, and H. C. Tryon. 1,622,203; Mar. 22.
Rope cutter. J. H. Koehn. 1,621,672; Mar. 22.
Rubber sponge and making same. J. Lehr. 1,621,550; Mar. 22.
Rubber surfaces, Treating. G. F. Wikle. 1,621,615; Mar. 22.
Rug pad. R. Hendel. 1,622,035; Mar. 22.
Safety device and bumper. C. Kirch. 1,621,635; Mar. 22.
Safety plate against burning during cooking. A. Butz. 1,621,967; Mar. 22.
Salt and pepper shaker, Combined. A. J. Flauder. Des. 72,253–5; Mar. 22.
Sash guide. T. W. Holt. 1,621,507–8; Mar. 22.
Sash holder. O. Dannehl. 1,622,132; Mar. 22.
Sausage-twisting machine. J. L. Morris and C. H. Allen. 1,621,994; Mar. 22.
Sawmill carriages, Holding device for. R. W. Stockemer. 1,622,059; Mar. 22.
Saw, Motor-driven. C. Lynn. 1,622,120; Mar. 22.
Saw, Power. R. M. Kennedy. 1,622,237; Mar. 22.
Scaffold, Window washers. W. R. Tate. 1,622,067; Mar. 22.
Scale. N. A. Hallwood. 1,622,106; Mar. 22.
Scale, Weighing. H. Cummer. 1,622,092; Mar. 22.
Scale, Weighing. H. W. Hem. 1,622,113; Mar. 22.
Scale, Weighing. C. O. Marshall. 1,622,041; Mar. 22.
Scarf or the like, Lace. S. N. Mallouk. Des. 72,269–72; Mar. 22.
Scarf, Table. J. Derk. Des. 72,250; Mar. 22.
Scoop, Hydraulic. S. W. Briggs. 1,622,085; Mar. 22.
Scraper, Revolving. D. R. Throop. 1,621,646; Mar. 22.
Screen: *See*—
Vibrating screen. X-ray screen.
Scuttle ladder. M. B. Hemingway. 1,621,539; Mar. 22.
Sealing means. A. Schuh. 1,621,907; Mar. 22.
Seaming machine, Double-. W. Cameron. 1,621,580; Mar. 22.
Seat. H. W. Snyder. 1,621,520; Mar. 22.

Self-induction producer. M. Mallory. 1,621,552; Mar. 22.
Separating the whites from the yolks of eggs, Machine for. W. Conner. 1,622,181; Mar. 22.
Separator: *See*—
Oil separator.
Separator. T. J. Sturtevant. 1,621,564; Mar. 22.
Setting clamp, Ashlar-. D. N. Angel. 1,621,650; Mar. 22.
Sewing machines, Braider attachment for. D. L. Anthony. 1,622,171; Mar. 22.
Sewing machines, Oil pan for. I. Feldman. 1,622,258; Mar. 22.
Sharpener, Knife. L. M. Keezer and F. A. Osgood. 1,622,197; Mar. 22.
Sharpener, Lawn-mower. S. E. Cline. 1,621,524; Mar. 22.
Sheet-delivering device. A. and E. Kluge. 1,621,547; Mar. 22.
Sheet-delivery mechanism. A. and E. Kluge. 1,621,546; Mar. 22.
Sheet-feeding mechanism. W. M. Kelly. 1,621,788; Mar. 22.
Sheet material, Frame for flexible. E. R. Johnson. 1,621,727; Mar. 22.
Sheet-metal-cutting tool. F. J. McFarland. 1,621,798; Mar. 22.
Sheet metal, Expanded. H. M. Gersman. 1,621,664; Mar. 22.
Sheets from sheet bars, Rolling thin or middle. G. Boscarelli. 1,622,177; Mar. 22.
Shock absorber. J. S. Burwell. 1,621,579; Mar. 22.
Shock absorber. H. B. Gates. 1,621,532; Mar. 22.
Shock absorber and snubber combined. C. H. Linn. 1,622,200; Mar. 22.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,621,517; Mar. 22.
Shoe uppers, Individual toe expander for. E. O. Young. 1,621,617; Mar. 22.
Shoes, Apparatus for operating on parts of. E. E. Sabin. 1,621,519; Mar. 22.
Shore, Adjustable. H. H. Lampert. 1,622,038; Mar. 22.
Shredded wheat biscuit. Marking. G. M. Anderson; 1,621,863; Mar. 22.
Signal: *See*—
Automobile signal.
Silk, Manufacture of artificial. C. C. Jessen. 1,621,590; Mar. 22.
Sleeve-holder fastener. H. P. Nissen. 1,621,680; Mar. 22.
Slide, Children's. A. H. Daugherty. 1,622,093; Mar. 22.
Sling hook. H. F. Ruggles. 1,621,604; Mar. 22.
Smoker's companion. B. C. Howell. 1,622,196; Mar. 22.
Smoking stand. E. Schultz. Des. 72,286; Mar. 22.
Soap product, Manufacture of a finely-divided dry. R. L. Holliday. 1,621,506; Mar. 22.
Soda fountain. H. J. McCue. 1,621,846; Mar. 22.
Sound, Apparatus for and reproducing. F. W. Lee. 1,622,039; Mar. 22.
Sound record and making the same, Duplicate. R. Qualt, jr. 1,621,749; Mar. 22.
Spading tool. P. Eckley. 1,621,715; Mar. 22.
Speed device, Variable-. M. T. Weston. 1,621,915; Mar. 22.
Speed-reducing apparatus. A. Barbier. 1,622,217; Mar. 22.
Spike retainer. H. O. Crippen. 1,621,768; Mar. 22.
Spindle attachment. A. M. Drake. 1,622,234; Mar. 22.
Sprayer, Liquid. F. T. and W. W. Stewart. 1,622,213; Mar. 22.
Spring action. M. Stringer. 1,621,962; Mar. 22.
Spring suspension. A. F. Masury. 1,621,677; Mar. 22.
Stall for animals, Operating. O. Stader and J. B. Olson. 1,621,760; Mar. 22.
Stamp, Hand. H. Reichel. Des. 72,276; Mar. 22.
Stand: *See*—
Dispensing stand.
Stapler. J. B. Crofoot. 1,621,496; Mar. 22.
Staples, Clamping tool for wire-fence. J. A. Gaffney and M. J. Hanson. 1,621,631; Mar. 22.
Steam-generating apparatus, Domestic. F. L. Middleton. 1,621,736; Mar. 22.
Steam generator. O. H. Hartmann and A. Hermannz. 1,621,505; Mar. 22.
Steam trap, Expansion. R. J. Burns. 1,621,623; Mar. 22.
Steel, Alloy. W. H. Keen. 1,621,886; Mar. 22.
Steering gear, Hydraulic. C. H. Williams and M. L. Tucker. 1,621,916; Mar. 22.
Steering-wheel reminder. H. E. Hodgson. 1,621,882; Mar. 22.
Stocking, E. O. Nebel. Des. 72,302; Mar. 22.
Storage battery. G. W. Pollion. 1,622,230; Mar. 22.
Storage tank. B. S. Snow. 1,621,959; Mar. 22.
Stove, Air-heating oil. C. Davis. 1,622,184; Mar. 22.
Stove, Portable. W. T. Bishop. 1,622,176; Mar. 22.
Stove, Spirit. P. G. J. Colbourne. 1,622,180; Mar. 22.
Strap: *See*—
Fixture-attaching strap.
Submarines, Undersea-illuminating means for. W. Dobron. 1,622,186; Mar. 22.
Sucker rod, Quick-connecting. H. L. Sullins. 1,622,064; Mar. 22.
Sugar bowl or similar article. F. Schmidt. Des. 72,280; Mar. 22.
Sun watch, Waterproof vest-pocket. M. Frank. 1,621,661; Mar. 22.
Supporting device. F. Sohnle. 1,622,058; Mar. 22.
Supporting structure. C. S. Wagner. 1,621,649; Mar. 22.
Sweeper, Vacuum. C. C. Bain. 1,621,919; Mar. 22.
Swimmers hand paddle. C. H. Theobold. 1,621,693; Mar. 22.
Switch: *See*—
Combination switch. Electric switch.
Control switch.
Switch-interlocking device. F. C. Anderson. 1,622,019; Mar. 22.
Tab end. W. S. Hunkins. 1,621,589; Mar. 22.
Table and luggage carrier, Combination. R. G. Bryant. 1,621,922; Mar. 22.
Table and writing desk, Combination. F. Schimmel. 1,621,688; Mar. 22.
Table caster. O. W. Mann. 1,621,514; Mar. 22.
Table-cover holder. G. H. Harper. 1,621,720; Mar. 22.
Table for vegetables and fruits, Grading. S. B. Lindley. 1,621,744; Mar. 22.
Tank: *See*—
Retting tank. Storage tank.
Tank gauge, Automatic. T. A. Seraphin. 1,621,857; Mar. 22.
Tanning. J. K. Tullis. 1,621,612; Mar. 22.
Teapot or similar article. F. Schmidt. Des. 72,279; Mar. 22.
Teeth and improvements in dental filling materials, Composition of matter for capping pulps in. P. W. Kruger. 1,621,793; Mar. 22.
Teeth, Artificial. W. T. Smith. 1,621,643; Mar. 22.
Telegraph circuits, Combined resonant shunt device for. H. Nyquist. 1,621,557; Mar. 22.
Telegraph receiving system, Wireless-. H. J. Round. 1,622,000; Mar. 22.
Telephone mouthpiece. E. Sortelle and V. C. Porter. 1,622,061; Mar. 22.
Telephone receiver, Loud-speaking. H. Koch. 1,621,845; Mar. 22.
Telephone system, Automatic. J. E. Gardner. 1,621,503; Mar. 22.
Telephones, loud speakers, accoustic apparatus, and the like, Sound-box diaphragm for use in. F. Jokel. 1,621,670; Mar. 22.
Temperature regulator. G. E. Thorne. 1,621,816; Mar. 22.
Tennis racket. L. G. Morten. 1,621,746; Mar. 22.
Tensioning and twisting wires, Tool for. L. F. Hintz. 1,621,588; Mar. 22.
Tent support. B. H. Brooks. 1,622,232; Mar. 22.
Tentering machine. C. H. Ramsey. 1,622,049; Mar. 22.
Testing inflatable articles, Device for. M. H. Pade. 1,622,252; Mar. 22.
Testing jack. J. A. Beoddy. 1,621,867; Mar. 22.
Textile fabric. B. Holmes. Des. 72,259–60; Mar. 22.
Theft-preventing device. T. E. Daugherty. 1,621,925; Mar. 22.
Therapeutical and other purposes, Irradiation device for. F. Girard. 1,622,142; Mar. 22.
Thermostatic alarm. J. J. Comerford. 1,621,628; Mar. 22.
Thermostatic trap. H. D. Fitzgerald. 1,621,774; Mar. 22.
Thong cutter. L. E. Griswold. 1,621,718; Mar. 22.
Thread-cutting mechanism. S. W. Elstone. 1,622,190; Mar. 22.
Thread-cutting tool, Collapsible taper-. C. R. Edwards. 1,622,097; Mar. 22.
Thread tier. H. Boedker. 1,621,868; Mar. 22.
Tie: *See*—
Railroad tie.
Tire. J. R. Nevius. Des. 72,274; Mar. 22.
Tire armor, Pneumatic-. J. C. Mire. 1,622,161; Mar. 22.
Tire or similar article. R. W. Hutchens. Des. 72,263; Mar. 22.
Titanium alloy. A. W. Clement. 1,621,523; Mar. 22.
Tobacco pipe. W. H. Lewis. 1,621,890; Mar. 22.
Toggle press. N. W. Dorman and M. R. Hatch. 1,621,713; Mar. 22.
Toilet-flushing means. J. Moore. 1,621,737; Mar. 22.
Tone modifier. T. J. Siechta. 1,621,608; Mar. 22.
Tongs. G. W. Yanney and W. D. Keller. 1,621,701; Mar. 22.
Tool. W. P. Finkle. 1,622,102; Mar. 22.
Tooth cutter, Baby's. R. A. Tonks. Des. 72,292; Mar. 22.
Towing device. I. E. Boekenoogen and E. R. Ames. Re16,575; Mar. 22.
Toy, Animal. C. W. Mott. 1,621,803; Mar. 22.
Toy, Child's. A. E. Keeler. 1,622,198; Mar. 22.
Toy, Figure wheel walking. F. M. Mulligan. 1,621,996; Mar. 22.
Toy, Rocking-horse. A. O. Berg. 1,622,079; Mar. 22.
Toy, Soldier. E. V. Babbitt. 1,621,574; Mar. 22.
Toy, Spinning. W. J. Kerr. 1,622,199; Mar. 22.
Track extension. T. S. Ray. 1,621,687; Mar. 22.
Tractor scoop. S. W. Briggs. 1,622,083; Mar. 22.
Tractor, Three-wheeled. I. Sedgwick. 1,621,856; Mar. 22.
Tractor trailer. C. H. Land. 1,621,592; Mar. 22.
Trap: *See*—
Mouse trap. Thermostatic trap.
Steam trap.

Tray for gas and liquid contact apparatus. E. Jordan. 1,621,728; Mar. 22.
Treating animal tissue and products obtained therefrom. F. W. Weber. 1,621,965; Mar. 22.
Tree limbs or the like, Apparatus for supporting. C. D. Gilman. 1,621,776; Mar. 22.
Truck. W. J. Miller. 1,621,555; Mar. 22.
Truck. E. L. Schellens and J. S. Coffin, jr. 1,621,606; Mar. 22.
Truck and wagon dump, Combination. F. S. Harshbarger. 1,621,779; Mar. 22.
Tube: *See*—
X-ray tube.
Tube closure, Collapsible-. J. D. Miller. 1,621,801; Mar. 22.
Tube-stock-cutting apparatus. H. D. Stevens. 1,622,257; Mar. 22.
Tunnel forms, Jumbo for. H. E. Heller. 1,621,538; Mar. 22.
Turbine-blade. R. C. Allen. 1,621,618; Mar. 22.
Turbines and the like, Spiral casing for hydraulic. M. Haeberlein. 1,621,719; Mar. 22.
Turbines, Governing mechanism for steam. W. B. Flanders. 1,622,100; Mar. 22.
Turpentine-gathering apparatus. T. P. Keaton. 1,622,119; Mar. 22.
Type lock, Automatic. E. W. Beedle. 1,622,175; Mar. 22.
Typewriters, Case-shift mechanism for. O. A. Hokanson and J. F. Koca. 1,621,726; Mar. 22.
Typewriting machine. H. A. Avery. 1,621,488; Mar. 22.
Typewriting machine. A. G. F. Kurowski. 1,621,591; Mar. 22.
Typewriting machine. J. Waldheim. 1,621,613; Mar. 22.
Universal joint. F. A. Hayes. 1,621,667; Mar. 22.
Utensil. D. E. Shaw. 1,621,758; Mar. 22.
Vacuum cleaner. G. W. Minuth. 1,621,596; Mar. 22.
Vacuum feed system. J. L. Van Pelt. 1,621,817; Mar. 22.
Vacuum-producing apparatus. A. M. Kobiolke. 1,622,155; Mar. 22.
Valve. A. Thomson and J. W. Eskholme. 1,621,910; Mar. 22.
Valve, Apparatus for controlling the flow of fluid to a. W. G. Wilson. 1,622,016; Mar. 22.
Valve, Ball and seat. J. F. Larkin. 1,621,889; Mar. 22.
Valve-controlling mechanism. R. J. Buehler. 1,621,870; Mar. 22.
Valve, Fluid-controlling. C. H. Thomson, J. Cummiskey, C. J. Miller, and A. L. Jones. 1,622,069; Mar. 22.
Valve, Flush-tank. G. T. Wilhelm. 1,621,699; Mar. 22.
Valve generator arrangement. A. Meissner. 1,621,992; Mar. 22.
Valve lifter. W. L. Allen. 1,621,820; Mar. 22.
Valve mechanism. W. A. Dawson. 1,621,712; Mar. 22.
Valve, Quick-throw thermostat. W. B. Bastian. 1,621,806; Mar. 22.
Valve, Tank. R. A. McIntyre and A. D. Hastings. 1,621,638; Mar. 22.
Valve, Thermostatic. J. L. Ferris. 1,621,660; Mar. 22.
Valve, Triple. B. J. Minnier and C. A. Campbell. 1,621,944; Mar. 22.
Valves, Latch-releasing device for dry pipe. H. G. Carlson. 1,621,872; Mar. 22.
Vaporizer and burner, Oil. G. A. Humason and C. G. Lambert. 1,621,509; Mar. 22.
Vapors from gases, Recovering condensable. H. H. Armstrong. 1,621,821; Mar. 22.
Vehicle. E. J. Stahl. 1,622,240; Mar. 22.
Vehicle body door. J. Morrison. 1,621,802; Mar. 22.
Vehicle body, Sectional. A. F. Masury. 1,621,675; Mar. 22.
Vehicle brake. J. D. Van Derwyk. 1,621,912; Mar. 22.
Vehicle bumper. F. Renzulli. 1,622,050; Mar. 22.
Vehicle, Closed. W. H. Emond. 1,622,098; Mar. 22.
Vehicle construction, Cushion connection for. A. F. Masury. 1,621,676; Mar. 22.
Vehicle, Motor. J. C. M. Massey. 1,621,942; Mar. 22.
Vehicle rim. J. Wallace. 1,621,614; Mar. 22.
Vehicle wheel. C. S. Johnson. 1,621,932; Mar. 22.
Vehicles and the like, Antiglare shield for motor. W. C. Darby. 1,621,972; Mar. 22.
Vehicles, Electrical system for automotive. C. F. Kettering and J. H. Hunt. 1,622,154; Mar. 22.
Vehicles, Electrical system for motor. C. F. Kettering and J. H. Hunt. 1,622,153; Mar. 22.
Vehicles, Light mechanism for. R. W. Berry and G. W. Bird. 1,621,920; Mar. 22.
Vehicles, Operating auxiliary apparatus on motor driven. P. O. Dorer. 1,621,769; Mar. 22.
Vending machine. D. H. Stewart and G. W. Nelson. 1,621,960; Mar. 22.
Veneer wall. J. J. Fitz Gerald. 1,621,877; Mar. 22.
Ventilator: *See*—
Bus ventilator.
Ventilator. M. M. Garland. 1,621,531; Mar. 22.
Vibrating screen. G. A. Overstrom. 1,621,949; Mar. 22.
Voile fabric, Flocked. E. B. Vandergaw and J. Heinrich. Des. 72,293–300; Mar. 22.
Volatile substances, Separating. E. Wecker. 1,622,126; Mar. 22.
Vulcanizer. L. O. Snare. 1,621,958; Mar. 22.
Vulcanizing appartus. J. F. Mincher. 1,621,595; Mar. 22.
Wagon-box support. B. G. Rademacher. 1,621,685; Mar. 22.
Wagon gate closer, Dump-. S. W. Briggs. 1,622,084; Mar. 22.
Wall bracket, Portable. C. U. Senter. 1,622,057; Mar. 22.
Walls, Form holder for concrete. E. Watson. 1,622,072; Mar. 22.
Washing machine. C. Boyd. 1,622,130; Mar. 22.
Washing machine. H. F. Kuhns. 1,621,548; Mar. 22.
Washing machine. C. Lichterman. 1,622,227; Mar. 22.
Watch movements, Rest and holder for. J. I. Nasett. 1,621,805; Mar. 22.
Water heater, Electric. A. Martin. 1,621,800; Mar. 22.
Water-heating system. J. A. Powell. 1,621,853; Mar. 22.
Water-heating system, Thermostatically-controlled. M. Resek. 1,621,601; Mar. 22.
Water of condensation and gases entrained therewith from steam-heating systems, Apparatus for withdrawing. J. L. Fitts and K. W. Rohlin. 1,621,529; Mar. 22.
Waterproof composition and product produced thereby, Making. L. Kirschbraun. 1,621,791; Mar. 22.
Wave-bath machine. J. B. Wanko. 1,621,819; Mar. 22.
Wave motion for the propulsion of ships and their axillary machinery, Utilizing. T. R Bean and R. E. Taudevin. 1,622,173; Mar. 22.
Waves in radiofrequency circuits, Arrangement for eliminating distributing. M. Osnos. 1,621,998; Mar. 22.
Welding electrodes, Holder for electric-. C. J. Kotchi. 1,621,512; Mar. 22.
Welding machine, Electric-arc-. V. A. Nelson. 1,622,251; Mar. 22.
Welding-rod holder. C. M. Miller. 1,621,745; Mar. 22.
Wheel: *See*—
Vehicle wheel.
Wheel attachment. J. V. Laughland. 1,621,513; Mar. 22.
Wheel block. C. A. Goodspeed. 1,621,504; Mar. 22.
Wheel pressure of vehicles, Weighing screw jack for determining the. A van L. van den Heuvell. 1,621,911; Mar. 22.
Whirligig. E. R. Jenkins. 1,621,784; Mar. 22.
Winding and measuring machine, Automatic. G. Ritter. 1,622,254; Mar. 22.
Winding engine. T. S. Miller. 1,621,554; Mar. 22.
Winding machine. J. A. Heany. 1,621,723; Mar. 22.
Winding yarn, Machine for. R. G. Sharples and C. Wilbraham. 1,622,007; Mar. 22.
Window-cleaning device, Safety. H. P. Chiello. 1,621,626; Mar. 22.
Window-frame stile, Adjustable. C. H. Brennen. 1,622,022; Mar. 22.
Window-regulator handle or similar article, Plate for automobile. W. Schnell. Des. 72,284; Mar. 22.
Window-sash construction. D. R. Canny. 1,621,828; Mar. 22.
Window, Tilting-sash. F. W. Minich. 1,621,851; Mar. 22.
Windshield heater. H. P. Thompson. 1,622,068; Mar. 22.
Woodworking machine, Combination. J. D. Pierce. 1,621,999; Mar. 22.
Wrapping machines, Folding and filling mechanism for. M. J. Milmoe. 1,621,516; Mar. 22.
Wrench: *See*—
Ratchet wrench.
X-ray screen. H. S. Sawford. 1,621,814; Mar. 22.
X-ray tube. U. Fujimoto. 1,621,926; Mar. 22.
X-ray tube. M. Morrison. 1,621,852; Mar. 22.
X-rays, Screen for reducing secondary radiation from. H. S. Sawford. 1,621,813; Mar. 22.

CLASSIFICATION OF PATENTS

ISSUED MARCH 22, 1927.

NOTE.—First number=class, second number=subclass, third number=patent number.

1— 2.3: 1,621,496
2— 14: 1,621,629
22: 1,622,211
139: 1,622,037
155: 1,621,753
250: 1,621,826
4— 178: 1,621,819
227: 1,621,737
5— 114: 1,621,841
1,622,188
172: 1,621,885
260: 1,622,202
8— 5: 1,622,122
9— 21: 1,621,693
26: 1,621,946
10— 11: 1,622,144
95: 1,622,097
154: 1,622,190
12— 52: 1,621,519
64: 1,621,602
129.2: 1,621,617
136: 1,621,710
1,621,988
1,621,989
15— 2: 1,621,596
18: 1,621,919
28: 1,622,182
49: 1,622,166
56: 1,622,130
133: 1,621,489
1,621,567
206: 1,621,900
265: 1,621,787
16— 84: 1,621,974
17— 34: 1,621,994
39: 1,622,045
44: 1,622,102
18— 2: 1,621,595
17: 1,621,742
18: 1,621,958
47: 1,621,615
48.3: 1,621,749
54: 1,621,590
59: 1,622,077
19— 109: 1,622,246
20— 8: 1,622,104
12: 1,622,022
20: 1,621,669
1,621,717
21: 1,621,833
22: 1,621,966
40.5: 1,622,068
42: 1,621,851
53: 1,621,828
68: 1,621,740
69: 1,621,507
1,621,508
1,622,046
75: 1,622,103
22— 126: 1,622,047
23— 38: 1,621,927
165: 1,622,062
1,622,206
24— 15: 1,621,680
19: 1,621,490
76: 1,621,580
81: 1,621,730
99: 1,621,570
115: 1,621,691
125: 1,621,530
126: 1,622,109
1,622,110
135: 1,621,616
205: 1,622,250
236: 1,622,062
25— 30: 1,622,012
131: 1,621,538
1,621,563
1,622,072
26— 57: 1,622,049
29— 17: 1,621,502
19: 1,622,177
66: 1,622,020
86.2: 1,621,576
1,622,218
86.3: 1,621,820
86.4: 1,621,681
29— 88.2: 1,621,733
1,621,734
148: 1,621,696
1,621,705
155.5: 1,622,179
156.6: 1,621,578
30— 1: 1,621,572
1,621,641
14: 1,621,672
31— 44: 1,621,822
32— 9: 1,621,643
10: 1,621,762
12: 1,621,702
33— 1: 1,622,229
53: 1,622,193
62: 1,621,661
98: 1,622,158
130: 1,622,124
136: 1,622,254
147: 1,621,526
148: 1,621,778
176: 1,622,105
204: 1,621,835
34— 4: 1,621,706
24: 1,622,051
26: 1,621,909
33: 1,621,594
34: 1,621,651
46: 1,621,855
37— 129: 1,622,083
1,622,085
140: 1,621,646
40— 11: 1,621,802
19: 1,621,810
33: 1,622,210
61: 1,621,925
119: 1,622,223
125: 1,621,582
1,621,882
126: 1,622,196
148: 1,621,754
149: 1,622,020
156: 1,621,727
41— 11: 1,621,703
26: 1,622,013
42— 1: 1,622,160
43— 36: 1,622,118
46: 1,622,063
81: 1,621,981
45— 13: 1,621,792
24: 1,621,765
32: 1,621,690
1,622,226
61: 1,621,632
70: 1,621,688
97: 1,622,114
1,622,157
46— 14: 1,621,784
32: 1,622,199
40: 1,621,574
45: 1,621,803
1,621,996
47— 18: 1,621,850
24: 1,622,119
38: 1,621,818
39: 1,621,799
42: 1,621,776
48— 214: 1,621,652
49— 33: 1,622,040
50— 27: 1,622,151
51— 55: 1,621,553
135: 1,621,931
249: 1,621,524
278: 1,621,780
1,622,091
53— 1: 1,621,967
1,622,081
1,622,143
8: 1,622,075
55— 77: 1,621,739
83: 1,621,622
56— 22: 1,621,773
126: 1,621,642
330: 1,622,117
58— 87: 1,621,894
59— 96: 1,621,831
60— 44: 1,622,010
61— 12: 1,621,748
63— 2: 1,621,954
64— 96: 1,622,101
102: 1,621,667
65— 45: 1,621,514
54: 1,621,720
66— 24: 1,621,539
139: 1,622,249
67— 29: 1,621,551
115: 1,622,069
68— 10: 1,622,195
15: 1,622,221
30: 1,622,260
69— 17: 1,621,515
70— 16: 1,621,637
46: 1,621,549
50: 1,621,847
71— 9: 1,621,875
72— 41: 1,621,957
53: 1,621,950
66: 1,622,212
101: 1,621,877
117: 1,621,664
128: 1,621,650
73— 1: 1,621,986
51: 1,621,492
1,622,252
82: 1,621,584
110: 1,621,759
120: 1,621,857
74— 5: 1,621,940
7: 1,621,769
14: 1,621,977
1,622,076
1,622,217
17: 1,621,494
33: 1,622,028
39: 1,622,159
58: 1,622,264
78: 1,621,815
108: 1,621,858
109: 1,622,043
110: 1,621,844
119: 1,621,842
75— 1: 1,621,523
1,621,886
1,622,008
18: 1,621,969
49: 1,622,078
76— 86: 1,622,197
77— 69: 1,622,094
78— 49: 1,622,248
60: 1,621,573
80— 2: 1,622,060
20: 1,622,169
81— 3: 1,621,745
1,622,192
6: 1,621,805
60: 1,621,499
83— 9: 1,621,775
11: 1,621,571
1,621,809
1,621,938
84— 6: 1,622,009
83: 1,621,880
269: 1,621,735
337: 1,621,879
345: 1,621,973
383: 1,621,608
85— 2.4: 1,621,598
3: 1,621,624
9: 1,622,162
87— 5: 1,621,906
12: 1,622,126
16: 1,621,506
88— 1: 1,622,125
17: 1,621,599
18: 1,621,953
20: 1,622,215
24: 1,621,741
89— 27: 1,622,121
36: 1,622,084
173: 1,622,219
90— 5: 1,622,014
91— 45: 1,622,224
50: 1,622,174
92— 5: 1,621,658
92— 21: 1,621,791
41: 1,621,888
48: 1,621,874
54: 1,621,593
57: 1,621,671
93— 6: 1,621,516
95— 10: 1,621,991
45: 1,621,935
53: 1,621,903
96— 24: 1,622,021
97— 48: 1,621,633
121: 1,621,772
179: 1,621,764
237: 1,621,993
98— 20: 1,621,531
22: 1,621,770
103: 1,622,031
99— 8: 1,621,698
11: R. 16,576
1,621,763
1,621,863
101— 3: 1,621,587
54: 1,621,678
183: 1,621,907
287: 1,621,547
375: 1,621,952
102— 20: 1,621,908
103— 6: 1,621,529
22: 1,621,692
38: 1,621,495
50: 1,621,933
156: 1,621,978
104— 124: 1,621,790
251: 1,622,059
254: 1,621,708
105— 4: 1,621,917
1,621,979
47: 1,621,600
166: 1,621,493
172: 1,622,074
174: 1,621,606
205: 1,621,786
207: 1,621,827
270: 1,621,871
325: 1,621,558
106— 6: 1,621,793
107— 15: 1,621,896
21: 1,621,956
29: 1,622,115
54: 1,621,568
108— 5.4: 1,622,056
112— 104: 1,621,837
139: 1,622,171
113— 14: 1,621,580
38: 1,621,713
111: 1,621,540
114— 16: 1,622,186
21: 1,621,878
66.5: 1,621,839
67: 1,621,625
230: 1,621,809
115— 4: 1,622,173
18: 1,621,747
116— 51: 1,621,597
1,622,096
117: 1,622,095
118— 57: 1,621,848
119— 31: 1,621,544
98: 1,621,760
120— 18: 1,621,990
19: 1,621,945
121— 9: 1,621,662
17: 1,621,663
124: 1,621,840
169: 1,622,225
122— 34: 1,621,505
123— 27: 1,621,936
35: 1,621,525
55: 1,621,522
1,622,172
70: 1,621,634
146.5: 1,622,141
1,622,164
148: 1,621,552
169: 1,621,581
171: 1,621,816
123— 171: 1,621,943
1,622,015
173: 1,621,521
1,621,560
174: 1,621,755
184: 1,622,154
190: 1,621,732
126— 20: 1,621,736
29: 1,622,176
38: 1,622,180
95: 1,622,184
191: 1,621,500
339: 1,621,895
129— 1: 1,621,806
16: 1,622,003
41: 1,621,783
130— 5: 1,621,682
1,622,207
10: 1,621,928
131— 12: 1,621,890
37: 1,621,834
132— 38: 1,621,527
50: 1,621,924
73: 1,621,789
134— 35: 1,621,543
36: 1,621,541
1,621,542
135— 2: 1,622,232
136— 6: 1,622,230
83: 1,621,516
137— 21: 1,621,959
75: 1,621,876
76: 1,621,648
78: 1,621,683
91: 1,621,647
104: 1,621,699
1,621,910
144: 1,621,870
1,622,016
139—116.5: 1,622,123
245: 1,621,836
1,622,066
140— 55: 1,621,631
93: 1,621,588
141— 1: 1,622,178
9: 1,621,830
143— 68: 1,622,120
132: 1,622,237
144— 1: 1,621,999
2: 1,621,963
145— 30: 1,621,761
116: 1,622,209
146— 2: 1,622,181
107: 1,621,510
171: 1,621,968
174: 1,621,823
149— 4: 1,621,612
5: 1,621,965
6: 1,622,127
16: 1,621,577
18: 1,621,982
150— 1.5: 1,622,073
1.6: 1,622,017
40: 1,621,777
1,621,795
1,621,796
1,621,797
52: 1,622,137
151— 2: 1,622,203
53: 1,621,854
152— 14: 1,621,883
1,622,189
33: 1,622,161
153— 1: 1,621,655
154— 2: 1,621,550
1,622,048
1,622,116
54: 1,622,035
155— 22: 1,622,108
51: 1,621,520
134: 1,621,930
156— 15: 1,621,941
19: 1,621,63
44: 1,622,245
158— 4: 1,621,881
36: 1,621,537
36.1: 1,621,817
158— 65: 1,621,731
74: 1,621,509
159— 27: 1,621,862
164— 37: 1,621,718
41: 1,622,053
48: 1,621,666
61: 1,622,253
75: 1,621,605
78: 1,622,257
80: 1,621,798
97: 1,622,256
166— 19: 1,621,627
167— 6: 1,621,825
9: 1,621,528
169— 22: 1,621,872
42: 1,622,054
170— 159: 1,621,983
1,622,222
163: 1,621,603
171— 206: 1,622,185
209: 1,622,204
227: 1,622,145
172— 36: 1,621,937
126: 1,622,255
240: 1,621,914
174— 89: 1,622,244
177: 1,622,142
175— 41: 1,621,901
41.5: 1,621,659
1,621,721
1,621,722
1,622,052
91: 1,621,534
1,622,089
312: 1,622,004
320: 1,621,533
341: 1,622,080
177— 351: 1,621,939
179— 2: 1,622,135
4: 1,621,357
18: 1,621,503
100.1: 1,622,011
109: 1,621,562
111: 1,622,039
115: 1,621,845
171: 1,622,001
180: 1,622,150
188: 1,622,061
180— 10: 1,621,942
25: 1,621,856
80: 1,621,916
83: 1,621,997
181— 31: 1,621,670
183— 2: 1,622,134
55: 1,621,824
114.6: 1,621,821
184— 7: 1,621,975
1,622,027
11: 1,621,976
37: 1,622,026
55: 1,621,771
76: 1,621,804
106: 1,622,258
185— 40: 1,622,002
187— 2: 1,621,700
60: 1,621,887
188— 32: 1,621,504
33: 1,621,843
99: 1,621,653
152: 1,621,912
187: 1,621,915
250: 1,621,794
1,621,961
1,622,133
189— 1: 1,622,071
13: 1,622,086
23: 1,621,649
58: 1,621,951
192— 48: 1,622,146
84: 1,622,261
130: 1,622,214
193— 2: 1,621,743
194— 9: 1,621,756
196— 5: 1,621,782
197— 73: 1,621,468
1,621,726

197— 127: 1,621,613
186: 1,621,591
198— 21: 1,621,611
138: 1,621,859
200— 2: 1,621,867
42: 1,621,781
44: 1,621,729
87: 1,622,042
90: 1,621,021
1,622,018
93: 1,621,673
97: 1,622,044
141: 1,621,628
201— 76: 1,621,832
202— 14: 1,621,785
206— 44: 1,622,194
50: 1,621,860
208— 33: 1,622,198
42: 1,622,079
209— 12: 1,621,697
72: 1,622,243
84: 1,621,744
104: 1,621,695
110: 1,621,716
147: 1,621,575
347: 1,621,564
367: 1,621,949
210— 105: 1,621,684
152: 1,621,767
203: 1,621,725
211— 8: 1,621,619
1,621,960
1,621,971
1,622,262
14: 1,622,107
213— 26: 1,621,964
32: 1,621,517
164: 1,622,055
214— 2: 1,621,807
49: 1,621,779
115: 1,621,701
135: 1,622,239
215— 21: 1,621,923
38: 1,621,902
215— 46: 1,622,220
217— 24: 1,621,904
58: 1,622,128
219— 8: 1,621,512
1,622,251
32: 1,622,263
40: 1,621,800
221— 14.6: 1,621,491
26: 1,622,163
47.3: 1,621,657
51: 1,621,891
60: 1,621,801
107: 1,621,861
224— 29: 1,621,536
1,621,922
1,622,167
225— 27: 1,621,583
29: 1,621,846
226— 10: 1,621,948
102: 1,621,864
228— 50: 1,621,539
229— 6: 1,621,704
230— 6: 1,622,023
13: 1,622 155
24: 1,621,913
235— 1: 1,621,995
78: 1,621,609
89: 1,621,686
236— 20: 1,621,601
26: 1,621,668
42: 1,621,774
43: 1,621,640
46: 1,621,620
48: 1,621,866
59: 1,621,660
60: 1,621,623
78: 1,622,112
238— 10: 1,621,687
238— 115: 1,622,259
208: 1,622,183
210: 1,622,152
1,622,238
294: 1,621,768
330: 1,622,036
240— 8.16: 1,621,873
10.5: 1,621,610
1,621,955
41: 1,621,585
1,621,586
1,621,752
52: 1,621,645
62: 1,621,920
1,622,187
67: 1,622,057
85: 1,621,566
242— 18: 1,622,007
35.5: 1,621,723
117: 1,621,714
244— 1: 1,621,654
2: 1,622,140
15: 1,622,138
29: 1,622,191
1,622,208
30: 1,622,205
1,622,242
31: 1,621,918
1,622,241
246— 34: 1,621,674
1,621,679
41: 1,621,838
149: 1,622,019
449: 1,621,884
247— 2: 1,621,561
22: 1,622,087
27: 1,622,032
248— 2: 1,622,038
49: 1,622,058
250— 6: 1,622,033
17: 1,621,908
19: 1,622,025
20: 1,622,000
27: 1,622,170
250— 34: 1,621,813
1,621,814
1,622,149
35: 1,621,852
36: 1,621,902
251— 6: 1,621,486
36: 1,621,638
121: 1,621,889
122: 1,621,498
252— 8: 1,622,099
253— 77: 1,621,618
120: 1,621,719
254— 4: 1,622,201
166: 1,621,829
172: 1,622,139
184: 1,621,554
255— 7: 1,622,070
11: 1,621,636
13: 1,621,665
22: 1,621,689
24: 1,621,569
69: 1,621,921
75: 1,621,812
257— 29: 1,621,707
35: 1,622,024
245: 1,622,006
259— 73: 1,621,548
75: 1,622,227
260— 11: 1,622,228
1,622,233
33: 1,622,129
57: 1,622,168
106: 1,621,757
261— 30: 1,621,766
80: 1,622,131
113: 1,621,728
118: 1,621,853
262— 2: 1,621,694
264— 3: 1,621,545
17: 1,622,100
265— 36: 1,622,041
44: 1,621,535
52: 1,621,911
265— 62: 1,622,113
69: 1,622,106
70: 1,622,092
26: 1,621,532
30: 1,621,676
34: 1,622,200
45: 1,621,962
48: 1,621,579
52: 1,621,677
268— 41: 1,622,088
271— 46: 1,621,788
54: 1,621,546
272— 56.5: 1,622,093
273— 46: 1,621,565
50: 1,621,511
65: 1,621,898
1,621,899
73: 1,621,746
77: 1,621,750
79: 1,621,897
102: 1,621,656
119: 1,622,156
274— 15: 1,622,005
276— 42: 1,622,175
277— 32: 1,621,738
33: 1,621,712
38: 1,622,231
278— 38: 1,622,231
279— 30: 1,621,811
280— 83.1: 1,621,502
33.44: 1,621,849
34: 1,621,555
89: R. 16,575
143: 1,621,686
282— 16: 1,621,985
1,622,147
1,622,148
283— 6: 1,621,865
285— 170: 1,621,980
175: 1,622,216
286— 5: 1,621,709
6: 1,621,868
287— 51: 1,622,235
53: 1,622,234
119: 1,622,064
289— 17: 1,621,868
291— 34: 1,622,165
292— 57: 1,621,808
79: 1,622,132
128: 1,621,630
150: 1,621,934
164: 1,621,497
313: 1,621,907
293— 15: 1,621,635
55: 1,621,501
1,622,050
294— 49: 1,621,715
72: 1,621,970
83: 1,621,604
96: 1,621,947
296— 28: 1,621,675
1,622,098
37: 1,622,240
47: 1,621,802
97: 1,621,972
298— 24: 1,622,084
299— 15: 1,621,724
59: 1,622,060
80: 1,621,905
89: 1,622,213
301— 17: 1,621,932
30: 1,621,614
44: 1,622,111
47: 1,621,583
108: 1,621,556
303— 30: 1,621,987
38: 1,621,944
304— 18: 1,622,247
26: 1,621,626
27: 1,622,067
308— 51: 1,621,644
59: 1,621,711
93: 1,622,136
128: 1,621,751
235: 1,622,065

Mar. 29, 1927

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

A-C Scale Co., The, Cincinnati, Ohio. Weighing and counting scales. 225,822; Mar. 29; Serial No. 240,158; published Jan. 18, 1927.

Agmel Corporation, The, Los Angeles, Calif. Concentrated raw food. 225,891; Mar. 29; Serial No. 239,074; published Jan. 18, 1927.

Alcot Fabrics Inc., New York, N. Y. Silk piece goods. 225,961–3; Mar. 29; Serial Nos. 240,331–3; published Jan. 18, 1927.

Alexander Marketing Company, San Benito, Tex. Fresh vegetables and fruits. 226,096; Mar. 29; Serial No. 239,075; published Jan. 18, 1927.

American Biscuit Company, San Francisco, Calif. Biscuits and crackers. 226,131; Mar. 29; Serial No. 220,817; published Mar. 30, 1926.

American Cement Company, assignor to Giant Portland Cement Co., Philadelphia, Pa. Portland, natural rock, and improved cement. 62,710; renewed May 21, 1927.

American Cotton Oil Company, The, near Guttenburg, N. J., assignor to Lever Brothers Company, Portland, Me., and Cambridge, Mass. Cottonseed oil. 61,070; renewed Mar. 5, 1927.

American Disinfecting Company, Sedalia, Mo. Insecticides. 226,042; Mar. 29; Serial No. 240,387; published Jan. 11, 1927.

American Disinfecting Company, Sedalia, Mo. Insecticides and disinfectants. 226,043; Mar. 29; Serial No. 240,386; published Jan. 11, 1927.

American Disinfecting Company, Sedalia, Mo. Preparations for polishing wood floors, linoleums, etc. 226,044; Mar. 29; Serial No. 240,385; published Jan. 11, 1927.

American Disinfecting Company, Sedalia, Mo. Disinfectants and germicides. 226,045; Mar. 29; Serial No. 240,383; published Jan. 11, 1927.

American Disinfecting Company, Sedalia, Mo. Insecticides. 226,047; Mar. 29; Serial No. 240,391; published Jan. 11, 1927.

American Disinfecting Company, Sedalia, Mo. Disinfectants and germicides. 226,048; Mar. 29; Serial No. 240,390; published Jan. 11, 1927.

American Fruit Growers Incorporated, Wilmington, Del., and Pittsburgh, Pa. Apples. 226,103; Mar. 29; Serial No. 237,638; published Jan. 18, 1927.

American Glove Co., The, Chicago, Ill. Gloves, mittens, and gauntlets made of horsehide. 61,359; renewed Mar. 19, 1927.

American Grocer Company, Little Rock, Ark. Wheat flour. 225,875; Mar. 29; Serial No. 237,215; published Dec. 28, 1926.

American Laundry Machinery Company, The, Norwood Station, Cincinnati, Ohio. Pressing machines. 225,827; Mar. 29; Serial No. 240,054; published Jan. 18, 1927.

American Washboard Company, The, Cleveland, Ohio, assignor to National Washboard Company, Chicago, Ill. Washboards. 62,442; renewed May 7, 1927.

American Washboard Company, The, Cleveland, Ohio, assignor to National Washboard Company, Chicago, Ill. Washboards. 62,790; renewed May 28, 1927.

American Washboard Company, The, Cleveland, Ohio, assignor to National Washboard Company, Chicago, Ill. Washboards. 62,794; renewed May 28, 1927.

American Washboard Company, The, Cleveland, Ohio, assignor to National Washboard Company, Chicago, Ill. Washboards. 62,979; renewed June 4, 1927.

Ames Shovel and Tool Company, Boston, Mass. Shovels, spades, and scoops. 225,905; Mar. 29; Serial No. 240,944; published Jan. 11, 1927.

Ames Shovel and Tool Company, Boston, Mass. Shovels, spades, and scoops. 225,906–7; Mar. 29; Serial Nos. 240,941–2; published Jan. 11, 1927.

Ammonol Chemical Company, The, New York, N. Y. Analgesic and antipyretic. 63,920; renewed July 16, 1927.

Andrew's Mill Co., Andrew's Village, Woonsocket, R. I. Woolens and worsteds in the piece. 226,068–72; Mar. 29; Serial Nos. 241,376–80; published Jan. 18, 1927.

Anthony Mills, The. (See Kansas Flour Mills Corporation.)

Antiquarian Publishing Co., Inc., The, New York, N. Y. Magazine. 225,969; Mar. 29; Serial No. 240,945; published Jan. 11, 1927.

Appen-D-Form Company, The, to The Appen-D-Form Company, Elkhart, Ind. Ointment and salve. 64,450; renewed Aug. 6, 1927.

Arnesto Paint Co. Inc., New York, N. Y. Paint enamels. 225,900; Mar. 29; Serial No. 239,633; published Jan. 4, 1927.

Aron, J., & Company, Inc., New Orleans, La. Green coffee. 226,080; Mar. 29; Serial No. 241,024; published Jan. 18, 1927.

Arouni, Dr. Khalil, doing business as Atlas Eczema Co. and Atlas Products, St. Paul, Minn. Eczema salves. 225,945; Mar. 29; Serial No. 237,401; published Jan. 11, 1927.

Arrow Packing Co., Exeter, Calif. Fresh deciduous fruits. 226,104–5; Mar. 29; Serial Nos. 237,644–5; published Jan. 18, 1927.

Art Engraving and Novelty Company, Inc., New York, N. Y. Ladies' hand bags. 225,880; Mar. 29; Serial No. 238,945; published Dec. 26, 1926.

Associated Supply Company, Los Angeles, Calif. Steam engines, steam slush pumps, rotary drilling machines, etc. 226,128; Mar. 29; Serial No. 219,570; published Nov. 2, 1926.

Atlas Eczema Co. (See Arouni, Dr. Khalil.)

Atlas Publishing Company New York, N. Y. Publication. 226,023; Mar. 29; Serial No. 239,557; published Jan. 11, 1927.

Austin, Nichols & Co., Brooklyn, N. Y. Tea. 225,927; Mar. 29; Serial No. 224,070; published Jan. 18, 1927.

Autoplano Company, The, New York, N. Y. Self-playing pianos and piano players. 226,117; Mar. 29; Serial No. 238,478; published Jan. 11, 1927.

Avery Manufacturing Company, assignor to Avery Power Machinery Co., Peoria, Ill. Portable engines and traction engines. 64,009; renewed July 16, 1927.

Avery Manufacturing Company, assignor to Avery Power Machinery Co., Peoria, Ill. Thrashing and grain separating machinery. 64,026; renewed July 23, 1927.

Avery Manufacturing Company, assignor to Avery Power Machinery Co., Peoria, Ill. Thrashing and grain separating machines. 64,159; renewed July 30, 1927.

Avery Manufacturing Company, assignor to Avery Power Machinery Co., Peoria, Ill. Portable engines and traction engines. 64,160; renewed July 30, 1927.

Aycock Hosiery Mills, South Pittsburg, Tenn. Hosiery. 225,910; Mar. 29; Serial No. 240,581; published Jan. 4, 1927.

Ayers-Young Hat Co., Pittsburgh, Pa. Headwear. 64,603; renewed Aug. 13, 1927.

Badger Rubber Works, The, Milwaukee and Cudahy, Wis. Tires, tire casings, tire sleeves, and inner tubes. 225,872; Mar. 29; Serial No. 240,582; published Jan. 11, 1927

Badger Rubber Works, The, Milwaukee and Cudahy, Wis. Cements made wholly or partly of rubber. 225,909; Mar. 29; Serial No. 240,640; published Jan. 4, 1927.

Badger Rubber Works, The, Milwaukee and Cudahy, Wis. Automobile tires, casings, tubes, hose, and belts. 226,038; Mar. 29; Serial No. 240,583; published Jan. 11, 1927.

Baker, W. H., Inc., Red Hook, N. Y. Cocoa. 226,093; Mar. 29; Serial No. 238,245; published Jan. 18, 1927.

Ballard & Ballard Co., Louisville, Ky. Stock and poultry feed. 225,864–65; Mar. 29; Serial Nos. 241,128–9; published Jan. 18, 1927.

Baltz, J. & P., Brewing Co., The, Philadelphia, Pa. Beer. 64,387; renewed Aug. 6, 1927.

Baltz, J. & P., Brewing Co., The, Philadelphia, Pa. Beer. 64,613; renewed Aug. 13, 1927.

Barber Asphalt Paving Company, The, assignor to The Barber Asphalt Company, Philadelphia, Pa. Bituminous concrete pavements. 63,140; renewed June 11, 1927.

Barney & Gegenheimer, New York, N. Y. Printing equipment. 225,937; Mar. 29; Serial No. 232,240; published Jan. 18, 1927.

Beals, P. W., Candy Co., Detroit, Mich. Candy. 225,852; Mar. 29; Serial No. 241,025; published Jan. 18, 1927.

Bear Mill Manufacturing Company, Inc., New York, N. Y. Piece goods drills. 226,132; Mar. 29; Serial No. 225,161; published Jan. 18, 1927.

Bear Mill Manufacturing Company, Inc., New York, N. Y. Piece goods satine. 226,133; Mar. 29; Serial No. 225,162; published Jan. 18, 1927.

Beandry Candy Co., Los Angeles, Calif. Candies. 226,106; Mar. 29; Serial No. 237,649; published Jan. 18, 1927.

Bell, Silas D., Altus, Okla. Liquid preparation for the treatmeint of pyorrhea, etc. 225,853; Mar. 29; Serial No. 241,027; published Jan. 18, 1927.

Berger-Adams Petroleum Co., Coffeyville, Kans. Lubricating oils and greases. 226,059; Mar. 29; Serial No. 225,107; published Nov. 30, 1926.

Billingham, Henry, Seattle, Wash. Boiler-cleaning compound. 226,083; Mar. 29; Serial No. 233,523; published Nov. 30, 1926.

Bird, J. A. & W., & Co., assignor to The Flintkote Company, Boston, Mass. Felt and paper. 64,349; renewed Aug. 6, 1927.

Biroto, Perfumer, New York, N. Y. Cosmetics and toilet preparations. 225,948; Mar. 29; Serial No. 238,701; published Jan. 11, 1927.

Blome, George, & Son Co., The, Baltimore, Md. Candy. 225,856; Mar. 29; Serial No. 241,130; published Jan. 18, 1927.

Bloomfield, Julius, doing business as J. Bloomfield Co., New York, N. Y. Ladies' trimmed hats. 226,021; Mar. 29; Serial No. 236,671; published Jan. 4, 1927.

Bonner, Chas. G., doing business as Bonner Packing Co., Fresno, Calif. Dried seeded raisins. 225,903; Mar. 29; Serial No. 239,734; published Jan. 18, 1927.

Booth, J. Harold, Yonkers, N. Y. Puncture-proofing compound. 225,882; Mar. 29; Serial No. 239,229; published Jan. 11, 1927.

Borgfeldt, Geo., & Co., New York, N. Y. China for domestic and household purposes. 63,524; renewed June 25, 1927.
Borletti, Fratelli, Milan, Italy. Alarm clocks. 225,980; Mar. 29; Serial No. 228,691; published Jan. 11, 1927.
Boswell, William C., Baltimore, Md. Combination garden hoe and weeder. 225,915; Mar. 29; Serial No. 240,291; published Jan. 18, 1927.
Brauer Company, The. (See Teaver, Joe L.)
Bray, Geo., & Co. Ltd., Leeds, England. Gas burners of ordinary metals. 61,800–5; renewed Apr. 9, 1927.
Bridgeport Chain Company, The, Bridgeport, Conn. Wire chain. 64,129; renewed July 23, 1927.
British Pluviusin Company, Limited, The, Manchester, England, assignor, by mesne assignments, to The British Pluviusin Company, Limited, Eccles, near Manchester, England. Imitation leather. 61,696; renewed Apr. 2, 1927.
Brooker-Davis Paper Co., Columbia, S. C. Tube-repair kits for pneumatic vehicle tires. 225,901; Mar. 29; Serial No. 239,696; published Jan. 18, 1927.
Buckeye Paint & Varnish Co., The, Toledo, Ohio. Varnishes. 226,120; Mar. 29; Serial No. 191,997; published Mar. 9, 1926.
Buckeye Soda Company, The, Painesville, Ohio. Washing soda. 225,954; Mar. 29; Serial No. 239,879; published Jan. 11, 1927.
Buck's Stove & Range Company, The, St. Louis, Mo. Gas ranges. 225,920; Mar. 29; Serial No. 240,338; published Jan. 18, 1927.
Buffalo Specialty Company, Buffalo, N. Y. Animal and insect poison. 226,073; Mar. 29; Serial No. 241,391; published Jan. 18, 1927.
Bushnell, D. I., & Co., St. Louis, Mo. Corn. 60,645; renewed Feb. 19, 1927.
California Raisin-Iron Co. (See Whitt, Frances M.)
Cap-Cal-Ox Laboratory. (See Regan, William H.)
Cardiff Green Marble Co., Inc., The, Cardiff, Md., and New York, N. Y. Ground granules of serpentine rock commercially known as marble. 226,143; Mar. 29.
Carfiel, Theodore, doing business as Ted Carfiel of Louisiana, Donaldsonville, La. Vegetables. 226,113; Mar. 29; Serial No. 238,361; published Jan. 18, 1927.
Catlin & Co., Inc., New York, N. Y. Cotton piece goods. 225,837; Mar. 29; Serial No. 239,965; published Jan. 18, 1927.
Chandler, W. Ray, Marysville, Calif. Plums, cherries, apricots, and grapes. 226,119; Mar. 29; Serial No. 238,637; published Jan. 18, 1927.
Chapman Milling Company, The, Sherman, Tex. Wheat flour. 225,883; Mar. 29; Serial No. 239,462; published Dec. 28, 1926.
Cheltenham Knitting Co., Philadelphia, Pa. Men's underwear of knitted or woven fabric. 226,099; Mar. 29; Serial No. 240,065; published Jan. 11, 1927.
Chemical Foundation, Incorporated, The. (See Chemische Fabrik Rhenania, assignor.)
Chemical Foundation, Incorporated. (See Merck, Firm of E., assignor.)
Chemical Foundation, Incorporated, The. (See Vereinigte Chininfabriken Zimmer & Co., assignor.)
Chemical Foundation, Incorporated, The. (See Zeiss, Firm of Carl, assignor.)
Chemische Fabrik Rhenania, Aix-la-Chapelle, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Remedies for diarrhea and catarrh of the stomach and bowels. 29,831; renewed Apr. 13, 1927.
Chemische Fabrik Rhenania, Aix-la-Chapelle, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., Remedy for wounds. 29,836; renewed Apr. 13, 1927.
Chemosan Aktiengesellschaft, Vienna, Austria. Chemical preparations and apothecary goods. 225,870; Mar. 29; Serial No. 241,202; published Jan. 18, 1927.
Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece. 225,884; Mar. 29; Serial No. 239,740; published Jan. 11, 1927.
Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece. 226,061; Mar. 29; Serial No. 241,322; published Jan. 18, 1927.
Chula Vista Citrus Association, Chula Vista, Calif. Oranges, lemons, and grapefruit. 226,006; Mar. 29; Serial No. 235,114; published Jan. 18, 1927.
Chu-Moar Gum Company, The, North East, Md. Chewing gum. 225,942; Mar. 29; Serial No. 235,684; published Jan. 11, 1927.
Cinnamond, J. M., San Francisco, Calif. Floor cleaner. 226,090; Mar. 29; Serial No. 237,783; published Jan. 11, 1927.
City of Carlsbad. (See Eisner & Mendelson Company, assignor.)
Cleese, John P., Inc., San Francisco, Calif. Mattresses, cushions, pillows, etc. 225,885; Mar. 29; Serial No. 238,638; published Jan. 18, 1927.
Cleveland Baking Powder Company, New York, N. Y., assignor to Royal Baking Powder Company, New York, N. Y., and Jersey City, N. J. Baking powder. 63,803; renewed July 9, 1927.
Cleveland Fruit Juice Company, The, Cleveland, Ohio. Preserved fruits, flavorings, and combination of nuts, flavorings, and such fruits for use with ice cream. 225,896; Mar. 29; Serial No. 239,396; published Jan. 18, 1927.
Cleveland Twist Drill Company, The, Cleveland, Ohio. Metal-working small tools. 225,836; Mar. 29; Serial No. 239,971; published Jan. 18, 1927.
Cluff Manufacturing Co., San Francisco, Calif. Food-flavoring extracts, salad oil, vinegar, etc. 226,007; Mar. 29; Serial No. 235,120; published Jan 18, 1927.
Coes Wrench Co., Worcester, Mass. Wrenches. 64,696; renewed Aug. 20, 1927.
Cohon, Benjamin J., New York, N. Y. Devices to impregnate water with radium emanations. 225,958–60; Mar. 29; Serial Nos. 240,016–18; published Jan. 11, 1927.
Colburn, Mrs. Exzene T., doing business as Mrs. Exzene Colburn, Chicago, Ill. Pie dough. 225,938; Mar. 29; Serial No. 234,093; published Jan. 11, 1927.
Collins, J. N., Company, Minneapolis, Minn. Candies. 226,121; Mar. 29; Serial No. 198,788; published Jan. 18, 1927.
Colton Fruit Exchange, Colton, Calif. Oranges, lemons, and grapefruit. 226,003; Mar. 29; Serial No. 234,099; published Jan. 18, 1927.
Companion Products Company, Kansas City, Mo. Deodorizing powder. 226,062; Mar. 29; Serial No. 241,324; published Jan. 18, 1927.
Companion Products Company, Kansas City, Mo. Preparation for the feet having deodorizing and healing properties. 226,063; Mar. 29; Serial No. 241,326; published Jan. 18, 1927.
Concert Master Mfg. Company and Continental Corporation. (See Jackson, P. D.)
Connecticut Valley Tobacco Association, Incorporated, The, Hartford, Conn. Publication. 226,030; Mar. 29; Serial No. 239,844; published Jan. 11, 1927.
Conner Novelty Company, Ottumwa, Iowa. Cigar humidors. 226,011; Mar. 29; Serial No. 235,380; published Jan. 18, 1927.
Consolidated Tea Co. Inc., New York, N. Y. Tea. 226,125; Mar. 29; Serial No. 217; published Jan. 18, 1927.
Consrad Co., Inc., The, New York, N. Y. Monthly magazine. 225,933; Mar. 29; Serial No. 230,019; published Jan. 11, 1927.
Continental Baking Co., Inc., New York, N. Y., and Hoboken, N. J. Cake. 225,876; Mar. 29; Serial No. 238,165; published Nov. 16, 1926.
Continental Chemical Corporation of Illinois, Watseka, Ill. Semiliquid floor polish for all kinds of floors. 225,989; Mar. 29; Serial No. 235,638; published Jan. 11, 1927.
Continuous Torque Transmission Company, The, Cleveland, Ohio. Automobile transmissions. 226,035; Mar. 29; Serial No. 240,849; published Jan. 11, 1927.
Coors, Adolph Company, Golden, Colo. Malted milk. 226,152; Mar. 29.
Cox Confectionery Company, Boston and East Boston, Mass. Candy. 226,058; Mar. 29; Serial No. 224,449; published Jan. 18, 1927.
Crescent Chemical Company. (See Rhome, Eugenia W.)
Crosse & Blackwell (Manufacturing Company) Limited, London, England. Fish pastes. 225,848; Mar. 29; Serial No. 240,702; published Jan. 18, 1927.
Deere & Mansur Co., assignor to Deere & Company, Moline, Ill. Agricultural machines. 60,751; renewed Feb. 19, 1927.
Deere & Mansur Co., assignor to Deere & Company, Moline, Ill. Agricultural machines. 60,789–90; renewed Feb. 19, 1927.
Deerfoot, William, Iowa City, Iowa. Tone modifier. 226,075; Mar. 29; Serial No. 240,964; published Jan. 11, 1927.
Dell Publishing Company, New York, N. Y. Magazine published monthly. 226,034; Mar. 29; Serial No. 241,093; published Jan. 11, 1927.
Dell Publishing Company, New York, N. Y. Magazine. 226,046; Mar. 29; Serial No. 240,346; published Jan. 11, 1927.
Dieter, Paul R., Coffee Company, Wilkes-Barre, Pa. Coffee. 226,138; Mar. 29.
Dixon-Bartlett Co., Baltimore, Md. Ladies' and misses' leather shoes and slippers. 62,130; renewed Apr. 23, 1927.
Doniger, S. & Co., Inc., New York, N. Y. Surgical instruments. 226,147; Mar. 29.
Dougherty, Albert U., Muncie, Ind. Cookies. 226,156; Mar. 29.
Dueber-Hampden Watch Co., The, Canton, Ohio. Men's strap watches. 225,839; Mar. 29; Serial No. 239,847; published Jan. 11, 1927.
"Duré." (See Glatzer, Frances.)
Eagle Roller Mill Company, New Ulm, Minn. Wheat flour. 225,824; Mar. 29; Serial No. 240,134; published Jan. 18, 1927.
Eastman Kodak Company, Rochester, N. Y. Lacquers. 226,039; Mar. 29; Serial No. 240,542; published Jan. 11, 1927.
Economics Laboratory, Incorporated, St. Paul, Minn. Washing and cleaning compound. 226,028; Mar. 29; Serial No. 239,802; published Jan. 11, 1927.

Eisner & Mendelson Company of New York, New York, N. Y., assignor to City of Carlsbad, Carlsbad, Czechoslovakia. Mineral waters. 57,702; renewed Nov. 27, 1926.
El Cajon Valley Citrus Association, El Cajon, Calif. Oranges, lemons, and grapefruit. 226,008; Mar. 29; Serial No. 235,129; published Jan. 18, 1927.
El Cajon Valley Citrus Association, El Cajon, Calif. Oranges, lemons, and grapefruit. 226,017; Mar. 29; Serial No. 235,128; published Jan. 18, 1927.
Escondido Citrus Union, Escondido, Calif. Oranges, lemons, and grapefruit. 225,874; Mar. 29; Serial No. 236,416; published Jan. 11, 1927.
Ever Ready Rubber Products Corporation, San Francisco, Calif. Sanitary belts, napkin shields, and napkins. 226,134; Mar. 29.
Excelso Products Company, West Allis, Wis. Pigment coloring material for leather and leather stains. 225,941; Mar. 29; Serial No. 235,464; published Jan. 11, 1927.
Feigel, M., & Bro. Inc., New York, N. Y. Sizings. 226,020; Mar. 29; Serial No. 236,315; published Jan. 18, 1927.
Feldstein, Morris & Son, New York, N. Y. Laminated rubber compositions for outsoles and top lifts for shoe repairs. 226,151; Mar. 29.
Fernandez, José, to Hijos de Jose Fernandez, Huatusco, Vera Cruz, Mexico, successor. Coffee in grain. 60,520; renewed Feb. 12, 1927.
Feuerstein, Bernard L., doing business as Pennsylvania Oil & Refining Co. of New York, New York, N. Y. Lubricating oils and greases. 226,123; Mar. 29; Serial No. 210,959; published June 2, 1925.
Figaro Chemical Company, Dallas, Tex. Salt. 225,955; Mar. 25; Serial No. 239,881; published Jan. 11, 1927.
Fischer, Haydn L., doing business as Sugar Products Co., Not Inc., Kewanee, Ill. Laxatives. 226,049; Mar. 29; Serial No. 240,180; published Jan. 11, 1927.
Fisher Flouring Mills Company, Seattle, Wash. Wheat flour. 225,845; Mar. 29; Serial No. 240,706; published Jan. 18, 1927.
Flintkote Company, The. (See Bird, J. A. & W., & Co., assignor.)
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 225,842; Mar. 29; Serial No. 240,780; published Jan. 18, 1927.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 225,843; Mar. 29; Serial No. 240,778; published Jan. 18, 1927.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 225,844; Mar. 29; Serial No. 240,774; published Jan. 18, 1927.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 225,846; Mar. 29; Serial No. 240,773; published Jan. 18, 1927.
Foster, Ephriam A., Massillon, Ohio. Preparation for the relief of coughs. 226,050; Mar. 29; Serial No. 210,136; published Jan. 11, 1927.
Fre-Lax Medicine Company, Fall River, Mass. Cough medicine. 225,857; Mar. 29; Serial No. 241,150; published Jan. 18, 1927.
French, Samuel H., & Co., assignor to Samuel H. French & Co., Philadelphia, Pa. Paint and varnish brushes. 60,522; renewed Feb. 12, 1927.
French, Samuel H., & Co., assignor to Samuel H. French & Co., Philadelphia, Pa. Calcined plasters and casting plasters. 62,834; renewed May 28, 1927.
Fromm, F. H., & Co., to F. H. Fromm, doing business as F. H. Fromm & Co., Philadelphia, Pa. Canned sardines. 64,384; renewed Aug. 6, 1927.
Furmoto Chemical Co. (See Thornfield, Charles.)
Gabrielson, Alfred, San Francisco, Calif. Canned and dried fruits and canned vegetables. 225,984; Mar. 29; Serial No. 232,671; published Jan. 11, 1927.
Garratt, J. E., doing business as The Ryvita Company, London, England. Bread. 226,060; Mar. 29; Serial No. 225,412; published Dec. 28, 1926.
Gebr. Böhler & Co. Aktiengesellschaft, Berlin, Germany. Cast steel. 61,598; renewed Mar. 26, 1927.
Gerken, J. D., Co., The, Toledo, Ohio. Air-deflecting shields for radiators. 225,917; Mar. 29; Serial No. 240,251; published Jan. 18, 1927.
Giant Portland Cement Company. (See American Cement Company, assignor.)
Gilbert & Thomas, Los Angeles, Calif. Oranges, lemons, and grapefruit. 225,881; Mar. 29; Serial No. 239,103; published Jan. 11, 1927.
Gillette Safety Razor Company, Boston, Mass. Surgical knives and parts thereof. 225,930; Mar. 29; Serial No. 227,009; published Jan. 11, 1927.
Gilmore, Folliard F., Boston, Mass. Diamond-pointed cutting, dressing, and turning tools. 226,024; Mar. 29; Serial No. 239,410; published Jan. 18, 1927.
Glatzer, Frances, New York, N. Y. Hair shampoo, hair washes, hair dyes, etc. 225,985; Mar. 29; Serial No. 234,835; published Jan. 11, 1927.
Glatzer, Frances, doing business as "Duré," New York, N. Y. Lip and face rouge, face and talcum powder, toilet water, etc. 226,005; Mar. 29; Serial No. 234,834; published Jan. 11, 1927.
Globe Varnish Company, Chicago, Ill. Dry, paste, and ready-mixed paint, paint enamels, and varnishes. 226,122; Mar. 29; Serial No. 210,519; published Feb. 9, 1926.
Godde, Albert, Bedin, Inc., New York, N. Y. Silk piece goods. 226,066; Mar. 29; Serial No. 241,367; published Jan. 18, 1927.
Godde, Albert, Bedin, Inc., New York, N. Y. Silk piece goods. 226,067; Mar. 29; Serial No. 241,369; published Jan. 18, 1927.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Tires and tubes. 225,965; Mar. 29; Serial No. 204,165; published Jan. 18, 1927.
Gousha, H. M., Company, The, Chicago, Ill. Road maps. 226,094; Mar. 29; Serial No. 238,315; published Jan. 11, 1927.
Green & Green Co., The, Dayton, Ohio. Crackers, cakes, wafers, soda biscuits, and cracker meal. 226,054; Mar. 29; Serial No. 213,965; published Jan. 11, 1927.
Greenleaf Ranch, and Sacramento & San Joaquin Land Company. (See Miles, William O.)
Gunderson, Charles, Chicago, Ill. Dressed poultry. 225,859; Mar. 29; Serial No. 241,153; published Jan. 18, 1927.
Gurley Candy Co., Minneapolis, Minn. Candy. 226,076; Mar. 29; Serial No. 240,973; published Jan. 18, 1927.
Gutradt, Joseph, Company, San Francisco, Calif. Soaps. 225,947; Mar. 29; Serial No. 238,222; published Jan. 11, 1927.
Guy, Curran & Co., assignor to Guy, Curran, Incorporated, Washington, D. C. Knitted hosiery, knitted undershirts and drawers. 61,753; renewed Apr. 2, 1927.
H. O. Drug Company. (See O'Shaughnessy, William J.)
Hall-Luhrs & Company, Sacramento, Calif. Canned fruits and vegetables and dried fruits. 226,084; Mar. 29; Serial No. 233,543; published Jan. 11, 1927.
Hall Milling Company, (See Kehlor Flour Mills Company, assignor.)
Hansen's, Chr., Laboratory, Inc., Litte Falls, N. Y. Food colors. 225,835; Mar. 29; Serial No. 239,982; published Jan. 18, 1927.
Harris, Frank E. Co. Inc., Binghamton, N. Y. Food-flavoring extracts. 226,057; Mar. 29; Serial No. 224,392; published Mar. 9, 1926.
Hartman, Henry, Toledo, Ohio. Medical preparation for the relief of dropsy. 225,854; Mar. 29; Serial No. 241,051; published Jan. 18, 1927.
Heitman, Herbert A., Houston, Tex. Rubber tube patches. 225,904; Mar. 29; Serial No. 239,751; published Jan. 18, 1927.
Henrichs, H. F., Litchfield, Ill. Magazine. 226,091; Mar. 29; Serial No. 238,177; published Jan. 11, 1927.
Hicks, H., & Son, Inc., New York, N. Y. Canned fruits, dried fruits, candied fruits, fresh fruits, etc. 226,001; Mar. 29; Serial No. 230,998; published Jan. 18, 1927.
Hoffman, George W., assignor to Geo. Wm. Hoffman Co., Indianapolis, Ind. Compound for polishing metals and other hard materials. 64,090; renewed July 23, 1927.
Hollywood Beauty Products Co., Los Angeles, Calif. Cosmetics. 225,892–3; Mar. 29; Serial Nos. 239,109–10; published Jan. 18, 1927.
Hood Rubber Company, East Watertown and Boston, Mass., to Hood Rubber Company, Watertown, Mass. Rubber boots and shoes. 62,999; renewed June 4, 1927.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, sachets, etc. 226,004; Mar. 29; Serial No. 234,476; published Jan. 18, 1927.
Hughes, John, Liverpool, England. Tea. 226,009; Mar. 29; Serial No. 239,857; published Jan. 11, 1927.
Hunt, Rodney, Machine Company, Orange, Mass. Washers and reel machines used in the textile industry. 226,146; Mar. 29.
Hylton Coffee Co., Inc., Wilkinsburg Borough, Pittsburgh, Pa. Coffee. 226,114; Mar. 29; Serial No. 238,374; published Jan. 18, 1927.
Hylton Coffee Co. Inc., Wilkinsburg Borough, Pittsburgh, Pa. Coffee. 226,118; Mar. 29; Serial No. 238,502; published Jan. 18, 1927.
I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, and Uerdingen, Germany. Adhesives. 225,918; Mar. 29; Serial No. 240,243; published Dec. 28, 1926.
International Silver Company, Meriden, Conn. Base-metal table cutlery. 225,897; Mar. 29; Serial No. 239,417; published Jan. 18, 1927.
Iteco Company, The, Portland, Oreg. Condensation material for dental work and dentures. 225,944; Mar. 29; Serial No. 236,939; published Jan. 11, 1927.
Jackson, P. D., doing business as Concert Master Mfg. Company and Continental Corporation, Chicago, Ill., and Newark, N. J. Radio vacuum tubes. 226,115; Mar. 29; Serial No. 238,377; published Jan. 18, 1927.
Jaffee, L. J. & C. D., Inc., New York, N. Y. Young men's clothing—viz, suits in two and three piece garments, etc. 226,092; Mar. 29; Serial No. 238,179; published Jan. 11, 1927.
Jass Manufacturing Co., Atlanta, Ga., and Philadelphia, Pa. Cloth by the piece. 225,878; Mar. 29; Serial No. 238,553; published Nov. 23, 1926.
Jewett, William B., Watertown, N. Y. Special biscuit food for wild game, poultry, and animals. 226,144; Mar. 29.
Jones, Frank G., doing business as The Ohio Valley Oil Co., East Liverpool, Ohio. Gasoline and motor oils. 226,124; Mar. 29; Serial No. 216,105; published Jan. 5, 1926.

Josephy, Hugo, & Son, Inc., New York, N. Y. Dressed poultry. 226,149; Mar. 29.

Kansas Flour Mills Corporation, The, doing business as The Anthony Mills, Kansas City, Mo., and Anthony, Kans. Wheat flour. 225,971; Mar. 29; Serial No. 240,717; published Jan. 11, 1927.

Kansas Flour Mills Corporation, The, doing business as The Pratt Mills, Kansas City, Mo., and Pratt, Kans. Wheat flour. 225,972; Mar. 29; Serial No. 240,716; published Jan. 11, 1927.

Karnak Chemical Company, West Chester, Pa. Salve for scalds, wounds, cuts, burns, etc. 225,823; Mar. 29; Serial No. 240,140; published Jan. 11, 1927.

Karnes, F. V., & Co., San Francisco, Calif. Automobile polish. 225,922; Mar. 29; Serial No. 219,283; published Jan. 11, 1927.

Kaw Products Co., Inc., Philadelphia, Pa. Castor oil, iodine, talcum powder, and cough mixtures. 225,916; Mar. 29; Serial No. 240,263; published Jan. 18, 1927.

Kebler Flour Mills Company, St. Louis, Mo.; Kansas City, Kans.; and East St. Louis, Ill., assignor to Hall Milling Company, St. Louis, Mo. Wheat flour. 62,942; renewed May 28, 1927.

Keeps-Kleer Co., San Francisco, Calif. Preparation for preventing the collection of moisture or water upon surfaces. 226,026; Mar. 29; Serial No. 239,372; published Jan. 11, 1927.

King Union Company, Inc., The, Hillsgrove, R. I. Metal pipe unions. 225,898; Mar. 29; Serial No. 239,587; published Jan. 18, 1927.

Knickerbocker Silk Co., New York, N. Y. Silk piece goods and silk velvets in the piece. 226,015; Mar. 29; Serial No. 235,805; published Jan. 18, 1927.

Kondazian, Charles H., New York, N. Y. Perfumes. 225,861; Mar. 29; Serial No. 241,107; published Jan. 18, 1927.

Laird, W. M., Company, Pittsburgh, Pa. Leather boots and shoes. 64,563; renewed Aug. 13, 1927.

Lake Shore Elevator Company, The, Cleveland, Ohio. Manufactured livestock foods. 225,990; Mar. 29; Serial No. 236,758; published Jan. 11, 1927.

Lambert Sales Company, Inc., Manila, P. I., and New York, N. Y. Ladies' underwear of knitted and textile fabric. 226,085; Mar. 29; Serial No. 234,133; published Nov. 30, 1926.

Landau, John A., New York, N. Y. Yarns. 226,136; Mar. 29.

Larrabee Flour Mills Company, The, doing business as The Monarch Milling Company, Kansas City, Mo. Wheat flour. 225,967; Mar. 29; Serial No. 240,034; published Jan. 11, 1927.

Larrabee Flour Mills Company, The, doing business as The Monarch Milling Company, Kansas City, Mo. Wheat flour. 226,031–2; Mar. 29; Serial Nos. 240,032–3; published Jan. 11, 1927.

Lavalon Laboratories. (See Mingus, Maude A.)

Lawrence, W. W., & Company, Pittsburgh, Pa. Nitrocellulose lacquer finish, ready-mixed paints and varnishes. 226,157; Mar. 29.

Lazenby, E., & Son, Limited, London, England. Thick sauce for use on meats or fish or in soups. 226,002; Mar. 29; Serial No. 233,495; published Jan. 18, 1927.

Leggett, Francis H., & Company, New York, N. Y. Powdered bluing. 226,074; Mar. 29; Serial No. 241,418; published Jan. 18, 1927.

Lehman, Bess C., Evansville, Ind. Pies. 225,991; Mar. 29; Serial No. 236,806; published Jan. 11, 1927.

Leonardi, Sydney B., Tampa, Fla., assignor to S. B. Leonardi & Co. Inc., New Rochelle, N. Y. Medicines. 64,635; renewed Aug. 13, 1927.

Lesh, C. P., Paper Company, Indianapolis, Ind. Enameled book paper. 226,107; Mar. 29; Serial No. 237,673; published Jan. 4, 1927.

Lesher-Raig Knitting Co. Limited, Reamstown, Pa. Knitted underwear. 64,223; renewed July 30, 1927.

Les Parfums de Rosine, Inc., New York, N. Y. Toilet articles. 225,833; Mar. 29; Serial No. 239,992; published Jan. 18, 1927.

Les Parfums de Rosine, Inc., New York, N. Y. Toilet articles—namely, face lotions, face creams, face powders, toilet powders, etc. 225,834; Mar. 29; Serial No. 239,087; published Jan. 18, 1927.

Letellier Laboratories of New Jersey, Inc., Williamstown, N. J. Fluid cementing material for use in repairing aluminum, etc. 225,866; Mar. 29; Serial No. 240,308; published Dec. 28, 1926.

Lever Brothers Company, The. (See American Cotton Oil Company, assignor.)

Libbey-Owens Sheet Glass Company, Toledo, Ohio. Sheet glass. 226,150; Mar. 29.

Lohr, A., Bottling Co., Cairo, Ill. Soda water and mineral water. 63,254; renewed June 11, 1927.

Lowenstein, M., & Sons, Inc., New York, N. Y. Cotton, silk, and artificial-silk piece goods and combinations of the same. 226,081; Mar. 29; Serial No. 232,618; published Jan. 11, 1927.

Lunkenheimer Company, The, Cincinnati, Ohio. Lubricators. 63,034—5; renewed June 4, 1927.

Lynx Corporation, New York, N. Y. Piece goods. 226,064; Mar. 29; Serial No. 241,342; published Jan. 18, 1927.

Lynx Corporation, New York N. Y. Woolen piece goods. 226,065; Mar. 29; Serial No. 241,343; published Jan. 18, 1927.

Maclin-Zimmer-McGill Tobacco Co. Incorporated, Petersburg, Va. Smoking and chewing tobacco and snuff. 225,858; Mar. 29; Serial No. 241,168; published Jan. 18, 1927.

Maclin-Zimmer-McGill Tobacco Co. Incorporated, Petersburg, Va. Smoking and chewing tobacco and snuff. 225,860; Mar. 29; Serial No. 241,169; published Jan. 18, 1927.

Maglio, Joseph A., New York, N. Y. Breath tablets. 225,979; Mar. 29; Serial No. 224,714; published Jan. 11, 1927.

Marathon Rubber Company, Inc., Akron, Ohio. Soles and heels for boots and shoes. 226,055; Mar. 29; Serial No. 221,750; published Dec. 7, 1926.

Martin, Frances M., doing business as Rose Mfg. Co., New York, N. Y. Hair grower. 225,871; Mar. 29; Serial No. 241,170; published Mar. 18, 1927.

Martin, T. S., Company, Sioux City, Iowa. Men's suits and coats and women's suits, coats, and dresses. 226,145; Mar. 29.

Marvel Company, The, West Haven, Conn. Syringes. 226,077; Mar. 29; Serial No. 240,987; published Jan. 11, 1927.

Marvel Mfg. Co., Muscatine, Iowa. Rug and carpet cleaner and color restorer. 225,931; Mar. 29; Serial No. 228,326; published Jan. 11, 1927.

Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 53,925; renewed June 12, 1926.

Mattson Coffee Co., Philadelphia, Pa. Tea. 226,087; Mar. 29; Serial No. 240,670; published Jan. 11, 1927.

McGavin's Bread, Inc., Denver, Colo. Bread. 225,992; Mar. 29; Serial No. 236,846; published Jan. 11, 1927.

Merck, Firm of E., Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Antiseptics and antipyretics. 29,914; renewed Apr. 27, 1927.

Metropolitan Electric Mfg. Co., Long Island City, N. Y. Mirrors. 225,964; Mar. 29; Serial No. 240,312; published Jan. 18, 1927.

Meyer, Wm., Company, The, Chicago, Ill. Electric hair driers. 225,983; Mar. 29; Serial No. 232,407; published Jan. 11, 1927.

Mid-California Citrus Association, Porterville, Calif. Oranges, lemons, and grapefruits. 226,010; Mar. 29; Serial No. 235,160; published Jan. 18, 1927.

Miles, William O., doing business as Greenleaf Ranch, and Sacramento & San Joaquin Land Company, Fresno and Gregg, Calif. Fruits. 226,108; Mar. 29; Serial No. 237,683; published Jan. 18, 1927.

Milwaukee Cheese Company, Milwaukee, Wis. Cheese. 226,135; Mar. 29.

Mingus Maude A., doing business as Lavalon Laboratories, San Francisco, Calif. Hair rinses. 225,855; Mar. 29; Serial No. 241,062; published Jan. 18, 1927.

Minneapolis Milling Company, Minneapolis, Minn. Wheat flour. 225,862–3; Mar. 29; Serial Nos. 241,111–12; published Jan. 18, 1927.

Missouri Butterine Co. (See St. Louis Independent Packing Company.)

Mohawk Rubber Company, The, Akron, Ohio. Tires and inner tubes, etc. 225,929; Mar. 29; Serial No. 225,484; published Jan. 18, 1927.

Monarch Milling Company, The. (See Larabee Flour Mills Company, The.)

Monteverde, Rolandelli & Parodi, Inc., San Francisco, Calif. Olive oil. 225,998; Mar. 29; Serial No. 228,616; published Jan. 18, 1927.

Moore, Benjamin, & Co., New York, N. Y. and Jersey City, N. J. Dry and mixed paints and pigment colors. 63,466; renewed June 25, 1927.

Morey, S. C., Mercantile Company, The, to The Morey Mercantile Company, Denver, Colo., successor. Canned fruits and vegetables. 63,802; renewed July 9, 1927.

Morici, Antonio, Co., Chicago, Ill. Loose, canned, and packed macaroni of all shapes. 225,993; Mar. 29; Serial No. 226,035; published Mar. 30, 1926.

Morse, Felicia v., assignor to J. L. Prescott Company, New York, N. Y. Polish. 60,697–704; renewed Feb. 19, 1927.

Morse, Felicia V., Canton, Mass., assignor to J. L. Prescott Company, New York, N. Y. Polish comprising black lead, plumbago, or graphite, and for stove polish. 61,306; renewed Mar. 12, 1927.

Mosler Metal Products Corp., Mount Vernon, N. Y. Strap buckles. 225,902; Mar. 29; Serial No. 239,712; published Jan. 18, 1927.

Mouilleron, Inc., New York, N. Y. Perfume extract, toilet water, sachets, face powder, and brilliantine. 225,830–31; Mar. 29; Serial Nos. 241,291–2; published Jan. 18, 1927.

Munter, Charles, assignor, by mesne assignments, to Nulife Patents Corporation, New York, N. Y. Body braces and conformer corsets. 61,409; renewed Mar. 19, 1927.

Myrurgia, S. A., Barcelona, Spain. Perfumes and toilet water. 225,911; Mar. 29; Serial No. 240,566; published Jan. 11, 1927.

Myrurgia, S. A., Barcelona, Spain. Perfumes and toilet water. 225,912; Mar. 29; Serial No. 240,564; published Jan. 11, 1927.

Myrurgia, S. A., Perfumes and toilet water. 225,914; Mar. 29; Serial No. 240,563; published Jan. 11, 1927.

Naamloose Vennootschap Maatschappij tot Exploitatie van Rademaker's Koninklijke Cacao & Chocoladefabrieken, The Hague, Netherlands. Sweet chocolate, chocolates, cocoa, candies, and biscuits. 226,013; Mar. 29; Serial No. 236,705; published Jan. 18, 1927.

Nap Pneumatic Tyre Company Limited, The, London, England. Pneumatic tires. 226,000; Mar. 29; Serial No. 230,497; published Jan. 18, 1927.

Nassau, James, Company, Inc., Brooklyn, N. Y. Paints, varnishes, fillers, etc. 225,894; Mar. 29; Serial No. 239,114; published Jan. 4, 1927.

National Biscuit Company, New York, N. Y. Biscuits. 63,286; renewed June 11, 1927.

National Biscuit Company, New York, N. Y. Biscuits, wafers, crackers, etc. 225,997; Mar. 29; Serial No. 227,082; published Jan. 4, 1927.

National Blank Book Co., Holyoke, Mass. Loose-leaf structures. 225,957; Mar. 29; Serial No. 239,998; published Jan. 11, 1927.

National Live Stock Producers Association, Chicago, Ill. Magazine. 225,970; Mar. 29; Serial No. 240,873; published Jan. 11, 1927.

National Oil Products Company, Harrison, N. J. Oils employed in the tanning of leather. 225,943; Mar. 29; Serial No. 236,386; published Jan. 11, 1927.

National Oil Products Company, Harrison, N. J. Chemical organic tanning materials. 226,022; Mar. 29; Serial No. 236,948; published Jan. 18, 1927.

National Washboard Company. (See American Washboard Company, The, assignor.)

National Water Co., Waukesha, Wis., assignor to White Rock Mineral Springs Company, Waukesha, Wis., and New York, N. Y. Mineral water. 63,533; renewed June 25, 1927.

New York Twine Corporation, New York, N. Y. Twines and cords. 225,982; Mar. 29; Serial No. 232,146; published Jan. 11, 1927.

Nineteen Hundred Washer Co., The, Binghamton, N. Y. Washing machines and wringers. 61,501; renewed Mar. 26, 1927.

Nineteen Hundred Washer Company, The, Binghamton, N. Y. Power-operated clothes-washing machines. 226,129; Mar. 29; Serial No. 220,293; published Mar. 2, 1926.

Norma Silk Hosiery Co. Inc., Springfield, Mass. Silk hosiery. 225,923; Mar. 29; Serial No. 220,970; published Jan. 11, 1927.

Northrup, King & Company, Minneapolis, Minn. Poultry, stock, and dairy feed. 226,053; Mar. 29; Serial No. 240,991; published Jan. 11, 1927.

Nulife Patents Corporation. (See Munter, Charles, assignor.)

Odorbase Manufacturing Company, New York, N. Y. Concentrated perfumes. 226,139; Mar. 29.

Ohio Valley Oil Co., The. (See Jones, Frank G.)

O'Shaughnessy, William J., doing business as H. O. Drug Company, Brooklyn, N. Y. Liver pills, tar compound, toothache drops, corn remedy, etc. 225,934; Mar. 29; Serial No. 230,043; published Jan. 4, 1927.

Pacific Malt & Hops Co., Inc., Brooklyn, N. Y. Malt extract in concentrated sirup form. 226,100; Mar. 29; Serial No. 237,089; published Jan. 18, 1927.

Palmer, Homer W., & Company, Chicago, Ill. Drying composition for printing ink. 226,142; Mar. 29.

Palmer Match Company, The, Akron, Ohio. Friction matches. 226,154; Mar. 29.

Paragon Laboratories, Inc., Newark, N. J. Hair dyes. 226,051; Mar. 29; Serial No. 240,502; published Jan. 18, 1927.

Park Drug Co., New York, N. Y. Laxative. 225,821; Mar. 29; Serial No. 240,211; published Jan. 18, 1927.

Paterson Fdr'y & Mach. Co., The, East Liverpool, Ohio. Agitators and stirrers. 225,828; Mar. 29; Serial No. 239,764; published Jan. 18, 1927.

Pathé Exchange, Inc., New York, N. Y. Cinematographic films. 225,981; Mar. 29; Serial No. 231,205; published Dec. 28, 1926.

Patterson-Sargent Company, The, Cleveland, Ohio. Paintbrushes. 226,097; Mar. 29; Serial No. 240,039; published Jan. 11, 1927.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Shaving brushes. 225,913; Mar. 29; Serial No. 240,150; published Jan. 11, 1927.

Pennsylvania Oil & Refining Co. of New York. (See Feuerstein, Bernard L.)

Pepsin Syrup Company, Monticello, Ill. Preparation for the treatment of digestive disorders. 225,873; Mar. 29; Serial No. 235,846; published Dec. 7, 1926.

Pfaltzgraff, Hattie M., Cleveland, Ohio. Abdominal supporters, bodices, or corsets. 225,988; Mar. 29; Serial No. 234,801; published Jan. 11, 1927.

Pfeiffer, S., Mfg. Co., St. Louis, Mo. Medicinal preparation for the relief of headache, aches, pains, etc. 225,919; Mar. 29; Serial No. 240,440; published Jan. 18, 1927.

Pinkham, A. U., & Co., Inc., Seattle, Wash. Walnuts, peanuts, pecans, filberts, etc. 225,869; Mar. 29; Serial No. 241,236; published Jan. 18, 1927.

Pix Aktiebolag, Gafle, Sweden. Medicated lozenges. 226,155; Mar. 29.

Plumbing, Heating & Ventilating Publishing Corporation, The, New York, N. Y. Supplement to a trade magazine. 226,036; Mar. 29; Serial No. 240,791; published Jan. 11, 1927.

Polymet Manufacturing Corporation, New York, N. Y. Phone plugs, rheostats, phone jacks, etc. 225,921; Mar. 29; Serial No. 214,082; published July 20, 1926.

Polymet Manufacturing Corporation, New York, N. Y. Electrical attachment plugs. 225,975; Mar. 29; Serial No. 197,682; published May 26, 1925.

Popular Invention Publishing Co., Baltimore, Md., assignor to Popular Mechanics Company, Chicago, Ill. Magazines. 226,102; Mar. 29; Serial No. 237,512; published Nov. 9, 1926.

Popular Mechanics Company. (See Popular Invention Publishing Co.)

Potter Radiator Corporation, National City, Calif. Remotely controlled air-heating furnaces, etc. 225,986; Mar. 29; Serial No. 235,274; published Jan. 11, 1927.

Powers, William N., Miami, Fla. Preparation for the internal treatment of asthma. 226,018; Mar. 29; Serial No. 235,707; published Jan. 18, 1927.

Prairie Farmer Publishing Co., The, Chicago, Ill. Periodical. 226,027; Mar. 29; Serial No. 239,676; published Jan. 11, 1927.

Pratt, Mills, The. (See Kansas Flour Mills Corporation, The.)

Prescott, J. L. Company. (See Morse, Felicia V., assignor.)

Pressing & Orr Co., to The Winorr Canning Co., Circleville, Ohio, successor. Canned fruits and vegetables. 59,895; renewed Jan. 22, 1927.

Puritan Silks Corporation, Chicago, Ill. Silk piece goods. 225,877; Mar. 29; Serial No. 238,458; published Jan. 11, 1927.

Queen Candy Company, San Antonio, Tex. Candies. 226,126; Mar. 29; Serial No. 217,798; published Jan. 11, 1927.

Radin, Miriam, doing business as Virad Laboratories, Brooklyn, N. Y. Ointment for the treatment of the scalp, itching skin, and skin eruptions. 225,868; Mar. 29; Serial No. 241,241; published Jan. 18, 1927.

Radio Corporation of America, New York, N. Y. Vacuum tubes and valves. 225,952; Mar. 29; Serial No. 239,384; published Jan. 11, 1927.

Radio Mechanics, Inc., Radio Hill, N. Y. Publication. 226,029; Mar. 29; Serial No. 239,867; published Jan. 11, 1927.

Raleigh, William W., Chicago, Ill. Magazine. 226,033; Mar. 29; Serial No. 240,624; published Jan. 11, 1927.

Rand McNally and Company, Chicago, Ill. Bankers' directory and list of attorneys. 62,803; renewed May 28, 1927.

Rand McNally and Company, Chicago, Ill. Bankers' directory and list of attorneys. 62,931; renewed May 28, 1927.

Rasche Yeast and Vinegar Company, Milwaukee, Wis. Vinegar. 225,850–1; Mar. 29; Serial Nos. 240,625–6; published Jan. 18, 1927.

Rasmussen and Levins, Minneapolis, Minn. Vegetable compound. 225,890; Mar. 29; Serial No. 238,994; published Jan. 18, 1927.

Red Star Milling Co., The, Wichita, Kans. Wheat flour. 226,130; Mar. 29; Serial No. 220,466; published Jan. 4, 1927.

Red Wing Shoe Company, Red Wing, Minn. Leather boots and shoes. 226,056; Mar. 29; Serial No. 223,334; published July 13, 1926.

Reeves & Sons Limited, London, England. Pencils, chalk holders, rubber erasers, pastels, and crayons. 225,978; Mar. 29; Serial No. 221,769; published Jan. 11, 1927.

Regal Shoe Company Inc., Boston, Mass., assignor, by mesne assignments, to Regal Shoe Company, Whitman, Mass. Sole leather and soles for boots and shoes. 60,563; renewed Feb. 12, 1927.

Regal Shoe Company Inc., Boston, Mass., assignor, by mesne assignments, to Regal Shoe Company, Whitman, Mass. Cleansing compound and dressing for leather, skin, and canvas articles. 60,564; renewed Feb. 12, 1927.

Regal Shoe Company Inc., Boston, Mass., assignor, by mesne assignments, to Regal Shoe Company, Whitman, Mass. Cleansing compound and dressing for leather and skin articles. 60,565; renewed Feb. 12, 1927.

Regal Shoe Company Inc., Boston, Mass., assignor, by mesne assignments, to Regal Shoe Company, Whitman, Mass. Leather boots and shoes. 61,608; renewed Mar. 26, 1927.

Regan, William H., doing business as Cap-Cal-Ox Laboratory, Bergenfield, N. J. Bland antiseptic emollient and powerful suppurative. 225,829; Mar. 29; Serial No. 241,298; published Jan. 18, 1927.

Restoro Co., Los Angeles, Calif. Electric belts for therapeutical purposes. 226,041; Mar. 29; Serial No. 240,441; published Jan. 11, 1927.

Revigorette Corporation, The, San Francisco, Calif. Containers used for substances to which it is desirable to impart the medicinal property of radioactive emanation. 225,935; Mar. 29; Serial No. 230,459; published Jan. 11, 1927.

Rhodes, Mrs. Mollie Le., Taylorsville, Ga. Medicine to regulate stomach disorders. 225,826; Mar. 29; Serial No. 240,095; published Jan. 18, 1927.

Rhome, Eugenia W., doing business as Crescent Chemical Company, Fort Worth, Tex. Chemical compound for treating burns. 226,137; Mar. 29.

Rice-Stix Dry Goods Company, St. Louis, Mo. Piece goods of cotton, rayon, wool, fibers, and combinations of said materials. 226,014; Mar. 29; Serial No. 234,229; published Dec. 14, 1926.

Rice, William S., Inc., Adams and Buffalo, N. Y. Surgical corsets, corrective supporters, abdominal supporters, etc. 225,940; Mar. 29; Serial No. 234,680; published Jan. 11, 1927.

Rio Grande Valley Citrus Growers Association, Mercedes, Tex. Fresh citrous fruits. 226,109–10; Mar. 29, Serial Nos. 237,698–9; published Jan. 18, 1927.

Robison, Ansel W., San Francisco, Calif. Gravel paper for bird-cage bottoms. 225,974; Mar. 29; Serial No. 240,096; published Jan. 11, 1927.

Roessler & Hasslacher Chemical Company, The, New York, N. Y. Chemicals used in the vulcanization of rubber. 226,078; Mar. 29; Serial No. 241,003; published Jan. 18, 1927.

Rohm & Haas Co., Inc., Philadelphia, Pa. Synthetic or chemically-prepared resins. 225,956; Mar. 29; Serial No. 239,949; published Jan. 11, 1927.

Rose Mfg. Co. (See Martin, Frances M.)

Ross, Sydney, Co., The, Newark, N. J. Preparations for the treatment of neuralgia, rheumatism, headache, etc. 225,953; Mar. 29; Serial No. 239,868; published Jan. 11, 1927.

Royal Baking Powder Company. (See Cleveland Baking Powder Company, assignor.)

Royal Baking Powder Company, Jersey City, N. J., and New York, N. Y. Yeast. 63,538; renewed June 25, 1927.

Roy-Jax Company, Audubon, Iowa. Tree trimmers. 225,987; Mar. 29; Serial No. 235,428; published Jan. 11, 1927.

Ryvita Company, The. (See Garratt, J. E.)

Sacramento San Joaquin Stockholders Inc., San Francisco, Calif. Fresh deciduous and citrous fruits. 225,886; Mar. 29; Serial No. 238,675; published Jan. 18, 1927.

Sacramento San Joaquin Stockholders Inc., doing business as Sacramento San Joaquin Land Company, San Francisco, Calif. Fresh deciduous and citrous fruits. 226,095; Mar. 29; Serial No. 238,674; published Jan. 18, 1927.

St. Louis Independent Packing Company, doing business as Missouri Butterine Co., St. Louis, Mo. Oleomargarine. 226,153; Mar. 29.

Santa Cruz Fruit Packing Co., Seabright, Calif. Canned fruits and vegetables. 225,895; Mar. 29; Serial No. 239,142; published Jan. 18, 1927.

Sapolin Co. Inc., New York, N. Y. Floor and liquid wax, polishing cream, and furniture polish. 225,950; Mar. 29; Serial 239,143; published Jan. 11, 1927.

Schilling, George L., doing business as Schilling Laboratories, Chicago, Ill. Salve for the treatment of piles. 226,116; Mar. 29; Serial No. 238,395; published Jan. 18, 1927.

Schimmel & Co., Miltitz, near Leipzig, Germany. Perfumes, essences of perfumes, etc. 225,841; Mar. 29; Serial No. 240,881; published Jan. 18, 1927.

Scholl Mfg. Co., Inc., The, Chicago, Ill. Arch supports. 225,932; Mar. 29; Serial No. 229,591; published Jan. 11.

Schultz, Baujan & Co., Beardstown, Ill. Hard-wheat flour. 225,867; Mar. 29; Serial No. 241,245; published Jan. 18, 1927.

Schulze Baking Co., Chicago, Ill. Bread. 63,944; renewed July 16, 1927.

Sea Gull Specialty Company, The, Baltimore, Md. Baking powder. 225,899; Mar. 29; Serial No. 239,602; published Jan. 18, 1927.

Service Gum Co., Inc., Brooklyn, N. Y. Chewing gum. 226,040; Mar. 29; Serial No. 240,447; published Jan. 11, 1927.

Sill, Rachel, East Moline, Ill. Cancer medicine. 225,977; Mar. 29; Serial No. 221,209; published Jan. 11, 1927.

Siatra Manufacturing Co. (See Siavit, David H.)

Siavit, David H., doing business as Siatra Manufacturing Co., Providence, R. I. Polish for the finished surface of woodwork, etc. 226,088; Mar. 29; Serial No. 237,302; published Jan. 11, 1927.

Société Anonyme des Laboratoires Ch. Roger, Boulogne-sur-Seine, France. Depilatory. 226,016; Mar. 29; Serial No. 236,835; published Jan. 18, 1927.

Sonneborn, L., Sons, Inc., New York, N. Y. Paint. 62,512; renewed May 14, 1927.

Spalding, A. G., & Bros., Jersey City, N. J. and New York, N. Y. Knit goods. 62,705; renewed May 21.

Sproul, Hugh B., doing business as Swoope Milling Company, Swoope, Va. Flour. 225,924; Mar. 29; Serial No. 221,459; published Jan. 11, 1927.

Stark Mills, Manchester, N. H., assignor, by mesne assignments to Tucapau Mills, Boston, Mass. Woven cotton goods. 50,391; renewed Mar. 13, 1926.

Steinkraus, Clara and H., to the C. & H. Steinkraus Company, Chicago, Ill., successor. Medicinal tea. 29,361; renewed Dec. 29, 1926.

Stewart, Frank L. and Earl M., Youngstown, Ohio. Foot powder and deodornnt. 225,973; Mar. 29; Serial No. 240,101; published Jan. 11, 1927.

Storms, H. M., Company, New York, N. Y. Typewriter ribbons and carbon papers. 62,879; renewed May 28, 1927.

Storms, H. M., Company, New York, N. Y. Typewriter ribbons, 63,046; renewed June 4, 1927.

Strauss, Ferdinand, Corporation, The, New York, N. Y. Mouth harmonicas. 225,832; Mar. 29; Serial No. 239,775; published Jan. 11, 1927.

Street, R. R., & Co., Inc., Chicago, Ill. Wet-cleaning solution for clothes. 226,906; Mar. 29; Serial No. 240,223; published Jan. 11, 1927.

Sugar Products Co. (See Fischer, Haydn L.)

Sureset Jelly Powder Co., Grand Rapids, Mich. Jelly powder. 226,082; Mar. 29; Serial No. 233,150; published Jan. 11, 1927.

Swoope Milling Company. (See Sproul, Hugh B.)

Taskey, Harry L., New York, N. Y. Cartoon strip. 225,930; Mar. 29; Serial No. 234,419; published Jan. 11, 1927.

Teaver, Joe L., doing business as The Braser Company, Birmingham, Ala. Beverages sold as soft drinks and sirups and extracts for compounding the same. 226,141; Mar. 29.

Thermo-Tanks, Limited, Glasgow, Scotland. Built-in ventilating apparatus for ships or buildings. 226,025; Mar. 29; Serial No. 239,549; published Jan. 11, 1927.

Thornfield, Charles, doing business as Furmoto Chemical Co., London, England, and Woollahra, Sydney, Australia. Automobile and furniture polish. 226,089. Mar. 29; Serial No. 237,343; published Jan. 11, 1927.

Tilden Company, The, New Lebanon, N. Y. Analgesic, antalgic, and antipyretic. 226,079; Mar. 29; Serial No. 241,010; published Jan. 18, 1927.

Titchener, E. H., & Co., Binghamton, N. Y. Brass, iron, or steel fixtures and accessories for bathrooms, bathtubs, water-closets, and lavatories. 226,019; Mar. 29; Serial No. 235,902; published Jan. 18, 1927.

Toy Vehicle Corp., Elmhurst, N. Y. Children's carts and perambulators. 225,888–9; Mar. 29; Serial Nos. 238,754–5; published Jan. 18, 1927.

Truog-Shaw Co., The, Youngstown, Ohio. Sterilized storage eggs. 226,148; Mar. 29.

Tucapau Mills. (See Stark Mills, assignor.)

Tule River Citrus Association, Success, Calif. Fresh citrous fruits. 226,111; Mar. 29; Serial No. 237,710; published Jan. 18, 1927.

United Engine & Machine Co., Fresno, Calif. Aluminum-alloy gasoline-engine pistons. 225,999; Mar. 29; Serial No. 229,364; published Aug. 31, 1926.

United States Graphite Co., The, Saginaw, Mich. Silver-lead or plumbago foundry facings and pulverized graphite. 64,076; renewed July 23, 1927.

U. S. Hame Company, Buffalo, N. Y. Harness and luggage buckles. 225,879; Mar. 29; Serial No. 238,879; published Dec. 28, 1926.

Universal Milk Company, The, New York, N. Y. Condensed milk. 225,838; Mar. 29; Serial No. 239,905; published Jan. 18, 1927.

Valentine Company, The, Seattle, Wash. Boiler chemicals. 225,951; Mar. 29; Serial No. 239,208; published Jan. 11, 1927.

Van Camp Hardware & Iron Co., Indianapolis, Ind. Knives, razors, forks, and scissors. 64,318; renewed July 30, 1927.

Vayanos Brothers Inc., New York, N. Y. Textile rugs. 226,012; Mar. 29; Serial No. 236,625; published Jan. 18, 1927.

Vereinigte Chininfabriken Zimmer & Co., Frankfort-on-Main, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Derivatives of cinchona alkaloids. 29,895; renewed Apr. 20, 1927.

Virad Laboratories. (See Radin, Miriam.)

Vollrath Co., The, Sheboygan, Wis. Enameled-steel solution bowls, cups, etc. 225,925; Mar. 29; Serial No. 222,967; published Jan. 11, 1927.

Von Seyfried, Eugen, Irvington, N. Y. Liquid soap. 225,949; Mar. 29; Serial No. 238,758; published Jan. 11, 1927.

Wadhams Oil Company, Milwaukee, Wis. Lubricants. 63,888; renewed July 9, 1927.

Wallace & Co., New York, to Wallace & Co., Brooklyn, N. Y. Jujubes. 64,405; renewed Aug. 6, 1927.

Wampler, Herman B., Bicknell, Ind. Medicine for use in the treatment of poison ivy. 225,840; Mar. 29; Serial No. 240,934; published Jan. 18, 1927.

Ward-Owsley Co., Aberdeen, S. Dak. Candy. 226,127; Mar. 29; Serial No. 218,532; published Nov. 23, 1926.

Wasmuth-Goodrich Company, Peru, Ind. Complete radio receiving sets. 225,976; Mar. 29; Serial No. 196,559; published Sept. 30, 1924.

Watkins, J. R., Company, The, Winona, Minn. Cake and candy cutters. 225,825; Mar. 29; Serial No. 240,113; published Jan. 18, 1927.

Weber & Heilbroner, New York, N. Y. Men's suits. 226,112; Mar. 29; Serial No. 238,348; published Nov. 23, 1926.

Weir, John J., Loma Linda, Calif. Caramel fruit compound to be used in the production of hot and cold beverages, etc. 225,928; Mar. 29; Serial No. 224,889; published Jan. 18, 1927.

Weisberg, Max, New York, N. Y. Flour. 226,140; Mar. 29.

Wells-Abbott-Nieman Co., Inc., Schuyler, Nebr. Livestock, dairy, and chicken feed. 225,996; Mar. 29; Serial No. 227,049; published May 18, 1926.

Werber Machine Co., Inc., Wilmington, Del., and Wilkes-Barre, Pa. Spinning machines. 226,087; Mar. 29; Serial No. 237,053; published Jan. 18, 1927.

White Rock Mineral Springs Company. (See National Water Co., assignor.)

Whiting, John L.–J. J. Adams Company, Boston, Mass. Brushes. 225,908; Mar. 29; Serial No. 240,836; published Jan. 11, 1927.

Whiting, John L.–J. J. Adams Company, Boston, Mass. Brushes for painting, varnishing, etc., and for cleaning, polishing, and sweeping. 225,994; Mar. 29; Serial No. 226,393; published Jan. 11, 1927.

Whitt, Frances M., doing business as California Raisin-Iron Co., Fresno, Calif. Medicinal tonic. 225,946; Mar. 29; Serial No. 238,082; published Jan. 11, 1927.

Wilkins, George H., Co., Chicago, Ill. Pipe-point runners and steam packings. 226,101; Mar. 29; Serial No. 237,097; published Jan. 18, 1927.

Wilkinson Bros., Calipatria, Calif. Fresh vegetables and melons. 225,887; Mar. 29; Serial No. 238,685; published Jan. 18, 1927.

Wilmsen, Bernhard, Philadelphia, Pa. Paper novelties. 64,410; renewed Aug. 6, 1927.

Winorr Canning Co., The. (See Pressing & Orr Co.)

Wisconsin Cheese Producers Federation, Plymouth, Wis. Cheese. 225,936; Mar. 29; Serial No. 231,357; published Jan. 11, 1927.

Wisconsin Rapids Tribune Company, Wisconsin Rapids, Wis. Magazine. 226,052; Mar. 29; Serial No. 240,380; published Jan. 11, 1927.

Wisecarver, George S., Waynesburg, Pa. Liquefied petroleum gas and liquefied hydrocarbon gas, etc. 225,849; Mar. 29; Serial No. 240,637; published Jan. 11, 1927.

Withe, Stanley F., Hartford, Conn. Device for measuring telephone toll calls. 226,158; Mar. 29.

Wood, John T., New York, N. Y. Magazine. 225,968; Mar. 29; Serial No. 241,015; published Jan. 11, 1927.

Woodville Lime Products Company, Toledo, Ohio. Lime. 226,086; Mar. 29; Serial No. 236,971; published Nov. 2, 1926.

Worcester Steel Products Co., Worcester, Mass. Tools and tool kits. 225,926; Mar. 29; Serial No. 223,757; published Jan. 18, 1927.

Wright, Allan H., Hicksville, Ohio. Cigars, cheroots, smoking and chewing tobacco, and cigarettes. 225,847; Mar. 29; Serial No. 240,764; published Jan. 18, 1927.

Yamamoto, Hanzo, San Francisco, Calif. Dried seaweed, finely-chopped mushrooms, carrots, etc. 225,995; Mar. 29; Serial No. 226,616; published Aug. 17, 1926.

Zeiss, Firm of Carl, Jena, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Optical instruments and parts thereof. 29,857; renewed Apr. 20, 1927.

Zip Abrasive Company, The, Cleveland, Ohio. Sealing compound for gaskets. 226,098; Mar. 29; Serial No. 240,046; published Dec. 28, 1926.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Anchor Supply Company, The. (See Haudenschild, Harry.)

Blackhawk Extract Co. (See Henle, Walter G.)

Clawson & Wilson Company, Buffalo, N. Y. 'Longfello' Work Shirts. For Men's Work Shirts (a Cotton-Fabric Working Garment). 31,831; Mar. 29.

Drug Products Co. Inc., The, Long Island City, N. Y. Pulvoids No. 373 Natrico. For Pharmaceutical Preparation. 31,832; Mar. 29.

Drug Products Co. Inc., The, Long Island City, N. Y. Pulvoids No. 446 Cal-Salicylic Co. (Dr. Anthony Bassler). For Pharmaceutical Preparation. 31,833; Mar. 29.

Drug Products Co. Inc., The, Long Island City, N. Y. Pulvoids No. 448 Cal-Salicylic Co. No. 2 (Dr. Anthony Bassler Modified). For Pharmaceutical Preparation. 31,834; Mar. 29.

Drug Products Co. Inc., The, Long Island City, N. Y. Capsules No. 72 Pit-Ren. For Pharmaceutical Preparation. 31,835; Mar. 29.

Eline's Incorporated, Milwaukee, Wis. Eline's Jewel Chest. For Candy. 31,836; Mar. 29.

Eline's Incorporated, Milwaukee, Wis. Eline's Jazz Box Chocolates. For Candy. 31,837; Mar. 29.

Eline's Incorporated, Milwaukee, Wis. Eline's Chocolate Package. For Candy. 31,838; Mar. 29.

Eline's Incorporated, Milwaukee, Wis. Eline's Modified Chocolate Covered Cherries. For Candy. 31,839; Mar. 29.

Eline's Incorporated, Milwaukee, Wis. Simplicity Box Selected Chocolates. For Candy. 31,840; Mar. 29.

Eline's Incorporated, Milwaukee, Wis. Eline's Love Dreams. For Candy. 31,841; Mar. 29.

Frisch, Emile, Chicago, Ill. Frisch Process. For Bread. 31,842; Mar. 29.

Golden, Augustus J., Baltimore, Md. Mississippi Sound Crooks. For Cigars. 31,843; Mar. 29.

Harris & Brown, Pittsburg, Tex. Pantry Pride. For Yams. 31,844; Mar. 29.

Haudenschild, Harry, doing business as The Anchor Supply Company, Toledo, Ohio. The Handy Home Patching Kit. For a Repair Kit. 31,845; Mar. 29.

Henle, Walter G., doing business as Blackhawk Extract Co., Davenport, Iowa. Blackhawk Miracle. For Sugar Substitute. 31,846; Mar. 29.

Frank, A. J., Mfg. Co., St. Paul, Minn. Pine-Tonic. For Shampoo. 31,847; Mar. 29.

Frank, A. J., Mfg. Co., St. Paul, Minn. Sporicide. For Preparation for the Skin and Scalp. 31,848; Mar. 29.

Lauber & Lauber Co., Chicago, Ill. Rucker's Triena a Stomach and Bowel Regulator. For Stomach and Bowel Regulator. 31,849; Mar. 29.

Lo Products, Not Inc., Chicago, Ill. Lo Wrinkle Remover. For a Toilet Preparation for Removing Wrinkles. 31,850; Mar. 29.

Loveless, S. E., Inc., Philadelphia, Pa. Check. For Bread. 31,851; Mar. 29.

Mission Citrus Association, Redlands, Calif. Cleopatra. For Oranges. 31,852; Mar. 29.

Pictorial Soap Mfg. Co. Inc., New York, N. Y. Kiddie Picture Soap. For Soap. 31,853; Mar. 29.

Schmid, Julius, Inc., New York, N. Y. Santro Black Band Nipples. For Nipples. 31,854; Mar. 29.

Sparkletts Artesian Water Co., Los Angeles, Calif. Sparkletts. For Drinking Water. 31,855; Mar. 29.

Vitamin Food Co. Inc., New York, N. Y. Vegex Vitamin Yeast Candy. For Candy. 31,856; Mar. 29.

Wittmann, H. C., doing business as Wittmann Supply Co., Lincoln, Nebr. Witt's Sure Seal Mending Cement. For Mending Cement. 31,857; Mar. 29.

Yes Manufacturing Company, Los Angeles, Calif. Luzette. For a Preparation for the Skin. 31,858; Mar. 29.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

B. V. D. Company, Inc., The, New York, N. Y. We Take Time to Fit You. For Athletic Underwear. 9,674; Mar. 29.

Cincinnati Ball Crank Company, The, Oakley, Cincinnati, Ohio. Dad Knows They Are Safe . . . For With Balcranks Even The Car Springs Protect Them! For Balcrank Collision Absorbers. 9,675; Mar. 29.

Cincinnati Ball Crank Company, The, Oakley, Cincinnati, Ohio. Only With Balcrank 'Collision Absorbers' Do Car Springs Take Up Excess Shock. For Balcrank Collision Absorbers. 9,676; Mar. 29.

Cream of Wheat Co., Minneapolis, Minn. This Plan Has Brought Results in 42,000 Schools. For Wheat Breakfast Food. 9,677; Mar. 29.

Cream of Wheat Co., Minneapolis, Minn. Schools Now Ask Mothers' Help With Pupils' Breakfasts. For Wheat Breakfast Food. 9,678; Mar. 29.

Cream of Wheat Co., Minneapolis, Minn. For The Child Who "Just Won't Eat." For Wheat Breakfast Food. 9,679; Mar. 29.

Cream of Wheat Co., Minneapolis, Minn. New Plan In Schools To Teach Eating Better Breakfasts. For Wheat Breakfast Food. 9,680; Mar. 29.

Indiana Lamp Corporation, Connersville, Ind. Car Owners Everywhere Will Buy This New Headlight. For Automobile Lamps. 9,681–2; Mar. 29.

New Jersey Zinc Company, The, New York, N. Y. It is Possible to Have A White White House. For Paint. 9,683; Mar. 29.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. 48 DK 1926 Turn On The Sunshine. For Tobacco. 9,684; Mar. 29.

Schmid, Julius, Inc., New York, N. Y. Santro Black Band Nipples. For Nipples. 9,685; Mar. 29.

Serpico, Thomas, Brooklyn, N. Y. Hello Phone Spelling Chart. For Telephone Spelling Charts. 9,686; Mar. 29.

Standard Oil Company (New Jersey), Bayonne, N. J. Destroy Household Insects—Avoid Disease. For Insecticide. 9,687; Mar. 29.

Standard Oil Company (New Jersey), Bayonne, N. J. Destroy Household Insects—They Carry Disease! For Insecticide. 9,688; Mar. 29.

Standard Oil Company (New Jersey), Bayonne, N. J. The Dance Of Death. For Insecticide. 9,689; Mar. 29.

Standard Oil Company (New Jersey), Bayonne, N. J. Flies—A Menace To Man. For Insecticide. 9,690; Mar. 29.

Standard Oil Company (New Jersey), Bayonne, N. J. Insects Bring Disease To Thousands! For Insecticide. 9,691; Mar. 29.

Terney, Stephen, New York, N. Y. A Skin Exquisitely Fresh. For Beauty Cream. 9,692; Mar. 29.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Ackerman, Simon, Clothes, Inc., New York, N. Y. Coats, vests, trousers, and overcoats. 240,897; Mar. 29.
Acme Shear Company, The, Bridgeport, Conn. Scissors and shears. 244,340; Mar. 29.
Aluminum Company of America, Pittsburgh, Pa. Paint pigments. 244,268–9; Mar. 29.
American Lady Corset Co., Detroit, Mich. Ladies' wearing apparel. 244,343; Mar. 29.
American Lithographic Company, New York, N. Y. Advertising posters. 243,520; Mar. 29.
Andrews, Champe S., New Haven, Conn. Box-forming machines, box-making machines, printing machines, etc. 224,443; Mar. 29.
Anthony, Edward H., doing business as Consolidated Pharmacal Laboratories, Los Angeles, Calif. Ointment. 233,864; Mar. 29.
Arco Company, The, Cleveland, Ohio. Lacquers. 243,078; Mar. 29.
Argo Asbestos & Rubber Corporation, Pittsburgh, Pa. Compressed asbestos sheet packing. 244,386; Mar. 29.
Associated Merchandising Corporation, New York, N. Y. Hair nets. 244,596; Mar. 29.
Atlantic Refining Company, The, Philadelphia, Pa. Lubricating oils, motor oils, etc. 227,625; Mar. 29.
Augenblick, Morris, doing business as Morris Shoe Company, New York, N. Y. Leather shoes. 239,862; Mar. 29.
Auto Box Equipment Co. (See Sayers, Russell O.)
Baldwin-Haggard Company. (See Wills, Leon C.)
Banks, Inc., New York, N. Y. Men's wearing apparel. 241,513; Mar. 29.
Barker Bread Company, Portland, Oreg. Bread. 229,082; Mar. 29.
Barker, Edna C., San Diego, Calif. Water colors, poster paints, and powdered colors sized. 241,557; Mar. 29.
Barker, John F., Produce Company, Inc., Phoenix, Ariz. Eggs. 233,717; Mar. 29.
Barkin Levin Co., New York, N. Y. Coats. 242,039; Mar. 29.
Baronet Mills, Inc., College Point, N. Y. Powder puffs. 244,535; Mar. 29.
Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mountings and parts thereof. 243,992; Mar. 29.
Bayle Food Products Co., St. Louis, Mo. Salad dressing. 243,581; Mar. 29.
Beckwith Company, The, Reedley, Calif. Canned figs. 244,042; Mar. 29.
Be-Ro-Laboratory. (See Rottmar, Benedikt.)
Biroto, Inc., New York, N. Y. Face powder, face creams, face packs, toilet waters, rouges, etc. 242,410; Mar. 29.
Block, W. G., Company, Davenport, Iowa. Coal. 241,861; Mar. 29.
Blue Ribbon Products Company. (See Childs, John D.)
Blume, Marcel, Paris, France. Dresses, suits, and lingerie. 213,276; Mar. 29.
Bride & Groom Publishing Co., The. (See Samuels, Alvin A.)
British American Metals Company, Inc., New York, N. Y. Pipes and tubes manufactured from nonferrous metals. 237,109; Mar. 29.
Brouillet, Hector A., Holland, Mich. Fresh apples. 237,651; Mar. 29.
Brown & Bigelow, St. Paul, Minn. Periodical. 227,773; Mar. 29.
Brunswick Coca Cola Bottling Co. (See Copeland, M. A.)
Buegeleisen & Jacobson, New York, N. Y. Ukuleles, banjos, mandolins, etc. 241,922; Mar. 29.
Bullard, Reginald G., doing business as Bullard Products, Monterey Park, Calif. Auto top and leather dressing. 234,360; Mar. 29.
Bulova, Adolph, New York, N. Y. Toilet paper. 244,131; Mar. 29.
Buser Silk Co. Inc., New York, N. Y. Ribbons. 244,132; Mar. 29.
Butler, Charles R., doing business as Butler Mfg. Co., Indianapolis, Ind. Pistons for use in internal-combustion and steam engines, pumps, and compressors. 238,895; Mar. 29.
Caledonia Cellulose Company, Inc., New York, N. Y. Sanitary napkins. 243,414; Mar. 29.
Cardoso, Seabra & Co., Rio de Janeiro, Brazil. Preparation used in the treatment of tuberculosis. 239,737; Mar. 29.
Carter Medicine Company, New York, N. Y. Iron pills. 232,450; Mar. 29.
Carter Medicine Company, New York, N. Y. Nervine pills. 232,451; Mar. 29.
Central Malt Products Company, Detroit, Mich. Malt extract. 244,348; Mar. 29.
Central Pocahontas Coal Company, Welch, W. Va. Coal. 242,226; Mar. 29.
Century Pharmacal Co. (See Goldstein, Samuel A.)
Champion Animal Food Co., Minneapolis, Minn. Dog foods. 243,197; Mar. 29.
Chem. Fabriken Kunheim & Co. A. G., Berlin, Germany. Ammonium carbonate, ammonium chloride, barium carbonate, etc. 232,868; Mar. 29.
Chicago Human Hair Co. (See Cohen, Jacob.)
Childs, John D., doing business as Blue Ribbon Products Company, Reading, Pa. Chocolate-flavored malted milk. 243,416; Mar. 29.
Cigar Stores Novelty Co. (See Field, Jacob W.)
Cincinnati Art Publishing Company, The, Cincinnati, Ohio. Paper easel supports for art cards. 243,998; Mar. 29.
Cincinnati Truss Company, The, Cincinnati, Ohio. Shoulder braces. 243,479; Mar. 29.
Clynton Tea Co. (See Ford, Gertrude H.)
Cohen, Jacob, doing business as Chicago Human Hair Co., Kansas City, Mo. Hair tonics, face creams, mouth and eye washes, skin lotions, etc. 224,858; Mar. 29.
Colgate & Company, Jersey City, N. J., and New York, N. Y. Shaving stick and shaving soap. 243,417; Mar. 29.
Colonial Import Co. (See Matsuoka, Atow.)
Colton Fruit Exchange, Colton, Calif. Citrous fruits. 234,098; Mar. 29.
Combine Hosiery Corporation, Wilmington, Del., and New York, N. Y. Hosiery. 243,340; Mar. 29.
Consolidated Pharmacal Laboratories. (See Anthony, Edward H.)
Co-Operative Wholesale Society, Limited, Manchester, England. Woolen piece goods. 242,776; Mar. 29.
Copeland, M. A., doing business as Brunswick Coca Cola Bottling Co., Brunswick, Ga. Carbonated, nonalcoholic, noncereal, maltless beverages. 244,429; Mar. 29.
Cultured Coffee Corporation, The, St. Louis, Mo. Coffee. 241,931; Mar. 29.
Cummings, Theodore J., Los Angeles, Calif. Electric magnetic belts. 242,986; Mar. 29.
Dayton Scale Company, New York, N. Y. Weighing scales. 241,606–7; Mar. 29.
Dekle Investment Company, Inc., Tampa, Fla. Ice cream and ice-cream novelties. 243,090; Mar. 29.
De Rose Laboratory. (See Skora, Jacob.)
Diamond Braiding Mills, Chicago Heights, Ill. Rubber-covered insulated wire. 242,575; Mar. 29.
Dickinson, Albert, Company, The, Chicago, Ill. Lawn-grass seeds. 243,186; Mar. 29.
Dickinson, Edward B., Inc., New York, N. Y. Earthenware tableware. 243,039; Mar. 29.
Dürkoppwerke Aktiengesellschaft, Bielefeld, Germany. Sewing machines, agricultural and horticultural machines, and parts thereof, etc. 241,937; Mar. 29.
Earnshaw Knitting Company, Newton, Mass. Underwear. 241,042; Mar. 29.
Eastern Trading Co. (See Hammerling, Emanuel.)
Eavenson, J., & Sons, Inc., Philadelphia, Pa., and Camden, N. J. Soap. 241,567; Mar. 29.
Eavenson, J., & Sons, Inc., Philadelphia, Pa., and Camden, N. J. Soap. 241,707; Mar. 29.
Eclipse Fountain Pen & Pencil Corporation, New York, N. Y. Fountain pens and pencils. 244,435; Mar. 29.
Electric Vacuum Lawn Mower Company, Stockton, Calif. Lawn mowers. 240,770; Mar. 29.
Elmo, Inc., Philadelphia, Pa. Compounds for cleaning the hands, shaving creams, shaving sticks, shaving powders, etc. 242,418; Mar. 29.
Fayssoux, W. I., doing business as The Old North State Company, Gastonia, N. C. Hickory-fibre broom splints for filling street-sweeper rolls and for push brooms. 244,146; Mar. 29.
Feinson, Jos. M., Inc., New York, N. Y. Silk neckties. 239,703; Mar. 29.
Field, Jacob W., doing business as Cigar Stores Novelty Co., Peoria, Ill. Dice boxes. 242,582; Mar. 29.
First National Stores, Inc., Boston, Mass. Butter, cheese, condensed milk, evaporated milk, malted milk, etc. 240,967; Mar. 29.
Firth, Thos., & Sons, Limited, Sheffield, England. Cast steel castings, and forgings. 233,367; Mar. 29.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Soapstone, uncured sheet rubber, uncured camel-back rubber, etc. 243,146; Mar. 29.
Fitz, Charles Leo, Inc., Mayville, Wis. Screens upon which moving pictures may be projected. 239,746; Mar. 29.
Ford, Gertrude H., doing business as Clynton Tea Co., New York, N. Y. Tea. 244,496; Mar. 29.
Franco-Italian Packing Co., Inc., East San Pedro, Calif. Canned fish. 236,738; Mar. 29.
Fresno Grape Distributors, Fresno, Calif. Fresh grapes. 243,261; Mar. 29.
Galle, S., & Co., New York, N. Y. Cheeses and cheese products. 240,249; Mar. 29.
Galow, Herbert F., doing business as Hyo-San Laboratories, Detroit, Mich. Body deodorant and antiseptic. 243,851; Mar. 29.

Gardner, Henry, Guiterman & Co., Inc., New York, N. Y. Nonferrous metals. 236,548; Mar. 29.
Gimbel Brothers, Inc., New York, N. Y. Shoes. 177,840; Mar. 29.
Gimbel Brothers, Inc., New York, N. Y. Suits, vests, trousers, etc. 242,119; Mar. 29.
Goldstein, Philip, Inc., New York, N. Y. Boys' suits. 242,663; Mar. 29.
Goldstein, Samuel A., doing business as Century Pharmacal Co., New York, N. Y. Medicinal preparation. 244,556–7; Mar. 29.
Good Luck Food Co., Inc., Rochester, N. Y. Preparation for making pie filling and puddings. 237,099; Mar. 29.
Goode, Albert, Bedin, Inc., New York, N. Y. Silk piece goods. 244,592; Mar. 29.
Gotham Silk Hosiery Company, Inc., New York, N. Y. Hosiery. 243,544; Mar. 29.
Gray, Thomas E., & Co. Ltd., London, England. Gannister. 237,805; Mar. 29.
Great Eastern Manufacturing Company. (See Waxman, Benjamin.)
Greenberg, Harry, Co., Inc., New York, N. Y. Ladies' and misses' sport and tailored frocks, hats, gloves, hosiery, etc. 241,224; Mar. 29.
Greene, William E., doing business as The Wills Products Company, New York, N. Y. Dry, paste, and ready-mixed paints, paint enamels, floor polish, etc. 243,699; Mar. 29.
Guide-O-Light Company, The. (See Kenney, Charles H.)
Guignie, Leon F., doing business as L. F. Guignie, Grenobe, France. Gloves. 226,138; Mar. 29.
Hairc Publishing Co., Inc., New York, N. Y. Magazine. 240,651–3; Mar. 29.
Hammerling, Emanuel, doing business as Eastern Trading Co., New York, N. Y. Ladies' bags. 243,700; Mar. 29.
Hance Manufacturing Co., The, Westerville, Ohio. Laxative tablets. 243,759; Mar. 29.
Harrower Laboratory, Inc., The, Wilmington, Del., and Glendale, Calif. Magazine. 242,374; Mar. 29.
Hart, Schaffner & Marx, Chicago, Ill. Men's suits and coats. 243,209; Mar. 29.
Hecht Co., The, Washington, D. C., doing business as The Hub, Baltimore, Md. Men's and boys' suits, top coats, and overcoats. 242,830; Mar. 29.
Heichelbech, John, St. Louis, Mo. Food-flavoring extracts and fruit preserves. 226,724; Mar. 29.
Highland Fruit Growers Association, Highland, Calif. Fresh citrous fruits. 244,073; Mar. 29.
Hillyard Chemical Company, St. Joseph, Mo. Polishing fluid for floors. 244,229; Mar. 29.
Holland Furniture Company, Holland, Mich. Bedroom furniture. 243,311; Mar. 29.
Holyoke Card & Paper Company, Springfield, Mass. Writing and printing paper. 243,653; Mar .29.
Hoopeston Canning Co., Hoopeston, Ill. Canned vegetables. 242,783; Mar. 29.
Hopper Paper Company, Taylorville, Ill. Writing paper. 243,950; Mar. 29.
Hospital Supply Company and Watters Laboratories, Consolidated, New York, N. Y. Bedpan washers, sterilizers, and racks. 224,023; Mar. 29.
Hotstream Heater Co., The, Cleveland, Ohio. Combined couplings and thermostat receivers for hot-water heating systems. 227,839; Mar. 29.
Houghton, E. F., & Co., Philadelphia, Pa. Compounds for the fulling and scouring of woolen, worsted, etc. 243,810; Mar. 29.
House, Leslie A., doing business as No-Tum-Suk Company, Incorporated, Elmhurst, Ill. Preparation to cure finger sucking and fingernail biting. 243,606; Mar. 29.
Hub, The. (See Hecht Co., The.)
Hudnut, Richard, New York, N. Y. Perfume and toilet water, talcum powder, face powder, etc. 244,074; Mar. 29.
Hudor Co., The. Buffalo, N. Y. Carbonated, nonalcoholic, noncereal, maltless beverages. 242,784; Mar. 29.
Hyjo Co. (Not Inc.), The, Springfield, Ill. Asphalt roofing in rolls and shingles made from asphalt roofing fabric. 237,076; Mar. 29.
Hyo-San Laboratories. (See Galow, Herbert F.)
Inter-Mountain Machine & Stamp Works, Inc., Salt Lake City, Utah. Cattle, sheep, hog, horse, etc., tags and poultry bands. 239,522; Mar. 29.
Jackson, Ben, New Orleans, La. Display cases. 238,859; Mar. 29.
Johnson Belting Company, Inc., New York, N. Y. Leather belting. 244,015; Mar. 29.
Jordan Marsh Company, Boston, Mass. Brassières. 240,028; Mar. 29.
Jordan Marsh Company, Boston, Mass. Dress shields. 240,608; Mar. 29.
Kahanowicz, Rose H. T., Brooklyn, N. Y. Medicinal herbs. 243,706; Mar. 29.
Kelly Co., The, Cleveland, Ohio. Candy, salted nut meats, and peanut butter. 238,586; Mar. 29.
Kenney, Charles H., doing business as The Guide-O-Light Company, New London, Conn. Vehicle direction signal. 212,383; Mar. 29.
Kerry & Hanson Flooring Co., Grayling, Mich. Flooring. 231,048; Mar. 29.
Kozik, John M., Hudson, Pa. Carbonated, nonalcoholic, noncereal, maltless beverages. 238,860; Mar. 29.
Langrock, D. T., Inc., New Haven, Conn. Hats and caps for men. 242,730; Mar. 29.
Larsen Company, The, doing business as The Wm. Larsen Canning Co., Green Bay, Wis. Canned vegetables. 228,914; Mar. 29.
Lasser, John F., doing business as Night Club Co., Chicago, Ill. Ginger ale. 244,451; Mar. 29.
Lauber & Lauber Co., Chicago, Ill. Medicinal preparation. 244,699; Mar. 29.
Lee-Go, Inc., Tampa, Fla. Beverages sold as soft drinks. 243,550; Mar. 29.
Levy & Levis Company, Inc., The, New York, N. Y. Dried vegetables and fruits, nuts, spices, etc. 233,738; Mar. 29.
Lexington Roller Mills Co., Inc., Lexington, Ky. Plain and self-rising wheat flour. 244,081; Mar. 29.
Liebovitz, S., & Sons, Inc., New York, N. Y. Dress and negligee shirts. 243,611; Mar. 29.
Lillie Mill Company, Franklin, Tenn. Plain and self-rising flour. 244,409; Mar. 29.
Linette Chocolate Company, Reading, Pa. Candies. 239,761; Mar. 29.
Lippa, Frederick W. Company, Inc., The, Baltimore, Md. Candy. 244,505; Mar. 29.
Lulpersbek, Frank, Bound Brook, N. J. Metal frames insertable in flowerpots. 240,809; Mar. 29.
MacAndrews & Forbes Company, Camden, N. J., and New York, N. Y. Composite board and lumber. 237,376; Mar. 29.
Manning, C. A., Shoe Company, The, Meriden and Waterbury, Conn. Shoes. 241,888; Mar. 29.
Maple Grove Candies, Inc., St. Johnsbury, Vt. Sirup and sugar. 243,958; Mar. 29.
Manco Drug Corporation, Lynn, Mass. Medicine for the relief of coughs, colds, etc. 243,163; Mar. 29.
Matsuoka, Atow, doing business as Colonial Import Co., San Francisco, Calif. Ornamental pendants for personal wear. 242,384; Mar. 29.
Maurer, Herman W., Cleveland, Ohio. Collapsible partition structures. 239,888; Mar. 29.
Mauser Mill Company, Treichlers, Pa. Cake and pastry flour. 242,306; Mar. 29.
Mayflower Oil Co., Boston, Mass. Gasoline, kerosene, lubricating oils, etc. 226,815; Mar. 29.
Mercer Bottling Co., Trenton, N. J. Carbonated, nonalcoholic, noncereal, maltless beverages. 242,790; Mar. 29.
Metal Textile Corporation, West Orange, N. J. Knitted metallic fabrics. 228,719; Mar. 29.
Midwest Steel & Supply Company, Inc., New York, N. Y. Safety filling attachments and valves for cans, tanks, etc. 243,617; Mar. 29.
Midwestern Refining Co. (See Price, J. Foster.)
Miller, Charles N., Company, Boston, Mass. Candies. 227,408; Mar. 29.
Monward Realty Co., St. Louis, Mo. Publication. 243,448; Mar. 29.
Munn, A. R., Inc., doing business as Prevent-O-Clasia Co., Atlanta, Ga., and New York, N. Y. Tooth paste. 242,843; Mar. 29.
My Pal Products, Chicago, Ill. Vacuum heat-insulated jugs and bottles. 234,624; Mar. 29.
Myers, Geo. T., & Co., Seattle, Wash. Canned salmon. 241,951; Mar. 29.
Naamloose Vennootschap Rubber Cultuur Maatschappij Amsterdam, Amsterdam, Netherlands. Rubber. 241,428; Mar. 29.
National Cloak & Suit Co., New York, N. Y. Rugs and mats of linoleum or similar substance. 244,713; Mar. 29.
National Sales & Manufacturing Co., Des Moines, Iowa. Washing machines. 236,048; Mar. 29.
Night Club Co. (See Lasser, John F.)
No-Tum-Suk Company. (See House, Leslie A.)
Old North State Company, The. (See Fayssoux, W. I.)
Olive Products Company, Oroville, Calif. Canned olives and olive oil. 243,876; Mar. 29.
Orchard, Marguerite B., Long Beach, Calif. Face whiting and skin lotion. 229,875; Mar. 29.
Outside Arch Inc., The, Washington, D. C. Arch supporters. 243,619; Mar. 29.
Pacific Harvest Hat Company, Los Angeles, Calif. Hats. 241,956; Mar. 29.
Palais Royal, Inc., The, Washington, D. C. Automobile trunks, traveling bags, suitcases, leather cases, etc. 244,102; Mar. 29.
Paper Novelty Company, The, Green Bay, Wis. Sanitary napkins. 243,823; Mar. 29.
Parke, Davis & Company, Detroit, Mich. Local anæsthetic and hypodermic tablets. 244,103; Mar. 29.
Paterson Parchment Paper Co., The, Passaic, N. J. Paper. 243,827; Mar. 29.
Patrick, F. A. & Co., Duluth, Minn. Women's, misses', and girls' coats. 242,745; Mar. 29.
Patterson, Emily B., Streator, Ill. Cooked corn relish. 241,496; Mar. 29.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Paulus, Robt. C., & Co., Salem, Oreg. Canned fruits. 228,557; Mar. 29.
Pease, Clarke D. Inc., New York, N. Y. Automobile motor boat and aeroplane motors and spare parts thereof. 243,108; Mar. 29.
Penn Leather Company, Philadelphia, Pa. Leather, tap, half, and slip soles. 243,012; Mar. 29.
Pets Publishing Company, The, Cleveland, Ohio. Publication. 242,964; Mar. 29.
Phenolic Products Corporation, Rockford, Ill. Toilet seats and covers. 241,634; Mar. 29.
Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. 244,317; Mar. 29.
Pittsburg Waterproof Company, Pittsburgh, Pa. Padding or covering knitted, woven, felted, or otherwise constructed. 226,970; Mar. 29.
Pope, Arthur S., Santa Barbara, Calif. Educational kindergarten devices. 243,014; Mar. 29.
Prevent-O-Clasia Co. (See Munn, A. R., Inc.)
Price, J. Foster, doing business as Midwestern Refining Co., Toledo, Ohio. Lubricating oils and greases. 241,581; Mar. 29.
Pro-Grow Process Co., Minneapolis, Minn. Hair and scalp ointment. 242,548; Mar. 29.
Prospect Operations, Inc., Newark, N. J. Paintbrushes. 244,413; Mar. 29.
Pyrene Manufacturing Company, Newark, N. J. Portable fire extinguishers. 243,500; Mar. 29.
Queen Dress & Skirt Company, Milwaukee, Wis. Dresses and frocks. 241,788; Mar. 29.
Ramsey, James C., Roswell, N. Mex. Friction fire starter. 242,501; Mar. 29.
Rea-Patterson Milling Company, The, Coffeyville, Kans. Wheat flour. 242,393; Mar. 29.
Reading Maid Hosiery Mills, Reading, Pa. Hosiery. 241,181; Mar. 29.
Red Dot Chemical Company, Indianapolis, Ind. Window-shade cleaner. 239,769; Mar. 29.
Rex Research Corporation, Toledo, Ohio. Rodent exterminator. 243,830; Mar. 29.
Rochester Paper Co., Rochester, Mich. Blotting paper. 244,322–4; Mar. 29.
Rockford Mitten & Hosiery Company, Rockford, Ill. Outer garments. 241,441; Mar. 29.
Rock Run Mills, Goshen, Ind. Leg and foot warming bags or garments. 240,097; Mar. 29.
Root Manufacturing Company, Cohoes, N. Y. Knitted underwear. 220,144; Mar. 29.
Rose Doll Candy Shops, Inc., Sidney, Ohio. Candy. 241,243; Mar. 29.
Rottmar, Benedikt, doing business as Be-Ro-Laboratory, Brooklyn, N. Y. Preparation for reviving and promoting the better functioning of the organs and nerves, etc. 241,961; Mar. 29.
St. Louis Convention, Publicity and Tourist Bureau, St. Louis, Mo. Weekly publication. 239,898; Mar. 29.
Salz Bros., Inc., New York, N. Y. Fountain pens and pencils. 242,623; Mar. 29.
Samuel, Barnett, and Sons Limited, London, England. Talking machines and records. 237,145; Mar. 29.
Samuels, Alvin A., doing business as The Bride & Groom Publishing Co., New York, N. Y. Publication. 241,358; Mar. 29.
Sayers, Russell O., doing business as Auto Box Equipment Co., Mount Vernon, N. Y. Automobile license and ownership card boxes. 235,656; Mar. 29.
Schmitt-Orlo Company, Milwaukee, Wis. Overcoats. 242,442; Mar. 29.
Schoneberger & Noble, Inc., New York, N. Y. Beverages. 241,794; Mar. 29.
Schroder, J. Henry, Banking Corporation, New York, N. Y. Publication. 241,638; Mar. 29.
Schwarz & Son, Newark, N. J. Candy. 244,414; Mar. 29.
Scott County Milling Company, Sikeston, Mo. Wheat flour. 244,110; Mar. 29.
Sedgley, R. F., Inc., Philadelphia, Pa. Revolvers. 237,705; Mar. 29.
Selmer, H. & A., Inc., New York, N. Y. Clarinet and saxophone reeds, etc. 243,287; Mar. 29.
Serv-Us-Lite Manufacturing Co., Cleveland, Ohio. Automobile trouble lights. 242,444; Mar. 29.
Sheer, H. M., Co., Quincy, Ill. Incubators and brooders. 240,886; Mar. 29.
Shukovsky & Goldberg, Brooklyn, N. Y. Slippers. 243,564; Mar. 29.
Shuster Specialty Manufacturing Company, Philadelphia, Pa. Folding cots, tables, and chairs. 242,756; Mar. 29.
Skora, Jacob, doing business as De Rose Laboratory, Chicago, Ill. Hair tonic. 240,006; Mar. 29.
Slagle, Lavern S., doing business as Slagle Radio Company, Fort Wayne, Ind. Radio receiving sets, tubes, loud speakers, batteries, etc. 217,967; Mar. 29.
Slattery, E. T., Company, Boston, Mass. Dresses, scarfs, hats, gloves, coats, etc. 243,503; Mar. 29.
Snapple Service Manufacturing Company, Yakima, Wash. Apple-vending machines. 243,177; Mar. 29.
Società Generale Delle Conserve Alimentari Cirio, San Giovanni a Teduccio, near Naples, Italy. Preserved fruits and vegetables. 243,240; Mar. 29.
Société Anonyme Du Graissage Alcyl, Paris, France. Apparatus for lubricating internal-combustion engines, steam engines, electromotors, etc. 240,041; Mar. 29.
Sorrentino, Umberto, Jersey City, N. J. Olive oil. 243,667; Mar. 29.
Squibb, E. R., & Sons, New York, N. Y. Castor-oil emulsion. 244,114; Mar. 29.
Standard Musical String & Mfg. Corp., New York, N. Y. Strings for fretted musical instruments 243,506; Mar. 29.
Stearns, F. U. & Company, New York, N. Y. Cotton piece goods. 244,478; Mar. 29.
Stemor Company, Inc., New York, N. Y. Patterns for embroidery. 234,008; Mar. 29.
Stewart, Alexander B., Organization, The, Los Angeles, Calif. Canned tunny. 244,193; Mar. 29.
Stipe, Francis M., doing business as Stipe Chemical Co., Newton, Kans. Ointment for colds, coughs, croup, sore throat, etc. 243,671; Mar. 29.
Strauss Harmonica Company, Inc., New York, N. Y. Mouth harmonicas. 243,567; Mar. 29.
Sugden, James F., Cleveland, Ohio. Nonalcoholic, malt-less beverage. 243,673; Mar. 29.
Summerfield & Hecht, Detroit, Mich. Refrigerators. 233,755; Mar. 29.
Sure-LA-Co., Inc., Chicago, Ill. Hair tonic. 241,248; Mar. 29.
Syracuse Dry Goods Company, Syracuse, N. Y. Overalls, work shirts, pants, rompers, and coats for men, women, and children. 226,449; Mar. 29.
Syracuse Dry Goods Company, Syracuse, N. Y. Gloves and mittens, shirts and pyjamas. 226,451; Mar. 29.
Tar Products Corporation, Providence and East Providence, R. I. Coal tar, lens pitch, etc. 229,416; Mar. 29.
Tennessee Coal, Iron & Railroad Company, Birmingham, Ala. Galvanized sheets of iron or steel. 244,633; Mar. 29.
Thermwool Products Co. Inc., New York, N. Y. Eletrical conduit. 243,983; Mar. 29.
Thompson Spring Corporation, Wilmington, Del. Shock absorbers, rebound restrainers, and springs for vehicles. 243,674; Mar. 29.
Toloma Creamery, Los Angeles, Calif. Butter. 243,896; Mar. 29.
Transo Envelope Company, Chicago, Ill. Mailing envelopes. 227,608; Mar. 29.
Tuttle Press Company, The, Appleton, Wis. Crepe paper. 243,729; Mar. 29.
Twinklex Flasher Company, San Francisco, Calif. Electrical apparatus. 244,116–17; Mar. 29.
Union Confectionery Machinery Co. Inc., New York, N. Y. Machinery for the use of bakers and confectioners in making candy and chocolates. 241,502–3; Mar. 29.
Union Underwear Company, Incorporated, Indianapolis, Ind. Textile fabric underwear. 240,459–60; Mar. 29.
Unit Stove & Furnace Co., Belleville, Ill., and Birmingham, Ala. Ranges, stoves, and furnaces. 242,452; Mar. 29.
United States Gypsum Company, Chicago, Ill. Powdered building insulation, calcined gypsum, wall plasters, etc. 231,574; Mar. 29.
Vedova, Irma, New York, N. Y. Hair tonic and dandruff killer. 240,011; Mar. 29.
Vestal Chemical Co., St. Louis, Mo. Protective cleanser and scrubbing compound for floors, etc. 243,464; Mar. 29.
Vimco Mfg. Company, Inc., Buffalo, N. Y. Portable electric lamps. 243,244; Mar. 29.
Vital Food Co. (See Wilke, Rose.)
Walbert Manufacturing Company, Inc., Chicago, Ill. Toy horseshoe games. 244,118; Mar. 29.
Walker Oil Burner Corp., St. Louis, Mo. Oil burners. 243,403; Mar. 29.
Wanamaker, John, New York, New York, N. Y. Modern and antique home furnishings and garden furniture. 238,629; Mar. 29.
Wanamaker, John, New York, New York, N. Y. Reproductions of antique furniture. 242,869; Mar. 29.
Wappat Gear Works, Pittsburgh, Pa. Lock mortisers, saws, and power planes. 243,515; Mar. 29.
Washburn Crosby Company, Minneapolis, Minn. Semolina. 24,259; Mar. 29.
Wasmuth-Endicott Company, Andrews, Ind. Ironing boards. 243,028; Mar. 29.
Wasmuth-Endicott Company, Andrews, Ind. Refrigerators. 243,030; Mar. 29.
Watkins, J. R., Company, The, Winona, Minn. Hog, poultry, and livestock mineral ration. 242,870; Mar. 29.
Waukegan Chemical Company, North Chicago, Ill. Solutions of nitrocellulose. 242,459; Mar. 29.
Waxman, Benjamin, deceased, doing business as Great Eastern Manufacturing Company; Rose Waxman, administratrix, Philadelphia, Pa. Overalls. 232,228; Mar. 29.
Waxman, Rose, administratrix. (See Waxman, Benjamin.)
Welker-Hoops Manufacturing Company, The, Middletown, Conn. Gasoline gauges. 243,404; Mar. 29.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Wellson Specialty Co., Toronto, Canada. Hair tonics, special hair tonics, restorative tonics, etc. 241,595; Mar. 29.
Western Pine Manufacturers Association, Portland, Oreg. Lumber, woodwork, and lath. 243,333; Mar. 29.
Wheelock, Lovejoy & Company, Inc., Cambridge, Mass.; New York, N. Y.; Cleveland, Ohio; and Chicago, Ill. Metals and metal castings and forgings. 243,123–4; Mar. 29.
Wilke, Rose, doing business as Vital Food Co., Los Angeles, Calif. Medicinal remedies. 206,816; Mar. 29.
Willits Green & Marston, doing business as Willits & Green, Los Angeles, Calif. Peanut butter, crushed fruits, jams, fruits, etc. 229,841; Mar. 29.
Wills, Leon C., doing business as Baldwin-Haggard Company, Philadelphia, Pa. Medicinal anodyne and sedative tablet. 242,263; Mar. 29.
Wills Products Company, The. (See Greene, William E.)
Wood Flong Corporation, New York, N. Y. Stereotype mats or matrices. 243,181; Mar. 29.
Worumbo Manufacturing Company, Bath, Me. Woolen goods in the piece. 244,265; Mar. 29.
York Manufacturing Co. Inc., New York, N. Y. Cloth in the piece. 241,974; Mar. 29.
Young, W. H., Corporation, Chicago, Ill. Printing ink and ink for type ribbons. 226,271; Mar. 29.
Young, W. H., Corporation, Chicago, Ill. Ink remover. 226,324; Mar. 29.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Leather and leather soles for boots and shoes, Sole. Regal Shoe Company Inc. 60,563; renewed Feb. 12, 1927.
Leather, Imitation. British Pluviusin Company. 61,606; renewed Apr. 2, 1927.
Silver, lead, or plumbago foundry facings and pulverized graphite. United States Graphite Co. 64,076; renewed July 23, 1927.

CLASS 3.

Bags, Ladies' hand. Art Engraving and Novelty Company. 225,880; Mar. 29; Serial No. 238,945; published Dec. 28, 1926.
Harness and luggage buckles. U. S. Hame Company. 225,879; Mar. 29; Serial No. 238,879; published Dec. 28, 1926.

CLASS 4.

Cleaner and color restorer, Rug and carpet. Marvel Mfg. Co. 225,931; Mar. 29; Serial No. 228,326; published Jan. 11, 1927.
Cleaner, Floor. J. M. Cinnamond. 226,090; Mar. 29; Serial No. 237,783; published Jan. 11, 1927.
Cleaning solution. R. R. Street & Co. 225,966; Mar. 29; Serial No. 240,223; published Jan. 11, 1927.
Cleansing compound and dressing for leather and skin articles. Regal Shoe Company Inc. 60,565; renewed Feb. 12, 1927.
Cleansing compound and dressing for leather, skin, and canvas articles. Regal Shoe Company Inc. 60,564; renewed Feb. 12, 1927.
Compound for polishing metals and other hard materials. G. W. Hoffman. 64,090; renewed July 23, 1927.
Gravel paper. A. W. Robison. 225,974; Mar. 29; Serial No. 240,096; published Jan. 11, 1927.
Polish. F. V. Morse. 60,697–704; renewed Feb. 19, 1927.
Polish comprising black lead, plumbago, or graphite, and for stove polish. F. V. Morse. 61,306; renewed Mar. 12, 1927.
Preparation for preventing the collection of moisture or water upon surfaces. Keeps-Kleer Co. 226,026; Mar. 29; Serial No. 239,372; published Jan. 11, 1927.
Soap. E. von Seyfried. 225,949; Mar. 29; Serial No. 238,758; published Jan. 11, 1927.
Soaps. Joseph Gutradt Company. 225,947; Mar. 29; Serial No. 238,222; published Jan. 11, 1927.
Washing and cleaning compound. Economics Laboratory, Incorporated. 226,028; Mar. 29; Serial No. 239,802; published Jan. 11, 1927.

CLASS 5.

Adhesives. I. G. Farbenindustrie Aktiengesellschaft. 225,918; Mar. 29; Serial No. 240,243; published Dec. 28, 1926.
Cementing material, Fluid. Letellier Laboratories of New Jersey, Inc. 225,866; Mar. 29; Serial No. 240,308; published Dec. 28, 1926.
Cements made wholly or partly of rubber. Badger Rubber Works. 225,909; Mar. 29; Serial No. 240,640; published Jan. 4, 1927.
Puncturepreofing compound. J. H. Booth. 225,882; Mar. 29; Serial No. 239,220; published Jan. 11, 1927.
Sealing compound for gaskets. Zip Abrasive Company. 226,098; Mar. 29; Serial No. 240,046; published Dec. 28, 1926.

CLASS 6.

Analgesic and antipyretic. Ammonol Chemical Company. 63,920; renewed July 16, 1927.
Analgesic, antalgic, and antipyretic. Tilden Company. 226,079; Mar. 29; Serial No. 241,010; published Jan. 18, 1927.
Antiseptic, emollient, and powerful suppurative, Bland. W. H. Regan. 225,829; Mar. 29; Serial No. 241,298; published Jan. 18, 1927.
Antiseptics and antipyretics. Firm of E. Merck. 29,914; renewed Apr. 27, 1927.
Baking powder. Cleveland Baking Powder Company. 63,803; renewed July 9, 1927.
Baking powder. Sea Gull Specialty Company. 225,899; Mar. 29; Serial No. 239,602; published Jan. 18, 1927.
Bluing, Powdered. Francis H. Leggett & Company. 226,074; Mar. 29; Serial No. 241,418; published Jan. 18, 1927.
Chemical compound for treating burns. E. W. Rhome. 226,137; Mar. 29.
Chemical organic tanning materials. National Oil Products Company. 226,022; Mar. 29; Serial No. 236,948; published Jan. 18, 1927.
Chemical preparations and apothecary goods. Chemosan Aktiengesellschaft. 225,870; Mar. 29; Serial No. 241,202; published Jan. 18, 1927.
Chemicals, Boiler. Valentine Company. 225,951; Mar. 29; Serial No. 239,208; published Jan. 11, 1927.
Chemicals used in the vulcanization of rubber. Roessler & Hasslacher Chemical Company. 226,078; Mar. 29; Serial No. 241,003; published Jan. 18, 1927.
Cinchona alkaloids, Derivatives of. Vereinigte Chininfabriken Zimmer & Co. 29,895; renewed Apr. 20, 1927.
Colors, Food. Chr. Hansen's Laboratory, Inc. 225,835; Mar. 29; Serial No. 239,982; published Jan. 18, 1927.
Compound, Boiler-cleaning. H. Billingham. 226,083; Mar. 29; Serial No. 233,523; published Nov. 30, 1926.
Compound, Vegetable. Rasmussen and Levins. 225,890; Mar. 29; Serial No. 238,994; published Jan. 18, 1927.
Cosmetics. Hollywood Beauty Products Co. 225,892–3; Mar. 29; Serial Nos. 239,109–10; published Jan. 18, 1927.
Cosmetics and toilet preparations. Biroto, Perfumer. 225,948; Mar. 29; Serial No. 238,701; published Jan. 11, 1927.
Deodorizing powder. Companion Products Company. 226,062; Mar. 29; Serial No. 241,324; published Jan. 18, 1927.
Depilatory. Société Anonyme des Laboratoires Ch. Roger. 226,016; Mar. 29; Serial No. 236,855; published Jan. 18, 1927.
Disinfectants and germicides. American Disinfecting Company. 226,045; Mar. 29; Serial No. 240,383; published Jan. 11, 1927.
Disinfectants and germicides. American Disinfecting Company. 226,048; Mar. 29; Serial No. 240,390; published Jan. 11, 1927.
Dyes, Hair. Paragon Laboratories, Inc. 226,051; Mar. 29; Serial No. 240,502; published Jan. 18, 1927.
Foot powder and deodorant. Frank L. and Earl M. Stewart. 225,973; Mar. 29; Serial No. 240,101; published Jan. 11, 1927.
Hair grower. F. M. Martin. 225,871; Mar. 29; Serial No. 241,170; published Jan. 18, 1927.
Hair rinses. M. A. Mingus. 225,855; Mar. 29; Serial No. 241,062; published Jan. 18, 1927.
Insecticides. American Disinfecting Company. 226,042; Mar. 29; Serial No. 240,387; published Jan. 11, 1927.
Insecticides. American Disinfecting Company. 226,047; Mar. 29; Serial No. 240,391; published Jan. 11, 1927.
Insecticides and disinfectants, American Disinfecting Company. 226,043; Mar. 29; Serial No. 240,386; published Jan. 11, 1927.
Laxative. Park Drug Co. 225,821; Mar. 29; Serial No. 240,211; published Jan. 18, 1927.
Laxatives. H. L. Fischer. 226,049; Mar. 29; Serial No. 240,180; published Jan. 11, 1927.
Medical preparation. H. Hartman. 225,854; Mar. 29; Serial No. 241,051; published Jan. 18, 1927.
Medicated lozenges. Pix Aktiebolag. 226,155; Mar. 29.
Medicinal preparation. S. Pfeifer Mfg. Co. 225,919; Mar. 29; Serial No. 240,440; published Jan. 18, 1927.
Medicinal tea. C. and H. Steinkraus. 29,361; renewed Dec. 29, 1926.
Medicine, Mrs. M. Le Rhodes. 225,826; Mar. 29; Serial No. 240,095; published Jan. 18, 1927.
Medicine. H. B. Wampler. 225,840; Mar. 29; Serial No. 240,934; published Jan. 18, 1927.
Medicine, Cancer. R. Sill. 225,977; Mar. 29; Serial No. 221,209; published Jan. 11, 1927.

Medicine, Cough. Fre-Lax Medicine Company. 225,857; Mar. 29; Serial No, 241,150; published Jan. 18, 1927.
Medicines. S. B. Leonardi. 64,635; renewed Aug. 13, 1927.
Oil, iodine, talcum powder, and cough mixtures, Castor. Kaw Products Co. 225,916; Mar. 29; Serial No. 240,263; published Jan. 18, 1927.
Oils employed in the tanning of leather. National Oil Products Company. 225,943; Mar. 29; Serial No. 236,386; published Jan. 11, 1927.
Ointment. M. Radin. 225,868; Mar. 29; Serial No. 241,241; published Jan. 18, 1927.
Ointment and salve. Appen-D-Form Company. 64,450; renewed Aug. 6, 1927.
Perfume extract, toilet water, sachets, face powder, and brilliantine. Mouilleron, Inc. 225,830–1; Mar. 29; Serial Nos. 214,291–2; published Jan. 18, 1927.
Perfume, toilet water, sachets, etc. Houbigant, Inc. 226,004; Mar. 29; Serial No. 234,476; published Jan. 18, 1927.
Perfumes. C. H. Kondazian. 225,861; Mar. 29; Serial No. 241,107; published Jan. 18, 1927.
Perfumes and toilet water. Myrurgia, S. A. 225,911; Mar. 29; Serial No. 240,566; published Jan. 11.
Perfumes and toilet water. Myrurgia, S. A. 225,912; Mar. 29; Serial No. 240,564; published Jan. 11, 1927.
Perfumes and toilet water. Myrurgia, S. A. 225,914; Mar. 29; Serial No. 240,563; published Jan. 11, 1927.
Perfumes, Concentrated. Odorbase Manufacturing Company. 226,139; Mar. 29.
Perfumes, essences of perfumes, etc. Schimmel & Co. 225,841; Mar. 29; Serial No. 240,881; published Jan. 18, 1927.
Petroleum gas and hydrocarbon gas. G. S. Wisecarver. 225,849; Mar. 29; Serial No. 240,637; published Jan. 11, 1927.
Pigment coloring material. Excelso Products Company. 225,941; Mar. 29; Serial No. 235,464; published Jan. 11, 1927.
Pills, tar compound, toothache drops, etc., Liver. W. J. O'Shaughnessy. 225,934; Mar. 29; Serial No. 230,043; published Jan. 4, 1927.
Poison, Animal and insect. Buffalo Specialty Company. 226,073; Mar. 29; Serial No. 241,391; published Jan. 18, 1927.
Preparation for the feet. Companion Products Company. 226,063; Mar. 29; Serial No. 241,326; published Jan. 18, 1927.
Preparation for the internal treatment of asthma. W. N. Powers. 226,018; Mar. 29; Serial No. 235,707; published Jan. 18, 1927.
Preparation for the relief of coughs. E. A. Foster. 226,050; Mar. 29; Serial No. 240,136; published Jan. 11, 1927.
Preparation for the treatment of digestive disorders. Pepsin Syrup Company. 225,873; Mar. 29; Serial No. 235,846; published Dec. 7, 1926.
Preparation for the treatment of pyorrhea, etc., Liquid. S. D. Bell. 225,853; Mar. 29; Serial No. 241,027; published Jan. 18, 1927.
Preparations for the treatment of neuralgia, rheumatism, headache, etc. Sydney Ross Co. 225,953; Mar. 29; Serial No. 239,868; published Jan. 11, 1927.
Remedies for diarrhea and catarrh of the stomach and bowels. Chemische Fabrik Rhenania. 29,831; renewed Apr. 13, 1927.
Remedy for wounds. Chemische Fabrik Rhenania. 29,836; renewed Apr. 13, 1927.
Resins, Synthetic or chemically-prepared. Rohm & Haas Co. 225,956; Mar. 29; Serial No. 239,949; published Jan. 11, 1927.
Rouge, face and talcum powder, toilet water, etc., Lip and face. F. Glatzer. 226,005; Mar. 29; Serial No. 234,834; published Jan. 11, 1927.
Salt. Figaro Chemical Company. 225,955; Mar. 29; Serial No. 239,881; published Jan. 11, 1927.
Salve. Karnak Chemical Company. 225,823; Mar. 29; Serial No. 240,140; published Jan. 11, 1927.
Salve. G. L. Schilling. 226,116; Mar. 29; Serial No. 238,385; published Jan. 18, 1927.
Salve, Eczema. Dr. K. Arouni. 225,945; Mar. 29; Serial No. 237,401; published Jan. 11, 1927.
Shampoo, washes, dyes, etc., Hair. F. Glatzer. 225,985; Mar. 29; Serial No. 234,835; published Jan. 11, 1927.
Sizings. M. Feigel & Bro. Inc. 226,020; Mar. 29; Serial No. 236,315; published Jan. 18, 1927.
Soda, Washing. Buckeye Soda Company. 225,954; Mar. 29; Serial No. 239,879; published Jan. 11, 1927.
Tablets, Breath. J. A. Maglio. 225,979; Mar. 29; Serial No. 224,714; published Jan. 11, 1927.
Toilet articles. Les Parfums de Rosine, Inc. 225,833; Mar. 29; Serial No. 239,992; published Jan. 18, 1927.
Toilet articles. Les Parfums de Rosine, Inc. 225,834; Mar. 29; Serial No. 239,987; published Jan. 18, 1927.
Tonic. F. M. Whitt. 225,946; Mar. 29; Serial No. 238,032; published Jan. 11, 1927.

CLASS 7.

Twines and cords. New York Twine Corporation. 225,982; Mar. 29; Serial No. 232,146; published Jan. 11, 1927.

CLASS 8.

Cigar humidors. Conner Novelty Company. 226,011; Mar. 29; Serial No. 235,380; published Jan. 18, 1927.

CLASS 9.

Matches, Friction. Palmer Match Company. 226,154; Mar. 29.

CLASS 11.

Ink, Drying composition for printing. Homer W. Palmer & Company. 226,142; Mar. 29.
Typewriter ribbons. H. M. Storms Company. 63,046; renewed June 4, 1927.
Typewriter ribbons and carbon papers. H. M. Storms Company. 62,879; renewed May 28, 1927.

CLASS 12.

Calcined plasters and casting plasters. Samuel H. French & Co. 62,834; renewed May 28, 1927.
Cement, Portland, natural rock, and improved. American Cement Company. 62,710; renewed May 21, 1927.
Concrete pavements, Bituminous. Barber Asphalt Paving Company. 63,140; renewed June 11, 1927.
Felt and paper. J. A. & W. Bird & Co. 64,349; renewed Aug. 6, 1927.
Lime. Woodville Lime Products Company. 226,086; Mar. 29; Serial No. 236,971; published Nov. 2, 1926.
Rock, Ground granules of serpentine. Cardiff Green Marble Co. 226,143; Mar. 29.

CLASS 13.

Brass, iron, or steel fixtures, fittings and accessories for bathrooms, bathtubs, water-closets, and lavatories. E. H. Titchener & Co. 226,019; Mar. 29; Serial No. 235,902; published Jan. 18, 1927.
Buckles. Mosler Metal Products Corp. 225,902; Mar. 29; Serial No. 239,712; published Jan. 18, 1927.
Pipe unions, Metal. King Union Company. 225,898; Mar. 29; Serial No. 239,587; published Jan. 18, 1927.
Wire chain. Bridgeport Chain Company. 64,129; renewed July 23, 1927.

CLASS 14.

Cast steel. Gebr. Böhler & Co. Aktiengesellschaft. 61,598; renewed Mar. 26, 1927.

CLASS 15.

Gasoline and motor oils. F. G. Jones. 226,124; Mar. 29; Serial No. 216,105; published Jan. 5, 1926.
Lubricants. Wadhams Oil Company. 63,888; renewed July 9, 1927.
Oils and greases, Lubricating. Berger-Adams Petroleum Co. 226,059; Mar. 29; Serial No. 225,107; published Nov. 30, 1926.
Oils and greases, Lubricating. B. L. Feuerstein. 226,123; Mar. 29; Serial No. 210,959; published June 2, 1925.

CLASS 16.

Enamels, Paint. Arnesto Paint Co. Inc. 225,900; Mar. 29; Serial No. 239,633; published Jan. 4, 1927.
Lacquer finish, ready-mixed paints, and varnishes, Nitrocellulose. W. W. Lawrence & Company. 226,157; Mar. 29.
Lacquers. Eastman Kodak Company. 226,039; Mar. 29; Serial No. 240,542; published Jan. 11, 1927.
Paint. L. Sonneborn Sons, Inc. 62,512; renewed May 14, 1927.
Paint, paint enamels, and varnishes. Globe Varnish Company. 226,122; Mar. 29; Serial No. 210,519; published Feb. 9, 1926.
Paints and pigment colors. Benjamin Moore & Co. 63,466; renewed June 25, 1927.
Paints, varnishes, fillers, etc. James Nassau Company. 225,894; Mar. 29; Serial No. 239,114; published Jan. 4, 1927.
Polish. D. H. Slavit. 226,088; Mar. 29; Serial No. 237,302; published Jan. 11, 1927.
Polish, Automobile. F. V. Karnes & Co. 225,922; Mar. 29; Serial No. 219,283; published Jan. 11, 1927.
Polish, Automobile and furniture. C. Thornfield. 226,089; Mar. 29; Serial No. 237,343; published Jan. 11, 1927.
Polish, Semiliquid floor. Continental Chemical Corporation of Illinois. 225,989; Mar. 29; Serial No. 235,638; published Jan. 11, 1927.
Preparations for polishing wood floors, linoleums, etc. American Disinfecting Company. 226,044; Mar. 29; Serial No. 240,385; published Jan. 11, 1927.
Varnishes. Buckeye Paint & Varnish Co. 226,120; Mar. 29; Serial No. 191,997; published Mar. 9, 1926.
Wax, polishing cream, and furniture polish. Floor and liquid. Sapolin Co. Inc. 225,950; Mar. 29; Serial No. 239,143; published Jan. 11, 1927.

CLASS 17.

Cigars, cheroots, smoking and chewing tobacco, and cigarettes. A. H. Wright. 225,847; Mar. 29; Serial No. 240,764; published Jan. 18, 1927.
Tobacco and snuff, Smoking and chewing. Maclin-Zimmer-McGill Tobacco Co. Incorporated. 225,858; Mar. 29; Serial No. 241,168; published Jan. 18, 1927.
Tobacco and snuff, Smoking and chewing. Maclin-Zimmer-McGill Tobacco Co. Incorporated. 225,860; Mar. 29; Serial No. 241,168; published Jan. 18, 1927.

CLASS 19.

Carts and perambulators, Children's. Toy Vehicle Corp. 225,888–89; Mar. 29; Serial Nos. 238,754–5; published Jan. 18, 1927.

CLASS 21.

Electric hair driers. Wm. Meyer Company. 225,983; Mar. 29; Serial No. 232,407; published Jan. 11, 1927.
Electrical attachment plugs. Polymet Manufacturing Corporation. 225,975; Mar. 29; Serial No. 197,682; published May 26, 1925.
Phone plugs, rheostats, phone jacks, etc. Polymet Manufacturing Corporation. 225,921; Mar. 29; Serial No. 214,032; published July 20, 1926.
Radio receiving sets. Wasmuth-Goodrich Company. 225,976; Mar. 29; Serial No. 196,559; published Sept. 30, 1924.
Radio vacuum tubes. P. D. Jackson. 226,115; Mar. 29; Serial No. 238,377; published Jan. 18, 1927.
Vacuum tubes and valves. Radio Corporation of America. 225,952; Mar. 29; Serial No. 239,384; published Jan. 11, 1927.

CLASS 23.

Agitators and stirrers. Patterson Fdr'y & Mach. Co. 225,828; Mar. 29; Serial No. 239,764; published Jan. 18, 1927.
Agricultural machines. Deere & Mansur Co. 60,751; renewed Feb. 19, 1927.
Agricultural machines. Deere & Mansur Co. 60,789–90; renewed Feb. 19, 1927.
Automobile transmissions. Continuous Torque Transmission Company. 226,035; Mar. 29; Serial No. 240,849; published Jan. 11, 1927.
Cutlery, Base-metal table. International Silver Company. 225,897; Mar. 29; Serial No. 239,417; published Jan. 18, 1927.
Cutter, Cake and candy. J. R. Watkins Company. 225,825; Mar. 29; Serial No. 240,113; published Jan. 18, 1927.
Engines and traction engines, Portable. Avery Manufacturing Company. 64,009; renewed July 16, 1927.
Engines and traction engines, Portable. Avery Manufacturing Company. 64,160; renewed July 30, 1927.
Engines, steam slush pumps, rotary drilling machines, Steam, etc. Associated Supply Company. 226,128; Mar. 29; Serial No. 219,570; published Nov. 2, 1926.
Hoe and weeder, Combination garden. W. C. Boswell. 225,915; Mar. 29; Serial No. 240,291; published Jan. 18, 1927.
Knives, razors, forks, and scissors. Van Camp Hardware & Iron Co. 64,318; renewed July 30, 1927.
Lubricators. Lunkenheimer Company. 63,034–5; renewed June 4, 1927.
Pistons, Aluminum-alloy gasoline-engine. United Engine & Machine Co. 225,999; Mar. 29; Serial No. 229,364; published Aug. 31, 1926.
Printing equipment. Barney & Gegenheimer. 225,937; Mar. 29; Serial No. 232,246; published Jan. 18, 1927.
Shovels, spades, and scoops. Ames Shovel and Tool Company. 225,905; Mar. 29; Serial No. 240,944; published Jan. 11, 1927.
Shovels, spades, and scoops. Ames Shovel and Tool Company. 225,906–7; Mar. 29; Serial Nos. 240,941–2; published Jan. 11, 1927.
Spinning machines. Werber Machine Co. 226,087; Mar. 29; Serial No. 237,053; published Jan. 18, 1927.
Thrashing and grain-separating machinery. Avery Manufacturing Company. 64,026; renewed July 23, 1927.
Thrashing and grain-separating machines. Avery Manufacturing Company. 64,159; renewed July 30, 1927.
Tools. Cleveland Twist Drill Company. 225,836; Mar. 29; Serial No. 239,971; published Jan. 18, 1927.
Tools and tool kits. Worcester Steel Products Co. 225,926; Mar. 29; Serial No. 223,757; published Jan. 18, 1927.
Tools, Diamond-pointed cutting, dressing, and turning. F. F. Gilmore. 226,024; Mar. 29; Serial No. 239,410; published Jan. 18, 1927.
Trimmers, Tree. Roy-Jax Company. 225,987; Mar. 29; Serial No. 235,428; published Jan. 11, 1927.
Washers and reel machines used in the textile industry. Rodney Hunt Machine Company. 226,146; Mar. 29.
Wrenches. Coes Wrench Co. 64,696; renewed Aug. 20, 1927.

CLASS 24.

Pressing machines. American Laundry Machinery Company. 225,827; Mar. 29; Serial No. 240,054; published Jan. 18, 1927.
Washboards. American Washboard Company. 62,442; renewed May 7, 1927.
Washboards. American Washboard Company. 62,790; renewed May 28, 1927.
Washboards. American Washboard Company. 62,794; renewed May 28, 1927.
Washboards. American Washboard Company. 62,979; renewed June 4, 1927.
Washing machines and wringers. Nineteen Hundred Washer Co. 61,501; renewed Mar. 26, 1927.
Washing machines, Power-operated clothes-. Nineteen Hundred Washer Company. 226,129; Mar. 29; Serial No. 220,293; published Mar. 2, 1926.

CLASS 26.

Films, Cinematographic. Pathé Exchange, Inc. 225,981; Mar. 29; Serial No. 231,205; published Dec. 28, 1926.
Measuring telephone toll calls, Device for. S. F. Withe. 226,158; Mar. 29.
Optical instruments and parts thereof. Firm Carl Zeiss. 29,857; renewed Apr. 20, 1927.

CLASS 27.

Clocks, Alarm. F. Borletti. 225,980; Mar. 29; Serial No. 228,691; published Jan. 11, 1927.
Watches, Men's strap. Dueber-Hampden Watch Co. 225,839; Mar. 29; Serial No. 239,847; published Jan. 11, 1927.

CLASS 28.

Scales, Weighing and counting. A-C Scale Co. 225,822; Mar. 29; Serial No. 240,158; published Jan. 18, 1927.

CLASS 29.

Brushes. John L. Whiting-J. J. Adams Company. 225,908; Mar. 29; Serial No. 240,836; published Jan. 11, 1927.
Brushes. John L. Whiting-J. J. Adams Company. 225,904; Mar. 29; Serial No. 226,393; published Jan. 11, 1927.
Brushes, Paint and varnish. Samuel H. French & Co. 60,522; renewed Feb. 12, 1927.
Brushes, Shaving. J. C. Penney Company. 225,913; Mar. 29; Serial No. 240,150; published Jan. 11, 1927.
Paintbrushes. Patterson-Sargent Company. 226,097; Mar. 29; Serial No. 240,039; published Jan. 11, 1927.

CLASS 30.

China. Geo. Borgfeldt & Co. 63,524; renewed June 25, 1927.

CLASS 32.

Mattresses, box mattresses, cushions, etc. John P. Cleese Inc. 225,885; Mar. 29; Serial No. 238,638; published Jan. 18, 1927.
Mirrors. Metropolitan Electric Mfg. Co. 225,964; Mar. 29; Serial No. 240,312; published Jan. 18, 1927.

CLASS 33.

Glass, Sheet. Libbey-Owens Sheet Glass Company. 226,150; Mar. 29.

CLASS 34.

Furnaces, etc., Remotely controlled air-heating. Potter Radiator Corporation. 225,986; Mar. 29; Serial No. 235,274; published Jan. 11, 1927.
Gas burners of ordinary metals. Geo. Bray & Co. Ltd. 61,800–5; renewed Apr. 9, 1927.
Radiators, Air deflecting shields for. J. D. Gerken Co. 225,917; Mar. 29; Serial No. 240,251; published Jan. 18, 1927.
Ranges, Gas. Buck's Stove & Range Company. 225,920; Mar. 29; Serial No. 240,338; published Jan. 18, 1927.
Ventilating apparatus for ships or buildings, Built-in. Thermo-Tanks, Limited. 226,025; Mar. 29; Serial No. 239,549; published Jan. 11, 1927.

CLASS 35.

Pipe-joint runners and steam packings. G. H. Wilkins Co. 226,101; Mar. 29; Serial No. 237,097; published Jan. 18, 1927.
Tires and inner tubes, etc. Mohawk Rubber Company. 225,929; Mar. 29; Serial No. 225,484; published Jan. 18, 1927.
Tires and tubes. Goodyear Tire & Rubber Company. 225,965; Mar. 29; Serial No. 204,165; published Jan. 18, 1927.
Tires, castings, tubes, hose, and belts, Automobile. Badger Rubber Works. 226,038; Mar. 29; Serial No. 240,583; published Jan. 11, 1927.
Tires, Pneumatic. Nap Pneumatic Tyre Company Limited. 226,000; Mar. 29; Serial No. 230,497; published Jan. 18, 1927.
Tires, tire casings, tire sleeves, and inner tubes. Badger Rubber Works. 225,872; Mar. 29; Serial No. 240,582; published Jan. 11, 1927.
Tube patches, Rubber. H. A. Heitman. 225,904; Mar. 29; Serial No. 239,751; published Jan. 18, 1927.
Tube-repair kits for pneumatic vehicle tires. Brooker-Davis Paper Co. 225,901; Mar. 29; Serial No. 239,696; published Jan. 18, 1927.

CLASS 36.

Harmonicas. Ferdinand Strauss Corporation. 225,832; Mar. 29; Serial No. 239,775; published Jan. 11, 1927.
Pianos and piano players. Autopiano Company. 226,117; Mar. 29; Serial No. 238,478; published Jan. 11, 1927.
Tone modifier. W. Deerfoot. 226,075; Mar. 29; Serial No. 240,964 published Jan. 11, 1927.

CLASS 37.

Loose-leaf structures. National Blank Book Co. 225,957; Mar. 29; Serial No. 239,998; published Jan. 11, 1927.
Paper, Enameled book. C. P. Lesh Paper Company. 226,107; Mar. 29; Serial No. 237,673; published Jan. 4, 1927.

Paper novelties. B. Wilmsen. 64,410; renewed Aug. 6, 1927.
Pencils, chalk holders, etc. Reeves & Sons Limited. 225,978; Mar. 29; Serial No. 221,769; published Jan. 11, 1927.

CLASS 38.

Cartoon strip. H. L. Taskey. 225,939; Mar. 29; Serial No. 234,419; published Jan. 11, 1927.
Directory and list of attorneys, Bankers'. Rand McNally and Company. 62,803; renewed May 28, 1927.
Directory and list of attorneys, Bankers'. Rand McNally and Company. 62,931; renewed May 28, 1927.
Magazine. Antiquarian Publishing Co. 225,969; Mar. 29; Serial No. 240,945; published Jan. 11, 1927.
Magazine. Consrad Co. 225,933; Mar. 29; Serial No. 230,019; published Jan. 11, 1927.
Magazine. Dell Publishing Company. 226,034; Mar. 29; Serial No. 241,093; published Jan. 11, 1927.
Magazine. Dell Publishing Company. 226,046; Mar. 29; Serial No. 240,346; published Jan. 11, 1927.
Magazine. H. F. Henrichs. 226,091; Mar. 29; Serial No. 238,177; published Jan. 11, 1927.
Magazine. National Live Stock Producers Association. 225,970; Mar. 29; Serial No. 240,873; published Jan. 11, 1927.
Magazine. W. W. Raleigh. 226,033; Mar. 29; Serial No. 240,624; published Jan. 11, 1927.
Magazine. Wisconsin Rapids Tribune Company. 226,052; Mar. 29; Serial No. 240,380; published Jan. 11, 1927.
Magazine. J. T. Wood. 225,968; Mar. 29; Serial No. 241,015; published Jan. 11, 1927.
Magazine, Supplement to a trade. Plumbing, Heating & Ventilating Publishing Corporation. 226,036; Mar. 29; Serial No. 240,791; published Jan. 11, 1927.
Magazines. Popular Invention Publishing Co. 226,102; Mar. 29; Serial No. 237,512; published Nov. 9, 1926.
Maps, Road. H. M. Gousha Company. 226,094; Mar. 29; Serial No. 238,315; published Jan. 11, 1927.
Periodical. Prairie Farmer Publishing Co. 226,027; Mar. 29; Serial No. 239,676; published Jan. 11, 1927.
Publication. Atlas Publishing Company. 226,023; Mar. 29; Serial No. 239,557; published Jan. 11, 1927.
Publication. Connecticut Valley Tobacco Association, Incorporated. 226,030; Mar. 29; Serial No. 239,844; published Jan. 11, 1927.
Publication. Radio Mechanics, Inc. 226,029; Mar. 29; Serial No. 239,867; published Jan. 11, 1927.

CLASS 39.

Boots and shoes. Red Wing Shoe Company. 226,056; Mar. 29; Serial No. 223,334; published July 13, 1926.
Boots and shoes, Leather. W. M. Laird Company. 64,563; renewed Aug. 13, 1927.
Boots and shoes, Leather. Regal Shoe Company Inc. 61,608; renewed Mar. 26, 1927.
Boots and shoes, Rubber. Hood Rubber Company. 62,999; renewed June 4, 1927.
Boots and shoes, Soles and heels for. Marathon Rubber Company. 226,055; Mar. 29; Serial No. 221,750; published Dec. 7, 1926.
Clothing, Young men's. L. J. & C. D. Jaffee Inc. 226,092; Mar. 29; Serial No. 238,179; published Jan. 11, 1927.
Gloves, mittens, and gauntlets made of horsehide. American Glove Co. 61,359; renewed Mar. 19, 1927.
Hats, Ladies' trimmed. J. Bloomfield. 226,021; Mar. 29; Serial No. 236,671; published Jan. 4, 1927.
Headwear. Ayers-Young Hat Co. 64,603; renewed Aug. 13, 1927.
Hoisery. Aycock Hosiery Mills. 225,910; Mar. 29; Serial No. 240,581; published Jan. 4, 1927.
Hoslery, knitted undershirts and drawers, Knitted. Guy, Curran & Co. 61,753; renewed Apr. 2, 1927.
Hoslery, Silk. Norma Silk Hosiery Co. Inc. 225,923; Mar. 29; Serial No. 220,970; published Jan. 11, 1927.
Knit goods. A. G. Spalding & Bros. 62,705; renewed May 21, 1927.
Shoes and slippers, Ladies' and misses' leather. Dixon-Bartlett Co. 62,130; renewed Apr. 23, 1927.
Suits and coats and women's suits, coats, and dresses, Men's. T. S. Martin Company. 226,145; Mar. 29.
Suits, Men's. Weyer & Heilbroner. 226,112; Mar. 29; Serial No. 238,348; published Nov. 23, 1926.
Underwear. Lambert Sales Company. 226,085; Mar. 29; Serial No. 234,133; published Nov. 30 1926.
Underwear, Knitted. Lesher-Raig Knitting Co. Limited. 64,223; renewed July 30, 1927.
Underwear, Men's. Cheltenham Knitting Co. 226,099; Mar. 29; Serial No. 240,065; published Jan. 11, 1927.

CLASS 42.

Cloth by the piece. Jass Manufacturing Co. 225,878; Mar. 29; Serial No. 238,553; published Nov. 23,1926.
Cotton piece goods. Catlin & Co. 225,837; Mar. 29; Serial No. 239,965; published Jan. 18, 1927.
Cotton piece goods. Massachussetts Cotton Mills. 53,925; renewed June 12, 1926.
Cotton, silk, and artificial-silk piece goods and combinations of the same. M. Lowenstein & Sons, Inc. 226,081; Mar. 29; Serial No. 232,618; published Jan. 11, 1927.
Cotton, silk, rayon, wool, fibers, and combinations of said materials all in the piece. Rice-Stix Dry Goods Company. 226,014; Mar. 29; Serial No. 234,229; published Dec. 14, 1926.
Drills, Piece goods. Bear Mill Manufacturing Company. 226,132; Mar. 29; Serial No. 225,161; published Jan. 18, 1927.
Fabrics in the piece, Woven, knitted, textile, and pile. Cheney Brothers. 226,061; Mar. 29; Serial No. 241,322; published Jan. 18, 1927.
Goods made of wool and combinations of wool and other materials, Piece. Lynx Corporation. 226,064; Mar. 29; Serial No. 241,342; published Jan. 18, 1927.
Rugs, Textile. Vayanos Brothers Inc. 226,012; Mar. 29; Serial No. 236,625; published Jan. 18, 1927.
Sateen piece goods. Bear Mill Manufacturing Company. 226,133; Mar. 29; Serial No. 225,162; published Jan. 18, 1927.
Silk piece goods. Alcot Fabrics Inc. 225,961–3; Mar. 29; Serial Nos. 240,331–3; published Jan. 18, 1927.
Silk piece goods. Albert Godde, Bedin, Inc. 226,066; Mar. 29; Serial No. 241,367; published Jan. 18, 1927.
Silk piece goods. Albert Godde, Bedin, Inc. 226,067; Mar. 29; Serial No. 241,369; published Jan. 18, 1927.
Silk piece goods. Puritan Silks Corporation. 225,877; Mar. 29; Serial No. 238,458; published Jan. 11, 1927.
Silk piece goods and silk velvet in the piece. Knickerbocker Silk Co. 226,015; Mar. 29; Serial No. 236,805; published Jan. 18, 1927.
Woolen piece goods. Forstmann & Huffmann Company. 225,842; Mar. 29; Serial No. 240,780; published Jan. 18, 1927.
Woolen piece goods. Forstmann & Huffmann Company. 225,843; Mar. 29; Serial No. 240,778; published Jan. 18, 1927.
Woolen piece goods. Forstmann & Huffmann Company. 225,844; Mar. 29; Serial No. 240,774; published Jan. 18, 1927.
Woolen piece goods. Forstmann & Huffmann Company. 225,846; Mar. 29; Serial No. 240,773; published Jan. 18, 1927.
Woolen piece goods. Lynx Corporation. 226,065; Mar. 29; Serial No. 241,343; published Jan. 18, 1927.
Woolens and worsteds in the piece. Andrew's Mill Co. 226,068–72; Mar. 29; Serial Nos. 241,376–80; published Jan. 18, 1927.
Woven cotton goods. Stark Mills. 50,391; renewed Mar. 13, 1926.
Woven, knitted, netted, textile, and pile fabrics in the piece. Cheney Brothers. 225,884; Mar. 29; Serial No. 239,740; published Jan. 11, 1927.

CLASS 43.

Yarns. J. A. Landau. 226,136; Mar. 29.

CLASS 44.

Arch supports. Scholl Mfg. Co. 225,932; Mar. 29; Serial No. 229,591; published Jan. 11, 1927.
Belts for therapeutical purposes, Electric. Restoro Co. 226,041; Mar. 29; Serial No. 240,441; published Jan. 11, 1927.
Braces and conformer corsets, Body. C. Munter. 61,409; renewed Mar. 19, 1927.
Condensation material for dental work and dentures. Iteco Company. 225,944; Mar. 29; Serial No. 236,939; published Jan. 11, 1927.
Containers used for substances to which it is desirable to impart the medicinal property of radioactive emanation. Revigorette Corporation. 225,935; Mar. 29; Serial No. 230,459; published Jan. 11, 1927.
Impregnate water with radium emanations, Devices to. B. J. Cohon. 225,958–60; Mar. 29; Serial Nos. 240,016–18; published Jan. 11, 1927.
Sanitary belts, napkin shields, and napkins. Ever Ready Rubber Products Corporation. 226,134; Mar. 29.
Steel bowls, feeding cups, etc., Enameled-. Vollrath Co. 225,925; Mar. 29; Serial No. 222,967; published Jan. 11, 1927.
Supporters, bodices, or corsets, Abdominal. H. M. Pfaltzgraff. 225,988; Mar. 29; Serial No. 234,801; published Jan. 11, 1927.
Surgical corsets, corrective supporters, etc. William S. Rice, Inc. 225,940; Mar. 29; Serial No. 234,680; published Jan. 11, 1927.
Surgical instruments. S. Doniger & Co. 226,147; Mar. 29.
Surgical knives and parts thereof. Gillette Safety Razor Company. 225,930; Mar. 29; Serial No. 227,009; published Jan. 11, 1927.
Syringes. Marvel Company. 226,077; Mar. 29; Serial No. 240,987; published Jan. 11, 1927.

CLASS 45.

Beverages sold as soft drinks and sirups and extracts for compounding the same. J. L. Teaver. 226,141; Mar. 29.
Mineral water. National Water Co. 63,533; renewed June 25, 1927.
Soda and mineral water. A. Lohr Bottling Co. 63,254; renewed June 11, 1927.
Waters, Mineral. Eisner & Mendelson Company of New York. 57,702; renewed Nov. 27, 1926.

CLASS 46.

Apples. American Fruit Growers Incorporated. 226,103; Mar. 29; Serial No. 237,638; published Jan. 18, 1927.
Biscuit food for wild game, poultry, and animals, Special. W. B. Jewett. 226,144; Mar. 29.
Biscuits. National Biscuit Company. 63,286; renewed June 11, 1927.
Biscuits and crackers. American Biscuit Company. 226,131; Mar. 29; Serial No. 220,817; published Mar. 30, 1926.
Biscuits, wafers, crackers, etc. National Biscuit Company. 225,997; Mar. 29; Serial No. 227,082; published Jan. 4, 1927.
Bread. J. E. Garratt. 226,060; Mar. 29; Serial No. 225,412; published Dec. 28, 1926.
Bread. McGavin's Bread, Inc. 225,992; Mar. 29; Serial No. 236,846; published Jan. 11, 1927.
Bread. Schulze Baking Co. 63,044; renewed July 16, 1927.
Cake. Continental Baking Co. 225,876; Mar. 29; Serial No. 238,165; published Nov. 16, 1926.
Candies. Beaudry Candy Co. 226,106; Mar. 29; Serial No. 237,640; published Jan. 18, 1927.
Candies. J. N. Collins Company. 226,121; Mar. 29; Serial No. 198,788; published Jan. 18, 1927.
Candies. Queen Candy Company. 226,126; Mar. 29; Serial No. 217,798; published Jan. 11, 1927.
Candy. P. W. Beals Candy Co. 225,852; Mar. 29; Serial No. 241,025; published Jan. 18, 1927.
Candy. George Blome & Son Co. 225,856; Mar. 29; Serial No. 241,130; published Jan. 18, 1927.
Candy. Cox Confectionery Company. 226,058; Mar. 29; Serial No. 224,449; published Jan. 18, 1927.
Candy. Gurley Candy Co. 226,076; Mar. 29; Serial No. 240,973; published Jan. 18, 1927.
Candy. Ward-Owsley Co. 226,127; Mar. 29; Serial No. 218,532; published Nov. 23, 1926.
Canned and dried fruits and canned vegetables. A. Gabrielson. 225,984; Mar. 29; Serial No. 232,671; published Jan. 11, 1927.
Canned fruits and vegetables. C. S. Morey Mercantile Company. 63,802; renewed July 9, 1927.
Canned fruits and vegetables. Pressing & Orr Co. 59,895; renewed Jan. 22, 1927.
Canned fruits and vegetables. Santa Cruz Fruit Packing Co. 225,895; Mar. 29; Serial No. 239,142; published Jan. 18, 1927.
Canned fruits and vegetables and dried fruits. Hall-Luhrs & Company. 226,084; Mar. 29; Serial No. 233,543; published Jan. 11, 1927.
Canned sardines. F. H. Fromm & Co. 64,384; renewed Aug. 6, 1927.
Caramel fruit compound to be used in the production of hot and cold beverages. J. J. Weir. 225,928; Mar. 29; Serial No. 224,889; published Jan. 18, 1927.
Cheese. Wisconsin Cheese Producers Federation. 225,936; Mar. 29; Serial No. 231,357; published Jan. 11, 1927.
Cheese. Milwaukee Cheese Company. 226,135; Mar. 29.
Chocolates, cocoa, candies, and biscuits. Naamlooze Vennootschap Maatschappij tot Exploitatie van Rademaker's Koninklijke Cacao & Chocoladefabrieken. 226,013; Mar. 29; Serial No. 236,705; published Jan. 18, 1927.
Cocoa. W. H. Baker, Inc. 226,093; Mar. 29; Serial No. 238,245; published Jan. 18, 1927.
Coffee. Hylton Coffee Co. 226,114; Mar. 29; Serial No. 238,374; published Jan. 18, 1927.
Coffee. Hylton Coffee Co. Inc. 226,118; Mar. 29; Serial No. 238,502; published Jan. 18, 1927.
Coffee. Paul R. Dieter Coffee Company. 226,138; Mar. 29.
Coffee, Green. J. Aron & Company. 226,080; Mar. 29; Serial No. 241,024; published Jan. 18, 1927.
Coffee in grain. J. Fernandez. 60,520; renewed Feb. 12, 1927.
Cookies. A. U. Dougherty. 226,156; Mar. 29.
Corn. D. I. Bushnell & Co. 60,645; renewed Feb. 19, 1927.
Crackers, cakes, wafers, etc. Green & Green Co. 226,054; Mar. 29; Serial No. 213,965; published Jan. 11, 1927.
Eggs, Sterilized storage. Truog-Shaw Co. 226,148; Mar. 29.
Extracts, Food-flavoring. Frank E. Harris Co. Inc. 226,057; Mar. 29; Serial No. 224,392; published Mar. 9, 1926.
Extracts, salad oil, vinegar, Food-flavoring. Cluff Manufacturing Co. 226,007; Mar. 29; Serial No. 235,120; published Jan. 18, 1927.
Feed, Livestock, dairy, and chicken. Wells-Abbott-Nieman Co. 225,996; Mar. 29; Serial No. 227,049; published May 18, 1926.
Feed, Poultry, stock, and dairy. Northrup, King & Company. 226,053; Mar. 29; Serial No. 240,991; published Jan. 11, 1927.
Feed, Stock and poultry. Ballard & Ballard Co. 225,864–5; Mar. 29; Serial Nos. 241,128–9; published Jan. 18, 1927.
Fish pastes. Cross & Blackwell (Manufacturing Company) Limited. 225,848; Mar. 29; Serial No. 240,702; published Jan. 18, 1927.
Flour. H. B. Sproul. 225,924; Mar. 29; Serial No. 221,459; published Jan. 11, 1927.
Flour, M. Welsberg. 226,140; Mar. 29.
Flour, Hard-wheat. Schultz, Baujan & Co. 225,867; Mar. 29; Serial No. 241,245; published Jan 18, 1927.
Flour, Wheat. American Grocer Company. 225,875; Mar. 29; Serial No. 237,215; published Dec. 28, 1926.
Flour, Wheat. Chapman Milling Company. 225,883; Mar. 29; Serial No. 239,462; published Dec. 28, 1926.
Flour, Wheat. Eagle Roller Mill Company. 225,824; Mar. 29; Serial No. 240,134; published Jan. 18, 1927.
Flour, Wheat. Fisher Flouring Mills Company. 225,845; Mar. 29; Serial No. 240,706; published Jan. 18, 1927.
Flour, Wheat. Kansas Flour Mills Corporation. 225,971; Mar. 29; Serial No. 240,717; published Jan. 11, 1927.
Flour, Wheat. Kansas Flour Mills Corporation. 225,972; Mar. 29; Serial No. 240,716; published Jan. 11, 1927.
Flour, Wheat. Kehlor Flour Mills Company. 62,942; renewed May 28, 1927.
Flour, Wheat. Larabee Flour Mills Company. 225,967; Mar. 29; Serial No. 240,034; published Jan. 11, 1927.
Flour, Wheat. Larabee Flour Mills Company. 226,031–2; Mar. 29; Serial Nos. 240,032–3; published Jan. 11, 1927.
Flour, Wheat. Minneapolis Milling Company. 225,862–3; Mar. 29; Serial No. 241,111–12; published Jan. 18, 1927.
Flour, Wheat. Red Star Milling Co. 226,130; Mar. 29; Serial No. 220,466; published Jan. 4, 1927.
Food, Concentrated raw. Agmel Corporation. 225,891; Mar. 29; Serial No. 239,074; published Jan. 18, 1927.
Foods, Livestock. Lake Shore Elevator Company. 225,990; Mar. 29; Serial No. 236,758; published Jan. 11, 1927.
Fruits. Arrow Packing Co. 226,104–5; Mar. 29; Serial Nos. 237,644–5; published Jan. 18, 1927.
Fruits. W. O. Miles. 226,108; Mar. 29; Serial No. 237,683; published Jan. 18, 1927.
Fruits. Rio Grande Valley Citrus Growers Association. 226,109–10; Mar. 29; Serial Nos. 237,698–9; published Jan. 18, 1927.
Fruits. Tule River Citrus Association. 226,111; Mar. 29; Serial No. 237,710; published Jan. 18, 1927.
Fruits, Canned, dried, candied, fresh, etc. H. Hicks & Son, Inc. 226,001; Mar. 29; Serial No. 230,998; published Jan. 18, 1927.
Fruits, flavorings, etc., Preserved. Cleveland Fruit Juice Company. 225,896; Mar. 29; Serial No. 239,390; published Jan. 18, 1927.
Fruits, Fresh deciduous and citrous. Sacramento San Joaquin Stockholders Inc. 225,886; Mar. 29; Serial No. 238,675; published Jan. 18, 1927.
Fruits, Fresh deciduous and citrous. Sacramento San Joaquin Stockholders, Inc. 226,095; Mar. 29; Serial No. 238,674; published Jan. 18, 1927.
Gum, Chewing. Chu-Moar Gum Company. 225,942; Mar. 29; Serial No. 240,134; published Jan. 11, 1927.
Gum, Chewing. Service Gum Co. 226,040; Mar. 29; Serial No. 240,447; published Jan. 11, 1927.
Jelly powder. Sureset Jelly Powder Co. 226,082; Mar. 29; Serial No. 233,150; published Jan. 11, 1927.
Jujubes. Wallace & Co. 64,405; renewed Aug. 6, 1927.
Macaroni. Antonio Morici Co. 225,993; Mar. 29; Serial No. 226,035; published Mar. 30, 1926.
Milk Condensed. Universal Milk Company. 225,838; Mar. 29; Serial No. 239,905; published Jan. 18, 1927.
Milk, Malted. Adolph Coors Company. 226,152; Mar. 29.
Oil, Cottonseed. American Cotton Oil Company. 61,070; renewed Mar. 5, 1927.
Oil, Olive. Monteverde, Rolandelli & Parodi, Inc. 225,998; Mar. 29; Serial No. 228,616; published Jan. 18, 1927.
Oleomargarine. St. Louis Independent Packing Company. 226,153; Mar. 29.
Oranges, lemons, and grapefruit. Colton Fruit Exchange. 226,003; Mar. 29; Serial No. 234,099; published Jan. 18, 1927.
Oranges, lemons, and grapefruit. Chula Vista Citrus Association. 226,006; Mar. 29; Serial No. 235,114; published Jan. 18, 1927.
Oranges, lemons, and grapefruit. El Cajon Valley Citrus Association. 226,008; Mar. 29; Serial No. 235,129; published Jan. 18, 1927.
Oranges, lemons, grapefruit. El Cajon Valley Citrus Association. 226,017; Mar. 29; Serial No. 235,128; published Jan. 18, 1927.
Oranges, lemons, and grapefruit. Escondido Citrus Union. 225,874; Mar. 29; Serial No. 236,416; published Jan. 11, 1927.
Oranges, lemons, and grapefruit. Gilbert & Thomas. 225,881; Mar. 29; Serial No. 239,103; published Jan. 11, 1927.
Oranges, lemons, and grapefruit. Mid-California Citrus Association. 226,010; Mar. 29; Serial No. 235,160; published Jan. 18, 1927.
Pie dough. Mrs. E. T. Colburn. 225,938; Mar. 29; Serial No. 234,093; published Jan. 11, 1927.
Pies. B. C. Lehman. 225,991; Mar. 29; Serial No. 236,806; published Jan. 11, 1927.
Plums, cherries, apricots, and grapes. W. R. Chandler. 226,119; Mar. 29; Serial No. 238,637; published Jan. 18, 1927.
Poultry, Dressed. C. Gunderson. 225,859; Mar. 29; Serial 241,153; published Jan. 18, 1927.
Poultry, Dressed. Hugo Josephy & Son, Inc. 226,149; Mar. 29.

Raisins. C. G. Bonner. 225,903; Mar. 29; Serial No. 239,734; published Jan. 18, 1927.
Sauce for use on meats or fish or in soups. Thick. E. Lazemby & Son, Limited. 226,002; Mar. 29; Serial No. 233,495; published Jan. 18, 1927.
Seaweed, finely-chopped mushrooms, carrots, etc., Dried H. Yamamoto. 225,995; Mar. 29; Serial No. 226,616; published Aug. 17, 1926.
Tea. Austin, Nichols & Co. 225,927; Mar. 29; Serial No. 224,070; published Jan. 18, 1927.
Tea. J. Hughes. 226,009; Mar. 29; Serial No. 239,857; published Jan. 11, 1927.
Tea. Mattson Coffee Co. 226,037; Mar. 29; Serial No. 240,670; published Jan. 11, 1927.
Tea. Consolidated Tea Co. Inc. 226,125; Mar. 29; Serial No. 217,541; published Jan. 18, 1927.
Vegetables. T. Carfiel. 226,113; Mar. 29; Serial No. 238,361; published Jan. 18, 1927.
Vegetables and fruits, Fresh. Alexander Marketing Company. 226,096; Mar. 29; Serial No. 239,075; published Jan. 18, 1927.
Vegetables and melons, Fresh. Wilkinson Bros. 225,887; Mar. 29; Serial No. 238,685; published Jan. 18, 1927.
Vinegar. Rasche Yeast and Vinegar Company. 225,850–1; Mar. 29; Serial Nos. 240,625–6; published Jan. 18, 1927.
Walnuts, peanuts, pecans, filberts, etc. A. U. Pinkham & Co. 225,869; Mar. 29; Serial No. 241,236; published Jan. 18, 1927.
Yeast. Royal Baking Powder Company. 63,538; renewed June 25, 1927.

CLASS 48.

Beer. J. & P. Baltz Brewing Co. 64,387; renewed Aug. 6, 1927.
Beer. J. & P. Baltz Brewing Co. 64,613; renewed Aug. 13, 1927.
Malt extract. Pacific Malt & Hops Co. 226,100; Mar. 29; Serial No. 237,089; published Jan. 18, 1927.

CLASS 50.

Laminated rubber compositions for outsoles and top lifts for shoe repairs. Morris Feldstein & Son. 226,151; Mar. 29.

ALPHABETICAL LIST OF LABELS.

Blackhawk Miracle. For Sugar Substitute. W. G. Henle. 31,846; Mar. 29.
Capsules No. 72 Pit-Ren. For Pharmaceutical Preparation. Drug Products Co. Inc. 31,835; Mar. 29.
Check. For Bread. S. E. Loveless, Inc. 31,851; Mar. 29.
Cleopatra. For Oranges. Mission Citrus Association. 31,852; Mar. 29.
Eline's Chocolate Package. For Candy. Eline's Incorporated. 31,838; Mar. 29.
Eline's Jazz Box Chocolates. For Candy. Eline's Incorporated. 31,837; Mar. 29.
Eline's Jewel Chest. For Candy. Eline's Incorporated. 31,836; Mar. 29.
Eline's Love Dreams. For Candy. Eline's Incorporated. 31,841; Mar. 29.
Eline's Modified Chocolate Covered Cherries. For Candy. Eline's Incorporated. 31,839; Mar. 29.
Frisch Process. For Bread. E. Frisch. 31,842; Mar. 29.
Kiddie Picture Soap. For Soap. Pictorial Soap Mfg. Co. Inc. 31,853; Mar. 29.
'Longfello' Work Shirts. For Men's Work Shirts (a Cotton Fabric Working Garment). Clawson & Wilson Company. 31,831; Mar. 29.
Lo Wrinkle Remover. For a Toilet Preparation for Removing Wrinkles. Lo Products, Not Inc. 31,850; Mar. 29.
Luzette. For a Preparation for the Skin. Yes Manufacturing Company. 31,858; Mar. 29.
Mississippi Sound Crooks. For Cigars. A. J. Golden. 31,843; Mar. 29.
Pantry Pride. For Yams. Harris & Brown. 31,844; Mar. 29.
Pine-Tonic. For Shampoo. A. J. Krank Mfg. Co. 31,847; Mar. 29.
Pulvoids No. 373 Natrico. For Pharmaceutical Preparation. Drug Products Co. Inc. 31,832; Mar. 29.
Pulvoids No. 446 Cal-Salicylic Co. (Dr. Anthony Bassler). For Pharmaceutical Preparation. Drug Products Co. Inc. 31,833; Mar. 29.
Pulvoids No. 448 Cal-Salicylic Co. No. 2 (Dr. Anthony Bassler Modified). For Pharmaceutical Preparation. Drug Products Co. Inc. 31,834; Mar. 29.
Rucker's Triena a Stomach and Bowel Regulator. For Stomach and Bowel Regulator. Lauber & Lauber Co. 31,849; Mar. 29.
Santro Black Band Nipples. For Nipples. Julius Schmid, Inc. 31,854; Mar. 29.
Simplicity Box Selected Chocolates. For Candy. Eline's Incorporated. 31,840; Mar. 29.
Sparkletts. For Drinking Water. Sparkletts Artesian Water Co. 31,855; Mar. 29.
Sporicide. For Preparation for the Skin and Scalp. A. J. Krank Mfg. Co. 31,848; Mar. 29.
The Handy Home Patching Kit. For a Repair Kit. H. Haudenschild. 31,845; Mar. 29.
Vegex Vitamin Yeast Candy. For Candy. Vitamin Food Co. Inc. 31,856; Mar. 29.
Witt's Sure Seal Mending Cement. For Mending Cement. H. C. Wittmann. 31,857; Mar. 29.

ALPHABETICAL LIST OF PRINTS.

A Skin Exquisitely Fresh. For Beauty Cream. S. Terney. 9,692; Mar. 29.
Car Owners Everywhere Will Buy This New Headlight. For Automobile Lamps. Indiana Lamp Corporation. 9,681–2; Mar. 29.
Dad Knows They Are Safe . . . For With Balcranks Even The Car Springs Protect Them! For Balcrank Collision Absorbers. Cincinnati Ball Crank Company. 9,675; Mar. 29.
Destroy Household Insects—Avoid Disease. For Insecticide. Standard Oil Company (New Jersey). 9,687; Mar. 29.
Destroy Household Insects—They Carry Disease! For Insecticide. Standard Oil Company (New Jersey). 9,688; Mar. 29.
Flies—A Menace To Man. For Insecticide. Standard Oil Company (New Jersey). 9,690; Mar. 29.
For The Child Who 'Just Won't Eat'. For Wheat Breakfast Food. Cream of Wheat Co. 9,679; Mar. 29.
48 DK 1926 Turn ON The Sunshine. For Tobacco. R. J. Reynolds Tobacco Company. 9,684; Mar. 29.
Hello Phone Spelling Chart. For Telephone Spelling Charts. T. Serpico. 9,686; Mar. 29.
Insects Bring Disease To Thousands! For Insecticide. Standard Oil Company (New Jersey). 9,691; Mar. 29.
It is Possible to Have A White White House. For Paint. New Jersey Zinc Company. 9,683; Mar. 29.
New Plan In Schools To Teach Eating Better Breakfasts. For Wheat Breakfast Food. Cream of Wheat Co. 9,680; Mar. 29.
Only With Balcrank 'Collision Absorbers' Do Car Springs Take Up Excess Shock. For Balcrank Collision Absorbers. Cincinnati Ball Crank Company. 9,676; Mar. 29.
Santro Black Band Nipples. For Nipples. Julius Schmid, Inc. 9,685; Mar. 29.
Schools Now Ask Mothers' Help With Pupils' Breakfast. For Wheat Breakfast Food. Cream of Wheat Co. 9,678; Mar. 29.
The Dance Of Death. For Insecticide. Standard Oil Company (New Jersey). 9,689; Mar. 29.
This Plan Has Brought Results in 42,000 Schools. For Wheat Breakfast Food. Cream of Wheat Co. 9,677; Mar. 29.
We Take Time to Fit You. For Athletic Underwear. B. V. D. Company. 9,674; Mar. 29.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. W. G. Block Company. 241,861; Mar. 29.
Coal. Central Pocahontas Coal Company. 242,226; Mar. 29.
Rubber. Naamlooze Vennootschap Rubber Cultuur Maatschappij Amsterdam. 241,428; Mar. 29.
Seeds, Lawn-grass. Albert Dickinson Company. 243,186; Mar 29.
Soapstone, uncured sheet rubber, uncured camel-back rubber, etc. Fisk Rubber Company. 243,146; Mar. 29.
Tar, pitch, etc. Tar Products Corporation. 229,416; Mar. 29.

CLASS 2.

Boxes, Automobile license and ownership card. R. O. Sayers. 235,656; Mar. 29.
Jugs and bottles, Vacuum heat-insulated. My Pal Products. 234,624; Mar. 29.

CLASS 3.

Bags, Ladies'. E. Hammerling. 243,700; Mar. 29.
Trunks, traveling bags, suitcases, leather cases, etc., Automobile. Palais Royal, Inc. 244,102; Mar. 29.

CLASS 4.

Cleaner, window-shade. Red Dot Chemical Company. 239,769; Mar. 29.
Cleanser and scrubbing compound for floors, etc., Protective. Vestal Chemical Co. 243,464; Mar. 29.
Compounds for cleaning the hands, shaving creams, sticks, powders, etc. Elmo, Inc. 242,418; Mar. 29.
Dressing, Auto top and leather. R. G. Bullard. 234,366; Mar. 29.
Ink remover for type. W. H. Young Corporation. 226,324; Mar. 29.
Shaving stick and soap. Colgate & Company. 243,417; Mar. 29.
Soap. J. Eavenson & Sons, Inc. 241,567; Mar. 29.
Soap. J. Eavenson & Sons, Inc. 241,707; Mar. 29.

CLASS 6.

Ammonium carbonate, barium carbonate, etc. Chem. Fabriken Kunheim & Co. A. G. 232,868; Mar. 29.
Anaesthetic and hypodermic tablets, Local. Parke, Davis & Company. 244,103; Mar. 29.
Compounds for the fulling and scouring of woolen, worsted, etc. E. F. Houghton & Co. 243,810; Mar. 29.
Deodorant and antiseptic, Body. H. F. Galow. 243,851; Mar. 29.
Exterminator, Rodent. Rex Research Corporation. 243,830; Mar. 29.
Hair tonics, face creams mouth and eye washes, skin lotions, etc. J. Cohen. 224,858; Mar. 29.
Laxative tablets. Hance Manufacturing Co. 243,759; Mar. 29.
Medicinal anodyne and sedative tablet. L. C. Wills. 242,263; Mar. 29.
Medicinal herbs. R. H. T. Kahanowicz. 243,706; Mar. 29.
Medicinal preparation. S. A. Goldstein. 244,556–7; Mar. 29.
Medicinal preparation. Lauber & Lauber Co. 244,699; Mar. 29.
Medicinal remedies. R. Wilke. 206,816; Mar. 29.
Medicine for the relief of coughs, colds, etc. Masco Drug Corporation. 243,163; Mar. 29.
Oil emulsion, Castor. E. R. Squibb & Sons. 244,114; Mar. 29.
Ointment. E. H. Anthony. 233,864; Mar. 29.
Ointment for colds, coughs, etc. F. M. Stipe. 243,671; Mar. 29.
Ointment, Hair and scalp. Pro-Grow Process Co. 242,548; Mar. 29.
Perfume and toilet water, talcum powder, face powder, etc. R. Hudnut. 244,074; Mar. 29.
Pills, Iron. Carter Medicine Company. 232,450; Mar. 29.
Pills, Nervine. Carter Medicine Company. 232,451; Mar. 29.
Powders, creams, and packs; toilet waters, rouges, etc., Face. Biroto, Inc. 242,410; Mar. 29.
Preparation for the organs and nerves, etc. B. Rottmar. 241,961; Mar. 29.
Preparation to cure finger sucking and fingernail biting. L. A. House. 243,606; Mar. 29.
Preparation used in the treatment of tuberculosis. Cardoso, Seabra & Co. 239,737; Mar. 29.
Solutions of nitrocelluloso. Waukegan Chemical Company. 242,459; Mar. 29.
Tonic and dandruff killer, Hair. I. Vedova. 240,011; Mar. 29.
Tonic, Hair. J. Skora. 240,006; Mar. 29.
Tonic, Hair. Sure-La Co. 241,248; Mar. 29.
Tonics, Special hair, restorative, etc., hair. Wellson Specialty Co. 241,595; Mar. 29.
Tooth paste. A. R. Munn, Inc. 242,843; Mar. 29.
Whiting and skin lotion, Face. M. B. Orchard. 229,875; Mar. 29.

CLASS 9.

Revolvers. R. F. Sedgley Inc. 237,705; Mar. 29.

CLASS 11.

Ink. W. H. Young Corporation. 226,271; Mar. 29.

CLASS 12.

Board and lumber, Composite. MacAndrews & Forbes Company. 237,376; Mar. 29.
Building insulation, calcined gypsum, etc., Powdered heat and cold. United States Gypsum Company. 231,574; Mar. 29.
Flooring. Kerry & Hanson Flooring Co. 231,048; Mar. 29.
Gannister. Thomas E. Gray & Co. Ltd. 237,805; Mar. 29.
Lumber, woodwork, and lath. Western Pine Manufacturers Association. 243,333; Mar. 29.
Partition structures, Collapsible. H. W. Maurer. 239,888; Mar. 29.
Roofing and shingles, Asphalt. Hyjo Co. (Not Inc.). 237,076; Mar. 29.

CLASS 13.

Attachments and valves, Safety filling. Midwest Steel & Supply Company. 243,617; Mar. 29.
Bedpan washers, sterilizers, and racks. Hospital Supply Company and Watters Laboratories, Consolidated. 224,023; Mar. 29.
Couplings and thermostat receivers, Combined. Hot-stream Heater Co. 227,839; Mar. 29.
Metallic fabrics, Knitted. Metal Textile Corporation. 228,719; Mar. 29.
Pipes and tubes. British American Metals Company. 237,109; Mar. 29.
Toilet seats and covers. Phenolic Products Corporation. 241,634; Mar. 29.

CLASS 14.

Cast steel, castings, and forgings. Thos. Firth & Sons, Limited. 233,367; Mar. 29.
Galvanized sheets of iron or steel. Tennessee Coal, Iron & Railroad Company. 244,633; Mar. 29.
Metals and metal castings and forgings. Wheelock, Lovejoy & Company. 243,123–4; Mar. 29.
Metals, Nonferrous. Henry Gardner, Guiterman & Co. 236,548; Mar. 29.

CLASS 15.

Gasoline, kerosene, lubricating oil, etc. Mayflower Oil Company. 226,815; Mar. 29.
Oils. Atlantic Refining Company. 227,625; Mar. 29.
Oils and greases, Lubricating. J. F. Price. 241,581; Mar. 29.

CLASS 16.

Colors, poster paints, and powdered colors sized, Water. E. C. Barker. 241,557; Mar. 29.
Lacquers. Arco Company. 243,078; Mar. 29.
Paint pigments. Aluminum Company of America. 244,268–9; Mar. 29.
Paints, enamels, etc., Dry, paste, and ready-mixed. W. E. Greene. 243,699; Mar. 29.
Polishing fluid for floors. Hillyard Chemical Company. 244,229; Mar. 29.

CLASS 19.

Vehicles, Shock absorbers, rebound restrainers, and springs for. Thompson Spring Corporation. 243,674; Mar. 29.

CLASS 20.

Rugs and mats. National Cloak & Suit Co. 244,713; Mar. 29.

CLASS 21.

Conduit, Electrical. Thermwool Products Co. Inc. 243,983; Mar. 29.
Electrical apparatus. Twinklex Flasher Company. 244,116–7; Mar. 29.
Insulated wire, Rubber-covered. Diamond Braiding Mills. 242,575; Mar. 29.
Lamps, Portable electric. Vimco Mfg. Company. 243,244; Mar. 29.
Lights, Automobile trouble. Serv-Us-Lite Manufacturing Co. 242,444; Mar. 29.
Radio receiving sets, tubes, loud speakers, batteries, etc. L. S. Slagle. 217,967; Mar 29.

Signal, Vehicle direction. C. H. Kenney. 212,383; Mar. 29.

CLASS 22.

Dice boxes. J. W. Field. 242,582; Mar. 29.
Fire starter, Friction. J. C. Ramsey. 242,501; Mar. 29.
Kindergarten devices, Educational. A. S. Pope. 243,014; Mar. 29.
Toy horseshoe games. Walbert Manufacturing Company. 244,118; Mar. 29.

CLASS 23.

Box-forming machines, box-making machines, printing etc. C. S. Andrews. 224,443; Mar. 29.
Engines, electromotors, etc., Apparatus for lubricating internal-combustion. Société Anonyme Du Graissage Alcyl. 240,041; Mar. 29.
Fire extinguishers, Portable. Pyrene Manufacturing Company. 243,500; Mar. 29.
Machinery. Union Confectionery Machinery Co. Inc. 241,502–3; Mar. 29.
Mortisers, routers, saws, and planers, Lock. Wappat Gear Works. 243,515; Mar. 29.
Motor boat, and aeroplane motors and spare parts thereof, Automobile. Clarke D. Pease Inc. 243,108; Mar. 29.
Mowers, Lawn. Electric Vacuum Lawn Mower Company. 240,770; Mar. 29.
Pistons for use in internal-combustion and steam engines, pumps, and compressors. C. R. Butler. 238,895; Mar. 29.
Scissors and shears. Acme Shears Company. 244,340; Mar. 29.
Sewing, agricultural, and horticultural machines and parts thereof, etc. Dürkoppwerke Aktiengesellschaft. 241,937; Mar. 29.
Vending machines, Apple-. Snapple Service Manufacturing Company. 243,177; Mar. 29.

CLASS 24.

Ironing boards. Wasmuth-Endicott Company. 243,028; Mar. 29.
Washing machines. National Sales & Manufacturing Co. 236,048; Mar. 29.

CLASS 26.

Gauges, Gasoline. Welker-Hoops Manufacturing Company. 243,404; Mar. 29.
Ophthalmic mountings. Bausch and Lomb Optical Company. 243,992; Mar. 29.
Scales, Weighing. Dayton Scale Company. 241,606–7; Mar. 29.
Screens upon which moving pictures may be projected. Charles Leo Fitz, Inc. 239,746; Mar. 29.

CLASS 28.

Ornamental pendants. A. Matsuoka. 242,384; Mar. 29.

CLASS 29.

Broom splints for filling street-sweeper rolls and for push brooms, Hickory-fibre. W. I. Fayssoux. 244,146; Mar. 29.
Paintbrushes. Prospect Operations, Inc. 244,413; Mar. 29.
Powder puffs. Baronet Mills, Inc. 244,535; Mar. 29.

CLASS 30.

Earthenware tableware. Edward B. Dickinson, Inc. 243,039; Mar. 29.

CLASS 31.

Refrigerators. Summerfield & Hecht. 233,755; Mar. 29.
Refrigerators. Wasmuth-Endicott Company. 243,030; Mar. 29.

CLASS 32.

Cots, tables, and chairs, Folding. Shuster Specialty Manufacturing Company. 242,756; Mar. 29.
Display cases. B. Jackson. 238,859; Mar. 29.
Furniture, Bedroom. Holland Furniture Company. 243,311; Mar. 29.
Tables, chairs, benches, desks, etc. John Wanamaker, New York. 238,629; Mar. 29.
Tables, chairs, stools, benches, beds, etc. John Wanamaker, New York. 242,869; Mar. 29.

CLASS 34.

Oil burners. Walker Oil Burner Corp. 243,403; Mar. 29.
Ranges, stoves, and furnaces. Unit Stove & Furnace Co. 242,452; Mar. 29.

CLASS 35.

Belting, Leather. Johnson Belting Company. 244,015; Mar. 29.
Packing, Compressed asbestos sheet. Argo Asbestos & Rubber Corporation. 244,386; Mar. 29.

CLASS 36.

Carinet and saxophone reeds, etc. H. & A. Selmer, Inc. 243,287; Mar. 29.
Harmonicas, Mouth. Strauss Harmonica Company. 243,567; Mar. 29.
Magazine. Harrower Laboratory, Inc. 242,374; Mar. 29.
Musical instruments, Strings for fretted. Standard Musical String & Mfg. Corp. 243,506; Mar. 29.
Talking machines and records. Barnett, Samuel and Sons Limited. 237,145; Mar. 29.
Ukuleles, banjos, mandolins, etc. Buegeleisen & Jacobson. 241,922; Mar. 29.

CLASS 37.

Envelopes, Mailing. Transo Envelope Company. 227,608; Mar. 29.
Paper. Paterson Parchment Paper Co. 243,827; Mar. 29.
Paper, Blotting. Rochester Paper Co. 244,322–24; Mar. 29.
Paper, Crepe. Tuttle Press Company. 243,729; Mar. 29.
Paper easel supports for art cards. Cincinnati Art Publishing Company. 243,998; Mar. 29.
Paper, Toilet. A. Bulova. 244,131; Mar. 29.
Paper, Writing. Hopper Paper Company. 243,950; Mar. 29.
Paper, Writing and printing. Holyoke Card & Paper Company. 243,653; Mar. 29.
Pens and pencils, Fountain. Eclipse Fountain Pen & Pencil Corporation. 244,435; Mar. 29.
Pens and pencils, Fountain. Salz Bros., Inc. 242,623; Mar. 29.

CLASS 38.

Magazine. Haire Publishing Co. 240,651–3; Mar. 29.
Periodical. Brown & Bigelow. 227,773; Mar. 29.
Posters, Advertising. American Lithographic Company. 243,520; Mar. 29.
Publication. J. Henry Schroder Banking Corporation. 241,638; Mar. 29.
Publication. Monward Realty Co. 243,448; Mar. 29.
Publication. Pets Publishing Company. 242,964; Mar. 29.
Publication. St. Louis Convention, Publicity and Tourist Bureau. 239,898; Mar. 29.
Publication. A. A. Samuels. 241,358; Mar. 29.

CLASS 39.

Brassières. Jordan Marsh Company. 240,028; Mar. 29.
Coats, Ladies', misses', and small women's. Barkin Levin Co. 242,039; Mar. 29.
Coats, sport jackets, hosiery, etc. Rockford Mitten & Hosiery Company. 241,441; Mar. 29.
Coats, vests, trousers, and overcoats. Simon Ackerman Clothes, Inc. 240,897; Mar. 29.
Coats, Women's, misses', and girls'. F. A. Patrick & Co. 242,745; Mar. 29.
Corsets, brassières, girdles, bandeaux, etc., Ladies'. American Lady Corset Co. 244,343; Mar. 29.
Dresses and frocks. Queen Dress & Skirt Company. 241,788; Mar. 29.
Dresses, scarfs, hats, gloves, etc. E. T. Slattery Company. 243,503; Mar. 29.
Dresses, suits, and lingerie. M. Blume. 213,276; Mar. 29.
Frocks, hats, gloves, hosiery, etc., Ladies' and misses' tailored. Harry Greenberg Co. 241,224; Mar. 29.
Gloves. L. F. Guignie. 226,138; Mar. 29.
Gloves and mittens, etc. Syracuse Dry Goods Company. 226,451; Mar. 29.
Hats. Pacific Harvest Hat Company. 241,956; Mar. 29.
Hats and caps for men. D. T. Langrock, Inc. 242,730; Mar. 29.
Hosiery. Combine Hosiery Corporation. 243,349; Mar. 29.
Hosiery. Gotham Silk Hosiery Company. 243,544; Mar. 29.
Hosiery. Reading Maid Hosiery Mills. 241,181; Mar. 29.
Neckties, Silk. Jos. M. Feinson, Inc. 239,703; Mar. 29.
Overalls. B. Waxman. 232,228; Mar. 29.
Overalls, work shirts, pants, rompers, etc. Syracuse Dry Goods Company. 226,449; Mar. 29.
Overcoats. Schmitt-Orlow Company. 242,442; Mar. 29.
Overcoats, topcoats, raincoats, suits, sweaters, socks, etc., Men's. Banks, Inc. 241,513; Mar. 29.
Shirts. S. Liebovitz & Sons, Inc. 243,611; Mar. 29.
Shoes. Gimbel Brothers, New York. 177,840; Mar. 29.
Shoes, Leather. M. Augenblick. 239,862; Mar. 29.
Shoes, slippers, hosiery, etc. C. A. Manning Shoe Company. 241,888; Mar. 29.
Slippers, Men's leather. Shukovsky & Goldberg. 243,564; Mar. 29.
Soles, tap, half, and slip, Leather. Penn Leather Company. 243,012; Mar. 29.
Suits and coats, Men's. Hart, Schaffner & Marx. 243,209; Mar. 29.
Suits, Boys'. Philip Goldstein Inc. 242,663; Mar. 29.
Suits, coats, vests, trousers, etc. Gimbel Brothers, Inc. 242,119; Mar. 29.
Suits, topcoats, and overcoats, Men's and boys'. Hecht Co. 242,830; Mar. 29.

Underwear. Union Underwear Company. 240,459–60; Mar. 29.
Underwear, Infants' and children's. Earnshaw Knitting Company. 241,042; Mar. 29.
Underwear, Knitted. Root Manufacturing Company. 220,144; Mar. 29.
Warming bags or garments, Leg and foot. Rock Run Mills. 240,097; Mar. 29.

CLASS 40.

Dress shields. Jordan Marsh Company. 240,608; Mar. 29.
Patterns for embroidery. Stemor Company. 234,008; Mar. 29.

CLASS 42.

Cloth in the piece. York Manufacturing Co. Inc. 241,974; Mar. 29.
Cotton piece goods. F. U. Stearns & Company. 244,478; Mar. 29.
Hair nets. Associated Merchandising Corporation. 244,596; Mar. 29.
Padding or covering. Pittsburg Waterproof Company. 226,970; Mar. 29.
Ribbons. Buser Silk Co. Inc. 244,132; Mar. 29.
Silk piece goods. Albert Godde, Bedin, Inc. 244,592; Mar. 29.
Woolen goods in the piece. Worumbo Manufacturing Company. 244,265; Mar. 29.
Woolen piece goods. Co-Operative Wholesale Society, Limited. 242,776; Mar. 29.

CLASS 44.

Arch supporters. Outside Arch Inc. 243,619; Mar. 29.
Magnetic belts, Electric. T. J. Cummings. 242,986; Mar. 29.
Sanitary napkins. Caledonia Cellulose Company. 243,414; Mar. 29.
Sanitary napkins. Paper Novelty Company. 243,323; Mar. 29.
Shoulder braces. Cincinnati Truss Company. 243,479; Mar. 29.

CLASS 45.

Beverage. Les-Go, Inc. 243,550; Mar. 29.
Beverage. Mercer Bottling Co. 242,790; Mar. 29.
Beverage. J. F. Sugden. 243,673; Mar. 29.
Beverages. M. A. Copeland. 244,429; Mar. 29.
Beverages. Hudor Co. 242,784; Mar. 29.
Beverages. J. M. Kozik. 238,860; Mar. 29.
Beverages. Schoneberger & Noble, Inc. 241,794; Mar. 29.
Ginger ale. J. F. Lasser. 244,451; Mar. 29.

CLASS 46.

Apples, Fresh. H. A. Brouillet. 237,651; Mar. 29.
Bread. Barker Bread Company. 229,082; Mar. 29.
Butter. Toloma Creamery. 243,896; Mar. 29.
Butter, cheese, condensed milk, etc. First National Stores, Inc. 240,967; Mar. 29.
Cake and pastry flour. Mauser Mill Company. 242,306; Mar. 29.
Candies. Linette Chocolate Company. 239,761; Mar. 29.
Candies. Charles N. Miller Company. 227,408; Mar. 29.
Candy. Frederick W. Lipps Company. 244,505; Mar. 29.
Candy. Rose Dell Candy Shops, Inc. 241,243; Mar. 29.
Candy. Schwarz & Son. 244,414; Mar. 29.
Candy, salted nut meats, and peanut butter. Kelly Co. 238,586; Mar. 29.
Canned fish. Franco-Italian Packing Co. 236,738; Mar. 29.
Canned fruits. Beckwith Company. 244,042; Mar. 29.
Canned fruits and vegetables, etc. Robt. C. Paulus & Co. 238,557; Mar. 29.
Canned olives and olive oil. Olive Products Company. 243,876; Mar. 29.
Canned salmon. Geo. T. Myers & Co. 241,951; Mar. 29.
Canned tunny. Alexander B. Stewart Organization. 244,193; Mar. 29.
Canned vegetables. Hoopeston Canning Co. 242,783; Mar. 29.
Canned vegetables. Larsen Company. 228,914; Mar. 29.
Cheeses and cheese products. S. Galla & Co. 240,249; Mar. 29.
Coffee, Cultured. Cultured Coffee Corporation. 241,931; Mar. 29.
Corn relish, Cooked. E. B. Patterson. 241,496; Mar. 29.
Eggs. John F. Barker Produce Company. 233,717; Mar. 29.
Flavoring extracts and preserves, Food-. J. Heichelbech. 226,724; Mar. 29.
Flour, Plain and self-rising wheat. Lexington Roller Mills Co. 244,081; Mar. 29.
Flour, Plain and self-rising. Lillie Mill Company. 244,409; Mar. 29.
Flour, Wheat. Pillsbury Flour Mills Company. 244,317; Mar. 29.
Flour, Wheat. Rea-Patterson Milling Company. 242,393; Mar. 29.
Flour, Wheat. Scott County Milling Company. 244,110; Mar. 29.
Foods, Dog. Champion Animal Food Co. 243,197; Mar. 29.
Fruits and vegetables, Preserved. Società Generale Delle Conserve Alimentari Cirio. 243,240; Mar. 29.
Fruits, Fresh citrous. Colton Fruit Exchange. 234,098; Mar. 29.
Fruits, Fresh citrous. Highland Fruit Growers Association. 224,073; Mar. 29.
Grapes, Fresh. Fresno Grape Distributors. 243,261; Mar. 29.
Ice cream and ice-cream novelties. Dekle Investment Company. 243,690; Mar. 29.
Malted milk, Chocolate-flavored. J. D. Childs. 243,416; Mar. 29.
Mineral ration, Hog, poultry, and livestock. J. R. Watkins Company. 242,870; Mar. 29.
Oil, Olive. U. Sorrentino. 243,667; Mar. 29.
Peanut butter, crushed fruits, jams, etc. Willist Green & Marston. 229,841; Mar. 29.
Preparation for pie filling and puddings. Good Luck Food Co. 237,099; Mar. 29.
Salad dressing. Bayle Food Products Co. 243,581; Mar. 29.
Semolina. Washburn Crosby Company. 244,259; Mar. 29.
Sirup and sugar. Maple Grove Candies, Inc. 243,958; Mar. 29.
Tea. G. H. Ford. 244,496; Mar. 29.
Vegetables. Levy & Lewis Company. 233,738; Mar. 29.

CLASS 48.

Malt extract. Central Malt Products Company. 244,348; Mar. 29.

CLASS 50.

Incubators and brooders. H. M. Sheer Co. 240,886; Mar. 29.
Metal frames insertable in flower pots. F. Luipersbek. 240,309; Mar. 29.
Stereotype mats or matrices. Wood Flong Corporation. 243,181; Mar. 29.
Tags and poultry bands, Cattle, sheep, hog, horse, etc. Inter-Mountain Machine & Stamp Works, Inc. 239,522; Mar. 29.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 29TH DAY OF MARCH, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Aab, William, New Ulm, Minn. Aligning machine for connecting rods and wrist pins of internal-combustion engines. 1,622,560; Mar. 29.
Ackermann, Frank, and H. Gould, New York, N. Y. Adjustable leather-strip cutter. 1,622,265; Mar. 29.
Adair, Thomas D., jr., Quincy, Mass., assignor to Standard Thermometer Company, Portland, Me. Speedometer-fastening means. 1,622,897; Mar. 29.
Adelmann, Leonid. (See Hahnemann, W., Hecht, Lichte, and Adelmann.)
Aerial Service Corporation. (See Mummert, Harvey C., assignor.)
Ahlquist, Eugene F., Minneapolis, Minn., assignor to Gaw-O'Hara Envelope Company, Chicago, Ill. Vertical file pocket. 1,622,753; Mar. 29.
Aikman, Burton S., Milwaukee, Wis., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electrohydraulic brake. 1,622,480; Mar. 29.
Ake, Clarence J., Vallejo, Calif. Device for the atomization and injection of liquids. 1,622,266; Mar. 29.
Aktiebolaget Formator. (See Nordenfelt, P., and Granstedt, assignors.)
Aktiebolaget Vaporackumulator. (See Ruths, Johannes, assignor.)
Alcaraz, Vicente M., San Juan, P. R. Closure-member securing and bowing device. 1,622,898; Mar. 29.
Alden, Milton, Springfield, Mass. Support for vacuum tubes. 1,622,267; Mar. 29.
Allen, S. L., & Co. (See Warren, William C., assignor.)
Aluminum Company of America. (See Sharp, John E., assignor.)
Amato, John, et al. (See Amato, Luciano, assignor.)
Amato, Luciano, South Berkeley, assignor of one-third to J. L. Selden, Oakland, and one-third to J. Amato, South Berkeley, Calif. Vehicle bumper. 1,622,754; Mar. 29.
American Can Company. (See Murch, John H., assignor.)
American Can Company. (See Peters, John F., assignor.)
American Engineering Company. (See Weingartner, Anthony E., assignor.)
American Gasaccumulator Company. (See Medén, Elof H., assignor.)
American Hardware Corporation, The, et al. (See Christoph, George W., assignor.)
American Optical Company. (See Fisher, Lyle H., assignor.)
American Optical Company. (See Poeton, L., and Morey, assignors.)
American Steam Pump Company. (See Sommer, Karl G., assignor.)
American Telephone and Telegraph Company. (See Espenschied, Lloyd, assignor.)
American Telephone and Telegraph Company. (See Staples, Elliot M., assignor.)
American Telephone and Telegraph Company. (See Vernam, Gilbert S., assignor.)
American Valve and Enameling Corporation. (See Wulf, Charles A., assignor.)
American Woodworking Machinery Company. (See Perkins, Hiram A., assignor.)
Anderson, Sievert T., Chicago, Ill. Tent-pole socket. 1,622,273; Mar. 29
Angell, Chester M., assignor to Vesta Battery Corporation, Chicago, Ill. Manufacturing storage batteries. 1,622,304; Mar. 29.
Angle, Edward H., Pasadena, Calif. Orthodontic appliance. 1,622,856; Mar. 29.
Annis, James B., Kansas City, Mo. Device for measuring the lubricating value of oil. 1,622,481; Mar. 29.
Anthony, Charles A., assignor to Metal Package Corporation of New York, New York, N. Y. Nozzle and cap therefor. 1,622,274; Mar. 29.
Apfel, David. (See Schaeffer, E. H., and Apfel.)
Apperson, Graham. (See Raley, O., and Apperson.)
Arbuckle, Samuel F., Detroit, Mich., assignor to Monogram Lens Corporation, New York, N. Y. Lighting apparatus. 1,622,938; Mar. 29.
Artcraft Company, The. (See Thurman, Tandy B., assignor.)
Arthur-Fowler Co. (See Fowler, Paul L., assignor.)
Asbridge, Harry H., Ashton-on-Mersey, England. Camgrinding machine. 1,622,755; Mar. 29.
Ash, Charles S., Royal Oak, Mich. Constructing suspension wheels. 1,622,268; Mar. 29.
Attwood, Stanley H. (See Coatalen, L., and Attwood.)
Austin, Herbert, Broomsgrove, England. Worm and worm-wheel transmission. 1,622,987; Mar. 29.
Automatic Display Company. (See Blumle, Frank W., assignor.)
Automatic Electric Inc. (See Wicks, John, assignor.)
Averill, William H., assignor to Joseph Pollak Tool and Stamping Company, Boston, Mass. Folding display rack. 1,622,612; Mar. 29.
Babcock & Wilcox Company, The. (See Lewis, N. E., and Williams, assignors.)
Bacterial Sewage Purification Company. (See Hopkins, L. S. R., and Corthell, assignors.)
Baehne, Walter, West New York, N. J. Tobacco case. 1,622,407; Mar. 29.
Bahnson, Frederic F., Winston-Salem, N. C. Humidifier. 1,622,482; Mar. 29.
Bailey, Garrold L., Newark, N. J. Sound amplifier. Des. 72,304; Mar. 29.
Bailey, Joseph O., Atlanta, Ga. Mounting for antifriction bearings. 1,622,483; Mar. 29.
Baillie, Cecilia, Camden, N. J. Brassière anchor. 1,622,269; Mar. 29.
Baily, Robert W., Pittsburgh, Pa. Floor clip. 1,622,697; Mar. 29.
Baker, Frederick W., Stourbridge, England, assignor to Trinity Wheel Corporation. Demountable wheel rim. 1,622,270; Mar. 29.
Baker, Linnaeus E., assignor to Wayne Company, Fort Wayne, Ind. Liquid-dispensing apparatus. 1,622,561; Mar. 29.
Bakeries Service Corporation. (See Johnson, Olaf W., assignor.)
Baldwin Locomotive Works, The. (See McCarroll, William J., assignor.)
Balmer, Irvin, Aledo, Ill. Jumping jack. 1,622,562; Mar. 29.
Balzer, Fritz, Moline, assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill. Cylinder construction. 1,622,275; Mar. 29.
Bamberger, Peter, Denver, Colo. Improving the tone of stringed instruments. 1,622,484; Mar. 29.
Banks, Harry P. (See Davidson, G., Rippey, Cone, Laucks, and Banks.)
Barbarou, Marius J.-B., Paris, France. Ignition in internal-combustion engines. 1,622,871; Mar. 29.
Barber-Colman Company. (See Peterson, Burt A., assignor.)
Barbieri, D. Angelo, Milan, Italy. Combined electric pianoforte and organ. 1,622,364; Mar. 29.
Barett, Louis A., and C. Hunt, Lynn, Mass.; said Hunt assignor to said Barett. Automatic windshield cleaner. 1,623,028; Mar. 29.
Barke, John G., Stockport, and F. Hardman, Bramhall, England. Driving mechanism for spinning, doubling, and the like machines. 1,622,698; Mar. 29.
Barkley, Alberto. (See Barkley, Fred W., assignor.)
Barkley, Fred W., Winthrop, Mass., assignor to A. Barkley, Painted Post, N. Y. Carrying over mechanism for calculating machines. 1,622,563; Mar. 29.
Barkley, Fred W., Winthrop, Mass., assignor to A. Barkley, Painted Post, N. Y. Overrotating check for calculating machines. 1,622,564; Mar. 29.
Barnes, Frederick J., Stourbridge, England. Construction of motor-road-vehicle bodies. 1,622,899; Mar. 29.
Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,622,276; Mar. 29.
Barrett, Thomas W., Zanesville, Ohio. Sash-cord fastener. 1,622,988; Mar. 29.
Bartels, Carl. (See Goldsmith, G. M., and Bartels.)
Bartlett, Kenneth A. (See Nitardy, F. W., Bartlett, and Berg.)
Bastian-Morley Company. (See Birtch, Fred W., assignor.)
Bastian, William B., Los Angeles, Calif. Gas burner. 1,622,820; Mar. 29.
Bausch & Lomb Optical Company. (See Sabel, John C., assignor.)
Beaumont, R. H., Co. (See Beaumont, Robert H., assignor.)
Beaumont, Robert H., Radnor, assignor to R. H. Beaumont Co., Philadelphia, Pa. Flow-facilitating means for gravity hoppers. 1,622,565; Mar. 29.
Beaumont, Robert H., Radnor, assignor to R. H. Beaumont Co., Philadelphia, Pa. Material storage and handling system. 1,622,566; Mar. 29.
Bebel, Abraham, Brooklyn, N. Y., assignor to The De Long Hook and Eye Company, Philadelphia, Pa. Hook and eye tape. 1,622,408; Mar. 29.

Becker, John, Warren, Idaho. Bottle-washing device. 1,622,900; Mar. 29.

Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Spreader mechanism for sewing machines. 1,622,277; Mar. 29.

Beenken, Daniel D., Santa Barbara, Calif. Multiple-record phonograph. 1,622,756; Mar. 29.

Beesley, Cora G., Chicago, Ill. Marcel weaver. 1,622,821; Mar. 29.

Behning, Robert V., assignor of one-half to M. Kroeger, Los Angeles, Calif. Cord wheel and throttle lock. 1,623,029; Mar. 29.

Benda, Ludwig, Mainkur, near Frankfort-on-the-Main, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Acylamino-hydroxybenzene arsine oxides. 1,622,271; Mar. 29.

Bendix Brake Company, The. (See Parsons, Ben G. assignor.)

Benjamin Electric Manufacturing Company. (See Benjamin, Reuben B., assignor.)

Benjamin, John P., East Providence, assignor to Rex Manufacturing Company, Providence, R. I. Extension member for wrist-watch straps. 1,622,989; Mar. 29.

Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Highway-lighting unit. 1,622,272; Mar. 29.

Berg, Frantz F. (See Nitardy, F. W., Hartlett, and Berg.)

Bergman, Sven R., Nahant, Mass., assignor to General Electric Company. Alternating-current motor. 1,622,567; Mar. 29.

Bergmann-Elektricitäts-Werke Aktiengesellschaft. (See Pape, Wilhelm, assignor.)

Bernini, John, Allentown, Pa. Warp let-off mechanism for looms. 1,622,757; Mar. 29.

Bernstein, Alexander, assignor to W. S. Gluck, New York, N. Y. Display apparatus. 1,622,409; Mar. 29.

Bersted, Alfred and M., assignors to Bersted Manufacturing Company, Chicago, Ill. Electric heating device. 1,622,485; Mar. 29.

Bersted Manufacturing Company. (See Bersted, Alfred and M., assignors.)

Bersted, Martin. (See Bersted, Alfred and M.)

Beswick, David, Brooklyn, N. Y. Portable sewing machine. 1,622,901; Mar. 29.

Beucus, Abraham J., Waupun, Wis., assignor to Paramount Textile Machinery Co., Chicago, Ill. Knitting hosiery. 1,622,857; Mar. 29.

Beucus, Abraham J., Waupun, Wis., assignor to Paramount Textile Machinery Co., Chicago, Ill. Hosiery. 1,623,024; Mar. 29.

Benike, Gordon W., and P. C. Wego, St. Paul, Minn., assignors to Standard Conveyor Company. Roller for gravity conveyors. 1,622,758; Mar. 29.

Bickford, Harold D., Waterville, Me. Molder's flask. 1,622,623; Mar. 29.

Bidwell, Robert W. (See Jarnagin, Harry S., assignor.)

Bignell, Edward, Lincoln, assignor to Concrete Piling Co., Seward, Nebr. Method and apparatus for river control. 1,622,568; Mar. 29.

Billetdoux, Chester A. (See Rundgren, J., and Billetdoux.)

Bing, Julius, assignor to the Firm Magnet-Werk G. m. b. H. Eisenach, Spezialfabrik für Elektromagnet-Apparate, Eisenach, Thuringia, Germany. Electromagnetic friction clutch. 1,622,939; Mar. 29.

Birtch, Fred W., La Porte, Ind., assignor to Bastian-Morley Company. Heating liquids. 1,622,569; Mar. 29.

Biva, Lucien, Brooklyn, N. Y., assignor to Titus Blatter & Company, New York, N. Y. Textile fabric or similar article. Des. 72,305; Mar. 29.

Biva, Lucien, Brooklyn, N. Y., assignor to Titus Blatter & Company, New York, N. Y. Textile fabric or similar article. Des. 72,306; Mar. 29.

Blair, John H. (See Hollingsworth, William F., assignor.)

Bland, John, Chicago, Ill. Screen. 1,622,305; Mar. 29.

Blatter, Titus & Company. (See Biva, Lucien, assignor.)

Blaustein, Joseph, Brooklyn, N. Y. Cup. 1,622,858; Mar. 29.

Blevins, James L., Borderland, W. Va. Electric-cable coupling. 1,622,940; Mar. 29.

Bloch, Aaron, Brooklyn, N. Y. Ornamental attachment for lighting fixtures or the like. 1,623,030; Mar. 29.

Blumle, Frank W., assignor to Automatic Display Company, Seattle, Wash. Advertising display device. 1,622,410; Mar. 29.

Bolinders, J. & C. G., Mek. Verkstadts Aktiebolag. (See Rudqvist, Carl A., assignor.)

Bonsieur, Le, assignor to The General Industries Company, Elyria, Ohio. Retaining device for rods and shafts. 1,622,990; Mar. 29.

Boone, John W. (See Chadwick, C. T., and Boone.)

Booth, James S., Detroit, Mich. Motor vehicle. Res16,579; Mar. 29.

Borden, Bradford, Cleveland, Ohio. Pipe-threading machine. 1,622,411; Mar. 29.

Borfuss, Maurice, Brooklyn, assignor to Morganstern & Brosseau, Inc., New York, N. Y. Ladies hand-bags. 1,622,306; Mar. 29.

Bourdon, Victor, Seattle, Wash. Adjustable mirror bracket. 1,622,486; Mar. 29.

Bourne, Phillips P., Winchester, Mass., assignor to Worthington Pump & Machinery Corporation, New York, N. Y. Oil-engine-driven centrifugal and similar pump. 1,622,699; Mar. 29.

Bourque, David, assignor to G. W. J. Murphy Company, Amesbury, Mass. Buffer. 1,622,759; Mar. 29.

Bourrieu, Albert, Chicago, Ill. Spark plug. 1,622,760; Mar. 29.

Boyd, Edwin A. (See Wall, S. A., and Boyd.)

Boyd, Frederic R. C., Boston, Mass., assignor to The De Laval Separator Company, New York, N. Y. Lubricating-oil purifying and reclaiming system. 1,622,278; Mar. 29.

Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Curtain-rod bracket. 1,622,700; Mar. 29.

Boye, James H., Manufacturing Company. (See Boye, James H., assignor.)

Bradshaw, William M., and W. G. Mylius, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Regulator system for pulp grinders. 1,622,624; Mar. 29.

Brainard, Everett E., Arlington, Mass. Gasket seal for liquid containers. 1,622,625; Mar. 29.

Brandofino, Paul, Port Richmond, N. Y. Combined mail box and bottle holders. 1,622,412; Mar. 29.

Bredt, Otto P. C., Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y. Treatment of formates of metals of the alkali-earth group. 1,622,991; Mar. 29.

Bressler, Robert E., assignor to Western Wheeled Scraper Company, Aurora, Ill. Grader car. 1,622,761; Mar. 29.

Bressler, Robert E., assignor to Western Wheeled Scraper Company, Aurora, Ill. Machine for treating earthy material. 1,622,762; Mar. 29.

Breton, Amedée, St. Louis de Nedelec, Quebec, Canada. Metal cutter. 1,622,487; Mar. 29.

Brewer, Francis A., Eastwood, N. Y. Mixing device for internal-combustion engine. 1,622,701; Mar. 29.

Brigden, Arthur, Tuscaloosa, Ala. Cultivator. 1,622,488; Mar. 29.

Briggs Manufacturing Company. (See Marshall, William, assignor.)

Brockway, Carl P., Toledo, Ohio, and E. R. Huntley, Milwaukee, Wis., assignors to Industrial Research Corporation, Toledo, Ohio. Liquid-fuel feeding and carbureting apparatus. 1,622,413; Mar. 29.

Brody, Maurice D., Chicago, Ill. Felling machine. 1,622,414; Mar. 29.

Brokaw, Andrew J. (See Noelting, W. H., and Brokaw.)

Brooks, George E., Toronto, Ontario, Canada. Water-power wheel. 1,622,365; Mar. 29.

Brosius, Edgar E., Pittsburgh, Pa. Material-handling apparatus. 1,622,902; Mar. 29.

Brown, Eugene M. (See Towle, Owen C., assignor.)

Brown, Thomas W. (See Stamos, Harry N. and A. N., and Brown.)

Brown, William W., Arkansas City, Kans. Combined folding bed and couch. 1,622,702; Mar. 29.

Bruce, Malvern L. (See Nelson, Charles S., assignor.)

Bryce, James W., Binghamton, N. Y., assignor to The International Time Recording Company of New York. Multiplying machine. 1,622,279; Mar. 29.

Buckham, George T. (See Dawson, A. T., and Buckham.)

Bud Wheel Company. (See Fine, Lewis, assignor.)

Budde, Charles H., St. Louis, Mo. Aquatic toy. 1,622,570; Mar. 29.

Bueno, Emile, Hericourt, France. Electrically-controlled reproducing scriber. 1,622,366; Mar. 29.

Buerger, Charles B., assignor to Gulf Refining Company, Pittsburgh, Pa. Apparatus for condensing oils. 1,622,941; Mar. 29.

Buerger, Charles B., assignor to Gulf Refining Company, Pittsburgh, Pa. Converting higher-boiling petroleum hydrocarbons into lower-boiling petroleum hydrocarbons. 1,623,025; Mar. 29.

Bull, Cornelius, Sagesund, near Tvedestrand, Norway. Blotter. 1,622,367; Mar. 29.

Burdell, Arthur, Atlanta, Ga., assignor, by mesne assignments, to A. S. Gilman, Cleveland, Ohio. Duplicating device. 1,622,415; Mar. 29.

Burgmann, Firm Feodor. (See Huth, Carl, assignor.)

Burns, Julius G., and H. S. Davis, New York, N. Y., assignor to Purecold Products of America, Inc. Refrigerating household unit. 1,622,626; Mar. 29.

Burton, Harry R., Worcester, Mass. Windshield clearer. 1,622,416; Mar. 29.

Busch-Sulzer Bros.-Diesel Engine Co. (See Schlatter, Rudolph, assignor.)

Busch-Sulzer Bros.-Diesel Engine Co. (See Schneider, Rudolph, assignor.)

Butler Mill. (See Reynold, John, assignor.)

Buzby, Walter E., Wichita Falls, Tex. Glass drawing and apparatus therefor. 1,622,417; Mar. 29.

Cabezola, Eusebio F., deceased, by M. J. Cabezola, administratrix, Bayonne, N. J.; C. C. Hicks, F. J. Wagner, née Cabezola, and M. C. Mettler, née Cabezola, executrices. Rheostat. 1,623,026; Mar. 29.

Cabezola, Margaret J., administratrix. (See Cabezola, Eusebio F.)

Caille, Adolph A., Detroit, Mich. Weighing scale. 1,622,571; Mar. 29.

Cain, John R. (See Shackelford, E. J., Penniman, and Cain.)

Calkins, Frederick A., Waterbury, Conn. Chain-link opening and closing device. 1,622,627; Mar. 29.

Callis, Alva W., and F. E. Smoots, Zincville, Okla. Blasting cartridge. 1,622,992; Mar. 29.

Cameron, James D., Tulare, Calif. Suction device for water-closets. 1,622,993; Mar. 29.

Campbell, Julian A., Long Beach, Calif. Dephlegmator. 1,622,703; Mar. 29.

Cann, Thomas E., Leicester, England. Sole-pressing apparatus for use in the manufacture and repair of boots and shoes. 1,622,418; Mar. 29.

Carbondale Machine Company. (See Hiller, N. H., and Safberg, assignors.)

Carnes, Byron J., Charlotte, Mich. Combination lock. 1,622,489; Mar. 29.

Carney, Joseph F., New York, assignor to Waldorf Astoria Service Corporation, Long Island City, N. Y. Plate or similar article. Des. 72,307; Mar. 29.

Carpenter, Hubert V., Pullman, Wash. Device used for controlling the speed of water wheels. 1,622,763; Mar. 29.

Cassels, Arnold V., assignor of three-eighths to J. M. Stewart, South Brisbane, Queensland, Australia. Glareless lamp. 1,622,764; Mar. 29.

Centrifix Corporation. (See Hawley, Charles G., assignor.)

Cervelli, Blanche, San Francisco, Calif. Corset. 1,623,031; Mar. 29.

Chadwick, Charles T., Somis, and J. W. Boone, Van Nuys, Calif. Lock. 1,622,490; Mar. 29.

Chandler, Edward F., Brooklyn, N. Y. Fuel for automotors. 1,622,572; Mar. 29.

Chapin, Albert J., Oakland, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,622,419; Mar. 29.

Chase, Elroy A., Northfield, Vt. Buffing wheel. 1,622,942; Mar. 29.

Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lifting device for covers. 1,622,307; Mar. 29.

Chavassieu, Henri L. J., Izieux, assignor to La Société pour la Fabrication de la Sole Rhodiaseta, Siege Social, Paris, France. Spinning process. 1,622,368; Mar. 29.

Cheney Talking Machine Company. (See Doerr, F. H., and Roedding, assignors.)

Chicago Pneumatic Tool Company. (See Davenport, Ransom W., assignor.)

Chicago Railway Equipment Company. (See Janus, William, assignor.)

Christel, Carl, Taucha, near Leipzig, Germany. Device for cleaning matrices of type-setting and casting machines. 1,623,016; Mar. 29.

Christensen, Viggo, Los Angeles, Calif. Auto heel protector. 1,622,859; Mar. 29.

Christoph, George W., Warehouse Point, assignor of one-half to The American Hardware Corporation, New Britain, and one-half to The Sterling Blower Company, Hartford, Conn. Drying apparatus. 1,623,017; Mar. 29.

Cincinnati Bickford Tool Company. (See Klausmeyer, David C., assignor.)

Clark, Horace S., Oakland, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake device. 1,622,420; Mar. 29.

Claypoole, Albert, assignor to Willamette Iron & Steel Works, Portland, Oreg. Geared locomotive. 1,622,765; Mar. 29.

Cleland, Melvin L., assignor to G. A. Roth Manufacturing Company, Hastings, Nebr. Luggage carrier. 1,622,308; Mar. 29.

Clementson, Nils E., Chicago, Ill. Building block and wall. 1,622,369; Mar. 29.

Cleveland, Harry S., Minneapolis, Minn. Refrigerator. 1,622,766; Mar. 29.

Coatalen, Louis, Wolverhampton, England. Valve-operating mechanism. 1,622,492; Mar. 29.

Coatalen, Louis, and S. H. Attwood, Wolverhampton, England. Mechanism for varying the angular relationship of two shafts relatively to a third. 1,622,491; Mar. 29.

Cockburn, Francis B., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Universal follow rest. 1,622,822; Mar. 29.

Coffield, Charles W., Bowie, Tex. Game ball. 1,622,421; Mar. 29.

Coil, Otto, Fayette County, Ohio. Posthole digger. 1,622,704; Mar. 29.

Cole, Theodore S., New Haven, Conn., assignor to Engineers Development Company. Secondary battery. 1,622,767; Mar. 29.

Concrete piling Co. (See Bignell, Edward, assignor.)

Cone, Charles N. (See Davidson, G., Rippey, Cone, Laucks, and Banks.)

Conley, Clinton V. (See Richardson, A. S., and Conley.)

Conwell, William, and C. Mahoney, assignors to G. I. Sellers & Sons Company, Elmwood, Ind. Drawer guide. 1,622,422; Mar. 29.

Cook, Henry D., Kingsway, London, and G. H. Lundgren, Putney, London, England. Pipe joint and connection. 1,622,768; Mar. 29.

Coombs, Edward A., Plainville, Mass., assignor to Whiting Chain Company. Bracelet. 1,622,769; Mar. 29.

Coombs, Edward A., Plainville, Mass., assignor to Whiting Chain Company. Bracelet. 1,622,770; Mar. 29.

Corthell, Howard L. (See Hopkins, L. S. R., and Corthell.)

Cowen, Joshua L., New York, N. Y., assignor to The Lionel Corporation. Toy train track. Re16,580; Mar. 29.

Cox, John L., Plainview, Nebr. Medical appliance. 1,622,903; Mar. 29.

Craig, Charles C., San Francisco, Calif. Egg-dumping board. 1,622,493; Mar. 29.

Cranston, Louie C., Kansas City, Mo. Container for transporting hot food. 1,622,494; Mar. 29.

Crews, Thomas B., St. Louis, Mo. Combined safety razor and blade sharpener. 1,622,904; Mar. 29.

Cricchio, Paul, New York, N. Y., assignor to Royal Metal Lighting Fixture Co., Inc. Lighting-fixture part. Des. 72,308; Mar. 29.

Cross, Roy, Kansas City, Mo. Treating petroleum. 1,623,018; Mar. 29.

Cross, Roy, Kansas City, Mo., assignor to Gasoline Products Company, New York, N. Y. Coking still. 1,622,573; Mar. 29.

Crowell, Erd V., Los Angeles, Calif., assignor to The Guiberson Corporation, Dallas, Tex. Gas-emergency control for flowing oil or gas wells. Re16,577; Mar. 29.

Culp, Herbert, Chicago, Ill. Steamboat construction. 1,622,994; Mar. 29.

Cummings, Earle W., assignor of one-half to Santa Barbara Lumber Company, Santa Barbara, Calif. Ironing board. 1,622,495; Mar. 29.

Curtis Companies. (See Madsen, Sern, assignor.)

Cutler, David A., Wollaston, assignor to Alfred Hale Rubber Company, Atlantic, Mass. Rubber-sole shoe. 1,622,860; Mar. 29.

Cutler-Hammer Mfg. Co., The. (See Horter, Bayard M., assignor.)

Dahmen, Josef, Dusseldorf, assignor to Dusseldorfer Werkzeugmaschinen-Fabrik und Eisengiesserei Habersang & Zinzen G. m. b. H., Dusseldorf-Oberbilk, Germany. Head-spindle-stock guide. 1,622,375; Mar. 29.

Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Apparatus for refrigerating systems. 1,622,376; Mar. 29.

Davidson, Glenn, H. F. Rippey, C. N. Cone, I. F. Laucks, and H. P. Banks, assignors to I. F. Laucks Inc., Seattle, Wash. Cellulose-fiber product treated with a size embodying soy-bean flour and process of making the same. 1,622,496; Mar. 29.

Davis, Frank, Portland, Oreg. Show case. 1,622,771; Mar. 29.

Davis, Herbert S. (See Burns, J. G., and Davis.)

Davis, Taube, assignor to Franklin Simon & Company, Inc., New York, N. Y. Dress. Des. 72,309; Mar. 29.

Davis, Taube, assignor to Franklin Simon & Co., Inc., New York, N. Y. Bathing suit. Des. 72,310; Mar. 29.

Davis, William, Chicago, Ill. Decarbonizer. 1,622,705; Mar. 29.

Dawson, Arthur T., and G. T. Buckham, assignors to Vickers Limited, Westminster, London, England. Ordnance breech mechanism. 1,622,861; Mar. 29.

Dayton Scale Company. (See Wood, George R., assignor.)

Deady, Frederick W., assignor, by mesne assignments, to A. J. Gates, Cleveland, Ohio. Crane. 1,622,574; Mar. 29.

Decker, Frank W., Santa Barbara, Calif. Spring wheel. 162,905; Mar. 29.

Deere & Company. (See Farrington, Frederick J., assignor.)

Defiance Sales Corporation. (See Oakley, Theophield D., assignor.)

De Forest, Lester C., Westfield, N. J., assignor to Hills Brothers Company, Inc. Date pitter. 1,622,309; Mar. 29.

De Laval Separator Company, The. (See Boyd, Frederic R. C., assignor.)

De Long Hook and Eye Company, The. (See Bebel, Abraham, assignor.)

Detmers, Fred E., Los Angeles, Calif. Electric audible signal. 1,622,862; Mar. 29.

Dexdale Hosiery Mills. (See Schulz, Albert E., assignor.)

Dibble, Albert C., Southwich, Mass. Leaf-lifting device for riding cultivators. 1,622,497; Mar. 29.

Di Matteo, James. (See Luisa, F., and Di Matteo.)

Doberstein, Edward J., assignor to Goodman Manufacturing Company, Chicago, Ill. Scraper-loading apparatus. 1,622,823; Mar. 29.

Doddridge, James M., Milton, Ind. Grave cover. 1,622,995; Mar. 29.

Doerr, Fred H., and G. E. Roedding, Grand Rapids, Mich., assignors to Cheney Talking Machine Company, Chicago, Ill. Phonograph mechanism. 1,622,423; Mar. 29.

Dolan, David J., Cleveland, Ohio. Make and break device. 1,622,424; Mar. 29.

Dolan, David J., Cleveland, Ohio. Steering-wheel lock mechanism. 1,622,575; Mar. 29.

Douglas, Harry A. (See Nelson, John H., assignor.)

Douglas, Harry A., Bronson, Mich. Combined lighting and ignition switch. 1,622,706; Mar. 29.

Douglas, Harry A., Bronson, Mich. Combined lighting and ignition switch. 1,622,707; Mar. 29.

Dubilier Condenser Corporation. (See Nyman, Alexander, assignor.)

Dunn, John T., North Attleboro, Mass. Flexible shafting. 1,622,772; Mar. 29.

Dunn, William G., Clarinda, Iowa. Vehicle inclosure heating and ventilating means. 1,622,498; Mar. 29.

Dunn, William G., Clarinda, Iowa. Controlling means for radio sets. 1,622,499; Mar. 29.
Dura Company, The. (See Nicholson, Stanley W., assignor.)
Durkee, Henry E., Glastonbury, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Worm-grinding machine. 1,622,628; Mar. 29.
Dusseldorfer Werkzeugmaschinen-Fabrik und Eisengiesserei Habersang & Zinzen G. m. b. H. (See Dahmen, Josef., assignor.)
Dwyer, William S., Devon, Conn. Universal joint. 1,622,425; Mar. 29.
Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
Early, John N., Pittsburgh, Pa. Alloy. 1,622,576; Mar. 29.
Ebner, Alfred J., assignor to Freyn, Brassert & Company, Chicago, Ill. Fire-tube boiler. 1,622,577; Mar. 29.
Eckstein, Reuben, New York, N. Y. Branch connecter. 1,622,708; Mar. 29.
Edison Electric Appliance Company. (See Simmons, Albert H., assignor.)
Edwards, George A., assignor of one-half to F. Henderson, Bisbee, Ariz., and one-half to N. V. Edwards. Elevator support. 1,622,943; Mar. 29.
Edwards, Nellie V., et al. (See Edwards, George A., assignor.)
Ehrlich, Adolf, Budapest, Hungary. Aircraft with swinging wings. 1,622,629; Mar. 29.
Electric Auto-Lite Company, The. (See Gilchrist, Clarence F., assignor.)
Ellwein, Frederick, Otter Creek, N. D. Ball bearing. 1,622,578; Mar. 29.
Emerson, Horton S. (See Gorin, Frederick P., assignor.)
Endicott Johnson Corporation. (See Warner, Benjamin S., assignor.)
Engelke, Frederick W., St. Louis, Mo. Elbow-bending machine. 1,622,426; Mar. 29.
Engineers Development Company. (See Cole, Theodore S., assignor.)
Erickson, Nels. (See Reimers, L., and Erickson.)
Eschholz, Otto H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arcing contact. 1,622,630; Mar. 29.
Espenschied, Lloyd, Queens, N. Y., assignor to American Telephone and Telegraph Company. Multiple antenna system for radiocommunication. 1,622,370; Mar. 29.
Evans, Albert E. (See Rotheram, J., and Evans.)
Evans, Charles S., Oakland, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Pipe-wrapping machine. 1,622,427; Mar. 29.
Evans, Harry L., and G. I. Hohl, Newport, R. I. Cartoning machine. 1,622,709; Mar. 29.
Evans, William, Youngstown, Ohio. Safety handle device. 1,622,996; Mar. 29.
Fahnenschmidt, Hans, Cassel, Germany. Screw connection for siphons of washbasins, fountains, and the like. 1,622,773; Mar. 29.
Fahnestock, Archie P., Long Island City, N. Y. Spring terminal clip. 1,622,631; Mar. 29.
Fahnestock, Archie P., Long Island City, N. Y. Spring terminal clip. 1,622,632; Mar. 29.
Faiella, Andrew, Jersey City, N. J. Shaving-cup stand. 1,622,633; Mar. 29.
Fairchild, Charles N., Milford, Conn., assignor to Fairchild Lock Corporation, New York, N. Y. Trigger control. 1,622,501; Mar. 29.
Fairchild, Charles N., Milford, Conn., assignor to Fairchild Lock Corporation, New York, N. Y. Manually-controlled lock. 1,622,502; Mar. 29.
Fairchild, Charles N., Milford, Conn., and F. J. Hull, Hagerstown, Md., assignors to Fairchild Lock Corporation, New York, N. Y. Lock. 1,622,500; Mar. 29.
Fairchild Lock Corporation. (See Fairchild, Charles N., assignor.)
Fairchild Lock Corporation. (See Fairchild, C. N., and Hull, assignors.)
Fales, Lewis F., Walpole, Mass. Sewing machine. 1,622,774; Mar. 29.
Farmer, Clyde C., Pittsburgh, and J. C. McCune, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 1,622,430; Mar. 29.
Farmer, Clyde C., Pittsburgh, and T. H. Thomas, Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,622,428; Mar. 29.
Farmer, Clyde C., Pittsburgh, Pa., and J. S. McWhirter, New York, N. Y., said Farmer assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., and said McWhirter assignor to Westinghouse Electric & Manufacturing Company. Safety car-control equipment. 1,622,429; Mar. 29.
Farrington, Frederick J., Omaha, Nebr., assignor to Deere & Company, Moline, Ill. Cultivator. 1,622,863; Mar. 29.
Farrington, Oscar I. (See Shaub, L., and Farrington.)
Fasting, Johan S., Valby, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Apparatus for agitating slurry, etc. 1,622,280; Mar. 29.
Faultless Caster Company. (See Noelting, W. H., and Brokaw, assignors.)
Faultless Caster Company. (See Noelting, W. H., Smithfield, and Noelting, assignors.)
Federal Telephone Manufacturing Corporation. (See Heyman, Nicholas, assignor.)
Federal Telephone Manufacturing Corporation. (See Horle, Lawrence C. F., assignor.)
Feigenbaum, Joseph, Los Angeles, Calif., assignor to Safety Concrete Incinerator Co. Inc. Air-cooled Incinerator. 1,622,431; Mar. 29.
Fentress, James, Chicago, Ill. Liquid-level gauge. 1,622,503; Mar. 29.
Fetterly, Harry L., Philadelphia, Pa. Automatic damper. 1,622,710; Mar. 29.
Findlay, David H., Pasadena, Calif. Golf putter and forming the same. 1,622,864; Mar. 29.
Fine, Lewis, assignor, by mesne assignments, to Hud Wheel Company, Philadelphia, Pa. Vehicle wheel construction. 1,622,310; Mar. 29.
Fink, Edward J., Bronx, N. Y. Ornamental body. 1,622,775; Mar. 29.
Finley, Dozier, Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Pipe-wrapping machine. 1,622,432; Mar. 29.
Finn, John, Metal Works. (See Finn, Robert B., assignor.)
Finn, Robert B., assignor to John Finn Metal Works, San Francisco, Calif. Apparatus for the production of metal dust. 1,622,433; Mar. 29.
Finn, Robert B., assignor to John Finn Metal Works, San Francisco, Calif. Apparatus for the production of metallic dust. 1,622,434; Mar. 29.
Fischer, Albert C., Chicago, Ill. Deformable expansion-contraction joint. 1,622,311; Mar. 29.
Fisher, Fenton R. (See White, Ernest C., assignor.)
Fisher, Lyle H., Kansas City, Mo., assignor to American Optical Company, Southbridge, Mass. Lens-testing instrument. 1,622,776; Mar. 29.
Flagg, Ernest, New York, N. Y. Fireplace construction. 1,622,944; Mar. 29.
Flagg, Ernest, New York, N. Y. Building construction. 1,622,997; Mar. 29.
Flauder, Alfred J. Bridgeport, Conn. Combined salt and pepper shaker. Des. 72,311; Mar. 29.
Flauder, Alfred J., Bridgeport, Conn. Combined salt and pepper shaker. Des. 72,312; Mar. 29.
Fleeman, William J., St. Joseph, Mo. Burial casket. 1,622,777; Mar. 29.
Fleming, John J., Vineland, N. J. Grate bar. 1,622,634; Mar. 29.
Flick, Henry, assignor to Hayes Wheel Company, Jackson, Mich. Manufacturing semiwood wheels. 1,622,504; Mar. 29.
Flowers, Stanley A., assignor to Pittsburgh Tinware Manufacturing Company, Pittsburgh, Pa. Fern stand or article of similar nature. Des. 72,313; Mar. 29.
Fonseca, Edward L., assignor to The Wilcolator Company, Newark, N. J. Electric control device. 1,622,635; Mar. 29.
Forchheimer, Milton, Newark, N. J. Toy vehicle. 1,622,636; Mar. 29.
Forsyth, Charles A., Atlanta, Ga. Sign. 1,622,637; Mar. 29.
Foster, Ashford, L., Denver, Colo. Lawn edger. 1,622,998; Mar. 29.
Fowler, Paul L., assignor to Arthur-Fowler Co., Spokane, Wash. By-pass valve structure. 1,622,778; Mar. 29.
Fox, Cecil M., Toledo, Ohio. Automatic control for arc lamps. 1,622,505; Mar. 29.
Fox, Gordon. (See McIntosh, R. L., and Fox.)
Franke, George O., assignor to A. E. Probst and P. A. Franke, Thrall, Tex. Cultivator standard. 1,622,865; Mar. 29.
Franke, P. A., et al. (See Franke, George O., assignor.)
Franklin, Simon &, Company. (See Davis, Taube, assignor.)
Franklin Simon & Co. (See Siegel, Maude, assignor.)
Frasca, Louis, Torrington, Conn. Adjustable shade bracket. 1,622,779; Mar. 29.
Frazee, Frank D., Springfield, Ill. Tourist's auto tent. 1,622,435; Mar. 29.
Frazier, Ballie W. (See Springfield, W. E., and Frazier.)
Freed, Wesley W., East Palestine, Ohio. Number holder. 1,622,436; Mar. 29.
Freere, Phelps M., Detroit, Mich. Piston. 1,622,579; Mar. 29.
Freese, Walter E., Tulare, Calif. Switch. 1,622,906; Mar. 29.
Fretz-Moon Tube Company. (See Moon, John W., assignor.)
Freund, Robert R., assignor to Shot-Lite Corporation of America, Denver Colo. Lens supporting and retaining means. 1,622,437; Mar. 29.
Freyn, Brassert & Company. (See Ebner, Alfred J., assignor.)
Freyn Engineering Company. (See McIntosh, R. L., and Fox, assignors.)
Frink, I. P., Inc. (See Spencer, William H., assignor.)
Frith, Arnold J., Selma, Ala. 1,622,999; Mar. 29.
Fritz, Roy D., Barberton, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for vulcanizing under fluid pressure. 1,622,438; Mar. 29.
Froesch, Charles. (See Masury, A. F., and Froesch.)
Fromm, Karl. (See Von Karman, T., Fromm.)
Frost, Kelman D., Swindon, England. Card game. 1,622,638; Mar. 29.
Frost, Samuel. New York, N. Y. Electric Chandelier. Des. 72,314; Mar. 29.

Frue, Alexander C., Detroit, Mich. Device for operating switches. 1,622,439; Mar. 29.
Fryer, John W., St. Louis, Mo. Spring. 1,622,711; Mar. 29.
Gabriel Steel Company. (See Zabriskie, William F., assignor.)
Gagné, Augustin, assignor to Hemphill Company, Central Falls, R. I. Controlling mechanism for primary and secondary yarns of split-work circular-knitting machines. 1,623,027; Mar. 29.
Gail, John F., Evanston, Ill., assignor to Simons Company, Kenosha, Wis. Harness for handling mattresses. 1,622,712; Mar. 29.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire-trimming apparatus. 1,622,440; Mar. 29.
Gardner, Leonard T., assignor of one-half to C. J. Jording, Baltimore, Md. Device for raising sunken submarines. 1,622,866; Mar. 29.
Garland, Oscar A., Hot Springs, Ark. Talking doll. 1,622,441; Mar. 29.
Garwick, Ed. (See Karow, Emil, assignor.)
Gasoline Products Company. (See Cross, Roy, assignor.)
Gates, Augustus J. (See Deady, Frederick W., assignor.)
Gaughrin, William, Chicago, Ill. Clinker-removing device. 1,622,312; Mar. 29.
Gaw-O'Harn Envelope Company. (See Ahlquist, Eugene F., assignor.)
Geare, Randolph E. S., and R. M. Norstrom, assignors to Schutte & Koerting Company, Philadelphia, Pa. Low-level jet condenser. 1,622,945; Mar. 29.
Geddes, David, Berkeley, Calif. Grain washer, stoner, and conditioner. 1,622,580; Mar. 29.
Geise, George E., Covington, Ky. Kassette. 1,622,371; Mar. 29.
Gellhorn, George, St. Louis, Mo. Obstetrical bed. 1,622,313; Mar. 29.
General Electric Company. (See Bergman, Sven R., assignor.)
General Electric Company. (See Hoxie, Charles A., assignor.)
General Electric Company. (See Langmuir, Irving, assignor.)
General Electric Company. (See MacMillan, Campbell, assignor.)
General Electric Company. (See Moody, Walter S., assignor.)
General Electric Company. (See Penney, Frank H., assignor.)
General Electric Company. (See Umansky, Leonid A., assignor.)
General Electric Company. (See Winter, Fred H., assignor.)
General Industries Company, The. (See Bonsieur, Le, assignor.)
General Railway Signal Company. (See Wenholz, Walter W., assignor.)
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,622,907; Mar. 29.
Gibson, Hugo C., Philadelphia, Pa. Resilient road wheel. 1,622,867; Mar. 29.
Gilbert, Ella J., New York, N. Y. Protector. 1,622,639; Mar. 29.
Gilchrist, Clarence F., assignor, by mesne assignments, to The Electric Auto-Lite Company, Toledo, Ohio. Engine starter. 1,622,377; Mar. 29.
Gillespie, William F., Stamford, Conn., assignor to Stamford Rubber Supply Company. Mounting for typewriters and the like. 1,622,713; Mar. 29.
Gillett, Frank R. (See Williams, A. D., and Gillett.)
Gilman, A. S. (See Burdell, Arthur, assignor.)
Gleason Works. (See Wildhaber, Ernest, assignor.)
Gledhill, Arthur H., Halifax, England. Workman's time recorder. 1,623,000; Mar. 29.
Gluck, William S. (See Bernstein, Alexander, assignor.)
Glund, Wilhelm, Dortmund-Eving, Germany. Manufacture of hydrocyanic acid. 1,622,372; Mar. 29.
Going, George G., Middletown, Conn., assignor to Remington Noiseless Typewriter Corporation, New York, N. Y. Typewriting machine. 1,622,640; Mar. 29.
Goldsmith, Gustave M., and C. Bartels, assignors to The Mosler Safe Company, Hamilton, Ohio. Construction of vault or safe doors and the like. 1,622,825; Mar. 29.
Gollbach, Joseph, East Nicolaus, Calif. Machine for treating grain with copper carbonate. 1,623,001; Mar. 29.
Gonyk, Ignatz, Ljubljana, Yugoslavia. Lamp. 1,622,373; Mar. 29.
Goodline, George, Pawtucket, R. I. Motion-transmitting mechanism. 1,622,780; Mar. 29.
Goodman Manufacturing Company. (See Doberstein, Edward J., assignor.)
Goodman Manufacturing Company. (See Pearce, James W., assignor.)
Goodman Manufacturing Company. (See Wood, Robert J., assignor.)
Goodrich, B. F., Company, The. (See Fritz, Roy D., assignor.)
Goodrich, B. F., Company, The. (See Gammeter, John R., assignor.)
Goodwillie, John E., Brooklyn, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Surface condenser. 1,622,374; Mar. 29.
Gorin, Frederick P., Seattle, assignor of one-half to H. S. Emerson, King County, Wash. Thumb index. 1,622,641; Mar. 29.
Gosch, William H., assignor to The Nolde and Horst Company, Reading, Pa. Revisable sample folder. 1,622,314; Mar. 29.
Gossett, John N., Sheridan, Mont. Lamp-supporting collar. 1,623,002; Mar. 29.
Gould, Herman. (See Ackermann, F., and Gould.)
Grafham, Beatrice L., Catford, England. Lifeguard or obstruction remover for motor-propelled and similar vehicles. 1,622,868; Mar. 29.
Grandstaff, Albert L., Akron, Ohio. Steam trap. 1,623,003; Mar. 29.
Grandt, Edward S. (See Greenfield, Sigmund.)
Granstedt, Erik. (See Nordenfelt, P., and Granstedt.)
Grant, Jim A., and G. A. Lowry, New York, N. Y. Brick handling and cleaning machine. 1,622,869; Mar. 29.
Graupner, Paul L., Dresden, Germany, assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Mueller & Co. Rod-cigarette machine. 1,622,378; Mar. 29.
Graves, Walter L., Hatfield, Mass. Steam-fitter's appliance. 1,622,506; Mar. 29.
Greenberg, Raul, Brooklyn, N. Y. Window cleaner. 1,623,004; Mar. 29.
Greenfield, Sigmund, now by judicial change of name E. S. Grandt, New York, N. Y. Dispensing top for containers. 1,622,714; Mar. 29.
Griffiths, Harry A., Edgbaston, England. Sheet-feeding mechanism. 1,623,032; Mar. 29.
Griscom-Russell Company, The. (See Jones, Russell C., assignor.)
Gubler, Hans, H. Stahel, and F. Straub, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs containing chromium and making same. 1,623,005; Mar. 29.
Guenther, Theodore H. (See Guenther, Walter A. and T. H.)
Guenther, Walter A. and T. H., Holyoke, Mass. Bumper for motor vehicles. 1,622,442; Mar. 29.
Gulberson Corporation. (See Crowell, Erd V., assignor.)
Guillou, Henri, Montrouge, France. Belt-driving device for railway-carriage dynamos. 1,622,315; Mar. 29.
Gulf Refining Company. (See Buerger, Charles B., assignor.)
Gunkel, Hermann, Newell, Pa. Nut lock. 1,622,581; Mar. 29.
Gunts, Antoine A., Nancy, France. Luminescent product. 1,622,379; Mar. 29.
Gurnee, Isaac Q., Butler, and A. A. Smith, Riverdale, N. J., assignors to Superior Hard Rubber Company, Butler, N. J. Thermometer case. Des. 72,315; Mar. 29.
Gustin, Daniel S., East Orange, N. J., assignor to Westinghouse Lamp Company. Gas-filled incandescent electric lamp with filament having increased strength. 1,622,826; Mar. 29.
Haarberg, Cato, Chicago, Ill. Package carrier. 1,622,946; Mar. 29.
Hahnemann, Walter, H. Hecht, H. Lichte, and L. Adelmann, assignors to Signal Gesellschaft mit beschränkter Haftung, Kiel, Germany. Vibration amplifier. 1,622,507; Mar. 29.
Hale, Alfred, Rubber Company. (See Cutler, David A., assignor.)
Hall, George W., Hartford, Conn. Device for measuring lengths of pipes. 1,622,908; Mar. 29.
Halvarsson, Halvar, Bjalverud, Sweden. Automatic cattle-feeding mechanism. 1,622,443; Mar. 29.
Hamborg, Edward, Linden, and V. T. Lobdell, Elizabeth, N. J. Fly catcher. 1,623,006; Mar. 29.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company, New York, N. Y. Clip for pencils, penholders, and like articles. 1,622,316; Mar. 29.
Hansen, Dewey C., Kansas City, Mo. Soldering flux and cement applying device for can-making machines. 1,622,781; Mar. 29.
Hanson, Clinton H., assignor to The Motor Player Corporation, Chicago, Ill. Actuating player pianos. 1,622,827; Mar. 29.
Hardin, Frank H., Bronxville, N. Y. Car construction. 1,622,582; Mar. 29.
Hardin, Frank H., Bronxville, N. Y. Reenforcing car bracket. 1,622,583; Mar. 29.
Hardin, Frank H., Bronxville, N. Y. Reenforcing car bracket. 1,622,584; Mar. 29.
Hardman, Frederic. (See Barke, J. G., and Hardman.)
Harper, Ernest H., Oakland, Calif. Boat. 1,622,508; Mar. 29.
Harrisberger, Ivan A., Florence, Colo. Smoking pipe. 1,622,585; Mar. 29.
Hartford-Empire Company. (See Mulholland, Vergil, assignor.)
Hartford-Empire Company. (See Peiler, Karl E., assignor.)
Harty, Thomas F., Rosebank, N. Y. Boiler structure. 1,622,947; Mar. 29.
Haskelite Manufacturing Corporation. (See Norris, Charles B., assignor.)
Hast, Charles R., assignor to P. G. Villaret, San Antonio, Tex. Accounting device. 1,622,642; Mar. 29.
Hatcher, Minnie E., Tyler, Ala. Dish drainer. 1,622,909; Mar. 29.

Havir, Andrew H., assignor to Progressive Shoe Machinery Company, Minneapolis, Minn. Welt-rolling machine. 1,622,281; Mar. 29.

Hawksworth, David W., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich. 1,622,509; Mar. 29.

Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Centrifugal dust separator. 1,622,643; Mar. 29.

Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Centrifugal dust catcher. 1,622,644; Mar. 29.

Hawxhurst, John J., assignor of one-fourth to M. J. Sage, one-fourth to F. W. Lang, Brooklyn, and one-fourth to G. W. Stedwell, New York, N. Y. Liquid measuring apparatus. 1,622,715; Mar. 29.

Hayes-Meserole Manufacturing Co., The. (See Meserole, Milton D., assignor.)

Hayes Wheel Company. (See Flick, Henry, assignor.)

Heath, Kenneth L., and L. Schoel, Edmonds, Wash.; said Schoel assignor to said Heath. Hair snap. 1,623,034; Mar. 29.

Hecht, Heinrich. (See Hahnemann, W., Hecht, Lichte, and Adelmann.)

Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co., Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 72,316; Mar. 29.

Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co., Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 72,317; Mar. 29.

Hemphill Company. (See Gagné, Augustin, assignor.)

Henderson, Fred, et al. (See Edwards, George A., assignor.)

Hendriks, Mathew, Ogema, Saskatchewan, Canada. Safety device for saddle stirrups. 1,622,510; Mar. 29.

Herrmann, Friedrich, Lincoln, Nebr. Shoe. 1,623,007; Mar. 29.

Herschede Hall Clock Company, The. (See Nelson, Nels J., assignor.)

Heyl & Patterson, Inc. (See Vogel, Joseph P., assignor.)

Heyman, Horace W., Maplewood, N. J. Draft control. 1,622,782; Mar. 29.

Heyman, Nicholas, assignor to Federal Telephone Manufacturing Corporation, Buffalo, N. Y. Vernier adjustment means for electrical instruments. 1,622,783; Mar. 29.

Hicks, Catherine C., et al., executrices. (See Cabezola, Eusebio F.)

Hiering, William C., assignor to J. E. Mergott Co., Newark, N. J. Collapsible bag frame. 1,622,716; Mar. 29.

Hild, Frederic W., Los Angeles, Calif. System of control. 1,622,784; Mar. 29.

Hildebrand, Reinhard, Webster Groves, Mo. Two-cycle internal-combustion engine. 1,622,717; Mar. 29.

Hill, Frank. (See Kammerer, G., and Hill.)

Hiller, Nicolai H., Carbondale, Pa. Cooling apparatus. 1,622,511; Mar. 29.

Hiller, Nicolai H., and B. F. Safberg, assignors to Carbondale Machine Company, Carbondale, Pa. Condenser or cooler. 1,622,645; Mar. 29.

Hills Brothers Company. (See De Forest, Lester C., assignor.)

Hindahl, David, assignor to Rodger Ballast Car Company, Chicago, Ill. Latching device for car doors. 1,622,718; Mar. 29.

Hirschmüller, Albert, Miesbach, Germany. Spinning machine. 1,623,008; Mar. 29.

Hitchcock, Halbert K., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for handling glass sheets. 1,622,380; Mar. 29.

Hoag, Charles L., Oak Park, assignor to Standard Oil Friction Burner Company, Chicago, Ill. Oil-burning furnace. 1,622,828; Mar. 29.

Hoffman, Frank, Montreal, Quebec, Canada. Tobacco pipe. 1,623,009; Mar. 29.

Hoffman, John W., Detroit, Mich. Steering-wheel-holding device. 1,622,586; Mar. 29.

Hofmeister, Leo, Milwaukee, Wis. Autoboggan. 1,622,719; Mar. 29.

Hofmeister, Leo, Milwaukee, Wis. Producing fur pelts. 1,622,720; Mar. 29.

Hogate, Joseph R., and L. E. Spence, Bladen, Nebr. Fabric treatment. 1,622,444; Mar. 29.

Hohl, George I. (See Evans, H. L., and Hohl.)

Holladay, Anna M., New York, N. Y. Nursing bottle. 1,622,512; Mar. 29.

Hollingsworth, William F., assignor of one-half to J. H. Blair, San Francisco, Calif. Cable brake. 1,622,785; Mar. 29.

Holm, Carl, and A. H. Johnson, Worcester, Mass. Labeling machine. 1,622,381; Mar. 29.

Holmes, Stanley B., Seattle, Wash. Carburetor. 1,622,513; Mar. 29.

Homer, Joseph, New York, N. Y. Dental relator. 1,622,910; Mar. 29.

Hook, Arley U., New Washington, Ohio. Electric thermostatic switch. 1,622,721; Mar. 29.

Hopkins, Leonard S. R., New York, and H. L. Corthell, Bronxville, assignors to Bacterial Sewage Purification Company, New York, N. Y. Bacterial sewage tank. 1,622,646; Mar. 29.

Horle, Lawrence C. F., Newark, N. J., assignor to Federal Telephone Manufacturing Corporation, Buffalo, N. Y. Vacuum-tube voltmeter. 1,622,786; Mar. 29.

Horter, Bayard M., Kingston, Pa., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Controller for Power-driven pumps. 1,622,514; Mar. 29.

Horton, George T., Chicago, Ill. Container. 1,622,787; Mar. 29.

Hosmer, Chester C., Huntington Beach, Calif. Oil-well casing head. 1,623,010; Mar. 29.

Hottel, Louis W. (See Sturgeon, Harold M., assignor.)

Hotter, Edward, Chicago, Ill. Die-casting apparatus. 1,622,788; Mar. 29.

Housel, Fred L., Brooklyn, N. Y. Appliance for cooking vessels. 1,622,587; Mar. 29.

Howlett, William E., Moline, Ill. Automatic self-loading hoist. 1,622,589; Mar. 29.

Hoxie, Charles A., Schenectady, N. Y., assignor to General Electric Company. Electric clock system. 1,622,588; Mar. 29.

Hucks, William, Camden Town, London, assignor of one-half to Sodastream Limited, Camden Town, England. Apparatus for aerating liquids. 1,623,011; Mar. 29.

Hull, Foster J. (See Fairchild, C. N., and Hull.)

Hull, Matthew R., assignor to Rex Manufacturing Company, Connersville, Ind. Automobile top. Re16,581; Mar. 29.

Hulse, Edward P., Westfield, N. J. Knife. 1,622,870; Mar. 29.

Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Apparatus for generator regulation. 1,622,282; Mar. 29.

Hultin, Valter K., Stockholm, Sweden. Method and arrangement for making naked flooring. 1,622,829; Mar. 29.

Hunt, Chester. (See Barett, L. A., and Hunt.)

Huntley, Ernest R. (See Brockway, C. P., and Huntley.)

Hutchins Car Roofing Company. (See Hawksworth, David W., assignor.)

Huth, Carl, Stuttgart, assignor to the Firm Feodor Burgmann, Dresden-Laubegast, Germany. Packing of rotary shafts. 1,622,911; Mar. 29.

I. G. Farbenindustrie Aktiengesellschaft. (See Benda, Ludwig, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Wagner, Hermann, assignor.)

Industrial Research Corporation. (See Brockway, C. P., and Huntley, assignors.)

Ingersoll-Rand Company. (See Goodwillie, John E., assignor.)

Inland Steel Company. (See McIntosh, R. L., and Fox, assignors.)

International Motor Company. (See Leipert, August H., assignor.)

International Motor Company. (See Masury, A. F., and Froesch, assignors.)

International Precipitation Company. (See Vietz, Floyd H., assignor.)

International Time Recording Company of New York, The. (See Bryce, James W., assignor.)

Intertype Corporation. (See Testi, Nicholas, assignor.)

Irving, Norman B., Philadelphia, Pa. Automatic measuring device for liquids. 1,622,317; Mar. 29.

Isaacs, Mark, Minneapolis, Minn. Grain tester. 1,622,515; Mar. 29.

Isherwood, Joseph W., Chislehurst, England. Construction of floating vessels. 1,622,830; Mar. 29.

Jackson, Carl W., Chicago, Ill. Hair-trimming appliance. 1,622,647; Mar. 29.

Jackson, Ray P., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Insulator. 1,622,648; Mar. 29.

Jakowsky, Jay J., Los Angeles, Calif. Process of and apparatus for distilling bituminiferous material. 1,622,722; Mar. 29.

James, Henry D., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switch. 1,622,649; Mar. 29.

Janer, Andre, Flushing, N. Y. Receptacle. 1,622,318; Mar. 29.

Janus, William, St. Louis County, Mo., assignor to Chicago Railway Equipment Company, Chicago, Ill. Adjustable eccentric chair for brake beams. 1,622,516; Mar. 29.

Jarnagin, Harry S., assignor of one-half to R. W. Bidwell, Richmond Heights, Mo. Locomotive-boiler construction. 1,622,012; Mar. 29.

Jauch, Robert J., Fort Wayne, Ind. Foot rest for shoe-shining stands. 1,622,382; Mar. 29.

Jefferson, Benjamin H., assignor to Lyon & Healy, Inc., Chicago, Ill. Devices for indicating position of pianos on floors or other surfaces. 1,622,445; Mar. 29.

Jenkins, Henry C., Hove, England. Device for compressing valve springs of internal-combustion engines and for like purposes. 1,622,319; Mar. 29.

Jeske, Clarence W., Walnut Grove, Minn. Motor-cycle stand. 1,622,383; Mar. 29.

Johnson, Arvid H. (See Holm, C., and Johnson.)

Johnson, John H., Chicago, Ill. Pressure gauge. 1,622,517; Mar. 29.

Johnson & Johnson. (See Johnson, Robert W., assignor.)

Johnson, Joseph, Birmingham, England. Shock-absorbing device for the handle bars of cycles and the like. 1,622,912; Mar. 29.

Johnson, Olaf W., Seattle, Wash., assignor to Bakeries Service Corporation, Chicago, Ill. Card or pamphlet holding device. 1,622,518; Mar. 29.

Johnson, Philip M., Newton, Mass., assignor, by mesne assignments, to National Refrigerating Company, New Haven, Conn. Valve. 1,622,723; Mar. 29.

Johnson, Robert W., assignor to Johnson & Johnson, New Brunswick, N. J. Bandage compress. 1,622,948; Mar. 29.

Jolstad, Trygve, assignor to Michigan Stamping Company, Detroit, Mich. Stretching die for sheet metal. 1,622,590; Mar. 29.

Jones, Benjamin T., New Haven, Conn. Separator. 1,622,872; Mar. 29.

Jones, Rufus B. (See Shipley, C. W., and Jones.)

Jones, Russell C., Bronxville, assignor to The Griscom-Russell Company, New York, N. Y. Deaerator. 1,622,283; Mar. 29.

Jonick, Michael, New York, N. Y., assignor to Jonick Sirken Co., Inc. Lighting-fixture strap. Des. 72,318; Mar. 29.

Jonick Sirken Co. (See Jonick, Michael, assignor.)

Jording, Charles A. (See Gardner, Leonard T., assignor.)

Jourdan, Alvin S., et al. (See Jourdan, Roy E., assignor.)

Jourdan, Clarence C., et al. (See Jourdan, Roy E., assignor.)

Jourdan, Roy E., assignor of one-fourth to A. S. Jourdan, one-fourth to C. C. Jourdan, and one-fourth to E. J. P. Lutzke, Rhinelander, Wis. Wire cutter. 1,622,446; Mar. 29.

Kalberer, George J., Hamilton, Ohio. Caster. 1,622,447; Mar. 29.

Kalkbrenner, Louis, Wall, S. D. Automatic valve. 1,622,448; Mar. 29.

Kammerer, George, Whittier, and F. Hill, Los Angeles, Calif. Pumping apparatus. 1,622,384; Mar. 29.

Kansas City Gasoline Company, The. (See Lasher, Henry M., assignor.)

Karagunis, John, Newburyport, Mass. Indicating device. 1,622,913; Mar. 29.

Karow, Emil, assignor of one-half to E. Garwick, Sarles, N. Dak. Automobile lifting device. 1,623,013; Mar. 29.

Katz, Frederick J., Shreveport, La. Differential lock for motor vehicles. 1,622,449; Mar. 29.

Keenan, Walter F., jr. (See Wyld, R. H., and Keenan.)

Keene, Alvin D., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,622,650; Mar. 29.

Keene, Alvin D., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,622,651; Mar. 29.

Kelley, John R., Covington, Ky. Radiographic apparatus. 1,622,320; Mar. 29.

Kelley, John R., Covington, Ky. Radiographic apparatus. 1,622,321; Mar. 29.

Kelso, Nyla Q., assignor of one-half to J. A. Semke, Oklahoma City, Okla. Sash-operating device and lock. 1,622,949; Mar. 29.

Kelvin Engineering Co. (See Merlis, Ira, assignor.)

Kempf, Stephen S., Chicago, Ill. Traction chain. 1,623,014; Mar. 29.

Kennedy, Daniel J., Yonkers, N. Y. Boxing glove. 1,622,322; Mar. 29.

Kenney, Edward H. and E., Philadelphia, Pa. Sled and wagon. 1,622,789; Mar. 29.

Kenney, Elizabeth. (See Kenney, Edward H. and E.)

Keyes, Frederick G., Cambridge, assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass. Apparatus for producing refrigeration. 1,622,519; Mar. 29.

Keyes, Frederick G., Cambridge, assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass. Refrigerating machine. 1,622,520; Mar. 29.

Keyes, Frederick G., Cambridge, assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass. Refrigeration. 1,622,521; Mar. 29.

Keyes, Frederick G., Cambridge, assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass. Refrigeration. 1,622,522; Mar. 29.

Keyes, Frederick G., Cambridge, assignor, by mesne assignments, to National Refrigerating Company, Boston, Mass. Gas and liquid storing device. 1,622,523; Mar. 29.

Killion, Joseph L., Minneapolis, Minn. Fly-paper holder. 1,622,591; Mar. 29.

Kindt, Herman, Baltimore, Md. Swimming apparatus. 1,622,914; Mar. 29.

Kiper, Stefan, Anderson, Ind. Wheeled toy. 1,623,033; Mar. 29.

Kirk, Percy and S. M., London, England. Pince-nez and spectacles. 1,622,724; Mar. 29.

Kirk, Sidney M. (See Kirk, Percy and S. M.)

Kirkegaard, Georg, Brooklyn, N. Y. Dispensing device. 1,622,831; Mar. 29.

Klappenberger, Joseph C., Baltimore, Md. Adjustable shade bracket. 1,622,450; Mar. 29.

Klausmeyer, David C., assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Arm mount with accessible gear unit. 1,622,725; Mar. 29.

Klein, William F., St. Louis, Mo. Window-casement control. 1,622,385; Mar. 29.

Klosterman, Joseph J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,622,790; Mar. 29.

Knorpp, Philip J., assignor to N. D. Q. Specialty Corporation, Brooklyn, N. Y. Display holder. 1,622,726; Mar. 29.

Koebcke, Albert P., Mount Violet, Victoria, Australia. Vehicular leaf spring. 1,622,727; Mar. 29.

Kollstede, Alfred G. (See Ruprecht, L., and Kollstede.)

Kops Bros., Inc. (See Kops, Waldemar, assignor.)

Kops, Waldemar, New York, N. Y., assignor to Kops Bros., Inc. Apparel garment. 1,622,873; Mar. 29.

Korsetz, Emil, Milwaukee, Wis. Receptacle. 1,629,728; Mar. 29.

Kovats, John, assignor to Lorraine Metal Manufacturing Company, Bridgeport, Conn. Grapefruit corer. 1,622,874; Mar. 29.

Kowalski, Charley, Chicago, Ill. Fernery stand. Des. 72,219; Mar. 29.

Kratz, Arthur B., Detroit, Mich. Rubbing machine. 1,622,592; Mar. 29.

Kroeger, Martin. (See Behning, Robert V., assignor.)

Kroschel, Louis A., Los Angeles, Calif. Side stop hinge. 1,622,451; Mar. 29.

Kuik, Mary E., Racine, Wis. Mothproof bag. 1,622,323; Mar. 29.

Kvasnicka, Vaclav, Prague, Czechoslovakia. Drafting device. 1,622,524; Mar. 29.

Ladane, Alexander. (See Szabo, J., and Ladane.)

Ladd, Lester L., Lockport, Ill. Grain-sorting device. 1,622,386; Mar. 29.

Lambert, Edward G., Ottumwa, Iowa, assignor of one-half to L. Lambert, Wichita, Kans. Cream remover. 1,622,832; Mar. 29.

Lambert, Leon. (See Lambert, Edward G., assignor.)

Landon, Elvie, Waterloo, Iowa. Vehicle wheel. 1,622,593; Mar. 29.

Lang, Frederick W., et al. (See Hawxhurst, John J., assignor.)

Lang, George H., Philadelphia, Pa. Inlet box for drains. 1,622,652; Mar. 29.

Lang, Philip, assignor to Wagner Manufacturing Company, Cedar Falls, Iowa. Door bolt. 1,622,791; Mar. 29.

Langmuir, Irving, Schenectady, N. Y., assignor to General Electric Company. Sound-locating apparatus. 1,622,594; Mar. 29.

Languepin, Jacques E. J., Paris, France. Machine for electric welding, soldering, or the like. 1,622,792; Mar. 29.

La Pearle, William E., and W. H., Salt Lake City, Utah. Telephone receiver. 1,622,950; Mar. 29.

La Pearle, William H. (See La Pearle, William E., and W. H.)

Lasher, Henry M., assignor to The Kansas City Gasoline Company, Kansas City, Kans. Still. 1,622,452; Mar. 29.

Lasher, Henry M., assignor to The Kansas City Gasoline Company, Kansas City, Kans. Treating hydrocarbon oil. 1,622,453; Mar. 29.

La Société pour la Fabrication de la Sole Rhodiaseta, Siege Social. (See Chavassieu, Henri L. J., assignor.)

Laucks, I. F., Inc. (See Davidson, G., Rippey, Cone, Laucks, and Banks, assignors.)

Laucks, Irving F. (See Davidson, G., Rippey, Cone, Laucks, and Banks.)

Lawrence, Joseph A., Olden, Tex. Sand trap. 1,623,015; Mar. 29.

Laxton, Lacey and C. L. Trosper, Black Joe, Ky. Steering-wheel lock. 1,622,454; Mar. 29.

Lee, Harry S., Plymouth, Mich. Molding machine. 1,622,875; Mar. 29.

Leipert, August H., College Point, assignor to International Motor Company, New York, N. Y. Cushion connection for vehicle construction. 1,622,729; Mar. 29.

Leister, Morris, assignor to Weinerth Knitting and Machine Company, Inc., Reading, Pa. Floating-thread cutter. 1,622,653; Mar. 29.

Lemon, Robert L., Indianapolis, Ind. Container. 1,622,525; Mar. 29.

Leo, Hermann, Gera-Reuss, Germany. Air pump. 1,622,876; Mar. 29.

Les Parfums de Rosine, Inc. (See Raynor, Harold H., assignor.)

Lettré, Philip H., North Attleboro, Mass. Line-splicing device. 1,622,324; Mar. 29.

Levy, Marcel, assignor to "Prodor" Fabrique de Produits Organiques S. A., Canton of Geneva, Switzerland. Molding of pipes and like hollow articles. 1,622,325; Mar. 29.

Lewis, Alfred E., Camperdown, New South Wales, Australia. Electric water heater of the storage type. 1,622,951; Mar. 29.

Lewis, Nathan E., Plainfield, N. J., and D. W. Williams, New Brighton, Staten Island, N. Y., assignors to The Babcock & Wilcox Company, Bayonne, N. J. Furnace. 1,622,595; Mar. 29.

Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Hardness-testing machine. 1,622,455; Mar. 29.

Lewis, Samuel J., Detroit, Mich. Dispensing tube. 1,622,526; Mar. 29.

Lewis, Thomas J., New York, N. Y. Spatulating machine. 1,622,833; Mar. 29.

Lichte, Hugo. (See Hahnemann, W., Hecht, Lichte, and Adelmann.)
Liebmann, August G., San Francisco, Calif. Fluid-pressure-operated shoveling machine. 1,622,456; Mar. 29.
Lillie, David A. (See Stoltz, B., and Lillie.)
Linograph Company, The. (See Petersen, Hans, assignor.)
Lionel Corporation, The. (See Cowen, Joshua L., assignor.)
List, Frank X., assignor to National Card Mounting Company, New York, N. Y. Display box. 1,622,284; Mar. 29.
Lister, Anson T., Wichita, Kans. Electric bed warmer. 1,622,326; Mar. 29.
Little, Donald G., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wireless transmission system. 1,622,654; Mar. 29.
Little, John. (See Schmitt, H. J., and Little.)
Livingood, Benjamin S., assignor to Livingood Manufacturing Corporation, Lebanon, Pa. Chair table set. 1,622,327; Mar. 29.
Livingood Manufacturing Corporation. (See Livingood, Benjamin S., assignor.)
Livingston, John P., Clyde, N. Y. Tractor hitch. 1,622,328; Mar. 29.
Lobdell, Victor T. (See Hamborg, E., and Lobdell.)
Locomotive Terminal Improvement Company, The. (See Otis, Spencer, assignor.)
Lodge & Shipley Machine Tool Company, The. (See Cockburn, Francis B., assignor.)
Logan, Charles W., Kenmore, N. Y., assignor, by mesne assignments, to Markel Electric Products, Inc., Buffalo, N. Y. Electric-light fixture. Des. 72,320; Mar. 29.
Logan, Charles W., Kenmore, N. Y., assignor, by mesne assignments, to Markel Electric Products, Inc., Buffalo, N. Y. Wall plate for electric-light fixtures. Des. 72,321; Mar. 29.
Long, George E., Chattanooga, Tenn. Packing cutter. 1,622,655; Mar. 29.
Long, Herbert, Walthamstow, London, England, assignor to Taylor Instrument Companies, Rochester, N. Y. Barometer. Des. 72,323; Mar. 29.
Long, Herbert, Walthamstow, London, England, assignor to Taylor Instrument Companies, Rochester, N. Y. Barometer. Des. 72,324; Mar. 29.
Lorraine Metal Manufacturing Company. (See Kovats, John, assignor.)
Loschirico, Gesualdo, New York, N. Y. Fire safety device for motion-picture machines. 1,622,952; Mar. 29.
Loughridge, Matthew H., Bogota, N. J. Cab-signal and train-control system. 1,622,285; Mar. 29.
Löwenstein, Karl P., zu. (See zu Lowenstein, Karl P.)
Lowry, George A. (See Grant, J. A., and Lowry.)
Lucas, Stephen F., Valley Park, Mo. Headlight. 1,622,953; Mar. 29.
Ludow, Walter S., jr., Cincinnati, Ohio. Combined manual night-watch fire-alarm box. 1,622,457; Mar. 29.
Luisa, Frank, and J. Di Matteo, New York, N. Y. Twin-label puncher. 1,622,458; Mar. 29.
Lundgren, Gustaf H. (See Cook, H. D., and Lundgren.)
Lundquist, Bernard H., Providence, R. I. Radiodetector. 1,622,459; Mar. 29.
Lutzke, Ervin J. P., et al. (See Jourdan, Roy E., assignor.)
Lyon, Frederic M., Pontiac, Ill. Safety key device. 1,622,793; Mar. 29.
Lyon & Healy, Inc. (See Jefferson, Benjamin H., assignor.)
Maas, Elov F., Long Branch, N. J. Grinding machine. 1,622,527; Mar. 29.
Macallen Company, The. (See McCarthy, Louis, assignor.)
MacCordy, Charles A., Albany, assignor to MacCordy Master-Check Corporation, Syracuse, N. Y. Protecting checks. 1,622,329; Mar. 29.
MacCordy Master-Check Corporation. (See MacCordy, Charles A., assignor.)
MacDonald, Lawrence C., Alamosa, Colo. Corner plate. 1,622,656; Mar. 29.
MacDougald, Snow F., Isle Maligne, Quebec, Canada. Sand valve for locomotives. 1,622,657; Mar. 29.
Macheroux, Louis, Chicago, Ill. Extensible buckle and the like. 1,622,954; Mar. 29.
MacMillan, Campbell, Schenectady, N. Y., assignor to General Electric Company. Alternating-current commutator machines. 1,622,596; Mar. 29.
Mader, David C., St. Louis, Mo. Game apparatus. 1,622,330; Mar. 29.
Madsen, Sern, assignor to Curtis Companies, Incorporated, Clinton, Iowa. Feeding machine. 1,622,836; Mar. 29.
Maehl, Gus, Los Angeles, Calif. Stone-dressing tool. 1,622,915; Mar. 29.
Magnet-Werk G. m. b. H. Eisenach, Spezialfabrik für Elektromagnet-Apparate. (See Bing, Julius, assignor.)
Mahan, Joseph R., assignor to The National Supply Company, Toledo, Ohio. Polished-rod grip. 1,622,331; Mar. 29.
Mahoney, Clarence. (See Conwell, W., and Mahoney.)
Malcher, Otto, Chicago, Ill. Computer. 1,622,916; Mar. 29.
Mallinson, H. R. & Co. (See Heinke, Alfred J., assignor.)
Malm, John A., Denver, Colo. Oil clutch. 1,622,955; Mar. 29.
Malm, John A., Denver, Colo. Combined oil clutch and hub for wheels. 1,622,956; Mar. 29.
Malone, Patrick E., Kellogg, Idaho. Filler cap. 1,622,659; Mar. 29.
Mandalian, Sahatjel G., North Attleboro, Mass. Metallic mesh fabric. Des. 72,325; Mar. 29.
Mangold, William B., Chicago, Ill., assignor to Vortex Mfg. Co. Cup dispenser. 1,622,507; Mar. 29.
Marcel, François R., Brooklyn, N. Y. Curling iron. 1,622,834; Mar. 29.
Marcus, Charles L., New York, N. Y. Vanity case. 1,622,463; Mar. 29.
Margolin, Hyman, New York, N. Y. Hand bag. Des. 72,326; Mar. 29.
Markel Electric Products, Inc. (See Logan, Charles W., assignor.)
Marqua, Edward C., Kansas City, Mo. Bracket for concrete-floor forms. 1,622,528; Mar. 29.
Marquardt, Frederick C., Milwaukee, Wis. Crib latch. 1,622,387; Mar. 29.
Marrazzo, Domenico, Brooklyn, N. Y. Inner tire valve. 1,622,332; Mar. 29.
Marshall, Charles O., Toledo, Ohio. Propeller. 1,622,835; Mar. 29.
Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Hinge support. 1,622,598; Mar. 29.
Martin, Harold, Portsmouth, England. Fluid pressure-operated means for indicating the quantity and specific gravity of the liquid contents of tanks. 1,622,794; Mar. 29.
Masury, Alfred F., and C. Froesch, assignors to International Motor Company, New York, N. Y. Air-cooled engine. 1,622,388; Mar. 29.
Mathieson Alkali Works, The. (See Parker, Harrison O., assignor.)
Mayer, Josef, Karlsbad, Czechoslovakia. Hair-waving appliance and method. 1,622,957; Mar. 29.
McBride, C. L., Mfg. Company, The. (See McBride, Charles L., jr., assignor.)
McBride, Charles L., jr., assignor to The C. L. McBride Mfg. Company, Toledo, Ohio. Gloves. 1,623,019; Mar. 29.
McBurney, Wilbur G., Altoona, Pa. Bottle stopper. 1,622,638; Mar. 29.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic controlling apparatus. 1,622,460; Mar. 29.
McCarroll, William J., Melrose Park, assignor to The Baldwin Locomotive Works, Philadelphia, Pa. Locomotive. 1,622,917; Mar. 29.
McCarthy, Louis, assignor to The Macallen Company, Boston, Mass. Apparatus for forming composite mica sheets. 1,622,795; Mar. 29.
McCarthy, Louis, assignor to The Macallen Company, Boston, Mass. Forming composite mica sheets. 1,622,796; Mar. 29.
McCloskey, Fred, Vallejo, Calif. Oil burner. 1,622,797; Mar. 29.
McCullough, Paul J., assignor, by mesne assignments, to Scullin Steel Co., St. Louis, Mo. Journal-box-securing means. 1,622,599; Mar. 29.
McCune, Joseph C. (See Farmer, C. C., and McCune.)
McGann, William D., Ravinia, and J. G. McGreevy, Chicago, assignors to Ontario Company, Chicago, Ill. Mailing device. 1,622,824; Mar. 29.
McGreevy, James G. (See McGann, W. D., and McGreevy.)
McHugh, Marion L., Wichita, Kans. Tent-pole shackle ring. 1,622,600; Mar. 29.
McIntosh, Robert L., Indiana Harbor, Ind., and G. Fox; said Fox assignor to Freyn Engineering Company, and said McIntosh assignor to Inland Steel Company, Chicago, Ill. Method and apparatus for heating rolls. 1,622,286; Mar. 29.
McKee, Arthur G., Cleveland, Ohio. Distributor-driving mechanism for blast-furnace stacks. 1,622,461; Mar. 29.
McLean, Clarence G., Winchester, Mass. Reflecting indicator. 1,622,958; Mar. 29.
McManamay, Charles A., Beckley, W. Va. Strip. 1,622,959; Mar. 29.
McMann, Margaret H., New York, N. Y. Amusement device. 1,622,877; Mar. 29.
McManus, Joseph H., Power, Mont. Folding bed for automobiles. 1,622,462; Mar. 29.
McMiller, Benjamin G., Kansas City, Mo. Metallic coffin case. 1,622,529; Mar. 29.
McWhirter, John S. (See Farmer, C. C., and McWhirter.)
Medén, Elof H., Short Hills, assignor to American Gas-accumulator Company, Elizabeth, N. J. Combined signaling and advertising device. 1,622,730; Mar. 29.
Mergott, J. E., Co. (See Hlering, William C., assignor.)
Meriam Company. (See Price, H. W., and Meriam, assignors.)
Meriam, Joseph B. (See Price, H. W., and Meriam.)
Merlis, Ira, assignor to Kelvin Engineering Co., Inc., New York, N. Y. Evaporator. 1,622,918; Mar. 29.
Meschenmoser, Julia J., executrix. (See Meschenmoser, William F.)
Meschenmoser, William F., deceased, New Dorp; J. Meschenmoser, executrix; said William F. Meschenmoser assignor to Russell & Stoll Company, New York, N. Y. Casing for electrical fittings. 1,622,333; Mar. 29.

Meserole, Milton D., assignor to The Hayes-Meserole Manufacturing Co., Inc., Milford, Conn. Hair curler. 1,622,660; Mar. 29.
Metal Package Corporation of New York. (See Anthony, Charles A., assignor.)
Mettler, Margaret C., née Cabezola, et al., executrices. (See Cabezola, Eusebio F.)
Metzger, Benjamin L., Toledo, Ohio. Automobile cigar and cigarette lighter. 1,622,334; Mar. 29.
Meyer, Charles E., Johannesburg, Transvaal, South Africa. Treatment of zinc gold slimes and apparatus therefor. 1,622,960; Mar. 29.
Meyer, John H., Unadilla, Nebr. Storage-battery-plate separator. 1,622,961; Mar. 29.
Michigan Stamping Company. (See Jolstad, Trygve, assignor.)
Michod, Charles L., Chicago, Ill. Building construction. 1,622,962; Mar. 29.
Micon, David, Benton Harbor, Mich. Mattress-beating machine. 1,622,287; Mar. 29.
Mielke, William A., Bancroft, Nebr. Tire spreader. 1,622,661; Mar. 29.
Miessner, Benjamin F., Chicago, Ill. Radio communication device. 1,622,389; Mar. 29.
Miller, James C., De Pere, Wis. Oil burner. 1,622,963; Mar. 29.
Miller, Arthur E., Sacramento, Calif. Automatically-variable crank motion. 1,622,919; Mar. 29.
Miller, Otto, Cincinnati, Ohio. Brake-lever-releasing device. 1,622,530; Mar. 29.
Miller, Thomas W., Ashland, Ohio. Golf ball and making the same. 1,622,601; Mar. 29.
Miller, Walter E., assignor to Slimo Chemical Company, Inc., Vineland, N. J. Producing fish-oil powder. 1,622,390; Mar. 29.
Mitchell, George F., Washington, D. C. Radio receiver attachment for telephones. 1,622,335; Mar. 29.
Mohr, George A., Detroit, Mich. Testing device for cored castings. 1,622,602; Mar. 29.
Moline Implement Company. (See Seaholm, John P., assignor.)
Molybdenum Corporation of America. (See Weitzenkorn, Joseph W., assignor.)
Monogram Lens Corporation. (See Arbuckle, Samuel F., assignor.)
Moody, Walter S., Pittsfield, Mass., assignor to General Electric Company. Electrical apparatus. 1,622,531; Mar. 29.
Moon, John W., assignor to Fretz-Moon Tube Company, Butler, Pa. Apparatus for manufacturing continuous tubing from separate reels of skelp. 1,622,336; Mar. 29.
Morey, Frank A. (See Poeton, L., and Morey.)
Morgan, John S., assignor to Thermal Industrial and Chemical (T. I. C.) Research Company Limited, London, England. Distillation. 1,622,964; Mar. 29.
Morgan & Wright. (See Selberling, George W., assignor.)
Morgenstern & Brosseau, Inc. (See Borfuss, Maurice, assignor.)
Morse, Frank W., San Fernando, Calif. Quick-releasing key holder. 1,622,532; Mar. 29.
Moses, Abram, Baltimore, Md. Draft-actuated circulating pump and indicator. 1,622,662; Mar. 29.
Mosler Safe Company, The. (See Goldsmith, G. M., and Bartels, assignors.)
Motobile Products Company, The. (See Peterson, Elmer C., assignor.)
Motor Player Corporation, The. (See Hanson, Clinton H., assignor.)
Mougin, Velerie J., Springfield, Mass. Hair-waving device. 1,622,798; Mar. 29.
Muckenfuss, Anthony M., Woodbridge, N. J., assignor to The Roessler & Hasslacher Chemical Co., New York, N. Y. Producing aqueous solutions of free cyanamid. 1,622,731; Mar. 22.
Muhlfeld, John E., Scarsdale, N. Y. Baffle wall. 1,622,288; Mar. 29.
Muinch, Ida M., Rock Port, Mo. Jelly strainer. 1,622,800; Mar. 29.
Mulholland, Vergil, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for annealing glassware. 1,622,663; Mar. 29.
Mummert, Harvey C., Hammondsport, N. Y., assignor to Aerial Service Corporation. Aeroplane landing gear. 1,622,799; Mar. 29.
Murdock, Edwin F., New York, N. Y. Wire-strap fastener. 1,622,878; Mar. 29.
Murch, John H., Portland, Oreg., assignor to American Can Company, New York, N. Y. Preparing interiorly-coated containers. 1,622,533; Mar. 29.
Murphy, G. W. J., Company. (See Bourque, David, assignor.)
Murphy, Pierce T., New Orleans, La. Funnel. 1,622,801; Mar. 29.
Murrill, Paul I., Plainfield, N. J., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y. Organic selenium compound and making the same. 1,622,534; Mar. 29.
Murrill, Paul I., Plainfield, N. J., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y. Vulcanization process and product. 1,622,535; Mar. 29.
Murrill, Paul I., Plainfield, N. J., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y. Vulcanization process and product. 1,622,536; Mar. 29.
Murray, Thomas E. and T. E., jr., Brooklyn, N. Y. Hollow structure and making the same. 1,622,664; Mar. 29.
Murray, Thomas E., jr. (See Murray, Thomas E. and T. E., jr.)
Myers, John, Oroville, Calif. Parking device for motor vehicles. 1,622,802; Mar. 29.
Mylius, Walter G. (See Bradshaw, W. M., and Mylius.)
N. D. Q. Specialty Corporation. (See Knorpp, Philip J., assignor.)
Napier, D., & Son Limited. (See Napier, M. S., and Wilkinson, assignors.)
Napier, Montague S., Cannes, France, and G. S. Wilkinson, assignors to D. Napier & Son Limited, London, England. Cylinder for internal-combustion engines. 1,622,965; Mar. 29.
Naske, Carl, Berlin-Charlottenburg, Germany. Kiln for the burning of cement. 1,622,337; Mar. 29.
National Card Mounting Company. (See List, Frank X., assignor.)
National Cash Register Company, The. (See Klosterman, Joseph J., assignor.)
National Pneumatic Company. (See Quinn, James L., assignor.)
National Refrigerating Company. (See Keyes, Frederick G., assignor.)
National Refrigerating Company. (See Johnson, Philip M., assignor.)
National Supply Company, The. (See Mahan, Joseph R., assignor.)
Nellson, Albert H., Tulsa, Okla. Sucker-rod elevator. 1,622,537; Mar. 29.
Nelson, Charles S., assignor of one-half to Malvern L. Bruce, Sandpoint, Idaho. Puncturing machine. 1,622,538; Mar. 29.
Nelson, John H., Chicago, Ill., assignor to H. A. Douglas, Bronson, Mich. Locking mechanism. 1,622,732; Mar. 29.
Nelson, Joseph H. (See Tweedale, E., and Nelson.)
Nelson, Lewen R., Peoria, Ill. Nozzle. 1,622,733; Mar. 29.
Nelson, Nels J., Milwaukee, Wis., assignor to The Herschede Hall Clock Company, Cincinnati, Ohio. Clock case. Des. 72,327; Mar 29.
Nelson, Victor B., Rockford, Ill. Starting device for internal-combustion engines. 1,622,289; Mar. 29.
Newhaus, Claus R., Benson, Nebr. Snowplow. 1,622,338; Mar. 29.
Nicholson, Stanley W., assignor to The Dura Company, Toledo, Ohio. Mounting for window-control mechanism. 1,622,603; Mar. 29.
Nitardy, Ferdinand W., K. A. Bartlett, and F. F. Berg, Brooklyn, assignors to E. R. Squibb and Sons, New York, N. Y. Dentifrice. 1,622,391; Mar. 29.
Nix, George E., Phil Campbell, Ala. Cultivator fender. 1,622,665; Mar. 29.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Coffeepot or analogous article. Des. 72,328; Mar. 29.
Noelting, Clarence B. (See Noelting, W. H., Smithfield, and Noelting.)
Noelting, William H., Evansville, Ind., and A. I. Brokaw, Cincinnati, Ohio, assignors to Faultless Caster Company, Evansville, Ind. Furniture trim and keeper. 1,622,735; Mar. 29.
Noelting, William H., E. A. Smithfield, and C. B. Noelting, assignors to Faultless Caster Company, Evansville, Ind. Top bearing caster. 1,622,734; Mar. 29.
Nolde and Horst Company, The. (See Gosch, William H., assignor.)
Noonan, William J., Mansfield, Mass. Electrical heating and cooling apparatus. 1,622,803; Mar. 29.
Nordenfelt, Per, and E. Grenstedt, assignors to Aktiebolaget Formator, Stockholm, Sweden. Machine for making cigar rolls. 1,622,966; Mar. 29.
Nordgran, James C., Los Angeles, Calif. Casing for a direction signal and stoplight. Des. 72,329; Mar. 29.
Nordskog, Severin B., Marshalltown, Iowa. Refrigerator. 1,622,920; Mar. 29.
Norris, Charles B., Grand Rapids, Mich., assignor to Haskelite Manufacturing Corporation. Machine for cutting grooves in flat panels. 1,623,020; Mar. 29.
Norstrom, Reidar M. (See Geare, R. E. S., and Norstrom.)
Nya Nordiska Kullager Aktiebolaget. (See Weibull, Ernst H. W., assignor.)
Nyman, Alexander, assignor to Dubilier Condenser Corporation, New York, N. Y. Beryllium filament. 1,622,604; Mar. 29.
Oakley, Theophield D., Chicago, Ill., assignor, by mesne assignments, to Defiance Sales Corporation, New York, N. Y. Pad rest. 1,622,290; Mar. 29.
Oberg, Knut H., Nelson, British Columbia, Canada. Combination lock. 1,622,605; Mar. 29.
O'Haver, Helen A., Topsham, Me. Cup measure. 1,622,967; Mar. 29.
Old National Bank of Battle Creek, The, administrator. (See Schellenberger, Charles G.)
O'Leary, Mathew J., Chickasha, Okla. Valve gear. 1,622,464; Mar. 29.
Ontario Company. (See McGann, W. D., and McGreevy, assignors.)
Oppenhauser, Christopher, Philadelphia, Pa. Drier. 1,622,921; Mar. 29.
Orthman, Herman E., Lexington, Nebr. Cultivator. 1,622,968; Mar. 29.

Otis, Spencer, assignor to The Locomotive Terminal Improvement Company, Chicago, Ill. Apparatus for changing the water in boilers. 1,622,339; Mar. 29.
Paeplow, Charles H., Buffalo, N. Y. Curing rubber hose and the like. 1,622,340; Mar. 29.
Page, Robert W., Glen Ridge, N. J. Covering of plastic material and making the same. 1,622,969; Mar. 29.
Palacios, José, New York, N. Y. Sliding lock. 1,622,804; Mar. 29.
Palmer, Arthur G., Dover Plains, N. Y. Paper novelty article. 1,622,606; Mar. 29.
Pancotti, Roberto, Brooklyn, N. Y. Accordion. Des. 72,337; Mar. 29.
Pape, Wilhelm, assignor to Bergmann-Elektricitäts-Werke Aktiengesellschaft, Berlin, Germany. Steam turbine. 1,622,805; Mar. 29.
Papke, William, Cincinnati, Ohio. Hand press. 1,622,806; Mar. 29.
Paraffine Companies, The. (See Evans, Charles S., assignor.)
Paraffine Companies, The. (See Finley, Dozier, assignor.)
Paramount Textile Machinery Co. (See Beucus, Abraham J., assignor.)
Parker, Harrison O., Tulsa, Okla., assignor to The Mathieson Alkali Works, New York, N. Y. Refining oils. 1,622,879; Mar. 29.
Parsons, Ben G., Detroit, Mich., assignor to The Bendix Brake Company. Brake. 1,622,465; Mar. 29.
Parsons, Walter O. (See Weimer, A. W., and Smith, assignors.)
Patterson, Carl, Albuquerque, N. Mex. Handsaw. 1,622,466; Mar. 29.
Patterson, Martin L., Bogota, N. J., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Searchlight truck. 1,622,392; Mar. 29.
Pauly Jail Building Company. (See Tracy, Michael J., assignor.)
Payne, Rosco, Macedonia, Ill. Road-bed-building machine. 1,622,970; Mar. 29.
Peace, Thomas J., Nevada, Mo. Heating apparatus. 1,622,807; Mar. 29.
Pearce, James W., assignor to Goodman Manufacturing Company, Chicago, Ill. System for mining. 1,622,837; Mar. 29.
Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for feeding molten glass. 1,622,666; Mar. 29.
Penney, Frank H., Scotia, N. Y., assignor to General Electric Company. Protective system. 1,622,539; Mar. 29.
Penniman, William B. D. (See Shackelford, E. J., Penniman, and Cain.)
Pennsylvania Pump & Compressor Company. (See Raymond, Ward, assignor.)
Peoples Investment Company. (See Peterson, Frank O., assignor.)
Perkins, Hiram A., assignor to American Woodworking Machinery Company, Rochester, N. Y. Radial bearing. 1,622,880; Mar. 29.
Peter, William J., New York, N. Y. Pressure control for hydraulic oil storing and delivering systems. 1,622,881; Mar. 29.
Peter, William J., New York, N. Y. Pressure control for hydraulic oil storing and delivering systems. 1,622,882; Mar. 29.
Peters, Fritz. (See Wolman, K. H., Peters, and Pflug.)
Peters, John F., Rochester, assignor to American Can Company, New York, N. Y. Machine for curling the flanges of can ends. 1,622,540; Mar. 29.
Petersen, Hans, deceased; S. C. Petersen, executrix, assignor to The Linograph Company, Davenport, Iowa. Typographical machine. 1,622,291; Mar. 29.
Petersen, Stella C., executrix. (See Petersen, Hans.)
Peterson, Burt A., assignor to Barber-Coleman Company, Rockford, Ill. Winder. 1,622,607; Mar. 29.
Peterson, Elmer C., assignor, by mesne assignments, to The Motobile Products Company, Cleveland, Ohio. Vehicle lock. 1,622,839; Mar. 29.
Peterson, Frank O., assignor, by mesne assignments, to Peoples Investment Company. Burglarproof lock. 1,622,608; Mar. 29.
Peterson, John A., and F. A. Treffer, Morrill, Kans. Insect destroyer. 1,622,922; Mar. 29.
Pettengill, Ralph H., Haverhill, Mass. Guard for wood-heel-turning machines. 1,622,838; Mar. 29.
Pflug, Hans. (See, Wolman, K. H., Peters, and Pflug.)
Phalin, Thomas C., Connellsville, Pa. Combination bumper and fender. 1,622,667; Mar. 29.
Phonograph Company, The. (See Seabolt, Frank J., assignor.)
Pichard, Charles, and E., Paris, France. Mercuryless hair-secreting process for felt making. 1,622,883; Mar. 29.
Pichard, Emile. (See Pichard, Charles, and E.)
Pilkington Brothers Limited. (See Waldron, Frederic B., assignor.)
Pipenhagen, Charles A., Chicago, Ill. Weather strip. 1,622,393; Mar. 29.
Pittsburgh Plate Glass Company. (See Hitchcock, Halbert K., assignor.)
Pittsburgh Plate Glass Company. (See Rotheram, J., and Evans, assignors.)
Pittsburgh Tinware Manufacturing Company. (See Flowers, Stanley A., assignor.)
Platt, Maitland S., Toronto, Ontario, Canada. Combined air nozzle and gauge. 1,622,341; Mar. 29.
Poeton, Lawrence, and F. A. Morey, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,622,668; Mar. 29.
Pollak, Joseph, Tool and Stamping Company. (See Averill, William H., assignor.)
Polliftrone, Frank, Brooklyn, N. Y. Lawn mower. 1,622,923; Mar. 29.
Pomfret, John, sr., Paterson, N. J. Steam boiler. 1,622,736; Mar. 29.
Popp, George. (See Popp, John, and G.)
Popp, John, and G., Buffalo, N. Y. Water pump. 1,622,840; Mar. 29.
Porter, George N., Oilton, Okla. Safety hook. 1,622,971; Mar. 29.
Porter, Homer O., Denoya, Okla. Gas burner. 1,622,972; Mar. 29.
Powell, A. L., Power Company, The. (See Powell, Alvah L., assignor.)
Powell, Alvah L., Miles City, Mont., assignor to The A. L. Powell Power Company, Incorporated. Mechanical movement. 1,622,841; Mar. 29.
Powell, Alvah L., Miles City, Mont., assignor to A. L. Powell Power Company, Incorporated. Mechanical movement of the planetary gear type. 1,622,842; Mar. 29.
Power Specialty Company. (See Wyld, R. H., and Keenan, assignors.)
Prather, George W., Santa Cruz, Calif. Device for testing knuckle pin casters. 1,622,342; Mar. 29.
Pratt & Whitney Company. (See Durkee, Henry E., assignor.)
Pratt & Whitney Company. (See Schramm, Carl, assignor.)
Pratt & Whitney Company. (See Wilder, Arthur L., assignor.)
Price, Howard W., Swartz, La., and J. B. Meriam, assignors to Meriam Company, Cleveland, Ohio. Primary gauge stabilizer. 1,622,843; Mar. 29.
Price, William G., Yakima, Wash. Packing press. 1,622,669; Mar. 29.
Probst, Albert E., et al. (See Franke, George O., assignor.)
Procter & Gamble Company, The. (See Richardson, A. S., and Conley, assignors.)
"Prodor" Fabrique de Produits Oraniques S. A. (See Levy, Marcel, assignor.)
Progressive Shoe Machinery Company. (See Havir, Andrew H., assignor.)
Purecold Products of America, Inc. (See Burns, J. G., and Davis, assignors.)
Pyzel, Daniel, Piedmont, assignor to Simplex Refining Company, San Francisco, Calif. Separating hydrocarbon fractions. 1,622,737; Mar. 29.
Quinn, James J., Mimico, Ontario, Canada. Meat slicer. 1,622,609; Mar. 29.
Quinn, James L., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Door-operating mechanism. 1,622,394; Mar. 29.
Radiac Metals, Ltd. (See Shackelford, E. J., Penniman, and Cain, assignors.)
Radio Corporation of America. (See Smith, Sidney B., assignor.)
Raley, Otis, and G. Apperson, Paragould, Ark. Switch. 1,622,541; Mar. 29.
Rand, James H., jr., assignor to Rand Kardex Bureau, Inc., Tonawanda, N. Y. Card-index device. 1,622,670; Mar. 29.
Rand Kardex Bureau, Inc. (See Rand, James H., jr., assignor.)
Rather, James B., Brooklyn, and F. S. Shepard, New Rochelle, assignors to Standard Oil Company of New York, New York, N. Y. Reactivating desulphurizing agents for hydrocarbon oils. 1,622,671; Mar. 29.
Ray, Albert D., Cleveland, Ohio. Aeroplane. 1,622,844; Mar. 29.
Raymond, Ward, assignor to Pennsylvania Pump & Compressor Company, Easton, Pa. Magnetically-controlled fluid valve. 1,622,672; Mar. 29.
Raynor, Harold H., assignor to Les Parfums de Rosine, Inc., New York, N. Y. Box or similar container for toilet preparations. Des. 72,330; Mar. 29.
Redlon, Osgood M., Bath, Me. Boiler stand. 1,622,884; Mar. 29.
Reilley, Charles H., Salt Lake City, Utah. Gaming apparatus. 1,622,673; Mar. 29.
Reimers, Louis, and N. Erickson, Dalton, Nebr. Harrow tooth. 1,622,343; Mar. 29.
Reiss, Frank A., Medimont, Idaho. Handle for shipping baskets. 1,622,674; Mar. 29.
Remington Noiseless Typewriter Corporation. (See Going, George G., assignor.)
Remington Typewriter Company. (See Barney, Edwin E., assignor.)
Reno, Leo, Flint, Mich. Lathe. 1,622,292; Mar. 29.
Renshaw, Bartholomew, Glenbrook, Conn. Weaving narrow width ware and machine for carrying out such method. 1,622,542; Mar. 29.
Retzlaff, John, Omaha, Nebr. Window fastener. 1,622,808; Mar. 29.
Rex Manufacturing Company. (See Benjamin, John P., assignor.)
Rex Manufacturing Company. (See Hull, Matthew R., assignor.)

Reynolds, John, assignor to Butler Mill, New Bedford, Mass. Pattern mechanism for dobbies. 1,622,344; Mar. 29.
Reynolds, John, assignor to Butler Mill, New Bedford, Mass. Pattern mechanism for dobbies. 1,622,345; Mar. 29.
Rhinelander, Harry W., Palembang, Sumatra, East Indies. Oil-well jack. 1,622,467; Mar. 29.
Rhoads, Jesse B., La Jolla, Calif. Making ornamental candles. 1,622,347; Mar. 29.
Ricardo, Harry R., London, England. Internal-combustion engine. 1,622,885; Mar. 29.
Richard, William E., Evansville, Ind. Headlight. 1,622,395; Mar. 29.
Richards, Samuel F., Pittsburgh, Pa. Thermostatic damper control. 1,622,973; Mar. 29.
Richardson, Albert S., and C. V. Conley, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Decomposing fats or oils into fatty acids and glycerin. 1,622,974; Mar. 29.
Richardson, Walter, Bay City, Mich. Automatic fire lighter. 1,622,738; Mar. 29.
Richie, James K., Butler, Pa. Postal scale. 1,622,924; Mar. 29.
Rippey, Hugh F. (See Davidson, G., Rippey, Cone, Laucks, and Banks.)
Ritter, John C., Portland, Oreg. Cream scoop. 1,622,848; Mar. 29.
Robertson, Robert A., Rocksprings, Tex. Water motor. 1,622,610; Mar. 29.
Rodger Ballast Car Company. (See Hindahl, David, assignor.)
Rodman, Clarence J., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Insulating liquid. 1,622,809; Mar. 29.
Roedding, Gordon E. (See Doerr, F. H., and Roedding.)
Roedding, Gordon E., Grand Rapids, Mich. Wall pocket or similar article. Des. 72,331; Mar. 29.
Roessler & Hasslacher Chemical Co., The. (See Muckenfuss, Anthony M., assignor.)
Rosenblum, Harry, and M. Schneider, New York, N. Y. Stair plate. 1,622,739; Mar. 29.
Ross, Albert S., Dallas, Tex. Amusement device. 1,622,845; Mar. 29.
Ross, Walter E., Hibbs, Pa. Photographic camera. 1,622,925; Mar. 29.
Roth, G. A., Manufacturing Company. (See Cleland, Melvin L., assignor.)
Rotheram, John, Creighton, and A. E. Evans, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Glass-tank construction. 1,622,346; Mar. 29.
Routson, John H., Flint, Mich. Stapling device. 1,622,293; Mar. 29.
Royal Metal Lighting Fixture Co. (See Cricchio, Paul, assignor.)
Rozič, Joseph, Palmerton, Pa. Cooking kettle. 1,622,975; Mar. 29.
Rubsam, Charles F., assignor to Rubsam Corporation, Jackson, Mich. Vehicle wheel. 1,622,846; Mar. 29.
Rubsam Corporation. (See Rubsam, Charles F., assignor.)
Rudqvist, Carl A., Kunkaangen, assignor to J. & C. G. Bolinders Mek. Verkstadts Aktiebolag, Stockholm, Sweden. Spark-plug valve for internal-combustion motors. 1,623,349; Mar. 29.
Rundgren, John, and C. A. Billietdoux, Philadelphia, Pa. Drafting table. 1,622,847; Mar. 29.
Ruprecht, Louis, Montclair, N. J., and A. G. Kollstede, New York, N. Y. Method of and machine for grinding. 1,622,849; Mar. 29.
Rush, Frank E., Detroit, Mich. Vehicle tire. 1,622,848; Mar. 29.
Russell & Stoll Company. (See Meschenmoser, William F., assignor.)
Ruths, Johannes, Djursholm, assignor to Aktiebolaget Vaporackumulator, Stockholm, Sweden. Steam plant. 1,622,675; Mar. 29.
Rynders, George W., Carpentersville, Ill. Washing machine. 1,622,543; Mar. 29.
Sabel, John C., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Binocular microscope. 1,622,350; Mar. 29.
Safberg, Bror F. F. (See Hiller, N. H., and Safberg.)
Safety Car Heating & Lighting Company, The. (See Hulse, George E., assignor.)
Safety Concrete Incinerator Co. Inc. (See Felgenbaum, Joseph, assignor.)
Sage, M. Jay, et al. (See Hawxhurst, John J., assignor.)
Salmon, Barbar M., Severna Park, Md. Frying-pan cover. 1,622,351; Mar. 29.
Santa Barbara Lumber Company. (See Cummings, Earle W., assignor.)
Sartini, Achille, New York, N. Y. Flying machine. 1,622,676; Mar. 29.
Sauer, Theodor, Co. (See Sauer, Walter P., assignor.)
Sauer, Walter P., Forest Hills, assignor to Theodor Sauer Co., Inc., New York, N. Y. Extension table. 1,622,544; Mar. 29.
Saulnier, Joseph, New Bedford, Mass. Mixing machine. 1,622,294; Mar. 29.
Schacht, William F., Huntington, Ind. Combined sink stopple and soap dish. 1,622,850; Mar. 29.
Schaeffer, Elmer H., and D. Apfel, Reading, Pa. Tire spreader. 1,622,468; Mar 29.
Schaeffer, Francis, Mohnton, Pa. Hat-felting machine. 1,622,295; Mar. 29.
Scharffe, Carl A., Hamburg, Germany. Liquid dispensing apparatus. 1,622,810; Mar. 29.
Schatz, Ernest R., Racine, Wis. Air-inlet device for manifolds. 1,622,811; Mar. 29.
Schellenberger, Charles G., deceased; The Old National Bank of Battle Creek, administrator, Battle Creek, Mich. Themostatic signal. 1,622,545; Mar. 29.
Schenck, Alexander T., Seattle, Wash. Producing a porous cementitious article. 1,622,396; Mar. 29.
Schenck, Samuel B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,622,677; Mar. 29.
Schierholtz, Henry A., assignor to Western Clock Company, La Salle, Ill. Clock case. Des. 72,332; Mar. 29.
Schlaich, Herman, Long Island City, N. Y. Tubing. 1,622,397; Mar. 29.
Schlatter, Rudolph, assignor to Busch-Sulzer Bros.-Diesel Engine Co. St. Louis, Mo. Internal-combustion engine. 1,622,398; Mar. 29.
Schlesinger, Georg, Berlin-Charlottenburg, Germany. Bobbin bin and shelf therefor. 1,622,399; Mar. 29.
Schmidt, Willy. (See Thiel, A., and Schmidt.)
Schmitt, Henry J., and J. Little, Omaha, Nebr. Automobile lifting jack. 1,622,352; Mar. 29.
Schneider, Heinrich, Lenzburg, Switzerland. Doffing mechanism for spinning, twisting, and like machines. 1,622,812; Mar. 29.
Schneider, Murray. (See Rosenblum, H., and Schneider.)
Schneider, Rudolph, assignor to Busch Sulzer Bros.-Diesel Engine Co. St. Louis, Mo. Cylinder and head construction. 1,622,813; Mar. 29.
Schoel, Louis. (See Heath, K. L., and Schoel.)
Schramm, Carl, West Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Centering machine. 1,622,678; Mar. 29.
Schultz, J. W. (See Springfield, W. E., and Frazier, assignors.)
Schulz, Albert E., assignor to Dexdale Hosiery Mills, Lansdale, Pa. Knitting machine. 1,622,976; Mar. 29.
Schutte & Koerting Company. (See Geare, R. E. S., and Norstrom, assignors.)
Schwab, Jack, New York, N. Y. Buffet scarf. Des. 72,333; Mar. 29.
Schwarz, Carl, Charlottenburg, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company. Arrangement of connections for sending and receiving electric waves. 1,622,679; Mar. 29.
Scott, Archie W., Geneva, Ohio. Door catch. 1,622,926; Mar. 29.
Scott, Walter A., Minneapolis, Minn. Sound deadener. 1,622,469; Mar. 29.
Scullin Steel Co. (See McCullough, Paul J., assignor.)
Seabolt, Frank J., Schenectady, N. Y., assignor to The Phonograph Company. Phonograph. 1,622,814; Mar. 29.
Seaholm, John P., Moline, Ill., assignor, by mesne assignments, to Moline Implement Company. Seat-guide cultivator. 1,622,740; Mar. 29.
Seeger, Adolph M., Toledo, Ohio. Cable carrier. 1,622,741; Mar. 29.
Selden, Justice L., et al. (See Amato, Luciano, assignor.)
Sellers, G. I., & Sons Company. (See Cornwell, W., and Manhoney, assignors.)
Semke, John A. (See Kelso, Nyla Q., assignor.)
Sera, Ryumatsu, Glendale, Calif. Lawn mower. 1,622,611; Mar. 29.
Serpa, Manuel S., Rodeo, Calif. Window-screen hanger. 1,622,927; Mar. 29.
Shackelford, Ezekiel J., W. B. D. Penniman, Baltimore, Md., and J. R. Cain, Washington, D. C., assignors to Radiac Metals, Ltd., Masterton, New Zealand. Alloy. 1,622,977; Mar. 29.
Shakespeare, Valentine E., West New Brighton, N. Y. Transmission case. 1,622,978; Mar. 29.
Shapiro, David H., Montreal, Quebec, Canada. Composition used for marking on cloth and the like. 1,622,353; Mar. 29.
Sharp, John E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure seal. 1,622,547; Mar. 29.
Shaub, Louis, and O. I. Farrington, Salem, Mass. Locking device for pulleys. 1,622,680; Mar. 29.
Shelly, National B., Wadsworth, Ohio. Door hanger and track structure. 1,622,400; Mar. 29.
Shepard, Frederick S. (See Rather, J. B., and Shepard.)
Sherwood, George A. (See Warburton, H., and Sherwood.)
Shipley, Caleb W., and R. B. Jones, assignors to The Trailmobile Company, Cincinnati, Ohio. Hitch for semitrailers. 1,622,470; Mar. 29.
Shipman, Emma. (See Shipman, John D., assignor.)
Shipman, John D., assignor, by mesne assignments, to E. Shipman, San Angelo, Tex. Window-sash latch. 1,622,742; Mar. 29.
Shostrom, Oscar E., Seattle, Wash. Window lock. 1,622,979; Mar. 29.
Shot-Lite Corporation of America. (See Freund, Robert R., assignor.)
Sicks, Okla W., French Lick, Ind. Paper weight. Des. 72,334; Mar. 29.

Sieberling, George W., Detroit, Mich., assignor to Morgan & Wright, Detroit, Mich. Splicing solid-tire stocks. 1,622,546; Mar. 29.
Siegel, Maude, assignor to Franklin Simon & Co., Inc., New York, N. Y. Cont. Des. 72,335; Mar. 29.
Sifkovitz, George, Detroit, Mich. Metal-working machine. 1,622,401; Mar. 29.
Signal Gesellschaft mit beschränkter Haftung. (See Habnemann, W., Hecht, Lichte, and Adelmann, assignors.)
Silberman, David, New York, N. Y. Hook and eye tape. 1,622,743; Mar. 29.
Siller, Lenhart G., Sacramento, Calif. Closure mounting and operating means. 1,622,886; Mar. 29.
Silmo Chemical Company. (See Miller, Walter E., assignor.)
Simmons, Albert H., Wheaton, assignor to Edison Electric Appliance Company, Incorporated, Chicago, Ill. Electric-heater base or similar article. Des. 72,336; Mar. 29.
Simmons Company. (See Gail, John F., assignor.)
Simplex Refining Company. (See Pyzel, Daniel, assignor.)
Singer Manufacturing Company, The. (See Becker, Rudolph, assignor.)
Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)
Skitt, James H., assignor to Smith, Drum & Company, Philadelphia, Pa. Paddle for dyeing machines. 1,622,928; Mar. 29.
Slade, Edward, New York, N. Y. Brake. 1,622,681; Mar. 29.
Smaltz, John C., Short Hills, N. J. Winch. 1,623,021; Mar. 29.
Smidth, F. L., & Co. (See Fasting, Johan S., assignor.)
Smith, Albert A. (See Gurnee, I. Q., and Smith.)
Smith, B. H. (See Sparkes, Harry P., assignor.)
Smith, Drum & Company. (See Skitt, James H., assignor.)
Smith, Irving R., Wauwatosa, Wis. Wheelbarrow. 1,622,354; Mar. 29.
Smith, Jacob. (See Weimer, A. W., and Smith.)
Smith, John, Brooklyn, N. Y. Dry cell or battery. 1,622,402; Mar. 29.
Smith, Sidney B., Chelmsford, England, assignor to Radio Corporation of America. Thermionic amplifier. 1,622,851; Mar. 29.
Smith, William, Yonkers, N. Y. Diagnostic analysis. 1,622,887; Mar. 29.
Smithfield, Emil A. (See Noelting, W. H., Smithfield, and Noelting.)
Smits, Theodorus, The Hague, Netherlands. Packing device for use with pistons and piston valves. 1,622,888; Mar. 29.
Smoots, Frank E. (See Callis, A. W., and Smoots.)
Society of Chemical Industry in Basle. (See Gubler, H., Stahel, and Straub, assignors.)
Sodastream Limited. (See Hucks, William, assignor.)
Sommer, Karl G., assignor to American Steam Pump Company, Battle Creek, Mich. Centrifugal vacuum pump. 1,622,355; Mar. 29.
Spalding, A. G., & Bros. (See Warner, Glenn S., assignor.)
Sparkes, Harry P., Pittsburgh, assignor of one-half to B. H. Smith, Swissvale, Pa. Controlling device. 1,622,815; Mar. 29.
Speer, Elmer E., Ballston, Va. Binding device for molds, etc. 1,622,889; Mar. 29.
Spence, Leroy E. (See Hogate, J. R., and Spence.)
Spencer, Robert M., Waycross, Ga. Fire box for boilers. 1,622,356; Mar. 29.
Spencer, William H., Bogota, N. J., assignor to I. P. Frink, Inc., New York, N. Y. Lighting fixture. 1,622,548; Mar. 29.
Sperry, Frank E., Batavia, Ill. Rotary pump. 1,622,816; Mar. 29.
Sperry Gyroscope Company, The. (See Patterson, Martin L., assignor.)
Sponsel, Charles W., Wethersfield, Conn. Paper clip. 1,622,682; Mar. 29.
Springfield, William E., Martins Ferry, Ohio, and B. W. Frazier, assignors of one-third to J. W. Schultze, Wheeling, W. Va. Tire-rim expanding and collapsing device. 1,622,540; Mar. 29.
Squibb, E. R., and Sons. (See Nitardy, F. W., Bartlett, and Berg, assignors.)
Stahel, Hermann. (See Gubler, H., Stahel, and Straub.)
Stamford Rubber Supply Company. (See Gillespie, William F., assignor.)
Stamos, Alexander N. (See Stamos, Harry N. and A. N., and Brown.)
Stamos, Harry N. and A. N., and T. W. Brown, Centerville, Iowa. Rail anchor. 1,622,613; Mar. 29.
Stamos, Harry N. and A. N., and T. W. Brown, Centerville, Iowa. End-post protector. 1,622,614; Mar. 29.
Stanbrough, William M., Newburgh, N. Y. Metallic layer for upper dentures. 1,622,683; Mar. 29.
Standard Conveyor Company. (See Beulke, G. W., and Wego, assignors.)
Standard Neckwear Company. (See Weinstein, Otto, assignor.)
Standard Oil Company of New York. (See Rather, J. B., and Shepard, assignors.)
Standard Oil Friction Burner Company. (See Hoag, Charles L., assignor.)
Standard Thermometer Company. (See Adair, Thomas D., jr., assignor.)
Staples, Elliot M., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Electrical transmitting system. 1,622,357; Mar. 29.
Stebbins, Albert H., Los Angeles, Calif. Concentrator deck. 1,622,471; Mar. 29.
Stedwell, George W., et al. (See Hawxhurst, John J., assignor.)
Stellner, William, Collingwood, Melbourne, Victoria, Australia. Propeller. 1,622,472; Mar. 29.
Sterling Blower Company, The, et al. See Christoph, George W., assignor.)
Stewart, James M. (See Cassels, Arnold V., assignor.)
Stiefel, Ralph C., Ellwood City, Pa. Tube-forming mill. 1,622,744; Mar. 29.
Stier, Eugene A., near Dayton, Ohio. Figure wheeled toy. 1,622,473; Mar. 29.
Stillwell, Albert G., Coscob, Conn. Producing fertilizer. 1,622,684; Mar. 29.
Stoltz, Benjamin, and D. A. Lillie, Montpelier, Ind. Apparatus for making packing cups. 1,622,685; Mar. 29.
Stone, Jacob M., assignor to L. F. Stone, Breckenridge, Tex. Dust cap. 1,622,358; Mar. 29.
Stone, Leonore, F. (See Stone, Jacob M., assignor.)
Straub, Fritz. (See Gubler, H., Stahel, and Straub.)
Sturgeon, Harold M., assignor of one-half to L. W. Hottel, Erie, Pa. Molding press apparatus. 1,623,022; Mar. 29.
Sumner, Arthur D. (See Wilson, R. O., and Sumner.)
Superior Hard Rubber Company. (See Gurnee, I. Q., and Smith, assignors.)
Sutherland, Bainbridge P., Del Norte, Colo. Potato feeder. 1,622,686; Mar. 29.
Sveen, Karl, Aas Landbrukshoiskole, Norway. Effecting agglomeration in paper pulp and other suspensions and mixtures. 1,622,474; Mar. 29.
Swartwout, Denton K., Cleveland, Ohio. Ventilating and heating system for motor vehicles. 1,622,359; Mar. 29.
Szabo, Joseph, and A. Ladane, New Castle, Pa. Automatic railway switch. 1,622,980; Mar. 29.
Szekely, Otto E., Moline, Ill. Internal-combustion engine. 1,622,687; Mar. 29.
Tanaka, Frank W., New York, N. Y. Amusement device. 1,622,981; Mar. 29.
Tannehill, Thomas T., Toronto, Ontario, Canada. Combined floor lamp and sound amplifier. Des. 72,322; Mar. 29.
Taylor Instrument Companies. (See Long, Herbert, assignor.)
Teller, Louis J., Providence, R. I. Ophthalmic mounting. 1,622,615; Mar. 29.
Temple, Olives, Dyersburg, Tenn. Device for applying ointment to the gums. 1,622,616; Mar. 29.
Testi, Nicholas, New York, assignor to Intertype Corporation, Brooklyn, N. Y. Typographical machine. 1,622,982; Mar. 29.
Thaidigsman, John H. (See Wismer, S. H., and Thaidigsman.)
Thermal Industrial and Chemical (T. I. C.) Research Company Limited. (See Morgan, John S., assignor.)
Thiel, Anton, and W. Schmidt, Bremen, Germany. Apparatus for measuring limbs. 1,622,890; Mar. 29.
Thomas, Durward D., Beckwith, Calif. Swage and raker gauge. 1,622,745; Mar. 29.
Thomas, Horace T., Lansing, Mich. Transmission brake. 1,622,475; Mar. 29.
Thomas, Thomas H. (See Farmer, C. C., and Thomas.)
Thornton, Frederick, Huntington, W. Va. Trolley wheel. 1,622,296; Mar. 29.
Thurman, Tandy B., Kansas City, Mo., assignor to The Artcraft Company. Hinge. 1,622,617; Mar. 29.
Tillman, Ferdinand J., assignor to Yard-O-Meter Corporation, St. Louis, Mo. Measuring and computing machine. 1,622,360; Mar. 29.
Tinius Olsen Testing Machine Company. (See Lewis, Robert D., assignor.)
Todd, Albert E., Seattle, Wash. Folding ironing board. 1,622,403; Mar. 29.
Todd, Albert E., Seattle, Wash. Folding ironing board. 1,622,404; Mar. 29.
Towle Manufacturing Company. (See Nock, Harold E., assignor.)
Towle, Owen C., assignor to E. M. Brown, Los Angeles, Calif. Automobile storage battery. 1,622,550; Mar. 29.
Tracy, Michael J., assignor to Pauly Jail Building Company, St. Louis, Mo. Inclosure for shower baths. 1,622,983; Mar. 29.
Trailmobile Company, The. (See Shipley, C. W., and Jones, assignors.)
Treffer, Frederick A. (See Peterson, J. A., and Treffer.)
Trinity Wheel Corporation. (See Baker, Frederick W., assignor.)
Trist, Edward, Pittsburgh, Pa. Brake-band-lining-securing means. Re16,578; Mar. 29.
Trojan Powder Company. (See Bredt, Otto P. C., assignor.)
Trosper, Charles L. (See Laxton, L., and Trosper.)
Troxell, Rew, Los Angeles, Calif. Wheeled toy. 1,622,852; Mar. 29.
Troy Laundry Machinery Co. (See Balzer, Fritz, assignor.)
Truemper, John C., Indianapolis, Ind. Portable building. 1,622,746; Mar. 29.

Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)
Tull, Roger, assignor to Western Lithograph Company, Los Angeles, Calif. Making cloth stencils. 1,622,747; Mar. 29.
Turi, Steve, New York, N. Y. Skate sharpener. 1,622,476; Mar. 29.
Turnbull, Andrew, Santa Ana, Calif. Sanitary garbage can. 1,622,853; Mar. 29.
Tweedale, Ernest, and J. H. Nelson, Rawtenstall, England. Shoe and slipper lasting machine. 1,622,929; Mar. 29.
Umansky, Leonid A., Schenectady, N. Y., assignor to General Electric Company. Power-transmitting system. 1,622,551; Mar. 29.
Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Graupner, Paul L., assignor.)
Van Berschot, Stewart V., Chicago, Ill. Window ventilator. 1,622,854; Mar. 29.
Vanderbilt, R. T., Co. (See Murrill, Paul I., assignor.)
Van Riper, Lewis O., Seattle, Wash. Automatic tire gauge. 1,622,688; Mar. 29.
Van Tassel, William, Redwood, N. Y. Horseshoe. 1,622,748; Mar. 29.
Vernam, Gilbert S., River Edge, N. J., assignor to American Telephone and Telegraph Company. Radioprinting telegraph system. 1,622,297; Mar. 29.
Vervoort, Lambert H., Coudersport, Pa. Bearing. 1,622,618; Mar. 29.
Vesta Battery Corporation. (See Angell, Chester M., assignor.)
Vickers Limited. (See Dawson, A. T., and Buckham, assignors.)
Victor Talking Machine Company. (See Wismer, S. H., and Thaidigsman, assignors.)
Vieta, Floyd H., Alhambra, assignor to International Precipitation Company, Los Angeles, Calif. Fluid-pressure regulator. 1,622,689; Mar. 29.
Villaret, Paul G. (See Hast, Charles R., assignor.)
Vogel, Joseph P., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa. Weigh pan. 1,622,984; Mar. 29.
Von Kármán, Theodor, Aachen, Germany, and K. Fromm, Allentown, Pa. Turbo machine. 1,622,930; Mar. 29.
Vortex Mfg. Co. (See Mangold, William B., assignor.)
Wadsworth, Frank L. O., Pittsburgh, Pa. Spring suspension for vehicles. 1,622,552; Mar. 29.
Wadsworth, Frank L. O., Pittsburgh, Pa. Vehicle shock absorber. 1,622,553; Mar. 29.
Wadsworth, Frank L. O., Pittsburgh, Pa. Spring suspension system for motor vehicles. 1,622,891; Mar. 29.
Wadsworth, Frank L. O., Pittsburgh, Pa. Elastic suspension system for vehicles. 1,622,892; Mar. 29.
Wagner, Felipa J., née Cabezola, et al., executrices. (See Cabezola, Eusebio F.)
Wagner, Hermann, Hochst-on-the-Main, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of azo dyestuffs, derived from 2-hydroxynaphthalene-3-carboxylic-acid-arylamides. 1,622,690; Mar. 29.
Wagner Manufacturing Company. (See Lang, Philip, assignor.)
Wahl Clipper Corporation. (See Wahl, Leo J., assignor.)
Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Vibrator mechanism. 1,622,298; Mar. 29.
Walcker, Paul, Frankfort-on-the-Oder, Germany. Organ. 1,622,931; Mar. 29.
Waldorf Astoria Service Corporation. (See Carney, Joseph F., assignor.)
Waldron, Frederic B., Prescot, assignor to Pilkington Brothers Limited, Liverpool, England. Method and apparatus for producing a continuous strip of glass. 1,622,817; Mar. 29.
Walker, Carl, Calw, Germany. Raising fillet for raising machines. 1,622,893; Mar. 29.
Wall, Samuel A., and E. A. Boyd, Greenville, S. C. Automobile signal. 1,622,361; Mar. 29.
Wallace, Alexander, New Rochelle, N. Y. Adjustable mirror support. 1,622,554; Mar. 29.
Wanamaker, John M., Trenton, Mo. Cutter-bar connecting rod. 1,622,299; Mar. 29.
Warburton, Harry, and G. A. Sherwood, Bridgeport, Conn. Traffic indicator. 1,622,932; Mar. 29.
Warner, Benjamin S., assignor to Endicott Johnson Corporation. Endicott, N. Y. Work holder. 1,622,855; Mar. 29.
Warner, Glenn S., Palo Alto, Calif., assignor to A. G. Spalding Bros., New York, N. Y. Tackling dummy. 1,622,691; Mar. 29.
Warren, William C., Philadelphia, Pa., assignor to S. L. Allen & Co., Inc. Cultivator tooth. 1,622,619; Mar 29.
Waterbury Farrel Foundry and Machine Company, The (See Wilcox, Richard L., assignor.)
Wayne Company. (See Baker, Linnaeus E., assignor.)
Webb, John C., Tonawanda, N. Y. Transmission or brake band. 1,622,477; Mar. 29.
Webber, James H., Carrolltown, Pa. Rear window. 1,622,933; Mar. 29.
Wego, Peter C. (See Beulke, G. W., and Wego.)
Weibull, Ernst H. W., assignor, by mesne assignments, to Nya Nordiska Kullager Aktiebolaget, Gottenborg, Sweden. Roller bearing. 1,622,985; Mar. 29.
Weimer, Albert W., and J. Smith; said Weimer assignor to W. O. Parsons, Geneseo, Ill. Battery terminal. 1,622,362; Mar. 29.
Weinerth Knitting and Machine Company. (See Leister, Morris, assignor.)
Weingartner, Anthony E., Bethlehem, assignor to American Engineering Company, Philadelphia, Pa. Rotary pump or motor. 1,622,986; Mar. 29.
Weinstein, Otto, Boston, Mass., assignor to Standard Neckwear Company. Necktie. 1,622,749; Mar. 29.
Weitzenkorn, Joseph W., assignor to Molybdenum Corporation of America, Pittsburgh, Pa. Steel alloy. 1,622,894; Mar. 29.
Wendling, Albert G., Kitchener, Ontario, Canada. Exhaust muffler. 1,622,692; Mar. 29.
Wenholz, Walter W., assignor to General Railway Signal Company, Rochester, N. Y. Absolute-permissive-block train-control system. 1,623,023; Mar. 29.
Western Clock Company. (See Schierboltz, Henry A., assignor.)
Western Lithograph Company. (See Tull, Roger, assignor.)
Western Wheeled Scraper Company. (See Bressler, Robert E., assignor.)
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Chapin, Albert J., assignor.)
Westinghouse Air Brake Company. (See Clark, Horace S., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, C. C., and McCune, assignors.)
Westinghouse Air Brake Company. (See Farmer, C. C., and McWhirter, assignors.)
Westinghouse Air Brake Company. (See Farmer, C. C., and Thomas, assignors.)
Westinghouse Air Brake Company, The. (See Woernley, Harry F., assignor.)
Westinghouse Electric and Manufacturing Company. (See Bradshaw, W. M., and Mylius, assignors.)
Westinghouse Electric & Manufacturing Company. (See Eschholz, Otto H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Farmer, C. C., and McWhirter, assignors.)
Westinghouse Electric & Manufacturing Company. (See Jackson, Ray P., assignor.)
Westinghouse Electric & Manufacturing Company. (See James, Henry D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Keene, Alvin D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Little, Donald G., assignor.)
Westinghouse Electric and Manufacturing Company. (See Rodman, Clarence J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schenck, Samuel B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schwarz, Carl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Woodson, James C., assignor.)
Westinghouse Lamp Company. (See Gustin, Daniel S., assignor.)
White, Ernest C., New York, N. Y., assignor of one-half to R. F. Fisher, Philadelphia, Pa. Electric-lighting fixture. 1,622,934; Mar. 29.
Whiting Chain Company. (See Coombs, Edward A., assignor.)
Wicks, John, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,622,405; Mar. 29.
Wiemann Co., The. (See Wiemann, William P., assignor.)
Wiemann, William P., assignor to The Wiemann Co., Pittsburgh, Pa. Direction indicator. 1,622,895; Mar. 29.
Wiens, Walter P., Peoria, Ill. Internal-combustion engine. 1,622,300; Mar. 29.
Wilcolator Company, The. (See Fonesca, Edward L., assignor.)
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Cutting off blanks in headers, upsetting machines, or the like. 1,622,935; Mar. 29.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Die-separating means. 1,622,936; Mar. 29.
Wilder, Arthur L., Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Gear-tooth grinder. 1,622,693; Mar. 29.
Wildhaber, Ernest, assignor to Gleason Works, Rochester, N. Y. Producing gears. 1,622,555; Mar. 29.
Wildhaber, Ernest, assignor to Gleason Works, Rochester, N. Y. Curved-tooth gear. 1,622,556; Mar. 29.
Wilhjelm, Christian, Philadelphia, Pa. Valve. 1,622,406; Mar. 29.
Wilkinson, George S. (See Napier, M. S., and Wilkinson.)
Willamette Iron & Steel Works. (See Claypoole, Albert, assignor.)
Williams, Austin D., and F. B. Gillet, Sacramento, Calif. Bushing mold. 1,622,750; Mar. 29.

Williams, Cecil O., Evansville, Ind. Refrigerator. 1,622,478; Mar. 29.
Williams, Douglas W. (See Lewis, N. E., and Williams.)
Williams Oil-O-Matic Heating Corporation. (See Williams, Walter W., assignor.)
Williams, Walter W., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Pumping unit. 1,622,694; Mar. 29.
Willoughby, Alfred B., Philadelphia, Pa. Impact pulverizer. 1,622,695; Mar. 29.
Wilson, George W., Algona, Iowa. Liquid-circulating apparatus for internal-combustion motors. 1,622,557; Mar. 29.
Wilson, Ray O., and A. D. Sumner, Los Angeles, Calif. Forming flanges on can bodies. 1,622,558; Mar. 29.
Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Regulating apparatus. 1,622,620; Mar. 29.
Wismer, Samuel H., Palmyra, and J. H. Thaidigsman, Delanco, N. J., assignors to Victor Talking Machine Company. Case or box. 1,622,818; Mar. 29.
Woernley, Harry F., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic car coupler. 1,622,479; Mar. 29.
Wolford, Charles F., Santa Ana, Calif. Electrical switch mechanism. 1,622,301; Mar. 29.
Wolman, Karl H., Berlin-Grunewald, F. Peters, Berlin, and H. Pflug, Berlin-Steglitz, Germany. Wood preservative. 1,622,751; Mar. 29.
Wood, George R., assignor to Dayton Scale Company, Dayton, Ohio. Scales. 1,622,302; Mar. 29.
Wood, Robert J., Spring Hill, W. Va., assignor to Goodman Manufacturing Company, Chicago, Ill. Scraper loading apparatus. 1,622,819; Mar. 29.
Woodson, James C., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,622 621; Mar. 29.
Woodson, James C., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,622,622; Mar. 29.
Worthington Pump & Machinery Corporation. (See Bourne, Phillips P., assignor.).
Wulf, Charles A., assignor to American Valve and Enameling Corporation, Indianapolis, Ind. Inlet valve for toilet flushing mechanism. 1,622,696; Mar. 29.
Wulftange, John A., Hamilton, Ohio. Grille. 1,622,363; Mar. 29.
Wyld, Robert H., Hempstead, and W. F. Keenan, jr., Pelham, assignors to Power Specialty Company, New York, N. Y. Hanger bolts for boiler settings. 1,622,303; Mar. 29.
Yakesh, George J., Bloomer, Wis. Inclination indicator. 1,622,752; Mar. 29.
Yard-O-Meter Corporation. (See Tillman, Ferdinand J., assignor.)
Young, Ernest E., Sour Lake, Tex. Relief valve for gas engines. 1,622,937; Mar. 29.
Zabriskie, William F., assignor to Gabriel Steel Company, Detroit, Mich. Metallic joist. 1,622,559; Mar. 29.
Zu Löwenstein, Karl P., Berlin, Germany. Device for drilling or chiseling away rock. 1,622,896; Mar. 29.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 29TH DAY OF MARCH, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Accordion. R. Pancotti. Des. 72,337; Mar. 29.
Accounting device. C. R. Hast. 1,622,642; Mar. 29.
Acid, Manufacture of hydrocyanic. W. Gluud. 1,622,372; Mar. 29.
Advertising display device. F. W. Blumie. 1,622,410; Mar. 29.
Aerating liquids, Apparatus for. W. Hucks. 1,623,011; Mar. 29.
Aeroplane. A. D. Ray. 1,622,844; Mar. 29.
Aeroplane landing gear. H. C. Mummert. 1,622,799; Mar. 29.
Air-cooled engine. A. F. Masury. 1,622,388; Mar. 29.
Aircraft with swinging wings. A. Ehrlich. 1,622,629; Mar. 29.
Alarm box, Combined manual night-watch fire. W. S. Ludow, jr. 1,622,457; Mar. 29.
Alloy. J. N. Early. 1,622,576; Mar. 29.
Alloy. E. J. Shackelford, W. B. D. Penniman, and J. R. Cain. 1,622,977; Mar. 29.
Alloy, Steel. J. W. Weitzenkorn. 1,622,894; Mar. 29.
Amplifier, Thermoionic. S. B. Smith. 1,622,851; Mar. 29.
Amusement device. M. H. McMann. 1,622,877; Mar. 29.
Amusement device. A. S. Ross. 1,622,845; Mar. 29.
Amusement device. F. W. Tanaka. 1,622,981; Mar. 29.
Antenna system for radiocommunication, Multiple. L. Espenschied. 1,622,370; Mar. 29.
Apparel garment. W. Kops. 1,622,873; Mar. 29.
Arcing contact. O. H. Eschholz. 1,622,630; Mar. 29.
Arm mount with accessible gear unit. D. C. Klausmeyer. 1,622,725; Mar. 29.
Autoboggan. L. Hofmeister. 1,622,719; Mar. 29.
Auto heel protector. V. Christensen. 1,622,859; Mar. 29.
Automobile lifting device. E. Karow. 1,623,013; Mar. 29.
Automobile signal. S. A. Wall and E. A. Boyd. 1,622,361; Mar. 29.
Automobile top. M. R. Hull. Re16,581; Mar. 29.
Automotive brake. A. J. Chapin. 1,622,419; Mar. 29.
Bag: *See*—
Hand bag. Mothproof bag.
Bag frame, Collapsible. W. C. Hiering. 1,622,716; Mar. 29.
Ball: *See*—
Game ball.
Bandage compress. R. W. Johnson. 1,622,948; Mar. 29.
Bar: *See*—
Grate bar.
Barometer. H. Long. Des. 72,323–4; Mar. 29.
Baskets, Handle for shipping. F. A. Reiss. 1,622,674; Mar. 29.
Bathing suit. T. Davis. Des. 72,310; Mar. 29.
Battery: *See*—
Secondary battery. Storage battery.
Battery terminal. A. W. Weimer and J. Smith. 1,622,362; Mar. 29.
Bearing. L. H. Vervoort. 1,622,618; Mar. 29.
Bearing, Ball. F. Ellwein. 1,622,578; Mar. 29.
Bearing caster, Top. W. H. Noelting, E. A. Smithfield, and C. B. Noelting. 1,622,734; Mar. 29.
Bearing, Mounting for antifriction. J. O. Bailey. 1,622,483; Mar. 29.
Bearing, Radial. H. A. Perkins. 1,622,880; Mar. 29.
Bearing, Roller. E. H. W. Weibull. 1,622,985; Mar. 29.
Bed and couch, Combined folding. W. W. Brown. 1,622,702; Mar. 29.
Bed for automobiles, Folding. J. H. McManus. 1,622,462; Mar. 29.
Bed, Obstetrical. G. Gellhorn. 1,622,313; Mar. 29.
Bed warmer, Electric. A. T. Lister. 1,622,326; Mar. 29.
Beryllium filament. A. Nyman. 1,622,604; Mar. 29.
Binding device for molds, etc. E. E. Speer. 1,622,889; Mar. 29.
Bituminiferous material, Process of and apparatus for distilling. J. J. Jakowsky. 1,622,722; Mar. 29.
Blotter. C. Bull. 1,622,367; Mar. 29.
Board: *See*—
Egg-dumping board. Ironing board.
Boat. E. H. Harper. 1,622,508; Mar. 29.
Bobbin bin and shelf therefor. G. Schlesinger. 1,622,399; Mar. 29.
Boiler: *See*—
Fire-tube boiler. Steam boiler.
Boiler stand. O. M. Redlon. 1,622,884; Mar. 29.
Boiler structure. T. F. Harty. 1,622,947; Mar. 29.
Boilers, Apparatus for changing the water in. S. Otis. 1,622,339; Mar. 29.
Boilers, Fire box for. R. M. Spencer. 1,622,356; Mar. 29.
Bolt for boiler settings, Hanger. R. H. Wyld and W. F. Keenan, jr. 1,622,303; Mar. 29.
Bottle, Nursing. A. M. Holladay. 1,622,512; Mar. 29.
Bottle stopper. W. G. McBurney. 1,622,658; Mar. 29.
Bottle-washing device. J. Becker. 1,622,900; Mar. 29.
Box: *See*—
Alarm box. Display box.
Box or similar container for toilet preparations. H. H. Raynor. Des. 72,330; Mar. 29.
Box-securing means, Journal-. P. J. McCullough. 1,622,599; Mar. 29.
Bracelet. E. A. Coombs. 1,622,769–70; Mar. 29.
Bracket: *See*—
Car bracket. Mirror bracket.
Curtain-rod bracket. Shade bracket.
Brake: *See*—
Automotive brake. Electropneumatic brake.
Cable brake. Fluid-pressure brake.
Electric hydraulic brake. Transmission brake.
Brake. B. G. Parsons. 1,622,465; Mar. 29.
Brake. E. Slade. 1,622,681; Mar. 29.
Brake-band lining-securing means. E. Triet. Re16,578; Mar. 29.
Brake beams. Adjustable eccentric chair for. W. Janus. 1,622,516; Mar. 29.
Brake-lever-releasing device. O. Miller. 1,622,530; Mar. 29.
Branch connecter. R. Eckstein. 1,622,708; Mar. 29.
Brassière anchor. C. Baillie. 1,622,269; Mar 29.
Brick handling and cleaning machine. J. A. Grant and G. A. Lowry. 1,622,860; Mar. 29.
Buckle and the like, Extensible. L. Macheroux. 1,622,954; Mar. 29.
Buffer. D. Bourque. 1,622,759; Mar. 29.
Buffing wheel. E. A. Chase. 1,622,942; Mar. 29.
Building block and wall. N. E. Clementson. 1,622,369; Mar. 29.
Building construction. E. Flagg. 1,622,997; Mar. 29.
Building construction. C. L. Michod. 1,622,962; Mar. 29.
Building, Portable. J. C. Truemper. 1,622,746; Mar. 29.
Bumper and fender, Combination. T. C. Phalin. 1,622,667; Mar. 29.
Burglarproof lock. F. O. Peterson. 1,622,608; Mar. 29.
Burner: *See*—
Gas burner. Oil burner.
Bushing mold. A. D. Williams and F. B. Gillett. 1,622,750; Mar. 29.
Cable brake. W. F. Hollingsworth. 1,622,785; Mar. 29.
Cable carrier. A. M. Seeger. 1,622,741; Mar. 29.
Cable coupling, Electric-. J. L. Blevins. 1,622 940; Mar. 29.
Calculating machines, Carrying-over mechanism for. F. W. Barkley. 1,622,563; Mar. 29.
Calculating machines, Overrotating check for. F. W. Barkley. 1,622,564; Mar. 29.
Camera, Photographic. W. E. Ross. 1,622,925; Mar. 29.
Can: *See*—
Garbage can.
Can bodies, Forming flanges on. R. O. Wilson and A. D. Sumner. 1,622,558; Mar. 29.
Can-making machines, Soldering-flux and cement applying device for. D. C. Hansen. 1,622,781; Mar. 29.
Candles, Making ornamental. J. B. Rhoads. 1,622,347; Mar. 29.
Cap, Dust. J. M. Stone. 1,622,358; Mar. 29.
Car bracket, Reenforcing. F. H. Hardin. 1,622,583–4; Mar. 29.
Car construction. F. H. Hardin. 1,622,582; Mar. 29.
Car-control equipment, Safety. C. C. Farmer and J. S. McWhirter. 1,622,429; Mar. 29.
Car coupler, Automatic. H. F. Woernley. 1,622,479; Mar. 29.
Car doors, Latching device for. D. Hindahl. 1,622,718; Mar. 29.
Car, Grader. R. E. Bressler. 1,622,761; Mar. 29.
Car roof. D. W. Hawksworth. 1,622,509; Mar. 29.
Carburetor. S. R. Holmes. 1,622,513; Mar. 29.
Card-index device. J. H. Rand, jr. 1,622,670; Mar. 29.
Card or pamphlet holding device. O. W. Johnson. 1,622,514; Mar. 29.
Carrier: *See*—
Cable carrier. Package carrier.
Luggage carrier.
Cartoning machine. H. L. Evans and G. I. Hohl. 1,622,709; Mar. 29.

Cartridge, Blasting. A. W. Callis and F. E. Smoots. 1,622,992; Mar. 29.
Case: *See*
Coffin case. Transmission case.
Show case. Vanity case.
Tobacco case.
Case or box. S. H. Wismer and J. H. Thaldigsman. 1,622,818; Mar. 29.
Cash register. J. J. Klosterman. 1,622,790; Mar. 29.
Casket, Burial. W. J. Fleeman. 1,622,777; Mar. 29.
Caster. G. J. Kalberer. 1,622,447; Mar. 29.
Cellulose-fiber product treated with a size-embodying soy-bean flour and making the same. G. Davidson, H. F. Klippey, C. N. Cone, I. F. Laucks, and H. P. Banks. 1,622,496; Mar. 29.
Centering machine. C. Schramm. 1,622,678; Mar. 29.
Chain-link opening and closing device. F. A. Calkins. 1,622,627; Mar. 29.
Chain, Traction. S. S. Kempf. 1,623,014; Mar. 29.
Chair table set. B. S. Livingood. 1,622,327; Mar 29.
Chandelier, Electric. S. Frost. Des. 72,314; Mar. 29.
Checks, Protecting. C. A. MacCordy. 1,622,329; Mar. 29.
Cigar and cigarette lighter, Automobile. B. L. Metzger. 1,622,334; Mar. 29.
Cigar rolls, Machine for making. P. Nordenfelt and E. Granstedt. 1,622,966; Mar. 29.
Cleaner: *See*—
Window cleaner. Windshield cleaner.
Clinker-removing device. W. Gaughrin. 1,622,312; Mar. 29.
Clip: *See*—
Floor clip. Spring terminal clip.
Paper clip.
Clock case. N. J. Nelson. Des. 72,327; Mar .29.
Clock case. H. A. Schierholtz. Des. 72,332; Mar. 29.
Clock system, Electric. C. A. Hoxie. 1,622,388; Mar. 29.
Closure-member securing and bowing device. V. M. Alcaraz. 1,622,898; Mar. 29.
Closure mounting and operating means. L. G. Siller. 1,622,886; Mar. 29.
Closure seal. J. E. Sharp. 1,622,547; Mar. 29.
Clutch and hub for wheels, Combined oil. J. A. Malm. 1,622,956; Mar. 29.
Clutch, Electromagnetic friction. J. Bing. 1,622,939; Mar. 29.
Clutch, Oil. J. A. Malm. 1,622,955; Mar. 29.
Coat. M. Siegel. Des. 72,335; Mar. 29.
Coffeepot or analogous article. H. E. Nock. Des. 72,328; Mar. 29.
Coffin case, Metallic. B. G. McMiller. 1,622,529; Mar. 29.
Combination lock. B. J. Carnes. 1,622,489; Mar. 29.
Combination lock. K. H. Oberg. 1,622,605; Mar. 29.
Composition used for marking on cloth and the like. D. H. Shapiro. 1,622,353; Mar. 29.
Computer. O. Malcher. 1,622,916; Mar. 29.
Concentrator deck. A. H. Stebbins. 1,622,471; Mar. 29.
Condenser, Low-level jet. R. E. S. Geare and R. M. Norstrom. 1,622,945; Mar. 29.
Condenser or cooler. N. H. Hiller and B. F. Safberg. 1,622,645; Mar. 29.
Condenser, Surface. J. E. Goodwillie. 1,622,374; Mar. 29.
Connecting rod, Cutter-bar. J. M. Wanamaker. 1,622,299; Mar. 29.
Container. G. T. Horton. 1,622,787; Mar. 29.
Container. R. L. Lemon. 1,622,525; Mar. 29.
Container for transporting hot food. L. C. Cranston. 1,622,494; Mar. 29.
Containers, Preparing interiorly-coated. J. H. Murch. 1,622,533; Mar. 29.
Control apparatus. S. B. Schenck. 1,622,677; Mar. 29.
Control system. F. W. Hild. 1,622,784; Mar. 29.
Controlling device. H. P. Sparkes. 1,622,815; Mar. 29.
Conveyers, Roller for gravity. G. W. Beulke and P. C. Wego. 1,622,758; Mar. 29.
Cooking vessels, Appliance for. F. L. Housel. 1,622,587; Mar. 29.
Coupling: *See*—
Cable coupling.
Cooling apparatus. N. H. Hiller. 1,622,511; Mar. 29.
Copper carbonate, Machine for treating grain with. J. Gollbach. 1,623,001; Mar. 29.
Cored castings, Testing device for. G. A. Mohr. 1,622,602; Mar. 29.
Corner plate. L. C. MacDonald. 1,622,656; Mar. 29.
Corset. B. Cervelli. 1,623,031; Mar. 29.
Crane. F. W. Deady. 1,622,574; Mar. 29.
Crank motion, Automatically-variable. A. E. Miller. 1,622,919; Mar. 29.
Cream remover. E. G. Lambert. 1,622,832; Mar. 29.
Cultivator. A. Brigden. 1,622,488; Mar. 29.
Cultivator. F. J. Farrington. 1,622,863; Mar. 29.
Cultivator. H. E. Orthman. 1,622,968; Mar. 29.
Cultivator fender. G. E. Nix. 1,622,665; Mar. 29.
Cultivator, Seat-guide. J. P. Seaholm. 1,622,740; Mar. 29.
Cultivator standard. G. O. Franke. 1,622,865; Mar. 29.
Cultivator tooth. W. C. Warren. 1,622,619; Mar. 29.
Cultivators, Leaf-lifting device for riding. A. C. Dibble. 1,622,497; Mar. 29.
Cup. J. Blaustein. 1,622,858; Mar. 29.
Cup dispenser. W. B. Mangold. 1,622,597; Mar. 29.
Cup measure. H. A. O'Haver. 1,622,967; Mar. 29.
Curling iron. F. R. Marcel. 1,622,834; Mar 29.
Current commutator machine, Alternating-. C. MacMillan. 1,622,596; Mar. 29.
Current motor, Alternating-. S. R. Bergman. 1,622,567; Mar. 29.
Curtain-rod bracket. J. H. Boye. 1,622,700; Mar. 29.
Cutter: *See*—
Leather-strip cutter. Thread cutter.
Metal cutter. Wire cutter.
Packing cutter.
Cyanamide, Producing aqueous solutions of free. A. M. Muckenfuss. 1,622,731; Mar. 29.
Cycles and the like, Shock-absorbing device for the handle bars of. J. Johnson. 1,622,912; Mar. 29.
Cylinder and head construction. R. Schneider. 1,622,813; Mar. 29.
Cylinder construction. F. Balzer. 1,622,275; Mar. 29.
Damper, Automatic. H. L. Fetterly. 1,622,710; Mar. 29.
Damper control, Thermostatic. S. F. Richards. 1,622,973; Mar. 29.
Date pitter. L. C. De Forest. 1,622,309; Mar. 29.
Denerator. R. C. Jones. 1,622,283; Mar. 29.
Decarbonizer. W. Davis. 1,622,705; Mar. 29.
Dental reintor. J. Homer. 1,622,910; Mar. 29.
Dentifrice. F. W. Nitardy, K. A. Bartlett, and F. F. Berg. 1,622,391; Mar. 29.
Diphlegmator. J. A. Campbell. 1,622,703; Mar. 29.
Diagnostic analysis. W. Smith. 1,622,887; Mar. 29.
Die-casting apparatus. E. Hotter. 1,622,788; Mar. 29.
Die-separating means. R. L. Wilcox. 1,622,936; Mar. 29.
Digger: *See*—
Posthole digger.
Direction indicator. W. P. Wiemann. 1,622,895; Mar. 29.
Dish drainer. M. E. Hatcher. 1,622,909; Mar. 29.
Dispensing device. G. Kirkegaard. 1,622,831; Mar. 29.
Dispensing top for containers. S. Greenfield. 1,622,714; Mar. 29.
Dispensing tube. S. J. Lewis. 1,622,526; Mar. 29.
Display apparatus. A. Bernstein. 1,622,409; Mar. 29.
Display box F. X. List 1,622,284; Mar. 29.
Display holder. P. J. Knorpp. 1,622,726; Mar. 29.
Display rack, Folding. W. H. Averill. 1,622,612; Mar. 29.
Distillation. J. S. Morgan. 1,622,964; Mar. 29.
Doll, Talking. O. A. Garland. 1,622,441; Mar. 29.
Door bolt. P. Lang. 1,622,791; Mar. 29.
Door catch. A. W. Scott. 1,622,926; Mar. 29.
Door hanger and track structure. N. B. Shelly. 1,622,400; Mar. 29.
Door-operating mechanism. J. L. Quinn. 1,622,394; Mar. 29.
Draft control. H. W. Heyman. 1,622,782; Mar. 29.
Drafting device. V. Kvasnicka. 1,622,524; Mar. 29.
Drafting table. J. Rundgren and C. A. Billietdoux. 1,622,847; Mar. 29.
Drawer guide. W. Conwell and C. Mahoney. 1,622,422; Mar. 29.
Dress. T. Davis. Des. 72,309; Mar. 29.
Drier. C. Oppenhauser. 1,622,921; Mar. 29.
Drilling or chiseling away rock, Device for. K. P. zu Löwenstein. 1,622,896; Mar. 29.
Driving mechanism for blast-furnace stacks, Distributor. A. G. McKee. 1,622,461; Mar. 29.
Dry cell or battery. J. Smith. 1,622,402; Mar. 29.
Drying apparatus. G. W. Christoph. 1,623,017; Mar. 29.
Dummy, Tackling. G. S. Warner. 1,622,691; Mar. 29.
Duplicating device. A. Burdell. 1,622,415; Mar. 29.
Dust catcher, Centrifugal. C. G. Hawley. 1,622,644; Mar. 29.
Dust separator, Centrifugal. C. G. Hawley. 1,622,643; Mar. 29.
Dyeing machines, Paddle for. J. H. Skitt. 1,622,928; Mar. 29.
Dye-stuffs containing chromium and making same, Azo. H. Gubler, H. Stahel, and F. Straub. 1,623,005; Mar. 29.
Dyestuffs derived from 2-hydroxynaphthalene-3-carboxylic-acid-arylamides, Manufacture of azo. H. Wagner. 1,622,690; Mar. 29.
Dynamos, Belt-driving device for railway-carriage. H. Guillou. 1,622,315; Mar. 29.
Earthy material, Machine for treating. R. E. Bressler. 1,622,762; Mar. 29.
Egg-dumping board. C. C. Craig. 1,622,493; Mar. 29.
Elbow-bending machine. F. W. Engelke. 1,622,426; Mar. 29.
Electric audible signal. F. E. Detmers. 1,622,862; Mar. 29.
Electric control device. E. L. Fonseca. 1,622,635; Mar. 29.
Electric furnace. A. D. Keene. 1,622,650–1; Mar. 29.
Electric furnace. J. C. Woodson. 1,622,621–2; Mar. 29.
Electric heater base or similar article. A. H. Simmons. Des. 72,336; Mar. 29.
Electric heating device. A. and M. Bersted. 1,622,485; Mar. 29.
Electric-light fixture. C. W. Logan. Des. 72,320; Mar. 29.
Electric-light fixtures, Wall plate for. C. W. Logan. Des. 72,321; Mar. 29.
Electric switch. B. E. Getchell. 1,622,907; Mar. 29.
Electric thermostatic switch. A. U. Hook. 1,622,721; Mar. 29.

Electric waves, Arrangement of connections for sending and receiving. C. Schwarz. 1,622,679; Mar. 29.
Electrical apparatus. W. S. Moody. 1,622,531; Mar. 29.
Electrical fittings, Casing for. W. F. Meschenmoser. 1,622,333; Mar. 29.
Electrical instruments, Vernier adjustment means for. N. Heyman. 1,622,783; Mar. 29.
Electrical switch mechanism. C. F. Wolford. 1,622,301; Mar. 29.
Electrical transmitting system. E. M. Staples. 1,622,357; Mar. 29.
Electrohydraulic brake. B. S. Aikman. 1,622,480; Mar. 29.
Electropneumatic brake. C. C. Farmer. J. C. McCune. 1,622,430; Mar. 29.
Elevator: *See*—
Sucker-rod elevator.
Elevator support. G. A. Edwards. 1,622,943; Mar. 29.
End-post protector. H. N. and A. N. Stamos and T. W. Brown. 1,622,614; Mar. 29.
Engine: *See*—
Air-cooled engine. Two-cycle internal-combus-
Internal-combustion engine. tion engine.
Engine starter. C. F. Glichrist. 1,622,377; Mar. 29.
Engines, Cylinder for internal-combustion. M. S. Napier and G. S. Wilkinson. 1,622,965; Mar. 29.
Engines, Ignition in internal-combustion. M. J. P. Barbarou. 1,622,871; Mar. 29.
Engines, Mixing device for internal-combustion. F. A. Brewer. 1,622,701; Mar. 29.
Engines, Relief valve for gas. E. E. Young. 1,622,937; Mar. 29.
Engines, Starting device for internal-combustion. V. B. Nelson. 1,622,289; Mar. 29.
Evaporator. I. Merils. 1,622,918; Mar. 29.
Exhaust muffler. A. G. Wendling. 1,622,692; Mar. 29.
Expansion-contraction joint, Deformable. A. C. Fisher. 1,622,311; Mar. 29.
Extension table. W. P. Sauer. 1,622,544; Mar. 29.
Fabric treatment. J. R. Hogate and L. E. Spence. 1,622,444; Mar. 29.
Fats or oils into fatty acids and glycerine, Decomposing. A. S. Richardson and C. V. Conley. 1,622,974; Mar. 29.
Feeding machine. S. Madsen. 1,622,836; Mar. 29.
Feeding mechanism, Automatic cattle-. H. Halvarsson. 1,622,443; Mar. 29.
Felling machine. M. D. Brody. 1,622,414; Mar. 29.
Felt making, Mercuryless hair-secreting process for. C. and E. Pichard. 1,622,883; Mar. 29.
Fender: *See*—
Cultivator fender.
Fern stand or article of similar nature. S. A. Flowers. Des. 72,313; Mar. 29.
Fernery stand. C. Kowalski. Des. 72,319; Mar. 29.
Fertilizer, Producing. A. G. Stillwell. 1,622,684; Mar. 29.
File pocket, Vertical. E. F. Ahlquist. 1,622,753; Mar. 29.
Filler cap. P. E. Malone. 1,622,659; Mar. 29.
Fire lighter, Automatic. W. Richardson. 1,622,738; Mar. 29.
Fire-tube boiler. A. J. Ebner. 1,622,577; Mar. 29.
Fireplace construction. E. Flagg. 1,622,944; Mar. 29.
Fish-oil powder, Producing. W. E. Miller. 1,622,390; Mar. 29.
Flanges of cap ends, Machine for curling the. J. F. Peters. 1,622,540; Mar. 29.
Flask: *See*—
Molder's flask.
Floating vessels, Construction of. J. W. Isherwood. 1,622,830; Mar. 29.
Floor clip. R. W. Baily. 1,622,697; Mar. 29.
Floor forms, Bracket for concrete-. E. C. Marqua. 1,622,528; Mar. 29.
Flooring, Method and arrangement for making naked. V. K. Hultin. 1,622,829; Mar. 29.
Flowing oil or gas wells, Gas-emergency control for. E. V. Crowell. Re16,577; Mar. 29.
Fluid-pressure brake. C. C. Farmer and T. H. Thomas. 1,622,428; Mar. 29.
Fluid-pressure regulator. F. H. Viets. 1,622,689; Mar. 29.
Fly catcher. E. L. Hamborg and V. T. Lobdell. 1,623,006; Mar. 29.
Fly-paper holder. J. L. Killion. 1,622,591; Mar. 29.
Flying machine. A. Sartini. 1,622,676; Mar. 29.
Frame: *See*—
Bag frame.
Fuel for automotors. E. F. Chandler. 1,622,572; Mar. 29.
Funnel. P. T. Murphy. 1,622,801; Mar. 29.
Fur pelts, Producing. L. Hofmeister. 1,622,720; Mar. 29.
Furnace: *See*—
Electric furnace. Oil-burning furnace.
Furnace. W. E. Lewis and D. W. Williams. 1,622,595; Mar. 29.
Furniture trim and keeper. W. H. Noelting and A. I. Brokaw. 1,622,735; Mar. 29.
Game apparatus. D. C. Mader. 1,622,330; Mar. 29.
Game ball. C. W. Comeld. 1,622,421; Mar. 29.
Game, Card. K. D. Frost. 1,622,638; Mar. 29.
Gaming apparatus. C. H. Reilley. 1,622,673; Mar. 29.
Garbage can, Sanitary. A. Turnbull. 1,622,853; Mar. 29.
Gas and liquids storing device. F. G. Keyes. 1,622,523; Mar. 29.
Gas burner. W. B. Bastian. 1,622,820; Mar. 29.
Gas burner. H. O. Porter. 1,622,972; Mar. 29.
Gauge: *See*—
Liquid-level gauge. Tire gauge.
Pressure gauge.
Gauge stabilizer, Primary. H. W. Price and J. B. Meriam. 1,622,843; Mar. 29.
Gear, Curved-tooth. E. Wildhaber. 1,622,556; Mar. 29.
Gear valve. M. J. O'Leary. 1,622,464; Mar. 29.
Gears, Producing. E. Wildhaber. 1,622,555; Mar. 29.
Generator regulation, Apparatus for. G. E. Hulse. 1,622,282; Mar. 29.
Glass, Apparatus for feeding molten. K. E. Peiler. 1,622,666; Mar. 29.
Glass drawing and apparatus therefor. W. E. Buzby. 1,622,417; Mar. 29.
Glass, Method and apparatus for producing a continuous strip of. F. B. Waldron. 1,622,817; Mar. 29.
Glass sheets, Apparatus for handling. H. K. Hitchcock. 1,622,380; Mar. 29.
Glassware, Apparatus for annealing. V. Mulholland. 1,622,663; Mar. 29.
Glove, C. L. McBride, jr. 1,623,019; Mar. 29.
Glove, Boxing. D. J. Kennedy. 1,622,322; Mar. 29.
Golf ball and making the same. T. W. Miller. 1,622,601; Mar. 29.
Golf putter and forming the same. D. H. Findlay. 1,622,864; Mar. 29.
Grain-sorting device. L. L. Ladd. 1,622,386; Mar. 29.
Grain tester. M. Isaacs. 1,622,515; Mar. 29.
Grain washer, stoner, and conditioner. D. Geddes. 1,622,580; Mar. 29.
Grapefruit corer. J. Kovats. 1,622,874; Mar. 29.
Grate bar. J. J. Fleming. 1,622,634; Mar. 29.
Grave cover. J. M. Doddridge. 1,622,995; Mar. 29.
Grille. J. A. Wulftange. 1,622,363; Mar. 29.
Grinder, Gear-tooth. A. L. Wilder. 1,622,693; Mar. 29.
Grinding machine. E. F. Maas. 1,622,527; Mar. 29.
Grinding machine, Cam-. H. H. Asbridge. 1,622,755; Mar. 29.
Grinding, Method of and machine for. L. Ruprecht and A. G. Kollstede. 1,622,849; Mar. 29.
Grooves in flat panels, Machine for cutting. C. B. Norris. 1,623,020; Mar. 29.
Gums, Device for applying ointment to the. O. Temple. 1,622,616; Mar. 29.
Hair curler. M. D. Meserole. 1,622,660; Mar. 29.
Hair snap. K. L. Heath and L. Schoel. 1,623,034; Mar. 29.
Hair-trimming appliance. C. W. Jackson. 1,622,647; Mar. 29.
Hair-waving appliance and method. J. Mayer. 1,622,957; Mar. 29.
Hair-waving device. V. J. Mougin. 1,622,798; Mar. 29.
Hand bag. H. Margolin. Des. 72,326; Mar. 29.
Hand bag, Lady's. M. Borfuss. 1,622,306; Mar. 29.
Hand press. W. Papke. 1,622,806; Mar. 29.
Handle device, Safety. W. Evans. 1,622,996; Mar. 29.
Handsaw. C. Patterson. 1,622,466; Mar. 29.
Hanger: *See*—
Window-screen hanger.
Hardness-testing machine. R. B. Lewis. 1,622,455; Mar. 29.
Harrow tooth. L. Reimers and N. Erickson. 1,622,343; Mar. 29.
Hat-felting machine. F. Schaeffer. 1,622,295; Mar. 29.
Headers, upsetting machines, or the like, Cutting off blanks in. R. L. Wilcox. 1,622,935; Mar. 29.
Headlight. S. F. Lucus, 1,622,953; Mar. 29.
Headlight. W. E. Richard. 1,622,395; Mar. 29
Heating and cooling device, Electrical. W. J. Noonan. 1,622,803; Mar. 29.
Heating apparatus. T. J. Peace. 1,622,807; Mar. 29.
Heel-turning machines, Guard for wood-. R. H. Pettengill. 1,622,838; Mar. 29.
Hinge. T. B. Thurman. 1,622,617; Mar. 29.
Hinge, Side stop. L. A. Kroschel. 1,622,451; Mar. 29.
Hinge support. W. Marshall. 1,622,598; Mar. 29.
Hitch for semitrailers. C. W. Shipley and R. B. Jones. 1,622,470; Mar. 29.
Hoist, Automatic self-loading. W. E. Howlett. 1,622,589; Mar. 29.
Hollow structure and making the same. T. E. and T. E. Murray, jr. 1,622,664; Mar. 29.
Hook: *See*—
Safety hook.
Hook and eye tape. A. Bebel. 1,622,408; Mar. 29.
Hook and eye tape. D. Silberman. 1,622,743; Mar. 29.
Hoppers, Flow-facilitating means for gravity. R. H. Beaumont. 1,622,565; Mar. 29.
Horseshoe. W. Van Tassel. 1,622,748; Mar. 29.
Hosiery. A. J. Beucus. 1,623,024; Mar. 29.
Hosiery, Knitting. A. J. Beucus. 1,622,857; Mar. 29.
Humidifier. F. F. Bahnson. 1,622,482; Mar. 29.
Hydrocarbon fractions, Separating. D. Pyzel. 1,622,737; Mar. 29.
Hydrocarbon oils, Reactivating desulphurizing agents for. J. B. Rather and F. S. Shepard. 1,622,671; Mar. 29.
Incinerator, Air-cooled. J. Feigenbaum. 1,622,431; Mar. 29.
Inclination indicator. G. J. Yakesh. 1,622,752; Mar. 29.
Index, Thumb. F. P. Gorin. 1,622,641; Mar. 29.
Indicating device. J. Karagunis. 1,622,913; Mar. 29.
Indicating position of pianos on floors or other surfaces, Device for. B. H. Jefferson. 1,622,445; Mar. 29.

Indicator: *See*—
Direction indicator. Reflecting indicator.
Inclination indicator. Traffic indicator.
Inlet box for drains. G. H. Lang. 1,622,652; Mar. 29.
Insect destroyer. F. A. Treffer and J. A. Peterson. 1,622,922; Mar. 29.
Insulating liquid. C. J. Rodman. 1,622,809; Mar. 29.
Insulator. R. P. Jackson. 1,622,648; Mar. 29.
Internal-combustion engine. H. R. Ricardo. 1,622,885; Mar. 29.
Internal-combustion engine. R. Schlatter. 1,622,398; Mar. 29.
Internal-combustion engine. O. E. Szekely. 1,622,687; Mar. 29.
Internal-combustion engine. W. P. Wiens. 1,622,300; Mar. 29.
Iron: *See*—
Curling iron.
Ironing board. E. W. Cummings. 1,622,495; Mar. 29.
Ironing board, Folding. A. E. Todd. 1,622,403–4; Mar. 29.
Jack: *See*—
Lifting jack. Pumping jack.
Oil-well jack.
Joint: *See*—
Expansion-contraction joint. Universal joint.
Joist, Metallic. W. F. Zabriskie. 1,622,559; Mar. 29.
Jumping jack. I. Balmer. 1,622,562; Mar. 29.
Kassette. G. E. Geise. 1,622,371; Mar. 29.
Kettle, Cooking. J. Rozic. 1,622,975; Mar. 29.
Key device, Safety. F. M. Lyon. 1,622,793; Mar. 29.
Key holder, Quick-releasing. F. W. Morse. 1,622,532; Mar. 29.
Kiln for the burning of cement. C. Naske. 1,622,337; Mar. 29.
Knife. E. P. Hulse. 1,622,870; Mar. 29.
Knitting machine. A. E. Schulz. 1,622,976; Mar. 29.
Knitting machines, Controlling mechanism for primary and secondary yarns of split-work circular-. A. Gagné. 1,623,027; Mar. 29.
Labeling machine. C. Holm and A. H. Johnson. 1,622,381; Mar. 29.
Lamp. I. Gonyk. 1,622,373; Mar. 29.
Lamp and sound amplifier, Combined floor. T. T. Tannehill. Des. 72,322; Mar. 29.
Lamp, Glareless. A. V. Cassels. 1,622,764; Mar. 29.
Lamp-supporting collar. J. N. Gossett. 1,623,002; Mar. 29.
Lamp with filament having increased strength, Gas-filled incandescent electric. D. S. Gustin. 1,622,826; Mar. 29.
Lamps, Automatic control for arc. C. M. Fox. 1,622,505; Mar. 29.
Latch, Crib. F. C. Marquardt. 1,622,387; Mar. 29.
Latch, Window-sash. J. D. Shipman. 1,622,742; Mar. 29.
Lathe. L. Reno. 1,622,292; Mar. 29.
Lawn edger. A. L. Foster. 1,622,998; Mar. 29.
Leather-strip cutter, Adjustable. F. Ackermann and H. Gonld. 1,622,265; Mar. 29.
Lens supporting and retaining means. R. R. Freund. 1,622,437; Mar. 29.
Lens, Testing instrument. L. H. Fisher. 1,622,776; Mar. 29.
Lifting device for covers. D. H. Chason. 1,622,307; Mar. 29.
Lifting jack, Automobile. H. J. Schmitt and J. Little. 1,622,352; Mar. 29.
Lighting and ignition switch, Combined. H. A. Douglas. 1,622,706–7; Mar. 29.
Lighting apparatus. S. F. Arbuckle. 1,622,938; Mar. 29.
Lighting fixture. W. H. Spencer. 1,622,548; Mar. 29.
Lighting fixture, Electric-. E. C. White. 1,622,934; Mar. 29.
Lighting-fixture part. P. Cricchio. Des. 72,308; Mar. 29.
Lighting-fixture strap. M. Jonick. Des. 72,318; Mar. 29.
Lighting fixtures or the like, Ornamental attachment for. A. Bloch. 1,623,030; Mar. 29.
Lighting unit, Highway. R. B. Benjamin. 1,622,272; Mar. 29.
Limbs, Apparatus for measuring. A. Thiel and W. Schmidt. 1,622,890; Mar. 29.
Line-splicing device. P. H. Lettré. 1,622,324; Mar. 29.
Liquid containers, Gasket seal for. E. E. Brainard. 1,622,625; Mar. 29.
Liquid-dispensing apparatus. L. E. Baker. 1,622,561; Mar. 29.
Liquid-dispensing apparatus. C. A. Scharffe. 1,622,810; Mar. 29.
Liquid-fuel feeding and carbureting apparatus. C. P. Brockway and E. R. Huntley. 1,622,413; Mar. 29.
Liquid-level gauge. J. Fentress. 1,622,503; Mar. 29.
Liquid-measuring apparatus. J. J. Hawxhurst. 1,622,715; Mar. 29.
Liquids, Device for the atomization and injection of. C. J. Ake. 1,622,266; Mar. 29.
Liquids, Heating. F. W. Birtch. 1,622,569; Mar. 29.
Lock: *See*—
Burglarproof lock. Sliding lock.
Combination lock. Steering-wheel lock.
Manually-controlled lock. Vehicle lock.
Nut lock. Window lock.
Lock. C. T. Chadwick and J. W. Boone. 1,622,400; Mar. 29.
Lock. C. N. Fairchild and F. J. Hull. 1,622,500; Mar. 29.
Lock. A. J. Frith. 1,622,999; Mar. 29.
Lock for motor vehicles, Differential. F. J. Katz. 1,622,449; Mar. 29.
Locking mechanism. J. H. Nelson. 1,622,732; Mar. 29.
Locomotive. W. J. McCarroll. 1,622,917; Mar. 29.
Locomotive-boiler construction. H. S. Jarnagin. 1,622,012; Mar. 29.
Locomotive, Geared. A. Claypoole. 1,622,765; Mar. 29.
Locomotives, Sand valve for. S. F. MacDougald. 1,622,657; Mar. 29.
Looms, Warp-let-off mechanism for. J. Bernini. 1,622,757; Mar. 29.
Luggage carrier. M. L. Cleland. 1,622,308; Mar. 25.
Luminescent product. A. A. Guntz. 1,622,379; Mar. 29.
Mail box and bottle holder, Combined. P. Brandofino. 1,622,412; Mar. 29.
Mailing device. W. D. McGann and J. G. McGreevy. 1,622,824; Mar. 29.
Make and break device. D. J. Dolan. 1,622,424; Mar. 29.
Manifolds, Air-inlet device for. E. R. Schatz. 1,622,811; Mar. 29.
Manually-controlled lock. C. N. Fairchild. 1,622,502; Mar. 29.
Marcel waver. C. G. Beesley. 1,622,821; Mar. 29.
Material-handling apparatus. E. E. Brosius. 1,622,902; Mar. 29.
Mattress-beating machine. D. Micon. 1,622,287; Mar. 29.
Mattresses, Harness for handling. J. F. Gall. 1,622,712; Mar. 29.
Measuring and computing machine. F. J. Tillman. 1,622,360; Mar. 29.
Measuring device for liquids, Automatic. N. B. Irving. 1,622,317; Mar. 29.
Mechanical movement. A. L. Powell. 1,622,841; Mar. 29.
Mechanical movement of the planetary gear type. A. L. Powell. 1,622,842; Mar. 29.
Medical appliance. J. L. Cox. 1,622,903; Mar. 29.
Metal cutter. A. Breton. 1,622,487; Mar. 29
Metal dust, Apparatus for the production of. R. B. Finn. 1,622,433; Mar. 29.
Metal-working machine. G. Sifkovitz. 1,622,401; Mar. 29.
Metals of the alkali-earth group, Treatment of formates of. O. P. C. Bredt. 1,622,991; Mar. 29.
Metallic dust, Apparatus for the production of. R. B. Finn. 1,622,434; Mar. 29.
Metallic layer for upper dentures. W. M. Stanbrough. 1,622,683; Mar. 29.
Metallic mesh fabric. S. G. Mandelian. Des. 72,325; Mar. 29.
Mica sheets, Apparatus for forming composite. L. McCarthy. 1,622,795; Mar. 29.
Mica sheets, Forming composite. L. McCarthy. 1,622,796; Mar. 29.
Microscope, Binocular. J. C. Sabel. 1,622,350; Mar. 29.
Mill: *See*—
Tube-forming mill.
Mining, System of. J. W. Pearce. 1,622,837; Mar. 29.
Mirror bracket, Adjustable. V. Bourdon. 1,622,486; Mar. 29.
Mirror support, Adjustable. A. Wallace. 1,622,554; Mar. 29.
Mixing machine. J. Saulnier. 1,622,294; Mar. 29.
Mold: *See*—
Bushing mold.
Molder's flask. H. D. Bickford. 1,622,623; Mar. 29.
Molding machine. H. S. Lee. 1,622,875; Mar. 29.
Mothproof bag. M. E. Kulk. 1,622,323; Mar. 29.
Motion-transmitting mechanism. G. Goodline. 1,622,780; Mar. 29.
Motor: *See*—
Current motor. Water motor.
Motor-cycle stand. C. W. Jeske. 1,622,383; Mar. 29.
Motors, Liquid-circulation apparatus for internal-combustion. G. W. Wilson. 1,622,557; Mar. 29.
Mower, Lawn. F. Pollifrone. 1,622,923; Mar. 29.
Mower, Lawn. R. Sera. 1,622,611; Mar. 29.
Multiplying machine. J. W. Bryce. 1,622,279; Mar. 29.
Necktie. O. Weinstein. 1,622,749; Mar. 29.
Nozzle. L. R. Nelson. 1,622,733; Mar. 29.
Nozzle and cap therefor. C. A. Anthony. 1,622,274; Mar. 29.
Nozzle and gauge, Combined air. M. S. Platt. 1,622,341; Mar. 29.
Number holder. W. W. Freed. 1,622,436; Mar. 29.
Nut lock. H. Gunkel. 1,622,581; Mar. 29.
Oil burner. F. McCloskey. 1,622,797; Mar. 29.
Oil burner. J. C. Millar. 1,622,963; Mar. 29.
Oil-burning furnace C. I. Hoag. 1,622,828; Mar. 29.
Oil, Device for measuring the lubricating value of. J. B. Annis. 1,622,481; Mar. 29.
Oil purifying and reclaiming system, Lubricating-. F. R. C. Boyd. 1,622,278; Mar. 29.
Oil, Refining. H. O. Parker. 1,622,879; Mar. 29.
Oil storing and delivering systems, Pressure control for hydraulic. W. J. Peter. 1,622,881–2; Mar. 29.
Oil, Treating hydrocarbon. H. M. Lasher. 1,622,453; Mar. 29.
Oil-well casing head. C. C. Hosmer. 1,623,010; Mar. 29.
Oil-well jack. H. W. Rhinelander. 1,622,467; Mar. 29.
Oils, Apparatus for condensing. C. B. Buerger. 1,622,941; Mar. 29.
Ophthalmic mounting. L. Poeton and F. A. Morey. 1,622,668; Mar. 29.

Ophthalmic mounting. L. J. Teller. 1,622,615; Mar. 29.
Ordnance breech mechanism. A. T. Dawson and G. T. Buckham. 1,622,861; Mar. 29.
Organ, P. Walcker. 1,622,931; Mar. 29.
Organic selenium compound and making the same. P. I. Murrill. 1,622,534; Mar. 29.
Ornamental body. E. J. Fink. 1,622,775; Mar. 29.
Orthodontic appliance. E. H. Angle. 1,622,856; Mar. 29.
Oxides, Acylamino-hydroxybenzene arsine. L. Benda. 1,622,271; Mar. 29.
Package carrier. C. Haarberg. 1,622,946; Mar. 29.
Packing cups, Apparatus for making. B. Stoltz and D. A. Lillie. 1,622,685; Mar. 29.
Packing cutter. G. E. Long. 1,622,655; Mar. 29.
Packing of rotary shafts. C. Huth. 1,622,911; Mar. 29.
Packing press. W. G. Price. 1,622,669; Mar. 29.
Pad rest. T. D. Oakley. 1,622,290; Mar. 29.
Pan: *See*—
Weigh pan.
Pan cover, Frying-. B. M. Salmon. 1,622,351; Mar. 29.
Paper clip. C. W. Sponsel. 1,622,682; Mar. 29.
Paper novelty article. A. G. Palmer. 1,622,606; Mar. 29.
Paper pulp and other suspensions and mixtures, Effecting agglomeration in. K. Sveen. 1,622,474; Mar. 29.
Paper weight. O. W. Sicks. Des. 72,334; Mar. 29.
Pattern mechanism for dobbies. J. Reynolds. 1,622,844–5; Mar. 29.
Pencils, penholders, and the like articles, Clip for. B. W. Hanle. 1,622,316; Mar. 29.
Petroleum hydrocarbons into lower-boiling petroleum hydrocarbons, Converting higher-boiling. C. B. Buerger. 1,623,025; Mar. 29.
Petroleum, Treating. R. Cross. 1,623,018; Mar. 29.
Phonograph, F. J. Seabolt. 1,622,814; Mar. 29.
Phonograph mechanism. F. H. Doerr and G. E. Roedding. 1,622,423; Mar. 29.
Phonograph, Multiple record. D. D. Beenken. 1,622,756; Mar. 29.
Pianoforte and organ, Combined electric. D. A. Barbieri. 1,622,364; Mar. 20.
Pianos, Actuating player. C. H. Hanson. 1,722,827; Mar. 29.
Picture machines, Fire safety device for motion-. G. Loschirico. 1,622,952; Mar. 29.
Pince-nez and spectacles. P. and S. M. Kirk. 1,622,724; Mar. 9.
Pipe: *See*—
Smoking pipe. Tobacco pipe.
Pipe joint and connection. H. D. Cook and H. Lundgren. 1,622,768; Mar. 29.
Pipe-threading machine. B. Borden. 1,622,411; Mar. 29.
Pipe-wrapping machine. C. S. Evans. 1,622,427; Mar. 29.
Pipe-wrapping machine. D. Finley. 1,622,432; Mar. 29.
Pipes and like hollow articles, Molding of. M. Levy. 1,622,325; Mar. 29.
Pipes, Device for measuring length of. G. W. Hall. 1,622,908; Mar. 29.
Piston. P. M. Freer. 1,622,579; Mar. 29.
Pistons and piston valves, Packing device for use with. T. Smits. 1,622,888; Mar. 29.
Plastic material and making the same, Covering of. R. W. Page. 1,622,969; Mar. 29.
Plate or similar article. J. F. Carney. Des. 72,307; Mar. 29.
Pocket or similar article, Wall. G. E. Roedding. Des. 72,331; Mar. 29.
Porous cementitious article, Producing a. A. T. Schenck. 1,622,396; Mar. 29.
Posthole digger. O. Coil. 1,622,704; Mar. 29.
Potato feeder. B. P. Sutherland. 1,622,686; Mar. 29.
Power transmitting system. L. A. Umansky. 1,622,551; Mar. 29.
Press: *See*—
Hand press. Packing press.
Press apparatus, Molding. H. M. Sturgeon. 1,623,022; Mar. 29.
Pressure gauge. J. H. Johnson. 1,622,517; Mar. 29.
Propeller. C. O. Marshall. 1,622,835; Mar. 29.
Propeller. W. Stellner. 1,622,472; Mar. 29.
Protective system. F. H. Penney. 1,622,539; Mar. 29.
Protector. E. J. Gilbert. 1,622,639; Mar. 29.
Pulleys, Locking device for. L. Staub and O. I. Farrington. 1,622,680; Mar. 29.
Pulp grinders, Regulator system for. W. M. Bradshaw and W. G. Mylius. 1,622,624; Mar. 29.
Pulverizer, Impact. A. B. Willoughby. 1,622,695; Mar. 29.
Pump, Air. H. Leo. 1,622,876; Mar. 29.
Pump and indicator, Draft-actuated circulating. A. Moses. 1,622,862; Mar. 29.
Pump, Centrifugal vacuum. K. G. Sommer. 1,622,355; Mar. 29.
Pump, Oil-engine-driven centrifugal and similar. P. P. Bourne. 1,622,699; Mar. 29.
Pump or motor, Rotary. A. E. Weingartner. 1,622,986; Mar. 29.
Pump, Rotary. F. E. Sperry. 1,622,816; Mar. 29.
Pump, Water. J. and G. Popp. 1,622,840; Mar. 29.
Pumping apparatus. G. W. Kammerer and F. Hill. 1,622,884; Mar. 29.
Pumping unit. W. W. Williams. 1,622,694; Mar. 29.
Pumps, Controller for power-driven. B. M. Horter. 1,622,514; Mar. 29.
Puncher, Twin-label. F. Luisa and J. Di Matteo. 1,622,458; Mar. 29.
Puncturing machine. C. S. Nelson. 1,622,538; Mar. 29.
Rack: *See*—
Display rack.
Radio communication device. B. F. Miessner. 1,622,389; Mar. 29.
Radio detector. B. H. Lundquist. 1,622,459; Mar. 29.
Radio printing telegraph system. G. S. Vernam. 1,622,297; Mar. 29.
Radio receiver attachment for telephones. G. F. Mitchell. 1,622,335; Mar. 29.
Radio sets, Controlling means for. W. G. Dunn. 1,622,499; Mar. 29.
Radiographic apparatus. J. B. Kelley. 1,622,320–1; Mar. 29.
Rail anchor. H. N. and A. N. Stamos and T. W. Brown. 1,622,613; Mar. 29.
Railway switch, Automatic. J. Szabo and A. Ladane. 1,622,980; Mar. 29.
Railway-traffic-controlling apparatus. R. A. McCann. 1,622,460; Mar. 29.
Raising machines, Raising fillet for. C. Walker. 1,622,893; Mar. 29.
Razor and blade sharpener, Combined safety. T. B. Crews. 1,622,904; Mar. 29.
Receptacle. A. Janer. 1,622,318; Mar. 29.
Receptacle. E. Korsetz. 1,629,728; Mar. 29.
Reflecting indicator. C. G. McLean. 1,622,958; Mar. 29.
Refrigerating household unit. J. G. Burns and H. S. Davis. 1,622,626; Mar. 29.
Refrigerating machine. F. G. Keyes. 1,622,520; Mar. 29.
Refrigerating systems, Apparatus for. R. W. Davenport. 1,622,876; Mar. 29.
Refrigeration. F. G. Keyes. 1,622,521; Mar. 29.
Refrigeration. F. G. Keyes. 1,622,522; Mar. 29.
Refrigeration, Apparatus for producing. F. G. Keyes. 1,622,519; Mar. 29.
Refrigerator. H. S. Cleveland. 1,622,766; Mar. 29.
Refrigerator. S. B. Nordskog. 1,622,920; Mar. 29.
Refrigerator. C. O. Williams. 1,622,478; Mar. 29.
Register: *See*—
Cash register.
Regulating apparatus. F. H. Winter. 1,622,620; Mar. 29.
Regulator: *See*—
Fluid-pressure regulator.
Rheostat. E. F. Cabezola. 1,623,026; Mar. 29.
Rim, Demountable wheel. F. W. Baker. 1,622,270; Mar. 29.
Ring: *See*—
Tent-pole shackle ring.
River control, Method and apparatus for. E. Bignell. 1,622,568; Mar. 29.
Road-bed-building machine. R. Payne. 1,622,970; Mar. 29.
Road wheel, Resilient. H. C. Gibson. 1,622,867; Mar. 29.
Rod: *See*—
Connecting rod.
Rod-cigarette machine. P. L. Graupner. 1,622,378; Mar. 29.
Rod grip, Polished-. J. R. Manan. 1,622,331; Mar. 29.
Rods and shafts, Retaining device for. L. Bonsieur. 1,622,990; Mar. 29.
Rods and wrist pins of internal-combustion engines, Aligning machine for connecting. W. Asb. 1,622,560; Mar. 29.
Rolls, Method and apparatus for heating. R. L. McIntosh and G. Fox. 1,622,286; Mar. 29.
Rubber hose and the like, Curing. C. H. Paeplow. 1,622,340; Mar. 29.
Rubbing machine. A. B. Kratz. 1,622,592; Mar. 29.
Saddle stirrups, Safety device for. M. Hendriks. 1,622,510; Mar. 29.
Safety hook. G. N. Porter. 1,622,971; Mar. 29.
Salt and pepper shaker, Combined. A. J. Flauder. Des. 72,311–12; Mar. 29.
Sample folder, Revisable W. H. Gosch. 1,622,314; Mar. 29.
Sand trap. J. A. Lawrence. 1,623,015; Mar. 29.
Sash-cord fastener. T. W. Barrett. 1,622,988; Mar. 29.
Sash-operating device and lock. N. Q. Kelso. 1,622,949; Mar. 29.
Scale. G. R. Wood. 1,622,302; Mar. 29.
Scale, Postal. J. K. Richie. 1,622,924; Mar. 29.
Scale, Weighing. A. A. Caille. 1,622,571; Mar. 29.
Scarf, Buffet. J. Schwab. Des. 72,333; Mar. 29.
Scoop, Cream. J. C. Ritter. 1,622,348; Mar. 29.
Scraper loading apparatus. E. J. Doberstein. 1,622,823; Mar. 29.
Scraper loading apparatus. R. J. Wood. 1,622,819; Mar. 29.
Screen. J. Bland. 1,622,305; Mar. 29.
Scriber, Electrically-controlled reproducing. E. Bueno. 1,622,366; Mar. 29.
Secondary battery. T. S. Cole. 1,622,767; Mar. 29.
Separator: *See*—
Dust separator. Storage-battery-plate separator.
Separator. B. T. Jones. 1,622,872; Mar. 29.

Sewage tank, Bacterial. L. S. R. Hopkins and H. L. Corthell. 1,622,646; Mar. 29.
Sewing machine. L. F. Fales. 1,622,774; Mar. 29.
Sewing machine, Portable. D. Beswick. 1,622,901; Mar. 29.
Sewing machines, Spreader mechanism for. R. Becker. 1,622,277; Mar. 29.
Shade bracket, Adjustable. L. Frasca. 1,622,779; Mar. 29.
Shade bracket, Adjustable. J. C. Klappenberger. 1,622,450; Mar. 29.
Shafting, Flexible. J. T. Dunn. 1,622,772; Mar. 29.
Shafts relatively to a third, Mechanism for varying the angular relationship of two. L. Coatalen and S. H. Attwood. 1,622,491; Mar. 29.
Sharpener, Skate. S. Turi. 1,622,476; Mar. 29.
Shaving-cup stand. A. Falella. 1,622,633; Mar. 29.
Sheet-feeding mechanism. H. A. Griffiths. 1,623,032; Mar. 29.
Sheet metal, Stretching die for. T. Jolstad. 1,622,590; Mar. 29.
Shock absorber, Vehicle. F. L. O. Wadsworth. 1,622,553; Mar. 29.
Shoe and slipper lasting machine. E. Tweedale and J. H. Nelson. 1,622,929; Mar. 29.
Shoe, Rubber-sole. D. A. Cutler. 1,622,860; Mar. 29.
Shoe-shining stands, Foot rest for. R. J. Jauch. 1,622,382; Mar. 29.
Shoe. F. Herrmann. 1,623,007; Mar. 29.
Shoveling machine, Fluid-pressure-operated. A. G. Liebmann. 1,622,456; Mar. 29.
Show case. F. Davis. 1,622,771; Mar. 29.
Shower baths, Inclosure for. M. J. Tracy. 1,622,983; Mar. 29.
Sign. C. A. Forsyth. 1,622,637; Mar. 29.
Signal: *See*—
Automobile signal. Thermostatic signal.
Electric audible signal.
Signal and stop light, Casing for a direction. J. C. Nordgran. Des. 72,329; Mar. 29.
Signal and train-control system, Cab. M. H. Loughridge. 1,622,285; Mar. 29.
Signaling and advertising device, Combined. E. H. Medén. 1,622,730; Mar. 29.
Sink stopple and soap dish, Combined. W. F. Schacht. 1,622,850; Mar. 29.
Sled and wagon. E. H. and E. Kenney. 1,622,789; Mar. 29.
Slicer, Meat. J. J. Quinn. 1,622,609; Mar. 29.
Sliding lock. J. Palacios. 1,622,804; Mar. 29.
Slurry, etc., Apparatus for agitating. J. S. Fasting. 1,622,280; Mar. 29.
Smoking pipe. I. A. Harrisberger. 1,622,585; Mar. 29.
Snowplow. C. R. Newhaus. 1,622,338; Mar. 29.
Socket, Tent-pole. S. T. Anderson. 1,622,273; Mar. 29.
Sole-pressing apparatus for use in the manufacture and repair of boots and shoes. T. E. Cann. 1,622,418; Mar. 29.
Sound amplifier. G. L. Bailey. Des. 72,304; Mar. 29.
Sound deadener. W. A. Scott. 1,622,469; Mar. 29.
Sound-locating apparatus. I. Langmuir. 1,622,594; Mar. 29.
Spark plug. A. Bourrieu. 1,622,760; Mar. 29.
Spatulating machine. T. J. Lewis. 1,622,833; Mar. 29.
Speedometer-fastening means. T. D. Adair, jr. 1,622,897; Mar. 29.
Spindle-stock guide, Head-. J. Dahmen. 1,622,375; Mar. 29.
Spinning. H. L. J. Chavassieu. 1,622,368; Mar. 29.
Spinning, doubling, and the like machines, Driving mechanism for. J. G. Barke and F. Hardman. 1,622,698; Mar. 29.
Spinning machine. A. Hirschmüller. 1,623,008; Mar. 29.
Spinning, twisting, and like machines, Doffing mechanism for. H. Schneider. 1,622,812; Mar. 29.
Spring: *See*—
Vehicular leaf spring.
Spring. J. W. Fryer. 1,622,711; Mar. 29.
Spring terminal clip A. P. Fahnestock. 1,622,631–2; Mar. 29.
Spring wheel. F. W. Decker. 1,622,905; Mar. 29.
Stair plate. H. Rosenblum and M. Schneider. 1,622,739; Mar. 29.
Stand: *See*—
Boiler stand. Shaving-cup stand.
Motor-cycle stand.
Stapling device. J. H. Routson. 1,622,293; Mar. 29.
Steamboat construction. H. Culp. 1,622,994; Mar. 29.
Steam boiler. P. John, sr. 1,622,736; Mar. 29.
Steam-fitter's appliance. W. L. Graves. 1,622,506; Mar. 29.
Steam plant. J. Ruths. 1,622,675; Mar. 29.
Steam trap. A. L. Grandstaff. 1,623,003; Mar. 29.
Steering-wheel holding device. J. W. Hoffman. 1,622,586; Mar. 29.
Steering-wheel lock. L. Laxton and C. L. Trosper. 1,622,454; Mar. 29.
Steering-wheel lock mechanism. D. J. Dolan. 1,622,575; Mar. 29.
Stencils, Making cloth. R. Tull. 1,622,747; Mar. 29.
Still. H. M. Lasher. 1,622,452; Mar. 29.
Still, Coking. R. Cross. 1,622,573; Mar. 29.
Stone-dressing tool. G. Maehl. 1,622,915; Mar. 29.
Stopper: *See*—
Bottle stopper.
Storage and handling system, Material. R. H. Beaumont. 1,622,566; Mar. 29.
Storage batteries, Manufacturing. C. M. Angell. 1,622,304; Mar. 29.
Storage battery, Automobile. O. C. Towle. 1,622,550; Mar. 29.
Storage-battery-plate separator. J. H. Meyer. 1,622,961; Mar. 29.
Strainer, Jelly. I. M. Muinch. 1,622,800; Mar. 29.
Strap fastener, Wire-. E. F. Murdock. 1,622,878; Mar. 29.
Stringed instruments, Improving the tone of. P. Bamberger. 1,622,484; Mar. 29.
Strip. C. A. McManamay. 1,622,959; Mar. 29.
Submarines, Device for raising sunken. L. T. Gardner. 1,622,866; Mar. 29.
Sucker-rod elevator. A. H. Neilson. 1,622,537; Mar. 29.
Suspension wheel, Method constructing. C. S. Ash. 1,622,268; Mar. 29.
Swage and raker gauge. D. D. Thomas. 1,622,745; Mar. 29.
Swimming apparatus. H. Kindt. 1,622,914; Mar. 29.
Switch: *See*—
Electric switch. Lighting and ignition switch.
Electric thermostatic switch. Railway switch.
Switch. W. E. Freese. 1,622,906; Mar. 29.
Switch. H. D. James. 1,622,649; Mar. 29.
Switch. O. Raley and G. Apperson. 1,622,541; Mar. 29.
Switches, Device for operating. A. C. Frue. 1,622,439; Mar. 29.
Table: *See*—
Drafting table. Extension table.
Tank: *See*—
Sewage tank.
Tank construction, Glass-. J. Rotheram and A. E. Evans. 1,622,346; Mar. 29.
Tanks, Fluid-pressure-operated means for indicating the quantity and specific gravity of the liquid contents of. H. Martin. 1,622,794; Mar. 29.
Telephone receiver. W. E. and W. H. La Pearle. 1,622,950; Mar. 29.
Telephone system, Automatic. J. Wicks. 1,622,405; Mar. 29.
Tent-pole shackle ring. M. L. McHugh. 1,622,600; Mar. 29.
Tent, Tourist's auto. F. D. Frazee. 1,622,435; Mar. 29.
Testing knuckle-pin casters, Device for. G. W. Prather. 1,622,342; Mar. 29.
Textile fabric or similar article. L. Biva. Des. 72,305–6; Mar. 29.
Textile fabric or similar article of manufacture. A. J. Heinke. Des. 72,316–17; Mar. 29.
Thermometer case. I. Q. Gurnee and A. A. Smith. Des. 72,315; Mar. 29.
Thermostatic signal. C. G. Schellenberger. 1,622,545; Mar. 29.
Thread cutter, Floating-. M. Leister. 1,622,653; Mar. 29.
Time recorder, Workman's. A. H. Gledhill. 1,623,000; Mar. 29.
Tire gauge, Automatic. L. O. Van Riper. 1,622,688; Mar. 29.
Tire-rim expanding and collapsing device. W. E. Springfield and B. W. Frazier. 1,622,549; Mar. 29.
Tire spreader. W. A. Mielke. 1,622,661; Mar. 29.
Tire spreader. E. H. Schaeffer and D. Apfel. 1,622,468; Mar. 29.
Tire stocks, Splicing solid-. G. W. Sieberling. 1,622,546; Mar. 29.
Tire-trimming apparatus. J. R. Gammeter. 1,622,440; Mar. 29.
Tire, Vehicle. F. E. Rush. 1,622,848; Mar. 29.
Tobacco case. W. Baehne. 1,622,407; Mar. 29.
Tobacco pipe. F. Hoffman. 1,623,009; Mar. 29.
Toy, Aquatic. C. H. Budde. 1,622,570; Mar. 29.
Toy, Figure wheeled. E. A. Stier. 1,622,473; Mar. 29.
Toy train track. J. L. Cowen. Re16,580; Mar. 29.
Toy vehicle. M. Forchheimer. 1,622,636; Mar. 29.
Toy, Wheeled. S. Kiper. 1,623,033; Mar. 29.
Toy, Wheeled. R. Troxell. 1,622,852; Mar. 29.
Tractor hitch. J. P. Livingston. 1,622,328; Mar. 29.
Traffic indicator. H. Warburton and G. A. Sherwood. 1,622,932; Mar. 29.
Train-control system, Absolute-permissive block. W. W. Wenholz. 1,623,023; Mar. 29.
Transmission brake. H. T. Thomas. 1,622,475; Mar. 29.
Transmission case. V. E. Shakespeare. 1,622,978; Mar. 29.
Transmission or brake band. J. C. Webb. 1,622,477; Mar. 29.
Trap: *See*—
Sand trap. Steam trap.
Trigger control. C. N. Fairchild. 1,622,501; Mar. 29.
Trolley wheel. F. Thornton. 1,622,296; Mar. 29.
Truck, Searchlight. M. L. Patterson. 1,622,392; Mar. 29.
Tube: *See*—
Dispensing tube.
Tube-forming mill. R. C. Stiefel. 1,622,744; Mar. 29.
Tubing. H. Schlaich. 1,622,397; Mar. 29.
Tubing from separate reels of skelp, Apparatus for manufacturing continuous. J. W. Moon. 1,622,336; Mar. 29.
Turbine, Steam. W. Pape. 1,622,805; Mar. 29.

Turbo machine. T. Von Kármán and K. Fromm. 1,622,930; Mar. 29.
Two-cycle internal-combustion engine. R. Hildebrand. 1,622,717; Mar. 29.
Type-setting and casting machines, Device for cleaning matrices of. C. Christel. 1,623,016; Mar. 29.
Typewriters and the like, Mounting for. W. F. Gillespie. 1,622,713; Mar. 29.
Typewriting machine. E. E. Barney. 1,622,276; Mar. 29.
Typewriting machine. G. G. Going. 1,622,640; Mar. 29.
Typographical machine. H. Petersen. 1,622,291; Mar. 29.
Typographical machine. N. Testi. 1,622,982; Mar. 29.
Universal follow rest. F. B. Cockburn. 1,622,822; Mar. 29.
Universal joint. W. S. Dwyer. 1,622,425; Mar. 29.
Vacuum tubes, Support for. M. Alden. 1,622,267; Mar. 29.
Valve. P. M. Johnson. 1,622,723; Mar. 29.
Valve. C. Wilhjelm. 1,622,406; Mar. 29.
Valve, Automatic. L. Kalkbrenner. 1,622,448; Mar. 29.
Valve for internal-combustion motors, Spark-plug. C. A. Rudqvist. 1,622,349; Mar. 29.
Valve for toilet-flushing mechanism, Inlet. C. A. Wulf. 1,622,696; Mar. 29.
Valve, Inner tire. D. Marrazzo. 1,622,332; Mar. 29.
Valve, Magnetically-controlled fluid. W. Raymond. 1,622,672; Mar. 29.
Valve-operating mechanism. L. Coatalen. 1,622,492; Mar. 29.
Valve springs of internal-combustion engines and for like purposes, Device for compressing. H. C. Jenkins. 1,622,319; Mar. 29.
Valve structure, By-pass. P. L. Fowler. 1,622,778; Mar. 29.
Vanity case. C. L. Marcus. 1,622,463; Mar. 29.
Vault or safe doors and the like, Construction of. G. M. Goldsmith and C. Bartels. 1,622,825; Mar. 29.
Vehicle bodies, Construction of motor road. F. J. Barnes. 1,622,890; Mar. 29.
Vehicle brake device. H. S. Clark. 1,622,420; Mar. 29.
Vehicle bumper. L. Amato. 1,622,754; Mar. 29.
Vehicle construction, Cushion connection for. A. H. Lepert. 1,622,729; Mar. 29.
Vehicle inclosure heating and ventilating means. W. G. Dunn. 1,622,498; Mar. 29.
Vehicle lock. E. C. Peterson. 1,622,839; Mar. 29.
Vehicle, Motor. J. S. Booth. Re16,579; Mar. 29.
Vehicle wheel. E. Landon. 1,622,593; Mar. 29.
Vehicle wheel. C. F. Rubsam. 1,622,846; Mar. 29.
Vehicle wheel construction. L. Fine. 1,622,310; Mar. 29.
Vehicles, Bumper for motor. W. A. and T. H. Guenther. 1,622,542; Mar. 29.
Vehicles, Elastic suspension system for. F. L. O. Wadsworth. 1,622,802; Mar. 29.
Vehicles, Lifeguard or obstruction remover for motor propelled and similar. B. L. Grafham. 1,622,868; Mar. 29.
Vehicles, Parking device for motor. J. Myers. 1,622,802; Mar. 29.
Vehicles, Spring suspension for. F. L. O. Wadsworth. 1,622,552; Mar. 29.
Vehicles, Spring suspension system for motor. F. L. O. Wadsworth. 1,622,891; Mar. 29.
Vehicles, Ventilating and heating system for motor. D. K. Swartwout. 1,622,359; Mar. 29.
Vehicular leaf spring. A. P. Koebcke. 1,622,727; Mar. 29.
Ventilator: *See*—
Window ventilator.
Vibration amplifier. W. Hahnemann, H. Hecht, H. Lichte, and L. Adelmann. 1,622,507; Mar. 29.
Vibrator mechanism. L. J. Wahl. 1,622,298; Mar. 29.
Voltmeter, Vacuum-tube. L. C. F. Horle. 1,622,786; Mar. 29.
Vulcanization process and product. P. I. Murrill. 1,622,535–6; Mar. 29.
Vulcanizing under fluid pressure, Apparatus for. R. D. Fritz. 1,622,438; Mar. 29.
Wall, Baffle. J. E. Muhlfeld. 1,622,288; Mar. 29.
Washbasins, fountains, and the like, Screw connection for siphons of. H. Fahnenschmidt. 1,622,778; Mar. 29.
Washing machine. G. W. Rynders. 1,622,543; Mar. 29.
Water-closets, Suction device for. J. D. Cameron. 1,622,993; Mar. 29.
Water heater of the storage type, Electric. A. E. Lewis. 1,622,951; Mar. 29.
Water motor. R. A. Robertson. 1,622,610; Mar. 29.
Water-power wheel. G. E. Brooks. 1,622,365; Mar. 29.
Weather strip. C. A. Pipenhagen. 1,622,393; Mar. 29.
Weaving narrow-width ware and machine for carrying out such method. B. Renshaw. 1,622,542; Mar. 29.
Weigh pan. J. P. Vogel. 1,622,984; Mar. 29.
Welding, soldering, or the like, Machine for electric. J. E. J. Languepin. 1,622,792; Mar. 29.
Welt-rolling machine. A. H. Havir. 1,622,281; Mar. 29.
Wheel: *See*—
Buffing wheel. Trolley wheel.
Road wheel. Vehicle wheel.
Spring wheel. Water-power wheel.
Wheel and throttle lock, Ford. R. V. Behning. 1,623,029; Mar. 29.
Wheelbarrow. I. R. Smith. 1,622,354; Mar. 29.
Wheels, Device used for controlling the speed of water. H. V. Carpenter. 1,622,763; Mar. 29.
Wheels, Manufacturing semiwood. H. Flick. 1,622,504; Mar. 29.
Winch. J. C. Smaltz. 1,623,021; Mar. 29.
Winder, B. A. Peterson. 1,622,607; Mar. 29.
Window-casement control. W. F. Klein. 1,622,385; Mar. 29.
Window cleaner. R. Greenberg. 1,623,004; Mar. 29.
Window-control mechanism, Mounting for. S. W. Nicholson. 1,622,603; Mar. 29.
Window fastener. J. Retslaff. 1,622,808; Mar. 29.
Window lock. O. E. Shostrom. 1,622,979; Mar. 29.
Window, Rear. J. H. Webber. 1,622,933; Mar. 29.
Window-screen hanger. M. S. Serpa. 1,622,927; Mar. 29.
Window ventilator. S. V. Van Berschot. 1,622,854; Mar. 29.
Windshield cleaner, Automatic. L. A. Barett and C. Hunt. 1,623,028; Mar. 29.
Windshield clearer. H. R. Burton. 1,622,416; Mar. 29.
Wire cutter. R. E. Jourdan. 1,622,446; Mar. 29.
Wireless transmission system. D. G. Little. 1,622,654; Mar. 29.
Wood preservative. K. H. Wolman, F. Peters, and H. Pfug. 1,622,751; Mar. 29.
Work holder. B. S. Warner. 1,622,855; Mar. 29.
Worm and worm-wheel transmission. H. Austin. 1,622,987; Mar. 29.
Worm-grinding machine. H. E. Durkee. 1,622,628; Mar. 29.
Wrist-watch straps, Extension member for. J. P. Benjamin. 1,622,989; Mar. 29.
Zinc gold slimes and apparatus therefor, Treatment of. C. E. Meyer. 1,622,960; Mar. 29.

CLASSIFICATION OF PATENTS

ISSUED MARCH 29, 1927.

NOTE.—First number—class, second number—subclass, third number—patent number.

2— 18: 1,622,322
27: 1,622,373
43: 1,623,031
146: 1,622,749
161: 1,623,019
265: 1,622,408
1,622,743
4— 213: 1,622,993
272: 1,622,728
293: 1,622,850
5— 119: 1,622,462
167: 1,622,702
258: 1,622,711
7— 13: 1,622,466
8— 21: 1,622,893
9— 3: 1,622,508
21: 1,622,914
10— 24: 1,622,935
1,622,936
120.5: 1,622,411
12— 12: 1,622,929
38: 1,622,418
67.1: 1,622,281
87: 1,622,838
15— 77: 1,623,016
136: 1,623,004
165: 1,622,900
253: 1,622,416
267: 1,622,382
16— 39: 1,622,734
47: 1,622,447
86: 1,622,759
97: 1,622,400
126: 1,622,735
163: 1,622,451
172: 1,622,617
1,622,927
202: 1,622,988
18— 6: 1,622,438
19: 1,623,022
34: 1,622,665
48: 1,622,325
1,622,347
53: 1,622,533
1,622,536
54: 1,622,368
55: 1,622,340
1,622,396
20— 2: 1,622,962
49: 1,622,729
52.4: 1,622,393
69: 1,622,959
76: 1,622,656
22— 69: 1,622,788
77: 1,622,875
96: 1,622,623
151: 1,622,750
23— 151: 1,622,372
190: 1,622,731
24— 3: 1,622,532
11: 1,622,316
25: 1,622,889
29: 1,622,878
71: 1,622,989
129: 1,622,324
163: 1,622,954
225: 1,622,269
241: 1,622,971
259: 1,622,662
25—131.5: 1,622,526
26— 11: 1,622,653
23: 1,622,395
31: 1,622,863
27— 3: 1,622,777
30: 1,622,995
35: 1,622,529
29— 86.3: 1,622,319
148.2: 1,622,664
174: 1,622,268
30— 10: 1,622,570
12: 1,622,904
17: 1,622,446
32— 1: 1,622,910
4: 1,622,663
19: 1,622,856
33— 1: 1,622,445
3: 1,622,890
33— 18: 1,622,366
76: 1,622,524
133: 1,622,360
174: 1,622,908
180: 1,622,560
208: 1,622,342
212: 1,622,752
34— 5: 1,623,017
36— 1: 1,623,007
2: 1,622,630
14: 1,622,860
72: 1,622,859
37— 44: 1,622,338
105: 1,622,761
115: 1,622,819
40— 53: 1,622,410
112: 1,622,913
130: 1,622,200
130: 1,622,637
133: 1,622,436
1,622,730
147: 1,622,400
41— 10: 1,623,030
30: 1,622,775
35: 1,622,999
43— 112: 1,622,922
115: 1,622,591
136: 1,623,006
44— 9: 1,622,572
36: 1,622,738
45— 50: 1,622,313
77: 1,622,422
97: 1,622,486
1,622,554
109: 1,622,847
113: 1,622,544
137: 1,622,713
46— 40: 1,622,562
1,622,570
45: 1,622,473
46: 1,622,606
48: 1,622,636
1,622,852
1,623,033
49— 17: 1,622,817
17.1: 1,622,417
33: 1,622,346
47: 1,622,663
55: 1,622,666
51— 33: 1,622,755
52: 1,622,608
88: 1,622,527
96: 1,622,628
166: 1,622,292
170: 1,622,592
209: 1,622,942
214: 1,622,476
53— 1: 1,622,975
7: 1,622,351
8: 1,622,587
54— 49: 1,622,510
55— 37: 1,622,343
56— 25: 1,622,611
203: 1,622,923
299: 1,622,299
58— 35: 1,622,588
60— 43: 1,622,675
70: 1,622,805
61— 3: 1,622,568
62— 5: 1,622,519
1,622,520
1,622,521
1,622,522
37: 1,622,920
51: 1,622,766
64: 1,622,478
92: 1,622,626
118: 1,622,523
126: 1,622,376
63— 4: 1,622,770
64— 30: 1,622,772
91: 1,622,425
65— 13: 1,622,858
66— 41: 1,622,857
43: 1,623,027
110: 1,622,976
172: 1,623,024
67— 65: 1,622,373
115: 1,622,445
68— 10: 1,622,408
1,623,404
1,622,495
18: 1,622,275
1,622,543
70— 14: 1,622,979
47: 1,622,732
53: 1,622,605
54: 1,622,489
108: 1,622,999
126: 1,623,029
127: 1,622,490
1,622,500
1,622,501
1,622,502
1,622,899
129: 1,622,454
1,623,575
71— 9: 1,622,684
72— 16: 1,622,983
30: 1,622,997
41: 1,622,369
66: 1,622,320
101: 1,622,697
73— 31: 1,622,843
51: 1,622,602
54: 1,622,503
62: 1,622,967
110: 1,622,517
74— 7: 1,622,491
1,622,499
1,622,783
14: 1,622,780
1,622,841
1,623,026
21: 1,622,998
34: 1,622,842
38: 1,622,919
39: 1,622,530
41: 1,622,556
56: 1,622,978
79: 1,622,967
100: 1,622,449
108: 1,622,579
109: 1,622,888
75— 1: 1,622,576
1,622,804
45: 1,622,977
76— 46: 1,622,745
77— 5: 1,622,678
28: 1,622,725
78— 83: 1,622,336
80— 11: 1,622,744
41: 1,622,286
81— 15: 1,622,627
41: 1,622,506
82— 39: 1,622,822
83— 6: 1,622,515
11: 1,622,849
27: 1,622,580
28: 1,623,001
46: 1,622,695
73: 1,622,294
75: 1,622,024
84— 172: 1,623,364
338: 1,622,931
87— 4: 1,622,974
13: 1,622,921
88— 1: 1,622,933
1,622,958
39: 1,622,350
42: 1,622,724
52: 1,622,668
53: 1,622,615
56: 1,622,776
89— 4: 1,622,861
90— 4: 1,622,555
91— 60: 1,622,855
68: 1,622,444
92— 21: 1,622,496
40: 1,622,474
93— 6: 1,622,700
94— 18: 1,622,311
42: 1,622,762
95— 1.1: 1,622,925
97— 143: 1,622,968
147: 1,622,863
154: 1,622,740
175: 1,622,488
188: 1,622,665
192: 1,622,497
198.1: 1,622,865
202: 1,622,619
227: 1,622,998
98— 99: 1,622,854
99— 11: 1,623,390
100— 57: 1,622,669
101— 129: 1,622,747
102— 6: 1,622,992
103— 26: 1,622,514
1,622,694
160: 1,622,816
202: 1,622,384
220: 1,623,015
104— 6: 1,622,970
151: 1,622,815
105— 30: 1,622,917
102: 1,622,315
117: 1,622,765
163: 1,622,574
220: 1,622,599
306: 1,622,718
411: 1,622,582
1,622,583
1,622,584
107— 48: 1,622,248
108— 5.4: 1,622,509
100— 1: 1,622,825
3: 1,622,608
110— 18: 1,622,431
40: 1,622,312
87: 1,622,288
1,622,356
112— 3: 1,622,712
162: 1,622,277
178: 1,622,414
200: 1,622,774
113— 28: 1,622,558
38: 1,622,590
95: 1,622,781
113: 1,623,032
116: 1,622,533
114— 53: 1,622,966
79: 1,622,830
116— 47: 1,622,895
114: 1,622,545
117— 35: 1,623,008
118— 18: 1,622,812
120— 24: 1,622,367
121— 62: 1,622,986
163: 1,622,464
164: 1,623,028
122— 23: 1,622,560
74: 1,623,012
305: 1,622,736
360: 1,622,947
379: 1,622,339
391: 1,622,577
510: 1,622,303
123— 25: 1,622,701
32: 1,622,885
65: 1,622,717
69: 1,622,396
80: 1,622,200
122: 1,622,496
124: 1,622,811
139: 1,622,266
140: 1,622,492
1,622,699
143: 1,622,871
145: 1,622,349
169: 1,622,760
171: 1,622,388
173: 1,622,813
1,622,965
175: 1,622,557
1,622,662
182: 1,622,937
185: 1,622,289
195: 1,622,687
198: 1,622,705
125— 26: 1,622,869
37: 1,622,915
126— 43: 1,622,633
116: 1,622,807
120: 1,622,944
168: 1,622,634
262: 1,622,494
296: 1,622,782
128— 156: 1,622,948
258: 1,622,902
261: 1,622,616
129— 15: 1,622,641
16: 1,622,670
16.7: 1,622,753
131— 12: 1,622,585
1,623,009
37: 1,622,378
39: 1,622,966
132— 32: 1,622,798
1,622,821
36: 1,622,957
37: 1,622,534
43: 1,622,660
45: 1,622,647
48: 1,623,034
83: 1,622,463
134— 26: 1,622,484
34: 1,622,353
47: 1,622,379
78.6: 1,622,751
135— 1: 1,622,435
2: 1,622,273
3: 1,622,746
15: 1,622,600
136— 111: 1,622,767
145: 1,622,961
168: 1,622,550
175: 1,622,402
176: 1,622,704
137— 20: 1,622,532
75: 1,622,397
78: 1,622,715
103: 1,623,003
104: 1,622,696
139: 1,622,672
1,622,723
160: 1,622,692
139— 18: 1,622,542
100: 1,622,757
323: 1,622,344
1,622,345
141— 11: 1,622,909
144— 2: 1,622,538
136: 1,623,020
146— 3: 1,622,874
31: 1,622,309
110: 1,622,609
140— 28: 1,622,720
150— 28: 1,622,306
45: 1,622,716
151— 41: 1,622,581
152— 11.5: 1,622,341
1,622,688
12: 1,622,332
27: 1,622,468
1,622,661
28: 1,622,905
32: 1,622,848
44: 1,622,867
153— 32: 1,622,426
49: 1,622,806
54: 1,622,540
154— 2.5: 1,622,795
2.6: 1,622,796
12: 1,622,546
17: 1,622,601
22: 1,622,700
24: 1,622,450
1,622,779
157— 1: 1,622,504
1,622,549
158— 1: 1,622,395
36.2: 1,622,513
91: 1,622,963
92: 1,622,828
99: 1,622,972
106: 1,622,820
159— 28: 1,622,918
161— 10: 1,622,443
164— 19: 1,622,458
46: 1,622,487
57: 1,622,655
61: 1,622,440
70: 1,622,265
96: 1,622,401
166— 1: R. 16,577
14: 1,623,010
167— 9: 1,622,391
168— 40: 1,622,748
170— 102: 1,622,610
124: 1,622,365
165: 1,622,472
172: 1,622,535
171— 119: 1,622,531
228: 1,622,596
229: 1,622,262
1,622,620
172— 276: 1,622,567
173— 237: 1,622,551
250: 1,622,262
1,622,631
1,622,632
328: 1,622,267
338: 1,622,708
366: 1,622,648
174— 89: 1,622,857
175— 183: 1,622,786
294: 1,622,539
176— 16: 1,622,826
74: 1,622,505
177— 7: 1,622,802
311: 1,622,677
329: 1,622,361
339: 1,622,932
351: 1,622,794
352: 1,622,679
364: 1,622,457
179— 2: 1,622,335
27: 1,622,405
78: 1,622,357
119: 1,622,960
171: 1,622,507
1,622,851
180— 1: 1,622,802
70: R. 16,579
181— 26: 1,622,594
182— 31: 1,622,652
183— 2.5: 1,622,263
22: 1,622,492
83: 1,622,643
91: 1,622,644
113: 1,622,872
184— 6: 1,622,278
187— 73: 1,622,943
188— 18: 1,622,475
77: 1,622,785
78: 1,622,420
152: 1,622,419
194: 1,622,465
213: 1,622,516
234: R. 16,578
249: 1,622,477
1,622,681
189— 37: 1,622,559
82: 1,622,363
190— 12: 1,622,327
191— 44.1: 1,622,940
192— 56: 1,622,793
59: 1,622,955
1,622,956
84: 1,622,939
193— 37: 1,622,758
194— 81: 1,622,845
196— 29: 1,623,018
42: 1,622,879
52: 1,622,453
54: 1,623,025
85: 1,622,964
94: 1,622,737
104: 1,622,452
122: 1,622,573
140: 1,622,941
197— 136: 1,622,640
138: 1,622,276

198— 27: 1,622,836
199— 13: 1,622,291
45: 1,622,982
200— 44: 1,622,706
1,622,707
52: 1,622,906
59: 1,622,301
1,622,424
1,622,439
1,622,541
94: 1,622,649
116: 1,622,907
139: 1,622,721
144: 1,622,630
201— 48: 1,622,901
70: 1,622,485
202— 15: 1,622,722
204— 64: 1,622,621
1,622,622
1,622,650
1,622,651
206— 7: 1,622,323
16: 1,622,518
41: 1,622,407
44: 1,623,284
208— 81: 1,623,383
125: 1,622,912
209— 347: 1,622,305
467: 1,623,471
481: 1,622,386
210— 6: 1,622,646
162: 1,622,800
211— 14: 1,623,612
24: 1,622,726
25: 1,622,771
29: 1,622,597
34: 1,622,314
213— 100: 1,622,479
214— 15: 1,623,994
24: 1,622,902
37: 1,622,461
41: 1,622,566
87: 1,622,380
214— 110: 1,622,823
125: 1,622,589
132: 1,622,456
215— 11: 1,622,512
37: 1,622,625
51: 1,622,658
95: 1,622,547
216— 54: 1,622,381
217— 125: 1,622,674
219— 4: 1,622,792
20: 1,622,635
1,622,803
32: 1,622,334
39: 1,622,951
220— 45: 1,622,326
1: 1,622,787
27: 1,622,831
39: 1,623,274
86: 1,622,659
87: 1,622,853
97: 1,622,399
221— 60: 1,622,526
1,622,714
64: 1,622,318
67: 1,622,881
1,622,882
80: 1,622,561
100: 1,622,810
110: 1,622,317
112: 1,622,801
120: 1,622,565
127: 1,622,686
222— 3: 1,622,337
224— 29: 1,622,308
1,622,586
225— 21: 1,623,011
226— 14: 1,622,493
22: 1,622,833
43: 1,622,287
229— 23: 1,622,525
72: 1,622,824
230— 6: 1,622,576
11: 1,622,827
230— 11: 1,622,990
14: 1,622,355
24: 1,622,689
31: 1,622,868
232— 41: 1,622,412
234— 43: 1,623,000
235— 59: 1,622,916
60: 1,622,279
131: 1,622,564
133: 1,622,563
138: 1,622,790
236— 32: 1,622,973
45: 1,622,710
93: 1,623,778
237— 12.3: 1,622,350
238— 152: 1,622,614
329: 1,622,613
240— 25: 1,622,272
41: 1,622,395
1,622,487
1,622,764
1,622,938
1,622,963
59: 1,623,002
73: 1,622,934
78: 1,622,548
242— 11: 1,622,427
1,622,432
35.6: 1,622,607
244— 2: 1,622,709
14: 1,623,844
15: 1,622,676
20: 1,622,629
246— 33: 1,623,023
34: 1,622,460
63: 1,622,283
314: 1,622,980
419: R. 16,580
247— 1: 1,622,333
248— 30: 1,622,897
34: 1,622,741
41: 1,622,884
250— 8: 1,622,297
250— 11: 1,622,370
17: 1,622,654
27: 1,622,604
31: 1,622,459
34: 1,622,320
1,622,321
1,622,371
40: 1,622,389
252— 1: 1,622,809
2: 1,622,671
253— 140: 1,622,763
254— 89: 1,623,013
94: 1,622,352
187: 1,623,021
255— 18: 1,622,331
19: 1,622,704
1,622,784
28: 1,622,896
35: 1,622,467
256— 54: 1,622,263
257— 21: 1,622,511
29: 1,622,709
43: 1,622,374
183: 1,622,645
259— 113: 1,622,298
136: 1,622,928
144: 1,622,280
260— 11: 1,622,534
12: 1,623,005
14: 1,622,271
98: 1,622,690
115: 1,622,991
261— 12: 1,622,797
91: 1,622,413
116: 1,622,945
262— 1: 1,622,837
265— 5: 1,622,302
9: 1,622,571
10: 1,622,481
12: 1,622,455
27: 1,622,984
49: 1,622,924
266— 9: 1,622,960
266— 19: 1,622,433
1,622,434
267— 17: 1,622,552
1,622,553
1,622,891
30: 1,622,729
47: 1,622,727
65: 1,622,862
73: 1,622,769
268— 1: 1,622,307
50: 1,622,394
120: 1,622,385
126: 1,623,603
128: 1,622,886
271— 23: 1,622,518
273— 41: 1,622,981
55: 1,622,691
62: 1,622,421
77: 1,622,864
119: 1,622,877
123: 1,622,330
138: 1,622,673
152: 1,622,638
274— 10: 1,622,756
1,622,814
17: 1,622,441
275— 15: 1,622,423
277— 41: 1,622,406
280— 8: 1,622,789
9: 1,622,719
33.1: 1,622,470
33.10: 1,622,328
52: 1,622,354
94.1: 1,622,358
282— 19: 1,622,415
283— 9: 1,622,329
66: 1,622,642
285— 122: 1,622,773
132: 1,622,768
287— 52: 1,622,680
53: 1,622,990
288— 1: 1,622,911
290— 1: 1,622,392
290— 38: 1,622,377
291— 11: 1,622,657
292— 45: 1,622,808
59: 1,623,791
136: 1,622,742
153: 1,622,804
170: 1,622,387
228: 1,622,926
271: 1,622,898
342: 1,622,949
293— 17: 1,622,754
54: 1,622,868
55: 1,622,442
1,622,667
294— 16: 1,622,946
91: 1,622,537
295— 7: 1,622,469
296— 44: 1,622,598
103: R. 16,581
107: 1,622,899
299— 62: 1,622,952
152: 1,622,733
301— 9: 1,622,310
10: 1,622,846
35: 1,622,270
303— 6.1: 1,622,429
19: 1,622,430
11: 1,622,480
60: 1,622,428
305— 3: 1,623,014
306— 37: 1,622,996
308— 3: 1,622,375
189: 1,622,483
1,622,880
190: 1,622,296
196: 1,622,578
215: 1,622,985
218: 1,622,618

OFFICIAL GAZETTE

OF THE

UNITED STATES PATENT OFFICE

BANGOR
PUBLIC
LIBRARY
BANGOR ME.

VOLUME 357

APRIL

1927

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON
1927

BANGOR PUBLIC LIBRARY BANGOR, ME.

CONTENTS.

	Page.
DECISIONS OF THE COMMISSIONER OF PATENTS, April 5, 12, 19, 26	3, 271, 533, 787
TRADE-MARKS PUBLISHED AND REGISTERED, April 5, 12, 19, 26	7, 275, 537, 791
LABELS AND PRINTS REGISTERED, April 5, 12, 19, 26	61, 316, 588, 845
REISSUES, April 5, 12, 19, 26	63, 319, 591, 847
DESIGNS, April 5, 12, 19, 26	64, 320, 593, 848
PATENTS, April 5, 12, 19, 26	78, 333, 604, 854

ANNOUNCEMENTS.

	Page.
ADVERSE DECISIONS IN INTERFERENCE	1, 274, 536, 790
APPLICATIONS—Condition of pending	2, 270, 532, 786
BRIEFS—Appealed cases	269
CHANGE IN PRICE OF OFFICIAL GAZETTE PUBLICATIONS	1, 531
DISCLAIMERS—Benson, Bernhart A	790
Jensen, Louis (two cases)	536
Rogers, John F	1
Soubier, Leonard D	536
FEES—Changes in, effective April 14, 1927	1, 269
INTERFERENCE NOTICES—Peterson, Swan O	785
Stanley, Austin O	531, 785
Wynne Paper Co., The	785
NOTICE—Registration of marks—Change of class	269
OFFICIAL GAZETTE—Change in price	1, 531
PATENT LAWS—Amendments—Appeal before accounting in patent infringements	5
Changes in filing fees	5, 269
Changes in time for amendments, etc	5
Jurisdiction of Supreme Court of the District of Columbia enlarged	6
Marking of patented articles	5
PATENT SUITS	3, 273, 534, 788
PATENTS—List of adjudicated	5, 269, 531, 790
TIME LIMIT FOR ACTIONS	531, 785
TRADE-MARKS—Canceled	5, 536
Notice of cancellation	6

TABLE OF CASES REPORTED.

	Page.
Kishpaugh v. Gauthier	787
[a] Montevallo Mining Company v. Little Gem Coal Company and Blake Coal Company	3
[c] Muther et al. v. United Shoe Machinery Corporation	271
[a] My Own Company v. The Janszen Grocery Company	788
Sachs v. Ball	787
Stringham. Ex parte	533

[Decisions of the Court of Appeals of the District of Columbia are indicated by the letter ([a]) and of the United States Circuit Court of Appeals by the letter ([c]).]

ERRATA.

72,524, (Design), page 851, in the heading, line 6, term of patent, for "3½ years" read *7 years*.

1,625,148, page 654, in the heading, assignment, name of the assignee, for "S. R. Penn Mfg. Co." read *G. R. Penn Mfg. Co.*

1,625,698, page 768, in the heading, assignment, after the word "assignor" strike out the words "of one-half."

1,625,827, page 863, in the heading, assignment, name of the assignee, for "Multiposter Company" read *Multipost Company*.

1,626,200, page 939, in the heading, assignment, residence of assignee, for "Brooklyn, N. Y.," read *Brookline, Mass.*

Patents Nos. 1,623,035 to 1,623,953.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 357—No. 1. TUESDAY, APRIL 5, 1927. Price—$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $10.00 per annum; single numbers, 25 cents each.

PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.

CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

CONTENTS.

	Page.
Issue of April 5, 1927	1
Change in Price of Official Gazette Publications	1
Disclaimer	1
Adverse Decisions in Interference	1
Notice—Changes in Patent Office Fees	1
Applications Under Examination	2
Decisions of the U. S. Courts—	
Montevallo Mining Company v. Little Gem Coal Company and Blake Coal Company	3
Patent Suits	3
Adjudicated Patents	5
Trade-Marks Canceled	5
Marking of Patented Articles	5
Changes in Filing Fees	5
Appeal Before Accounting in Patent Infringement Suits	5
Changes in Times for Amendments and Other Actions and in Procedure on Appeal in the Patent Office and in the Courts	5
Jurisdiction of Supreme Court of the District of Columbia Enlarged in Suits Under Sections 4915 and 4918, R. S.	6
Notice of Cancellation	6
Trade-Marks Published (373 Applications)	7
Trade-Mark Registrations Granted	44
Trade-Mark Registrations Renewed	57
Labels	61
Prints	62
Reissues	63
Designs	64
Patents Granted	78

Issue of April 5, 1927.

Trade-Marks	304—No.	226,159 to No.	226,462, inclusive.
T. M. Renewals	102		
Labels	52—No.	31,859 to No.	31,910, inclusive.
Prints	19—No.	9,693 to No.	9,711, inclusive.
Reissues	7—No.	16,582 to No.	16,588, inclusive.
Designs	65—No.	72,338 to No.	72,402, inclusive.
Patents	919—No.	1,623,035 to No.	1,623,953, inclusive.
Total	1,468		

Change in Price of Official Gazette Publications.

The price of the Official Gazette has been advanced, beginning March 1, 1927, to $10.00 a year, which will not include the Annual Index.

The Index hereafter will be published in two parts—one on patents, price $1.00, and the other on trade-marks, price 50 cents.

Disclaimer.

1,572,041.—*John F. Rogers*, Cleveland Heights, Ohio. Gas Producer. Patent dated February 9, 1926. Disclaimer filed March 21, 1927, by the assignee, *The Wellman-Seaver-Morgan Company*.

Hereby enters this disclaimer to those portions of the claims attached to said specification which are in the following words, to wit:

"22. In a gas producer, a producer body, an ash pan at the bottom thereof, said producer body and pan being relatively rotatable, and the pan having a central portion through which a blast is adapted to be delivered, the pan and body being supported substantially coaxially but wholly independently of each other.

"24. In a gas producer, a producer body, an ash pan beneath the same, the ash pan and producer body being relatively rotatable, and the pan having a hollow central portion through which a blast may be delivered, a blast delivery hood in the lower part of the producer body, and supporting means extending from the hood into the central part of the pan."

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,491,991, Lacy and Karlson, Beverage mixer and heater, decided January 4, 1927, claim 12.

Pat. 1,529,631, W. H. Lieber, Hydraulic machine, decided February 26, 1927, claims 1, 12, and 13.

Pat. 1,575,558, Einstein, Nenninger, and Archea, Centerless grinding machine, decided February 14, 1927, claim 2.

Pat. 1,598,901, H. F. Waite, Automatic regulator and regulating process for X-ray systems, decided February 26, 1927, claim 3.

NOTICE—CHANGES IN PATENT OFFICE FEES—EFFECTIVE APRIL 14, 1927.

The act of Congress approved February 14, 1927, amends section 4934, Revised Statutes, so as to provide (except in design cases) a fee on filing each original application for a patent of $20 and of $1 for each claim in excess of twenty, and on issuing each original patent, of $20 and of $1 for each claim in excess of twenty.

The new rates are effective in connection with all applications filed on or after April 14, 1927, and all final fees paid on or after that date.

In every case which contains more than twenty claims, the payment after April 18, 1927, of a final fee of $20, or less than $20 plus $1 for each claim in excess of twenty, will not save the case from forfeiture.

1549.

Condition of Applications Under Examination at Close of Business March 25, 1927.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 56,658; Trade-Mark Division, 1,360. Oldest new case, Aug. 5, 1926; oldest amended, Aug. 5, 1926. The dates given are 1926 except where † indicates 1927.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders	†Jan. 17	†Jan. 19	504
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Dec. 2	Dec. 3	662
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 6	Nov. 5	1,472
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Oct. 4	Oct. 23	1,419
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters	Oct. 9	Oct. 16	895
318	6. LEWERS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation	Aug. 23	Sept. 9	1,607
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Oct. 14	Oct. 19	1,177
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Nov. 17	Nov. 29	1,632
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	†Jan. 6	†Jan. 10	713
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops	Nov. 8	Nov. 11	1,155
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.	Dec. 16	Dec. 18	877
380	12. PIERCE, P. P., Machine Elements	Nov. 3	Nov. 15	1,041
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Oct. 15	Nov. 20	1,180
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 30	Oct. 19	1,064
329	15. REROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Nov. 19	Dec. 2	1,257
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Nov. 26	Dec. 20	678
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 22	Oct. 25	727
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 8	Sept. 20	957
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Dec. 14	Dec. 8	735
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Nov. 12	Nov. 22	948
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Oct. 26	Nov. 2	922
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion	Oct. 4	Sept. 27	819
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 25	Nov. 15	583
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 22	Sept. 18	981
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal-Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.	Sept. 13	Nov. 1	1,184
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 16	Oct. 30	858
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Dec. 2	Dec. 7	844
223	28. BENSON, A. R., Internal-Combustion Engines	Nov. 15	Dec. 8	1,125
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Oct. 21	Nov. 2	1,115
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Nov. 11	Dec. 29	893
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Nov. 2	Nov. 9	1,470
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation	Nov. 9	Nov. 12	861
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Dec. 4	Dec. 20	1,170
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders	Oct. 11	Oct. 19	793
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Dec. 18	Jan. 10	687
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	†Jan. 6	†Jan. 11	809
224*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	Oct. 15	Nov. 3	1,371
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Sept. 7	Sept. 27	1,054
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	†Jan. 11	†Jan. 18	430
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles	Nov. 19	Nov. 22	1,613
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Dec. 27	Dec. 14	658
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Oct. 11	Oct. 5	1,521
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Dec. 2	Dec. 7	830
253	44. SHAFFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Oct. 11	Oct. 16	1,063
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Dec. 2	Dec. 9	857
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Nov. 11	Nov. 2	928
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 19	Nov. 22	1,279
213*	48. ROEPKE, O. B., Electricity, General Applications	Oct. 11	Oct. 11	1,013
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.	Oct. 8	Oct. 19	965
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Dec. 7	Dec. 13	1,210
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission	Sept. 24	Sept. 27	1,262
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Nov. 15	Nov. 15	1,133
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Nov. 24	Nov. 18	896
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes	Aug. 5	Aug. 5	1,734
102	55. RICHARD, V. I. (Acting)... {Bread, Pastry, and Confection Making; Cutlery	Oct. 25	Oct. 25	476
	{Designs	†Feb. 14	†Mar. 7	511
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND {Trade-Marks	†Feb. 11	†Mar. 10	1,720
	{Labels and Prints	†Mar. 16	†Mar. 11	140

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Court of Appeals of the District of Columbia.

MONTEVALLO MINING COMPANY *v.* LITTLE GEM COAL COMPANY AND BLAKE COAL COMPANY.

No. 1,890. Decided February 7, 1927.

TRADE-MARKS—CANCELLATION—MONTEVALLO, GEOGRAPHICAL.

It appearing that Montevallo is the name of a town situated in the Cahaba Valley in Alabama, that this town existed long prior to the discovery of deposits of coal in the Cahaba Valley, and that both parties' companies are mining coal from the same seam located in Montevallo Basin in the vicinity of Montevallo, *Held* that the mark Montevallo is purely geographical.

APPEAL from the Patent Office. Affirmed.

Mr. Hugh S. Hill for Montevallo Mining Co.

Mr. Harry H. Semmes and *Mr. Wm. D. Arant* for Little Gem Coal Co. et al.

Before MARTIN, Chief Justice, and ROBB and VAN ORSDEL, Associate Justices.

VAN ORSDEL, *J.:*

This is a trade-mark cancellation proceeding brought by Little Gem Coal Company and its distributing agent Blake Coal Company seeking the cancellation of the trade-mark "Montevallo," registered by appellant, Montevallo Mining Company, for use on coal.

It appears that situated in the Cahaba Valley in Alabama is the town of Montevallo. This town existed long prior to the discovery of deposits of coal in the Cahaba Valley.

It further appears that appellant and appellees companies are both engaged in the coal mining industry, extracting coal from the same seam, located in what is known as the Montevallo Basin in the vicinity of the town of Montevallo.

The mark is purely geographical and is not subject, under the Trade-Mark Act, to registration by either company.

The decision of the Commissioner of Patents, cancelling the registration of the mark by appellant company, is right and accordingly affirmed.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

932,722, G. Simpson, Ballast tank for ships, appeal filed Aug. 28, 1926, C. C. A. (2d Cir.), *G. Simpson* v. *Newport News Shipbuilding & Dry Dock Co.* Decree affirmed (notice dated Feb. 24, 1927).

960,348, E. W. Lalombarde, Box-making machine; 1,011,820, same, Mechanism for feeding blanks, sheets, etc.; 1,112,811, same, Combination feed for sheet material, suit filed Feb. 10, 1926, D. C., N. D. Ohio (E. Div.), Doc. 1732, *The Wolf Envelope Co. et al.* v. *The Standard Envelope Mfg. Co.* Bill dismissed, Dec. 29, 1926.

961,165, J. F. Rowley, Artificial-limb suspender and back check, appeal filed Nov. 4, 1926, C. C. A. (3d Cir.), Doc. 3569, *The J. F. Rowley Co.* v. *A. T. Rowley & Co.* Decree reversed (notice dated Feb. 17, 1927).

999,457, G. E. Kellar, Flume gate, suit filed Dec. 4, 1922, D. C., S. D. Calif. (N. Div.), Doc. B–87, *Martin Iron Works* v. *W. A. Waterman.* Bill dismissed without prejudice, Dec. 8, 1926.

1,011,820. (See 960,348.)

1,018,502 (*a*), Just & Hanaman, Manufacture of incandescent electric lamps, suit filed Dec. 1, 1926, D. C., S. D. N. Y., Doc. E 39/205, *General Electric Co.* v. *Independent Electric Supply Co., Inc., et al.* Decree sustaining patent and granting injunction, Feb. 23, 1927.

1,018,502 (*b*), Just & Hanaman, Manufacture of incandescent electric lamps, 1,180,159, I. Langmuir, Incandescent electric lamp, suit filed Feb. 3, 1927, D. C., N. D. Ohio (W. Div.), Doc. E 724, *General Electric Co.* v. *J. J. Steinharter et al.* Patents held valid, injunction granted (notice dated Feb. 18, 1927).

1,035,054. (See 1,079,795.)

1,046,066, J. Harmatta, Electric welding, suits filed Apr. 27, 1917, D. C. Mass., Doc. E 794, *American Electric Welding Co. et al.* v. *Houghton & Dutton Co.* Decree pursuant to stipulation dismissing bill, June 23, 1924. Doc. E 795, *American Electric Welding Co. et al.* v. *G. Borgfeldt & Co.* Decree same as above. Doc E 796, *American Electric Welding Co. et al.* v. *S. S. Kresge Co.* Decree same as above. Doc. E 797, *American Electric Welding Co. et al.* v. *Grand Union Tea Co., Inc.* Decree same as above.

1,046,736, B. A. Clayton, Operating table or chair, suit filed Jan. 14, 1927, D. C., S. D. Iowa (Davenport), Doc. E 4087, *B. J. Palmer* v. *The Williams Mfg. Co., Inc., et al.*

1,051,221. (See 1,079,795.)

1,051,282, C. F. Smith, Nail stripper, suit filed Mar. 19, 1926, D. C., S. D. Calif. (S. Div.), Doc. K–15–M, *C. F. Smith* v. *H. A. Hamer.* Patent held valid, injunction granted, Jan. 17, 1927.

1,071,096, F. J. Schraeder, Jr., Loading and unloading apparatus, suit filed Jan. 6, 1927, D. C., N. D. Ill. (E. Div.), Doc. 6738, *Roberts & Schaefer Co.* v. *Fairbanks, Morse & Co.*

1,079,795, F. M. Naysmith, Chiropractic table; 1,035,054, J. H. Schenck, same; 1,051,221, A. A. Griffing, same, suit filed Dec. 11, 1926, D. C., S. D. Iowa (Davenport), Doc. E 4086, *E. F. Lundeen* v. *The Williams Mfg. Co. et al.*

1,080,630, E. V. Hartford, Antivibration device for vehicles; 1,401,252, same, Spring retarding device, suit filed Apr. 17, 1924, D. C., N. D. Ohio (E. Div.), Doc. 1105, *E. V. Hartford, Inc.*, v. *Stewart-Warner Products Service Station.* Case dismissed without prejudice, Dec. 6, 1926.

1,088,476, W. E. Stiles, Operating table, suit filed Jan. 14, 1927, D. C., S. D. Iowa (Davenport), Doc. E 4088, *M. H. Palmer* v. *The Williams Mfg. Co., Inc., et al.*

1,112,811. (See 960,348.)

1,127,733, V. Clairemont, Preserving eggs; 1,224,710, 1,369,323, same, Apparatus for treating eggs; 1,370,628, same, Process and apparatus for preserving eggs; 1,599,553, same, Grading and candling machine, suits filed Jan. 20, 1927, D. C., S. D. Calif. (Los Angeles), Doc. L-29-H, *Clairemont Sterilized Egg Co.* v. *R. A. Puffer et al.* Doc. L-42-H, *Clairemont Sterilized Egg Co.* v. *Mandell Egg Co., Inc.* Doc. L-44-H, *Clairemont Sterilized Egg Co.* v. *Poultry Producers of Southern California.* Doc. L-43-H, *Clairemont Sterilized Egg Co.* v. *Weeks Poultry Community, Inc.*

1,149,495, G. C. Carson, Metallurgical furnace; 1,302,307, same, Construction of the roof of open-hearth and reverberatory furnaces, suit filed July 12, 1924, D. C. Mont., Doc. 229, *Carson Investment Co. et al.* v. *Anaconda Copper Mining Co.* Decree holding patents invalid and anticipated, Feb. 8, 1927.

1,149,580, Hofmann & Gottlob, Caoutchouc substance and vulcanization product thereof, suit filed Aug. 6, 1923, D. C., S. D. N. Y., Doc. E 27/72, *The Grasselli Chemical Co.* v. *National Aniline & Chemical Co., Inc.* Patent held invalid as to claims 1 and 4, and bill dismissed Feb. 16, 1927.

1,180,159. (See 1,018,502 (b).)

1,181,370, A. C. Brown, Adjustable faucet attachment, suit filed Feb. 16, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2129, *A. Brown* v. *The Rickersberg Brass Co.*

1,182,290, 1,266,517, G. S. Meikle, Rectifier and method of operating same; 1,208,597, G. M. Mackay, Enclosed arc device and method of operating same; 1,393,520, E. Friederich, Enclosed arc device and method of starting same, suit filed Jan. 8, 1927, D. C., N. D. Ill. (E. Div.), Doc. 6748, *General Electric Co.* v. *Aco, Inc., et al.*

1,208,597. (See 1,182,290.)

1,211,728, C. A. Londelius, Jr., Builder's portable hot-water heater, suit filed Jan. 28, 1927, D. C., N. D. Ill. (E. Div.), Doc. 6818, *Great Lakes Supply Co.* v. *Western Contractors Supply Co.*

1,224,710. (See 1,127,733.)

1,258,989, E. Craig, Wire-bound-box-blank machine, suit filed Jan. 24, 1927, D. C. Del., Doc. E 630, *Wirebounds Patents Co. et al.* v. *Saranac Automatic Machine Corp. et al.*

1,266,517. (See 1,182,290.)

1,302,307. (See 1,149,495.)

1,369,323. (See 1,127,733.)

1,370,628. (See 1,127,733.)

1,393,520. (See 1,182,290.)

1,401,252. (See 1,080,630.)

1,432,658, C. J. Bellar, Grease pump; 1,548,220, C. Spaeth, Liquid-dispensing appliance; 1,544,356; same, Hand truck; Re. 16,284, same, Hose nozzle, suit filed May 3, 1926, D. C., N. D. Ohio (E. Div.), Doc. 1905, *Marvel Equipment Co.* v. *Merit Oil Equipment Co.* Single claim of 1,432,658 held valid and injunction granted; claims 1 and 5 of 1,548,220, claim 1 of 1,544,356, and all claims of Re. 16,284 held invalid, and bill dismissed as to them, Feb. 19, 1927.

1,440,738, N. B. Lundahl, Dashboard-lamp cap, suit filed Sept. 26, 1927, D. C., N. D. Ohio (E. Div.), Doc. 1287, *Rainbo Accessories Co. et al.* v. *The Perfection Auto Parts Co. et al.* Bill dismissed without prejudice, June 2, 1925.

1,468,091, K. W. Thalhammer, Dissolve mechanism for cameras, suit filed Dec. 3, 1926, D. C., S. D. Calif. (Los Angeles), Doc. L-17-M, *K. W. Thalhammer* v. *F. Hoefner.*

1,490,567, Kleinsteuber & Hayes, Automatic traffic signal, suit filed Jan. 20, 1927, D. C., N. D. Ill. (E. Div.), Doc. 6788, *Traffic Regulator Signal Co.* v. *City of Chicago.*

1,493,283, T. G. Robinson, Process and apparatus for making button blanks from pearl stock, suit filed Feb. 21, 1927, D. C., S. D. N. Y., Doc. E 40/281, *T. G. Robinson* v. *Dvorsky Co., Inc., et al.*

1,534,289, E. Teppet, Process of and composition of matter for killing plants, suit filed Feb. 21, 1927, D. C., S. D. N. Y., Doc. E 40/282, *A. Charpilloz et al.* v. *Q. & C. Co., Inc.*

1,544,356. (See 1,432,658.)

1,548,220. (See 1,432,658.)

1,562,811, M. J. Tracy, Partition in jail construction and speaking panel therefor, suit filed Nov. 3, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K-119-M, *Pauly Jail Building Co.* v. *County of San Bernardino et al.*

1,589,692, E. E. Hiler, Choke-coil amplification unit, suit filed Feb. 21, 1927, D. C. Mass., Doc. E 2787, *Hiler Audion Corp.* v. *General Radio Co.*

1,590,921, T. H. Wittliff, Fastening device, suit filed Jan. 13, 1927, D. C., N. D. Ill. (E. Div.), Doc. 6771, *T. H. Wittliff et al.* v. *Everlasting Furniture Brace Co. et al.*

1,599,553. (See 1,127,733.)

1,602,088, Shoenberg & Schon, Circuit interrupter, filed Jan. 25, 1927, D. C., N. D. Ill. (E. Div.), Doc. 6799, *General Appliance Corp. et al.* v. *Peerless Light Co.*

1,603,207, T. Huston, Paper bag and seal, suit filed Jan. 24, 1927, D. C., N. D. Ga. (Atlanta), Doc. 434, *T. Huston (T. Huston Peanut Co.)* v. *O. O. Barrett (Barrett Potato Chip Co.).* Dismissed on defendant's motion (notice dated Feb. 21, 1927).

1,606,030, 1,607,623, 1,607,624, E. F. Higgins, Imitation mother-of-pearl and process of making same, suit filed Feb. 15, 1927, D. C. Del., Doc. E 634, *J. H. Meyer Bros.* v. *Du Pont Viscoloid Corp.*

1,607,589, I. J. Kusel, Coin bank and process of making same, suit filed Jan. 12, 1927, D. C., N. D. Ill. (E. Div.), Doc. 6751, *Stronghart Co.* v. *American Badge Co.*

1,607,623. (See 1,606,030.)

1,607,624. (See 1,606,030.)

1,611,466, Lewis & Murray, Steaming tube for hair waving, suit filed Jan. 31, 1927, D. C., N. D. Ill. (E. Div.), Doc. 6836, *The S. Le Mur Co.* v. *Star Hair Goods Co.*

1,615,499, C. J. Angell, One-way disk plow, suit filed Feb. 14, 1927, D. C. Kans. (2d Div.), Doc. E 454-N, *C. J. Angell et al.* v. *C. Knieper.*

Re. 16,192, A. Wathey, Stoker cylinder, suit filed Dec. 31, 1925, D. C., N. D. Ohio (E. Div.), Doc. 1699, *A. Wathey et al.* v. *American Engineering Co.* Bill dismissed, Feb. 16, 1927.

Re. 16,202, B. Briody, Roadway joint, suit filed Feb. 3, 1927, D. C., E. D. Wis. (Milwaukee), Doc. 2004, *Truscon Steel Co.* v. *The Milwaukee Corrugating Co.*

Re. 16,284. (See 1,432,658.)

Re. 16,492, F. V. Scott, Bean harvester, suit filed Feb. 12, 1927, D. C., E. D. N. C. (Elizabeth City), Doc. E 14, *F. V. Scott* v. *Gordon Bean Harvester Co. et al.*

ADJUDICATED PATENTS.

(C. C. A. Conn.) The Alleyn patent, No. 995,758, for antifriction tips for furniture, *Held* not infringed. *Lincoln* v. *Mattatuck Mfg. Co.*, 16 F. (2d) 999.

(C. C. A. N. Y.) The Martin patent, No. 1,042,457, for telegraphic sending machine, claims 4 and 5 *Held* not infringed. *Vibroplex Co.* v. *J. H. Bunnell & Co.*, 16 F. (2d) 975.

(C. C. A. N. Y.) The Bell patent, No. 1,141,520, for superheater boiler, claims 4, 6, 7, and 9 *Held* valid and infringed. *Babcock & Wilcox Co.* v. *Springfield Boiler Co.*, 16 F. (2d) 964.

(D. C. Calif.) The Sullivan patent, No. 1,435,429, for furring nails for holding wire netting against walls, *Held* valid. *Hommel Mfg. Co.* v. *East Side Mfg. Co.*, 16 F (2d) 1008.

(D. C. Calif.) The Voight patent, No. 1,552,780, for furring nail, claims 1, 3, and 5 *Held* invalid. *Hommel Mfg. Co.* v. *East Side Mfg. Co.*, 16 F. (2d) 1008.

(D. C. Calif.) The Sullivan reissue patent No. 16,103, for furring nail, claims 1 to 13 *Held* valid, but not infringed, and claims 14 to 18 *Held* invalid, as broader than original patent. *Hommel Mfg. Co.* v. *East Side Mfg. Co.*, 16 F. (2d) 1008.

(C. C. A. N. Y.) The Pratt reissue patent, No. 15,210, for superheater boiler, claims 1, 2, 4, and 6 *Held* valid and infringed. *Babcock & Wilcox Co.* v. *Springfield Boiler Co.*, 16 F. (2d) 964.

TRADE-MARKS CANCELED.

118,172. Preparation for destroying bots and worms. French and Leslie, Aberdeen, S. Dak. Registered August 21, 1917. Canceled March 10, 1927.

176,845. Coal. Montevallo Mining Company, Birmingham, Ala. Registered December 4, 1923. Canceled March 10, 1927.

Marking of Patented Articles.

[PUBLIC—No. 580—69TH CONGRESS.]

[H. R. 7563.]

An act to amend section 4900 of the United States Revised Statutes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 4900 of the Revised Statutes of the United States shall be amended to read as follows:

"It shall be the duty of all patentees and their assigns and legal representatives, and of all persons making or vending any patented article for or under them, to give sufficient notice to the public that the same is patented; either by fixing thereon the word 'patent,' together with the number of the patent, or when, from the character of the article, this can not be done, by fixing to it, or to the package wherein one or more of them is inclosed, a label containing the like notice: *Provided, however*, That with respect to any patent issued prior to April 1, 1927, it shall be sufficient to give such notice in the form following, viz: 'Patented,' together with the day and year the patent was granted; and in any suit for infringement by the party failing so to mark, no damages shall be recovered by the plaintiff, except on proof that the defendant was duly notified of the infringement and continued, after such notice, to make, use, or vend the article so patented."

Approved, February 7, 1927.

Changes in Filing Fees.

[PUBLIC—No. 621—69TH CONGRESS.]

[H. R. 15537.]

An act to amend section 476 and section 4934 of the Revised Statutes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 476 of the Revised Statutes be amended to read as follows:

"SEC. 476. There shall be in the Patent Office a Commissioner of Patents, one First Assistant Commissioner, one Assistant Commissioner, and six Examiners in Chief, who shall be appointed by the President, by and with the advice and consent of the Senate. The First Assistant Commissioner and the Assistant Commissioner shall perform such duties pertaining to his office of Commissioner as may be assigned to them, respectively, from time to time by the Commissioner of Patents. All other officers, clerks, and employees authorized by law for the Office shall be appointed by the Secretary of Commerce upon the nomination of the Commissioner of Patents, in accordance with existing law."

SEC. 2. That section 4934 of the Revised Statutes be amended to read as follows:

"SEC. 4934. The following shall be the rates for patent fees:

"On filing each original application for a patent, except in design cases, $20, and $1 for each claim in excess of twenty.

"On issuing each original patent, except in design cases, $20, and $1 for each claim in excess of twenty.

"In design cases: For three years and six months, $10; for seven years, $15; for fourteen years, $30.

"On every application for the reissue of a patent, $30.

"On filing each disclaimer, $10.

"On an appeal for the first time from the Primary Examiners to the Examiners in Chief, $10.

"On every appeal from the Examiners in Chief to the Commissioner, $20.

"For uncertified printed copies of specifications and drawings of patents, 10 cents per copy: *Provided*, That the Commissioner of Patents may supply public libraries of the United States with such copies as published, for $50 per annum: *Provided further*, That the Commissioner of Patents may exchange copies of United States patents for those of foreign countries.

"For copies of records made by the Patent Office, excluding printed copies, 10 cents per hundred words.

"For each certificate, 25 cents.

"For recording every assignment, agreement, power of attorney, or other paper of three hundred words or under, $1; of over three hundred and under one thousand words, $2; and for each additional thousand words or fraction thereof, $1; for each additional patent or application included or involved in one writing, where more than one is so included or involved, 25 cents additional.

"For copies of drawings, the reasonable cost of making them."

SEC. 3 That the provisions of section 2 hereof shall take effect two months after the approval of this act.

Approved, February 14, 1927.

Appeal Before Accounting in Patent Infringement Suits.

[PUBLIC—No. 662—69TH CONGRESS.]

[S. 4957.]

An act to amend section 129 of the Judicial Code, allowing an appeal in a patent suit from a decree which is final except for the ordering of an accounting.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That when in any suit in equity for the infringement of Letters Patent for inventions, a decree is rendered which is final except for the ordering of an accounting, an appeal may be taken from such decree to the circuit court of appeals: *Provided*, That such appeal be taken within thirty days from the entry of such decree or from the date of this act; and the proceedings upon the accounting in the court below shall not be stayed unless so ordered by that court during the pendency of such appeal.

Approved, February 28, 1927.

Changes in Times for Amendments and Other Actions and in Procedure on Appeal in the Patent Office and in the Courts.

[PUBLIC—No. 690—69TH CONGRESS.]

[S. 4812.]

An act amending the statutes of the United States as to procedure in the Patent Office and in the courts with regard to the granting of Letters Patent for inventions and with regard to interfering patents.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 4894 of the Revised Statutes of the United States be amended by striking out the words "one year" wherever they appear and substituting therefor the words "six months."

SEC. 2. That section 4897 of the Revised Statutes of the United States be amended by striking out the words "two years" wherever they appear and substituting therefor the words "one year," and by striking out the words "And upon the hearing of renewed applications preferred under this section, abandonment shall be considered as a question of fact."

SEC. 3. That section 482 of the Revised Statutes of the United States be amended to read as follows:

"SEC. 482. The Examiners in Chief shall be persons of competent legal knowledge and scientific ability. The Commissioner of Patents, the First Assistant Commissioner, the Assistant Commissioner, and the Examiners in Chief shall constitute a Board of Appeals, whose duty it shall be, on written petition of the appellant, to review and determine upon the validity of the adverse decisions of Examiners upon applications for patents and for reissues of patents and in interference cases. Each appeal shall be heard by at least three members of the Board of Appeals, the members hearing such appeal to be designated by the Commissioner. The Board of Appeals shall have sole power to grant rehearings."

SEC. 4. That section 4904 of the Revised Statutes of the United States be amended by striking out from the last sentence thereof the words "or of the Board of Examiners in Chief, as the case may be."

SEC. 5. That section 4909 of the Revised Statutes of the United States be amended by striking out the words "Board of Examiners in Chief" and substituting therefor the words "Board of Appeals."

SEC. 6. That section 4910 of the Revised Statutes of the United States be, and the same is hereby, repealed.

SEC. 7. That section 9 of the act of February 9, 1893, entitled "An act to establish a court of appeals for the District of Columbia, and for other purposes" (Twenty-seventh Statutes at Large, page 434), be, and the same is hereby, repealed.

SEC. 8. That section 4911 of the Revised Statutes of the United States be amended to read as follows:

"SEC. 4911. If any applicant is dissatisfied with the decision of the Board of Appeals, he may appeal to the Court of Appeals of the District of Columbia, in which case he waives his right to proceed under section 4915 of the Revised Statutes. If any party to an interference is dissatisfied with the decision of the Board of Appeals, he may appeal to the Court of Appeals of the District of Columbia, provided that such appeal shall be dismissed if any adverse party to such interference shall, within twenty days after the appellant shall have filed notice of appeal according to section 4912 of the Revised Statutes, file notice with the Commissioner of Patents that he elects to have all further proceedings conducted as provided in section 4915 of the Revised Statutes. Thereupon the appellant shall have thirty days thereafter within which to file a bill in equity under said section 4915, in default of which the decisions appealed from shall govern the further proceedings in the case. If the appellant shall file such bill within said thirty days and shall file due proof thereof with the Commissioner of Patents, the issue of a patent to the party awarded priority by said Board of Appeals shall be withheld pending the final determination of said proceeding under said section 4915."

SEC. 9. That section 4912 of the Revised Statutes of the United States be amended by striking out the words "Supreme Court of the District of Columbia" and substituting therefor the words "Court of Appeals of the District of Columbia."

SEC. 10. That section 4913 of the Revised Statutes of the United States be amended by striking out the words "And at the request of any party interested, or of the court, the Commissioner and the Examiners may be examined under oath in explanation of the principles of the thing for which a patent is demanded."

SEC. 11. That section 4915 of the Revised Statutes of the United States be amended to read as follows:

"SEC. 4915. Whenever a patent on application is refused by the Commissioner of Patents, the applicant, unless appeal has been taken from the decision of the Board of Appeals to the Court of Appeals of the District of Columbia, and such appeal is pending or has been decided, in which case no action may be brought under this section, may have remedy by bill in equity, if filed within six months after such refusal; and the court having cognizance thereof, on notice to adverse parties and other due proceedings had, may adjudge that such applicant is entitled, according to law, to receive a patent for his invention, as specified in his claim, or for any part thereof, as the facts in the case may appear. And such adjudication, if it be in favor of the right of the applicant, shall authorize the Commissioner to issue such patent on the applicant filing in the Patent Office a copy of the adjudication and otherwise complying with the requirements of law. In all cases where there is no opposing party a copy of the bill shall be served on the Commissioner; and all the expenses of the proceedings shall be paid by the applicant, whether the final decision is in his favor or not. In all suits brought hereunder where there are adverse parties the record in the Patent Office shall be admitted in whole or in part, on motion of either party, subject to such terms and conditions as to costs, expenses, and the further cross-examination of the witnesses as the court may impose, without prejudice, however, to the right of the parties to take further testimony. The testimony and exhibits, or parts thereof, of the record in the Patent Office when admitted shall have the same force and effect as if originally taken and produced in the suit.

SEC. 12. That section 4918 of the Revised Statutes of the United States be amended to change the phrase "may adjudge and declare either of the patents void in whole or in part" to read as follows: "may adjudge and declare either or both of the patents void in whole or in part, upon any ground."

SEC. 13. That section 4934 of the Revised Statutes of the United States be amended by striking out the following words: "On an appeal for the first time from the Primary Examiners to the Examiners in Chief, $10. On every appeal from the Examiners in Chief to the Commissioner, $20," and substituting therefor the words "on an appeal for the first time from the Primary Examiners to the Board of Appeals, $15. On every appeal from the Examiner of Interferences to the Board of Appeals, $25."

SEC. 14. That where the day, or the last day, fixed by statute for taking any action or paying any fee in the United States Patent Office falls on Sunday, or on a holiday within the District of Columbia, the action may be taken, or the fee paid, on the next succeeding secular or business day.

SEC. 15. That this act shall take effect two months after its approval; but it shall not affect appeals then pending and heard before the Examiners in Chief or pending before the Commissioner of Patents or in the Court of Appeals of the District of Columbia, and that in all cases in which the time for appeal from a decision of the Examiners in Chief or of the Commissioner of Patents or for amendment or renewal of application had not expired at the time this act takes effect, appeals and other proceedings may be taken under the statutes in force at the time of approval of this act as if such statutes had not been amended or repealed.

Approved, March 2, 1927.

Jurisdiction of Supreme Court of the District of Columbia Enlarged in Suits Under Sections 4915 and 4918, R. S.

[PUBLIC—NO. 767—69TH CONGRESS.]

[H. R. 6252.]

An act amending section 52 of the Judicial Code.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 52 of the Judicial Code be, and the same is hereby, amended by adding thereto the following:

"And upon the filing of a bill in the Supreme Court of the District of Columbia wherein remedy is sought under section 4915 or section 4918 of the Revised Statutes, without seeking other remedy, if it shall appear that there is an adverse party residing in a foreign country, or adverse parties residing in a plurality of districts not embraced within the same State, the court shall have jurisdiction thereof and writs shall, unless the adverse party or parties voluntarily make appearance, be issued against all of the adverse parties with the force and effect and in the manner set forth in this section; provided that writs issued against parties residing in foreign countries pursuant to this section may be served by publication or otherwise as the court shall direct."

Approved, March 3, 1927.

Notice of Cancellation.

U. S. PATENT OFFICE, *Washington, Mar. 7, 1927.*

Charles Hedden Incorporated, its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Alfred Wright, Perfumer, Inc., of No. 113 West Eighteenth Street, New York, N. Y., to effect the cancellation of the trade-mark registration of Charles Hedden Incorporated, of 16 East Thirty-Third Street, New York, N. Y., No. 88,875, dated October 29, 1912, and the notice of such proceeding sent by registered mail to the said Charles Hedden Incorporated at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Charles Hedden Incorporated, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

TRADE-MARKS

OFFICIAL GAZETTE, APRIL 5, 1927.

[VOL. 357. NO. 1.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 190,771. (CLASS 39. CLOTHING.) EDMONDS SHOE COMPANY, Milwaukee, Wis. Filed Jan. 14, 1924.



No claim is made to the exclusive right to the use of the words "Arch Fitter."

Particular description of goods.—Leather Shoes.

Claims use since Dec. 1, 1923.

Ser. No. 190,772. (CLASS 39. CLOTHING.) EDMONDS SHOE COMPANY, Milwaukee, Wis. Filed Jan. 14, 1924.



No claim is made to the exclusive right to the use of the words "Arch Supporter" except as shown in the drawing.

Particular description of goods.—Leather Shoes.

Claims use since Dec. 1, 1923.

Ser. No. 211,516. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) L. E. BIRMINGHAM, Sturgeon Bay, Wis. Filed Mar. 24, 1925.

Birmingham's CHERRYLAND BRAND Apples

Disclaimer is hereby entered to the words "Brand" and "Apples" and the surname "Birmingham's" apart from the other features of the mark as disclosed in the drawing.

Particular description of goods.—Fresh Apples.

Claims use since Sept. 15, 1923.

Ser. No. 215,209. (CLASS 37. PAPER AND STATIONERY.) JAPAN PAPER COMPANY, New York, N. Y. Filed June 2, 1925.



Particular description of goods.—Italian Handmade and Handlaid Writing Paper.

Claims use since February, 1905.

Ser. No. 215,717. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TWO IN ONE CONFECTION COMPANY, Latrobe, Pa. Filed June 12, 1925.

WEAT-KRAX

Particular description of goods.—Cake Comprising a Wheat Product and Milk Chocolate.

Claims use since Jan. 1, 1925.

Ser. No. 216,898. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed July 6, 1925.

YALE

Particular description of goods.—Fabrics Made from Wool, Worsted, or Mixtures Thereof for Suitings and Sold in the Piece for Manufacture of Clothing.
Claims use since March, 1913.

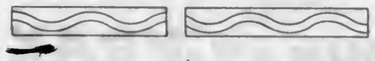
Ser. No. 219,772. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SEACOAST CANNING COMPANY, Eastport, Me., assignor to Seacoast Tuna & Sardine Corporation, East San Pedro, Calif., a Corporation of Delaware. Filed Sept. 3, 1925.

PINE TREE



Particular description of goods.—Canned Fish, Specifically Sardines.
Claims use since about 1905.

Ser. No. 219,912. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) GEO. D. ROPER CORPORATION, Rockford, Ill. Filed Sept. 5, 1925.



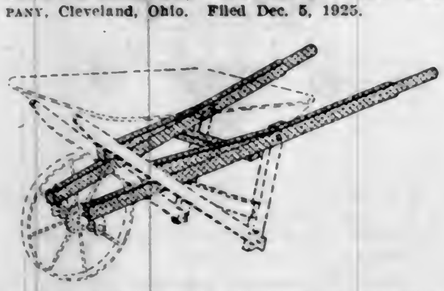
The mark consists of a wavy line, strip, or band.
Particular description of goods.—Gas Ranges, Plates, Heaters, and Stoves.
Claims use since Nov. 3, 1921.

Ser. No. 221,766. (CLASS 27. HOROLOGICAL INSTRUMENTS.) LOUIS PERRET ET FILS, La Chaux-de-Fonds, Switzerland. Filed Oct. 15, 1925.



The words "Marque Déposée" are disclaimed.
Particular description of goods.—Mainsprings for Clocks and Watches.
Claims use since July 19, 1886.

Ser. No. 224,269. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE AKRON BARROW COMPANY, Cleveland, Ohio. Filed Dec. 5, 1925.



The trade-mark consists in coloring the handles of the wheelbarrow orange, as indicated by the lining of the drawing, in contrast to the remainder of the barrow. No claim is made to the representation of the goods apart from the mark as shown.
Particular description of goods.—Tubular Wheelbarrows, Contractors' Wheelbarrows, and Concrete Carts.
Claims use since January, 1923.

Ser. No. 225,623. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SUSQUEHANNA SILK MILLS, New York, N. Y. Filed Jan. 7, 1926.

Natte Crepe

No registration rights are claimed in the word "Crepe" except in association with the other features of the mark.
Particular description of goods.—Silk Piece Goods.
Claims use since Dec. 16, 1925.

Ser. No. 226,173. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ST. LOUIS INDEPENDENT PACKING COMPANY, doing business as Missouri Butterine Co., St. Louis, Mo. Filed Jan. 20, 1926.

ROCK SPRINGS

"Rock Springs."
Particular description of goods.—Oleomargarine and Lard.
Claims use since Mar. 23, 1918.

Ser. No. 226,404. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926.

ALTO

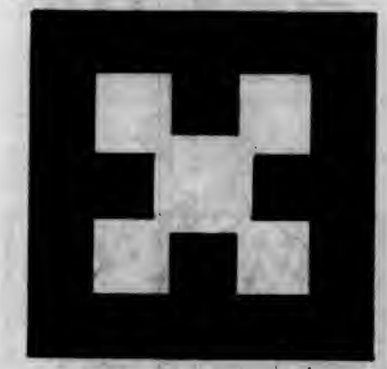
Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids and for Cleaning, Polishing, and Sweeping.
Claims use since on or about July 1, 1918.

Ser. No. 226,405. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926.

PREMIER

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids, and for Cleaning, Polishing, and Sweeping.
Claims use since on or about Aug. 1, 1920.

Ser. No. 226,481. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ERIE MALLEABLE IRON COMPANY, Erie, Pa. Filed Jan. 27, 1926.



Particular description of goods.—Electrical Fittings Comprising Conduit Fittings and Parts Thereof and Fittings for Electrical Apparatus Supports.
Claims use since Jan. 6, 1925.

Ser. No. 226,776. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) JOHN R. LANKENAU CO., Boston, Mass. Filed Feb. 2, 1926.

A
LISN-IN

Particular description of goods.—Textile Fabrics Stamped with Embroidery Patterns.
Claims use since on or about Jan. 1, 1926.

Ser. No. 226,797. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) THE SUPER OIL HEATER COMPANY, Hartford, Conn. Filed Feb. 1, 1926.

SUPER

Particular description of goods.—Oil Burners and Oil Heaters.
Claims use since May 2, 1924.

Ser. No. 226,816. (CLASS 15. OILS AND GREASES.) MAYFLOWER OIL COMPANY, Boston, Mass. Filed Feb. 3, 1926.

MAYFLOWER OIL COMPANY



Particular description of goods.—Gasoline, Kerosene, Lubricating Oil, Lubricating Greases, Fuel Oils.
Claims use since Aug. 15, 1925.

Ser. No. 226,837. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VAN HOUTEN, INC., New York, N. Y., assignor to C. J. Van Houten & Zoon, a Copartnership of Weesp, Netherlands. Filed Feb. 3, 1926.

CHOCOLATE PASTILLES
VAN HOUTEN

The words "Chocolate Pastilles" are disclaimed apart from the mark as shown.

Particular description of goods.—Candy in Form of Chocolate Wafers.

Claims use since Aug. 17, 1925.

Ser. No. 227,114. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NICHOLAS P. DAMIANAKES, doing business as California Peanut Co., Oakland, Calif. Filed Feb. 10, 1926.

KIDDY KANDIES

The word "Kandies" is disclaimed apart from the other features of the mark.

Particular description of goods.—Candy.

Claims use since Oct. 1, 1925.

Ser. No. 227,118. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE FITGER COMPANY, Duluth, Minn. Filed Feb. 10, 1926.

THE BEST MIXER IN A CROWD

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks.

Claims use since Mar. 1, 1925.

Ser. No. 227,472. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PINUS MEDICINE COMPANY, Monticello, Ill. Filed Feb. 18, 1926. Under 10-year proviso.

PINUS

Particular description of goods.—Internal Remedies for the Treatment of Rheumatism, Sciatica, Neuralgia, and Gout.

Claims use since Mar. 15, 1891.

Ser. No. 227,477. (CLASS 39. CLOTHING.) SEXTON MFG. CO., Fairfield, Ill. Filed Feb. 18, 1926.

Palm Beach

Particular description of goods.—Men's Underwear and Night Wear—Namely, Union Suits, Drawers, Nightshirts, and Pyjamas Made of Woven Textiles.

Claims use since Jan. 22, 1926.

Ser. No. 228,126. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE NARROW FABRIC CO., West Reading and Reading, Pa. Filed Mar. 4, 1926.

Protastik

Particular description of goods.—Elastic Fabric in the Piece.

Claims use since about Jan. 2, 1926.

Ser. No. 228,178. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM FLOYD CROSBY, South Lancaster, Mass. Filed Mar. 5, 1926.

MEADOWBROOK

Particular description of goods.—Fresh and Canned Mushrooms, Mushroom Catchup, Mushroom Broth, Fresh Apples, Apple Sauce, Fresh Potatoes, Fresh Eggs, Cream, Dressed Ducks, Dressed Chickens, Dressed Turkeys, Dressed Pigeons, Dressed Squabs.

Claims use since Aug. 1, 1922, on apple sauce; June 1, 1924, on mushroom catchup; and since Feb. 1, 1926, on mushroom broth; Nov. 1, 1922, on mushrooms; Aug. 1, 1922, on apples, eggs, chickens, ducks, cream, turkeys, pigeons, and squabs; Feb. 1, 1926, on potatoes.

Ser. No. 228,188. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HARDWICK-SPENCER MEDICINE COMPANY, LTD., Charleston, W. Va. Filed Mar. 5, 1926.

KENTUCKY WONDER



The facsimile appearing in the drawing is a portrait of Mr. Winfield Scott Hardwick.

Particular description of goods.—Medicinal Preparation for the Treatment of Catarrh, Rheumatism, Biliousness, Blotches, Boils, Constipation, Stomach Troubles, Erysipelas, Female Complaints, Jaundice, Eruptions, Dyspepsia, Kidney Troubles, Liver Complaint, Nervousness, Piles, Pimples, Salt Rheum, Scrofula, Skin Diseases, Syphilis, Tetter, Tumors, and Ulcers.

Claims use since 1912.

Ser. No. 228,593. (CLASS 12. CONSTRUCTION MATERIALS.) CADWALLADER-GIBSON CO., INC., Los Angeles, Calif. Filed Mar. 13, 1926.

DURA

Particular description of goods.—Hardwood Doors, Softwood Doors, Trim Mouldings, Wooden Flooring, Lumber.

Claims use since Dec. 15, 1925.

Ser. No. 228,744. (CLASS 37. PAPER AND STATIONERY.) CONTINENTAL BANK-SUPPLY COMPANY, Mexico, Mo. Filed Mar. 17, 1926.

CONTINENTAL
BANK-SUPPLY-COMPANY
MEXICO, MO.

No claim is made to the exclusive use of the words "Bank Supply Company, Mexico, Mo." apart from the mark shown.

Particular description of goods.—Bank Supplies—Namely, Pass Books, Check Books, Coin Envelopes, and Blank Forms of All Kinds Used in Banking Business.

Claims use since Jan. 15, 1926.

Ser. No. 228,878. (CLASS 33. GLASSWARE.) THE WESTERN GLASS COMPANY, Streator, Ill. Filed Mar. 19, 1926.

TILITE

Particular description of goods.—Figured Sheet Glass.

Claims use since Jan. 30, 1926.

Ser. No. 229,223. (CLASS 45. BEVERAGES, NONALCOHOLIC.) ELECTRIFIED WATER CO., Newark, N. J. Filed Mar. 26, 1926.

CALIFORNIA
Wine-juice

No rights are claimed to the words "California Wine-Juice."

Particular description of goods.—Maltless Beverages, Soft Drinks.

Claims use since Mar. 1, 1926.

Ser. No. 229,951. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed Apr. 10, 1926.

ELLISON'S
SHILLALAH
FABRIC

No claim is made to the words "Ellison's" and "Fabric" apart from the mark shown.

Particular description of goods.—Fabrics Made of Wool, Worsted, Cotton, or Mixtures Thereof.

Claims use since Feb. 12, 1926.

Ser. No. 230,266. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN SEXTON AND COMPANY, Chicago, Ill. Filed Apr. 15, 1926.

KENMORE

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Pork and Beans, Canned Salmon, Coffee, Cocoa, Tea, Table Sirup, Dried Fruits, Cottonseed Cooking Oil, Pickles, Rice, Beans (Dried and Canned), Barley (Cereal Breakfast Food), Salt Codfish, Cheese, Ham, Bacon, Mincemeat, Cookies, Olives, Mayonnaise Dressing, Vinegar, and Catchup.

Claims use since 1915 as to canned fruits, canned vegetables, canned pork and beans, and mincemeat; to table sirup, cottonseed cooking oil, pickles, rice, beans (dried and canned), barley (cereal breakfast food), and catchup since 1917; to coffee since 1919; to canned salmon, tea, dried fruits, cheese, ham, bacon, and vinegar since 1920; to olives since 1923; to salt codfish and mayonnaise dressing since 1924; to cookies 1925; and to cocoa since 1926.

Ser. No. 230,660. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) CARRIER-STEPHENS COMPANY, Lansing, Mich. Filed Apr. 24, 1926.

SLEET OFF

Applicant disclaims exclusive use to the words "Sleet Off" except in the connection shown.

Particular description of goods.—Preparation for Application to Glass for Precluding Fogging.

Claims use since Sept. 1, 1925.

Ser. No. 231,223. (CLASS 33. GLASSWARE.) WILLIAMSPORT MIRROR AND GLASS COMPANY, Williamsport, Pa. Filed May 6, 1926.

O.K.

Particular description of goods.—All Kinds of Flat Glass, Silvered and Unsilvered.
Claims use since Mar. 22, 1926.

Ser. No. 233,165. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BLACK PALM, INC., New York, N. Y. Filed June 14, 1926.

BLACK PALM

Particular description of goods.—Stuffed and Plain Dates, Dried Figs (Plain and Stuffed) in Cans and Packages; Preserved and Conserved Citron, Lemon, and Orange Peel; Nut Meats (Plain, Salted, or Candied), Crystallized Ginger, Raisins, Dried Currants (Packaged or in Cans), Dried Fruits of All Kinds, and Horse-Radish.
Claims use since June 1, 1926.

Ser. No. 233,166. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BLACK PALM, INC., New York, N. Y. Filed June 14, 1926.

BLACK PALM

Particular description of goods.—Stuffed and Plain Dates, Dried Figs (Plain and Stuffed) in Cans and Packages; Preserved and Conserved Citron, Lemon, and Orange Peel; Nut Meats (Plain, Salted, or Candied), Crystallized Ginger, Raisins, Dried Currants (Packaged or in Cans), Dried Fruits of All Kinds, and Horse-Radish.
Claims use since June 1, 1926.

Ser. No. 233,341. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed June 16, 1926.

INERTAIRE

Particular description of goods.—Electrical Transformers and Equipment Therefor.
Claims use since Aug. 18, 1924.

Ser. No. 233,555. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHNSON & DERBY, Laredo, Tex. Filed June 21, 1926.

BULLS EYE

Particular description of goods.—Fresh Vegetables—Namely, Beets, Onions, Cabbage, Carrots, Spinach, and Turnips; Melons—Namely, Cantaloupes.
Claims use since Dec. 4, 1925.

Ser. No. 234,116. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed July 3, 1926.

Mirroleen Trico

Applicant disclaims the right to the exclusive use of the term "Trico" apart from the mark as shown in the drawing.
Particular description of goods.—Woolen Piece Goods.
Claims use since Apr. 1, 1926.

Ser. No. 234,117. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SALVATORE E. FUSCO, doing business as S. E. Fusco Fruit Co., Los Angeles, Calif. Filed July 3, 1926.

CHARM

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since August, 1925.

Ser. No. 234,397. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES HOLSER, Santa Cruz, Calif. Filed July 10, 1926.



Particular description of goods.—Complete Wheat Flour, Wheat Grits, Bran, and Bread.
Claims use since November, 1923.

Ser. No. 234,872. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ROBERTS, GLAZEBROOK & CO. LTD., doing business as Tyseley Paint and Varnish Works, Birmingham, England. Filed July 21, 1926.

PERMOGLAZE

Particular description of goods.—Dry and Ready-Mixed Paints, Varnishes, Stains, and Paint Enamels.
Claims use since 1924.

Ser. No. 234,961. (CLASS 31. FILTERS AND REFRIGERATORS.) LEONARD REFRIGERATOR COMPANY, Grand Rapids, Mich., assignor to Electrical Refrigeration Corporation, Detroit, Mich., a Corporation of Michigan. Filed July 23, 1926.

ECONOMIC

Particular description of goods.—Refrigerators and Refrigerator Parts.
Claims use since about June 1, 1910.

Ser. No. 235,303. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE IMPERIAL BRASS MANUFACTURING COMPANY, Chicago, Ill. Filed July 29, 1926.

Imperial

Particular description of goods.—Storage-Battery Terminals, Plugs, Screws, and Bushings.
Claims use since Mar. 29, 1921.

Ser. No. 235,818. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE HOSPITAL SPECIALTY CO., Cleveland, Ohio. Filed Aug. 11, 1926.

FEMETTES

Particular description of goods.—Sanitary Napkins.
Claims use since July 25, 1926.

Ser. No. 235,819. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE HOSPITAL SPECIALTY CO., Cleveland, Ohio. Filed Aug. 11, 1926.

HY-GI-NAP

Particular description of goods.—Sanitary Napkins.
Claims use since July 1, 1925.

Ser. No. 235,822. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE HOSPITAL SPECIALTY CO., Cleveland, Ohio. Filed Aug. 11, 1926.

SANEES

Particular description of goods.—Sanitary Napkins.
Claims use since May 1, 1924.

Ser. No. 235,827. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE HOSPITAL SPECIALTY CO., Cleveland, Ohio. Filed Aug. 11, 1926.

SOLUNAPS

Particular description of goods.—Sanitary Napkins.
Claims use since May 1, 1924.

Ser. No. 236,190. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AUTOMOTIVE BATTERY CORP., Chicago, Ill. Filed Aug. 20, 1926.



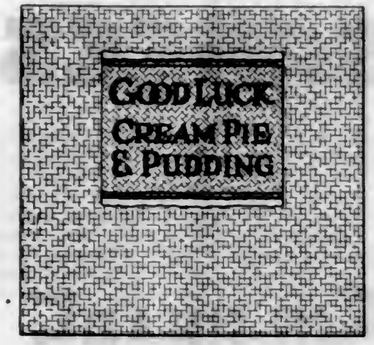
No claim is made to the words "Automotive Endurance Battery," "Two Year Guarantee" and "Mfd by Automotive Battery Corp. Chicago" apart from the mark shown.
Particular description of goods.—Storage Batteries, Battery Chargers, and Parts Thereof.
Claims use since Nov. 15, 1924.

Ser. No. 236,251. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) BOURJOIS, INC., New York, N. Y. Filed Aug. 21, 1926.

MANDARINE

The lining is not used for the purpose of indicating color.
Particular description of goods.—Toilet Soap.
Claims use since about January, 1924.

Ser. No. 237,101. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GOOD LUCK FOOD CO., INC., Rochester, N. Y. Filed Sept. 10, 1926.



The lettering is in black on an orange panel having a yellow background. No claim is made to the exclusive use of the words "Cream Pie & Pudding" apart from the mark as shown.

Particular description of goods.—Preparation for Making Pie Fillings and Puddings.

Claims use since July, 1922.

Ser. No. 237,290. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE SHOTWELL MFG. CO., Chicago, Ill. Filed Sept. 15, 1926.

SAM'N HENRY

Particular description of goods—Candy Bar.

Claims use since Aug. 1, 1926.

Ser. No. 237,814. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) INTERNATIONAL SHOE POLISH, INC., Lynn, Mass. Filed Sept. 27, 1926.



The words "The Polish with Character" are disclaimed apart from the mark shown.

Particular description of goods.—Shoe Polish.

Claims use since about May 1, 1926.

Ser. No. 238,526. (CLASS 38. PRINTS AND PUBLICATIONS.) WHEELER REID PUBLICATIONS, INC., Hollywood, Calif. Filed Oct. 12, 1926.

Hollywood Life

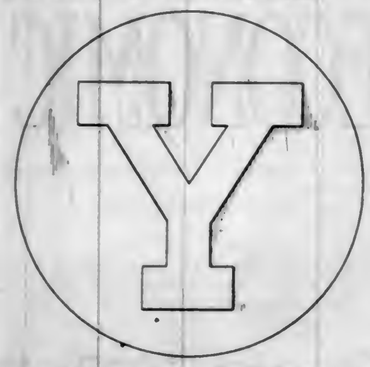
Published in the Heart of the Motion Picture Industry

No claim is made to the words "Published in the Heart of the Motion Picture Industry" apart from the mark shown.

Particular description of goods.—Periodical Publication and Magazine.

Claims use since July, 1925.

Ser. No. 238,936. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE YOUNGSTOWN STEEL DOOR CO., Cleveland, Ohio. Filed Oct. 20, 1926.



Particular description of goods.—Steel Car Doors and Fixtures Therefor.

Claims use since on or about May 15, 1925.

Ser. No. 239,257. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) R. H. MACY & CO., INC., New York, N. Y. Filed Oct. 26, 1926.

SUPRE-MACY

Particular description of goods.—Safety-Razor Blades.

Claims use since June 4, 1926.

Ser. No. 239,379. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE PRESCOTT COMPANY, Menominee, Mich. Filed Oct. 28, 1926. Under 10-year proviso.

PRESCOTT
MENOMINEE

No claim is made to the exclusive use of the word "Menominee" apart from the mark as shown in the drawing.

Particular description of goods.—Sawmill and Mining Machinery, Accessories, and Parts as Follows: Electric Dogs, Electric Setworks, Air Dogs, Twin Circular Cant Machines, Band Splitters, Band Mills, Vertical Band Resaws, Horizontal Band Resaws, Circular Mills, Carriages, Head Blocks and Dogs, Setworks, Steam Setworks, Receders and Offsets, Carriage Bumpers, Steam Feeds, Rope Feeds, Steam Niggers, Special Nigger Bars, Spring Floor Plates, Log Jackers, Log Stops and Loaders, Log Kickers, Overhead Log Turners, Cut-Off and Drag Saws, Edgers, Rift Machines, Combined Machines, Trimmers, Slashers, Live Rolls, Skid Transfers, Cant Flippers, Swing and Jump Saws, Transferring Machinery, Sorting Machinery, Lath Mills, Hogs, Wood Machines, Shingle Machinery, Pulp-Stock Cut-Offs, Transmission Machinery, Shafting, Couplings, Pulleys, Frictions, Gears, Sprockets, Boxes, Hangers, Angle and Sole Plates, Floor Stands, Brackets, Conveying Machinery, Drums, Idlers and Sprockets; Underground Pumping Machinery for Mines, Both Steam and Power Driven, of Duplex and Triplex Types; Pipe Line Pumps, Both Steam and Power Driven, of Duplex and Triplex Types; and Filing-Room Tools.

Claims use since prior to 1874 for the trade-mark "Prescott" and since May, 1915, for the trade-mark "Prescott Menominee" as it appears in the drawing.

Ser. No. 239,407. (CLASS 38. PRINTS AND PUBLICATIONS.) THE GARFIELD NATIONAL BANK, New York, N. Y. Filed Oct. 29, 1926.



Particular description of goods.—Periodical Business Review Published Monthly.

Claims use since December, 1920.

Ser. No. 239,583. (CLASS 2. RECEPTACLES.) WM. E. HOOPER & SONS CO., Woodberry, Baltimore, Md. Filed Nov. 2, 1926.

HOOPERWOOD
BLUE STRIPE

Particular description of goods.—Canvas Baskets and Similar Canvas Containers with or Without Wheels, Casters, Rollers, Runners, or the Like.

Claims use since Sept. 15, 1926.

Ser. No. 239,681. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WM. SCHLUDERBERG-T. J. KURDLE CO., Baltimore, Md. Filed Nov. 4, 1926.



No claim is made to the geographical words "Baltimore, Md., U. S. A." apart from the mark as shown in the drawing. The drawing is lined conventionally for the colors red, blue, and orange, the vertical lining for red, the horizontal lining blue, and the diagonal cross hatching for orange.

Particular description of goods.—Packers' Products—Namely, Lards, Creamery Butter, Hams, Bacon, Shoulders, Sausage, Pork Roll, Dried Beef, Cheese, Lard Compounds Made from Cottonseed Oil and Other Oils.

Claims use since Jan. 1, 1920.

Ser. No. 239,798. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) DONALDSON MANUFACTURING CO., LTD., Glasgow, Scotland. Filed Nov. 8, 1926.

SKELPIE

Particular description of goods.—Golf Clubs, Golf Balls, Golf Bags, Golf Irons, and Golf Tees.

Claims use since Sept. 1, 1926.

Ser. No. 239,818. (CLASS 32. FURNITURE AND UPHOLSTERY.) MOROCCAN ESTATES, INC., New York, N. Y. Filed Nov. 8, 1926.



Particular description of goods.—Leather Cushions.

Claims use since Feb. 1, 1924.

Ser. No. 240,147. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DEAN MORLAN, doing business as Kosan Co., Hollywood, Calif. Filed Nov. 16, 1926.

KOSAN

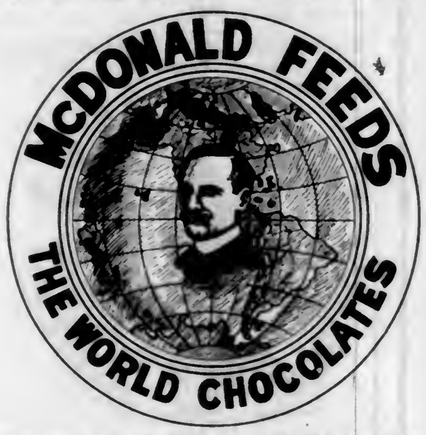
Particular description of goods.—Healing and Deodorizing Vaginal Bath Compound.
Claims use since Aug. 15, 1925.

Ser. No. 240,388. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN DISINFECTING COMPANY, Sedalia, Mo. Filed Nov. 22, 1926.



Particular description of goods.—Insecticides, Germicides, and Disinfectants.
Claims use since 1923.

Ser. No. 240,613. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. G. MCDONALD CHOCOLATE CO., Salt Lake City, Utah. Filed Nov. 26, 1926.



The portrait shown is that of James G. McDonald, president of applicant company. No claim is made to the word "Chocolate" apart from the mark shown.
Particular description of goods.—Candy, Chocolate, and Cocoa, Cocoa and Peanut Butter.
Claims use since May, 1908.

Ser. No. 240,715. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE KANSAS FLOUR MILLS CORPORATION, Kansas City, Mo. Filed Nov. 29, 1926.



Applicant is the owner of registration 122,644.
Particular description of goods.—Wheat Flour.
Claims use since September, 1912.

Ser. No. 240,855. (CLASS 16. PAINT AND PAINTERS' MATERIALS.) H-O LACQUER MFG. CO., Brooklyn, N. Y. Filed Dec. 2, 1926.

GIBRALTAR



GLOSS LACQUER

Enamel

No claim is made to the exclusive use of the words "Gloss Lacquer Enamel" apart from the mark as shown in the drawing.
Particular description of goods.—Lacquers and Paint Enamels.
Claims use since May 16, 1925.

Ser. No. 240,971. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALEX GETZ, Chicago, Ill. Filed Dec. 4, 1926.



No claim is made to the representation of a leaf shown in drawing apart from the mark.
Particular description of goods.—Butter and Eggs.
Claims use since 1910.

Ser. No. 241,077. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BEACON DEVICES, INC., North Tonawanda, N. Y. Filed Dec. 7, 1926.

The drawing is lined to indicate the colors red and blue.
Particular description of goods.—Liquid Carbon Dioxide.
Claims use since Aug. 7, 1926.

Ser. No. 241,081. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) THE BUCKLEY, NEWHALL COMPANY, New York, N. Y. Filed Dec. 7, 1926.

BLUE RIBBON

Particular description of goods.—Humidors, Ash Receivers and Trays, Cigar Cases, and Cigarette Cases.
Claims use since Aug. 10, 1910.

Ser. No. 241,082. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) THE BUCKLEY, NEWHALL COMPANY, New York, N. Y. Filed Dec. 7, 1926.



The drawing is lined to indicate the color blue.
Particular description of goods.—Humidors, Ash Receivers and Trays, Cigar Cases, and Cigarette Cases.
Claims use since Aug. 10, 1910.

Ser. No. 241,143. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE EAGLE-PICHER LEAD COMPANY, Chicago, Ill. Filed Dec. 8, 1926.



Exclusive use of the words "Pure Storage Battery Lead," "Products" and the represenation of a battery are disclaimed apart from the mark shown.
Particular description of goods.—Lead Sulphate and Lead Oxide for Use in the Manufacture of Storage-Battery Plates.
Claims use since Oct. 25, 1926.

Ser. No. 241,154. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN HAYNES, Pawhuska, Okla. Filed Dec. 8, 1926.

4 in 1

Particular description of goods.—Medicine for the Treatment of Rheumatism and Diseases of the Skin and Blood.
Claims use since Oct. 10, 1926.

Ser. No. 241,230. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LA SOCIETE GENERALE DE PRODUITS SPECIALISES, Geneva, Switzerland. Filed Dec. 9, 1926.

GRAINS DE VALS

Particular description of goods.—Laxative and Cathartic in Solid Form.
Claims use since 1894.

Ser. No. 241,310. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) WOLLMAN SILK CORPORATION, New York, N. Y. Filed Dec. 10, 1926.

WOLLMANETTE

Particular description of goods.—Silk Piece Goods.
Claims use since Oct. 1, 1925.

Ser. No. 241,332. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EAGLE ROLLER MILL CO., INC., Shelby, N. C. Filed Dec. 11, 1926.



The picture is that of General Isaac Shelby, a well-known character of the American Revolution.
Particular description of goods.—Wheat Flour.
Claims use since July, 1925.

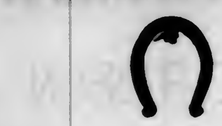
Ser. No. 241,334. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE FORREST SEED CO. INC., Cortland, N. Y. Filed Dec. 11, 1926.

GOLD STANDARD

Particular description of goods.—Flower, Garden, and Field Seed.
Claims use since Jan. 1, 1926.

Ser. No. 241,401. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DWIGHT EDWARDS COMPANY, Portland, Oreg. Filed Dec. 13, 926.

HORSESHOE



Particular description of goods.—Coffee.
Claims use since 1904.

Ser. No. 241,483. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE S. HEYER, Houston, Tex. Filed Dec. 14, 1926.



No claim is made to "Heyer's" "Prickly-Heat Powder" apart from the mark shown on the drawing.
Particular description of goods.—Skin Powder.
Claims use since May, 1915.

Ser. No. 241,552. (CLASS 12. CONSTRUCTION MATERIALS.) WEST PENN CEMENT COMPANY, Butler, Pa. Filed Dec. 15, 1926.



The words "Brand" and "Butler, Pa." are disclaimed apart from the mark as shown. In the drawing the border is shaded to indicate that it is colored red and having white letters, while in the central portion of the figure the letters are indicated as blue in color on a white background.
Particular description of goods.—Cement.
Claims use since Dec. 8, 1926.

Ser. No. 241,633. (CLASS 31. FILTERS AND REFRIGERATORS.) BROR PÄLSSON, Malmo, Sweden. Filed Dec. 17, 1926.

POLZONIA

Particular description of goods.—Refrigerators, Refrigerating Apparatus, and Ice-Making Machines and Parts Thereof.
Claims use since July, 1926.

Ser. No. 241,704. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE EAGLE-PICHER LEAD COMPANY, Chicago, Ill. Filed Dec. 20, 1926.



Exclusive use of the word "Products" is disclaimed apart from the mark shown in the drawing. The lining in the drawing represents the colors black and white.
Particular description of goods.—Pig Lead, Spelter, Antimonial Lead, Glazer's Lead, Ingot Lead, Rod Lead, Roof Flanges, Sheet Lead, Solder, Babbitt, Tin, Lead Wool, and Rope-Socket Metal.
Claims use since Nov. 15, 1926.

Ser. No. 241,705. (CLASS 14. METAL AND METAL CASTINGS AND FORGINGS.) THE EAGLE-PICHER LEAD COMPANY, Chicago, Ill. Filed Dec. 20, 1926.



Exclusive use of the word "Products" is disclaimed apart from the mark shown in the drawing. The lining in the drawing represents the colors black and white stripes.
Particular description of goods.—Pig Lead, Spelter, Antimonial Lead, Glazer's Lead, Ingot Lead, Rod Lead, Roof Flanges, Sheet Lead, Solder, Babbitt, Tin, Lead Wool, and Rope-Socket Metal.
Claims use since Nov. 15, 1926.

Ser. No. 241,706. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE EAGLE-PICHER LEAD COMPANY, Chicago, Ill. Filed Dec. 20, 1926.



Exclusive use of the word "Products" is disclaimed apart from the mark shown. The lining in the drawing represents the colors red and blue.

Particular description of goods.—Pig Lead, Spelter, Antimonial Lead, Glazer's Lead, Ingot Lead, Rod Lead, Roof Flanges, Sheet Lead, Solder, Babbitt, Tin, Lead Wool, and Rope-Socket Metal.

Claims use since Nov. 15, 1926.

Ser. No. 241,778. (CLASS 39. CLOTHING.) JACOB MILLER'S SONS CO., Philadelphia, Pa. Filed Dec. 21, 1926.

SUNTONE

Particular description of goods.—Men's Outer, Dress, and Negligee Shirts.

Claims use since Oct. 12, 1926.

Ser. No. 241,797. (CLASS 38. PRINTS AND PUBLICATIONS.) TEXTILE PUBLISHING COMPANY, New York, N. Y. Filed Dec. 21, 1926.

Home Furnishings

Particular description of goods.—Periodical Publication.

Claims use since Jan. 9, 1926.

Ser. No. 241,835. (CLASS 12. CONSTRUCTION MATERIALS.) PENNSYLVANIA GYPSUM COMPANY, Chester, Pa. Filed Dec. 22, 1926.

GYPROC

Particular description of goods.—Wall Board, Plaster Board, and Joint-Filling Material.

Claims use since on or about May 1, 1926.

Ser. No. 241,926. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) W. P. CHASE CANDY CORP., Brooklyn, N. Y. Filed Dec. 24, 1926.

SWEET ADALINE

Particular description of goods.—Candies.

Claims use since about Dec. 15, 1926.

Ser. No. 241,937. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAXTON FLOUR & FEED CO., Harrisburg, Pa. Filed Dec. 24, 1926.



Particular description of goods.—Pie and Cake Flour.

Claims use since Dec. 11, 1926.

Ser. No. 242,064. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALPHONSE PILLET, doing business as Pillet, New York, N. Y. Filed Dec. 28, 1926.



The words "Paris-New York" and "Parfum" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Perfumes.

Claims use since July 2, 1926.

Ser. No. 242,065. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALPHONSE PILLET, doing business as Pillet, New York, N. Y. Filed Dec. 28, 1926.



The words "Paris-New York" and "Parfum" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Perfumes.

Claims use since July 2, 1926.

Ser. No. 242,073. (CLASS 12. CONSTRUCTION MATERIALS.) WEYERHAEUSER FOREST PRODUCTS, St. Paul, Minn. Filed Dec. 28, 1926.



Applicant disclaims any exclusive right to the word "Brand" apart from the mark shown in the drawing.

Particular description of goods.—Lumber and Planing-Mill Products—Namely, Rough Lumber, Finish or Finishing Lumber, Beveled Siding, Drop Siding, Ceiling, Flooring, Laths, and Shingles.

Claims use since Dec. 8, 1926.

Ser. No. 242,081. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BORCK & STEVENS INCORPORATED, Bridgeport, Conn. Filed Dec. 29, 1926.



No claim is made to the exclusive use of the words "Home Pride" apart from the mark shown in the drawing. The shading of the letters forming the words "Home Pride" is for the color blue, the shading of the oval shaped center on which said words are printed is for the color yellow, and the shading of the scroll-like figure which surrounds said oval shaped center is for the color red.

Particular description of goods.—Bread of Various Kinds; Coffee Cakes, Crullers, Rolls, and Cakes of All Kinds.

Claims use since Dec. 9, 1925.

Ser. No. 242,229. (CLASS 33. GLASSWARE.) GLASFABRIKEN UND RAFFINERIEN JOSEF INWALD A. G., Vienna, Austria. Filed Dec. 31, 1926.

DURIT

Particular description of goods.—Glassware.

Claims use since July 6, 1914.

Ser. No. 242,360. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) VICTOR TALKING MACHINE COMPANY, Camden, N. J. Filed Jan. 4, 1927.



Particular description of goods.—Sound Recording and Reproducing Machinery and Appurtenances Thereto and Parts Thereof, Talking Machines and Supplies Therefor, Gramophones, Talking-Machine Cabinets, Talking-Machine Horns, Talking-Machine Amplifiers, Talking-Machine Styli or Needles, Sound Boxes for Talking Machines, and Sound Records for Talking Machines, Talking-Machine-Record Disks, and Talking-Machine-Record Tablets.

Claims use since May 24, 1900.

Ser. No. 242,401. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) WADSWORTH-HOWLAND COMPANY, Chicago, Ill. Filed Jan. 5, 1927.

JEWEL
LO-LUSTRE

No claim is made to the word "Lo-Lustre" apart from the mark shown in the drawing.
Particular description of goods.—Semigloss Enamel-Finish Paint.
Claims use since June, 1926.

Ser. No. 242,416. (CLASS 38. PRINTS AND PUBLICATIONS.) DELL PUBLISHING COMPANY, New York, N. Y. Filed Jan. 6, 1927.

FILM FUN

"Film Fun."
Particular description of goods.—Magazine Published Monthly.
Claims use since June 28, 1915.

Ser. No. 242,531. (CLASS 39. CLOTHING.) THE FLORSHEIM BROS. DRY GOODS CO. LTD., Shreveport, La. Filed Jan. 8, 1927. Under 10-year proviso.

FLORSHEIM
HOSIERY

Particular description of goods.—Hosiery.
Claims use since January, 1870.

Ser. No. 242,542. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LE MAIRE PERFUMEUR, INC., Chicago, Ill. Filed Jan. 8, 1927.



The drawing is lined to indicate a yellow color.
Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Incense, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Talcum Powders, and Sachets.
Claims use since 1900.

Ser. No. 242,566. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) BEHR & HIRTENSTEIN, New York, N. Y. Filed Jan. 10, 1927.



POLLY
SPEAKS FOR ITSELF

Particular description of goods.—Manufactured Articles of Celluloid—Namely, Barrettes, Hairpins, Combs, Water-Waving Combs, Water Wavers, Shoehorns, and Toilet Sets Comprising Comb, Hairbrush, Pincushion, Pin Tray, Manicure Implements in Container, and Hand Mirror.
Claims use since Jan. 1, 1924.

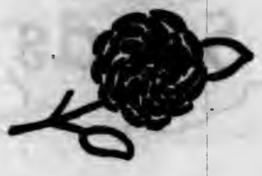
Ser. No. 242,621. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES G. ROMANO, doing business as Charles G. Romano & Co., New York, N. Y. Filed Jan. 10, 1927.



Applicant disclaims the right to the exclusive use of the word "Piemonte" and the representation of the map and the pictorial representation of two bunches of grapes apart from the mark shown, also the words "Fruit Jam."
Particular description of goods.—Fruit Jams.
Claims use since Dec. 21, 1926.

Ser. No. 242,676. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LAWRENCE, INCORPORATED, Philadelphia, Pa. Filed Jan. 11, 1927.

UNE
FLEUR



Particular description of goods.—Toilet Preparations—Namely, Toilet Water, Shampoo, Perfume, and Powder.
Claims use since Apr. 20, 1926.

Ser. No. 242,709. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PAUL CRICCHIO, New York, N. Y. Filed Jan. 12, 1927.



Particular description of goods.—Steel Dies and Bronze Molds.
Claims use since Jan. 22, 1925.

Ser. No. 242,715. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) EVERYBODY'S TALKING MACHINE COMPANY, INC., Philadelphia, Pa. Filed Jan. 12, 1927.

HONEST
QUAKER

Particular description of goods.—Springs for Talking Machines.
Claims use since about Oct. 1, 1920.

Ser. No. 242,716. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) EVERYBODY'S TALKING MACHINE COMPANY, INC., Philadelphia, Pa. Filed Jan. 12, 1927.

UMANTONE

Particular description of goods.—Reproducers and Needles for Talking Machines.
Claims use since about Oct. 10, 1919.

Ser. No. 242,752. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOLOMON R. SEROOGY, doing business as Sol Seroogy, Green Bay, Wis. Filed Jan. 12, 1927.

SOL'S
Secret

Particular description of goods.—Bar Candies.
Claims use since August, 1926.

Ser. No. 242,786. (CLASS 12. CONSTRUCTION MATERIALS.) WILLIAM L. KANN, Pittsburgh, Pa. Filed Jan. 13, 1927.

KWATTA

Particular description of goods.—Lumber, Both Finished and Unfinished.
Claims use since May, 1922.

Ser. No. 242,801. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. D. RIEDEL AKTIENGESELLSCHAFT, Berlin-Britz, Germany. Filed Jan. 13, 1927.

Tetrophine

Particular description of goods.—A Spasmodic Used in the Treatment of Tabes, Pseudotabes, Multiple Sclerosis, Myasthenia, and Pernicious Anæmia.
Claims use since July 13, 1926.

Ser. No. 242,824. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) C. K. EAGLE & CO., INC., Shamokin, Pa., and New York, N. Y. Filed Jan. 14, 1927.

SARASOTA
CREPE

No claim is made herein to the exclusive use of the word "Crepe" apart from the association shown in the drawing.
Particular description of goods.—Silk Goods in the Piece.
Claims use since Dec. 23, 1925.

Ser. No. 242,932. (CLASS 27. HOROLOGICAL INSTRUMENTS.) S. WEISSMAN CO., INC., New York, N. Y. Filed Jan. 15, 1927.

GUARANTEED WATCH

WECSBRO

The words "Guaranteed Watch" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Watches, Watch Movements, and Parts of the Same.

Claims use since on or about Nov. 15, 1926.

Ser. No. 242,982. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. H. BROOTEN & SONS, INC., Cloverdale, Oreg. Filed Jan. 18, 1927.

H.H.Brooten's

WONDER MINERALS

Nature's Health Gift from the Sea

The portrait appearing in the mark is a picture of H. H. Brooten, the president of the corporation. No claim is made to the words "Minerals" and "Nature's Health Gift from the Sea."

Particular description of goods.—Kelp Mineral Products for Medicinal Purposes in Dry and Liquid Form for Use in the Treatment of Stomach Trouble, Blood Diseases, Hardening of the Arteries, Kidney and Bladder Diseases, Rheumatism, Goiter, Skin Diseases, Diabetes, Scrofula, Tumor, Female Troubles, for Use as an Astringent and as a Douche in Vaginal and Uterine Troubles, for External Application on Sores and Inflammations and for Use as a General Tonic.

Claims use since Jan. 10, 1927.

Ser. No. 243,008. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE J. M. MCCULLOUGH'S SONS CO., Cincinnati, Ohio. Filed Jan. 18, 1927.

Buckeye Brand Seeds

No claim is made to the exclusive use of the words "Brand" and "Seeds" nor to the representation of a map separate and apart from the mark except as shown. The mark comprises the word symbol "Buckeye" enclosed in the representation of the geographical outline or map boundary of the said State of Ohio.

Particular description of goods—Seeds, Plants, and Bulbs.

Claims use since Nov. 23, 1926.

Ser. No. 243,025. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) SIMSON & FREY, INC., New York, N. Y. Filed Jan. 18, 1927.

"Tucolor"

Particular description of goods.—Violin and Cello Strings.

Claims use since 1911.

Ser. No. 243,038. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DELONEY & COMPANY, INC., Hammond, Ind., and Chicago, Ill. Filed Jan. 19, 1927. Under 10-year proviso.

DELONEY'S

Particular description of goods.—Ointment for Skin Diseases and a Tonic for Hair and Scalp.

Claims use since 1886.

Ser. No. 243,057. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) JOHN H. HEIMBUECHER METALS CO., St. Louis, Mo. Filed Jan. 19, 1927.



Particular description of goods.—Brass and Copper Tubing, Gutter Hangers, Rivets, Bolts, and Nails.

Claims use since about Oct. 15, 1926.

Ser. No. 243,058. (CLASS 15. OILS AND GREASES.) LEMONT REFINING COMPANY, Lemont, Ill. Filed Jan. 19, 1927.

Once Tried

TRYME GAS

Always Used

No claim is made apart from the mark shown in the drawing to the words "Once Tried Always Used" or the word "Gas."

Particular description of goods.—Motor Fuel Oils.

Claims use since Dec. 6, 1926.

Ser. No. 243,101. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MEADOR AND YOUNG, INCORPORATED, Nashville, Tenn. Filed Jan. 20, 1927.

GOLDEN ARROW

—COAL—

Exclusive use of the word "Coal" is disclaimed.

Particular description of goods.—Coal.

Claims use since Jan. 1, 1927.

Ser. No. 243,109. (CLASS 38. PRINTS AND PUBLICATIONS.) PRO-DISTRIBUTORS PUBLISHING COMPANY, INC., New York, N. Y. Filed Jan. 20, 1927.

★BLACK MASK★

Particular description of goods.—Monthly Magazine.

Claims use since Dec. 12, 1926.

Ser. No. 243,110. (CLASS 39. CLOTHING.) LAURA M. RADWAY, New York, N. Y. Filed Jan. 20, 1927.

RAINIES

Particular description of goods.—Overshoes.

Claims use since Dec. 28, 1926.

Ser. No. 243,174. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE SCANDINAVIA BELTING COMPANY, Newark, N. J. Filed Jan. 21, 1927. (Sec. 5b, act of 1905, as amended 1920.)

"SCANDINAVIA"

Particular description of goods.—Woven Belting, Transmission and Brake Lining.

Claims use since about Jan. 1, 1892, on woven belting; since about 1905 on transmission and brake lining.

Ser. No. 243,185. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ACKERMANN AND COMPANY, Atlanta, Ga. Filed Jan. 22, 1927.

ACKERMANN'S SALADENE

No claim is made to the surname "Ackermann's" apart from the mark.

Particular description of goods.—Pickle Relish.

Claims use since Jan. 7, 1927.

Ser. No. 243,188. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ARLINGTON RUBBER COMPANY, Everett, Mass. Filed Jan. 22, 1927.

Big 3

Particular description of goods.—Golf Balls.
Claims use since Mar. 20, 1926.

Ser. No. 243,230. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) THE C. M. PIET & SONS COMPANY, Baltimore, Md. Filed Jan. 22, 1927.

SUNNYJUICE

Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink and Sirup for Making Same.
Claims use since Jan. 10, 1927.

Ser. No. 243,266. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) SIGMUND L. GOLDMAN, doing business as Stone Malt Co., Chicago, Ill., and Columbus, Ohio. Filed Jan. 24, 1927.



Particular description of goods.—Malt Sirup for Beverage Purposes.
Claims use since Feb. 1, 1924.

Ser. No. 243,270. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WM. E. HOOPER & SONS CO., Woodberry, Baltimore, Md. Filed Jan. 24, 1927.

CANVASBACK

Particular description of goods.—Waterproof Fabric and Waterproof Cotton Duck.
Claims use since Jan. 18, 1927.

Ser. No. 243,275. (CLASS 32. FURNITURE AND UPHOLSTERY.) ED LIEBERMAN, Chicago, Ill. Filed Jan. 24, 1927.



Applicant disclaims exclusive appropriations of all words and figures appearing in the drawing except the word "Le-Duxe."
Particular description of goods.—Bed Springs.
Claims use since Oct. 1, 1926.

Ser. No. 243,331. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE WILLIAM A. WEBSTER COMPANY, doing business as Mutual Manufacturing Co., Memphis, Tenn., and Kansas City, Mo. Filed Jan. 25, 1927.

LATHER-EASE

No claim is made to the word "Lather" except in conjunction with the other elements of the mark.
Particular description of goods.—Shaving Cream to be Used Before Shaving.
Claims use since Jan. 26, 1924.

Ser. No. 243,332. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE WILLIAM A. WEBSTER COMPANY, Memphis, Tenn. Filed Jan. 25, 1927.

SUPERSEPTIC

Particular description of goods.—Shaving Creams to be Used After Shaving, Dental Creams, Mouth Washes, Foot Powders, Hand and Face Lotions, Deodorants, and Disinfectants.
Claims use since Jan. 11, 1927.

Ser. No. 243,345. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CAIN BROS. MILLING CO., Leavenworth, Kans. Filed Jan. 26, 1927.



No claim is made to the word "Cain's" apart from the mark shown in the drawing.
Particular description of goods.—Wheat Flour, Mill Feed, and Corn Meal.
Claims use since September, 1926.

Ser. No. 243,508. (CLASS 12. CONSTRUCTION MATERIALS.) THE STERLING PRODUCTS COMPANY, Cleveland, Ohio. Filed Jan. 28, 1927.

SterProx

Particular description of goods.—Plastic Material Used as a Cement for Airproofing, Masonry, Metal, and Other Building Surfaces; Also Used for Waterproofing and Weatherproofing Such Surfaces.
Claims use since about Dec. 1, 1926.

Ser. No. 243,509. (CLASS 12. CONSTRUCTION MATERIALS.) THE STERLING PRODUCTS COMPANY, Cleveland, Ohio. Filed Jan. 28, 1927.

Resilictex

Particular description of goods.—Asphalt Emulsion Forming a Mastic When Mixed With Cement and Other Building Materials, for Bonding Plaster, Wall Boards, Cork Insulation, and Similar Materials to Walls and for Patching and Resurfacing Wood, Cement, and Other Floors.
Claims use since about Nov. 1, 1926.

Ser. No. 243,541. (CLASS 44. DENTAL, MEDICAL AND SURGICAL APPLIANCES.) GISH-FORTNEY CO. INC., Louisville, Ky. Filed Jan. 29, 1927.

DIALITE

Particular description of goods.—Therapeutic Apparatus for Generating and Applying Infra-Red Rays.
Claims use since June 1, 1926.

Ser. No. 243,566. (CLASS 12. CONSTRUCTION MATERIALS.) STANDARD FUEL ENGINEERING COMPANY, Detroit, Mich. Filed Jan. 29, 1927.

ZERO

Particular description of goods.—High-Temperature Cement.
Claims use since Jan. 22, 1927.

Ser. No. 243,583. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) BETTER HEALTH MALT SYRUP CO., Chicago, Ill. Filed Jan. 31, 1927.

BETTER HEALTH



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Nov. 15, 1926.

Ser. No. 243,608. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK F. JACOBS, Indianapolis, Ind. Filed Jan. 31, 1927.

Jacobs OIL



No claim is made to the word "Oil" apart from the mark shown. The portrait is that of applicant.

Particular description of goods.—Liquid Medicine for Internal and External Use in the Treatment of Animals for Disease and Injury.

Claims use since Jan. 1, 1915.

Ser. No. 243,639. (CLASS 12. CONSTRUCTION MATERIALS.) ATLANTIC GYPSUM PRODUCTS COMPANY, Boston, Mass. Filed Feb. 1, 1927.

AEROCK

Particular description of goods.—Building Blocks, Partition Tile, Insulating Tile, Sheathing Slabs, and Structural Units.

Claims use since Jan. 22, 1927.

Ser. No. 243,641. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DUNDAS R. CAMPBELL, doing business as PhaMaSal Company, Rockville Center, N. Y. Filed Feb. 1, 1927.

PhaMaSal

Particular description of goods.—Medicinal Powders for the Relief of Pain Such as Neuralgia, Neuritis, Rheumatism, Headaches, and Other Painful Afflictions.

Claims use since Dec. 1, 1926.

Ser. No. 243,676. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE WENSLEY METAL PRODUCTS COMPANY, Denver, Colo. Filed Feb. 1, 1927.

HERO

Particular description of goods.—Drum Traps.

Claims use since about Feb. 17, 1906.

Ser. No. 243,680. (CLASS 12. CONSTRUCTION MATERIALS.) AMERICAN FINANCE & COMMERCE COMPANY, San Francisco, Calif. Filed Feb. 2, 1927.



Particular description of goods.—Structural-Steel Members.

Claims use since Jan. 1, 1927.

Ser. No. 243,689. (CLASS 12. CONSTRUCTION MATERIALS.) DARLING-SINGER LUMBER CO., Portland, Oreg. Filed Feb. 2, 1927.



Particular description of goods.—Lumber.

Claims use since Apr. 12, 1926.

Ser. No. 243,698. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELIAS GREENBERG, New York, N. Y. Filed Feb. 2, 1927.

"MENTHALC"

Particular description of goods.—Medicinal Preparation for the Relief of Aches, Pains, Headaches, Bruises, Catarrh, Neuralgia, Hay Fever, and Head Colds.

Claims use since about Jan. 20, 1927.

Ser. No. 243,705. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) Mrs. I. LEONARD JAMES, doing business as Prescription Laboratories, Atlanta, Ga. Filed Feb. 2, 1927.

Throto-Ceptic

Particular description of goods.—Mouth and Throat Antiseptic, Astringent, and Prophylactic.

Claims use since July 1, 1926.

Ser. No. 243,708. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KRAFT CHEESE COMPANY, Chicago, Ill. Filed Feb. 2, 1927.



Particular description of goods.—Cheese.

Claims use since June, 1922.

Ser. No. 243,727. (CLASS 31. FILTERS AND REFRIGERATORS.) SANAT REFRIGERATING COMPANY, New York, N. Y. Filed Feb. 2, 1927.



Particular description of goods.—Refrigerators and Refrigerating Machinery.

Claims use since Jan. 6, 1926.

Ser. No. 243,734. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) NATHAN L. WEILL, INC., New York, N. Y. Filed Feb. 2, 1927.

MARFEOL

Particular description of goods.—Furs and Skins in the Piece.

Claims use since Jan. 2, 1927.

Ser. No. 243,746. (CLASS 38. PRINTS AND PUBLICATIONS.) WALTER E. BOYD, Paris, Tex. Filed Feb. 3, 1927.

The Dinner Horn

Particular description of goods.—Daily Newspaper.

Claims use since July 1, 1887.

Ser. No. 243,757. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE HADFIELD-PENFIELD STEEL COMPANY, Bucyrus, Ohio. Filed Feb. 3, 1927.

ROAD HOG

Particular description of goods.—Tractors, Road Graders, Road-Working Machines, and Parts Thereof.

Claims use since Dec. 1, 1926.

Ser. No. 243,761. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE IMPERIAL SILK HOUSE, New York, N. Y. Filed Feb. 3, 1927.

MEE - TEE CREPE

Applicant disclaims the use of the word "Crepe" apart from the mark shown in the drawing.

Particular description of goods.—Cotton, Silk, Artificial-Silk, Wool, Mixture of Wool and Silk, Mixture of Cotton and Silk Piece Goods.

Claims use since February, 1926.

Ser. No. 243,762. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JOHNSON LUMBER COMPANY, Manchester, N. H. Filed Feb. 3, 1927.

BUILDIT

Particular description of goods.—Toy Miniature Lumber.

Claims use since Jan. 18, 1927.

Ser. No. 243,767. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAGIC COFFEE COMPANY, Pittsburgh, Pa. Filed Feb. 3, 1927.

Magic

Particular description of goods.—Liquid Coffee Extract.

Claims use since Aug. 20, 1925.

Ser. No. 243,783. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RANIER PHARMACEUTICAL PRODUCTS CO., Kenmore, N. Y. Filed Feb. 3, 1927.

PASTILLAS GASTRICAS RANIER

Applicant disclaims for this registration any right to the exclusive use of the words "Pastillas" and "Gastricas" except in the precise relation and association in which they appear.

Particular description of goods.—Pharmaceutical Preparations—Namely, Preparations for the Treatment and Prevention of Ailments Due to Improper Assimilation of Food, as, for Instance, Indigestion or Dyspepsia.

Claims use since December, 1925.

Ser. No. 243,795. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ACME COTTON PRODUCTS CO., INC., New York, N. Y. Filed Feb. 4, 1927.

Dixie Belle

Particular description of goods.—Sanitary Napkins.
Claims use since Jan. 3, 1927.

Ser. No. 243,802. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) FALCON MOTORS CORPORATION, Detroit, Mich. Filed Feb. 4, 1927.



No claim is made to the exclusive use of the word "Knight" apart from the mark as shown.
Particular description of goods.—Passenger-Carrying Automobiles.
Claims use since on or about Jan. 1, 1927.

Ser. No. 243,815. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) S. KOSTRITSKY, Paris, France. Filed Feb. 4, 1927.

S.K.

S. Kostritsky

The signature is that of applicant.
Particular description of goods.—Dentifrices.
Claims use since Nov. 9, 1926.

Ser. No. 243,837. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE WILLYS-OVERLAND COMPANY, Toledo, Ohio. Filed Feb. 4, 1927.



No claim is made to the exclusive use of the words "Trade-Mark," "Six," and "The Willys-Overland Company, Toledo, Ohio, U. S. A." apart from the mark as shown in the drawing.
Particular description of goods.—Passenger-Carrying Automobiles.
Claims use since on or about Jan. 7, 1927.

Ser. No. 243,871. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) METALS PROTECTION CORPORATION, Indianapolis, Ind. Filed Feb. 5, 1927.



Particular description of goods.—Salts and Buffing Compound for Use in Cadmium Plating.
Claims use since Jan. 2, 1925.

Ser. No. 243,878. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PENN HANDKERCHIEF CO., INC., Madison, N. C. Filed Feb. 5, 1927.

TUXEDO

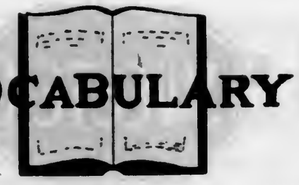
Particular description of goods.—Handkerchiefs.
Claims use since Nov. 18, 1925.

Ser. No. 243,884. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PRE-TEST PRODUCTS COMPANY, Sedalia, Mo. Filed Feb. 5, 1927.

DigestOzymE

Particular description of goods.—Digestant for All Poultry.
Claims use since Nov. 3, 1926.

Ser. No. 243,917. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ASSOCIATED EDUCATORS SYNDICATE, Bay City, Mich. Filed Feb. 7, 1927.



Particular description of goods.—Card Game.
Claims use since Mar. 1, 1926.

Ser. No. 243,919. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) BARNET LEATHER CO., INC., New York, N. Y. Filed Feb. 7, 1927.

CALICO

Particular description of goods.—Leather.
Claims use since May 1, 1926.

Ser. No. 243,938. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MAISON A. GAZZONI & COMPANIA, Bologna, Italy. Filed Feb. 7, 1927.



Particular description of goods.—Medicinal Product for the Treatment of Neurasthenia, Hysteria, and Hypochondria.
Claims use since 1908.

Ser. No. 243,945. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WM. E. HOOPER & SONS CO., Baltimore, Md. Filed Feb. 7, 1927.

AQUALITE

Particular description of goods.—Waterproof Fabric and Waterproof Cotton Duck.
Claims use since July 19, 1916.

Ser. No. 243,947. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WM. E. HOOPER & SONS CO., Baltimore, Md. Filed Feb. 7, 1927.

CASCADE

Particular description of goods.—Waterproof Fabric and Waterproof Cotton Duck.
Claims use since Jan. 24, 1927.

Ser. No. 243,948. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WM. E. HOOPER & SONS CO., Baltimore, Md. Filed Feb. 7, 1927.

DUNLEAKIN

Particular description of goods.—Waterproof Fabric and Waterproof Cotton Duck.
Claims use since Jan. 24, 1927.

Ser. No. 243,951. (CLASS 39. CLOTHING.) KEYSER & CO., New York, N. Y. Filed Feb. 7, 1927.



No claim is made to the word "Brand" apart from the mark shown on the drawing.
Particular description of goods.—Women's and Misses' Fur Coats, Spring Coats, Fur Neck Pieces, and Dresses.
Claims use since Dec. 1, 1926.

Ser. No. 243,965. (CLASS 12. CONSTRUCTION MATERIALS.) PIONEER PAPER COMPANY, Los Angeles, Calif. Filed Feb. 7, 1927.

RUBBERTEX

Particular description of goods.—Asphalt Compound for Coating Underground Pipes and Conduits.
Claims use since Jan. 3, 1927.

Ser. No. 243,967. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) POWELL DRUG CO., Sylvania, Ga. Filed Feb. 7, 1927.

Capanem

Particular description of goods.—Medicine for the Treatment of Headaches, Neuralgia, Rheumatism, Nervous and Sick Headaches, Pains from Colds, La Grippe, Periodical Pains, and Indigestion.
Claims use since June 1, 1926.

Ser. No. 243,973. (CLASS 39. CLOTHING.) J. SCHOENEMAN, INCORPORATED, Baltimore, Md. Filed Feb. 7, 1927.

Erinile

Particular description of goods.—Coats, Vests, Trousers, Knickerbockers, Top Coats, and Overcoats for Men, Youths, and Boys.
Claims use since Aug. 1, 1926.

Ser. No. 243,990. (CLASS 39. CLOTHING.) FRED R. WRIGHT, Charlotte, N. C. Filed Feb. 7, 1927.

Hi-Stepper

Particular description of goods.—Women's and Misses' Dresses.
Claims use since Jan. 29, 1927.

Ser. No. 244,005. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) EMSHEIMER & SAHLEIN, New York, N. Y. Filed Feb. 8, 1927.

CHIN CHIN CREPE

No claim is made to the right to the exclusive use of the word "Crepe" except in the setting and relation in which it appears in the drawing.
Particular description of goods.—Silk Fabrics.
Claims use since Nov. 5, 1926.

Ser. No. 244,008. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. ROY FLANIGAN, doing business as Sweetex Products, Williamsport, Pa. Filed Feb. 8, 1927.

SWEETEX

Particular description of goods.—Antiseptic Deodorizing Powder.
Claims use since Apr. 1, 1926.

Ser. No. 244,009. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. ROY FLANIGAN, Williamsport, Pa. Filed Feb. 8, 1927.

Nu-Gasto

Particular description of goods.—Medicine for Acid Stomach, Heartburn, Flatulence.
Claims use since Apr. 1, 1926.

Ser. No. 244,012. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HULSEBERG & KRUDENER, INC., New York and Brooklyn, N. Y. Filed Feb. 8, 1927.

H AND K

The lining for color shown on the drawing represents red and blue to conform to the colors shown on the specimens submitted, but the applicant does not limit its trade-mark right to any particular colors or combinations of colors.
Particular description of goods.—Cheese.
Claims use since July 1, 1924.

Ser. No. 244,019. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROSARIO MARTORANO, Brooklyn, N. Y. Filed Feb. 8, 1927.

CAVALIER

Particular description of goods.—Hair Tonics.
Claims use since Nov. 15, 1926.

Ser. No. 244,030. (CLASS 38. PRINTS AND PUBLICATIONS.) SMITH BROTHERS PUBLISHERS, INC., New York, N. Y. Filed Feb. 8, 1927.

BUYERS REGISTER

Particular description of goods.—Magazine.
Claims use since 1906.

Ser. No. 244,033. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) TENNESSEE STOVE WORKS, Chattanooga, Tenn. Filed Feb. 8, 1927.

MODERN MAID

Particular description of goods.—Coal, Wood, or Gas Ranges.
Claims use since Jan. 1, 1927.

Ser. No. 244,037. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) VICTOR ENGINEERING CORPORATION, New York, N. Y. Filed Feb. 8, 1927.

VI-CARBON

No claim is made to the exclusive right to the word "Carbon" apart from the mark shown.
Particular description of goods.—Ready-Mixed Paint and Paste Paint.
Claims use since Oct. 4, 1926.

Ser. No. 244,056. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE DAYTON FRICTION TOY COMPANY, Dayton, Ohio. Filed Feb. 9, 1927.

SUMTOY

No claim is made to the word "Toy" except in association with the word "Sum."
Particular description of goods.—Computing Toys Such as Toy Adding Machines, Cash Registers, and Computing Scales.
Claims use since Feb. 1, 1927.

Ser. No. 244,058. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) DEXTER-CARPENTER COAL COMPANY, INCORPORATED, New York, N. Y. Filed Feb. 9, 1927.

CLAIRE

Particular description of goods.—Coal.
Claims use since December, 1908.

Ser. No. 244,062. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) DEXTER-CARPENTER COAL COMPANY, INCORPORATED, New York, N. Y. Filed Feb. 9, 1927.

PRINCESS

Particular description of goods.—Coal.
Claims use since December, 1908.

Ser. No. 244,069. (CLASS 39. CLOTHING.) GREENHILL & DANIEL, Brooklyn, N. Y. Filed Feb. 9, 1927.

"Sea Hawk"

"Sea Hawk."
Particular description of goods.—Bathing Suits.
Claims use since Jan. 15, 1927.

Ser. No. 244,086. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE NARROW FABRIC CO., West Reading and Reading, Pa. Filed Feb. 9, 1927.

Nusan

Particular description of goods.—Sanitary Napkins.
Claims use since about Jan. 1, 1927.

Ser. No. 244,087. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) NATIONAL GOLF SERVICE CO., INC., New York, N. Y. Filed Feb. 9, 1927.

"PAR"

Particular description of goods.—Card Game.
Claims use since Dec. 22, 1926.

Ser. No. 244,092. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OLD TRUSTY DOG FOOD COMPANY, Needham Heights, Mass. Filed Feb. 9, 1927.

TIT-BITS

Particular description of goods.—Dog Food.
Claims use since 1919.

Ser. No. 244,094. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OLD TRUSTY DOG FOOD COMPANY, Needham Heights, Mass. Filed Feb. 9, 1927.



Particular description of goods.—Dog Food.
Claims use since 1916.

Ser. No. 244,105. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa. Filed Feb. 9, 1927.

KRYOFLUX

Particular description of goods.—Cryolite.
Claims use since Jan. 18, 1927.

Ser. No. 244,150. (CLASS 38. PRINTS AND PUBLICATIONS.) GLEN-KEL PUBLISHING CO., INC., New York, N. Y. Filed Feb. 10, 1927.

North O West STORIES

"North O West Stories."
Particular description of goods.—Magazine Published Twice a Month.
Claims use since April, 1925.

Ser. No. 244,161. (CLASS 12. CONSTRUCTION MATERIALS.) LOCKPORT PAPER COMPANY, Lockport, N. Y. Filed Feb. 10, 1927.



Particular description of goods.—Building Felts.
Claims use since August, 1925.

Ser. No. 244,164. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOS ANGELES SOAP COMPANY, Los Angeles, Calif. Filed Feb. 10, 1927.

PACIFIC ECONOMY

Particular description of goods.—Soda.
Claims use since Mar. 22, 1913.

Ser. No. 244,165. (CLASS 38. PRINTS AND PUBLICATIONS.) MACFADDEN PUBLICATIONS INCORPORATED, New York, N. Y. Filed Feb. 10, 1927.

TRUE LOVE LETTERS

Particular description of goods.—Monthly Magazine.
Claims use since Feb. 3, 1927.

Ser. No. 244,172. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAVID MICHAEL & CO., Philadelphia, Pa. Filed Feb. 10, 1927.

MIXEVAN

Particular description of goods.—Flavoring for Food Products.
Claims use since Nov. 4, 1926.

Ser. No. 244,173. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) MILLER-SMITH, INC., Cedar Grove, La. Filed Feb. 10, 1927.

SHUFFLING SAMBO

Particular description of goods.—Mechanical Toy Figure.
Claims use since Jan. 27, 1927.

Ser. No. 244,178. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) S. PFEIFFER MFG. CO., St. Louis, Mo. Filed Feb. 10, 1927.

CREOCOF

Particular description of goods.—Medicinal Preparation for the Relief of Coughs, Colds, Hoarseness, and Bronchial Affections, and Pulmonary Disorders.
Claims use since Nov. 1, 1926.

Ser. No. 244,181. (CLASS 39. CLOTHING.) REAL SILK HOSIERY MILLS, Indianapolis, Ind. Filed Feb. 10, 1927.

Gold Button Brand

Applicant disclaims exclusive right to the word "Brand" except as used in the form shown.
Particular description of goods.—Hosiery.
Claims use since Jan. 15, 1927.

Ser. No. 244,195. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VONEIFF-DRAYER CO., Baltimore, Md. Filed Feb. 10, 1927.



Particular description of goods.—Candy—Namely, Chocolates.
Claims use since June 1, 1921.

Ser. No. 244,208. (CLASS 27. HOROLOGICAL INSTRUMENTS.) H. S. BENEDIKT COMPANY, INC., New York, N. Y. Filed Feb. 11, 1927.

NEVALATE

Particular description of goods.—Clocks.
Claims use since Jan. 27, 1927.

Ser. No. 244,223. (CLASS 39. CLOTHING.) MORRIS FREEZER, New York, N. Y. Filed Feb. 11, 1927.

HONEST GEORGE

Particular description of goods.—Boys' Wear—Viz, Blouses, Suits in One, Two, and Three Piece Garments, and Overcoats, and Men's and Boys' Lumber Jackets.
Claims use since Feb. 4, 1927.

Ser. No. 244,242. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) G. REIS & BRO., INC., New York, N. Y. Filed Feb. 11, 1927.



Applicant disclaims the right to the exclusive use of the words "Textile Paint" and "Transparent" apart from the mark shown in the drawing.
Particular description of goods.—Textile Paints—i. e., Ready-Mixed, Transparent, and Opaque Paints in Paste and Liquid Form, and Paint Thinner and Brush Wash.
Claims use since about Jan. 21, 1927.

Ser. No. 244,260. (CLASS 39. CLOTHING.) WILLIAM G. WEBER, doing business as Weber Correcto Belt Co., New York, N. Y. Filed Feb. 11, 1927.

CORRECTO

Correcto.
Particular description of goods.—Corset Belt.
Claims use since Jan. 15, 1927.

Ser. No. 244,303. (CLASS 10. FERTILIZERS.) INTERNATIONAL AGRICULTURAL CORPORATION, New York, N. Y. Filed Feb. 12, 1927.



Particular description of goods.—Fertilizers.
Claims use since about Jan. 1, 1920.

Ser. No. 244,351. (CLASS 38. PRINTS AND PUBLICATIONS.) EXHIBITORS REVIEW PUBLISHING CORPORATION, New York, N. Y. Filed Feb. 14, 1927.

DAILY REVIEW EXHIBITORS

"Exhibitors Daily Review."
Particular description of goods.—Daily Publication.
Claims use since Oct. 20, 1925.

Ser. No. 244,358. (CLASS 38. PRINTS AND PUBLICATIONS.) LOYLESS PUBLISHING COMPANY, Atlanta, Ga. Filed Feb. 14, 1927.

Ice Cream Field
NATIONAL JOURNAL

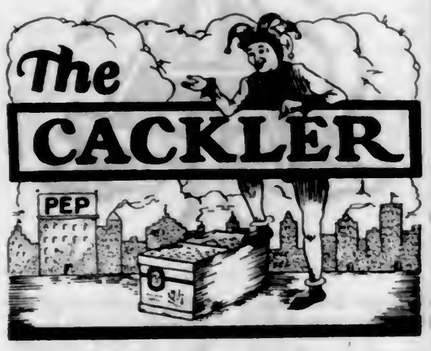
Particular description of goods.—Monthly Publication.
Claims use since May, 1922.

Ser. No. 244,361. (CLASS 38. PRINTS AND PUBLICATIONS.) THE METHODIST BOOK CONCERN, Cincinnati, Ohio. Filed Feb. 14, 1927.

The Church School Journal

Particular description of goods.—Periodical.
Claims use since Nov. 19, 1925.

Ser. No. 244,367. (CLASS 38. PRINTS AND PUBLICATIONS.) PACIFIC EGG PRODUCERS COOPERATIVE, INC., New York, N. Y. Filed Feb. 14, 1927.



Particular description of goods.—House Organ Published Monthly.
Claims use since Nov. 12, 1926.

Ser. No. 244,395. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) DETMER, BRUNER & MASON, INC., New York, N. Y. Filed Feb. 15, 1927.



Particular description of goods.—Woolen and Worsted Fabrics in the Piece.
Claims use since Jan. 25, 1927.

Ser. No. 244,396. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MICHAEL J. DOWNEY, Nashua, N. H. Filed Feb. 15, 1927.

D & D

Particular description of goods.—Liniment for Rheumatism, Sprains, and Neuralgia.
Claims use since July 1, 1926.

Ser. No. 244,401. (CLASS 15. OILS AND GREASES.) E. F. HOUGHTON & Co., Philadelphia, Pa. Filed Feb. 15, 1927.

Z-33

Particular description of goods.—Cutting Oils.
Claims use since Apr. 15, 1925.

Ser. No. 244,424. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CALIFORNIA SPRAY-CHEMICAL COMPANY, Watsonville, Calif. Filed Feb. 16, 1927.

BLUE GOOSE

Particular description of goods.—Insecticidal, Germicidal, and Fungicidal Sprays for Trees and Plants.
Claims use since Jan. 29, 1927.

Ser. No. 244,425. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CALIFORNIA SPRAY-CHEMICAL COMPANY, Watsonville, Calif. Filed Feb. 16, 1927.

Sunkist

Particular description of goods.—Insecticidal, Germicidal, and Fungicidal Sprays for Trees and Plants.
Claims use since Jan. 29, 1927.

Ser. No. 244,426. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CALIFORNIA SPRAY-CHEMICAL COMPANY, Watsonville, Calif. Filed Feb. 16, 1927.

SUNMAID

Particular description of goods.—Insecticidal, Germicidal, and Fungicidal Sprays for Trees and Plants.
Claims use since Jan. 29, 1927.

Ser. No. 244,437. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FREDERICK STEARNS & COMPANY, Detroit, Mich. Filed Feb. 16, 1927.

GUAIALIX

"Guaialix."
Particular description of goods.—Medicinal Preparation for the Treatment of Coughs, Colds, and the Like.
Claims use since Jan. 6, 1927.

Ser. No. 244,439. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NUEVO L. HAAS, doing business as Haas Bros., Benton Harbor, Mich. Filed Feb. 16, 1927.



No claim is made to the exclusive use of the words "Corn Plaster."
Particular description of goods.—Corn Plasters.
Claims use since Dec. 18, 1925.

Ser. No. 244,449. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN STEEDMAN & COMPANY, London, England. Filed Feb. 16, 1927. Under 10-year proviso.

STEEDMAN'S
SOOTHING POWDERS,
For Children Cutting their Teeth.
Price
Prepared only by JOHN STEEDMAN & Co. Walworth, Surrey.—Made in England.

Particular description of goods.—Teething Powders.
Claims use since 1847.

Ser. No. 244,463. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NIKETOL, INC., New York, N. Y. Filed Feb. 16, 1927.

Niketol

Particular description of goods.—Anæsthetics.
Claims use since Feb. 10, 1927.

Ser. No. 244,471. (CLASS 38. PRINTS AND PUBLICATIONS.) RAND MCNALLY AND COMPANY, Chicago, Ill. Filed Feb. 16, 1927.

CHILD LIFE
The Children's Own Magazine

"Child Life the Children's Own Magazine."
Particular description of goods.—Monthly Publication.
Claims use since December, 1921.

Ser. No. 244,479. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) F. U. STEARNS & COMPANY, New York, N. Y. Filed Feb. 16, 1927.

YOURKLOTH

No claim is made to the exclusive use of the word "Kloth" apart from the mark shown in the drawing.
Particular description of goods.—Cotton Piece Goods.
Claims use since Jan. 1, 1922.

Ser. No. 244,497. (CLASS 38. PRINTS AND PUBLICATIONS.) GILMOUR, ROTHERY & Co., Boston, Mass. Filed Feb. 17, 1927.

The Service Messenger

"The Service Messenger."
Particular description of goods.—House Organs.
Claims use since Mar. 1, 1924.

Ser. No. 244,507. (CLASS 38. PRINTS AND PUBLICATIONS.) EDWARD T. MAPLES, San Francisco, Calif. Filed Feb. 17, 1927.

The
WESTERN HOTEL REPORTER

"The Western Hotel Reporter."
Particular description of goods.—Periodical.
Claims use since November, 1904.

Ser. No. 244,511. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE OILGEAR COMPANY, Milwaukee, Wis. Filed Feb. 17, 1927.

VARIDUCER

Particular description of goods.—Hydraulic Transmission Units.
Claims use since Nov. 18, 1926.

Ser. No. 244,521. (CLASS 38. PRINTS AND PUBLICATIONS.) UNION PUBLISHING COMPANY, Dallas, Tex. Filed Feb. 17, 1927.

TEXAS FREEMASON

Particular description of goods.—Monthly Magazine.
Claims use since March, 1893.

Ser. No. 244,543. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHAPIN & COMPANY, Chicago, Ill. Filed Feb. 18, 1927.



Particular description of goods.—Prepared Dairy Feeds.
Claims use since May, 1903.

Ser. No. 244,547. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DELANO, POTTER & CO., INC., Boston, Mass. Filed Feb. 18, 1927.

SPRING BLOOM

Particular description of goods.—Tea and Coffee.
Claims use since July 31, 1920.

Ser. No. 244,550. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) R. E. DIETZ COMPANY, New York, N. Y. Filed Feb. 18, 1927.

LITTLE GIANT

Particular description of goods.—Oil-Burning Lanterns and the Burners and Metal Parts Thereof.
Claims use since Jan. 15, 1927.

Ser. No. 244,569. (CLASS 38. PRINTS AND PUBLICATIONS.) LUCY W. PEABODY, Cambridge, Mass. Filed Feb. 18, 1927.

EVERYLAND

Particular description of goods.—Monthly Magazine.
Claims use since December, 1908.

Ser. No. 244,575. (CLASS 15. OILS AND GREASES.) SMITH & NICHOLS, INCORPORATED, New York, N. Y. Filed Feb. 18, 1927.

CHALICE

Particular description of goods.—Candles.
Claims use since 1926.

Ser. No. 244,577. (CLASS 15. OILS AND GREASES.) SMITH & NICHOLS, INCORPORATED, New York, N. Y. Filed Feb. 18, 1927.

PIONEER

Particular description of goods.—Candles.
Claims use since November, 1926.

Ser. No. 244,579. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIETE ANONYME "LES HESPERIDEES," Paris, France. Filed Feb. 18, 1927.



Particular description of goods.—Oils, Essences, and Raw Materials for Perfumes and Perfumery Products.
Claims use since 1907.

Ser. No. 244,581. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) UNIVERSAL MILLS, Fort Worth, Tex. Filed Feb. 18, 1927.

MO-FUL

Particular description of goods.—Feed for Livestock.
Claims use since Nov. 1, 1926.

Ser. No. 244,585. (CLASS 11. INKS AND INKING MATERIALS.) F. S. WEBSTER COMPANY, Boston, Mass. Filed Feb. 18, 1927.

WEBCO

Particular description of goods.—Inking Ribbons and Carbon Paper.
Claims use since June 9, 1922.

Ser. No. 244,591. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ALBERT GODDE, BEDIN, INC., New York, N. Y. Filed Feb. 19, 1927.

GRANDCHIC

Particular description of goods.—Silk Piece Goods.
Claims use since Feb. 1, 1927.

Ser. No. 244,603. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE CINCINNATI TRUSS COMPANY, Cincinnati, Ohio. Filed Feb. 19, 1927.

SILKID

Particular description of goods.—Trusses and Suspensories.
Claims use since on or about Jan. 1, 1927.

Ser. No. 244,606. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE DRAPER-MAYNARD COMPANY, Plymouth, N. H. Filed Feb. 19, 1927.

The Pirate of The Course

Particular description of goods.—Golf Balls.
Claims use since Jan. 1, 1927.

Ser. No. 244,643. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) NATHAN ZOHMAN, doing business as Acme Cork Co., New York, N. Y. Filed Feb. 19, 1927.

ACME

Particular description of goods.—Wooden Faucets.
Claims use since Dec. 1, 1925.

Ser. No. 244,672. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CURTISS CANDY COMPANY, Chicago, Ill. Filed Feb. 21, 1927.

BAMA

Particular description of goods.—Candy and Candy Bars.
Claims use since Sept. 1, 1926.

Ser. No. 244,682. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) EMERSON-BRANTINGHAM CORPORATION, Rockford, Ill. Filed Feb. 21, 1927.

GREAT PLAINS

"Great Plains."
Particular description of goods.—Plows and Harrows.
Claims use since Jan. 12, 1927.

Ser. No. 244,687. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE FREMONT MILLS, Fremont, Nebr. Filed Feb. 21, 1927.



Particular description of goods.—Wheat Flour.
Claims use since Dec. 28, 1926.

Ser. No. 244,711. (CLASS 27. HOROLOGICAL INSTRUMENTS.) MARCEL M. MIRABEAU, doing business as Lissauer & Company, New York, N. Y. Filed Feb. 21, 1927.

LISSCO

Particular description of goods.—Watches, Clocks, and Their Movements.
Claims use since Jan. 1, 1927.

Ser. No. 244,719. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WM. POLLOCK MILLING & ELEVATOR CO., Mexico, Mo. Filed Feb. 21, 1927.

TEA ROSE

Particular description of goods.—Wheat Flour.
Claims use since Jan. 22, 1927.

Ser. No. 244,720. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAMUEL SALETAN, doing business as Brooklyn Scientific Products Company, Brooklyn, N. Y. Filed Feb. 21, 1927.

EXICOL

Particular description of goods.—Medicinal Preparations to be Used in the Treatment of Liver and Gall-Bladder Diseases.
Claims use since Jan. 1, 1927.

Ser. No. 244,724. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCHULTZ, BAUJAN & Co., Beardstown, Ill. Filed Feb. 21, 1927.

Hi Way

Particular description of goods.—Wheat Flour.
Claims use since Jan. 26, 1927.

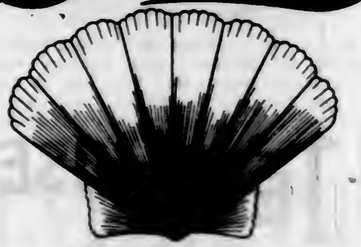
Ser. No. 244,727. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SPRATT'S PATENT (AMERICA) LIMITED, London, England. Filed Feb. 21, 1927.

ALSAX

Particular description of goods.—Dog Food.
Claims use since Oct. 15, 1926.

Ser. No. 244,762. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FISHER FLOURING MILLS COMPANY, West Waterway, Harbor Island, Seattle, Wash. Filed Feb. 23, 1927.

LaConcha



Particular description of goods.—Wheat Flour.
Claims use since May 3, 1924.

Ser. No. 244,770. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) HENRY HIRSH, doing business as Home Beverage Co., Chicago, Ill. Filed Feb. 23, 1927.

De Luxe

Particular description of goods.—Malt Sirup.
Claims use since January, 1924.

Ser. No. 244,783. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDMUND FRIDOLIN PABST, doing business as Pabst Chemical Co., Chicago, Ill. Filed Feb. 23, 1927.

RENOSAN

Particular description of goods.—Genito-Urinary Antiseptic and Diuretic.
Claims use since July 15, 1926.

Ser. No. 244,790. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) SETHNESS COMPANY, Chicago, Ill. Filed Feb. 23, 1927.

SILVER DEW

Particular description of goods.—Nonalcoholic, Maltless, Carbonated Beverages and Concentrates for Making Same.
Claims use since Dec. 10, 1926.

Ser. No. 244,796. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIETE ANONYME PAROSA, Issy-les-Molineaux, France. Filed Feb. 23, 1927.

IRALDONE

Particular description of goods.—Synthetic Perfume Essence or Base Used as a Violet Substitute.
Claims use since Sept. 30, 1926.

Ser. No. 244,797. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) SPARKLETTS ARTESIAN WATER CO., Los Angeles, Calif. Filed Feb. 23, 1927.

SPARKLETTS

Particular description of goods.—Drinking Water.
Claims use since Sept. 25, 1926.

Ser. No. 244,798. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MAX SPIVAK, New York, N. Y. Filed Feb. 23, 1927.

TRUDY

Particular description of goods.—Silk Piece Goods—Namely, Washable Crepes.
Claims use since Aug. 6, 1926.

Ser. No. 244,801. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TREMAINE ALFALFA RANCH & MILLING COMPANY, Mesa, Ariz. Filed Feb. 23, 1927.

SUNCRISP

Particular description of goods.—Fresh Lettuce.
Claims use since Feb. 5, 1927.

Ser. No. 244,824. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HEITKAMP BROS., INC., New Orleans, La. Filed Feb. 24, 1927.

Lux-ine

Particular description of goods.—Hairdressing or Tonic.
Claims use since July, 1916.

Ser. No. 244,825. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HUDSON & COMPANY, INC., New York, N. Y. Filed Feb. 24, 1927.

HUDDIES

Particular description of goods.—Antiseptic and Deodorant Preparation Recommended as a Mouth Wash, Throat Spray, Nasal Douche, Eye Wash, and for Internal Use in Cases of Digestive Disorders.
Claims use since Feb. 17, 1927.

Ser. No. 244,833. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GILES W. LEWIS, doing business as The Heftone Co., Vaughan, Miss. Filed Feb. 24, 1927.

HEFTONE

Particular description of goods.—Vegetable and Iron Compound for Use as a General Tonic and System Builder.
Claims use since Jan. 10, 1926.

Ser. No. 244,841. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) WILKENING MANUFACTURING COMPANY, Philadelphia, Pa. Filed Feb. 24, 1927.

DUOFLEX

Particular description of goods.—Piston Rings.
Claims use since Feb. 12, 1927.

Ser. No. 244,843. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) YUND, KENNEDY & YUND, Amsterdam, N. Y. Filed Feb. 24, 1927.

PATROON WOOLENS

Applicant disclaims the right to registration of the word "Woolens."
Particular description of goods.—Woolen Piece Goods.
Claims use since Feb. 1, 1927.

Ser. No. 244,854. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE DAIGGER CORPORATION, Chicago, Ill. Filed Feb. 25, 1927.

GLYXINE

Particular description of goods.—Substitutes for Glycerin.
Claims use since Dec. 1, 1925.

Ser. No. 244,855. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DEBOW & Co., Newark, N. J. Filed Feb. 25, 1927.

PRIDE of JERSEY

No exclusive right to the word "Jersey" is claimed apart from the mark as shown.
Particular description of goods.—Butter.
Claims use since Jan. 17, 1927.

Ser. No. 244,856. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) DRUGGISTS' SUPPLY CORPORATION, New York, N. Y. Filed Feb. 25, 1927.

APEX

Particular description of goods.—Golf Ball.
Claims use since Dec. 20, 1926.

Ser. No. 244,857. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) DRUGGISTS' SUPPLY CORPORATION, New York, N. Y. Filed Feb. 25, 1927.

GULL

Particular description of goods.—Golf Ball.
Claims use since Dec. 20, 1926.

Ser. No. 244,858. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) DRUGGISTS' SUPPLY CORPORATION, New York, N. Y. Filed Feb. 25, 1927.

LARK

Particular description of goods.—Golf Ball.
Claims use since Dec. 20, 1926.

Ser. No. 244,866. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) LAMBERT B. HERTZIG, doing business as Cleveland Toridair Co., Cleveland, Ohio. Filed Feb. 25, 1927.

TORIDAIR

Particular description of goods.—Liquid-Fuel Burners and Apparatus Associated Therewith Including a Pump, Blower, Ignition Devices, and Controls.
Claims use since about Feb. 1, 1927.

Ser. No. 244,871. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JELMARYL CO., Los Angeles, Calif. Filed Feb. 25, 1927.

Jelmaryl

Particular description of goods.—Jams, Jellies, Jelly Concentrate, and Fruit-Juice Concentrate for Food Flavoring.
Claims use since June 15, 1926.

Ser. No. 244,894. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SUNLAND LABORATORIES INC., Los Angeles, Calif. Filed Feb. 25, 1927.

SunGlint

Particular description of goods.—Shampoo, Hair Rinse, Hair Tonic, and Hairdressing.
Claims use since Aug. 15, 1926.

Ser. No. 244,902. (CLASS 38. PRINTS AND PUBLICATIONS.) THE WHITE COMPANY, Cleveland, Ohio. Filed Feb. 25, 1927.

The SANDBAG

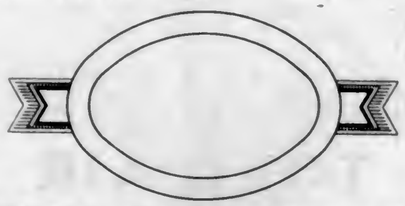
Particular description of goods.—Monthly Publications.
Claims use since May 25, 1925.

Ser. No. 244,903. (CLASS 38. PRINTS AND PUBLICATIONS.) THE WHITE COMPANY, Cleveland, Ohio. Filed Feb. 25, 1927.

White Sales Slants

Particular description of goods.—Semi-Monthly Publications.
Claims use since Feb. 1, 1927.

Ser. No. 244,906. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) VERBIN C. WOGOMAN, doing business as Wogoman Paint & Varnish Co., Los Angeles, Calif. Filed Feb. 25, 1927.



Particular description of goods.—Ready-Mixed Paints, Paint Enamels, Lacquers; Paint Oils—Namely, Linseed Oil, Automobile Polish, Varnishes, and Wood Stains.
Claims use since Oct. 1, 1926.

Ser. No. 244,913. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NED A. BALDING, Lincoln, Ill. Filed Feb. 26, 1927.

NU-I

Particular description of goods.—Medicine for the Treatment of the Eyes.
Claims use since Feb. 23, 1927.

Ser. No. 244,924. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GENERAL BAKING COMPANY, New York, N. Y. Filed Feb. 26, 1927.

Countess

Particular description of goods.—Cake.
Claims use since Feb. 24, 1927.

Ser. No. 244,925. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GENERAL BAKING COMPANY, New York, N. Y. Filed Feb. 26, 1927.



Particular description of goods.—Cake.
Claims use since Feb. 24, 1927.

Ser. No. 244,927. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE GREAT ATLANTIC & PACIFIC TEA CO., Jersey City, N. J. Filed Feb. 26, 1927.

8 O'CLOCK

Particular description of goods.—Coffee.
Claims use since 1869.

Ser. No. 244,936. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) INSERTOGRAPH CO., Waukesha, Wis. Filed Feb. 26, 1927.

Insertograph

Particular description of goods.—Mail-Inserting Machines.
Claims use since Feb. 18, 1927.

Ser. No. 244,939. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JUNE DAYS, INCORPORATED, Des Moines, Iowa. Filed Feb. 26, 1927.

JUNE-DAYS

Particular description of goods.—Face Powder, Bath Powder, Cold Cream, Rouge, Lip Sticks, and Astringent Cream.
Claims use since Apr. 1, 1926.

Ser. No. 244,949. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SEMION S. NELSON, Hartford, Conn. Filed Feb. 26, 1927.

KIX

Particular description of goods.—Cough Lozenges.
Claims use since December, 1926.

Ser. No. 244,993. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) EVERKEEN CORPORATION, Detroit, Mich. Filed Feb. 28, 1927.

EVERKEEN

Particular description of goods.—Magnetic Razor-Blade Sharpener.
Claims use since on or about June 1, 1923.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

APRIL 5, 1927.

226,159. MECHANICAL KNIFE SHARPENERS. THE PHILLIPS-LAFFITTE COMPANY, Philadelphia, Pa.
Filed November 18, 1924. Serial No. 205,489. PUBLISHED JANUARY 25, 1927.

226,160. FILMS OF VISCOSE, CELLULOSE SHEETS OBTAINED BY THE REGENERATION AND TRANSFORMATION OF VISCOSE AND OTHER CELLULOSE SOLUTIONS, WHETHER TRANSPARENT, OPAQUE, COLORED, OR UNCOLORED, METALLIZED, EMBOSSED, ORNAMENTED, OR PLAIN. WOLFF & CO., Walsrode, Germany.
Filed February 28, 1925. Serial No. 210,335. PUBLISHED JANUARY 18, 1927.

226,161. WATCHES, WATCH MOVEMENTS, AND PARTS THEREOF. JOSEPH GÖTTLIEB, doing business as "Sebinite Watch Co.," New York, N. Y.
Filed March 26, 1925. Serial No. 211,679. PUBLISHED JANUARY 18, 1927.

226,162. MEN'S AND YOUNG MEN'S MADE-TO-MEASURE SUITS AND OVERCOATS. WM. BURGER & SON, INC., doing business as Royal Society Clothes, New York, N. Y.
Filed August 26, 1925. Serial No. 219,375. PUBLISHED JANUARY 18, 1927.

226,163. COFFEE. HORACE M. B. MACK, doing business as Mack The Coffee Man, Lancaster, Pa.
Filed October 3, 1925. Serial No. 221,181. PUBLISHED AUGUST 3, 1926.

226,164. PRINTING PRESSES. R. HOE & CO., INC., New York, N. Y.
Filed October 22, 1925. Serial No. 222,121. PUBLISHED JANUARY 25, 1927.

226,165. CERTAIN NAMED CLOTHING. CHAIN SHIRT SHOPS, INC., New York, N. Y.
Filed February 25, 1926. Serial No. 227,775. PUBLISHED JANUARY 18, 1927.

226,166. CHOCOLATE CANDY. BISHOP & COMPANY, Los Angeles, Calif.
Filed April 26, 1926. Serial No. 230,713. PUBLISHED JULY 13, 1926.

226,167. HOSIERY. HARRY MARKS, doing business as Tulip Hosiery Co., Philadelphia, Pa.
Filed May 7, 1926. Serial No. 231,269. PUBLISHED JANUARY 18, 1927.

226,168. AUTOMOBILE SEAT COVERS. OSCAR L. JOHNSON, doing business as Minneapolis Auto Top & Seat Cover Co., Minneapolis, Minn.
Filed May 10, 1926. Serial No. 231,380. PUBLISHED SEPTEMBER 21, 1926.

226,169. GREASE CUPS. THE GREAS-OM-ETER CORPORATION, San Francisco, Calif.
Filed June 9, 1926. Serial No. 232,921. PUBLISHED JULY 27, 1926.

226,170. BITUMINOUS COAL, EXCEPTING SMITHING COAL. BLACK DIAMOND COAL MINING COMPANY, Drakesboro, Ky.
Filed June 8, 1926. Serial No. 232,865. PUBLISHED AUGUST 17, 1926.

226,171. WASHING AND CLEANING COMPOUND COMPRISING SOAP AND A SODA COMPOUND. P. C. TOMSON & CO., INC., Philadelphia, Pa.
Filed June 9, 1926. Serial No. 232,960. PUBLISHED JANUARY 25, 1927.

226,172. FILES AND KNIVES FOR MACHINES FOR WOOD AND METAL WORKING, PENKNIVES AND POCKET AND TABLE CUTLERY REQUIRING KEEN EDGES. THOS. FIRTH & SONS, LIMITED, Sheffield, England.
Filed June 17, 1926. Serial No. 233,366. PUBLISHED JANUARY 25, 1927.

226,173. DOUGHNUTS AND DOUGHNUT MIXTURE. DAWN DONUT COMPANY OF JACKSON, Jackson, Mich.
Filed June 19, 1926. Serial No. 233,481. PUBLISHED JANUARY 25, 1927.

226,174. EYECUP. THE CANTON GLASS COMPANY, Marion, Ind.
Filed June 22, 1926. Serial No. 233,601. PUBLISHED JANUARY 18, 1927.

226,175. SPIRIT LEVELS. MAYES BROTHERS TOOL MANUFACTURING COMPANY, INC., Port Austin, Mich.
Filed July 2, 1926. Serial No. 234,045. PUBLISHED JANUARY 11, 1927.

226,176. PIE DOUGH. MRS. EXZENE T. COLBURN, doing business as Mrs. Exzene Colburn, Chicago, Ill.
Filed July 3, 1926. Serial No. 234,095. PUBLISHED JANUARY 25, 1927.

226,177. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. THOMAS GORE, doing business as East Highland Citrus Association, East Highland, Calif.
Filed July 3, 1926. Serial No. 234,118. PUBLISHED JANUARY 18, 1927.

226,178. READY-MIXED METAL PAINTS. THE STERLING PRODUCTS COMPANY, Cleveland, Ohio.
Filed July 8, 1926. Serial No. 234,320. PUBLISHED JANUARY 18, 1927.

226,179. HOSIERY. GOLD HOSIERY COMPANY, New York, N. Y.
Filed December 30, 1924. Serial No. 207,450. PUBLISHED JANUARY 25, 1927.

226,180. PLAIN AND DECORATED TILES MADE OF BURNT CLAY. THE ENFIELD POTTERY & TILE WORKS, INCORPORATED, Enfield, Pa.
Filed January 28, 1925. Serial No. 208,748. PUBLISHED JANUARY 18, 1927.

226,181. DRY, PASTE, AND READY-MIXED PAINTS, PAINT ENAMELS, AND VARNISH. RICHARD H. OAKLEY, doing business as Oakley Paint Manufacturing Co., Los Angeles, Calif.
Filed February 19, 1925. Serial No. 209,863. PUBLISHED JANUARY 25, 1927.

226,182. PENCILS. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J.
Filed June 10, 1925. Serial No. 215,556. PUBLISHED JANUARY 25, 1927.

226,183. ATHLETIC UNDERWEAR, UNDERSHIRTS; DRESS, WORK, AND NEGLIGEE SHIRTS; UNION SUITS, SHIRTS, AND DRAWERS MADE OF ALL FABRICS FOR MEN, WOMEN, AND CHILDREN. BURNHAM-MUNGER-ROOT DRY GOODS COMPANY, Kansas City, Mo.
Filed June 24, 1925. Serial No. 216,319. PUBLISHED JANUARY 26, 1926.

226,184. GARTERS, LADIES' HATS, LADIES' NECKTIES, KNITTED SWEATERS, BATHING SUITS, MUFFLERS, AND TEXTILE AND LEATHER GLOVES. KORN BROS., New York, N. Y.
Filed September 30, 1925. Serial No. 221,016. PUBLISHED JANUARY 25, 1927.

226,185. LIQUID BEARD SOFTENER. T. NOONAN & SONS COMPANY, Boston, Mass.
Filed October 24, 1925. Serial No. 222,275. PUBLISHED JANUARY 25, 1927.

226,186. WOOD-SPLINT BUSHEL BASKETS FOR SHIPPING FRUIT AND VEGETABLES. THE EDGERTON MANUFACTURING CO., Plymouth, Ind.
Filed November 7, 1925. Serial No. 222,977. PUBLISHED JANUARY 25, 1927.

226,187. FILING AND MAILING ENVELOPES AND FOLDERS. CHARLES H. MCGILL, Minneapolis, Minn.
Filed November 23, 1925. Serial No. 223,731. PUBLISHED JANUARY 25, 1927.

226,188. FRESH FRUITS—TO WIT, BLUEBERRIES. RINGLING & WHITE, INC., New York, N. Y.
Filed December 5, 1925. Serial No. 224,295. PUBLISHED JANUARY 25, 1927.

226,189. COUPONS. SAVE-IT SYSTEM, INC., Norfolk, Va., and New Bern, N. C.
Filed December 24, 1925. Serial No. 225,141. PUBLISHED JANUARY 25, 1927.

226,190. WRITING PAPER, WRITING PADS, WRITING TABLETS. THE AMERICAN NEWS COMPANY, INC., New York, N. Y.
Filed January 27, 1926. Serial No. 226,460. PUBLISHED JANUARY 25, 1927.

226,191. WORK SHIRTS. REED BROTHERS, INC., Tupelo, Miss.
Filed February 18, 1926. Serial No. 227,473. PUBLISHED MAY 18, 1926.

226,192. ANTISEPTIC COMPOUND, PERFUMES, HAIR WASHES, AND MOUTH WASHES. AKTIEBOLAGET P. HÅKANSSON, Eslov, Sweden.
Filed March 26, 1926. Serial No. 229,210. PUBLISHED JANUARY 25, 1927.

226,193. LINIMENT. WILLIAM L. EDMISTON, Visalia, Calif.
Filed April 1, 1926. Serial No. 229,506. PUBLISHED JANUARY 25, 1927.

226,194. EUCALYPTUS OIL CONTAINED IN CAPSULES OR GLOBULES OF GELATIN. EDWARD G. BINZ COMPANY, Los Angeles, Calif.
Filed April 7, 1926. Serial No. 229,773. PUBLISHED JANUARY 25, 1927.

226,195. PERIODICAL PUBLICATION IN BULLETIN FORM. DORRANCE, SULLIVAN & COMPANY, New York, N. Y.
Filed May 29, 1926. Serial No. 230,386. PUBLISHED NOVEMBER 23, 1926.

226,196. WATCHES AND PARTS OF WATCHES. LÉONIDAS WATCH FACTORY VVE. CONSTANT JEANNERET-DROZ, St.-Imier, Switzerland.
Filed May 22, 1926. Serial No. 232,086. PUBLISHED JANUARY 18, 1927.

226,197. CHOCOLATE COATING FOR ICE CREAM. O. JIMMY ICE CREAM CHOCOLATE DIP COMPANY, Boston, Mass.
Filed May 28, 1926. Serial No. 232,400. PUBLISHED JANUARY 25, 1927.

226,198. TALKING MACHINES, MORE PARTICULARLY POCKET TALKING MACHINES, AND SEPARATE PARTS OF SUCH MACHINES—NAMELY, CASING, MECHANICAL PARTS, SOUND BOX AND SOUND AMPLIFIER, SOUND REPRODUCER, WINDING KEY, AND RECORDS. VADASZ AND VADASZ, Paris, France.
Filed June 9, 1926. Serial No. 232,962. PUBLISHED JANUARY 18, 1927.

226,199. KNITTED SUITS FOR WOMEN AND CHILDREN; MORNING, AFTERNOON, AND EVENING DRESSES; JERSEY SPORT DRESSES, SWEATERS, AND SWEATER SUITS FOR WOMEN AND CHILDREN, COATS FOR WOMEN AND CHILDREN, HATS FOR WOMEN AND CHILDREN, SCARFS, AND WAISTS. KATINKA, INC., New Haven, Conn.
Filed October 21, 1926. Serial No. 238,980. PUBLISHED JANUARY 18, 1927.

226,200. MEN'S AND BOYS' SUITS AND OVERCOATS. HENRY SONNEBORN COMPANY, INC., Baltimore, Md.
Filed September 9, 1926. Serial No. 237,047. PUBLISHED JANUARY 18, 1927.

226,201. ELECTRIC VACUUM CLEANERS AND PARTS THEREOF. ELECTRIC VACUUM CLEANER COMPANY, INC., Cleveland, Ohio.
Filed September 16, 1926. Serial No. 237,316. PUBLISHED JANUARY 18, 1927.

226,202. GOLF BAGS. ALLIED GOLF COMPANY, Chicago, Ill.
Filed September 23, 1926. Serial No. 237,584. PUBLISHED JANUARY 25, 1927.

226,203. BULBS, SEEDS, AND PLANTS. WEST COAST BULB CO. INC., San Francisco, Calif.
Filed September 25, 1926. Serial No. 237,769. PUBLISHED JANUARY 18, 1927.

226,204. WHEAT FLOUR. HYLTON FLOUR MILLS, INC., Ogden, Utah.
Filed September 27, 1926. Serial No. 237,812. PUBLISHED JANUARY 25, 1927.

226,205. CANDY AND CANDY BARS. THE CURTISS CANDY COMPANY, Chicago, Ill.
Filed October 2, 1926. Serial No. 238,051. PUBLISHED JANUARY 18, 1927.

226,206. CEMENT. CALAVERAS CEMENT COMPANY, San Francisco, Calif.
Filed October 6, 1926. Serial No. 238,208. PUBLISHED JANUARY 11, 1927.

226,207. AUTOMOBILES. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed October 6, 1926. Serial No. 238,212. PUBLISHED JANUARY 25, 1927.

226,208. METAL PRODUCTS—NAMELY, CASTINGS AND FORGINGS. GEORGE H. SMITH STEEL CASTING COMPANY, Milwaukee, Wis.
Filed October 6, 1926. Serial No. 238,286. PUBLISHED JANUARY 11, 1927.

226,209. HOSIERY. BAKER-MOISE COMPANY, Dallas, Tex.
Filed October 8, 1926. Serial No 238,300. PUBLISHED JANUARY 18, 1927.

226,210. STEEL. STANDARD GAGE COMPANY, INC., Poughkeepsie, N. Y.
Filed October 9, 1926. Serial No. 238,407. PUBLISHED JANUARY 11, 1927.

226,211. SELF-PLAYING PIANOS AND PIANO PLAYERS. THE AUTOPIANO COMPANY, New York, N. Y.
Filed October 12, 1926. Serial No. 238,479. PUBLISHED JANUARY 18, 1927.

226,212. TOYS—NAMELY, WAGONS AND SCOOTERS. ROLLIE B. FAGEOL, Los Angeles, Calif.
Filed October 15, 1926. Serial No. 238,645. PUBLISHED JANUARY 25, 1927.

226,213. POLISH FOR CLEANING AND RECONDITIONING METAL, LINOLEUM, PORCELAIN, PAINT, VARNISH, OR LACQUERED SURFACES. GREAT RESULTS COMPANY, San Francisco, Calif.
Filed October 15, 1926. Serial No. 238,653. PUBLISHED JANUARY 25, 1927.

226,214. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. TULARE COUNTY LEMON & GRAPEFRUIT ASSOCIATION, Porterville, Calif.
Filed October 15, 1926. Serial No. 238,681. PUBLISHED JANUARY 18, 1927.

226,215. FRESH CITROUS FRUITS—NAMELY, GRAPEFRUIT, LEMONS, AND ORANGES. TULARE COUNTY LEMON & GRAPEFRUIT ASSOCIATION, Porterville, Calif.
Filed October 15, 1926. Serial No. 238,682. PUBLISHED JANUARY 18, 1927.

226,216. HOSIERY. MARATHON SHOE CO., Wausau, Wis.
Filed October 16, 1926. Serial No. 238,728. PUBLISHED JANUARY 18, 1927.

226,217. WIRE CONNECTERS. WEISS & BIBELLER, INC., New York, N. Y.
Filed October 20, 1926. Serial No. 238,931. PUBLISHED JANUARY 18, 1927.

226,218. CAKES. S. GUMPERT CO., INC., Brooklyn, N. Y.
Filed October 21, 1926. Serial No. 238,965. PUBLISHED JANUARY 25, 1927.

226,219. AEROPLANES. EDO AIRCRAFT CORPORATION, College Point, N. Y.
Filed October 21, 1926. Serial No. 238,957. PUBLISHED JANUARY 25, 1927.

226,220. GOWNS, FROCKS, AND DRESSES. HALF SIZE DRESS CO., New York, N. Y.
Filed October 21, 1926. Serial No. 238,969. PUBLISHED JANUARY 18, 1927.

226,221. GOWNS, FROCKS, AND DRESSES. HALF SIZE DRESS CO., New York, N. Y.
Filed October 21, 1926. Serial No. 238,970. PUBLISHED JANUARY 18, 1927.

226,222. TOILET ARTICLES. LES PARFUMS DE ROSINE, INC., New York, N. Y.
Filed November 12, 1926. Serial No. 230,989. PUBLISHED JANUARY 18, 1927.

226,223. TOILET ARTICLES. LES PARFUMS DE ROSINE, INC., New York, N. Y.
Filed November 12, 1926. Serial No. 239,990. PUBLISHED JANUARY 18, 1927.

226,224. TOILET ARTICLES. LES PARFUMS DE ROSINE, INC., New York, N. Y.
Filed November 12, 1926. Serial No. 239,991. PUBLISHED JANUARY 18, 1927.

226,225. CONDENSERS, BREAKER-PLATE ASSEMBLIES, COILS, SWITCHES, TERMINALS, TERMINAL CONNECTERS, RHEOSTATS, TUBE SOCKETS, AND MEAT TENDERERS PROVIDED WITH BUILT-IN ELECTRICAL DRIVING MECHANISM. THE CONNECTICUT TELEPHONE & ELECTRIC COMPANY, INCORPORATED, Meriden, Conn.
Filed November 13, 1926. Serial No. 240,019. PUBLISHED JANUARY 18, 1927.

226,226. WHEAT FLOUR. THE LARABEE FLOUR MILLS COMPANY, doing business as The Monarch Milling Company, Kansas City, Mo.
Filed November 13, 1926. Serial No. 240,030. PUBLISHED JANUARY 25, 1927.

226,227. ASPHALT-COATED COMPOSITION OR PAPER SHINGLES FOR ROOFING, AND ROOFING PAPER. WEAVER-HENRY MFG. CO., Los Angeles, Calif.
Filed November 15, 1926. Serial No. 240,114. PUBLISHED JANUARY 18, 1927.

226,228. DOLLS. HARRY J. WOLF, doing business as Wolf Doll Company, New York, N. Y.
Filed November 15, 1926. Serial No. 240,118. PUBLISHED JANUARY 25, 1927.

226,229. TOY TARGET GUN. BAMFORTH & GROOT, South Manchester, Conn.
Filed November 16, 1926. Serial No. 240,125. PUBLISHED JANUARY 25, 1927.

226,230. WHEAT FLOUR. CANNON VALLEY MILLING COMPANY, Minneapolis, Minn.
Filed November 16, 1926. Serial No. 240,128. PUBLISHED JANUARY 25, 1927.

226,231. ASPHALT-COATED COMPOSITION OR PAPER SHINGLES FOR ROOFING, AND ROOFING PAPER. WEAVER-HENRY MFG. CO., Los Angeles, Calif.
Filed November 17, 1926. Serial No. 240,232. PUBLISHED JANUARY 18, 1927.

226,232. PRESERVATIVES FOR TECHNICAL PRODUCTS OF ORGANIC ORIGIN AND FOR FOODSTUFFS. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, and Uerdingen, Germany.
Filed November 18, 1926. Serial No. 240,244. PUBLISHED JANUARY 18, 1927.

226,233. FANCY JEWELRY CONSISTING OF NECKLACES, PENDANTS, BRACELETS, PINS, FINGER RINGS, STRINGS AND NECKLACES OF PEARLS, AND EARRINGS. FRANKLIN SIMON & CO. INC., New York, N. Y.
Filed November 18, 1926. Serial No. 240,246. PUBLISHED JANUARY 18, 1927.

226,234. TITLE OF A HOUSE ORGAN PUBLISHED MONTHLY. ILLINOIS GLASS COMPANY, Alton, Ill.
Filed November 18, 1926. Serial No. 240,250. PUBLISHED JANUARY 25, 1927.

226,235. BREAD. THE PLEE-ZING CORPORATION, New York, N. Y., and Savannah, Ga., assignor to The Plee-Zing Corporation, Richmond, Va., a Corporation of Virginia.
Filed November 18, 1926. Serial No. 240,276. PUBLISHED JANUARY 18, 1927.

226,236. VENDING MACHINES. A. B. T. MFG. CO., Chicago, Ill.
Filed November 19, 1926. Serial No. 240,284. PUBLISHED JANUARY 25, 1927.

226,237. SANDWICHES. FRED L. ANGELL, doing business as Maid Rite Hamburg Company, Muscatine, Iowa.
Filed November 19, 1926. Serial No. 240,287. PUBLISHED JANUARY 18, 1927.

226,238. WALL AND WALL-PAPER CLEANING LIQUID. M. & K. MANUFACTURING CO., New York, N. Y.
Filed November 19, 1926. Serial No. 240,310. PUBLISHED JANUARY 25, 1927.

226,239. ROLLED OATS. PURITY OATS COMPANY, Keokuk, Iowa.
Filed November 19, 1926. Serial No. 240,319. PUBLISHED JANUARY 25, 1927.

226,240. DIE-CASTING METAL AND DIE CASTINGS. DOEHLER DIE-CASTING CO., Brooklyn, N. Y.
Filed November 20, 1926. Serial No. 240,347. PUBLISHED JANUARY 11, 1927.

226,241. FLOUR MADE FROM WHEAT, BUCKWHEAT, BARLEY, CORN, RYE, OR OATS. JAMESON-HEVNER COMPANY, St. Paul, Minn.
Filed November 22, 1926. Serial No. 240,417. PUBLISHED JANUARY 25, 1927.

226,242. SPARK PLUGS. SPEED SPARK PLUG COMPANY, Houston, Tex.
Filed November 22, 1926. Serial No. 240,451. PUBLISHED JANUARY 18, 1927.

226,243. MEN'S, BOYS', AND CHILDREN'S OVERCOATS, SUITS, AND TOPCOATS. WILLIAM BLUMENTHAL, Philadelphia, Pa.
Filed November 23, 1926. Serial No. 240,481. PUBLISHED JANUARY 18, 1927.

226,244. PIANOS. THE CABLE-NELSON PIANO COMPANY, South Haven, Mich.
Filed November 24, 1926. Serial No. 240,530. PUBLISHED JANUARY 18, 1927.

226,245. PERFUMES AND TOILET WATER. MYRURGIA, S. A., Barcelona, Spain.
Filed November 24, 1926. Serial No. 240,565. PUBLISHED JANUARY 18, 1927.

226,246. SUITS, TROUSERS, COATS, AND VESTS FOR MEN AND BOYS. HERMAN SHAKIN, doing business as Artsyl Clothing Company, New York, N. Y.
Filed November 24, 1926. Serial No. 240,571. PUBLISHED JANUARY 18, 1927.

226,247. BATTERY ELIMINATORS. BRIGGS & STRATTON CORPORATION, Milwaukee, Wis.
Filed November 26, 1926. Serial No. 240,593. PUBLISHED JANUARY 18, 1927.

226,248. VIOLINS, VIOLAS, VIOLONCELLOS, DOUBLE BASSES, AND BOWS, STRINGS, TRIMMINGS, CHIN RESTS, PEGS, AND TAILS FOR THE AFORESAID INSTRUMENTS. C. MEISEL, INC., New York, N. Y.
Filed November 26, 1926. Serial No. 240,615. PUBLISHED JANUARY 18, 1927.

226,249. ELECTRICAL SHOE-SHINING MACHINES. UNEEDA SHINE CORPORATION, Brooklyn, N. Y.
Filed November 26, 1926. Serial No. 240,631. PUBLISHED JANUARY 18, 1927.

226,250. HOSIERY. ROTH'S HOSIERY SHOP, Pittsburgh, Pa.
Filed November 20, 1926. Serial No. 240,736. PUBLISHED JANUARY 18, 1927.

226,251. ABRASIVE PAPERS AND CLOTHS. HERMAN BEHR & COMPANY, INCORPORATED, Brooklyn, N. Y.
Filed December 1, 1926. Serial No. 240,800. PUBLISHED JANUARY 25, 1927.

226,252. LUBRICATING OIL. THE TEXAS COMPANY, Houston, Tex., and New York, N. Y.
Filed November 15, 1926. Serial No. 240,105. PUBLISHED JANUARY 18, 1927.

226,253. TRANSMISSION LINING. L. H. GILMER CO., Tacony, Philadelphia, Pa.
Filed June 11, 1926. Serial No. 233,067. PUBLISHED JANUARY 18, 1927.

226,254. BUILDING MATERIALS—NAMELY, PLASTERING AND FINISHING CEMENT. UNITED STATES GYPSUM COMPANY, Chicago, Ill.
Filed June 14, 1926. Serial No. 233,240. PUBLISHED JANUARY 25, 1927.

226,255. INTERIOR PLASTER, NAMED "STUCCO" FOR BUILDINGS OR OTHER STRUCTURES. J. S. SCHIRM COMMERCIAL COMPANY, San Diego, Calif.
Filed June 19, 1926. Serial No. 233,504. PUBLISHED JANUARY 25, 1927.

226,256. REMEDY FOR CORNS, CALLI, AND BUNIONS. CORN FIX CO., INC., Newark, N. J.
Filed July 3, 1926. Serial No. 234,103. PUBLISHED JANUARY 25, 1927.

226,257. OLIVE OIL. FERRERO BROS., Oakland, Calif.
Filed July 7, 1926. Serial No. 234,264. PUBLISHED JANUARY 25, 1927.

226,258. APPLE-CIDER VINEGAR, SWEET-PEPPER RELISH, MARSHMALLOW CRÈME; DIXIE RELISH—NAMELY, A MUSTARD-SAUCE RELISH WITH GROUND ONIONS AND SPICES; DRIED PRUNES, DRIED RAISINS, PANCAKE FLOUR, SALAD DRESSING, FRENCH DRESSING, ROLLED OATS, CANNED SWEET PICKLED PEACHES, CANNED PIMENTOS, CELERY SEED, BUTTER, AND SWEETMEATS OF WHEATS—NAMELY, A WHEAT BREAKFAST CEREAL. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio.
Filed July 15, 1926. Serial No. 234,583. PUBLISHED JANUARY 25, 1927.

226,259. ICE CREAM. WESLEY J. HUNT, New Rochelle, N. Y.
Filed July 24, 1926. Serial No. 235,048. PUBLISHED JANUARY 25, 1927.

226,260. MOTOR FUEL OILS. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Ludwigshafen-on-the-Rhine, Germany.
Filed August 18, 1926. Serial No. 236,124. PUBLISHED JANUARY 18, 1927.

226,261. MEN'S SUITS AND OVERCOATS. SELBER BROS., INC., Shreveport, La.
Filed August 10, 1926. Serial No. 236,181. PUBLISHED JANUARY 25, 1927.

226,262. TABLE AND OTHER HOUSEHOLD KNIVES, FORKS, SPOONS, SCOOPS, SERVERS, TONGS, AND NUTCRACKERS, ALL OF WHICH ARE SILVER PLATED. GLADWIN LTD., Sheffield, England.
Filed August 26, 1926. Serial No. 236,480. PUBLISHED JANUARY 18, 1927.

226,263. POWDERED PREPARATION FOR GENERAL HOUSEHOLD CLEANING PURPOSES. STANDARD PRODUCTS INCORPORATION, Newark, N. J.
Filed August 26, 1926. Serial No. 236,510. PUBLISHED JANUARY 25, 1927.

226,264. LIQUID ASBESTOS ROOF CEMENT. LOUIS D. STERN, doing business as Monroe Manufacturing Company, Cleveland, Ohio.
Filed August 27, 1926. Serial No. 236,570. PUBLISHED JANUARY 25, 1927.

226,265. METAL COUPLINGS, METAL PIPES, METAL TUBES, AND METAL CASINGS. NATIONAL TUBE COMPANY, Pittsburgh, Pa.
Filed September 1, 1926. Serial No. 236,768. PUBLISHED JANUARY 25, 1927.

226,266. REFRACTORY BRICKS AND FURNACE LININGS. UNITED STATES METALS REFINING COMPANY, Carteret, N. J.
Filed September 13, 1926. Serial No. 237,206. PUBLISHED JANUARY 25, 1927.

226,267. OVERALLS. THE COLORADO OVERALL MANUFACTURING COMPANY, Denver, Colo.
Filed September 17, 1926. Serial No. 237,358. PUBLISHED JANUARY 25, 1927.

226,268. PREPARED MUSTARD; VINEGAR—NAMELY, CIDER, WHITE DISTILLED, COLORED DISTILLED, AND APPLE VINEGAR; PICKLES—NAMELY, SWEET, DILL, AND SOUR; SALAD DRESSING; OLIVES—NAMELY, GREEN, RIPE, AND STUFFED; FRENCH DRESSING, AND SPICES. PLOCHMAN & HARRISON, Chicago, Ill.
Filed September 20, 1926. Serial No. 237,473. PUBLISHED JANUARY 25, 1927.

226,269. GLOVES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS OF THE SAME. KING GLOVE COMPANY, Los Angeles, Calif.
Filed September 22, 1926. Serial No. 237,554. PUBLISHED JANUARY 25, 1927.

226,270. AUTOMOBILE AND TRUCK BODIES. GENERAL ALUMINUM PRODUCTS CO., Los Angeles, Calif.
Filed September 24, 1926. Serial No. 237,660. PUBLISHED JANUARY 25, 1927.

226,271. MEN'S AND BOYS' NAINSOOK ATHLETIC UNDERWEAR OF TEXTILE FABRIC. A. J. ARMSTRONG CO. INC., New York, N. Y.
Filed September 25, 1926. Serial No. 237,717. PUBLISHED JANUARY 25, 1927.

226,272. LADIES' HATS. HATTY'S HAT COMPANY, New York, N. Y.
Filed September 27, 1926. Serial No. 237,806. PUBLISHED JANUARY 25, 1927.

226,273. MATERIAL FOR TREATING AND COLORING CEMENT SURFACES BY CHEMICAL REACTION. THE MASTER BUILDERS COMPANY, Cleveland, Ohio.
Filed October 11, 1926. Serial No. 238,446. PUBLISHED JANUARY 11, 1927.

226,274. LACQUER, VARNISH, ENAMELS, AND PAINTS, DRY, PASTE, OR READY MIXED. WILLIAMS-HAYWARD COMPANY, Chicago, Ill.
Filed October 11, 1926. Serial No. 238,473. PUBLISHED JANUARY 25, 1927.

226,275. RUBBER FABRIC IN THE PIECE. ARCHER RUBBER COMPANY, Milford, Mass.
Filed October 20, 1926. Serial No. 238,889. PUBLISHED JANUARY 11, 1927.

226,276. WATER EMULSIONS OF BITUMINOUS MATERIALS SUCH AS ASPHALT OF THE TYPE USED IN MAKING ROADS OR FLOORS OR USED FOR COATING METAL, CONCRETE, OR OTHER MATERIALS OR USED FOR OTHER ANALOGOUS PURPOSES. J. B. W. GARDINER, INCORPORATED, New York, N. Y.
Filed October 20, 1926. Serial No. 238,903. PUBLISHED JANUARY 11, 1927.

226,277. FORMULA MADE UP INTO STOMACH TABLETS. FREDERICK H. PFUNDER, Minneapolis, Minn.
Filed October 22, 1926. Serial No. 239,045. PUBLISHED JANUARY 25, 1927.

226,278. SOLE LEATHER AND HARNESS LEATHER. THE HAFFNER BROTHERS COMPANY, Cincinnati, Ohio.
Filed October 25, 1926. Serial No. 239,173. PUBLISHED JANUARY 11, 1927.

226,279. BATTERY PLATES AND IGNITION STORAGE BATTERIES. ARCO BATTERY & PLATE CO., doing business as Armstrong Battery Co., Fort Wayne, Ind. and Chicago, Ill.
Filed December 2, 1926. Serial No. 240,840. PUBLISHED JANUARY 18, 1927.

226,280. BATTLES, TOY PIN WHEELS, DOLLS, DOLL HATS, FLOATING TOYS IN THE FORM OF FISH, BIRDS, AND ANIMALS, AND INFANTS' DOLL SETS. IRWIN & COMPANY, INC., New York, N. Y.
Filed December 3, 1926. Serial No. 240,913. PUBLISHED JANUARY 25, 1927.

226,281. ALLOY STEEL. LUDLUM STEEL COMPANY, Watervliet, N. Y.
Filed December 3, 1926. Serial No. 240,920. PUBLISHED JANUARY 11, 1927.

226,282. WRITING PENS OF ALL KINDS. THE SPENCERIAN PEN COMPANY, New York, N. Y.
Filed December 9, 1926. Serial No. 241,246. PUBLISHED JANUARY 25, 1927.

226,283. COVER STOCK. MICHAEL MILTON, doing business as Milton Paper Company, New York, N. Y.
Filed December 10, 1926. Serial No. 241,290. PUBLISHED JANUARY 25, 1927.

226,284. DRAWING PAPER. KEUFFEL & ESSER COMPANY, Hoboken, N. J.
Filed December 11, 1926. Serial No. 241,340. PUBLISHED JANUARY 25, 1927.

226,285. TRACING PAPER. KEUFFEL & ESSER COMPANY, Hoboken, N. J.
Filed December 11, 1926. Serial No. 241,341. PUBLISHED JANUARY 25, 1927.

226,286. METAL POLISH FOR POLISHING AND CLEANING ALUMINUM, GRANITE WARE, ENAMEL WARE, SILVER, BRASS, BATHTUBS, AND SINKS. CORA MCALLISTER, doing business as Aroç Manufacturing Company, San Antonio, Tex.
Filed December 11, 1926. Serial No. 241,345. PUBLISHED JANUARY 25, 1927.

226,287. VEHICLE TIRES MADE WHOLLY OR IN PART OF RUBBER AND RUBBER INNER TUBES THEREFOR. THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis.
Filed December 13, 1926. Serial No. 241,405. PUBLISHED JANUARY 25, 1927.

226,288. CLEANSER FOR DENTURES. NYKO LABORATORIES, Chicago, Ill.
Filed December 13, 1926. Serial No. 241,430. PUBLISHED JANUARY 25, 1927.

226,289. METAL AND GLASS POLISH. DORA GOLDBERG, doing business as Sparkle Chemical Company, Brooklyn, N. Y.
Filed December 14, 1926. Serial No. 241,479. PUBLISHED JANUARY 25, 1927.

226,290. CRAYONS. THE AMERICAN CRAYON COMPANY, Sandusky, Ohio.
Filed December 15, 1926. Serial No. 241,511. PUBLISHED JANUARY 25, 1927.

226,291. MALT-EXTRACT POWDER FOR USE IN THE MAKING OF ICE CREAM, CANDY, COCOA, AND OTHER FOOD PRODUCTS. JERSEY PRODUCTS CO., INC., Lima, Ohio.
Filed December 8, 1926. Serial No. 241,163. PUBLISHED JANUARY 25, 1927.

226,292. PREPARED MUSTARD. THE MUSTAMOR COMPANY, Cleveland Heights, Ohio.
Filed December 8, 1926. Serial No. 241,174. PUBLISHED JANUARY 25, 1927.

226,293. MALT EXTRACTS AND MALT SIRUPS FOR FOOD PURPOSES. OH-BOY PRODUCTS CO., Chicago, Ill.
Filed December 10, 1926. Serial No. 241,294. PUBLISHED JANUARY 25, 1927.

226,294. FRESH DECIDUOUS FRUITS. L. GIORGETTI & Co., Minkler, Calif.
Filed December 13, 1926. Serial No. 241,410. PUBLISHED JANUARY 25, 1927.

226,295. MALT SIRUP FOR FOOD PURPOSES. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn.
Filed November 17, 1926. Serial No. 240,203. PUBLISHED JANUARY 25, 1927.

226,296. MALT SIRUP FOR FOOD PURPOSES. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn.
Filed November 17, 1926. Serial No. 240,204. PUBLISHED JANUARY 25, 1927.

226,297. MALT SIRUP FOR FOOD PURPOSES. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn.
Filed November 17, 1926. Serial No. 240,205. PUBLISHED JANUARY 25, 1927.

226,298. FANCY JEWELRY CONSISTING OF NECKLACES, PENDANTS, BRACELETS, PINS, FINGER RINGS, STRINGS AND NECKLACES OF PEARLS, AND EARRINGS. FRANKLIN SIMON & CO., INC., New York, N. Y.
Filed November 18, 1926. Serial No. 240,247. PUBLISHED JANUARY 18, 1927.

226,299. CHILDREN'S LEATHER SHOES. HALE BROS., INC., San Francisco, Calif.
Filed November 18, 1926. Serial No. 240,257. PUBLISHED JANUARY 25, 1927.

226,300. JACKETS FOR MEN, WOMEN, BOYS, AND GIRLS. BARNETT KALL, Brooklyn, N. Y.
Filed November 18, 1926. Serial No. 240,262. PUBLISHED JANUARY 25, 1927.

226,301. BRAKES FOR CYCLES, CYCLE HUBS, AND COASTER BRAKES. THE NEW DEPARTURE MANUFACTURING COMPANY, Bristol, Conn.
Filed November 18, 1926. Serial No. 240,274. PUBLISHED JANUARY 25, 1927.

226,302. GAS-CUT-OFF VALVES WHICH ARE CLOSED AUTOMATICALLY BY A RISE IN TEMPERATURE AND MANUALLY FROM A DISTANCE. JOHN F. HEALY, doing business as Empire Valve Company, New York, N. Y.
Filed November 19, 1926. Serial No. 240,304. PUBLISHED JANUARY 25, 1927.

226,303. GAS-CUT-OFF VALVES WHICH ARE CLOSED AUTOMATICALLY BY A RISE IN TEMPERATURE AND MANUALLY FROM A DISTANCE. JOHN F. HEALY, New York, N. Y.
Filed November 19, 1926. Serial No. 240,305. PUBLISHED JANUARY 25, 1927.

226,304. PYJAMAS, NEGLIGEE SHIRTS, UNDERSHIRTS OF KNITTED FABRIC AND TEXTILE FABRIC, COLLARS, NECKTIES, SCARFS, MUFFLERS, FABRIC GLOVES, CUT-OUT LININGS FOR MEN'S AND WOMEN'S COATS AND SUITS; MEN'S UNDERWEAR OF KNITTED FABRIC AND TEXTILE FABRIC; WOMEN'S AND CHILDREN'S HOSIERY. THE AMERICAN CELLULOSE & CHEMICAL MANUFACTURING COMPANY, LTD., New York, N. Y.
Filed November 22, 1926. Serial No. 240,382. PUBLISHED JANUARY 18, 1927.

226,305. SAWDUST AND SHAVINGS. NATIONAL SAWDUST CO., INC., Brooklyn, N. Y.
Filed November 22, 1926. Serial No. 240,431. PUBLISHED JANUARY 25, 1927.

226,306. WEARING APPAREL FOR WOMEN AND MISSES—NAMELY, SHOES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF; GLOVES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF; CORSETS, GIRDLES, BRASSIÈRES, AND UNDERWEAR OF TEXTILE MATERIAL. STIX, BAER AND FULLER COMPANY, St. Louis, Mo.
Filed November 22, 1926. Serial No. 240,452. PUBLISHED JANUARY 25, 1927.

226,307. BATHING CAPS. THE SEAMLESS RUBBER COMPANY, INC., New Haven, Conn.
Filed November 23, 1926. Serial No. 240,507. PUBLISHED JANUARY 25, 1927.

226,308. A FOOD BEVERAGE CONSISTING OF MILK, WATER, SUGAR, YEAST, AND VANILLA. BENNO C. BURGER, Cleveland, Ohio.
Filed November 24, 1926. Serial No. 240,526. PUBLISHED JANUARY 25, 1927.

226,309. WASHING MACHINES. THE MEADOWS MANUFACTURING CO., Bloomington, Ill.
Filed November 26, 1926. Serial No. 240,614. PUBLISHED JANUARY 25, 1927.

226,310. MODELING COMPOUND. JOHANNA DUMOUCHEL, doing business as Dumouchel's Art-Stone Co., Kalamazoo, Mich.
Filed December 1, 1926. Serial No. 240,811. PUBLISHED JANUARY 25, 1927.

226,311. SKINS. P. CENTEMERI & Co., New York, N. Y.
Filed December 2, 1926. Serial No. 240,847. PUBLISHED JANUARY 25, 1927.

226,312. CANNED FISH CAKES. S. HATA SHOTEN, LIMITED, Honolulu, Hawaii.
Filed December 3, 1926. Serial No. 240,910. PUBLISHED JANUARY 25, 1927.

226,313. POWDER PREPARATION FOR USE IN MAKING DESSERTS, PUDDINGS, FILLINGS, FUDGE, AND SIMILAR PREPARATIONS. MY OWN FOOD CO. INC., New York, N. Y.
Filed December 3, 1926. Serial No. 240,921. PUBLISHED JANUARY 25, 1927.

226,314. BRICK. EMMETT V. POSTON, Springfield, Ill.
Filed December 4, 1926. Serial No. 240,997. PUBLISHED JANUARY 25, 1927.

226,315. BRICK. EMMETT V. POSTON, Springfield, Ill.
Filed December 4, 1926. Serial No. 240,999. PUBLISHED JANUARY 25, 1927.

226,316. BACON. F. A. FERRIS & Co., INC., New York, N. Y.
Filed December 7, 1926. Serial No. 241,095. PUBLISHED JANUARY 25, 1927.

226,317. SUPPORT FOR GARMENT SHOULDER STRAPS WHICH ARE MADE OF OR PLATED WITH PRECIOUS METALS. PYRAMID BUTTON CO., Providence, R. I.
Filed October 1, 1926. Serial No. 238,024. PUBLISHED JANUARY 18, 1927.

226,318. WOVEN UNDERWEAR FOR MEN, WOMEN, AND CHILDREN. J. G. SCHERF MANUFACTURING CO., INC., Albany, Ga.
Filed October 9, 1926. Serial No. 238,393. PUBLISHED JANUARY 11, 1927.

226,319. SUGAR FOR TABLE AND PRESERVING PURPOSES. UTAH-IDAHO SUGAR COMPANY, Salt Lake City, Utah.
Filed October 9, 1926. Serial No. 238,411. PUBLISHED JANUARY 25, 1927.

226,320. MALT SIRUP FOR BEVERAGE PURPOSES. FRANK HARRY CALDWELL, doing business as Kay See Products Company, Kansas City, Mo.
Filed October 11, 1926. Serial No. 238,429. PUBLISHED JANUARY 25, 1927.

226,321. FERTILIZERS. MOLONY & CARTER COMPANY, Charleston, S. C.
Filed October 14, 1926. Serial No. 238,605. PUBLISHED JANUARY 25, 1927.

226,322. PRINTING PAPER. S. D. WARREN COMPANY, Boston, Mass.
Filed October 18, 1926. Serial No. 238,820. PUBLISHED JANUARY 25, 1927.

226,323. SOAP CREAMS FOR USE BEFORE SHAVING AND TOILET SOAPS. FRENCH BEAUTY PRODUCTS CO., INC., New York, N. Y.
Filed October 19, 1926. Serial No. 238,851. PUBLISHED JANUARY 25, 1927.

226,324. WOMEN'S, MISSES', AND CHILDREN'S BLOOMERS, DRAWERS OF KNITTED OR TEXTILE FABRIC, SLIPS, STEP-INS, VESTS, CHEMISE, LOUNGE AND BATH ROBES, DRESSES, PYJAMAS, NIGHTGOWNS, AND NEGLIGEES. N. FLUEGELMAN & Co., INC., New York, N. Y.
Filed October 21, 1926. Serial No. 238,959. PUBLISHED JANUARY 4, 1927.

226,325. BRASS NICKEL-PLATED PINS. DAN SCANLON, San Francisco, Calif.
Filed October 23, 1926. Serial No. 239,145. PUBLISHED JANUARY 25, 1927.

226,326. MEN'S, WOMEN'S, AND CHILDREN'S SHOES MADE WHOLLY OR PARTLY OF LEATHER. BATES-DOW COMPANY, INC., Brooklyn, N. Y.
Filed October 30, 1926. Serial No. 239,458. PUBLISHED JANUARY 25, 1927.

226,327. CHILDREN'S HOSIERY. GUSTAVE P. VICTORSON, New York, N. Y.
Filed November 1, 1926. Serial No. 239,552. PUBLISHED JANUARY 25, 1927.

226,328. SHOES OF LEATHER. BARKER SHOE COMPANY, Auburn, Me.
Filed November 3, 1926. Serial No. 239,609. PUBLISHED JANUARY 25, 1927.

226,329. MEN'S AND CHILDREN'S CAPS. SAMUEL H. BERMAN, doing business as Style-Crest Cap Company, Louisville, Ky.
Filed November 4, 1926. Serial No. 239,636. PUBLISHED JANUARY 25, 1927.

226,330. STOVES USING SOLID, LIQUID, OR GASEOUS FUEL. CHARTER OAK STOVE & RANGE COMPANY, St. Louis, Mo.
Filed November 5, 1926. Serial No. 239,699. PUBLISHED JANUARY 25, 1927.

226,331. ASPHALTIC CONCRETE MIXTURE. WM. P. MCDONALD CONSTRUCTION COMPANY, New York and Flushing, N. Y.
Filed November 5, 1926. Serial No. 239,711. PUBLISHED JANUARY 25, 1927.

226,332. COAL. THE BELL COAL COMPANY, Columbus, Ohio.
Filed November 8, 1926. Serial No. 239,789. PUBLISHED JANUARY 25, 1927.

226,333. OLIVE OIL. SCHENECTADY IMPORTING COMPANY, Schenectady, N. Y.
Filed November 13, 1926. Serial No. 240,040. PUBLISHED JANUARY 25, 1927.

226,334. LADIES' HATS. GOLDMAN-O'BRIEN-NASSAUER MFG. CO., St. Louis, Mo.
Filed November 15, 1926. Serial No. 240,075. PUBLISHED JANUARY 25, 1927.

226,335. LADIES' HATS. ROSENTHAL-SLOAN MILLINERY COMPANY, St. Louis, Mo.
Filed November 15, 1926. Serial No. 240,098. PUBLISHED JANUARY 25, 1927.

226,336. LEATHER GLOVES. LEON FERNAND GUIGNIE, doing business as L. F. Guignie, Grenoble, France.
Filed January 20, 1926. Serial No. 226,139. PUBLISHED JANUARY 25, 1927.

226,337. CORSETS, CORSETLETS, GIRDLES, BRASSIÈRES, BANDEAUX, BUST SUPPORTERS, AND BELTS. THE STANDARD CORSET COMPANY, New York, N. Y.
Filed November 11, 1925. Serial No. 223,144. PUBLISHED JANUARY 25, 1927.

226,338. SAND. A. H. SULLIVAN, St. Louis, Mo.
Filed November 2, 1925. Serial No. 222,717. PUBLISHED JANUARY 11, 1927.

226,339. UPPER LEATHERS. THE STANDARD KID CO., Boston, Mass.
Filed October 2, 1925. Serial No. 221,141. PUBLISHED JANUARY 11, 1927.

226,340. CANNED VEGETABLES. THE SAC CITY CANNING COMPANY, Sac City, Iowa.
Filed July 23, 1926. Serial No. 234,989. PUBLISHED JANUARY 25, 1927.

226,341. CANNED VEGETABLES. THE SAC CITY CANNING COMPANY, Sac City, Iowa.
Filed July 23, 1926. Serial No. 234,987. PUBLISHED JANUARY 25, 1927.

226,342. CANNED SALMON. GUS. STRAND, doing business as Strand Fisheries and as Strand-Pioneer Fisheries, Aberdeen, Wash.
Filed May 18, 1926. Serial No. 231,824. PUBLISHED JANUARY 18, 1927.

226,343. SPECIAL KIND OF CHICKEN SANDWICH OR CHICKEN-SANDWICH DINNER. M. L. GRAHAM, Salt Lake City, Utah.
Filed June 7, 1926. Serial No. 232,827. PUBLISHED JANUARY 25, 1927.

226,344. SURGICAL KNIVES AND PARTS THEREOF. GILLETTE SAFETY RAZOR COMPANY, Boston, Mass.
Filed February 8, 1926. Serial No. 227,010. PUBLISHED JANUARY 25, 1927.

226,345. MEN'S AND BOYS' SUITS, TOPCOATS, RAINCOATS, SPORT COATS, SWEATERS, KNICKERS; DRESS, NEGLIGEE, AND WORK SHIRTS; KNITTED AND TEXTILE UNDERWEAR, HATS, CAPS, MEN'S SHOES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF; CHILDREN'S SHOES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF; AND BOYS' WASH SUITS. MEYER GREENTREE, Richmond, Va.
Filed May 22, 1926. Serial No. 232,079. PUBLISHED JANUARY 18, 1927.

226,346. THERMOMETER CASES. SUPERIOR HARD RUBBER COMPANY, Butler, N. J.
Filed August 3, 1926. Serial No. 235,533. PUBLISHED JANUARY 25, 1927.

226,347. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. LINDSAY DISTRICT ORANGE COMPANY, Lindsay, Calif.
Filed July 26, 1926. Serial No. 235,156. PUBLISHED JANUARY 25, 1927.

226,348. MEN'S AND BOYS' COATS, WAISTCOATS, TROUSERS, KNICKERBOCKERS, SWEATERS, HATS, AND CAPS. KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.
Filed October 5, 1926. Serial No. 238,180. PUBLISHED JANUARY 11, 1927.

226,349. DOGS AND HORSES. A. L. FITZ PATRICK, Philadelphia, Pa.
Filed September 25, 1926. Serial No. 237,731. PUBLISHED JANUARY 11, 1927.

226,350. BROODER HOUSES, HOG HOUSES, AND COOPS. TOM GODWIN, doing business as G. F. Manufacturing Company, Exira, Iowa.
Filed September 7, 1926. Serial No. 236,927. PUBLISHED JANUARY 11, 1927.

226,351. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. SWEETWATER FRUIT COMPANY, Bonita, Calif.
Filed August 25, 1926. Serial No. 236,452. PUBLISHED JANUARY 25, 1927.

226,352. CANDIES AND CONFECTIONS, IN PARTICULAR GLACÉ PINEAPPLE. HONOLULU DAIRYMEN'S ASSOCIATION LTD., doing business as Mid-Pacific Candy Factory, Honolulu, Territory of Hawaii.
Filed August 25, 1926. Serial No. 236,419. PUBLISHED JANUARY 25, 1927.

226,353. FRESH ASPARAGUS. JAMES E. CREW, Mendota, Calif.
Filed December 13, 1926. Serial No. 241,397. PUBLISHED JANUARY 25, 1927.

226,354. LADIES' AND CHILDREN'S HATS. VAIL HAT CO. INC., New York, N. Y.
Filed December 4, 1926. Serial No. 241,011. PUBLISHED JANUARY 25, 1927.

226,355. LADIES', MEN'S, AND CHILDREN'S SUÈDE GLOVES. WALTER S. LAHEY, New York, N. Y.
Filed December 4, 1926. Serial No. 240,984. PUBLISHED JANUARY 25, 1927.

226,356. LADIES', MEN'S, AND CHILDREN'S DOESKIN GLOVES. WALTER S. LAHEY, New York, N. Y.
Filed December 3, 1926. Serial No. 240,918. PUBLISHED JANUARY 25, 1927.

226,357. CROWN CAPS FOR BOTTLES. CONSOLIDATED CORK CORPORATION, Brooklyn, N. Y.
Filed December 2, 1926. Serial No. 240,848. PUBLISHED JANUARY 25, 1927.

226,358. BUST CONFINER IN THE NATURE OF A BRASSIÈRE. CHAS. R. DE BEVOISE CO., Newark, N. J., and New York, N. Y.
Filed December 1, 1926. Serial No. 240,808. PUBLISHED JANUARY 25, 1927.

226,359. HOSIERY. THE J. B. ORKIN CORPORATION, New York, N. Y.
Filed November 27, 1926. Serial No. 240,678. PUBLISHED JANUARY 25, 1927.

226,360. SHOE TREES AND FILLERS. CORDO-HYDE COMPANY, Brockton, Mass.
Filed November 27, 1926. Serial No. 240,643. PUBLISHED JANUARY 25, 1927.

226,361. ONIONS IN THEIR NATURAL STATE. CHIRON BROS., Florida, N. Y.
Filed November 27, 1926. Serial No. 240,641. PUBLISHED JANUARY 25, 1927.

226,362. CANNED VEGETABLES. JOHN F. O'KEEFE, doing business as Lowe Ranch, Cupertino, Calif.
Filed November 26, 1926. Serial No. 240,621. PUBLISHED JANUARY 25, 1927.

226,363. BOOTS AND SHOES OF LEATHER OR FABRIC. HEYWOOD BOOT & SHOE CO., Worcester, Mass.
Filed November 26, 1926. Serial No. 240,605. PUBLISHED JANUARY 25, 1927.

226,364. BOOTS AND SHOES OF LEATHER OR FABRIC. HEYWOOD BOOT & SHOE CO., Worcester, Mass.
Filed November 26, 1926. Serial No. 240,604. PUBLISHED JANUARY 25, 1927.

226,365. REMEDY FOR COLDS, GRIPPE, CHILLS, FEVER, AND BILIOUSNESS. PHILIP J. BOENNING, Baltimore, Md.
Filed October 11, 1926. Serial No. 238,424. PUBLISHED JANUARY 25, 1927.

226,366. PERFUMED SOAP. R. F. WHITE AND COMPANY, LIMITED, London, England.
Filed October 8, 1926. Serial No. 238,352. PUBLISHED JANUARY 25, 1927.

226,367. CEMENT. CALAVERAS CEMENT COMPANY, San Francisco, Calif.
Filed October 6, 1926. Serial No. 238,207. PUBLISHED JANUARY 11, 1927.

226,368. FRESH DECIDUOUS FRUITS, FRESH CITROUS FRUITS, DRIED FRUITS, AND FRESH FIGS. A. GHIANDA, Thermalito, Calif.
Filed December 13, 1926. Serial No. 241,409. PUBLISHED JANUARY 25, 1927.

226,369. MEDICINAL PREPARATION USED IN THE TREATMENT OF COLDS, CHILLS, FEVER, AND INFLUENZA. OTTO MAUSERT, doing business as Nature's Herb Co., San Francisco, Calif.
Filed December 13, 1926. Serial No. 241,422. PUBLISHED JANUARY 25, 1927.

226,370. MEDICINAL PREPARATION USED FOR FUNCTIONAL OVARIAN DISORDERS THAT ARE NOT DUE TO ANATOMICAL ABNORMALITIES, INCLUDING NATURAL AND ARTIFICIAL MENOPAUSE. THE HARROWER LABORATORY INC., Wilmington, Del., and Glendale, Calif.
Filed December 14, 1926. Serial No. 241,481. PUBLISHED JANUARY 25, 1927.

226,371. CANDIES. MASON, AU & MAGENHEIMER CONFECTIONERY MANUFACTURING COMPANY, Brooklyn, N. Y.
Filed December 14, 1926. Serial No. 241,486. PUBLISHED JANUARY 25, 1927.

226,372. MEDICINAL PREPARATION FOR USE AS AN ANTISEPTIC AND ANTIGONORRHEIC. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y.
Filed December 14, 1926. Serial No. 241,505. PUBLISHED JANUARY 25, 1927.

226,373. MEDICINAL PREPARATION FOR USE AS AN ANTISYPHILITIC. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y.
Filed December 14, 1926. Serial No. 241,506. PUBLISHED JANUARY 25, 1927.

226,374. CHEESE. CHATEAU CHEESE COMPANY LIMITED, Ottawa, Ontario, Canada.
Filed September 4, 1926. Serial No. 236,868. PUBLISHED JANUARY 11, 1927.

226,375. BISCUITS AND CRACKERS. H. W. CLARK BISCUIT COMPANY, North Adams, Mass.
Filed September 4, 1926. Serial No. 236,869. PUBLISHED JANUARY 25, 1927.

226,376. HAIRDRESSING POMADE FOR TOILET USE. JOSEPH SUDREAZ, Mount Vernon, N. Y.
Filed August 18, 1926. Serial No. 236,148. PUBLISHED JANUARY 18, 1927.

226,377. FEED AND FEEDSTUFFS FOR HORSES, MULES, DAIRY CATTLE, POULTRY, AND SWINE. FERNCLIFF FEED & GRAIN CO., Louisville, Ky.
Filed July 10, 1926. Serial No. 234,388. PUBLISHED JANUARY 25, 1927.

226,378. SPAR VARNISH USED SOLELY AS AN ARCHITECTURAL VARNISH FOR OUTSIDE OR INSIDE WOODWORK. ATLANTIC DRIER & VARNISH COMPANY, Philadelphia, Pa.
Filed July 16, 1926. Serial No. 234,611. PUBLISHED AUGUST 17, 1926.

226,379. PLAIN AND SELF-RISING FLOUR. W. M. COBBY FLOUR & GRAIN CO., Birmingham, Ala.
Filed July 17, 1926. Serial No. 234,662. PUBLISHED JANUARY 25, 1927.

226,380. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. CHULA VISTA CITRUS ASSOCIATION, Chula Vista, Calif.
Filed July 26, 1926. Serial No. 235,118. PUBLISHED JANUARY 18, 1927.

226,381. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. LEMON GROVE FRUIT GROWERS ASSOCIATION, Lemon Grove, Calif.
Filed July 26, 1926. Serial No. 235,150. PUBLISHED JANUARY 18, 1927.

226,382. CONCRETE STRUCTURAL ELEMENTS AND MEMBERS MADE OF IMPREGNATED, AND SATURATED BY, HYDRAULIC CEMENT CONCRETE OR OTHER POROUS MATERIAL, WITH OR WITHOUT REENFORCING BARS, THE IMPREGNATING MATERIAL BEING BITUMINOUS COMPOUNDS, ASPHALTUM, OR OTHER LIKE MATERIALS HAVING THE PROPERTY OF PENETRATING HYDRAULIC CEMENT CONCRETE WHEN IN PROPER STATE OF FLUIDITY. PAN-PACIFIC CONSTRUCTION CO., Wilmington, Calif.
Filed August 2, 1926. Serial No. 235,493. PUBLISHED JANUARY 18, 1927.

226,383. CANNED FRUITS AND VEGETABLES. NORTH STATE CANNING COMPANY INC., North Wilkesboro, N. C.
Filed July 26, 1926. Serial No. 235,166. PUBLISHED JANUARY 25, 1927.

226,384. WORSTED AND WOOLEN DRESS GOODS MANUFACTURED IN THE PIECE. F. A. BOCHMANN & CO., INC., Philadelphia, Pa.
Filed October 26, 1926. Serial No. 239,225. PUBLISHED JANUARY 25, 1927.

226,385. WORSTED AND WOOLEN DRESS GOODS MANUFACTURED IN THE PIECE. F. A. BOCHMANN & CO., INC., Philadelphia, Pa.
Filed October 26, 1926. Serial No. 239,226. PUBLISHED JANUARY 25, 1927.

226,386. WORSTED AND WOOLEN DRESS GOODS MANUFACTURED IN THE PIECE. F. A. BOCHMANN & CO., INC., Philadelphia, Pa.
Filed October 26, 1926. Serial No. 239,227. PUBLISHED JANUARY 25, 1927.

226,387. SOAPS. SOCIETE EN NOM COLLECTIF M. & L. BIETTE FRERES, Nantes, France.
Filed November 2, 1926. Serial No. 239,603. PUBLISHED JANUARY 25, 1927.

226,388. WATERPROOFING COMPOUNDS FOR ALL POROUS MATERIALS. SEAL-A-VOID CO., Philadelphia, Pa.
Filed November 6, 1926. Serial No. 239,773. PUBLISHED JANUARY 11, 1927.

226,389. COLD CREAM, VANISHING CREAM, DEODORANT, PERFUME, TOILET WATER, ROUGE, FACE POWDER, TALCUM POWDER, LIP STICK, AND SOLIDIFIED POWDER. ANNIE M. MALONE, doing business as Poro College, St. Louis, Mo.
Filed November 8, 1926. Serial No. 239,814. PUBLISHED JANUARY 25, 1927.

226,390. ASTRINGENT FOR PYORRHEA, INFLAMED SWOLLEN SORE GUMS, ULCERATED SORE MOUTH, AND OTHER DISEASES OF A SIMILAR NATURE AFFECTING THE MOUTH AND GUMS. THE NOLAN LABORATORIES, INC., Canton, Ohio.
Filed November 12, 1926. Serial No. 240,000. PUBLISHED JANUARY 25, 1927.

226,391. COFFEE. AMERICAN COFFEE CORPORATION, Jersey City, N. J.
Filed November 16, 1926. Serial No. 240,122. PUBLISHED JANUARY 25, 1927.

226,392. FRESH VEGETABLES—NAMELY, FRESH PEPPERS AND FRESH SWEET POTATOES. SOUTHERN SWEET POTATO EXCHANGE INCORPORATED, Sunset, La.
Filed November 17, 1926. Serial No. 240,222. PUBLISHED JANUARY 25, 1927.

226,393. RUNNING-FIT REMEDY. S. A. CRISP CANINE CO., Blacksburg, S. C.
Filed November 22, 1926. Serial No. 240,402. PUBLISHED JANUARY 25, 1927.

226,394. A REMEDY FOR BLACK TONGUE, A DISEASE PECULIAR TO CANINES. S. A. CRISP CANINE COMPANY, Blacksburg, S. C.
Filed November 22, 1926. Serial No. 240,403. PUBLISHED JANUARY 25, 1927.

226,395. GREETING CARDS. EDMUND D. POOLE & COMPANY, INC., New York, N. Y.
Filed November 23, 1926. Serial No. 240,504. PUBLISHED JANUARY 25, 1927.

226,396. LADIES' HATS. WEYMAN BROTHERS, Los Angeles, Calif.
Filed November 23, 1926. Serial No. 240,515. PUBLISHED JANUARY 25, 1927.

226,397. PLAY SUITS FOR CHILDREN. SUSANNA A. CORY, Minneapolis, Minn.
Filed November 24, 1926. Serial No. 240,537. PUBLISHED JANUARY 25, 1927.

226,398. COTTON PLANTING SEED. SAM HAMBURGER, Columbus, Tex.
Filed November 9, 1926. Serial No. 239,855. PUBLISHED JANUARY 18, 1927.

226,399. FIRE CLAY. THE REX CLAY PRODUCTS COMPANY, Detroit, Mich.
Filed November 10, 1926. Serial No. 239,895. PUBLISHED JANUARY 11, 1927.

226,400. WINDSHIELD WIPERS OF THE SQUEEGEE TYPES. AMERICAN BOSCH MAGNETO CORPORATION, Springfield, Mass.
Filed November 11, 1926. Serial No. 239,911. PUBLISHED JANUARY 25, 1927.

226,401. MEN'S AND BOYS' SUITS AND OVERCOATS, RAINCOATS, VESTS, SLIPCOATS, TROUSERS, TOPCOATS, AND OVERALLS. HENRY SONNEBORN, COMPANY, INC., Baltimore, Md.
Filed November 11, 1926. Serial No. 239,932. PUBLISHED JANUARY 18, 1927.

226,402. LEATHER. BARNET LEATHER CO., INC., New York, N. Y.
Filed November 12, 1926. Serial No. 239,960. PUBLISHED JANUARY 18, 1927.

226,403. LEATHER. BARNET LEATHER CO., INC., New York, N. Y.
Filed November 12, 1926. Serial No. 239,961. PUBLISHED JANUARY 18, 1927.

226,404. TOILET ARTICLES. LES PARFUMS DE ROSINE, INC., New York, N. Y.
Filed November 12, 1926. Serial No. 239,985. PUBLISHED JANUARY 18, 1927.

226,405. TOILET ARTICLES. LES PARFUMS DE ROSINE, INC., New York, N. Y.
Filed November 12, 1926. Serial No. 239,988. PUBLISHED JANUARY 18, 1927.

226,406. TOILET ARTICLES. LES PARFUMS DE ROSINE, INC., New York, N. Y.
Filed November 12, 1926. Serial No. 239,986. PUBLISHED JANUARY 18, 1927.

226,407. RADIO TRANSMITTING DEVICES—NAMELY, CODE SIGNAL SOUNDING DEVICE; TELEGRAPH INSTRUMENTS—NAMELY, TRANSMITTER KEY. NELSON DOUGLASS, Jr., doing business as The Ultimate Transmitter Co., Los Angeles, Calif.
Filed August 20, 1926. Serial No. 236,201. PUBLISHED JANUARY 18, 1927.

226,408. RADIO TRANSMITTING DEVICES—NAMELY, CODE SIGNAL SOUNDING DEVICE; TELEGRAPH INSTRUMENTS—NAMELY, TRANSMITTER KEY. NELSON DOUGLASS, Jr., doing business as The Ultimate Transmitter Co., Los Angeles, Calif.
Filed August 20, 1926. Serial No. 236,202. PUBLISHED JANUARY 18, 1927.

226,409. PHOTOGRAPHIC CAMERAS, FILM PACKS, ADAPTERS, DAYLIGHT DEVELOPMENT OUTFITS (CONSISTING OF A SLEEVE AND A DEVELOPING BOX), AND ROLL FILM. NAAMLOOZE VENNOOTSCHAP TOT EXPLOITATIE VAN VAN DEN BOOGARDT'S OCTROOI, 'S-Gravenhage, Netherlands.
Filed August 25, 1926. Serial No. 236,432. PUBLISHED JANUARY 25, 1927.

226,410. ROAD-MAKING MATERIALS—NAMELY, BITUMEN, BITUMEN COMPOUNDS OF ALL KINDS, BITUMINOUS EMULSION OF ALL KINDS, BITUMINOUS MIXTURES OF ALL KINDS, AND RUBBER-CAPPED PAVING BLOCKS. UNIVERSAL RUBBER PAVIORS (MANCHESTER 1923) LIMITED, Audenshaw, near Manchester, England.
Filed August 27, 1926. Serial No. 236,580. PUBLISHED JANUARY 18, 1927.

226,411. SIDE UPPER LEATHER. AMERICAN HIDE AND LEATHER COMPANY, Boston, Mass.
Filed October 23, 1926. Serial No. 239,076. PUBLISHED JANUARY 18, 1927.

226,412. RADIO BROADCAST RECEIVING SETS AND RADIOTRANSFORMERS. HENRY JOSEPH PODLESAK, doing business as Sylvan Radio Shops, Chicago, Ill.
Filed October 23, 1926. Serial No. 239,136. PUBLISHED JANUARY 18, 1927.

226,413. FRESH, SALTED, BRINED, PICKLED, AND CANNED FISH, FISH FLESH, OYSTERS, CLAMS, CRABS, SHRIMPS, LOBSTERS, AND SAUSAGES. GENERAL SEAFOODS CORPORATION, Gloucester, Mass.
Filed October 27, 1926. Serial No. 239,299. PUBLISHED JANUARY 25, 1927.

226,414. HAIR TONIC AND TAR SHAMPOO, BATH FOR HAIR AND SCALP CLEANSERS AND TONICS. HYMAN HUERSCHMAN, doing business as Ritz Perfume Company, Brooklyn, N. Y.
Filed October 29, 1926. Serial No. 239,412. PUBLISHED JANUARY 18, 1927.

226,415. MALT EXTRACT IN SIRUP FORM FOR BAKING PURPOSES. RICHARD WARREN, doing business as D. Warren, Cincinnati, Ohio.
Filed October 30, 1926. Serial No. 239,497. PUBLISHED DECEMBER 21, 1926.

226,416. POWER-CURRENT-SUPPLY UNITS FOR RADIO RECEIVING SETS AND RECTIFIER TUBES THEREFOR. GREENE-BROWN MFG. CO., Chicago, Ill.
Filed November 2, 1926. Serial No. 239,581. PUBLISHED JANUARY 18, 1927.

226,417. WHEAT FLOUR. GALLATIN VALLEY MILLING COMPANY, Seattle, Wash.
Filed November 5, 1926. Serial No. 239,706. PUBLISHED JANUARY 25, 1927.

226,418. MOLDINGS USED IN WINDOW SASH AND STORE-FRONT CONSTRUCTION MADE IN WHOLE OR IN PART OF SHEET METAL, AND METAL PARTS OR MEMBERS USED IN WINDOW SASH AND STORE-FRONT CONSTRUCTION. BRASCO MANUFACTURING COMPANY, Chicago, Ill.
Filed November 6, 1926. Serial No. 239,735. PUBLISHED JANUARY 18, 1927.

226,419. STATIONERY—NAMELY, WRITING PAPER, GREETING CARDS, AND CORRESPONDENCE CARDS. KETTERLINUS LITHOGRAPHIC MANUFACTURING CO., Philadelphia, Pa.
Filed November 6, 1926. Serial No. 239,756. PUBLISHED JANUARY 25, 1927.

226,420. PRESERVED FRUITS AND FRUIT JUICES. LEWIS JETHRO JONES, Miami, Fla.
Filed November 8, 1926. Serial No. 239,809. PUBLISHED JANUARY 25, 1927.

226,421. PLASTER, LIME, FACE BRICK, ROOFING, WALL BOARDS, AND MORTAR COLORS. THE TOLEDO PLASTER & SUPPLY COMPANY, Toledo, Ohio.
Filed November 8, 1926. Serial No. 239,834. PUBLISHED JANUARY 25, 1927.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

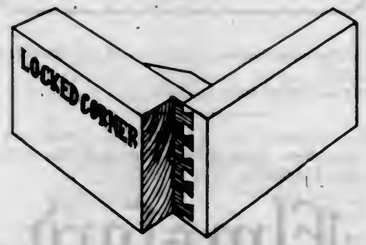
THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

226,422. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES H. DENT, doing business as Dent Chemical Company, Grand Rapids, Mich. Filed Jan. 8, 1927. Serial No. 242,522.

Dent's

Particular description of goods.—Toilet Waters, Perfumes, Facial, Massage, and Lotion Creams, Face Powders, and Hair Tonics.
Claims use since Apr. 10, 1910.

226,423. (CLASS 32. FURNITURE AND UPHOLSTERY.) MARSHALL C. WOOD MANUFACTURING COMPANY, Truxton, N. Y. Filed June 26, 1926. Serial No. 238,802.



Particular description of goods.—Kitchen, Tea-Room, Hotel, Breakfast, Restaurant, Lunch-Stand, Café, and Radio Tables.
Claims use since Sept. 1, 1924.

226,424. (CLASS 17. TOBACCO PRODUCTS.) CONSOLIDATED LEAF TOBACCO CO., Chicago, Ill. Filed Feb. 1, 1927. Serial No. 243,643.



Particular description of goods.—Leaf Tobacco.
Claims use since Nov. 18, 1925.

226,425. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) PARAGON STEEL & TOOL CO. INC., Lyndhurst, N. J. Filed Jan. 24, 1927. Serial No. 243,283.

Duro Steel

Particular description of goods.—Tool Steel.
Claims use since May 18, 1925.

226,426. (CLASS 37. PAPER AND STATIONERY.) W. A. SHEAFFER PEN COMPANY, Fort Madison, Iowa. Filed Jan. 22, 1927. Serial No. 243,234.

SHEAFFER'S

Particular description of goods.—Pens, Pencils, and Desk Stands.
Claims use since Jan. 1, 1919.

226,427. (CLASS 38. PRINTS AND PUBLICATIONS.) JOSEPHINE HONOR WALSH, doing business as Helen Decie, Philadelphia, Pa. Filed Jan. 19, 1927. Serial No. 243,074.

Helen Decie

Particular description of goods.—A Nom de Plume for Newspaper Articles Appearing in the Public Ledger.
Claims use since July, 1919.

226,428. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) CHERAMY, INC., New York, N. Y. Filed Feb. 4, 1926. Serial No. 226,843.

BIARRITZ

Particular description of goods.—Toilet Soap and a Shaving Cream in the Nature of a Soap Cream.
Claims use since Jan. 27, 1926.

226,429. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN BOTTLERS OF CARBONATED BEVERAGES, Washington, D. C. Filed Dec. 21, 1925. Serial No. 224,942.

THE AMES ALKALI TEST

Particular description of goods.—Tablets of a Chemical Composition Used as a Means of Testing the Alkaline Strength of Washing Solutions.
Claims use since Oct. 19, 1925.

226,430. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE INDIA TIRE AND RUBBER COMPANY, Mogadore and Akron, Ohio. Filed Feb. 10, 1926. Serial No. 227,122.

HEAT PROOF

Particular description of goods.—Inner Tubes of Rubber for Pneumatic Tires.
Claims use since Jan. 20, 1926.

226,431. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HAINES MANUFACTURING CORPORATION, Rochester, N. Y. Filed Feb. 17, 1926. Serial No. 227,405.

HOLD-E-ZEE
THE TOOL WITH A MILLION USES

Particular description of goods.—Special Tools—Namely, Screw Drivers.
Claims use since Jan. 28, 1926.

226,432. (CLASS 37. PAPER AND STATIONERY.) E. C. PALMER & CO., LTD., New Orleans, La. Filed Mar. 4, 1926. Serial No. 228,131.

GULF STATES

Particular description of goods.—Correspondence and Mailing Envelopes.
Claims use since Dec. 1, 1909.

226,433. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE J. B. WILLIAMS COMPANY, Glastonbury, Conn. Filed Feb. 18, 1926. Serial No. 227,491.

AQUA

Particular description of goods.—Toilet Water, Brilliantine, Hair Tonic, and After-Shaving Preparations.
Claims use since Feb. 5, 1926.

226,434. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) SOUTHERN WEAVING COMPANY, Greenville, S. C. Filed Apr. 19, 1926. Serial No. 230,421.

MULTIWEAVE

Particular description of goods.—Transmission Lining.
Claims use since Oct. 1, 1925.

226,435. (CLASS 39. CLOTHING.) THE STEIN-BLOCH CO., Rochester, N. Y. Filed Nov. 19, 1924. Serial No. 205,564.

Wimbledon

Particular description of goods.—Men's Overcoats and Sack Coats.
Claims use since Oct. 1, 1924.

226,436. (CLASS 39. CLOTHING.) THE STEIN-BLOCH CO., Rochester, N. Y. Filed Nov. 19, 1924. Serial No. 205,569.

English Flecked Lavender

Particular description of goods.—Men's Overcoats and Sack Coats.
Claims use since Oct. 1, 1924.

226,437. (CLASS 39. CLOTHING.) SHEDRAIN COAT CO. INC., New York, N. Y. Filed Jan. 30, 1926. Serial No. 226,691.

Elmsford

Particular description of goods.—Men's and Boys' Overcoats and Raincoats.
Claims use since Jan. 2, 1926.

226,438. (CLASS 39. CLOTHING.) BURSON KNITTING COMPANY, Rockford, Ill. Filed Feb. 12, 1926. Serial No. 227,218.

Sheer-on

Particular description of goods.—Hosiery.
Claims use since Jan. 15, 1926.

226,439. (CLASS 39. CLOTHING.) ROSENBLATT & HOLLUB, INC., New York, N. Y. Filed Feb. 25, 1926. Serial No. 227,812.

Trico Jacquard

Particular description of goods.—Women's and Misses' Dresses.
Claims use since Feb. 18, 1926.

226,440. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARIE DE FRANCE LABORATORIES INC., New York, N. Y. Filed Feb. 27, 1926. Serial No. 227,899.

Marie de France

"Marie de France."
Particular description of goods.—Toilet Preparations—Viz, Facial Creams, Bath Salts, Face Powder, Body Powder, and Hand Lotion.
Claims use since Feb. 15, 1926.

226,441. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HANLY PRODUCTS CO., INC., Chicago, Ill. Filed Mar. 4, 1926. Serial No. 228,106.

CACTUS-WAX

Particular description of goods.—Face Creams.
Claims use since Jan. 11, 1926.

226,442. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NORMAN S. SLOWEY, Newark, N. J. Filed Mar. 8, 1926. Serial No. 228,336.

SLOWEAR

Particular description of goods.—Cotton Bed Sheets, Cotton Pillowcases, Cotton or Linen Towels, Tablecloths, Napkins, Cotton Bedspreads, and Silk or Cotton Curtains.
Claims use since Feb. 26, 1926.

226,443. (CLASS 32. FURNITURE AND UPHOLSTERY.) H. V. COWAN, doing business as H. V. Cowan, Inc., Los Angeles, Calif. Filed Mar. 25, 1926. Serial No. 229,161.

SANIT-AIRY

Particular description of goods.—Sink Cabinets.
Claims use since Nov. 1, 1925.

226,444. (CLASS 39. CLOTHING.) M. SOLKOFF & CO., INC., New York, N. Y. Filed Mar. 31, 1926. Serial No. 229,474.

DISNEY CLOTHES

Particular description of goods.—Men's Outer Wear—Namely, Suits, Coats, Pants, Vests, Overcoats, Tuxedos, and Knickers.
Claims use since Jan. 25, 1926.

226,445. (CLASS 39. CLOTHING.) OPPENHEIM, COLLINS & CO. INC., New York, N. Y., and Cleveland, Ohio. Filed Apr. 5, 1926. Serial No. 229,696.

Brighton

Particular description of goods.—Women's Apparel—Namely, Coats, Dresses, Suits, Hosiery, and Leather and Silk Gloves.
Claims use since Jan. 15, 1926.

226,446. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BOOTT MILLS, Lowell, Mass. Filed Apr. 16, 1926. Serial No. 230,276.

Du Bon

Particular description of goods.—Cotton, Wool, Silk, Rayon Piece Goods, or Combinations Thereof; Motor Robes of Textile Material, Furniture Covers of Textile Material, Upholstery Cloth of Cotton, Silk, Wool, Rayon, or Combinations Thereof in the Piece.
Claims use since Mar. 1, 1926.

226,447. (CLASS 39. CLOTHING.) LAMPL KNITWEAR CO., Cleveland, Ohio. Filed Apr. 28, 1926. Serial No. 230,828.

Charleston

Particular description of goods.—Knitted Outerwear—Namely, Sweaters.
Claims use since January, 1926.

226,448. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) POLK MILLER PRODUCTS CORPORATION, Richmond, Va. Filed May 18, 1926. Serial No. 231,810.

NO TAR ODOR

Particular description of goods.—Mange Medicine.
Claims use since Jan. 25, 1926.

226,449. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ALLEN B. MITCHELL & SON, Philadelphia, Pa. Filed June 29, 1926. Serial No. 233,885.

Iceland

Particular description of goods.—Woolen and Worsted Goods and Combinations Thereof in the Piece.
Claims use since Mar. 1, 1926.

226,450. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOUIS DOUSSANG, Chicago, Ill. Filed Sept. 24, 1926. Serial No. 237,656.

DOUSSANG'S HERB

Particular description of goods.—Laxative Herb Preparation for the Treatment of Constipation and for Use as an Intestinal Cleanser.
Claims use since Sept. 1, 1925.

226,451. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES P. KIRWAN, doing business as Kirpo Laboratories, Portland, Oreg. Filed Nov. 20, 1926. Serial No. 240,356.

ALASKA FOOT BALM

Particular description of goods.—Salves to be Applied to the Feet for Bunions, Calli, and Chilblains.
Claims use since Feb. 1, 1925.

226,452. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) FLORENCE LARGE, doing business as All-Styles Hanger Co., New York, N. Y. Filed Dec. 4, 1926. Serial No. 240,983.

Shoalda Shape

Particular description of goods.—Garment Hangers.
Claims use since Nov. 1, 1925.

226,453. (CLASS 39. CLOTHING.) JOSEPH KNOPF & SONS INC., Rochester, N. Y. Filed Dec. 31, 1926. Serial No. 242,233.

Knopf Clothes
Rochester, N.Y.
Each Garment a Masterpiece

Particular description of goods.—Men's Suits and Overcoats.
Claims use since Jan. 1, 1923.

226,454. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DIANA LABORATORIES INC., St. Louis, Mo. Filed Jan. 7, 1927. Serial No. 242,476.

GANDER'S

Particular description of goods.—Therapeutic Composition Comprising Goose Grease and Other Ingredients.
Claims use since October, 1923.

226,455. (CLASS 39. CLOTHING.) FREED BROS., doing business as Style Coat House, New York, N. Y. Filed Jan. 15, 1927. Serial No. 242,886.

Style Coat House

Particular description of goods.—Women's and Misses' Coats.
Claims use since about November, 1922.

226,456. (CLASS 5. ADHESIVES.) THE AMERICAN CRAYON COMPANY, Sandusky, Ohio. Filed Feb. 2, 1927. Serial No. 243,679.

STIXMORE

Particular description of goods.—Adhesive Pastes.
Claims use since Apr. 7, 1925.

226,457. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KELLOGG COMPANY, Battle Creek, Mich. Filed Dec. 13, 1924. Serial No. 206,669.

REDI-COOKED

Particular description of goods.—Cereal Breakfast Food Composed Principally of Oats.
Claims use since Nov. 21, 1924.

226,458. (CLASS 2. RECEPTACLES.) THE SEINSHEIMER PAPER COMPANY, Cincinnati, Ohio, and New Orleans, La. Filed Apr. 28, 1926. Serial No. 230,851.

MOTH-TITE

Particular description of goods.—Mothproof Bags.
Claims use since Feb. 1, 1926.

226,459. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MID-CALIFORNIA CITRUS ASSOCIATION, Porterville, Calif. Filed July 26, 1926. Serial No. 235,161.

MID CALIFORNIA

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit.
Claims use since January, 1914.

226,460. (CLASS 31. FILTERS AND REFRIGERATORS.) LEONARD REFRIGERATOR COMPANY, Grand Rapids, Mich., assignor to Electric Refrigeration Corporation, Detroit, Mich., a Corporation of Michigan. Filed July 23, 1926. Serial No. 234,960.

Grand Rapids

Particular description of goods.—Refrigerators and Refrigerator Parts.
Claims use since about July 1, 1904.

226,461. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) NORTH AMERICAN DYE CORPORATION, Mount Vernon, N. Y. Filed July 19, 1926. Serial No. 234,728.

EVERY SHAKE A FRESH CAKE

Particular description of goods.—Powdered Toilet Soap.
Claims use since on or about Jan. 1, 1926.

226,462. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE CLEVELAND ROCK DRILL COMPANY, Cleveland, Ohio. Filed Feb. 12, 1927. Serial No. 244,483.

NEVERLOOSE

Particular description of goods.—Fluid-Controlling Valves.
Claims use since August, 1925.

TRADE-MARK REGISTRATIONS RENEWED

29,476. WOOL BOOTS AND LUMBERMAN'S SOCKS. Registered January 19, 1897. MISHAWAKA WOOLEN MANFG. Co. Renewed January 19, 1927, to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind., a Corporation of Indiana, assignee.

29,592. CERTAIN NAMED FOODS, BEVERAGES, AND CONDIMENTS. Registered February 23, 1897. J. F. HUMPHREYS & Co., Bloomington, Ill., a Corporation of Illinois. Renewed February 23, 1927.

29,660. A COUGH REMEDY. Registered March 9, 1897. LOUIS RICHARD BARIDON. Renewed February 23, 1927, to McEwen-Cameron Limited, doing business as L. R. Baridon, Registered, Montreal, Canada, assignee by mesne assignments.

29,682. WASHING BLUE. Registered March 9, 1897. C. H. FISCHER & Co., New York, N. Y. Renewed March 9, 1927, to THE ULTRAMARINE COMPANY, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey, assignee by mesne assignments.

29,731. PUMICE STONES FOR GRINDING PURPOSES. Registered March 23, 1897. HEINRICH BENDER & Co. Renewed March 23, 1927, to Vereinigte Werke Bender & Mayer G. m. b. H., Worms, Germany, a Corporation of Germany, assignee by mesne assignments.

29,740. POWDERED COCOA FOR DRINKING OR COOKING. Registered March 23, 1897. STEPHEN L. BARTLETT. Renewed March 23, 1927, to Stephen L. Bartlett Company, Boston, Mass., a Corporation of Massachusetts, assignee.

29,878. WOOL BOOTS. Registered April 20, 1897. MISHAWAKA WOOLEN MANUFACTURING COMPANY. Renewed April 20, 1927, to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind., a Corporation of Indiana, assignee.

29,908. RUBBER BOOTS AND SHOES. Registered April 27, 1897. BOSTON RUBBER SHOE Co., Boston and Malden, Mass. Renewed April 27, 1927, to Boston Rubber Shoe Company, Melrose and Malden, Mass., a Corporation of Massachusetts.

29,931. DOLLS AND DOLLS' COSTUMES. Registered May 4, 1897. LOUIS WOLF & Co., Boston, Mass. Renewed May 4, 1927, to Louis Wolf & Co. Inc., New York, N. Y., a Corporation of New York, assignee.

29,950. WHEAT, RYE, AND BUCKWHEAT FLOUR AND OTHER CEREAL FOOD PRODUCTS. Registered May 4, 1897. EVERETT AUGHENBAUGH & Co., Waseca, Minn. Renewed May 4, 1927, to Everett, Aughenbaugh & Co., Minneapolis, Minn., a Corporation of Delaware, successor.

29,951. WHEAT, RYE, AND BUCKWHEAT FLOUR AND OTHER CEREAL FOOD PRODUCTS. Registered May 4, 1897. EVERETT AUGHENBAUGH & Co., Waseca, Minn. Renewed May 4, 1927, to Everett, Aughenbaugh & Co., Minneapolis, Minn., a Corporation of Delaware, successor.

30,031. RUBBER BOOTS AND SHOES. Registered May 18, 1897. BOSTON RUBBER SHOE Co., Boston, Mass. Renewed May 18, 1927, to Boston Rubber Shoe Company, Malden and Melrose, Mass., a Corporation of Massachusetts.

30,099. SASH PULLEYS. Registered May 25, 1897. THE NORRIS SASH PULLEY Co. Renewed May 25, 1927, to Francis Eugene Sloan, Baltimore, Md., assignee.

30,311. PORTLAND CEMENT. Registered June 29, 1897. ATLAS CEMENT Co. Renewed June 29, 1927, to The Atlas Portland Cement Company, New York, N. Y., a Corporation of Pennsylvania, successor.

30,344. BANDAGING MATERIAL FOR USE IN DRESSING WOUNDS, SORES, &c. Registered July 6, 1897. VEREINIGTE GUMMIWARREN-FABRIKEN HARBURG-WIEN, VORMALS MENIER-J. N. REITHOFFER, Harburg-on-the-Elbe, Germany. Renewed July 6, 1827, to Harburger Gummiwarren-Fabrik Phoenix A.-G., Harburg, Germany, a Joint Stock Corporation of Germany, successor.

58,213. HEATING AND COOKING STOVES AND RANGES. Registered December 11, 1906. BLAKESLEY-TUTTLE STOVE Co. Renewed December 11, 1926, by change of name, to The Security Stove & Mfg. Co., Kansas City, Mo., a Corporation of Missouri.

58,552. WHEAT FLOUR. Registered December 18, 1906. THE CHEROKEE MILL & ELEVATOR COMPANY, Cherokee, Okla. Renewed December 18, 1926, to The Kansas Flour Mills Corporation, Kansas City, Mo., a Corporation of Delaware, assignee by mesne assignments.

58,674. WRITING AND PRINTING PAPER. Registered December 25, 1906. GEORGE LA MONTE & SON, New York, N. Y., a Corporation of New Jersey. Renewed December 25, 1926.

58,675. WRITING AND PRINTING PAPER. Registered December 25, 1906. GEORGE LA MONTE & SON, New York, N. Y., a Corporation of New Jersey. Renewed December 25, 1926.

59,282. AN OIL FOR MEDICINAL PURPOSES AND APPLICATIONS. Registered January 1, 1907. C. DE KONING TILLY. Renewed January 1, 1927, to Edouard L. W. van Dobben, doing business as C. de Koning Tilly, Haarlem, Netherlands.

59,522. AN OIL FOR MEDICINAL PURPOSES. Registered January 8, 1907. C. DE KONING TILLY. Renewed January 8, 1927, to Edouard L. W. van Dobben, doing business as C. de Koning Tilly, Haarlem, Netherlands.

59,913. YEAST. Registered January 22, 1907. AKTIEN-BRAUEREI ZUM LÖWENBRÄUIN MÜNCHEN, Munich, Germany, a Corporation of Germany. Renewed January 22, 1927.

60,178. AN OIL FOR MEDICINAL PURPOSES. Registered January 29, 1907. C. DE KONING TILLY. Renewed January 29, 1927, to Edouard L. W. van Dobben, doing business as C. de Koning Tilly, Haarlem, Netherlands.

60,231. KÜMMEL OR CORDIAL. Registered January 29, 1907. J. A. GILKA. Renewed January 29, 1927, to J. A. Gilka A. G., Berlin, Germany, a Corporation of Germany, successor.

60,377. LAGER BEER. Registered February 5, 1907. FORTUNE BROS. BREW. CO. Renewed February 5, 1927, to John L. Fortune and William J. Fortune, doing business as a Firm, Chicago, Ill., assignee.

60,516. CIGARS. Registered February 12, 1907. CIFUENTES, FERNANDEZ Y CA. Renewed February 12, 1927, to Cifuentes, Pego y Compania, Havana, Cuba, assignee.

60,654. ROASTED COFFEE. Registered February 19, 1907. THE GORDON COFFEE & SPICE COMPANY. Renewed February 19, 1927, to The Ennis-Hanly-Blackburn Coffee Company, Kansas City, Mo., a Corporation of Missouri, successor.

60,681. WHEAT FLOUR. Registered February 19, 1907. ISMERT-HINCKE MILLING COMPANY, Kansas City, Kans. Renewed February 19, 1927, to Ismert-Hincke Milling Company, Kansas City, Mo., a Corporation of Kansas.

60,682. WHEAT FLOUR. Registered February 19, 1907. ISMERT-HINCKE MILLING COMPANY, Kansas City, Kans. Renewed February 19, 1927, to Ismert-Hincke Milling Company, Kansas City, Mo., a Corporation of Kansas.

60,968. EYEGLASS AND SPECTACLE LENSES. Registered February 26, 1907. A. MARTIN INC., New York, N. Y., a Corporation of New York. Renewed February 26, 1927.

60,972. CERTAIN EDGE TOOLS. Registered February 26, 1907. DUNHAM, CARRIGAN & HAYDEN CO., San Francisco, Calif., a Corporation of California. Renewed February 26, 1927.

61,050. TEA. Registered March 5, 1907. CHASE & SANBORN, Boston, Mass. Renewed March 5, 1927.

61,055. STOVE GASOLINE. Registered March 5, 1907. THE NATIONAL REFINING COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed March 5, 1927.

61,080. LUBRICATING OIL. Registered March 5, 1907. THE NATIONAL REFINING COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed March 5, 1927.

61,159. THERMOMETERS, BAROMETERS, MERCURY GAUGES, SPRING GAUGES, AND HYDROMETERS. Registered March 5, 1907. THE HOHMANN & MAURER MFG. CO. Renewed March 5, 1927, to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York, successor.

61,307. ILLUMINATING OIL. Registered March 12, 1907. THE NATIONAL REFINING COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed March 12, 1927.

61,357. RANGES AND STOVES. Registered March 19, 1907. WROUGHT IRON RANGE COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed March 19, 1927.

61,401. CERTAIN MUSICAL INSTRUMENTS. Registered March 19, 1907. ROBERT A. CHILDS, Syracuse, N. Y. Renewed March 19, 1927.

61,440. CERTAIN CUTLERY AND EDGE TOOLS. Registered March 19, 1907. DUNHAM, CARRIGAN & HAYDEN Co., San Francisco, Calif., a Corporation of California. Renewed March 19, 1927.

61,441. CERTAIN CUTLERY AND EDGE-TOOLS. Registered March 19, 1907. DUNHAM, CARRIGAN & HAYDEN Co., San Francisco, Calif., a Corporation of California. Renewed March 19, 1927.

61,678. TOOTH PASTE AND TOOTH POWDER. Registered April 2, 1907. P. BEIERSDORF & Co., Hamburg, Germany. Renewed April 2, 1927, to Lehn & Fink, Inc., New York, N. Y., a Corporation of New York, assignee.

61,682. BITTERS. Registered April 2, 1907. EMIL JULIUS ROBERT EXNER. Renewed April 2, 1927, to Carl Mampe A.-G., Berlin, Germany, a Corporation of Germany, assignee.

61,736. AN ALLOY OF METALS USED FOR BEARINGS AND OTHER PURPOSES. Registered April 2, 1907. THE MANGANESE BRONZE AND BRASS CO. LIMITED, London, England, a Limited Liability Company of Great Britain. Renewed April 2, 1927.

61,845. RAISINS. Registered April 9, 1907. GRIFFIN & SKELLEY Co. Renewed April 9, 1927, to California Packing Corporation, San Francisco, Calif., a Corporation of New York, assignee.

61,857. RAISINS. Registered April 9, 1907. GRIFFIN & SKELLEY Co. Renewed April 9, 1927, to California Packing Corporation, San Francisco, Calif., a Corporation of California, assignee.

62,259. PERFUMED SOAP. Registered April 30, 1907. A. & F. PEARS LIMITED, London, England, a Corporation of the United Kingdom of Great Britain and Ireland. Renewed April 30, 1927.

62,266. RUBBER TIRES. Registered April 30, 1907. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio, a Corporation of Ohio. Renewed April 30, 1927.

62,565. PLAYING CARDS. Registered May 14, 1907. THE UNITED STATES PLAYING CARD Co. Renewed May 14, 1927, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

62,648. WHEAT FLOUR. Registered May 21, 1907. EAGLE ROLLER MILL COMPANY, New Ulm, Minn., a Corporation of Minnesota. Renewed May 21, 1927.

62,649. WHEAT FLOUR. Registered May 21, 1907. EAGLE ROLLER MILL COMPANY, New Ulm, Minn., a Corporation of Minnesota. Renewed May 21, 1927.

62,650. WHEAT FLOUR. Registered May 21, 1907. EAGLE ROLLER MILL COMPANY, New Ulm, Minn., a Corporation of Minnesota. Renewed May 21, 1927.

62,721. STOVES, RANGES, FURNACES, AND HEATERS. Registered May 21, 1907. CO-OPERATIVE FOUNDRY Co., Rochester, N. Y., a Corporation of New York. Renewed May 21, 1927.

62,738. CERTAIN CLOTHING. Registered May 21, 1907. WRIGHT & DITSON, Jersey City, N. J., and Boston, Mass., a Corporation of New Jersey. Renewed May 21, 1927.

62,749. TISSUE PAPER INCLUDING NAPKINS AND TOILET PAPER. Registered May 21, 1907. THE JOHN HOBERG CO. Renewed May 21, 1927, to Hoberg Paper & Fibre Company, Green Bay, Wis., a Corporation of Wisconsin, assignee.

62,884. SPICES AND FLAVORING EXTRACTS. Registered May 28, 1907. HILLS BROS. Renewed May 28, 1927, to Hills Bros., San Francisco, Calif., a Corporation of California, successor.

62,885. TEA. Registered May 28, 1907. HILLS BROS. Renewed May 28, 1927, to Hills Bros., San Francisco, Calif., a Corporation of California, successor.

62,937. WHEAT FLOUR. Registered May 28, 1907. THE CONCORDIA MILLING COMPANY, Concordia, Kans., a Corporation of Kansas. Renewed May 28, 1927.

62,998. BAKING POWDER AND BICARBONATE OF SODA. Registered June 4, 1907. HILLS BROS. Renewed June 4, 1927, to Hills Bros., San Francisco, Calif., a Corporation of California, successor.

63,044. CERTAIN FOOTWEAR. Registered June 4, 1907. DOLGEVILLE FELT SHOE COMPANY, Dolgeville, N. Y., a Corporation of New York. Renewed June 4, 1927.

63,288. VINEGAR. Registered June 11, 1907. PRICE & LUCAS CIDER AND VINEGAR COMPANY. Renewed June 11, 1927, to Price & Lucas Company, Louisville, Ky., a Corporation of Kentucky, assignee.

63,369. GASOLINE. Registered June 18, 1907. THE NATIONAL REFINING COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed June 18, 1927.

63,371. SARSAPARILLA. Registered June 18, 1907. SCHONEBERGER & NOBLE. Renewed June 18, 1927, to Schoneberger & Noble, Inc., New York, N. Y., a Corporation of New York, assignee.

63,426. CERTAIN CHINA, STONEWARE, EARTHENWARE, PORCELAIN, AND TERRA-COTTA WARES. Registered June 18, 1907. VILLEROY & BOCH, Mettlach, Germany, a Limited Stock Company of Germany. Renewed June 18, 1927.

63,428. AN ANODYNE. Registered June 18, 1907. BATTLE & COMPANY, CHEMISTS' CORPORATION, St. Louis, Mo., a Corporation of Missouri. Renewed June 18, 1927.

63,429. A CHEMICAL OR MEDICAL PREPARATION USED AS AN ALTERATIVE. Registered June 18, 1907. BATTLE & COMPANY, CHEMISTS' CORPORATION, St. Louis, Mo., a Corporation of Missouri. Renewed June 18, 1927.

63,430. A CHEMICAL OR MEDICAL PREPARATION USED AS A HYPNOTIC. Registered June 18, 1907, BATTLE & COMPANY, CHEMISTS' CORPORATION, St. Louis, Mo., a Corporation of Missouri. Renewed June 18, 1927.

63,431. AN ANTIPURULENT. Registered June 18, 1907. BATTLE & COMPANY, CHEMISTS' CORPORATION, St. Louis, Mo., a Corporation of Missouri. Renewed June 18, 1927.

63,512. TOILET BRUSHES. Registered June 25, 1907. ALFRED H. SMITH Co., New York, N. Y., a Corporation of New York. Renewed June 25, 1927.

63,561. LIQUID REMEDIES FOR BURNS. Registered June 25, 1907. LUIGI RONCORONI, West Hoboken, N. J. Renewed June 25, 1927, to Luigi Roncoroni, Union City, N. J.

63,564. CANDY. Registered June 25, 1907, to ELIE SHEETZ, Washington, D. C. Renewed June 25, 1927, to Martha Washington Candies Company, Chicago, Ill., a Corporation of Illinois, assignee.

63,565. CANDY. Registered June 25, 1907, to ELIE SHEETZ, Washington, D. C. Renewed June 25, 1927, to Martha Washington Candies Company, Chicago, Ill., a Corporation of Illinois, assignee.

63,566. CANDY. Registered June 25, 1907, to ELIE SHEETZ, Washington, D. C. Renewed June 25, 1927, to Martha Washington Candies Company, Chicago, Ill., a Corporation of Illinois, assignee.

63,610. CUTLERY IN GENERAL AND OTHER HAND TOOLS HAVING A CUTTING EDGE. Registered July 2, 1907. MARSH BROTHERS Co. Renewed July 2, 1927, to Marsh Brothers & Co. Limited, Sheffield, England, a Corporation of Great Britain, successor.

63,711. REED, STRING, AND BRASS MUSICAL INSTRUMENTS AND PARTS. Registered July 2, 1907. C. MEISEL. Renewed July 2, 1927, to C. Meisel, Inc., New York, N. Y., a Corporation of New York, assignee.

63,763. WASHING BLUE. Registered July 9, 1907. WEBB MANUFACTURING Co., Nashville, Tenn., a Corporation of Tennessee. Renewed July 9, 1927.

63,805. WHEAT BREAKFAST FOOD. Registered July 9, 1907. CREAM OF WHEAT COMPANY, Minneapolis, Minn., a Corporation of North Dakota. Renewed July 9, 1927.

63,806. WHEAT BREAKFAST FOOD. Registered July 9, 1907. CREAM OF WHEAT COMPANY, Minneapolis, Minn., a Corporation of North Dakota. Renewed July 9, 1927.

63,807. WHEAT BREAKFAST FOOD. Registered July 9, 1907. CREAM OF WHEAT COMPANY, Minneapolis, Minn., a Corporation of North Dakota. Renewed July 9, 1927.

63,945. ANIMAL POISON. Registered July 16, 1907. STEARNS' ELECTRIC PASTE Co., Buffalo, N. Y. Renewed July 16, 1927, to Stearns' Electric Paste Co., Chicago, Ill., a Corporation of Illinois.

63,966. ILLUMINATING OIL. Registered July 16, 1907. THE NATIONAL REFINING COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed July 16, 1927.

63,972. WHEAT FLOUR, BUCKWHEAT FLOUR, AND CORN MEAL. Registered July 16, 1907. THE TOPEKA MILLING COMPANY, Topeka, Kans. Renewed July 16, 1927, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

64,123. CERTAIN FLOURS AND MEALS. Registered July 23, 1907. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed July 23, 1927, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

64,151. CERTAIN NAMED FLOUR AND MEAL. Registered July 23, 1907. QUAKER MILL COMPANY, Manchester, Iowa. Renewed July 23, 1927, to The Quaker Oats Company, Chicago, Ill., a Corporation of Illinois, assignee.

64,175. CERTAIN METAL GOODS. Registered July 30, 1907. PITTSBURGH VALVE, FOUNDRY AND CONSTRUCTION COMPANY, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed July 30, 1927.

64,177. HORSE AND MULE SHOES. Registered July 30, 1907. STANDARD HORSE SHOE COMPANY, Boston and South Wareham, Mass. Renewed July 30, 1927, to Standard Horse Shoe Co., Boston, Mass., a Corporation of Massachusetts.

64,270. CERTAIN CEREAL FOODS. Registered July 30, 1907. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed July 30, 1927, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

64,351. ANIMAL SHEARING OR CLIPPING MACHINES. Registered August 6, 1907. CHICAGO FLEXIBLE SHAFT COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed August 6, 1927.

64,366. PERIODICAL PUBLICATIONS AS MONTHLY MAGAZINES. Registered August 6, 1907. JOHN A. MCGUIRE, Denver, Colo. Renewed August 6, 1927.

64,380. FLAVORING EXTRACTS. Registered August 6, 1907. THE C. S. MOREY MERCANTILE COMPANY. Renewed August 6, 1927, to The Morey Mercantile Company, Denver, Colo., a Corporation of Colorado, successor.

64,524. SPICES, MUSTARD, AND FLAVORING EXTRACTS. Registered August 13, 1907. JOHN BIRD COMPANY, Rockland, Me., a Corporation of Maine. Renewed August 13, 1927.

64,546. A MALT SIZE FOR THREADS AND YARNS. Registered August 13, 1907. ERSTE WIENER EXPORT MALZFABRIK HAUSER & SOBOTKA, Stadlau-Wien, Austria. Renewed August 13, 1927, to The American Diamalt Company, Cincinnati, Ohio, and New York, N. Y., a Corporation of Ohio, assignee.

64,560. ANIMAL POISON. Registered August 13, 1907. STEARNS' ELECTRIC PASTE CO., Buffalo, N. Y. Renewed August 13, 1927, to Stearns' Electric Paste Co., Chicago, Ill., a Corporation of Illinois.

64,590. A CONCENTRATED MALT EXTRACT USED FOR MAKING BREAD. Registered August 13, 1907. ERSTE WIENER EXPORT MALZFABRIK HAUSER SOBOTKA, Stadlau-Wien, Austria. Renewed August 13, 1927, to The American Diamalt Company, Cincinnati, Ohio, and New York, N. Y., a Corporation of Ohio, assignee.

64,703. EXPANDED-METAL STRUCTURES. Registered August 20, 1907. THE GENERAL FIREPROOFING CO. Renewed August 20, 1927, to Truscon Steel Company, Youngstown, Ohio, a Corporation of Ohio, assignee.

64,706. AUTOMOBILES AND PARTS THEREOF OTHER THAN RUBBER TIRES. Registered August 20, 1907. H. H. FRANKLIN MFG. CO., Syracuse, N. Y., a Corporation of New York. Renewed August 20, 1927.

64,720. BUTTER. Registered August 20, 1907. BLUE VALLEY CREAMERY COMPANY, St. Joseph, Mo., and Chicago, Ill. Renewed August 20, 1927, to Blue Valley Creamery Company, Wilmington, Del., and Chicago, Ill., a Corporation of Delaware, assignee.

64,721. BUTTER. Registered August 20, 1907. BLUE VALLEY CREAMERY COMPANY, St. Joseph, Mo., and Chicago, Ill. Renewed August 20, 1927, to Blue Valley Creamery Company, Wilmington, Del., and Chicago, Ill., a Corporation of Delaware, assignee.

64,747. COFFEE AND TEA. Registered August 20, 1907. OLIVER-FINNIE CO., Memphis, Tenn., a Corporation of Tennessee. Renewed August 20, 1927.

64,748. COFFEE AND TEA. Registered August 20, 1907. OLIVER-FINNIE CO., Memphis, Tenn., a Corporation of Tennessee. Renewed August 20, 1927.

64,794. MAPLE SIRUP AND TABLE SIRUP. Registered August 20, 1907. OLIVER-FINNIE CO., Memphis, Tenn., a Corporation of Tennessee. Renewed August 20, 1927.

64,896. SPOON FISHING BAIT. Registered August 27, 1907. WILLIAM T. J. LOWE, Buffalo, N. Y. Renewed August 27, 1927, to The Enterprise Manufacturing Company, Akron, Ohio, a Corporation of Ohio, assignee.

64,900. CASH REGISTERS, CREDIT REGISTERS, AND AUTOGRAPHIC REGISTERS. Registered August 27, 1907. THE NATIONAL CASH REGISTER COMPANY. Renewed August 27, 1927, to The National Cash Register Company, Dayton, Ohio, a Corporation of Maryland, assignee.

LABELS

REGISTERED APRIL 5, 1927.

31,859.—*Title:* JOLLY TIME HULLESS POPCORN. For Pop Corn Packed in Buckets. AMERICAN POP CORN COMPANY, Sioux, City, Iowa. Published January 26, 1927.

31,860.—*Title:* MAKES LEATHER LAST LONGER. For Shoe Oil. THEO. BERGMANN SHOE MANUFACTURING Co., Portland, Oreg. Published December 1, 1926.

31,861.—*Title:* BEEHIVE BREAD. For Bread. J. B. BLOOD Co., Lynn, Mass. Published February 28, 1927.

31,862.—*Title:* A GRIP ON PROSPERITY. For Coin Savers of Griplike Form. FREDERICK J. BLOY, Milwaukee, Wis. Published February 8, 1926.

31,863.—*Title:* ALI-OOP! For Candy. The BONITA Co., Fond du Lac, Wis. Published February 1, 1927.

31,864.—*Title:* BURKHART'S SYSTEM BUILDER. For Medicated Tablets. WILLIAM S. BURKHART, jr., Cincinnati, Ohio. Published February 21, 1927.

31,865.—*Title:* RAPHAEL'S VITA LUXURIANT. For Hair Reviver. ANGELA J. DAGOSTINO, doing business as The Vita Laboratories, Lynn, Mass. Published March 1, 1927.

31,866.—*Title:* CITROLA. For Piano Polish. DAJAN CHEMICAL COMPANY, Boston, Mass. Published December 7, 1926.

31,867.—*Title:* R-A-P-A-D—A LIQUID PADDING CEMENT. For Liquid Padding Cement. JOHN FARNSWORTH ASSOCIATED, INC., doing business as John Farnsworth Corporation, Philadelphia, Pa. Published December 10, 1926.

31,868.—*Title:* DR. WHITES SALVE. For Medicine for the Relief of Congestion, Sprains, and Inflammation. FIRST NATIONAL LABORATORIES, INC., Lehighton, Pa. Published January 15, 1925.

31,869.—*Title:* DR. WHITES TASTELESS EPSOM SALTS TABLETS. For Medicine for the Relief of Constipation, Headache, and Dizziness. FIRST NATIONAL LABORATORIES, INC., Lehighton, Pa. Published December 29, 1925.

31,870.—*Title:* DR. WHITES SALVE. For Medicine for the Treatment of Coughs and Colds. FIRST NATIONAL LABORATORIES, INC., Lehighton, Pa. Published January 9, 1925.

31,871.—*Title:* DR. WHITES GENUINE ASPIRIN TABLETS. For Medicine for the Relief of Colds, Headache, and Grippe. FIRST NATIONAL LABORATORIES, INC., Lehighton, Pa. Published June 1, 1925.

31,872.—*Title:* DR. WHITES HEADACHE TABLETS. For Medicine for the Relief of Headache and Neuralgia. FIRST NATIONAL LABORATORIES, INC., Lehighton, Pa. Published June 1, 1925.

31,873.—*Title:* FERNET-BRANCA. For a Medicinal Preparation—Namely, an Anticholera and Tonic Remedy. L. GANDOLFI & Co. INC., New York, N. Y. Published January 28, 1927.

31,874.—*Title:* GRAND PRIZE PIQUANT FRENCH DRESSING. For French Dressing. SIMON GELFAND, doing business as The Piquant Food Company, Baltimore, Md., and Los Angeles, Calif. Published November 30, 1926.

31,875.—*Title:* BRAZOS RIVER CROOKS. For Cigars. AUGUSTUS J. GOLDEN, Baltimore, Md. Published February 24, 1927.

31,876.—*Title:* MOANA. For Guava Jam. HAWAIIAN PACKING Co., LTD., Hilo, Territory of Hawaii. Published July 1, 1926.

31,877.—*Title:* DE LUXE. For Malt Sirup. HENRY HIRSH, doing business as Home Beverage Co., Chicago, Ill. Published February 10, 1927.

31,878.—*Title:* TOM'S TOASTED PEANUTS. For Toasted Peanuts. TOM HUSTON, doing business as Tom Huston Peanut Company, Columbus, Ga. Published December 15, 1925.

31,879.—*Title:* JERSEY BROOK. For Butter. JERSEY FARM PRODUCTS COMPANY, Pittsburgh, Pa. Published January 10, 1927.

31,880.—*Title:* STERLING. For Macaroni. JOLIET MACARONI COMPANY, doing business as Sterling Macaroni Co., Chicago, Ill. Published August 2, 1926.

31,881.—*Title:* FLEUR DE MAI. For Toilet Water. (Miss) ELLA M. KENNEDY, doing business as Kenneth Mfr., Philadelphia, Pa. Published December 15, 1926.

31,882.—*Title:* KAN FUL. For Canned Apricots. KINGS COUNTY PACKING COMPANY, Armona, Calif. Published May 1, 1926.

31,883.—*Title:* PINE HAIR-ROOT OIL. For Preparation for the Hair and Scalp. A. J. KRANK MFG. CO., St Paul, Minn. Published January 22, 1927.

31,884.—*Title:* DERMATONE HEAD RUB. For Preparation for the Hair and Scalp. A. J. KRANK MFG. CO., St. Paul, Minn. Published January 22, 1927.

31,885.—*Title:* CUBA MAID. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Cuba Cheese Products, Inc., Cuba, N. Y. Published December 24, 1926.

31,886.—*Title:* ANHEUSER-BUSCH YEAST. For Yeast. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Anheuser-Busch Inc., St. Louis, Mo. Published February 7, 1927.

31,887.—*Title:* PRINTZ'S BUTTER-KRUST BREAD. For Bread. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to The Model Baking Co., New Albany, Ind. Published February 17, 1927.

31,888.—*Title:* MODERN LIBRARY 24. For Books. Being Placed Around the Books as a Jacket. THE MODERN LIBRARY, INC., New York, N. Y. Published February 15, 1927.

31,889.—*Title:* MODERN LIBRARY 68. For Books. Being Placed Around the Books as a Jacket. THE MODERN LIBRARY, INC., New York, N. Y. Published February 15, 1927.

31,890.—*Title:* MODERN LIBRARY 93. For Books, Being Placed Around the Books as a Jacket. THE MODERN LIBRARY, INC., New York, N. Y. Published February 15, 1927.

31,891.—*Title:* MODERN LIBRARY 3. For Books. Being Placed Around the Books as a Jacket. THE MODERN LIBRARY, INC., New York, N. Y. Published February 15, 1927.

31,892.—*Title:* SAINT GEORGE. For Malt Extract. THE PAN-COMO COMPANY, Springfield, Mass. Published February 1, 1927.

31,893.—*Title:* CHEROPIN. For Medicinal Preparation for Relieving Coughs in Infants and Small Children. PHYSICIANS & HOSPITALS SUPPLY CO., INC., Minneapolis, Minn. Published February 1, 1927.

31,894.—*Title:* WHITE ORCHID. For Cigars. P. E. REICHARD, doing business as P. E. Reichard Co., Red Lion, Pa. Published February 21, 1927.

31,895.—*Title:* RAPID WASHING WATER. For Chemical Compound for Clothes and Other Washing. BENJAMIN SACK, doing business as The Continental Oil Co., New York, N. Y. Published June 25, 1926.

31,896.—*Title:* PLAYTIME EMBROIDERY BOX. For Lunch Cloths and Napkins and on Embroidery Floss and Embroidery Hoops. VIRGINIA SNOW, Elgin, Ill. Published February 10, 1927.

31,897.—*Title:* PLAYTIME EMBROIDERY BOX. For Quilt Blocks and on Embroidery Floss and Embroidery Hoops. VIRGINIA SNOW, Elgin, Ill. Published February 10, 1927.

31,898.—*Title:* SUPER SERVICE. For Nickel Polish. SUPER SERVICE CORPORATION, Omaha, Nebr. Published December 15, 1926.

31,899.—*Title:* SUPER SERVICE. For Penetrating Oil. SUPER SERVICE CORPORATION, Omaha, Nebr. Published December 15, 1926.

31,900.—*Title:* SUPER SERVICE. For Liquid Radiator Cement. SUPER SERVICE CORPORATION, Omaha, Nebr. Published December 15, 1926.

31,901.—*Title:* SUPER SERVICE. For Metal Polish. SUPER SERVICE CORPORATION, Omaha, Nebr., Published December 15, 1926.

31,902.—*Title:* SUPER SERVICE. For Closed-Car Top Dressing. SUPER SERVICE CORPORATION, Omaha, Nebr. Published December 15, 1926.

31,903.—*Title:* SUPER SERVICE. For Gasket Cement. SUPER SERVICE CORPORATION, Omaha, Nebr. Published December 15, 1926.

31,904.—*Title:* SUPER SERVICE. For Auto Polish. SUPER SERVICE CORPORATION, Omaha, Nebr. Published Dec. 15, 1926.

31,905.—*Title:* SUPER SERVICE. For Engine Enamel. SUPER SERVICE CORPORATION, Omaha, Nebr. Published December 15, 1926.

31,906.—*Title:* SUPER SERVICE. For Shellac Compound for Gaskets and Rims. SUPER SERVICE CORPORATION, Omaha, Nebr. Published December 15, 1926.

31,907.—*Title:* SUPER SERVICE. For Enamel. SUPER SERVICE CORPORATION, Omaha, Nebr. Published December 15, 1926.

31,908.—*Title:* STONY BROOK. For Butter. C. R. & W. J. SUTHERLAND, Albany, N. Y. Published January 1, 1927.

31,909.—*Title:* LITTLE SWEDE SHINER. For Polish for Any Surface Requiring a Perfect Finish. SWEDISH PRODUCTS COMPANY, Minneapolis, Minn. Published January 21, 1927.

31,910.—*Title:* PRESS CLUB COFFEE. For Coffee. M. E. SWING CO., Washington, D. C. Published September 1, 1926.

PRINTS

REGISTERED APRIL 5, 1927.

9,693.—*Title:* VENUS SU GARANTIA DE PERFECCIÓN NO. 520. For Pencils. AMERICAN LEAD PENCIL COMPANY, New York, N. Y. Published January 11, 1927.

9,694.—*Title:* NEW! VENUS PENCIL NO. 138. For Pencils. AMERICAN LEAD PENCIL COMPANY, New York, N. Y. Published February 9, 1927.

9,695.—*Title:* NEW VENUS PENCIL C 65. For Pencils. AMERICAN LEAD PENCIL COMPANY, New York, N. Y. Published February 9, 1927.

9,696.—*Title:* BLACK, STARR & FROST HAVE, OF COURSE. For Jewelry. BLACK, STARR & FROST, New York, N. Y. Published February 15, 1927.

9,697.—*Title:* THE NEW COMPLETE CADET VAN DYKE FOOT. For Hosiery. CADET KNITTING COMPANY, Philadelphia, Pa. Published January 1, 1927.

9,698.—*Title:* MILK AND CEREAL MIXTURE IN THE INFANT'S DIET. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published March 1, 1927.

9,699.—*Title:* FOR DESSERT MY-T-FINE. For Dessert Preparations. THE D & C CO. INC., Wilmington, Del., and Brooklyn, N. Y. Published February 13, 1927.

9,700.—*Title:* PARODANT. For a Crystallized Deodorant. GEORGE H. GARNET, doing business as The George H. Garnet Co., Allentown, Pa. Published January 1, 1927.

9,701.—*Title:* JOHNSON'S INKS. For Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published May 1, 1925.

9,702.—*Title:* INKS. For Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published June 1, 1925.

9,703.—*Title:* CHARLES ENEU JOHNSON & CO. INKS. For Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published October 1, 1925.

9,704.—*Title:* H. J. SOULEN. For Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published July 1, 1925.

9,705.—*Title:* LYNN BOGUE HUNT. For Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published September 1, 1925.

9,706.—*Title:* CHARLES ENEU JOHNSON & CO. For Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published August 1, 1925.

9,707.—*Title:* JOHNSON. For Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published November 1, 1925.

9,708.—*Title:* THIS WHITE PAINT DOES NOT TURN DARK. For Paint. THE NEW JERSEY ZINC COMPANY, New York, N. Y. Published March 1, 1927.

9,709.—*Title:* SANTRO BABY TEETHING RINGS. For Teething Rings. JULIUS SCHMID, INC., New York, N. Y. Published August 10, 1925.

9,710.—*Title:* THREE AS A PAIR A PAIR AND A SPARE. For Hosiery. THE SLIPPER SHOP, INC., Chicago, Ill. Published February 7, 1927.

9,711.—*Title:* ARISTOCRAT OF TIREDOM. For Tires. VOGUE RUBBER COMPANY, Chicago, Ill. Published January 3, 1927.

REISSUES

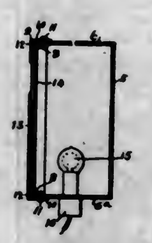
APRIL 5, 1927.

16,582. SHOCK ABSORBER. THOMAS MORINELLI, Philadelphia, Pa. Filed Dec. 8, 1926. Serial No. 153,435. Original No. 1,596,445, dated Aug. 17, 1926, Serial No. 101,681, filed Apr. 13, 1926. 7 Claims. (Cl. 188—88.)



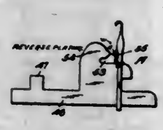
1. A shock absorber including a cylindrical receptacle closed at both ends, outlet passageways leading through the closed ends, spring actuated valves controlling said passageways, a piston slidably mounted within the receptacle and having air passageways therethrough, a spring actuated valve controlling each passageway, the valve of one passageway being opposed to the other, and a piston rod attached to the piston and passing through one of the closed ends of the receptacle.

16,583. LICENSE INDICATOR. HERBERT O. WIEMANN, Chesterton, Ind. Filed Apr. 27, 1922, Serial No. 557,009. Original No. 1,378,640, dated May 17, 1921, Serial No. 375,314, filed Apr. 20, 1920. 3 Claims. (Cl. 40—132.)



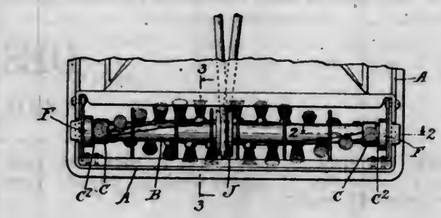
2. In a brake mechanism for railway cars, a brake lever, a brake staff, a connection including a reversible lever operatively connected to said staff and lever, a connector jaw in which said lever is pivoted, inclined supporting means, and means for slidably mounting said connector jaw on said supporting means.

16,584. REVERSE PLATING BY ACTION OF CASTING OFF MECHANISM. ROBERT H. LAWSON, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a Corporation of Massachusetts. Filed Jan. 28, 1927. Serial No. 164,336. Original No. 1,605,895, dated Nov. 2, 1926, Serial No. 48,546, filed Aug. 6, 1925. 46 Claims. (Cl. 66—40.)



29. That improvement in the process of forming stripes in knitting plated fabrics, which consists in feeding a back thread and a face thread in a plating relation to a series of needles, causing said needles to draw said threads over a series of web holders, which are relatively movable transversely of the needles, and thereby form loops in the threads with said face thread normally at the face of the fabric, and reversing the said threads at certain of the web holders by causing the latter web holders to effect thread engagement at an abnormally early point in the loop forming operation by said relative movement transversely of the needles.

16,585. SUCTION SWEEPER. HOWARD EARL HOOVER, Chicago, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed Feb. 11, 1920. Serial No. 357,830. Original No. 1,286,321, dated Dec. 3, 1918, Serial No. 124,545, filed Oct. 9, 1916. 15 Claims. (Cl. 15—158.)

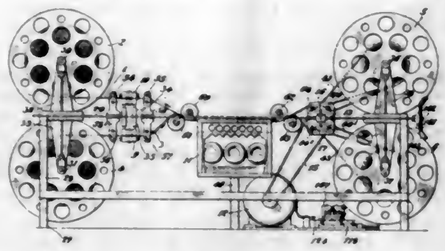


1. A brush device comprising a rotatable brush body provided with a flange on its end, a narrow circumferential groove adjacent the flange and a cup-shaped thread guard overhanging such groove.

16,586. TALKING-PICTURE TRANSFER MECHANISM. HARRY E. CHIPMAN, Springfield, Mass., assignor, by direct and mesne assignments, to William A. Chipman and Andrew Le Roy Chipman, New York, N. Y. Filed Jan. 13, 1926. Serial No. 81,110. Original No. 1,480,992, dated Jan. 15, 1924, Serial No. 439,913, filed Jan. 26, 1921. 4 Claims. (Cl. 88—16.2.)

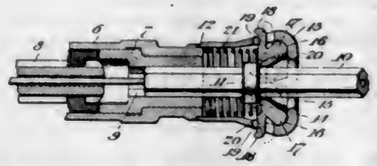
1. In an apparatus for reproducing film carrying synchronized and registering sound and light records, the combination of means for continuously progressing a film having negative pictures thereon and also a magnetic

sound record thereon, means for progressing at the same rate a positive film having a strip of magnetizable material thereon, means for printing positive pictures from



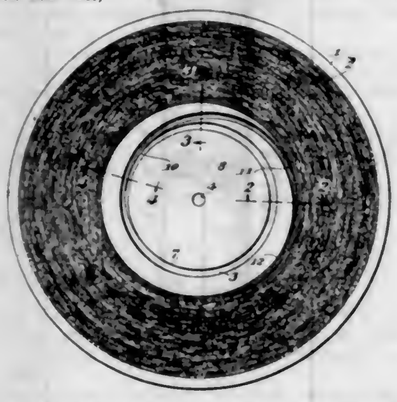
said negative pictures on said positive film, and means for reproducing said magnetic sound record on said strip of magnetizable material, during the progress of said films.

16,587. TOOL RETAINER. HJALMER C. GUSTAFSON, Denver, Colo., assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo., a Corporation of Delaware. Filed Dec. 21, 1926. Serial No. 156,241. Original No. 1,580,599, dated Apr. 13, 1926, Serial No. 506,731, filed Oct. 10, 1921. 6 Claims. (Cl. 121—32.)



3. The combination with a tool holder having a tool-receiving socket, and oppositely projecting ears, of a hood having rearwardly extending rods slidable in the ears, retaining devices on the rear ends of the rods, coiled springs on the rods between the ears and retaining devices, said hood having a front wall provided with an opening through which the tool passes, holding dogs pivotally bearing at their front ends against the front wall of the hood on opposite sides of the opening, said dogs having operating means projecting from the hood and having their rear ends provided with abutment faces to engage the front face of the collar of a tool placed in the socket, and a coiled spring interposed between the rear ends of the dogs outside the abutment faces and the front end of the tool holder and serving to hold said dogs in their forward and inner positions.

16,588. PHONOGRAPH RECORD. WALTER C. HADLEY, New York, N. Y., assignor, by mesne assignments, to Columbia Phonograph Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed May 6, 1925. Serial No. 28,521. Original No. 1,456,434, dated May 22, 1923, Serial No. 486,150, filed July 20, 1921. 9 Claims. (Cl. 274—41.)

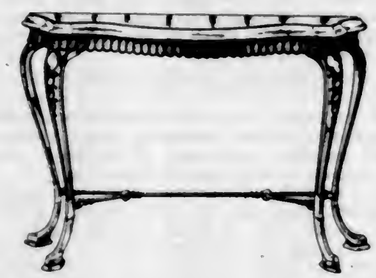


5. A phonograph record having a terminal circular groove, a leading-in groove connecting the terminal groove and sound grooves, said terminal groove provided with an inclined wall whereby the needle upon entering the terminal groove will move down said wall to a position where it can not contact with the end of the connecting groove as the record is revolved.

DESIGNS

APRIL 5, 1927.

72,338. CONSOLE TABLE. OSCAR B. BACH, New York, N. Y. Filed Dec. 11, 1926. Serial No. 20,023. Term of patent 3½ years.



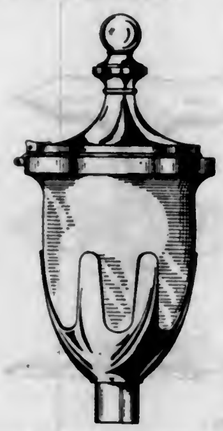
The ornamental design for a console table, as shown.

72,339. BADGE OR SIMILAR ARTICLE. JAMES G. AGNEW and REED K. POND, Annapolis, Md., assignors, by mesne assignments, to Frederick L. Olmsted, trustee, Annapolis, Md. Filed Sept. 13, 1924. Serial No. 10,767. Term of patent 3½ years.



The ornamental design for a badge or similar article, as shown.

72,340. HOPPER FOR COFFEE GRINDERS OR THE LIKE. MILTON K. AKERS, Troy, Ohio, assignor to The Hobart Manufacturing Company, Troy, Ohio, a Corporation of Ohio. Filed Nov. 3, 1923. Serial No. 7,676. Term of patent 14 years.



The ornamental design for hopper for coffee grinders or the like, substantially as shown and described.

72,341. TORCHÈRE. OSCAR B. BACH, New York, N. Y. Filed Dec. 11, 1926. Serial No. 20,020. Term of patent 3½ years.



The ornamental design for a torchère, as shown.

72,342. TABLE. OSCAR B. BACH, New York, N. Y. Filed Dec. 11, 1926. Serial No. 20,022. Term of patent 3½ years.



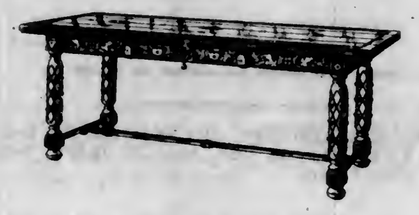
The ornamental design for a table, as shown.

72,343. HIGHBOY. OSCAR B. BACH, New York, N. Y. Filed Dec. 11, 1926. Serial No. 20,024. Term of patent 3½ years.



The ornamental design for a highboy, as shown.

72,344. TABLE. OSCAR B. BACH, New York, N. Y. Filed Dec. 11, 1926. Serial No. 20,025. Term of patent 3½ years.



The ornamental design for a table, as shown.

72,345. TORCHÈRE. OSCAR B. BACH, New York, N. Y. Filed Dec. 11, 1926. Serial No. 20,026. Term of patent 3½ years.



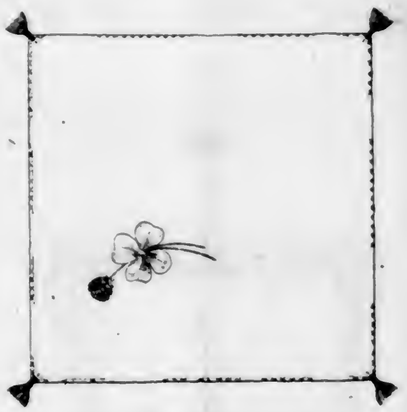
The ornamental design for a torchère, as shown.

72,346. LAMP. OSCAR B. BACH, New York, N. Y. Filed Dec. 11, 1926. Serial No. 20,027. Term of patent 3½ years.



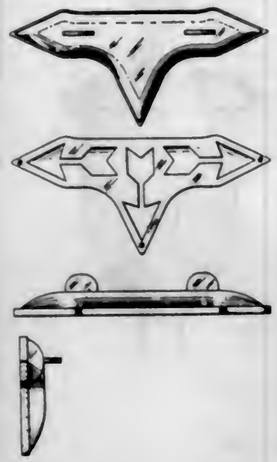
The ornamental design for a lamp, as shown.

72,347. HANDKERCHIEF. MAY PEARL BEE, New York, N. Y. Filed July 13, 1926. Serial No. 18,346. Term of patent 7 years.



The ornamental design for a handkerchief as shown and described.

72,348. VEHICLE SIGNAL-LAMP CASING. ELZEAR H. BESSETTE, Leominster, Mass. Filed Oct. 17, 1925. Serial No. 15,160. Term of patent 7 years.



The ornamental design for a vehicle signal lamp casing as shown.

72,349. TOWEL. RENÉ CLARKE, New York, N. Y., assignor to W. H. & A. E. Margerison & Co., Philadelphia, Pa., a Firm composed of William H. Margerison and Albert E. Margerison. Filed Jan. 15, 1927 Serial No. 20,394. Term of patent 3½ years.



The ornamental design for a towel, as shown.

72,350. LIGHTING-FIXTURE BRACKET. LE ROY A. CRUMLEY, New York, N. Y., assignor to Harry M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Filed Jan. 29, 1927. Serial No. 20,533. Term of patent 7 years.



The ornamental design for a lighting-fixture bracket substantially as shown.

72,351. LIGHTING-FIXTURE STRAP. LE ROY A. CRUMLEY, New York, N. Y., assignor to Harry M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Filed Jan. 29, 1927. Serial No. 20,534. Term of patent 3½ years.



The ornamental design for a lighting-fixture strap substantially as shown.

72,352. LIGHTING-FIXTURE BRACKET. LE ROY A. CRUMLEY, New York, N. Y., assignor to Harry M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Filed Jan. 29, 1927. Serial No. 20,535. Term of patent 7 years.



The ornamental design for a lighting-fixture bracket substantially as shown.

72,353. LIGHTING-FIXTURE STRAP. LE ROY A. CRUMLEY, New York, N. Y., assignor to Harry M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Filed Jan. 29, 1927. Serial No. 20,536. Term of patent 3½ years.



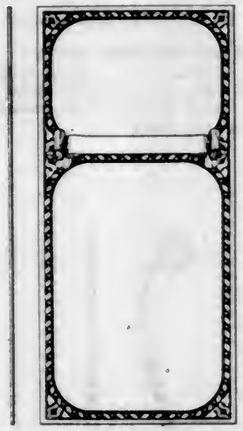
The ornamental design for a lighting fixture strap substantially as shown.

72,354. LIGHTING-FIXTURE BACKPLATE. LE ROY A. CRUMLEY, New York, N. Y., assignor to Harry M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Filed Jan. 29, 1927. Serial No. 20,537. Term of patent 7 years.



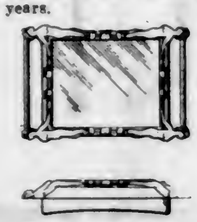
The ornamental design for a lighting fixture backplate, substantially as shown.

72,355. SHIRT BOARD. LADISLAUS DE DOORY, New York, N. Y. Filed Feb. 6, 1926. Serial No. 16,419. Term of patent 3½ years.



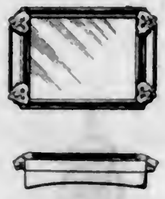
The ornamental design for a shirt board, substantially as shown.

72,356. WATCHCASE. JULIUS DINHOFER, New York, N. Y. Filed Nov. 20, 1926. Serial No. 19,792. Term of patent 14 years.



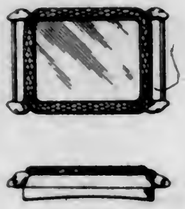
The ornamental design for a watchcase, as shown.

72,357. WATCHCASE. JULIUS DINHOFER, New York, N. Y. Filed Nov. 20, 1926. Serial No. 19,793. Term of patent 14 years.



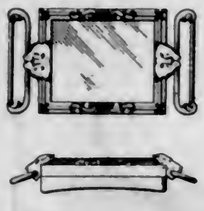
The ornamental design for a watchcase, as shown.

72,358. WATCHCASE. JULIUS DINHOFER, New York, N. Y. Filed Nov. 20, 1926. Serial No. 19,794. Term of patent 14 years.



The ornamental design for a watchcase, as shown.

72,359. WATCHCASE. JULIUS DINHOFER, New York, N. Y. Filed Nov. 20, 1926. Serial No. 19,795. Term of patent 14 years.



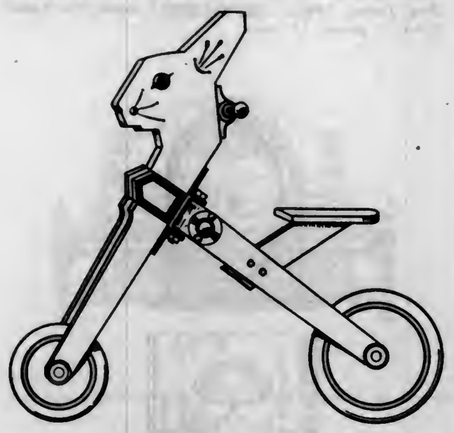
The ornamental design for a watchcase, as shown.

72,360. WATCHCASE. JULIUS DINHOFER, New York, N. Y. Filed Nov. 26, 1926. Serial No. 19,849. Term of patent 14 years.



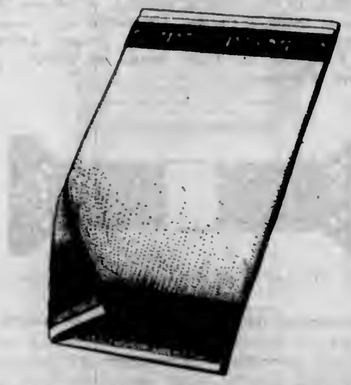
The ornamental design for a watchcase, as shown.

72,361. CHILD'S VEHICLE. HARRY W. DYER, New York, N. Y. Filed Feb. 23, 1926. Serial No. 16,631. Term of patent 7 years.



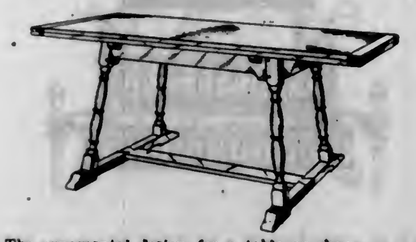
The ornamental design for a child's vehicle as shown.

72,362. TOWEL. ELIZABETH SHIPPEN GREEN ELLIOTT, New York, N. Y., assignor to W. H. & A. E. Margerison & Co., Philadelphia, Pa., a firm composed of William H. Margerison and Albert E. Margerison. Filed Jan. 15, 1927. Serial No. 20,393. Term of patent 3½ years.



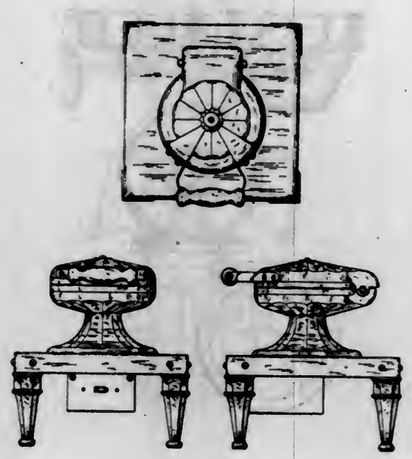
The ornamental design for a towel, as shown.

72,363. TABLE. RALPH C. ERSKINE, Stamford, Conn., assignor to Erskine-Danforth Corporation, a Corporation of New York. Filed Dec. 2, 1925. Serial No. 15,619. Term of patent 7 years.



The ornamental design for a table as shown.

72,364. WAFFLE IRON. CARL J. FAY, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 6, 1927. Serial No. 20,298. Term of patent 7 years.



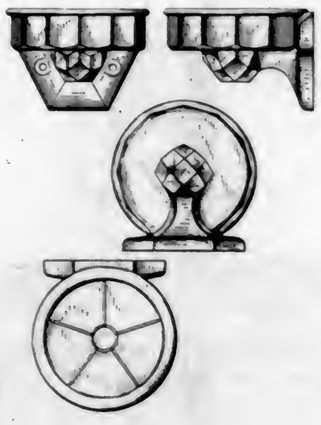
The ornamental design for a waffle iron, substantially as shown.

72,365. STOCKING. ROBERT F. FRIEDRICH, Philadelphia, Pa., assignor to Weber & Friedrich, Inc., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 18, 1927. Serial No. 20,420. Term of patent 14 years.



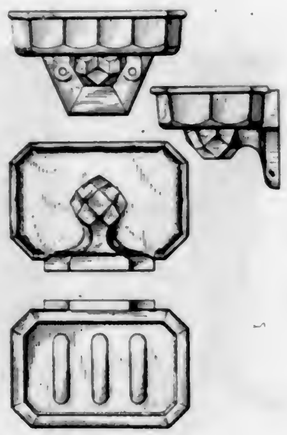
The ornamental design for a stocking, substantially as shown.

72,366. BATHROOM FIXTURE. STANLEY A. FROLKING, Cleveland, Ohio, assignor to Brilliant Glass Products, Inc., Brilliant, Ohio, a Corporation of Ohio. Filed Jan. 26, 1927. Serial No. 20,490. Term of patent 7 years.



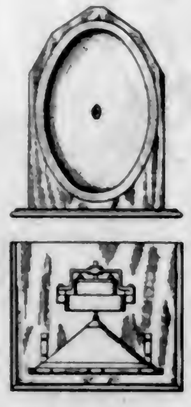
The ornamental design for a bathroom fixture substantially as shown.

72,367. BATHROOM FIXTURE. STANLEY A. FROLKING, Cleveland, Ohio, assignor to Brilliant Glass Products, Inc., Brilliant, Ohio, a Corporation of Ohio. Filed Jan. 26, 1927. Serial No. 20,491. Term of patent 7 years.



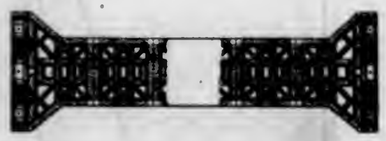
The ornamental design for a bathroom fixture substantially as shown.

72,368. CONE-TYPE LOUD SPEAKER. WILLIAM H. GERNS, East Orange, N. J., assignor to Brandes Laboratories, Inc., Newark, N. N. J., a Corporation of New Jersey. Filed Aug. 23, 1926. Serial No. 18,813. Term of patent 14 years.



The ornamental design for a cone type loud speaker as shown.

72,369. BRACELET. OSCAR KLINKE, Attleboro, Mass., assignor to Smith & Crosby, a Copartnership composed of Alfred D. Crosby and George H. Crosby, Attleboro, Mass. Filed Dec. 11, 1926. Serial No. 20,029. Term of patent 7 years.



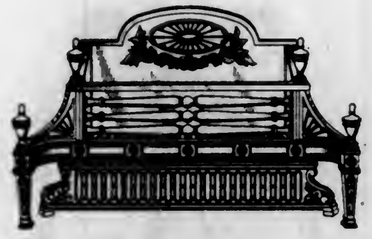
The ornamental design for a bracelet as shown and described.

72,370. FIREPLACE GRATE. HARRY V. LANCASTER, Louisville, Ky., assignor to Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. Filed Feb. 4, 1927. Serial No. 20,612. Term of patent 7 years.



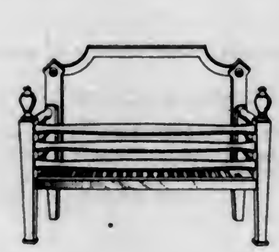
The ornamental design for a fireplace grate, as shown.

72,371. FIREPLACE GRATE. HARRY V. LANCASTER, Louisville, Ky., assignor to Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. Filed Feb, 4, 1927. Serial No. 20,613. Term of patent 7 years.



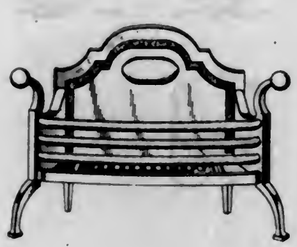
The ornamental design for a fireplace grate, as shown.

72,372. FIREPLACE GRATE. HARRY V. LANCASTER, Louisville, Ky., assignor to Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. Filed Feb. 4, 1927. Serial No. 20,614. Term of patent 7 years.



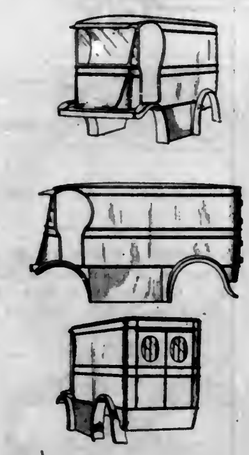
The ornamental design for a fireplace grate, as shown.

72,373. FIREPLACE GRATE. HARRY V. LANCASTER, Louisville, Ky., assignor to Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. Filed Feb. 9, 1927. Serial No. 20,657. Term of patent 7 years.



The ornamental design for a fireplace grate, as shown.

72,374. AUTOMOBILE BODY. JONAS EMIL LARSON, Hammond, Ind., assignor to Champion Auto Equipment Company, Hammond, Ind., a Corporation of Indiana. Filed Jan. 29, 1927. Serial No. 20,543. Term of patent 14 years.



The ornamental design for an automobile body as shown.

72,375. ELECTRIC-LIGHTING WALL FIXTURE. MORRIS LEVITAN, New York, N. Y. Filed Aug. 12, 1926. Serial No. 18,700. Term of patent 3½ years.



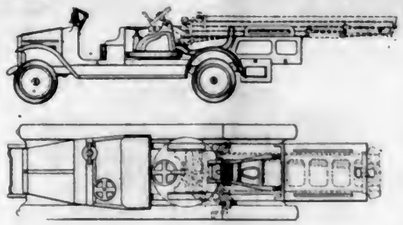
The ornamental design for an electric-lighting wall fixture, as shown.

72,376. ARM FOR ELECTRIC-LIGHT FIXTURE. CHARLES W. LOGAN, Kenmore, N. Y., assignor to Markel Electric Products, Inc., Buffalo, N. Y., a Corporation of New York. Filed Dec. 4, 1926. Serial No. 19,930. Term of patent 3½ years.



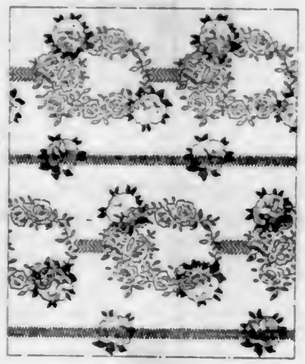
The ornamental design for an arm for an electric-light fixture, as shown.

72,377. TOY TRUCK. FRED A. LUNDAHL, Moline, Ill. Filed Oct. 8, 1925. Serial No. 15,065. Term of patent 14 years.



The ornamental design for toy truck as shown.

72,378. PRINTED FABRIC. JOSEPH HENRY MACK, Passaic, N. J., assignor to M. Lowenstein & Sons, Inc., New York, N. Y., a Corporation of New York. Filed Jan. 12, 1927. Serial No. 20,338. Term of patent 3½ years.



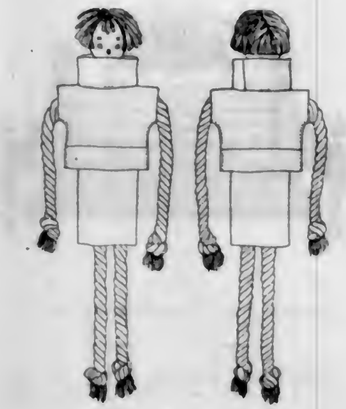
The ornamental design for a printed fabric as shown.

72,379. THERMOMETER. RICHARD E. MANN, New Brighton, N. Y. Filed Jan. 22, 1927. Serial No. 20,468. Term of patent 7 years.



The ornamental design for a thermometer as shown.

72,380. DOLL. ELISE MANNEL, San Francisco, Calif. Filed Dec. 27, 1926. Serial No. 20,157. Term of patent 3½ years.



The ornamental design for a doll, substantially as shown.

72,381. TOY BALLOON. JAMES F. MULHOLLAND, Columbus, Ohio. Filed Dec. 9, 1926. Serial No. 19,986. Term of patent 3½ years.



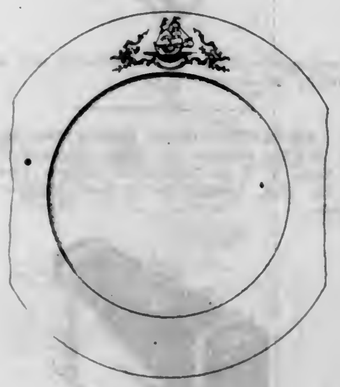
The ornamental design for a toy balloon, as shown.

72,382. AUTOMOBILE TIRE. PHILIP H. OBER, Mansfield, Ohio, assignor to The Mansfield Tire & Rubber Co., Mansfield, Ohio. Filed June 15, 1926. Serial No. 18,060. Term of patent 7 years.



The ornamental design for an automobile tire, as shown.

72,383. PLATE OR SIMILAR ARTICLE. MAX J. PALM, Jr., Cincinnati, Ohio. Filed Nov. 10, 1926. Serial No. 19,658. Term of patent 3½ years.



The ornamental design for a plate or similar article, as shown and described.

72,384. PLATE OR SIMILAR ARTICLE. MAX J. PALM, Jr., Cincinnati, Ohio. Filed Nov. 17, 1926. Serial No. 19,749. Term of patent 3½ years.



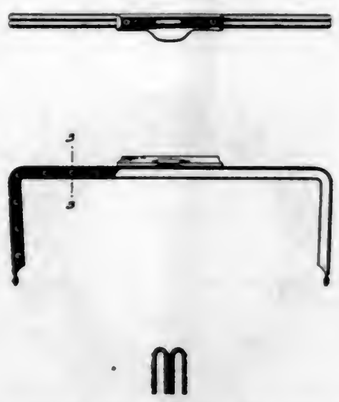
The ornamental design for a plate or similar article, as shown.

72,385. BOTTLE. ROBERT H. PATTERSON, Atlanta, Ga. Filed Dec. 8, 1926. Serial No. 19,972. Term of patent 14 years.



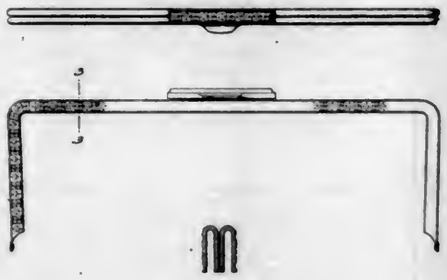
The ornamental design for a bottle, as shown.

72,386. HAND-BAG FRAME. EDWARD POETER, Irvington, N. J., assignor to E. Poeter & Company, Irvington, N. J. Filed Dec. 30, 1926. Serial No. 20,232. Term of patent 3½ years.



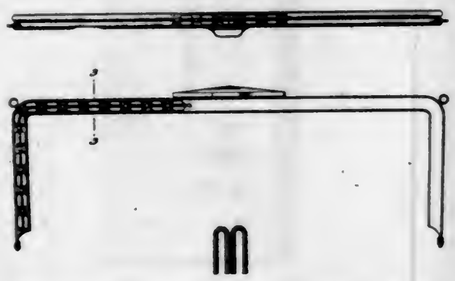
The ornamental design for a hand bag frame as shown.

72,387. HAND-BAG FRAME. EDWARD POETER, Irvington, N. J., assignor to E. Poeter & Company, Irvington, N. J. Filed Dec. 30, 1926. Serial No. No. 20,233. Term of patent 3½ years.



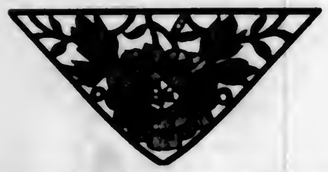
The ornamental design for a hand bag frame as shown.

72,388. HAND-BAG FRAME. EDWARD POETER, Irvington, N. J., assignor to E. Poeter & Company, Irvington, N. J. Filed Dec. 30, 1926. Serial No. 20,234. Term of patent 3½ years.



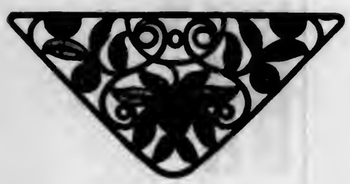
The ornamental design for a hand bag frame as shown.

72,389. EMBROIDERED LACE MEDALLION. MORRIS SAVITZKY, New York, N. Y. Filed Jan. 14, 1927. Serial No. 20,378. Term of patent 7 years.



The ornamental design for embroidered lace medallion substantially as shown.

72,390. EMBROIDERED LACE MEDALLION. MORRIS SAVITZKY, New York, N. Y. Filed Jan. 14, 1927. Serial No. 20,379. Term of patent 7 years.



The ornamental design for embroidered lace medallion substantially as shown.

72,391. EMBROIDERED LACE MEDALLION. MORRIS SAVITZKY, New York, N. Y. Filed Jan. 14, 1927. Serial No. 20,380. Term of patent 7 years.



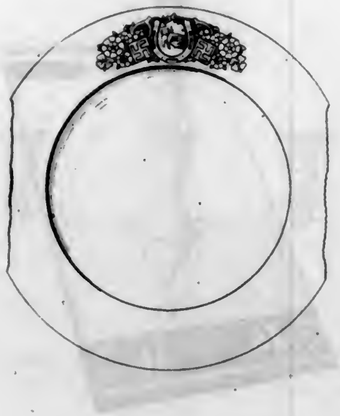
The ornamental design for embroidered lace medallion substantially as shown.

72,392. SUITCASE. OSSIP JOSEPH WALINSKY, Sea Gate, N. Y., assignor to White Luggage Co. Inc., New York, N. Y., a Corporation of New York. Filed Apr. 22, 1926. Serial No. 17,389. Term of patent 14 years.



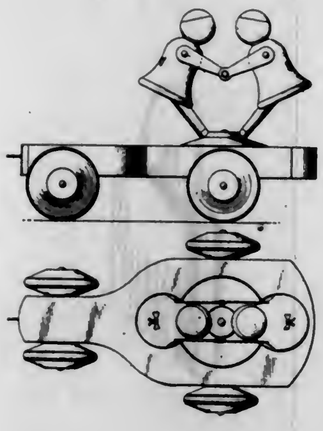
The ornamental design for a suitcase as shown.

72,393. PLATE OR SIMILAR ARTICLE. LUDWIG WALZ, Cincinnati, Ohio, assignor to The Palm Brothers Decalcomania Company, Norwood, Ohio, a Corporation of Ohio. Filed Nov. 17, 1926. Serial No. 19,746. Term of patent 3½ years.



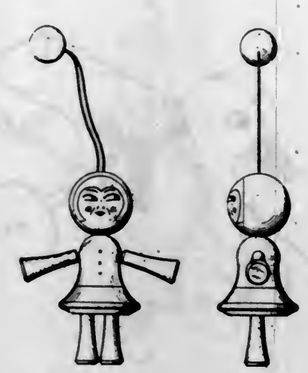
The ornamental design for a plate or similar article as shown and described.

72,394. TOY. CLARE A. WETZELL, Sterling, Ill. Filed Nov. 12, 1926. Serial No. 19,686. Term of patent 3½ years.



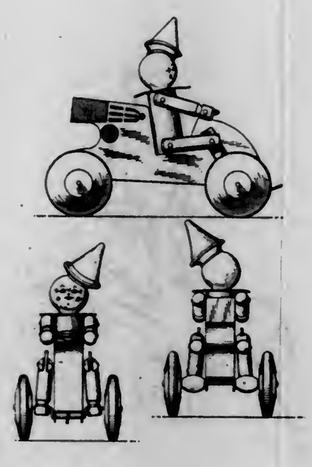
The ornamental design for a toy as shown.

72,395. TOY. CLARE A. WETZELL, Sterling, Ill. Filed Nov. 12, 1926. Serial No. 19,687. Term of patent 3½ years.



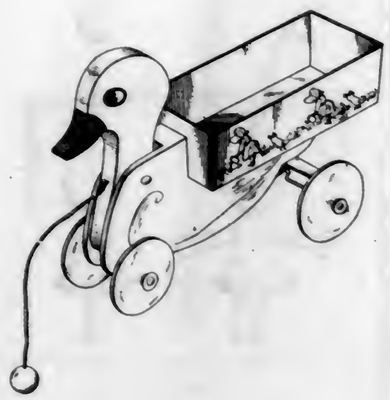
The ornamental design for a toy as shown.

72,396. TOY. CLARE A. WETZELL, Sterling, Ill. Filed Nov. 12, 1926. Serial No. 19,688. Term of patent 3½ years.



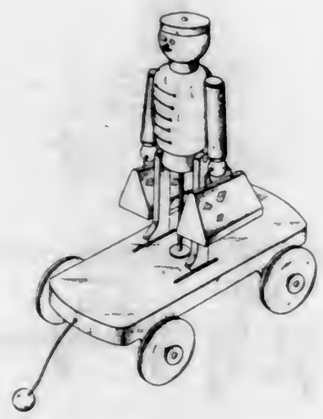
The ornamental design for a toy, as shown.

72,397. TOY. CLARE A. WETZELL, Sterling, Ill. Filed Nov. 12, 1926. Serial No. 19,689. Term of patent 3½ years.



The ornamental design for a toy as shown.

72,398. TOY. CLARE A. WETZELL, Sterling, Ill. Filed Nov. 12, 1926. Serial No. 19,690. Term of patent 3½ years.



The ornamental design for a toy as shown.

72,399. TOWEL. EDWARD A. WILSON, Jackson Heights, N. Y., assignor to W. H. & A. E. Margerison & Co., Philadelphia, Pa., a firm composed of William H. Margerison and Albert E. Margerison. Filed Jan. 15, 1927. Serial No. 20,395. Term of patent 3½ years.



The ornamental design for a towel, as shown.

72,400. VANITY CASE. FRANK M. WOJCIECHOWSKI, North Attleboro, Mass. Filed Jan. 29, 1927. Serial No. 20,530. Term of patent 7 years.



The ornamental design for a vanity case, as shown.

72,401. LIGHTING FIXTURE. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Jan. 26, 1927. Serial No. 20,504. Term of patent 3½ years.



The ornamental design for a lighting fixture, as shown.

72,402. LIGHTING FIXTURE. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Jan. 26, 1927. Serial No. 20,506. Term of patent 3½ years.

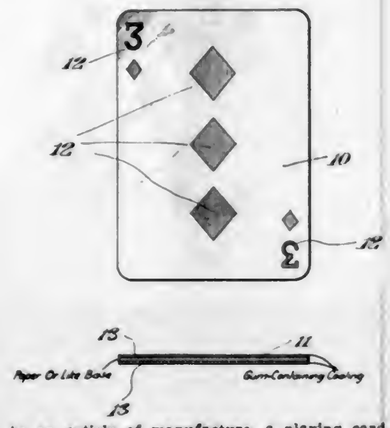


The ornamental design for a lighting fixture, as shown.

PATENTS

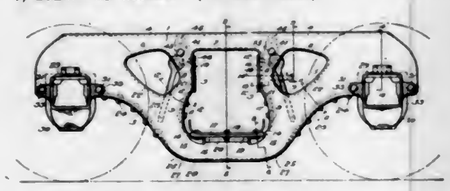
GRANTED APRIL 5, 1927.

1,623,035. PLAYING CARD. SAMUEL BAER, New York, N. Y. Filed July 3, 1924. Serial No. 723,957. 16 Claims. (Cl. 273—152.)



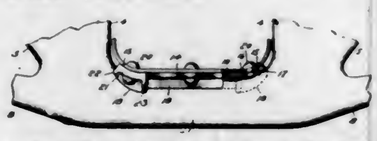
1. As an article of manufacture, a playing card comprising a paper or like base, and a coating for the same comprising a cellulose derivative and a gum.

1,623,036. TRUCK SIDE FRAME. GUSTAF A. ANDERSON, Baltimore, Md., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Oct. 17, 1922, Serial No. 595,099. Renewed Feb. 7, 1927. 45 Claims. (Cl. 105—205.)



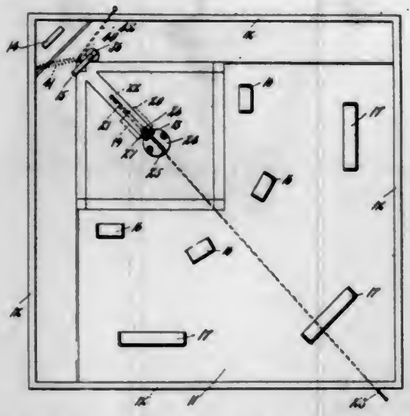
1. A car truck side frame involving a continuous sheet metal blank shaped to form spaced inner and outer side walls, each of said walls having inwardly projecting flanges forming bearing portions adapted to partially enclose portions of the journal box.

1,623,037. CAR-TRUCK SIDE FRAME. GUSTAF A. ANDERSON, Baltimore, Md., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Mar. 19, 1923. Serial No. 626,108. 57 Claims. (Cl. 105—205.)



1. A car truck side frame involving a sheet metal outer wall and a sheet metal inner wall spaced with relation thereto, each of said walls being formed with a bolster opening flanked by truck column portions of said walls, the said truck column portions of each wall being integrally connected at their lower ends by a portion of the corresponding wall, and said bolster openings at the respective junctions of their truck column portions with said connecting portions being in the form of a compound curve.

1,623,038. BASEBALL GAME APPARATUS. EDWIN V. BABBITT, Fairhaven, Mass. Filed Jan. 22, 1924. Serial No. 687,725. 18 Claims. (Cl. 273—89.)



1. In a baseball game apparatus, a mechanical pitcher piece adapted to be manipulated so as to throw a ball through the air, a mechanical batsman piece operable to strike at the ball so thrown, and a catcher piece having an opening through which the ball may pass and being so pivoted that it may be turned by a ball striking the piece at one side of such opening.

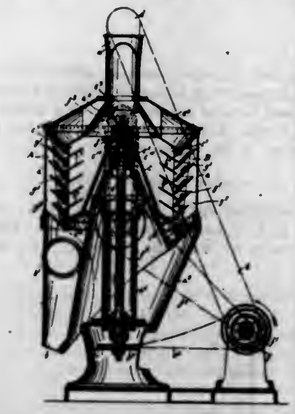
1,623,039. SAILOR TOY. EDWIN V. BABBITT, Fairhaven, Mass. Filed June 8, 1926. Serial No. 114,484. 7 Claims. (Cl. 46—45.)



1. A toy comprising a platform, running gear wholly supporting the platform and including a crank axle and traction wheels fixed thereto, a support rising from the platform, a body pivoted to said support with provision

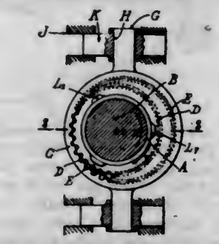
for lateral swinging motion, movable legs depending from the body, and connections between the axle crank, the body, and the legs, adapted to swing the body laterally and the legs fore and aft.

1,623,040. METHOD AND APPARATUS FOR GRADING SOLID MATERIALS. GEORGE RALPH BAKER and WILLIAM EDWARD PRESCOTT, London, and CHARLES WILFRED GILDERDALE, New Earswick, England, assignors to Rowntree and Company Limited, York, England. Filed Jan. 31, 1924, Serial No. 689,737, and in Great Britain Feb. 26, 1923. 16 Claims. (Cl. 209—139.)



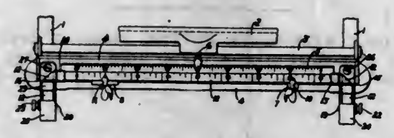
1. The method of grading particles of solid material by the use of a whirling current of air carrying said particles in suspension, which comprises maintaining said current continuously flowing radially inward from without said whirl, and simultaneously positively whirling said current so as to give to the particles in suspension a centrifugal force acting in a direction opposed to said inward flow of said current.

1,623,041. VALVE GEAR IN INTERNAL-COMBUSTION ENGINES. MARIUS JEAN-BAPTISTE BARBAROU, Paris, France. Filed Oct. 5, 1926, Serial No. 139,637, and in France Feb. 3, 1926. 7 Claims. (Cl. 123—55.)



5. In an internal combustion engine with radially arranged cylinders: a valve controlling cam mounted loose on the crank-shaft of the engine, an eccentric rotating with said crankshaft, a strap cooperating with said eccentric, means for operatively connecting said strap with said cam and whereby the latter is given a relative rotary motion with respect to said crankshaft, guiding plungers secured to said straps, bearings for said plungers and wherein the latter are adapted to move in a piston-like manner, a source of fluid, a delivery piping for said fluid, two hollow supports for each of said bearings and respectively connected with said source of fluid and with said delivery piping, each bearing being adapted to slide upon the respective supports in a direction at right angle with the direction of the alternating motion of the plunger within said bearing and means whereby the interior of each bearing is alternately connected with the interior of the corresponding two supports and said fluid is circulated from said source to said delivery piping.

1,623,042. TYPEWRITING MACHINE. BENJAMIN F. BARKER, El Paso, Tex., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 14, 1922. Serial No. 543,633. 2 Claims. (Cl. 197—194.)



1. A line-centering equipment for a typewriting machine having a traveling carriage and margin-stops to determine normal positions of said carriage for line-commencement and line-ending, including a stationary scale attached to the frame of the machine and having single letter-space gradations numerically indicated in descending order, a double letter-space scale having gradations numerically indicated in ascending order, said double letter-space scale comprising a tape extending in a single reach across said stationary scale, the graduated portion of said tape at least twice the length of the graduated portion of said stationary scale, said tape shiftable from end to end to align any gradation thereon with any gradation of said stationary scale, take-up spools for winding up opposite ends of said tape, brackets on the frame of the machine, said spools mounted on said brackets, and finger-pieces to alternately rotate said spools and draw the scale-bearing portion of said tape tautly back and forth across said single letter-space scale to align a gradation on said tape indicative of normal line-commencement with a single-space gradation on said stationary scale indicative of normal line-ending, said carriage having a pointer to designate the gradation on said tape determining the letter-space for commencing typing of the line to be centered.

1,623,043. VALVE-OPERATING MECHANISM. EVERETT BROWN, Hardy, Ky. Filed Oct. 16, 1925. Serial No. 62,792. 1 Claim. (Cl. 123—90.)



The combination with a valve stem of an internal combustion engine, a cam disposed beneath said stem, of a push rod interposed between the cam and the stem, said

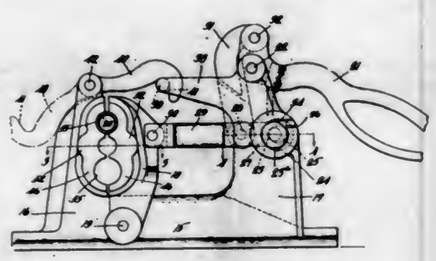
push rod comprising a slidably mounted sleeve, a rod slidably mounted within the sleeve, a reduced portion carried by the rod thereby forming a shoulder within the sleeve, a coiled spring surrounding the reduced portion of the sleeve, said coiled spring being interposed between the shoulder and the sleeve, the end convolutions of the coiled spring being disposed in annular channels of the push rod and sleeve, one end convolution contractably engaging in the annular groove of the push rod, the other end convolution expansively engaging in the annular groove of the sleeve, a bolt adjustably threaded into the upper end of the rod and engaging the valve stem and a lock nut carried by said bolt.

1,623,044. WIRE-CABLE CUTTER. JOHN E. BUTCHER and HOWARD B. HARRIS, Garber, Okla. Filed Apr. 29, 1926. Serial No. 105,422. 2 Claims. (Cl. 164—47.)



1. In a cutting device, the combination with an arcuate support having a rail portion and a jack adjustable longitudinally thereon, a cutter member engageable by said jack, and a two-part body portion removably mounted on the rail portion of said support, having a longitudinal slot to slidably receive said cutter member and a second slot extending from an edge of said body portion and terminating transversely through the first-mentioned slot to receive a length of cable therein.

1,623,045. PIPE VISE. HERBERT G. BUTT, Winthrop, Mass. Filed Sept. 16, 1925. Serial No. 56,630. 4 Claims. (Cl. 81—23.)



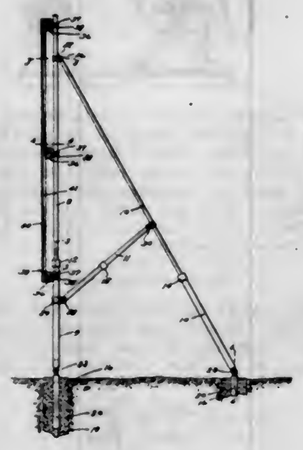
1. A pipe vise comprising a frame including a base and inner and outer spaced-apart standards projecting outward from the base, the outer standard constituting a fixed jaw; a movable jaw connected with the base and adapted to cooperate with the fixed jaw; and jaw-operating mechanism including a hand lever fulcrumed on the inner standard, and pressure-imparting means operable by a movement of the lever to press the movable jaw toward the fixed jaw; and coupling means connecting said standards to prevent injurious flexure of the base when the movable jaw is under pressure, said coupling means including a member carried by one of the standards and provided with an abutment, and a member carried by the other standard and provided with a complemental abutment which is pressed against the first-mentioned abutment by strain on the frame tending to flex the base.

1,623,046. RADIUS-ROD ATTACHMENT. GEORGE F. COLBY, Oklahoma City, Okla., assignor to American Specialty Co., Oklahoma City, Okla., a Corporation. Filed May 14, 1925. Serial No. 30,204. 3 Claims. (Cl. 267—66.)



1. A radius rod attaching means comprising a socket plate with a ball-receiving socket, a resilient rockable support for the ball in said socket, depending means on the socket engaged with said support and means for preventing displacement of the radius rod.

1,623,047. ADJUSTABLE FRAME FOR POSTER BOARDS. L. D. COOK, Minneapolis, Minn. Filed Nov. 10, 1924. Serial No. 748,989. 1 Claim. (Cl. 40—125.)

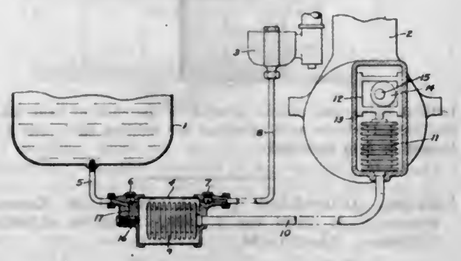


An adjustable frame for a poster board including a plurality of uprights and braces, struts connecting the uprights and braces and secured thereto for vertical adjustment, each upright, brace and strut comprising telescopically connected members, clamps connecting the members of each upright, brace and strut in different longitudinal adjustment, and anchors to which the lower members of the uprights and braces are hingedly secured for forward or backward tilting movement.

1,623,048. PROCESS OF FINISHING COLD-ROLLED STEEL. JUSTIN D. CROSBY, Pawtucket, R. I., assignor to J. D. Crosby Co., Pawtucket, R. I., a Corporation of New York. Filed May 4, 1922. Serial No. 558,532. 1 Claim. (Cl. 29—18.)

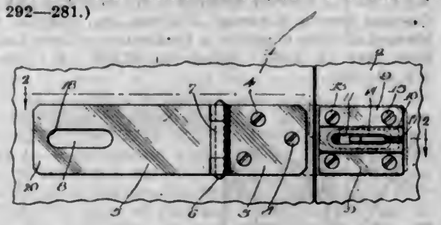
The method of imparting a high lustre or polish to steel strips which consists in reducing the steel to the requisite thickness and giving it a preparatory treatment of cleaning, drying and cold rolling with oiled rollers and thereafter annealing and then passing this clean and annealed strip with a light pass between dry, highly polished steel rollers which slightly reduce its thickness and impart a high lustre or polish.

1,623,049. FUEL-SUPPLY SYSTEM. FARNUM F. DORSEY, Rochester, N. Y., assignor to North East Electric Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 9, 1922, Serial No. 542,343. Renewed Sept. 25, 1926. 1 Claim. (Cl. 158—364.)



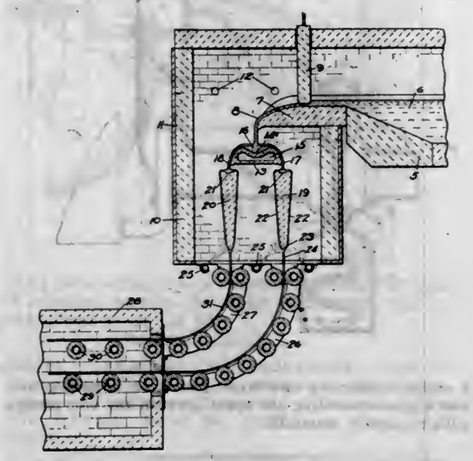
In a fuel-supply system, the combination, with an engine, a fuel-tank remote from the engine, and a fuel-feeding device adjacent the engine and higher than the fuel-tank, of a pump-chamber located adjacent and lower than the fuel-tank and communicating therewith; an elastically expansible impeller in the pump-chamber; an elastically expansible impeller adjacent the engine; means, actuated directly from the mechanism of the engine, for expanding and compressing the latter impeller; a fluid-conduit connecting the two impellers, and constituting, therewith, a hermetically sealed chamber; substantially incompressible liquid filling said chamber; a fuel-conduit extending from the pump-chamber to the fuel-feeding device; and valves controlling the flow of fuel through said conduit.

1,623,050. PADLOCK HASP DEVICE. PETER FRANTZ, Sterling, Ill., assignor to Frantz Manufacturing Company, Sterling, Ill., a Corporation of Illinois. Filed Dec. 11, 1924. Serial No. 755,163. 9 Claims. (Cl. 292—281.)



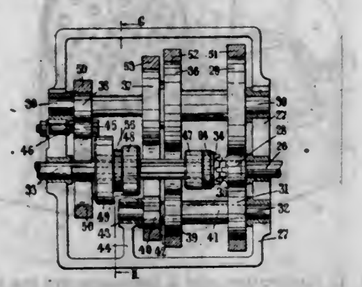
1. In a padlock and hasp device for doors or other closures, the combination of a swinging hasp, a movable latch member for engaging the hasp, having a portion forming a catch to hold the hasp in latching position, slidable back and forth in the opening of the hasp to latch and unlatch the door or other closure, the latch member thereby having an operative position and an inoperative position, said latch having an opening therein, and a padlock for insertion in said opening to hold the hasp in position to prevent the door or other closure from opening, when it is desired to lock the door in closed position, whereby the device is operative to latch the door or other closure in closed position when the padlock is not used.

1,623,051. MULTIPLE-SHEET-FLOWING APPARATUS. FRANK FRASER, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed May 16, 1925. Serial No. 30,690. 18 Claims. (Cl. 49—17.)



1. In sheet glass apparatus, means to create a downwardly moving flow of molten glass, and means to separate the flow to produce a plurality of sheets of glass.

1,623,052. MEANS FOR THE TRANSMISSION OF POWER. CHARLES GEORGE GARRARD, London, England. Filed Aug. 12, 1924. Serial No. 731,565. 22 Claims. (Cl. 74—26.)

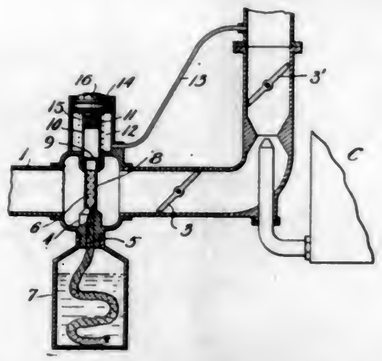


1. A means for transmission of power comprising a driving roller, a driven roller, an idler roller and a binding ring for exerting pressure on said rollers and transmitting rotary power from the driving roller to the driven roller, said binding ring being of less diameter than the sum of the diameters of the rollers it surrounds.

1,623,053. ART OF CONTROLLING COMBUSTION IN INTERNAL-COMBUSTION ENGINES. FRANK A. HOWARD and JAMES R. WRIGHT, Elizabeth, N. J., assignors to Standard Development Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 30, 1922. Serial No. 609,913. 13 Claims. (Cl. 123—127.)

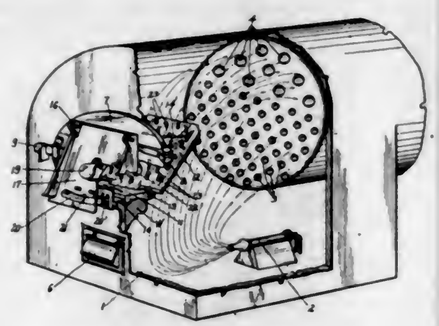
1. The combination with an air intake and manifold and carburetor of an internal combustion engine, of a wick tube and wick cage projecting into the air intake, a wick in said tube and cage, a container for liquid detachably connected to the lower end of the wick tube,

a sleeve slidable over the wick cage and closed at its upper end to form a piston, an outer sleeve slidable over the inner sleeve and having a piston on its upper end,



a spring supporting said latter piston, an adjusting nut, and a pipe connecting the space between the two pistons with the intake manifold.

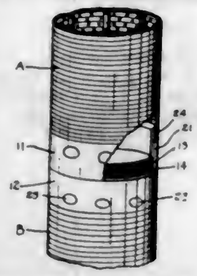
1,623,054. DRAFT CONTROL FOR LOCOMOTIVES. ALBERT JOHNSON, Los Angeles, Calif., assignor of one-fourth to L. V. Hughes and H. E. Hughes, Los Angeles, Calif. Filed July 28, 1926. Serial No. 125,345. 2 Claims. (Cl. 110—75.)



1. In combination with a locomotive fire box and boiler having boiler tubes opening into said fire box, an oil burner in said fire box below said boiler and discharging into said fire box, means for admitting air into said fire box for combustion with the products from said oil burner, a door into said fire box above said oil burner level, and an adjustable baffle member within said fire box inwardly from said door, said baffle member being positioned in an inclined manner from within the fire box, opposite said door, upwardly and inwardly toward the upper boiler tubes for the purpose of directing the products of combustion from said oil burner and said air admitting means into said upper boiler tubes.

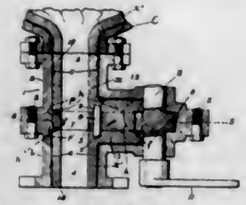
1,623,055. SCREEN COUPLING. EDWARD E. JOHNSON, St. Paul, Minn. Filed Dec. 31, 1923. Serial No. 683,604. 9 Claims. (Cl. 166—8.)

1. In combination with a tubular well screen having a plurality of longitudinal reinforcing rods a terminal having a ring like portion provided with a plurality of longitudinal holes adapted to receive the ends of said rods, openings thru the exterior surface of said ring like portions communicating with and terminating at said longi-



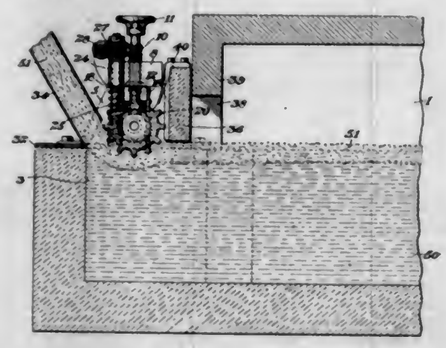
tudinal holes, and means secured to the ends of said rods and lodged within said openings for holding said rods attached to said terminal.

1,623,056. ACID-PROOF VALVE. JOHN J. W. KENAN, Orange, N. J. Filed Aug. 2, 1923. Serial No. 655,332. 2 Claims. (Cl. 251—84.)



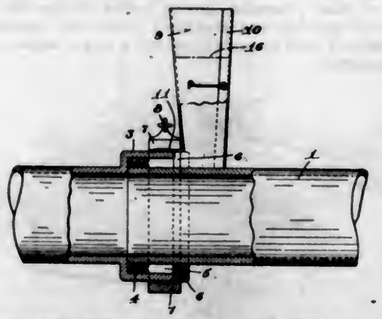
1. A valve comprising a body formed of two complemental sections having aligned passages and opposed sockets; a pivot pin held within said sockets; a gate journaled upon said pin and provided with a port adapted to be brought into and out of registry with said aligned passages to control the flow of fluid therethrough; casing means for holding said sections against relative movement without permitting fluid to come into contact with said casing-means; and means for oscillating said gate.

1,623,057. BATCH FEEDING TO GLASS TANKS. CHARLES BROWN KINGSLEY, Clairton, Pa., assignor to Mississippi Glass Company, a Corporation of New York. Filed May 14, 1925. Serial No. 30,148. 6 Claims. (Cl. 49—54.)



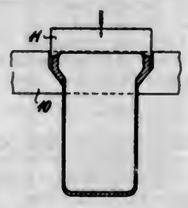
1. In combination with a glass melting tank means for the continuous feeding of mix to the tank and means for impelling the new mix into the body of molten glass already in the tank.

1,623,058. PIPE-JOINT FILLING SPOUT. LEMUEL E. KOLLOCK, Boston, Mass. Filed Dec. 15, 1925. Serial No. 75,583. 1 Claim. (Cl. 22—117.)



A sectional spout for use in filling pipe joints, comprising two separable sections of substantially the same contour and of a size adapted to interlock when in engagement, one of said sections having an arcuate lip adapted to snugly fit on the bell end of one pipe, the other section having one of its bottom edges formed arcuate for snug fitting upon the adjacent pipe, and fastening means on each side of each of said sections to hold said sections in firm interlocking engagement and permitting, when released, complete separation of said two sections.

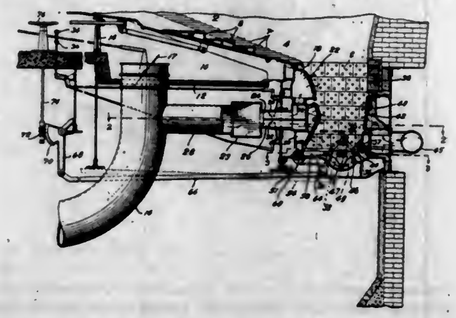
1,623,059. METHOD OF MANUFACTURING SEAMLESS WROUGHT-IRON ANNEALING BOXES. THEODOR LAMMINB, Cologne-Mulheim, Germany. Filed Oct. 25, 1924. Serial No. 745,886, and in Germany Nov. 2, 1923. 3 Claims. (Cl. 29—148.2.)



1. The method of manufacturing a seamless wrought-iron annealing box with an outwardly offset thickened and reinforced mouth portion of greater internal and external diameter than the body thereof, consisting in axially pressing a portion of a blank sheet of metal through a die so as to form a cup-shaped body and so as to leave a predetermined marginal portion of the blank undrawn, drawing out the drawn cup-shaped body by progressive stages so as to elongate while reducing in diameter and wall thickness such cup-shaped body, thereby leaving unimpaired about the mouth of the finished cup-shaped body a marginal portion of greater internal and external diameter than the body and of the original wall thickness of the sheet, and then by inward lateral compression diametrically contracting said marginal portion, without reduction of its wall thickness, from the diameter at which it is left at the cessation of the body-forming operation to a smaller diameter in which it remains of greater internal and external diameter than the drawn body.

1,623,060. AUTOMATIC STOKER. EDWIN LUNDGREN, Frederick, Md., assignor to Combustion Engineering Corporation, New York, N. Y., a Corporation of New York. Filed July 27, 1922. Serial No. 577,824. 4 Claims. (Cl. 110—44.)

1. A furnace having, in combination, an underfeed grate section, an overfeed grate section, at the rear of the underfeed grate section, an ash pit at the rear of the overfeed grate section, a clinker crushing roll located adjacent the lower end of the rear wall of the ash pit, and

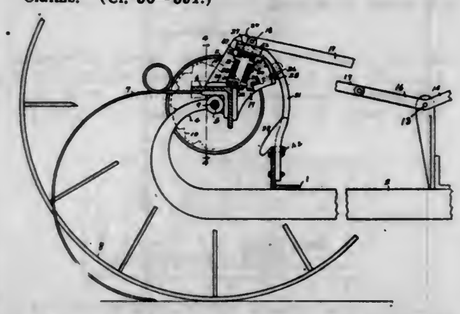


a dump grate arranged in a substantially horizontal plane and extending between the clinker crushing roll and the forward wall of the ash pit.

1,623,061. TREATING HYDROCARBONS. OTIS G. MESSENGER, Elizabeth, N. J., assignor to Standard Development Company, a Corporation of Delaware. Filed Jan. 6, 1921. Serial No. 435,512. 4 Claims. (Cl. 260—166.)

1. A process of making low boiling chlorhydrocarbons, which comprises vaporizing a gas oil, passing the vapors at low pressure through a cracking zone maintained at approximately 750° F., and introducing chlorine into the oil vapors in said cracking zone, the chlorine feed being gauged in view of the products sought.

1,623,062. HAYRAKE. WALTER F. MOTTIER, El Campo, Tex. Filed Oct. 2, 1923. Serial No. 666,055. 11 Claims. (Cl. 56—391.)

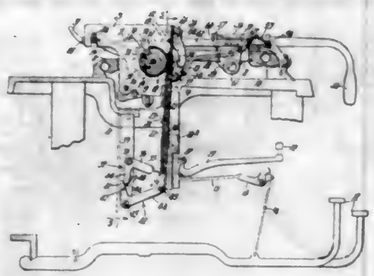


1. The combination with a self dump hay rake having a frame, ground wheels, a rake head, and means for locking the rake head to rotate with the wheels, of means for controlling the action of the locking means comprising a member having connection thereto and movably mounted on the rake head, means under the control of the operator for effecting an initial movement of said member whereby the locking connection is established between the rake head and the wheels, a securing device mounted on the rake head for positively securing said locking means in said locking position until the rake head has turned with the wheels through a predetermined distance.

1,623,063. TYPEWRITING MACHINE. GERALD H. MURPHY, Flushing, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 5, 1924. Serial No. 754,065. 13 Claims. (Cl. 197—151.)

1. The combination, in a typewriting machine, of a revoluble platen, a frame, arranged in front of the platen,

to reciprocate a stencil-card tangentially to the platen, a ribbon normally inoperative below the printing line, and



mechanism controlled by said frame to be operated by the movement thereof to position for typing a line on the top of the frame, for elevating the ribbon to the printing line.

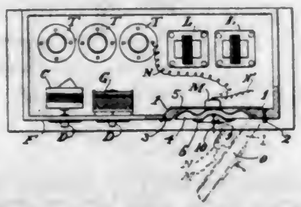
1,623,064. COUPLING AND METHOD OF MAKING THE SAME. JAMES W. NAPIER, McKeesport, Pa. Filed June 10, 1925. Serial No. 36,122. 10 Claims. (Cl. 29—156.)



1. The method of manufacturing a steel pipe coupling which comprises forming steel bar material of relative high sulphur content into a cylinder, flash welding the opposing ends of the said material, and threading the interior surface of the welded cylinder.

10. A cylindrical welded steel pipe-coupling blank ready for interior threading containing not substantially less than .065% of sulphur.

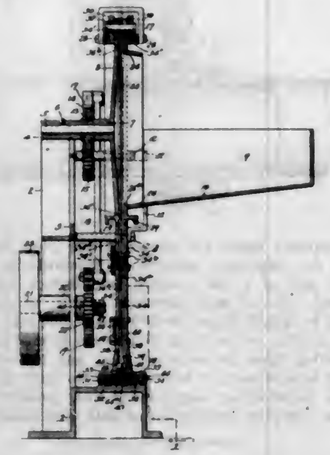
1,623,065. CABINET AMPLIFIER. HENRY B. NEWHALL, Plainfield, and HENRY W. PLEISTER, Westfield, N. J.; said Pleister assignor to said Newhall. Filed July 9, 1924. Serial No. 725,072. 7 Claims. (Cl. 179—179.)



6. In combination, a cabinet having a wall having a door opening therein spaced from the edges thereof, and a sound distributor fitting in said opening to form a door and hinged to one side edge of said opening and provided with a sound receiving opening in its rear face and a large sound outlet chamber opening through its front face; said distributor being adapted to carry a sound box mounted on said distributor and discharging sound into said rear opening; said distributor having relatively small front to rear dimensions.

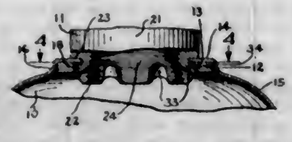
1,623,066. ARTICLE-FEEDING MECHANISM. ELOF NORDSTROM, East Orange, N. J., assignor, by mesne assignments, to Aluminum Seal Corporation, New York, N. Y., a Corporation of New York. Filed Oct. 25, 1924. Serial No. 745,862. 17 Claims. (Cl. 226—88.1.)

1. In a cap-feeding machine, the combination with a hopper, of a chute connected thereto, said chute being provided with spaced track bars adapted to engage the outer walls of caps arranged in either of two opposite presentations, means movable across the outlet end of said chute for receiving and arranging said caps according to their presentation, and means cooperating with said cap-receiving and arranging means for rearranging the caps of both presentations into a single series of like presentation.



3. In a machine of the character described, the combination with a hopper provided with an inclined bottom wall and an oscillatory end wall, of a circular flange spaced from said end wall and oscillatable therewith a chute for conveying articles from said hopper, oppositely disposed track bars within said chute, one of said track bars having an extension extending between said end wall and circular flange and conforming to the latter, and means for conveying articles from said chute.

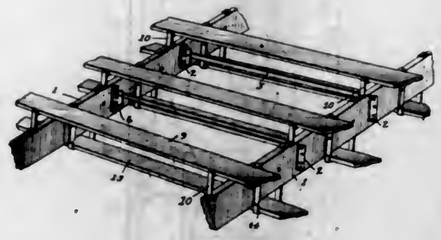
1,623,067. SOCKET CAP AND METHOD OF MAKING THE SAME. ERASTUS G. OAKLEY, Southport, Conn., assignor to Bridgeport Brass Company, Bridgeport, Conn. Filed July 21, 1922. Serial No. 576,490. 5 Claims. (Cl. 29—155.5.)



1. A socket cap shell having an opening and a flange extending axially of the opening, a washer encircling the flange and provided upon its inner periphery with notches having shoulders at each end thereof and a flanged hub having the flange thereof inserted into the opening, the cap flange and hub flange being pressed outwardly and upwardly into the notches of the washer between the shoulders to effect an interlocking engagement of the parts.

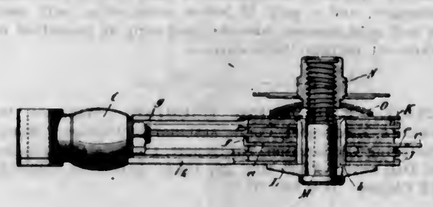
4. The method of making a socket cap which comprises forming a cap body with an opening and an axially extending flange, inserting within the opening the flange of a flanged hub member, placing back of the body flang a washer having on its inner periphery notches with sharply defined end faces forming shoulders and displacing the metal of the flanges upwardly and outwardly into the notches to form an intimate connection between the parts.

1,623,068. PORTABLE BLEACHER. HENRY D. OBERDORFER, Champaign, Ill. Filed Aug. 1, 1923. Serial No. 654,970. 4 Claims. (Cl. 304—1.)



1. In portable bleachers, the combination with a pair of stringers supported at intervals, of means for locking them spaced apart in upright parallel position, seat and foot boards therefor, and a plurality of supports and hangers each attachable at the upper edges of the stringers for supporting the seat and foot boards respectively.

1,623,069. DEVICE FOR DETERMINING PRESSURE IN VEHICLE SHOCK ABSORBERS. CARLO PINTACUDA and UGO FRILLI, Florence, Italy. Filed Mar. 26, 1924, Serial No. 702,083, and in Italy Oct. 20, 1923. 5 Claims. (Cl. 73—51.)

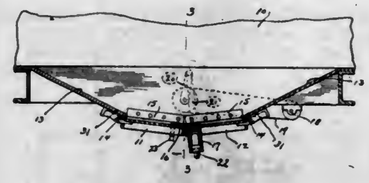


1. A device for use in testing the resistance to relative turning movement of frictional packings in vehicle shock absorbers of the character described comprising an element in frictional contact with the said packing, and means for facilitating the turning of the said element in contact with the said packing and independently of the arms of the shock absorber.

1,623,070. PROCESS FOR REMOVING SULPHUR DIOXIDE AND COMPOUNDS FROM FOOD PRODUCTS. LUDWIG ROSENSTEIN, San Francisco, Calif. Filed Mar. 18, 1926. Serial No. 95,799. 9 Claims. (Cl. 99—11.)

5. The process of removing undesirable sulphur compounds from dried fruit which comprises subjecting the fruit to the action of hydrogen peroxide in aqueous solution by dipping the fruit therein for a brief space of time and permitting subsequent action on the fruit of the liquid adhering thereto, the active chemical in the amount of liquid adhering to the fruit being so proportioned as to react with the quantity of sulphur compound it is desired to remove from the fruit.

1,623,071. HOPPER FREIGHT CAR. JAMES A. SHAFER, Buffalo, N. Y. Filed July 10, 1925. Serial No. 42,628. 1 Claim. (Cl. 105—253.)



A hopper freight car, comprising doors pivotally carried at the bottom of the hopper, a door beam carried by one only of the doors, one of the doors being provided with means overlapping the other door when in their closed positions, and means for operating one only of the doors.

1,623,072. NIGHT GOWN. BEULAH G. SPILSBURY, Minneapolis, Minn., assignor to The Munsingwear Corporation, Minneapolis, Minn., a Corporation of Minnesota. Filed July 26, 1926. Serial No. 125,062. 4 Claims. (Cl. 2—73.)

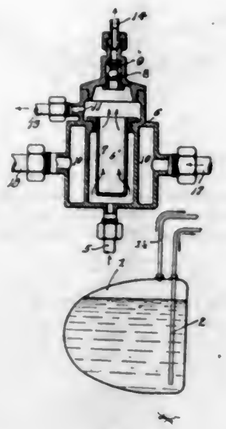


1. A lady's garment having shoulder bands and arm holes, gores being removed from the front of the garment on each side to provide substantially V-shaped notches extending inwardly and upwardly from the front edges of the arm holes, the upper edges of said notches being shorter than their lower edge whereby when the edges of the notches are drawn together and shirred or pleated, the desired fullness for the bust portion of the garment will be obtained with a corresponding shortening of the front edge of the arm holes, to maintain an even edge at the bottom of the garment and prevent sagging.

1,623,073. BOX TOE. CHARLES E. SWETT, Boston, Mass., assignor to Harry H. Beckwith, Brookline, Mass. Filed Dec. 1, 1922, Serial No. 604,415. Renewed Aug. 30, 1926. 5 Claims. (Cl. 91—68.)

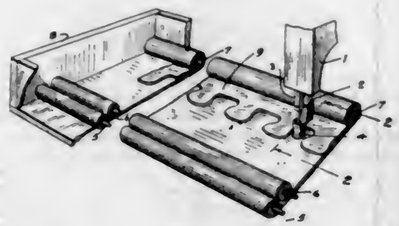
1. A shoe stiffener comprising a fibrous foundation having a thermo-plastic compound incorporated therein, said thermo-plastic compound comprising one or more acid resins, a resin soap, a wax and a drying oil.

1,623,074. FUEL-SUPPLY MEANS FOR HEAVY-OIL ENGINES. EUGÈNE HENRI TARTRAIS, Maisons-Laffitte, France. Filed Mar. 7, 1924, Serial No. 697,515, and in France Mar. 14, 1923. 2 Claims. (Cl. 123—122.)



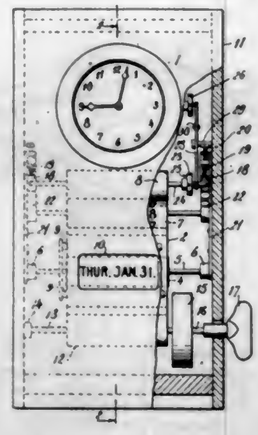
1. In combination with the fuel pump of a liquid fuel internal combustion engine, a heated receptacle through which the fuel is caused to flow from bottom to top and according to a substantially straight path, the inlet pipe of said pump opening laterally into said receptacle and at the upper part thereof, and means for returning the surplus of fuel and the bubbles which are formed within said liquid fuel from the top of said receptacle to the fuel feed tank.

1,623,075. PRESSER FOOT. CHESTER L. THOMAS, Denver, Colo. Filed June 30, 1924, Serial No. 723,354. Renewed Feb. 18, 1927. 1 Claim. (Cl. 112—2.)



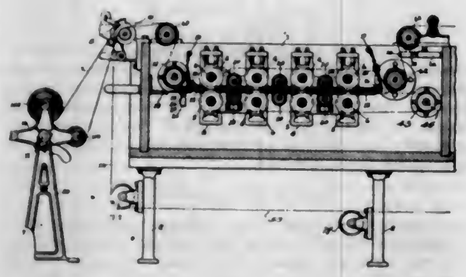
In a sewing machine adapted for use in quilting, a guide adapted to be laid on any material that is to be sewed, a presser foot adapted to be used in connection with said machine and guide, said presser foot having a body portion whose outer surface is cylindrical from the bottom upwardly for a distance greater than the thickness of the guide whereby every part of the outer surface thereof is adapted to contact with the guide.

1,623,076. COMBINATION CLOCK AND CALENDAR. GLENVILLE S. TREMAINE, Westfield, N. J. Filed July 23, 1924. Serial No. 727,065. 4 Claims. (Cl. 58—6.)



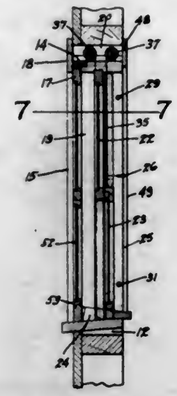
1. In a calendar clock having a calendar strip, a spool adapted to have said strip wound thereon, means for advancing said strip, a guide roller for said strip, a friction roller adapted to press said strip against said guide roller; a member normally fixed with respect to one of said rollers, and having a stop thereon, a continuously operating mechanism, a cam operated by said mechanism, and a pair of levers cooperating with said cam and said member whereby said strip is permitted to advance at certain times only.

1,623,077. LAUNDERING MACHINE. WILLIAM W. TRINKS, Bridgeport, Conn., assignor to Pullman Manufacturing Corporation, Bridgeport, Conn., a Corporation of Delaware. Filed Mar. 29, 1924. Serial No. 702,985. 13 Claims. (Cl. 68—37.)



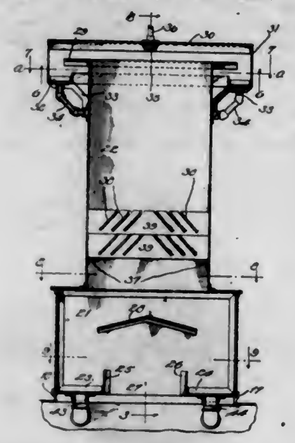
1. In a machine of the class described, a washing tank, scrubbing brushes therein, a towel connecting bar, carrier belts having means loosely connecting with said bar and movable in a path to carry the latter and connected towel through the tank and in operative relation to the brushes therein, and means for engaging the said towel bar in its passage through the tank and maintaining its connection with the carrier belts.

1,623,078. WINDOW STRUCTURE. GEORGE M. WALKUP, Minneapolis, Minn. Filed May 24, 1926. Serial No. 111,286. 8 Claims. (Cl. 20—45.)



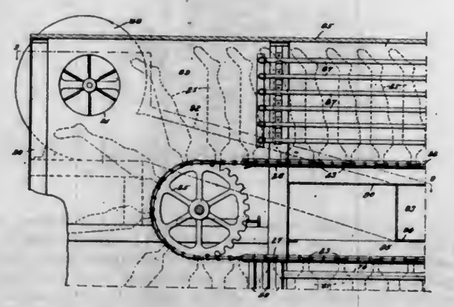
1. The combination with a window structure comprising a frame adapted to be secured in a wall opening and adapted to have a sash mounted therein, of an inwardly facing seat in said frame adapted to demountably receive a storm sash from the interior of said frame.

1,623,079. WASH VENT FOR ASH-CONVEYER SYSTEMS. CARL F. ZIMMERMANN, Chicago, Ill., assignor to Conveyors Corporation of America, Chicago, Ill., a Corporation of New York. Filed Jan. 3, 1922. Serial No. 526,576. 4 Claims. (Cl. 261—111.)



1. In combination, a baffle plate grid comprising a first series of plates with their lengths extending in the plane of the grid and with their widths extending in spaced parallel planes at right angles to the plane of the grid, each of said plates having inclined slots cut along one edge of and sloping away from the center of the plate, a second series of plates extending cross-wise of said first series, each of said second series having slots cut along one edge of the plate, the slots of said second series engaging with the slots of said first series, each of said second series of plates being proportioned so that one longitudinal edge thereof terminates short of the adjacent edges of the first series of plates, and a second baffle plate grid disposed in a plane parallel with said first baffle plate grid and substantially contacting therewith, the termination of the longitudinal edges of said inclined plates affording a plurality of transverse passageways between said first and second grids.

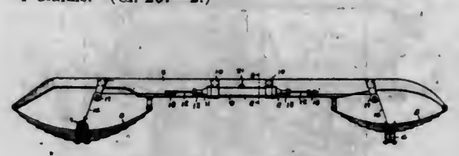
1,623,080. METHOD OF AND APPARATUS FOR FINISHING KNITTED ARTICLES. EDWARD J. ZIOCK, Rockford, Ill. Filed May 7, 1924. Serial No. 711,565. 35 Claims. (Cl. 8—19.)



1. The method of finishing stockings consisting in boarding the stockings, moving the boarded stockings on an endless continuously traveling carrier, subjecting the boarded stockings at progressive stages of their travel on the carrier to different processing operations in which solutions are applied to the stockings, applying said solutions by spraying devices from opposite sides of the stockings with predetermined time intervals intervening between the spraying operations, and passing the boarded stockings on said carrier through a drying compartment.

2. The method of dyeing stockings consisting in boarding a stocking on a shaped form, and delivering a uniform spray of dye solution over the entire area of the stocking.

1,623,081. SHOCK ABSORBER. LEWIS W. AMENDE, Casper, Wyo. Filed June 18, 1925. Serial No. 38,094. 4 Claims. (Cl. 267—2.)

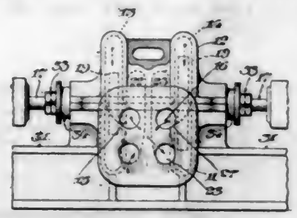


1. A shock absorber comprising a cylinder, rods slidably projecting through packing at the ends of the cylinder, a tension spring connecting the inner ends of the rods within the cylinder, means rigidly securing the cylinder to the frame of a vehicle between the axles thereof, means to operatively connect the outer ends of the rods respectively to the front and rear axles of the vehicle whereby separating movement between the axles and the vehicle frame will cause an outward pull upon the rods, and means for facilitating introduction of oil into the cylinder.

1,623,082. CENTRIFUGAL PUMP. CHARLES F. AMES, Brooklyn, N. Y., assignor of one-fifth to Alphonse H. E. Berchem and one-fifth to Harry S. Schanck, New York, N. Y. Filed Oct. 22, 1925. Serial No. 64,085. 3 Claims. (Cl. 103—107.)

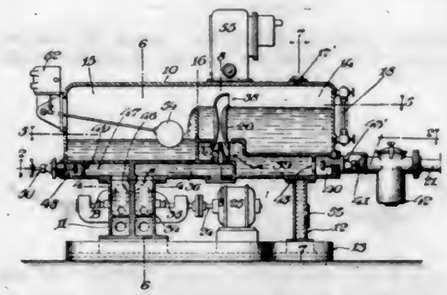
1. A centrifugal pump comprising a two-part casing having a plurality of volute chambers therein in spaced relation, central inlet ports for said chambers, outlets

from said chambers, impellers mounted in said chambers on a common axis of rotation and having their eyes in register with said ports, and supply conduits arranged between and leading respectively to the said inlet ports, said supply conduits and outlets opening through the casing adjacent to each other and adapted to have a coupling head secured thereto.



2. A centrifugal pump comprising a casing having a plurality of volute chambers therein in spaced relation, central inlet ports for said chambers, outlets from said chambers, impellers rotatably mounted in said chambers and having their eyes in register with said ports, supply conduits arranged between and leading respectively to the said inlet ports, and a head secured to the casing having a cross-over connection between the outlet of one chamber and the supply conduit of another chamber, an inlet port and an outlet port communicating with the other supply conduit and the other outlet.

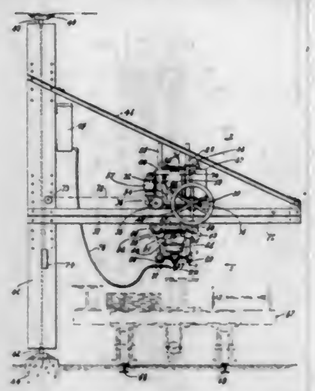
1,623,083. VACUUM-PRODUCING APPARATUS. CHARLES F. AMES, Brooklyn, N. Y., assignor of one-fifth to Alphonse H. E. Berchem and one-fifth to Harry S. Schanck, New York, N. Y. Filed Oct. 22, 1925. Serial No. 64,086. 7 Claims. (Cl. 103—6.)



1. A vacuum producing apparatus comprising primary and secondary chambers in free communication with each other at a predetermined level, two centrifugal pump elements below the level of the chambers, inlet and outlet water circulation connections between one of said pump elements and the primary chamber, said connections including an ejector leading to the upper part of the chamber, an exhaust connection in communication with the ejector, and discharge connections between the other pump element and the secondary chamber.

1,623,084. DRILLING APPARATUS. MILO A. BAKER, Los Angeles, Calif. Filed Oct. 8, 1925. Serial No. 61,205. 14 Claims. (Cl. 77—27.)

1. A drilling apparatus comprising spaced rails, a pair of wheels on each rail, a cylinder mounted on the wheels, a plunger in the cylinder, an electrically operated drill connected with the plunger, means to admit an operating



fluid to the cylinder and an electrically operated pump mounted on the cylinder operable to impart pressure to the operating fluid.

1,623,085. MANUFACTURE OF SHAPED ARTICLES OF CASEIN. AMANDUS BARTELS and OTTO MIECH, Harburg-on-the-Elbe, Germany. Filed Mar. 24, 1926, Serial No. 97,141, and in Germany May 15, 1923. 5 Claims. (Cl. 18—47.5.)

1. A method of manufacturing shaped articles from artificial horn made from casein, consisting in producing from non-hardened casein material separate pieces corresponding in size and shape to the desired product, with such material containing approximately between 7 and 17% of water, rapidly softening such pieces by the action of heat, treating such pieces to give them their final form, and finally hardening and drying the pieces.

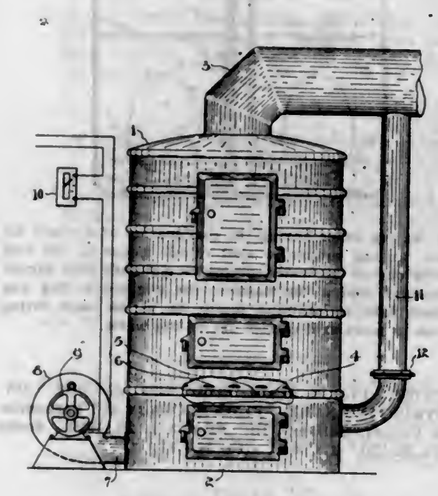
1,623,086. ILLUMINATED ORNAMENTAL DEVICE. RICHARD W. BOCK, River Forest, Ill. Filed Sept. 2, 1925. Serial No. 54,044. 2 Claims. (Cl. 240—10.)



1. A decorative object of opaque material having a hollow interior and having outer surfaces of irregular shape forming hollows and recesses therein and projections thereupon extending outwardly adjacent to the respective recesses and cooperating to define the recesses, the walls of the object having openings therethrough leading to the hollow interior, said openings being located in such hollows and recesses respectively, a source of light within the hollow interior, and means for supporting the object in its normal position, the arrangement of said

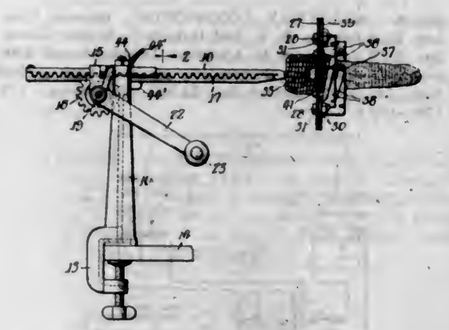
openings being such that the glow from the hollow interior is diffused by the walls defining the openings respectively and by outer surfaces of the projections adjacent thereto to produce a glowing area at and about the openings.

1,623,087. FURNACE. ALEXANDER GRAHAM BOYD, Toronto, Ontario, Canada. Filed May 22, 1926. Serial No. 110,958. 4 Claims. (Cl. 110—69.)



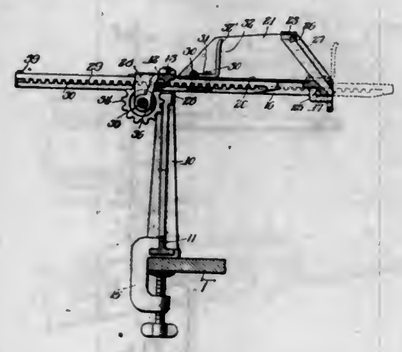
1. The combination with a furnace provided with a closed ash pit, of means for supplying air under pressure to the ash pit; a relief pipe leading from the ash pit; and a valve in said relief pipe adapted to close when air pressure exists in the ash pit and to open when the air pressure in the ash pit falls to a point at or near atmospheric pressure.

1,623,088. MACHINE FOR CUTTING GREEN CORN FROM THE COB. FRANK W. BURPEE, Chicago, Ill., assignor to Burpee Can Sealer Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 8, 1926. Serial No. 93,003. 7 Claims. (Cl. 130—9.)



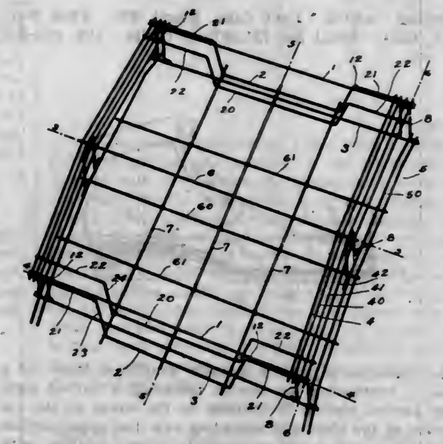
1. In a machine for cutting green corn from the cob, the combination of a stationary annular frame member, a circular group of levers pivoted on said frame member, a cutting blade on one arm of each lever, a gear segment on another arm of each lever, a ring encircling said group of levers and formed with internal gear segments in mesh with said lever gear segments and wholly supported by the latter, means for confining said ring against lateral movement away from said frame member, and spring means urging said ring in a direction to swing said cutter blades toward the axis of said frame member.

1,623,089. GREEN-VEGETABLE CUTTER. FRANK W. BURPEE, Chicago, Ill., assignor to Burpee Can Sealer Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 31, 1926. Serial No. 98,754. 8 Claims. (Cl. 146—170.)



1. In a machine for comminuting vegetables, the combination of a support, a stock receptacle mounted on said support formed with side walls and an open front end, a group of downwardly and forwardly inclined spaced cutter blades mounted across the open front end of said receptacle, a pusher, and means for reciprocating said pusher through said receptacle.

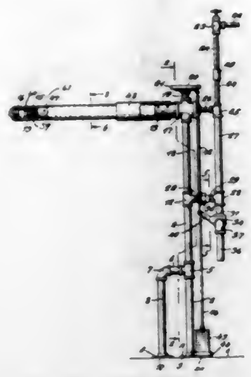
1,623,090. REENFORCED-CONCRETE PAVING. GEORGE D. BURR, Seattle, Wash. Filed Aug. 31, 1925. Serial No. 53,542. 6 Claims. (Cl. 94—8.)



6. A reenforcing element for concrete paving slabs comprising a longitudinal bar adapted in the main to lie in the lower portion of the side edge of the slab, the ends of

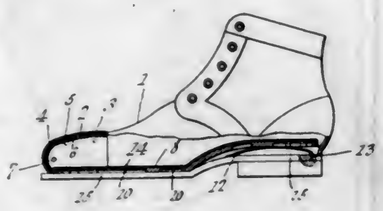
said bar being bent upwardly and extending to the ends of the slab, and adapted to lie in the upper portion of the side edge thereof, a second longitudinal bar extending between the end portions of said first bar, to lie in the upper portion of the slab edge, and means for securing together the ends of said bars.

1,623,091. DRY-STEAM SLEEVE-FINISHING BOARD. WALLACE W. CAMPBELL, Denver, Colo. Filed July 30, 1926. Serial No. 125,926. 4 Claims. (Cl. 68—9.)



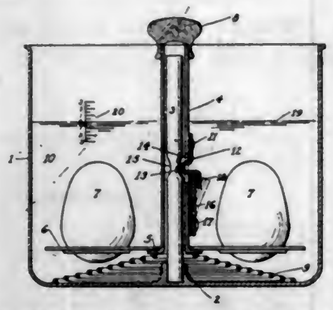
1. In a sleeve steaming board having a perforated, tubular arm, means for supporting said arm in a horizontal position, one end of said arm being closed, and means for connecting the other end of the arm with a source of steam under pressure and with an exhaust pipe, the combination with said exhaust pipe of a valve having means comprising a spring for holding it in closed position and means comprising a pedal for moving it to open position when pressure is applied to the pedal.

1,623,092. SHOE. PAUL CARR, Miami, Fla. Filed Nov. 21, 1924. Serial No. 751,337. 1 Claim. (Cl. 36—3.)



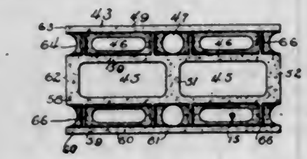
In combination with a movable ventilator insole of a shoe, a ventilating toe section including a curved rigid body portion curved to conform to the shape of the toe portion of the shoe, ribs extending over the upper surface of the toe section and arranged in spaced relation with each other, said ribs contacting with the inner surface of the toe of the shoe to provide air passageways therebetween so that movement of the insole will force air through the passage ways and over the toe section.

1,623,093. AUTOMATIC EGG BOILER. PHILIP P. CHAPIN and WILLIAM J. KUPEC, New York, N. Y., assignors of one-third to Dominick Castaguaro, New York, N. Y. Filed June 28, 1926. Serial No. 119,096. 5 Claims. (Cl. 53—1.)



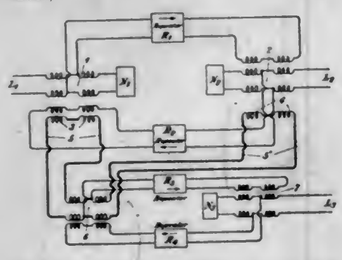
2. An egg boiler having the combination of a vessel for water, an egg carrier in said vessel, means to lift said carrier out of the water, means to maintain said carrier submerged, and a thermostatic bar adapted to flex and actuate said maintaining means to permit said lifting means to move said carrier out of the water.

1,623,094. BLOCK WALL AND METHOD FOR CONSTRUCTING SAME. FLOYD S. COOLEY and FREDERICK A. COOLEY, McHenry, Ill. Filed Aug. 26, 1925. Serial No. 52,570. 1 Claim. (Cl. 72—41.)



A building block formed to provide an air space to minimize the weight thereof, a row of vertical apertures near one face of the block for the purpose of receiving a filler, and a longitudinally extending groove connecting said vertical apertures, said longitudinally extending groove being bridged by cross walls of less height than the depth of the groove.

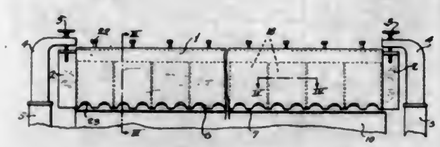
1,623,095. MULTIWAY CONNECTION. GEORGE CHRISSON, East Orange, N. J., and HAROLD C. SILENT, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Nov. 24, 1925. Serial No. 71,233. 5 Claims. (Cl. 179—170.)



1. A circuit for establishing a multi-way telephone connection between a plurality of lines comprising two line sections interconnected by a repeater set, said repeater

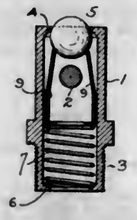
set comprising two one-way repeater circuits having their terminals connected to hybrid coils, a third line section connected to a second repeater set, said second repeater set comprising two one-way repeater circuits having their terminals connected to hybrid coils, and a loop circuit associated with the windings of both of the hybrid coils of said first repeater set and having included serially therein windings of one of the hybrid coils of said second repeater set.

1,623,096. SLICE FOR PAPER MACHINES. DAVID B. DAVIES and COMMADORE J. THOMAS, Green Bay, Wis. Filed Oct. 24, 1925. Serial No. 64,565. 6 Claims. (Cl. 92—44.)



1. A slice for paper machines having unobstructed orifices along its lower edge whereby streams of stock of unequal depth are allowed to flow thereunder onto the wire in the direction of said wire.

1,623,097. FITTING FOR QUICK-DETACHABLE COUPLINGS. GEORGE W. DE LOACHE, Dayton, Ohio, assignor to The Larkin Automotive Parts Company, Dayton, Ohio, a Corporation of Ohio. Filed Aug. 9, 1926. Serial No. 128,164. 5 Claims. (Cl. 184—105.)



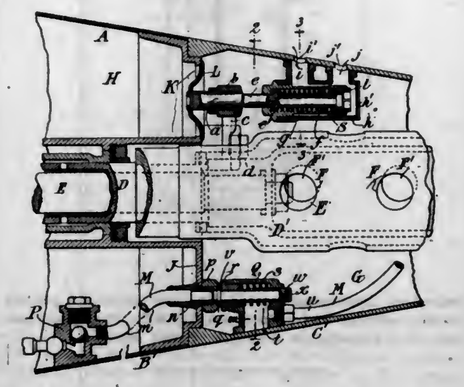
1. In a valved coupling element of the character described, a tubular member, a valve seat formed at one end thereof, a transverse coupling pin extending through said tubular member and protruding on opposite sides thereof, a closure member located at one side of said pin for engagement with the valve seat, an actuating spring located within the tubular member on the opposite side of the transverse pin, and spacer means intermediate the closure member and spring and extending past the pin to transmit the pressure and movement of one of said members to the other.

1,623,098. CONTACT BLOCK FOR ELECTRIC ORGANS AND THE LIKE. CHARLES N. DEVERALL, Buffalo, N. Y., assignor to Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N. Y., a Corporation of New York. Filed May 17, 1922. Serial No. 561,622. 3 Claims. (Cl. 200—166.)



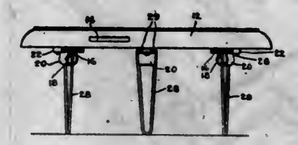
3. As an article of manufacture, a sectional contact-block, comprising a front section provided with a reduced overhanging rearward extension, a rear section secured to the underside of said reduced extension and having its bottom substantially flush with that of the front section, and a flexible contact-member secured at one end to said front section and fulcrumed upon the rear section at a point beyond the attachment of said member to the front section.

1,623,099. AUTOMOBILE TORPEDO. WILLIAM DIETER, Newark, N. J. Filed Jan. 28, 1926. Serial No. 84,318. 19 Claims. (Cl. 114—20.)



1. In an automobile torpedo having a transverse bulkhead with an exhaust opening through it, an exhaust valve to close said opening, and a spring carried by the tail section and located on the aft side of said bulkhead to close said valve.

1,623,100. SLICING BOARD. FRANCIS M. DOLAN, St. Paul, Minn. Filed Feb. 5, 1925. Serial No. 7,045. 1 Claim. (Cl. 45—11.)

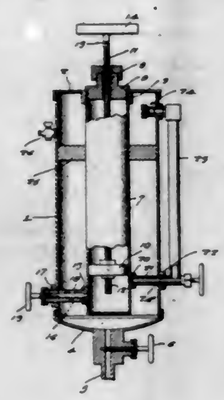


A slicing board comprising a flat piece of wood, a plurality of projections secured to the underside thereof, each of said projections consisting of a metal member bent downwardly to provide a rounded recess, a bow-shaped metal member having its ends engaging the ends of said first member and having inclined sides terminating in stops and a third metal member extending over said first member with its ends bent over the ends thereof and extending under the ends of said bow-shaped member, screws passing through the overlapping ends of said three members, and V-shaped legs of springy material having upper bent ends pivotally mounted in said rounded recesses, the branches of said legs yieldingly engaging said inclined sides.

1,623,101. LUBRICANT PUMP. OLIVER WENDELL FISHER, Baton Rouge, La. Filed Mar. 17, 1926. Serial No. 95,322. 2 Claims. (Cl. 221—47.1.)

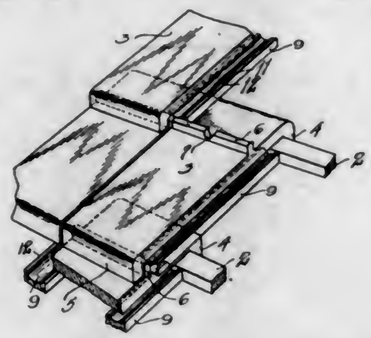
1. In a device of the class described, a casing having a valve discharge at one end, an air pump carried by and extending into the interior of the casing, said pump in-

cluding a cylinder fixedly connected to said casing and a plunger slidable in the cylinder, a follower slidably mounted in said casing and upon said cylinder, and a



valved air passage connected with the inner end portion of the cylinder and communicating with the upper portion of the casing on one side of said follower.

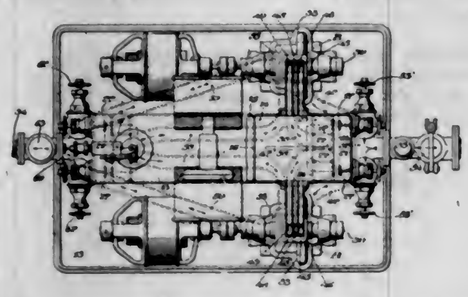
1,623,102. ROOF CONSTRUCTION. ARTHUR B. FORSBERG, Spokane, Wash. Filed Oct. 17, 1925. Serial No. 63,044. 1 Claim. (Cl. 108—10.)



A roof structure comprising spaced horizontal cleats, overlapping courses of shingles with hooks on their upper ends engaging over said cleats, alined exterior cross ribs on the overlapped outer faces of said shingles having notches therein, gutter-sections below the joints of the shingles alined with said joints and resting on their lower ends on the upper portions of overlapped shingles, and alined weather flanges on the lower overlapping ends of the shingles engaging over said cross ribs.

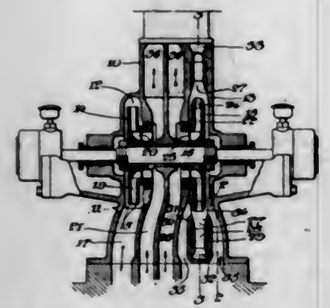
1,623,103. VACUUM-PRODUCING APPARATUS. RHEUEL H. FREDERICK, Irvington, N. J., assignor of two-fifths to Charles F. Ames, Brooklyn, N. Y., and one-fifth to Alphonse H. E. Berchem, New York, N. Y. Filed June 2, 1926. Serial No. 113,308. 10 Claims. (Cl. 103—6.)

1. In a vacuum producing apparatus for steam heating systems, the combination with a receiver for motive liquid and condensate, of a pump element including an impeller chamber, a rotary vacuum impeller therein having a central inlet and a continuous circumferential discharge venturi, a connection affording communication between the receiver and the central inlet, an annular chamber encircling the venturi and spaced therefrom, whereby a diverging annular stream of liquid is forcibly discharged



into the said chamber and against the walls thereof, thus producing an ejector effect and a water seal, a vacuum space within which the venturi rotates, said space being in operative communication with the annular chamber and the return line of the steam heating system, and a discharge connection between the said chamber and the upper part of the receiver.

1,623,104. CENTRIFUGAL PUMP. RHEUEL H. FREDERICK, Irvington, N. J., assignor of two-fifths to Charles F. Ames, Brooklyn, N. Y., and one-fifth to Alphonse H. E. Berchem, New York, N. Y. Filed June 2, 1926. Serial No. 113,309. 8 Claims. (Cl. 230—14.)

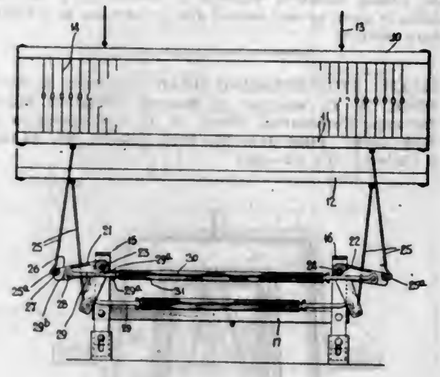


1. A pump comprising a casing, an impeller chamber therein, a centrifugal impeller mounted to rotate in said chamber and having a central fluid inlet and a circumferential Venturi nozzle, a chamber spaced from and encircling said nozzle and adapted to receive a diverging annulus of fluid ejected from the nozzle, a vacuum chamber in operative communication with the venturi and the encircling chamber, and a discharge chamber encircling the latter chamber.

1,623,105. TENSION DEVICE FOR THE HARNESS OF LOOMS. JOACHIM GIARDINO, West New York, N. J. Filed Apr. 21, 1926. Serial No. 103,479. 6 Claims. (Cl. 139—89.)

1. A tension device for the harness shafts of looms comprising a coil spring, means interposed between the

end of the spring and adjacent end portions of a shaft of the harness for applying tension to said shaft, said means involving pivoted levers arranged in spaced and opposed relation, said levers being of channel formation



in cross section, the side walls of the channel projecting at the outer ends of the lever, pins mounted in and traversing the space between said side walls, and connecting rods mounted on the outermost pins of said levers coupled with said shaft.

1,623,106. HORN. SAMUEL GOLDBERG, New York, N. Y. Filed Feb. 16, 1926. Serial No. 88,524. 1 Claim. (Cl. 46—46.)



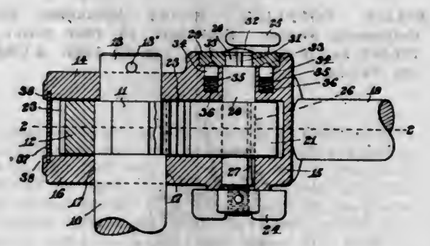
A horn comprising an inwardly tapering main body provided at its inner end with a sounding reed, and an elongated continuously inwardly tapering integral mouthpiece enclosing the reed to define a reed chamber and having its small end secured to the main body, the large end of the mouthpiece being remotely disposed with respect to the point of attachment of the mouthpiece to the main body and being spaced a substantial distance from the reed and having an integral continuously rounded top portion terminating in an integral inturned cylindrical flange extending into the reed chamber.

1,623,107. GASOLINE RECEPTACLE. ALBERT M. GOODYKOONTZ, Harlingen, Tex. Filed Sept. 18, 1926. Serial No. 136,810. 6 Claims. (Cl. 221—1.)



1. A collapsible receptacle of flexible material comprising a body with side walls terminating at their upper ends in apertured handle portions and accordion pleat edge walls of a less height than the side walls, a foldable bottom, a foldable top covering a portion of the upper end of the body, and a spout carried by said foldable top.

1,623,108. OPERATING MECHANISM FOR LIFTING JACKS. FRANK L. GORMLEY, Brookline, Mass., assignor to The Buda Company, Harvey, Ill., a Corporation of Illinois. Filed Aug. 10, 1925. Serial No. 49,268. 18 Claims. (Cl. 192—43.1.)

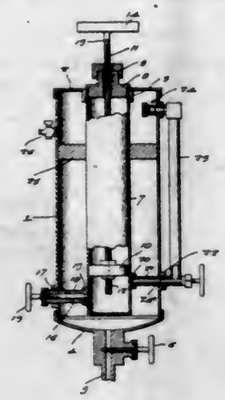


1. The combination of a driving shaft; a ratchet secured thereto having V-shaped teeth; a casing movable about the axis of said shaft; a pawl wholly enclosed within said casing having a plurality of V-shaped teeth in a curved plane and all adapted to fit the teeth of said ratchet; a pin mounted in the walls of said casing to which said pawl is keyed; and means on the outer end of said pin whereby said pin may be oscillated.

1,623,109. FLUSHING-VALVE MECHANISM. PHILIP HAAS, Dayton, Ohio. Filed June 9, 1925. Serial No. 35,873. 3 Claims. (Cl. 4—67.)

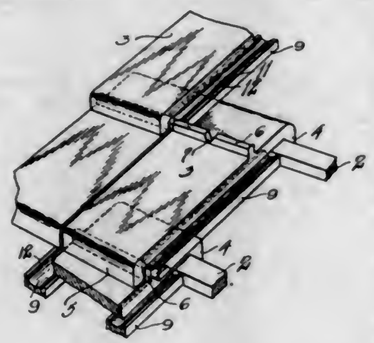
1. In flushing valve mechanism, the combination with a tank provided with a flushing outlet and valve seat, and a vertical overflow pipe adjacent thereto, a valve engaging said seat and provided with a guiding stem, and a guide for said stem, of a bell crank lever pivotedly supported adjacent to the upper end of the overflow pipe

cluding a cylinder fixedly connected to said casing and a plunger slidable in the cylinder, a follower slidably mounted in said casing and upon said cylinder, and a



valved air passage connected with the inner end portion of the cylinder and communicating with the upper portion of the casing on one side of said follower.

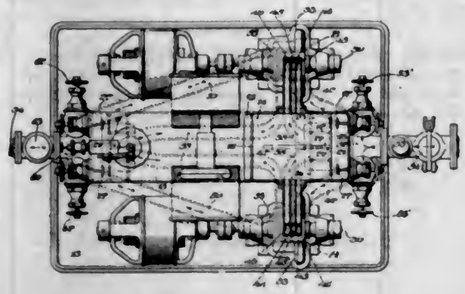
1,623,102. ROOF CONSTRUCTION. ARTHUR B. FOSSEEN, Spokane, Wash. Filed Oct. 17, 1925. Serial No. 63,044. 1 Claim. (Cl. 108—10.)



A roof structure comprising spaced horizontal cleats, overlapping courses of shingles with hooks on their upper ends engaging over said cleats, alined exterior cross ribs on the overlapped outer faces of said shingles having notches therein, gutter-sections below the joints of the shingles alined with said joints and resting on their lower ends on the upper portions of overlapped shingles, and alined weather flanges on the lower overlapping ends of the shingles engaging over said cross ribs.

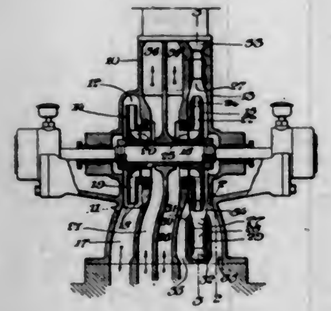
1,623,103. VACUUM-PRODUCING APPARATUS. RHEUEL H. FREDERICK, Irvington, N. J., assignor of two-fifths to Charles F. Ames, Brooklyn, N. Y., and one-fifth to Alphonse H. E. Berchem, New York, N. Y. Filed June 2, 1926. Serial No. 113,308. 10 Claims. (Cl. 103—6.)

1. In a vacuum producing apparatus for steam heating systems, the combination with a receiver for motive liquid and condensate, of a pump element including an impeller chamber, a rotary vacuum impeller therein having a central inlet and a continuous circumferential discharge venturi, a connection affording communication between the receiver and the central inlet, an annular chamber encircling the venturi and spaced therefrom, whereby a diverging annular stream of liquid is forcibly discharged



into the said chamber and against the walls thereof, thus producing an ejector effect and a water seal, a vacuum space within which the venturi rotates, said space being in operative communication with the annular chamber and the return line of the steam heating system, and a discharge connection between the said chamber and the upper part of the receiver.

1,623,104. CENTRIFUGAL PUMP. RHEUEL H. FREDERICK, Irvington, N. J., assignor of two-fifths to Charles F. Ames, Brooklyn, N. Y., and one-fifth to Alphonse H. E. Berchem, New York, N. Y. Filed June 2, 1926. Serial No. 113,309. 8 Claims. (Cl. 230—14.)

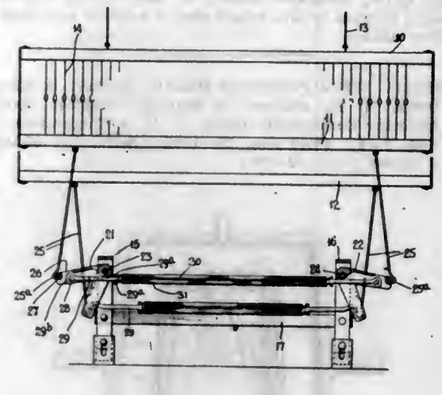


1. A pump comprising a casing, an impeller chamber therein, a centrifugal impeller mounted to rotate in said chamber and having a central fluid inlet and a circumferential Venturi nozzle, a chamber spaced from and encircling said nozzle and adapted to receive a diverging annulus of fluid ejected from the nozzle, a vacuum chamber in operative communication with the venturi and the encircling chamber, and a discharge chamber encircling the latter chamber.

1,623,105. TENSION DEVICE FOR THE HARNESS OF LOOMS. JOACHIM GIARDINO, West New York, N. J. Filed Apr. 21, 1926. Serial No. 103,479. 6 Claims. (Cl. 139—89.)

1. A tension device for the harness shafts of looms comprising a coil spring, means interposed between the

end of the spring and adjacent end portions of a shaft of the harness for applying tension to said shaft, said means involving pivoted levers arranged in spaced and opposed relation, said levers being of channel formation



in cross section, the side walls of the channel projecting at the outer ends of the lever, pins mounted in and traversing the space between said side walls, and connecting rods mounted on the outermost pins of said levers coupled with said shaft.

1,623,106. HORN. SAMUEL GOLDBERG, New York, N. Y. Filed Feb. 16, 1926. Serial No. 88,524. 1 Claim. (Cl. 46—46.)



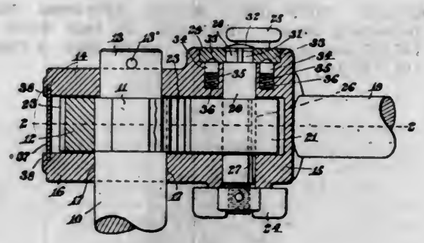
A horn comprising an inwardly tapering main body provided at its inner end with a sounding reed, and an elongated continuously inwardly tapering integral mouthpiece enclosing the reed to define a reed chamber and having its small end secured to the main body, the large end of the mouthpiece being remotely disposed with respect to the point of attachment of the mouthpiece to the main body and being spaced a substantial distance from the reed and having an integral continuously rounded top portion terminating in an integral inturned cylindrical flange extending into the reed chamber.

1,623,107. GASOLINE RECEPTACLE. ALBERT M. GOODYKOONTZ, Harlingen, Tex. Filed Sept. 18, 1926. Serial No. 136,310. 6 Claims. (Cl. 221—1.)



1. A collapsible receptacle of flexible material comprising a body with side walls terminating at their upper ends in apertured handle portions and accordion pleat edge walls of a less height than the side walls, a foldable bottom, a foldable top covering a portion of the upper end of the body, and a spout carried by said foldable top.

1,623,108. OPERATING MECHANISM FOR LIFTING JACKS. FRANK L. GOEMLEY, Brookline, Mass., assignor to The Buda Company, Harvey, Ill., a Corporation of Illinois. Filed Aug. 10, 1925. Serial No. 49,268. 18 Claims. (Cl. 192—43.1.)

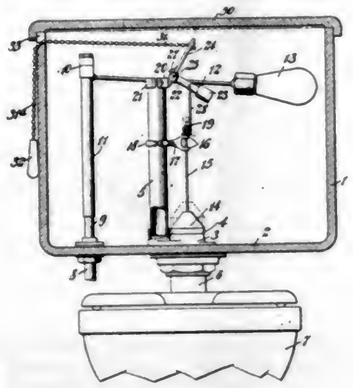


1. The combination of a driving shaft; a ratchet secured thereto having V-shaped teeth; a casing movable about the axis of said shaft; a pawl wholly enclosed within said casing having a plurality of V-shaped teeth in a curved plane and all adapted to fit the teeth of said ratchet; a pin mounted in the walls of said casing to which said pawl is keyed; and means on the outer end of said pin whereby said pin may be oscillated.

1,623,109. FLUSHING-VALVE MECHANISM. PHILIP HAAS, Dayton, Ohio. Filed June 9, 1925. Serial No. 35,873. 8 Claims. (Cl. 4—67.)

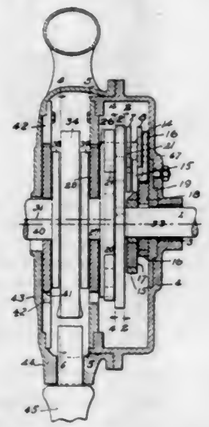
1. In flushing valve mechanism, the combination with a tank provided with a flushing outlet and valve seat, and a vertical overflow pipe adjacent thereto, a valve engaging said seat and provided with a guiding stem, and a guide for said stem, of a bell crank lever pivotedly supported adjacent to the upper end of the overflow pipe

and comprising a horizontally disposed weighted arm and a vertically disposed operating arm, said bell crank lever being provided adjacent to and on opposite sides of its pivot with stops to engage a stationary part, one of said stops being normally engaged and operative to support the weighted arm in substantially horizontal position, and the other of said stops being operative to prevent the movement of said weighted arm into inoperative position,



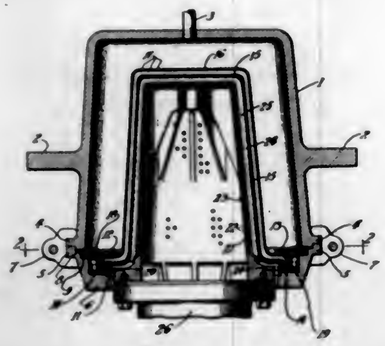
a connection from said valve stem to said weighted arm constructed to permit the valve to move upwardly with respect to said connection, and a flexible connection secured to the operating arm of the bell crank and extending outside of the tank, said tank being provided with guiding means frictionally engaging said flexible connection, the frictional engagement of said flexible connection with said guiding means serving to cushion the return movement of said bell crank lever.

1,623,110. COUPLING. RUDOLF ALEXANDER HAGE, Gottenborg, Sweden. Filed Sept. 13, 1924, Serial No. 737,567, and in Great Britain Aug. 12, 1924. 4 Claims. (Cl. 74—14.)



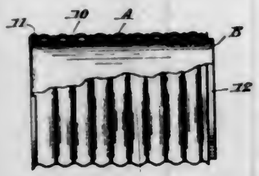
1. A coupling device comprising a rotating shaft, a disc-like member mounted on said shaft, two arms mounted on a common pivot on said disc-like member, means for imparting to the free ends of said arms a reciprocatory arcuate motion in addition to their bodily rotary motion with said disc-like member, a second disc mounted in a separate bearing having freedom of movement in a vertical direction, two sliding members which slide in grooves crossing one another at right angles in the face of said second disc, and means for imparting the reciprocatory motion of said free ends of said arms to said sliding members whereby a reciprocatory vertical motion is given to said second disc in addition to a bodily rotary motion.

1,623,111. PULP-PRESSING HEAD. RICHARD E. HALL, Olean, N. Y., assignor to Seaman Container Manufacturing Corporation, Olean, N. Y., a Corporation of New York. Filed Jan. 27, 1926. Serial No. 84,106. 3 Claims. (Cl. 92—60.)



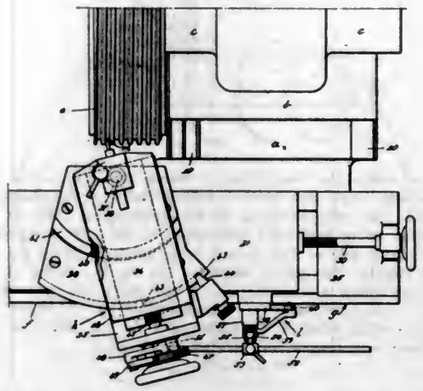
1. In combination, a hollow outer shell having pressure and suction communication and an annular flange on its base, a flexible pressing bag and a perforated metal hood adapted to have removable engagement with said shell, the perforated metal hood being interposed between said flexible bag and the shell, and retaining elements adapted to have cooperative locking engagement with the flange on the shell and with the base of the perforated metal hood and flexible bag respectively, including a removably mounted ring having cooperative engagement with the lower ends of the shell, flexible bag and metal hood respectively, and clamping means for locking said ring in position.

1,623,112. CORRUGATED PIPE OR CULVERT. WILLIAM HERBERT HALL, Oshawa, Ontario, Canada, assignor to The Pedlar People Limited, Oshawa, Canada, a Corporation. Filed Apr. 11, 1924. Serial No. 705,896. 1 Claim. (Cl. 137—75.)



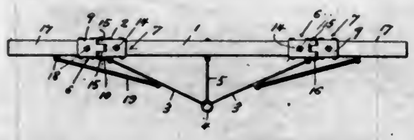
A corrugated culvert section formed from a single sheet of metal and having the edges overlapped, a lining for the culvert formed with overlapping edges and securing means through the overlapped edges of the lining and the metal to form an overlapped joint, the lining being folded over the culvert at one end to prevent leakage and formed with a projection at the other end protruding beyond the culvert to provide a lappage for an adjacent section.

1,623,113. APPARATUS FOR AND METHOD OF TRUING ABRASIVE SCREWS. BENGT M. W. HANSON, Hartford, Conn.; Einar A. Hanson and Clarence E. Whitney executors of said Bengt M. W. Hanson, deceased. Filed Nov. 30, 1923. Serial No. 677,632. 18 Claims. (Cl. 125—11.)



16. The method of truing a thread on an abrasive screw which consists in taking helical cuts in a side face of the thread at successive points in the direction of its depth.

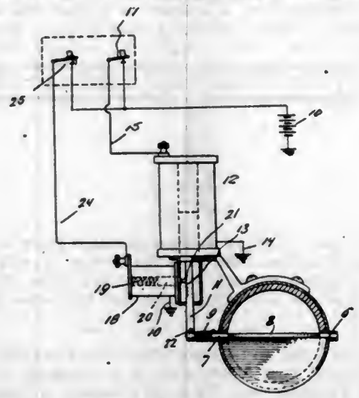
1,623,114. HARROW. RICHARD C. HAUGLAND, Jackson, Minn. Filed June 24, 1926. Serial No. 118,374. 1 Claim. (Cl. 55—84.)



In a harrow structure of the class described, a main harrow section and relatively movable end sections, and a hinge structure between the adjacent ends of said sections, said hinge structure embodying a pair of complemental parts, each of which is of channel-shaped cross section and is fastened to the complemental end of said sections, one of said parts being provided with a pair of spaced projecting pintle receiving bearings, and the other part being provided with a centrally disposed single projecting pintle receiving bearing disposed between the first named bearings, together with apertured ears located on the outer sides of the first named pair of bearings, and a pintle connecting pin passing through said bearings and apertures in said ears.

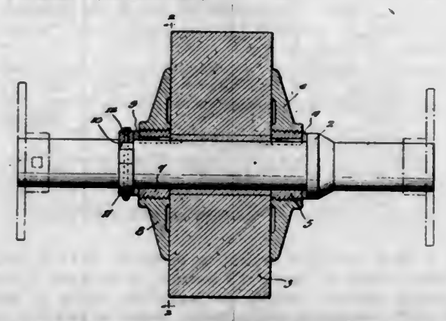
1,623,115. ELECTRICALLY-CONTROLLED CUT-OUT. KELLIS S. HENSLEY, Wanego, W. Va. Filed Jan. 27, 1926. Serial No. 84,141. 2 Claims. (Cl. 137—139.)

1. In an electrically controlled cut out and in combination, a conduit having a lateral orifice, a jacket secured about said conduit and having a lateral orifice and also having side flanges connected together, a cut out valve located in the conduit and having trunnions journaled in bearings between the flanges of the jacket, one of said trunnions being comparatively long and provided with a crank arm, a torsional spring mounted about said comparatively long trunnion and arranged and connected to return the valve to and maintain the valve in one position yieldingly, a solenoid, a bar connected to the armature of the solenoid and also connected to said arm on the valve trunnion and having teeth, an auxiliary solenoid having on its armature a latch for cooperation with the teeth of said bar, a source of electric energy,



and normally open circuits comprising the said solenoids and the said source of energy and also comprising normal open switches.

1,623,116. GRINDER SHAFT. FRED H. HEURING, Niagara, Wis. Filed Apr. 29, 1925. Serial No. 26,724. 1 Claim. (Cl. 51—168.)

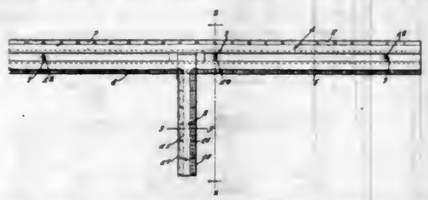


A grinder shaft having an annularly extending groove formed therein, an annularly extending abutment shoulder rigid with said shaft and spaced from said groove longitudinally of the shaft, threaded sleeves keyed upon said shaft in spaced relation to each other between the groove and shoulder and having their outer ends spaced from the groove and shoulder, a grinder upon said shaft between said sleeves, clamping disks threaded upon said sleeves and having firm gripping engagement with opposite sides of said grinder, a collar removably secured in said groove and of greater external diameter than said shaft and forming a second annularly extending abutment, a removable fastener passed radially through said collar and shaft, and soft metal washers upon said shaft fitting snugly between said shoulder and collar and the outer ends of said sleeves.

1,623,117. PLOTTING SQUARE. FRANK HOLLAND, Poplar Bluff, Mo. Filed Sept. 9, 1925. Serial No. 55,312. 3 Claims. (Cl. 33—103.)

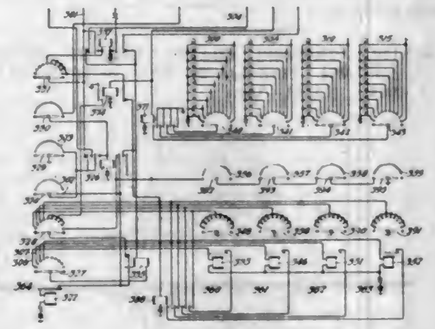
1. A plotting square comprising a combined plotting arm carrier and base scale member having its upper face, centrally thereof, provided with a lengthwise disposed dove-tail groove extending from one end to the other end of said member and a plotting arm scaled to conform to the scale of said member and provided with a dove-tail head slidably mounted in said groove for maintaining the arm at right angles to said member, said arm having

its inner end edge overlapping and snugly engaging said member, and retaining members threadedly engaging with said combined carrier and base scale member for detachably securing it to a support to prevent the slipping



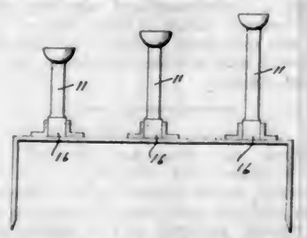
thereof, said retaining members arranged below said head having their tops flush with the bottom of said groove and extending through and projecting from the lower portion of the combined carrier and base scale member.

1,623,118. TELEPHONE-EXCHANGE SYSTEM. EMIL JACOBSEN, Port Washington, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 3, 1922, Serial No. 540,888. Renewed Oct. 18, 1926. 34 Claims. (Cl. 179—27.)



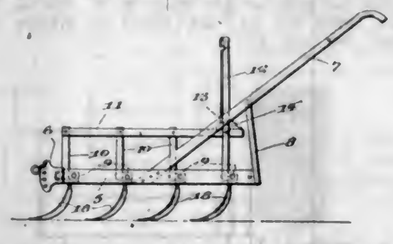
1. In a telephone system, a telephone line, an automatic switch, an operator's position, a plurality of connecting circuits thereat, an indicating device at said position common to said circuits, means in said line for transmitting a plurality of impulses thereover, said switch being responsive to certain of said impulses for extending said line to one of the connecting circuits at the operator's position, other of said impulses being directed to said position, and means responsive to such impulses for operating said indicating mechanism.

1,623,119. TEE FOR GOLF BALLS. GRAHAM KEARNEY, Lisbon, Ohio. Filed Aug. 26, 1926. Serial No. 131,761. 8 Claims. (Cl. 273—33.)



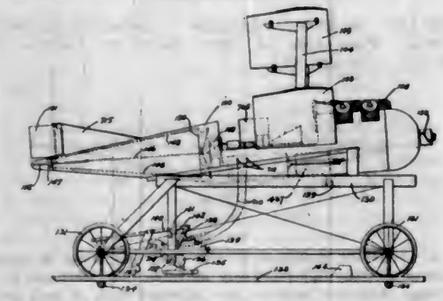
1. A tee comprising a peg adapted to be forced into the ground and having a head adapted to be arranged substantially flush with the surface of the ground and a plurality of tee seats of different heights hinged to said head.

1,623,120. CULTIVATOR. ANDREW JOSEPH KERN, Paris, Ky. Filed Feb. 9, 1922. Serial No. 535,415. 1 Claim. (Cl. 55—102.)



A cultivator comprising a frame consisting of a continuous band and formed substantially wedge-shaped in plan, the side surfaces of the converging sides of the frame being vertically disposed and the side surfaces of the rear side of the frame being inclined upwardly and forwardly, the lower edges of all of the sides of the frame being approximately in the same plane, a series of tooth carrying bars circumscribed by the band, the bars being pivoted at their ends in the sides of the frame, and means for turning the bars.

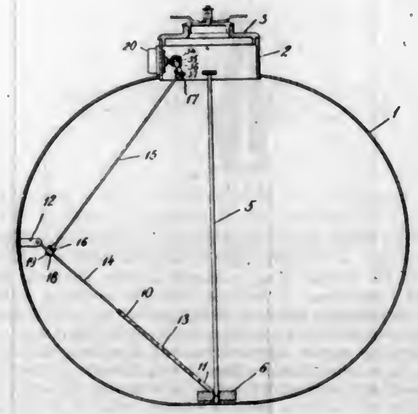
1,623,121. CONTROL APPARATUS. CHARLES F. KETTERING, Dayton, Ohio, assignor, by mesne assignments, to Dayton-Wright Company, Dayton, Ohio, a Corporation of Delaware. Filed Aug. 25, 1919. Serial No. 319,667. 31 Claims. (Cl. 244—30.)



1. Controlling apparatus for a self-propelled vehicle, adapted for movement in a sustaining medium, comprising the combination with a propelling means, a rudder, and an elevator; of pneumatic means for operating said rudder to control the direction of flight of said vehicle, and a direction indicating mechanism for actuating said means; pneumatic means for operating said elevator to control the elevation of the vehicle in the sustaining medium; and means responsive to variations in altitude for actuating said elevator operating means; and pneumatic means associated with the propelling means for automatically stopping the operation of such propelling means after the vehicle has traveled a predetermined distance, said last-named means comprising an air distance recording wind wheel.

1,623,122. LIQUID-LEVEL INDICATOR. ANDREW A. KRAMER, Kansas City, Mo. Filed Jan. 5, 1926. Serial No. 79,281. 5 Claims. (Cl. 73—82.)

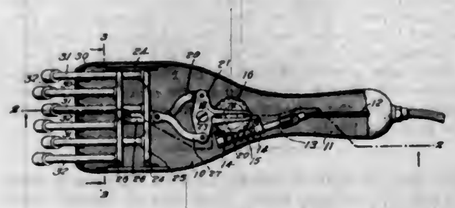
1. In a liquid level indicator for tanks, a float, a guide rod extending from the center point of the bottom through the center of the tank upwardly to a point adjacent the top thereof, said guide rod being adapted to direct the movement of the float, a bracket supported by the tank and arranged in spaced relation to said guide rod, an arm comprising two telescopically connected members, pivoted at one end to said bracket, the other end of said arm being attached to the float, a second arm having a universal connection at one end thereof, by which said arm is joined to the first mentioned arm at a point adjacent its pivoted end, and means associated therewith for indicating the position of the float in the tank.



1,623,123. PROCESS FOR PRODUCING COLORED PHOTOGRAPHS (POSITIVE PRINTS ON PAPER OR THE LIKE). ERNST AUGUST LAGE, Hamburg, Germany. Filed July 25, 1921, Serial No. 487,527, and in Germany July 30, 1920. 1 Claim. (Cl. 95—2.)

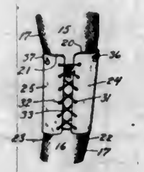
A process for producing colored photographic prints, consisting in subjecting a black silver print made from the yellow printing negative to a bleaching bath including lead nitrate, potassium ferricyanide, and nitric acid, resensitizing the print with a solution containing potassium ferricyanide and ferric ammonium citrate and printing from the blue printing negative, washing and then resensitizing the print with a solution of potassium bichromate, printing from the red printing print, applying red color for adherence to those parts of the negative which have been exposed to the light, and fixing the sodium thiosulfate.

1,623,124. MASSAGE AND SHAMPOOING APPARATUS. HENRY CHARLES LAUFE, New York, N. Y. Filed Nov. 23, 1925. Serial No. 70,814. 2 Claims. (Cl. 128—60.)



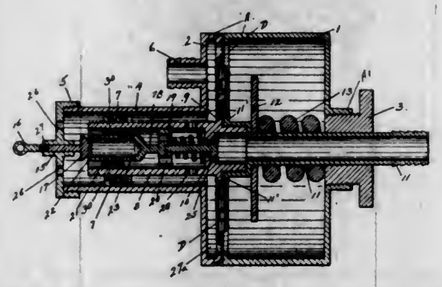
1. A scalp treating apparatus comprising a group of fingers, a second group of fingers, the fingers of said second group being disposed between the fingers of the first, and means for causing relative movement between the groups.

1,623,125. ANATOMICAL RESTRAINING APPLIANCE. HYMAN LEVINE, Englewood, Colo. Filed May 18, 1923. Serial No. 639,845. 2 Claims. (Cl. 128—133.)



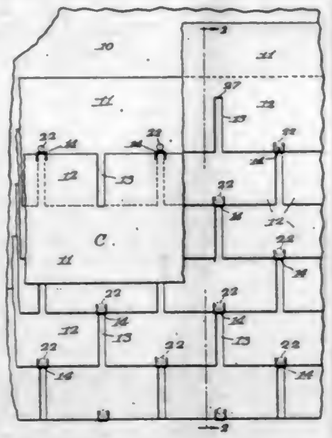
1. A device of the character disclosed, embodying a pair of individually non-sectional longitudinally tapering limb supporting shields, made of stiffly flexible material that is formed slightly arcuate in cross-section and is of a width less than one-half of the circumference of the limb to which they are to be applied in opposite snug fitting relation, the said shields being springy transversely and substantially rigid lengthwise, lacing means hingedly and adjustably connecting one complementary pair of the longitudinal edge portions of said shields, with their tapering edge faces disposed in edgewise spaced relation, and lacing means adjustably connecting their remaining longitudinal edge portions, with their tapering edge faces disposed in edgewise spaced relation.

1,623,126. DIAPHRAGM VALVE. ROBERT E. MITTON, Salt Lake City, Utah. Filed July 3, 1926. Serial No. 120,345. 7 Claims. (Cl. 303—54.)



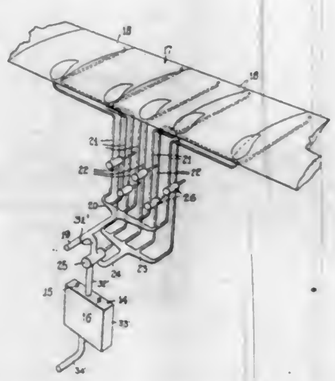
1. In a valve the combination of a casing having one end of less diameter than the other; a diaphragm mounted in the large end of said casing; a piston longitudinally movable in said smaller portion; a tubular casing secured to said piston and to said diaphragm; a tube secured to the diaphragm end of said tubular casing and connected with the air supply; a valve seat cut in said tubular casing; a guide member longitudinally movable in said tubular casing; a valve plug connected with the guide member; and a piston secured to said guide member and carried in said tubular casing.

1,623,127. ROOFING. ALBERT E. F. MOONE, Chicago, Ill., assignor to The Lehon Company, Chicago, Ill., a Corporation of Illinois. Filed July 10, 1926. Serial No. 121,643. 11 Claims. (Cl. 108—33.)



6. Flexible prepared roofing adapted to be laid upon a deck in overlapping courses, and a separately formed hinge secured adjacent to one edge of the roof and having a pivoted portion adapted to be folded against one side of the roofing.

1,623,128. TEMPERATURE-REGULATING SYSTEM FOR AERONAUTICAL MOTORS. HARVEY C. MUMMERT, Hollis, N. Y., assignor, by mesne assignments, to Curtiss Aeroplane and Motor Company, Inc., Garden City, Long Island, N. Y., a Corporation of New York. Filed Dec. 8, 1922. Serial No. 605,641. 4 Claims. (Cl. 123—174.)



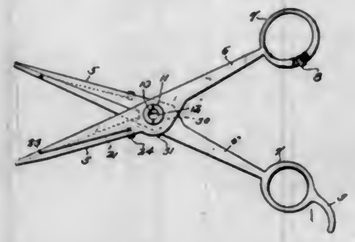
1. In a temperature regulating system for aeronautical motors, the combination with the oiling system of the motor of an oil radiator, a circuit for the liquid cooling agent including a container within which the oil radiator is enclosed and thru which the liquid cooling agent is continuously passed, a radiator within said cooling circuit, a by-pass around said last mentioned radiator, and means to open and close said by-pass whereby the cooling agent in circulation may be directed thru said container and over the oil radiator without its first having been passed thru the radiator of the cooling circuit.

1,623,129. SPARK PLUG. EDWARD B. NOWOSIELSKI, Bloomfield, N. J., assignor to Splitdorf Electrical Company, Newark, N. J. Filed Jan. 2, 1925. Serial No. 270. 7 Claims. (Cl. 123—169.)



1. In a spark plug, a shell having a central bore and a counter-bore at one end larger in diameter than the diameter of the central bore, a unitary central electrode assembly comprising; a metallic electrode having a collar near the sparking end and threads on the other end, said collar being dished on its side away from the sparking end, an insulator around the electrode and extending from the collar to a point closely adjacent said threads, an insulator positioned over said first insulator and having one end engaging said collar, a relatively heavy collar of good heat conducting material dished on both sides and positioned over the first insulator and against one end of the second insulator, a third insulator positioned against the other side of said heavy collar, means on the threads for clamping the last two mentioned insulators and heavy collar in position with respect to the first collar; said heavy collar being positioned in said counter-bore and a turned over portion of the shell for gripping said heavy collar as and for the purpose described.

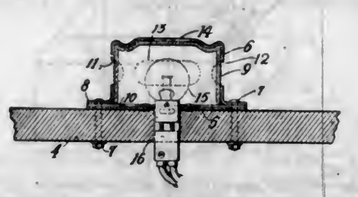
1,623,130. BARBER SHEARS. HOWARD S. OTIS, Janesville, Wis. Filed Mar. 19, 1926. Serial No. 95,982. 2 Claims. (Cl. 30—13.)



1. A device of the class described including a pair of blades, means for pivoting the blades together, each blade being provided with a longitudinally extending recess starting at the extremity thereof and terminating a slight distance from the pivot thereof, a lug projecting from the end of the recess inwardly thereof adjacent the pivot, a cutting edge portion having a notch at one end, said cutting edge portion adapted to be received in the recess and the lug adapted to extend in the notch, and a spring engaged with the other end of the cutting edge portion and with the blade.

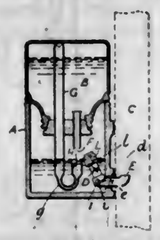
1,623,131. RUNNING-BOARD LAMP. WILLIAM A. PEARSALL, Jr., Detroit, Mich. Filed May 21, 1925. Serial No. 31,735. 2 Claims. (Cl. 240—8.26.)

1. In a lamp, the combination with an inverted single-piece casing having a top wall and a surrounding marginal wall, the top wall being formed with a light emitting opening and the marginal wall being formed with a plurality of light emitting openings, of a single-piece glass dome fitting within said casing and extending over said openings, an electric lamp located within the dome whereby light rays will be emitted through the openings in the



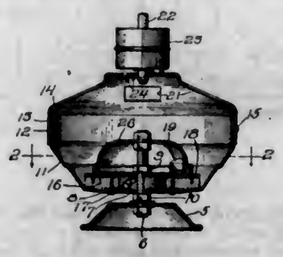
marginal wall in diverging paths in a horizontal plane and through the opening in the top wall in a vertical plane, and a base plate attached to the casing and forming a support for the dome and lamp.

1,623,132. APPARATUS FOR MIXING AND DELIVERING LIQUIDS. REGINALD HUMPHREY LEE PENNELL, Berkshire, and ADRIAN WILFRED WYLIE, Surrey, England. Filed Aug. 18, 1925, Serial No. 51,062, and in Great Britain Feb. 4, 1925. 17 Claims. (Cl. 187—68.)



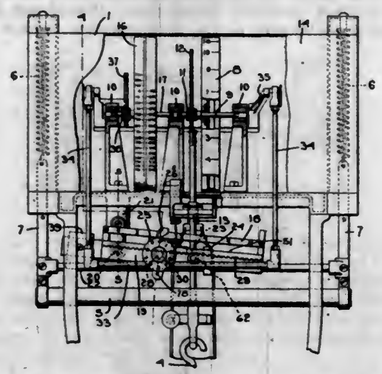
1. Apparatus of the kind referred to for mixing and delivering liquids wherein a portion of a liquid stored in a container is delivered into a liquid supplied to a receiver subject to the head at a permanent liquid seal in association with the container and with the receiver, the two liquids eventually discharging as a mixture from the receiver.

1,623,133. SPINNING DEVICE. ALEXANDER T. PETRIE, Brooklyn, N. Y., assignor to Herbert Love, Brooklyn, N. Y. Filed Jan. 30, 1926. Serial No. 84,805. 11 Claims. (Cl. 46—32.)



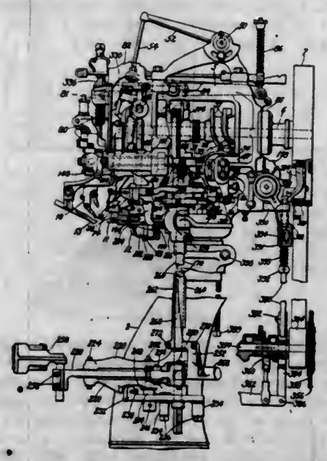
1. A spinning device comprising a base, a body rotatably mounted on said base, sound producing means supported on said base within said body, and a member supported on said body within said sound producing means, which in the rotation of said body will be moved into engagement with said sound producing means to actuate the same.

1,623,134. COMPUTING SCALE. WILFRED J. ROULEAU, Quincy, Mass. Filed May 4, 1925. Serial No. 27,985. 17 Claims. (Cl. 265—39.)



1. In a computing scale, the combination with a weighing scale including a vertically moving part, in the form of a horizontal rod, of a pivoted price-indicating arm having a stud engaging said rod so that the position of the arm at all times corresponds to the weighing movement of the scale, and a price-indicating dial controlled by said arm.

1,623,135. LASTING MACHINE. THOMAS H. SEELY, Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed May 26, 1923. Serial No. 641,685. 54 Claims. (Cl. 12—2.)

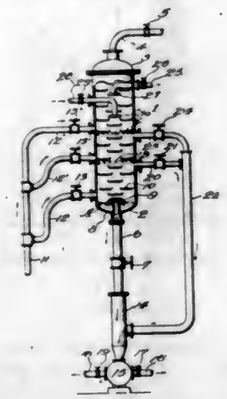


1. In a lasting machine, the combination of a gripper, mechanism for imparting plaiting movements to the gripper comprising a rock-shaft, a member pivoted to said shaft, connections from said member to the gripper to impart lateral movements to the gripper, and means under the control of the operator for turning said member on its pivot to vary the movement imparted to the gripper through said connections.

1,623,136. PROCESS AND APPARATUS OF DEPHLEGMATION. JEAN D. SEGUY, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Mar. 25, 1925. Serial No. 18,187. 8 Claims. (Cl. 196—139.)

6. A method for controlling the capacity of a dephlegmating column for dephlegmating hydrocarbon oil vapors,

consisting in maintaining a predetermined volume of reflux condensate in the dephlegmating column by withdrawing the reflux condensate from the dephlegmating column at predetermined vertically spaced points thereof and in introducing the vapors to the dephlegmating column at a



point above the liquid level of the reflux condensate maintained in the dephlegmating column, and in varying the point at which the vapors are introduced to the dephlegmating column when the liquid level of the reflux condensate in the dephlegmating column is varied.

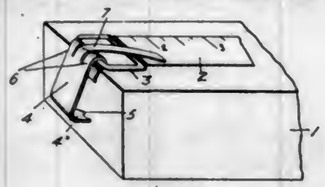
1,623,137. SHIPPING ATTACHMENT FOR WEIGHING SCALES. THOMAS H. STRACHAN, Dayton, Ohio, assignor to Dayton Scale Company, Dayton, Ohio, a Corporation of New Jersey. Filed Aug. 1, 1925. Serial No. 47,474. 5 Claims. (Cl. 265—39.)



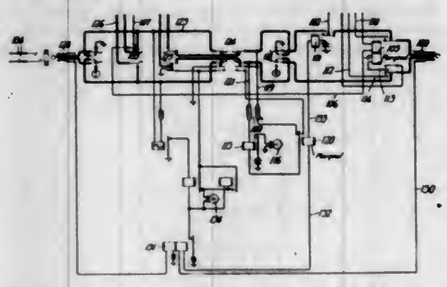
1. A shipping attachment for a weighing scale having a base lever system and a displaceable operating connection to the weight indicator and load counterbalancing means comprising a spider device adapted for cooperation with fixed parts of the scale with provisions for holding the base lever system against movement when shipping the scale, and means associated with said spider and arranged for connection to the aforesaid operating connection for securing the operating connection and its associated parts against movement when the scale is shipped.

1,623,138. TAPE MEASURE. FRANK SWIFT, Toronto, Ontario, Canada. Filed July 23, 1926, Serial No. 124,481, and in Canada Aug. 13, 1925. 1 Claim. (Cl. 33—137.)

In a tape measure, the combination with the looped end of the tape, of a catch piece comprising a central plate body portion, an end portion divided longitudinally to form three fingers, the two outer fingers being bent into spring hook form and the centre finger extending substantially at right angles to the body and adapted to bear on the tape when the spring hooks are in engagement with the loop of the tape, and an inturned piece at the opposite end of the body having a serrated edge adapted to grip the end of the article to be measured when the central finger at the opposite end of the body is in engagement with the tape when resting upon the top of the article to be measured.

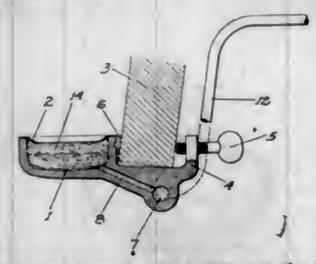


1,623,139. TELEPHONE-EXCHANGE SYSTEM. JOHN F. TOOMEY, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Apr. 4, 1922. Serial No. 549,480. 18 Claims. (Cl. 179—27.)



1. In a telephone system, a toll line, a toll cord circuit, a visual signaling device associated therewith, a toll switching trunk, automatic switches, trunk groups terminating therein, a sender for setting said switches, and means automatically operated when one of said switches encounters a busy trunk group for operating said signaling device and for transmitting a signal to said toll line.

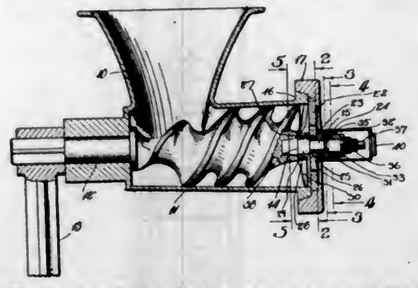
1,623,140. EXTINGUISHER FOR CIGARETTES AND THE LIKE. BERMA A. TRAVIS, Sacramento, Calif. Filed Aug. 19, 1925. Serial No. 51,137. 4 Claims. (Cl. 131—51.)



1. An extinguisher for cigarettes and the like adapted for use on a motor vehicle including a bowl, and means for supplying water to the bowl from the water-cooling system of the engine of the vehicle.

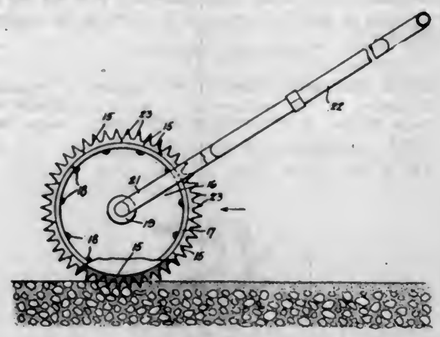
1,623,141. MEAT GRINDER. MURPHY E. WALKER, Austin, Tex. Filed Nov. 25, 1925. Serial No. 71,383. 4 Claims. (Cl. 146—189.)

1. In a meat grinder, a cutting unit comprising a ring adapted to be anchored to a meat grinding machine, an apertured plate, a shaft rotatable therein and having means for connecting it to a meat feeding element of a grinder, a knife having a hub mounted on the shaft whereby the knife engages the apertured plate, the said shaft having a knife engaging part for holding the knife



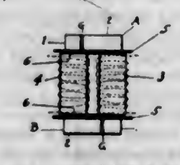
in engagement with the plate, a bearing anchored to the plate in which the shaft is rotatable, a coacting bearing on the shaft including means for adjusting the shaft and bearings, and a cap on the bearing enclosing the end of the shaft and the adjusting parts.

1,623,142. DEVICE FOR FINISHING CONCRETE SURFACES. CORNELIUS S. WALSH, Los Angeles, Calif. Filed Mar. 17, 1924. Serial No. 699,917. 6 Claims. (Cl. 94—50.)



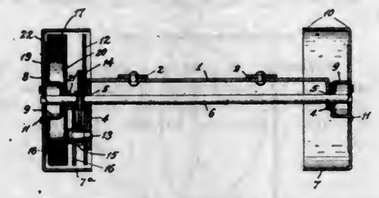
1. A device of the character described comprising a cylinder formed with longitudinal sections, disk heads in the ends of the cylinder, peripheral flanges on the disk heads, fastening members extending through the flanges and engaging the sections for securing the latter in cylindrical formation, and ribs on the cylinder co-extensive in length therewith.

1,623,143. RADIOFREQUENCY TRANSFORMER. ROBERT M. WARREN, East Orange, N. J., assignor to Dubilier Condenser Corporation, a Corporation of Delaware. Filed Jan. 9, 1924. Serial No. 685,241. 3 Claims. (Cl. 175—356.)



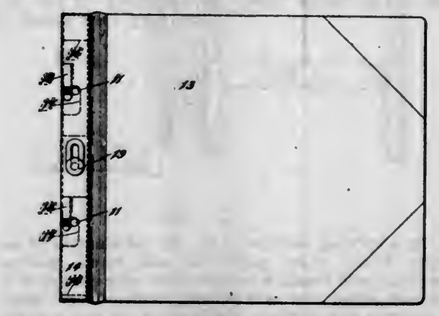
1. A magnetic core comprising a pair of sections, the extremities of which are spaced apart to provide an air gap, a spacing element to hold the extremities a fixed distance apart, and a retaining element co-operating with the spacing element to prevent the air gap being increased.

1,623,144. SELF-PROPELLING TOY. LEO L. WEISS, New York, N. Y. Filed Sept. 27, 1924, Serial No. 740,202. Renewed Jan. 28, 1927. 3 Claims. (Cl. 46—48.)



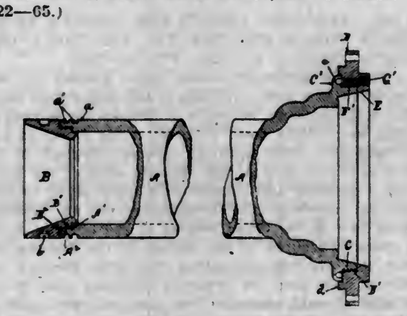
1. In a toy in combination, a plurality of wheels, a shaft connecting two of said wheels, a gear secured to said shaft near one end thereof, a fly wheel supported on said shaft and positioned between said gear and said shaft end, and gear connections between said gear and fly wheel, said gear, fly wheel and gear connections being enclosed within one of said wheels.

1,623,145. BINDER FOR LOOSE-LEAF FILES. NELSON S. WELK, Athens, Ohio, assignor to The McBee Binder Company, Athens, Ohio. Filed Mar. 29, 1923. Serial No. 628,425. 2 Claims. (Cl. 129—12.)



1. A binder for loose leaf files comprising a lower cover with binding posts secured thereto, a slotted member to be fitted over said binding posts, a sliding member secured to the slotted member and springs thereon inclining upwardly from the horizontal to engage the posts and lock them to the slotted member, when the sliding member is moved in one direction.

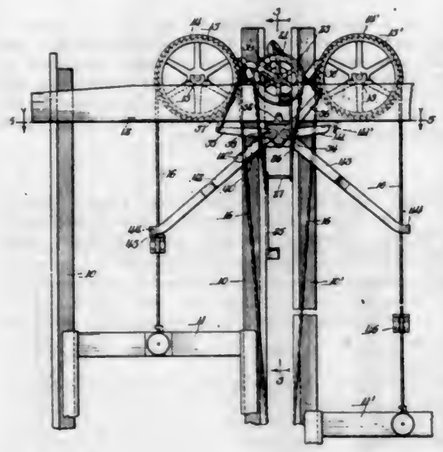
1,623,146. PIPE MOLD FOR CENTRIFUGAL CASTING MACHINES. CLINTON E. WILDER, Irvine, Pa. Filed Nov. 9, 1925. Serial No. 67,849. 6 Claims. (Cl. 22—65.)



2. A pipe mold tube having an annular bearing slot around the intake end thereof, internal screw threads within the intake end of said tube, a throat ring, external

screw threads thereon adapted to engage said internal threads external screw-threads on the opposite end of said tube, a driving ring, and internal screw threads in said driving ring adapted to engage said external threads, whereby said driving ring is removably secured on said mold tube.

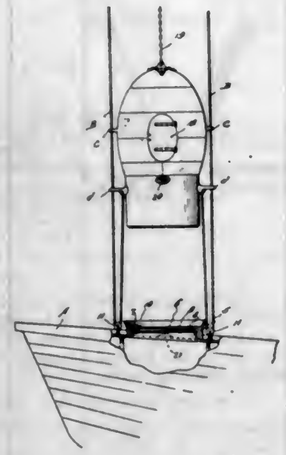
1,623,147. HOISTING MACHINE. ALEXANDER H. WILSON, Oak Park, Ill., assignor to Thomas Elevator Company, Chicago, Ill., a Corporation of Illinois. Filed May 10, 1926. Serial No. 107,837. 5 Claims. (Cl. 187—2.)



3. In a building material hoist, the combination of an upright frame, cages guided in said frame, pulleys mounted on said frame, a hoisting cable connected to said cages and guided over said pulleys, mechanism for starting, stopping and reversing the movement of said hoisting cable including a rock shaft journaled on said frame, a pulley fast on said rock shaft, and a control cable passing over and secured to said pulley, manually operable means for actuating said rock shaft, strikers mounted on said hoisting cable above said cages, a pair of arms pivoted at their inner ends on said frame and at their outer ends straddling said hoisting cable above said strikers, whereby said arms are adapted to be raised by said strikers, and mechanism operated by said arms on their rising movement for actuating said rock shaft.

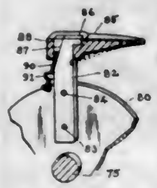
1,623,148. RESCUING DEVICE FOR SUNKEN SHIPS. HARRY S. WILSON, High Rock, Pa. Filed Jan. 9, 1926. Serial No. 80,261. 1 Claim. (Cl. 61—69.)

In a rescuing device for sunken ships wherein the ship is provided with a hatch opening in the upper deck thereof, the opening being normally closed by an outwardly swinging water tight door, a flaring guide flange extending around the hatch opening, pulleys attached to the upper deck of the ship on the opposite sides of the hatch opening, a rescuing unit comprising a water tight metallic housing for receiving the rescuing party, an inwardly swinging door in the lower portion of the housing, a circular chamber secured to the bottom of the housing and adapted to have communication therewith through the medium of said door, an inwardly swinging door in the lower side of said chamber, eye members arranged on opposite sides of the housing and chamber respectively, and cables for moving the unit downwardly within the water to position over the hatch opening of the sunken ship so that the bottom of the chamber will be disposed in said flaring guide flange, said cables being attached at one end to the lowermost pair of eye members, the cables extending around the pulleys and upwardly through the



eye members, and a hoist chain associated with the top of the housing to permit the same to be raised to the surface of the water.

1,623,149. ROTARY GANG PLOW. ROBERT J. WILSON, Rochester, N. Y., assignor of one-half to Robert S. Crain, Buffalo, N. Y. Filed Nov. 27, 1925. Serial No. 71,825. 4 Claims. (Cl. 97—212.)

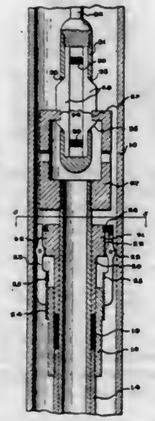


1. In a rotary gang plow the combination of a shaft, a pair of disks fastened to said shaft, standards fastened radially between said disks and extending outwardly therefrom, shares fastened to said standards, each of said shares comprising a head having an opening therein, a tooth projecting from one side of said head, and a horizontal cutting blade projecting from the side of said tooth.

1,623,150. OIL AND WATER WELL PUMP. WILLIAM WINESBURG, Bristow, Okla. Filed Oct. 6, 1923. Serial No. 666,977. 1 Claim. (Cl. 286—31.)

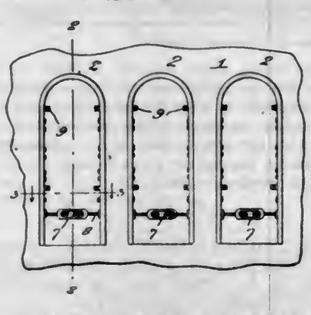
In a packing device of the class described the combination of a tubular member haivng a passageway therein, a plunger reciprocable in said passageway, said tubular member at an end thereof having a sleeve-like portion in spaced relation with the plunger to provide an annular chamber about the plunger in the sleevelike portion, packing material in said annular chamber, said sleeve-like portion on the exterior thereof having teeth, a gland slidable in the annular chamber against said packing to compress the same, means formed on the plunger to impact said gland to cause the same to compress said packing, detent

arms pivotally mounted intermediate their ends directly on said gland having teeth at the ends thereof in facing relation with the gland for cooperation on the teeth of the sleeve-like portion above mentioned, to prevent release of the packing when the gland has forced the same into



a packed relation in the annular chamber, and spring means carried by the gland at the opposite ends of said detent arms operating on the latter to force the teeth of said arms into engagement with the teeth of the sleeve-like portion.

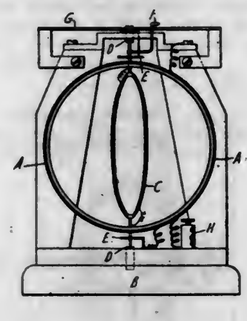
1,623,151. CONCRETE FORM. FRED WUSTHOLZ, Claytonville, Ill. Filed Mar. 2, 1926. Serial No. 91,725. 4 Claims. (Cl. 25—131.5.)



1. A concrete form comprising opposed U-shaped sections with flanges on their outer edges, cleats complementary to the said sections for holding the sections in working position, rigid lapped bars carried by each section at the inner side thereof and resting at the inner side of the other section, and means interposed between the opposite portions of each section for thrusting said portions away from each other and for drawing said portions toward each other.

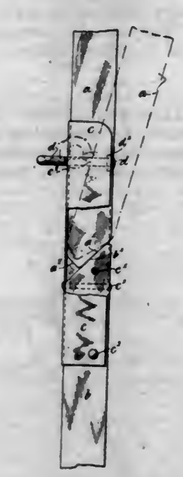
1,623,152. RADIO APPARATUS. ARTHUR MILLER YOUNG, Brentwood, and NORMAN WOOLLARD SIMPSON, Bolton, England, assignors to Radio Corporation of America, a Corporation of Delaware. Filed June 12, 1922, Serial No. 567,599, and in Great Britain June 18, 1921. 12 Claims. (Cl. 250—39.)

1. An instrument adapted to operate in circuit with a capacity for indicating the period of electrical oscillations, comprising the combination of two inductance coils, one within the other, one being mounted for self adjusting



rotation so that it can set itself relatively to the other so that the circuit is in resonance with the oscillations, and an arm actuated by the movable coil.

1,623,153. TENT POLE. DAVID T. ABERCROMBIE, Brooklyn, N. Y. Filed Dec. 15, 1925. Serial No. 75,528. 2 Claims. (Cl. 287—104.)

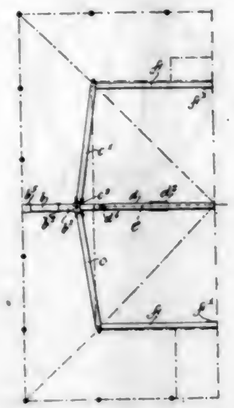


1. A joint for detachable sectional tent poles comprising a metal channel member secured to one pole section and extended beyond the end thereof, engaging means on the end of the pole section cooperating with the channel member, cooperating means on another pole section formed to be received between the engaging means and the channel member, a portion of the cooperating pole adjacent the channel member receding therefrom toward the engaging face of the other pole section to permit the interengagement of the members with a substantially pivotal motion at the engaging portions, and means to lock the channel member to the cooperating pole section.

1,623,154. TENT. DAVID T. ABERCROMBIE, Brooklyn, N. Y. Filed Feb. 27, 1926. Serial No. 91,038. 2 Claims. (Cl. 135—4.)

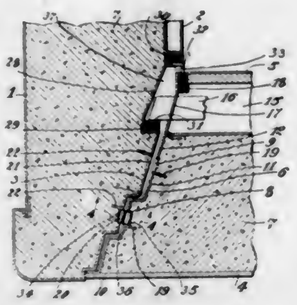
2. A tent frame comprising opposite wall frames including spreader arms, horizontal members supported by

the spreader arms of the wall frames, and a truss-like top frame supported by the wall frames, the top frame comprising separable top members engaged with the wall



frames and with each other at an angle to form a peak, a tension member, and means for connecting the tension member to brace the top frame members.

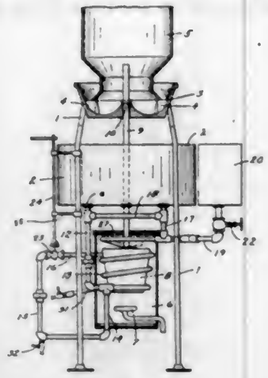
1,623,155. METALLIC STRUCTURE. DAVID H. BELLAMORE, New York, N. Y., assignor to The Mosler Safe Company, Hamilton, Ohio, a Corporation of New York. Filed July 14, 1923. Serial No. 651,468. 12 Claims. (Cl. 109—2.)



2. In a structure of the character described, in combination, a transverse wall, and means for retarding heat travel through said wall, said means comprising a plurality of lines of apertures in said wall and a plurality of lines of heat radiating flanges extending from said wall.

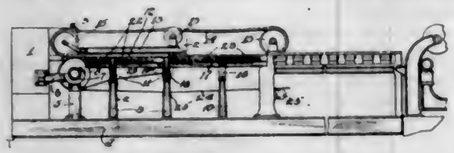
1,623,156. MILK-CAN-STEAMING AND WATER-HEATING SYSTEM. HAROLD F. BERG, Clinton, Iowa. Filed July 10, 1925. Serial No. 42,836. 1 Claim. (Cl. 122—41.)

A device of the class described, comprising a frame, a heater casing in the lower part of said frame, and heater therein, a boiler in said casing adapted to receive heat from said heater, a discharge pipe leading from said boiler, a water supply tank and pipe system between said tank and boiler, a coil encircling said boiler and communicating



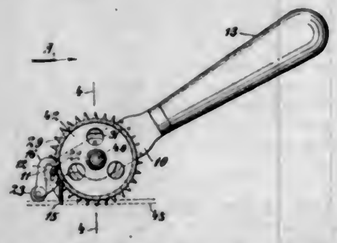
with said pipe system at the upper and lower ends of said coil, and a water chamber in proximity to said tank and communicating with said coil.

1,623,157. PAPER-MAKING MACHINE. EARL ELWIN BERRY, Beloit, Wis., assignor to Beloit Iron Works, Beloit, Wis., a Corporation of Wisconsin. Filed Apr. 10, 1924. Serial No. 705,429. 1 Claim. (Cl. 92—40.)



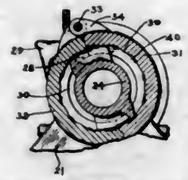
In a Fourdrinier paper machine adapted for making a continuous web of paper and having a shaking mechanism, the combination with the breast roll and a plurality of table rolls, of an impermeable endless apron mounted for movement thereover, said apron extending a substantial distance beyond the slices to form a pond of stock subject to the shaking action.

1,623,158. CARDBOARD-BOX KNIFE. FREDERICK L. BLEVIN, Jersey City, N. J., and ANDREW D. FERGUSON, Brooklyn, N. Y. Filed Aug. 16, 1924. Serial No. 732,482. 7 Claims. (Cl. 164—84.)



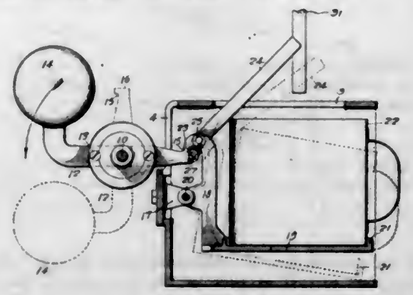
1. In a knife of the character described the combination of a knife blade, a guide and supporting wheel for the knife blade, means to adjust the location of the supporting wheel and a roller adjustably connected to the knife blade.

1,623,159. MACHINE FOR MIXING OR MASTICATING RUBBER AND LIKE MATERIAL. DAVID B. BOWEN, Ansonia, and CARL F. SCHNUCK, New Haven, Conn., assignors to Farrel Foundry & Machine Company, Ansonia, Conn. Filed Oct. 15, 1921. Serial No. 507,961. 36 Claims. (Cl. 18—2.)



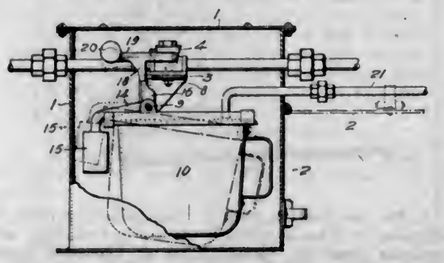
1. A rubber mixer comprising a mixing chamber and a rotor mounted therein, the working surface of said chamber being provided substantially throughout its length with protrusions extending toward the rotor, said rotor being provided with means to work the charge from each end of the chamber toward and into the opposite end.

1,623,160. SAFETY VALVE FOR OIL BURNERS AND THE LIKE. CHARLES B. BUERGER, Pittsburgh, Pa., assignor to Gulf Oil Burner Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 23, 1924. Serial No. 739,368. 16 Claims. (Cl. 137—68.)



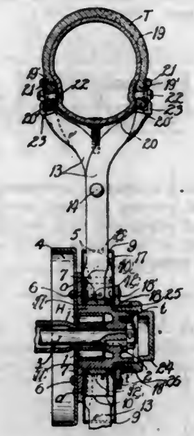
5. The combination with a valve and a lever constantly tending to close the same, of a yieldingly supported platform having a projection engaging said lever to hold the valve open, and means carried by the platform in position to be engaged by a receptacle on the latter and to prevent the engagement of said lever and projection in the absence of said receptacle.

1,623,161. SAFETY VALVE FOR OIL BURNERS AND THE LIKE. CHARLES B. BUERGER, Pittsburgh, Pa., assignor to Gulf Oil Burner Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Dec. 27, 1926. Serial No. 157,329. 8 Claims. (Cl. 137—68.)



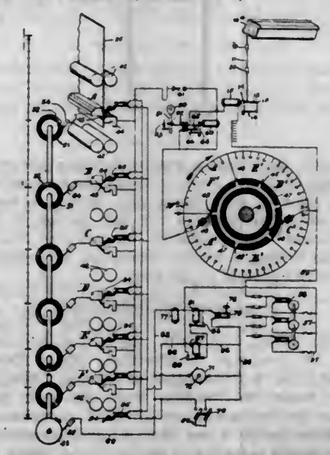
1. In combination with an overbalanced support, of a receptacle carried thereby, a fuel feed valve, means for controlling said valve and normally tending to close it, a weight normally tending to maintain said support and receptacle in balanced position, and means for normally holding said valve in open position but adapted to be automatically withdrawn to permit closing of the valve when said receptacle is filled and to prevent re-setting thereof until said receptacle has been emptied and replaced on said support.

1,628,162. VEHICLE WHEEL. WILLIAM H. BURRITT, St. Louis, Mo. Filed July 24, 1924. Serial No. 727,950. 7 Claims. (Cl. 152—29.)



1. A vehicle wheel comprising a hub, a series of spokes arranged in pairs around said hub, the spokes of each pair being pivotally secured together intermediate their extremities, the outer ends of said spokes terminating in suitable felloe receiving formations, felloe rims positioned on said formations, a tire mounted on said felloe rims, corresponding spokes of each pair being secured to the hub, and the other spokes of said pair being removably positioned over said hub.

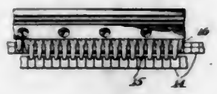
1,623,163. CARD-CONTROLLED PRINTING MACHINE. FRED M. CARROLL, Endicott, N. Y., assignor to The Tabulating Machine Company, Endicott, N. Y., a Corporation of New Jersey. Filed Dec. 12, 1922. Serial No. 606,364. 59 Claims. (Cl. 101—96.)



1. In a card-controlled machine, a rotatable drum, a plurality of groups of printing characters carried by said

drum, group selector means controllable by a perforation in a card and a character selecting device controllable by a perforation in a card and by said selector means for bringing one of said characters into printing operation.

1,623,164. SENSING MEANS FOR PERFORATED RECORD CARDS. FRED M. CARROLL, Endicott, N. Y., assignor to The Tabulating Machine Company, Endicott, N. Y., a Corporation of New Jersey. Original application filed Nov. 18, 1922, Serial No. 601,931. Divided and this application filed Dec. 6, 1923. Serial No. 678,898. 5 Claims. (Cl. 200—46.)



1. In a machine for sensing perforated records, a plurality of series of sensing elements arranged one series in advance of and staggered with reference to the elements of the other series, and a series of contact blocks for each series of sensing elements.

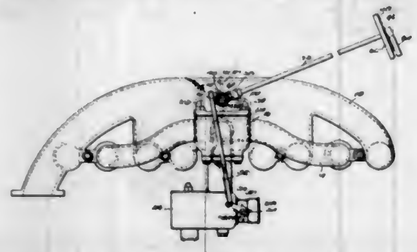
1,623,165. CANDY JUMPING JACK. WILLIS W. CASSIDY, Salt Lake City, Utah, assignor to Sweet Candy Company, Salt Lake City, Utah, a Corporation of Utah. Filed Aug. 2, 1926. Serial No. 126,710. 6 Claims. (Cl. 46—40.)



4. A toy including a carton forming the body of a figure and having a head, wrapped candy members forming the arms of such figure and having a flexible connection extending through one end portion of the body, and wrapped candy members forming the legs of such figure and having a flexible connection extending through the other end portion of the body.

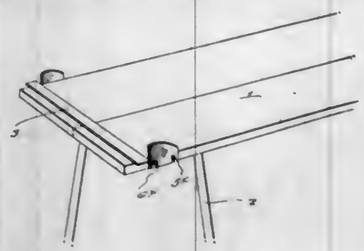
1,623,166. FUEL CONTROL. MILTON E. CHANDLER, Chicago, Ill., assignor to Stromberg Motor Devices Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 17, 1924. Serial No. 750,509. 4 Claims. (Cl. 123—122.)

4. In a control system for internal combustion engines, the combination of a hot spot, a valve therefor, a choke valve, a control element, a connection between said control element and said hot spot valve adapted to positively close said valve when said control element is moved in one direction, a connection between said choke valve and said control element adapted to positively close said choke valve when said control element is moved in the



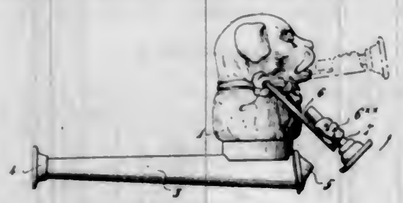
opposite direction, and means for each valve for causing re-opening movement thereof prior to the positive closure movement of the other valve.

1,623,167. PAPER-HANGER'S TABLE. JULIUS H. A. CHRISTIANSEN, Ricketts, Iowa. Filed May 12, 1926. Serial No. 108,557. 2 Claims. (Cl. 164—78.)



1. In combination, a paper hanger's table top, headed projections carried by each of the longitudinal edges of said top spaced apart and also spaced from the adjacent end of the top, and side plates each having a vertical slot adjacent to its heel end and a horizontal slot in its forward end, said slots receiving the headed projections whereby the plates are detachably supported on the shanks of the projections and between the heads thereof and the side edges of the top.

1,623,168. TOY TRUMPET. IRWIN COHN, New York, N. Y., assignor to Irwin & Company, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 31, 1926. Serial No. 158,152. 2 Claims. (Cl. 216—46.)

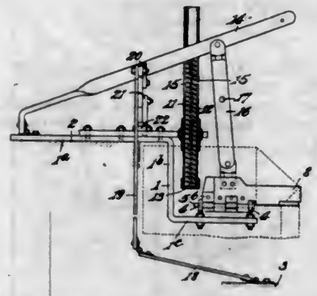


1. The combination with a wind sound-producing instrument of a figure mounted thereon and provided with swinging arms, the representation of a musical instrument held by said arms, and means provided at the outlet end of the sound producing instrument for deflecting the air against a surface of the arms, thereby raising the instrument representation to the lips of the figure.

1,623,169. POROUS MASS FOR STORING EXPLOSIVE GASES AND PROCESS OF MAKING SAME. GUSTAF DALEN, Lidingon, Stockholm, Sweden, assignor to American Gasaccumulator Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Aug. 14, 1922, Serial No. 581,898, and in Sweden Aug. 16, 1921. 6 Claims. (Cl. 252—2.)

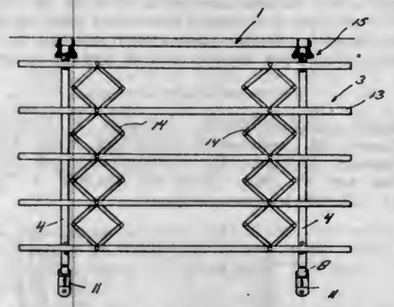
2. A porous mass for storing explosive gases, consisting of a mixture of a relatively large proportion of powdered kieselguhr and a relatively small proportion of a fibrous material.

1,623,170. BAG-VALVE-FORMING MECHANISM. MERRITT J. DAVIS, Wellsburg, W. Va. Filed Aug. 2, 1926. Serial No. 126,690. 12 Claims. (Cl. 93—8.)



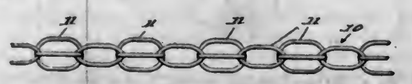
1. In a mechanism of the character described, a folding device comprising relatively foldable members each of which includes relatively spaced superposed elements, and means for actuating said foldable members.

1,623,171. COLLAPSIBLE ROOST. THEODORE DOSER, St. Anthony, Iowa. Filed June 28, 1926. Serial No. 119,220. 3 Claims. (Cl. 119—24.)



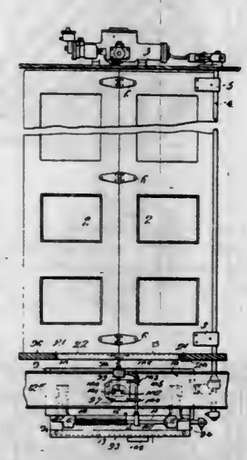
1. In a structure of the class described, a plurality of roost forming bars, lazy tongs connecting said bars together in an assembled relation, means for swingably connecting one end bar with a support, a pair of end frames, means for swingably connecting said frames with the support, each frame comprising a top bar and a bottom bar, and a connecting bar, the ends of the roost forming bars resting upon the top bars of the end frames, and supporting legs for said end frames.

1,623,172. CHAIN. FRANK W. EMRICK, Buchanan, Iowa. Filed Dec. 7, 1925. Serial No. 73,847. 1 Claim. (Cl. 59—83.)



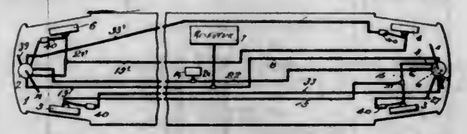
A chain comprising a plurality of similar connected links, each link being formed of a pair of elongated wire loops lying in planes at right angles to each other, each loop being provided initially with a gap at one end and the loops being arranged with the gap of each engaging upon the bight portion of the other, the loops being secured together at their points of engagement.

1,623,173. ELECTRICALLY-CONTROLLED DOOR-OPERATING APPARATUS. PARIS R. FORMAN, Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y., a Corporation of West Virginia. Filed Jan. 6, 1926. Serial No. 79,595. 33 Claims. (Cl. 303—6.1.)



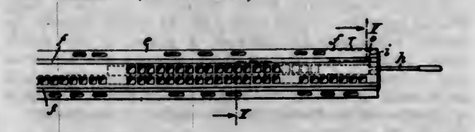
1. In a vehicle having entrance and exit ways, barrier means for said ways, electrically operated means operable by the act of a passenger when the brakes are applied for opening the barrier means.

1,623,174. DOOR-OPERATING SYSTEM FOR ONE-MAN CARS. PARIS R. FORMAN, Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y., a Corporation of West Virginia. Filed Jan. 9, 1926. Serial No. 80,228. 35 Claims. (Cl. 303—6.1.)



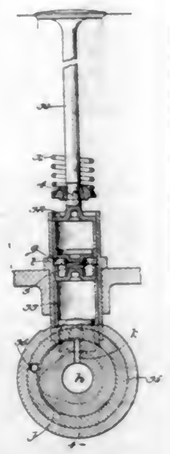
1. In a vehicle having entrance and exit ways, doors in said ways, and means for opening said doors on one side of the vehicle during an emergency application of the brakes.

1,623,175. MUSICAL INSTRUMENT. OTTO BRUNO FRIEDEL, Obersachsenberg, Germany. Filed Mar. 17, 1926, Serial No. 95,444, and in Germany Apr. 20, 1925. 11 Claims. (Cl. 84—377.)



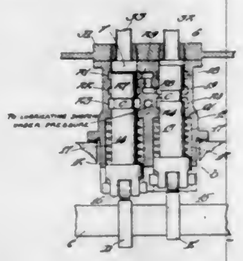
7. Musical instrument comprising two reed plate slides, means for adjusting said slides with regard to each other, a casing surrounding both slides and secured to one of them, said casing having recesses, and a spring catch on one of said slides which is adapted to engage said recesses, each slide having tone cells, and one of said slides having four cells more than the other.

1,623,176. VALVE FOR INTERNAL-COMBUSTION ENGINES. OTIS C. FUNDERBURK, Boston, Mass. Filed Mar. 10, 1921. Serial No. 451,082. 2 Claims. (Cl. 123—90.)



1. The combination with a poppet valve, of operating mechanism therefor which includes a column of oil, and means connecting with the oiling system of the engine for replenishing said column of oil, said replenishing means comprising a cam shaft provided with a longitudinal opening through which oil is supplied under pressure, a radial passage leading from said longitudinal opening, and means for placing said radial passage in communication with said column of oil during a part of each revolution of said shaft.

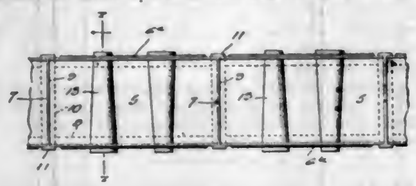
1,623,177. VALVE FOR INTERNAL-COMBUSTION ENGINES. OTIS C. FUNDERBURK, Boston, Mass. Filed Sept. 20, 1923. Serial No. 663,883. 6 Claims. (Cl. 123—90.)



1. The oil operated valve mechanism in which cooperating ports in a valve lifter and the casing therefor establish communication between a source of oil supply under pressure and the oil space between another lifter and its cooperating valve stem whereby one lifter acts as a valve to control the supply of oil to the oil space of another lifter during the idle period of the latter.

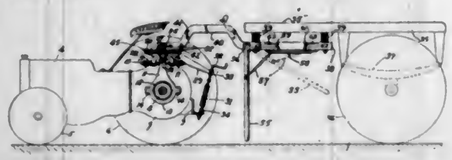
1,623,178. BUILDING-BLOCK MOLD. LEWIS EDWARD GEARHART, Marietta, Ohio. Filed Feb. 8, 1926. Serial No. 86,866. 2 Claims. (Cl. 25—121.)

1. A mold of the class described, including, in combination, a plurality of bottoms, a plurality of end or dividing walls each provided with a bottom flange extending beyond the faces thereof and side flanges extending beyond the faces thereof, said side flanges terminating



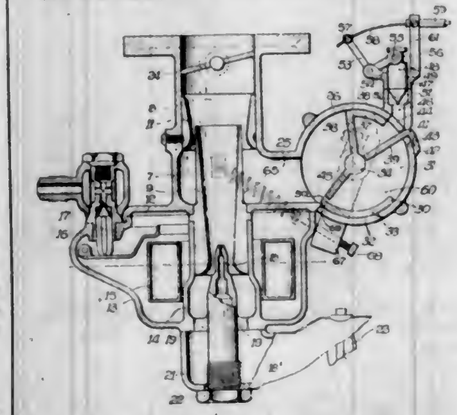
a distance from the bottom flanges, and a plurality of side walls provided with inwardly directed flanges terminating a distance from the ends.

1,623,179. TRACTOR HITCH. EDWARD R. GREER, Minneapolis, Minn., assignor to Trail-It Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Dec. 11, 1922. Serial No. 606,117. 20 Claims. (Cl. 280—33.1.)



1. A tractor hitch including a member adapted to be secured to a trailer, an element adapted to be mounted to rock upon the tractor, means to connect the member and element to maintain the element in normal position and to permit relative pivotal movement upon turning travel of the tractor and tension means connected to the element adapted to rock on the tractor and to the tractor to exert a downward force upon the front end of the tractor substantially sufficient to counteract any tendency thereof towards upward movement.

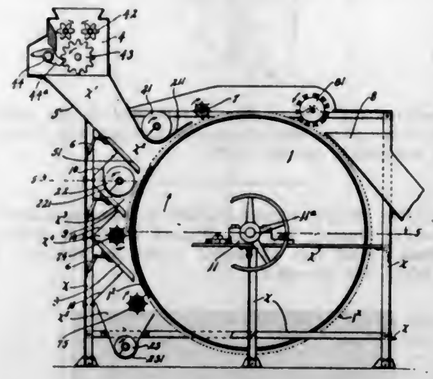
1,623,180. CARBURETOR. CHARLES J. GUSTAFSON, Chicago, Ill., assignor to Stromberg Motor Devices Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 13, 1921. Serial No. 461,003. 5 Claims. (Cl. 123—124.)



1. In a charge forming device, the combination of an air controlling valve, a retarding chamber, a baffle moving with said valve and forming a movable wall on said

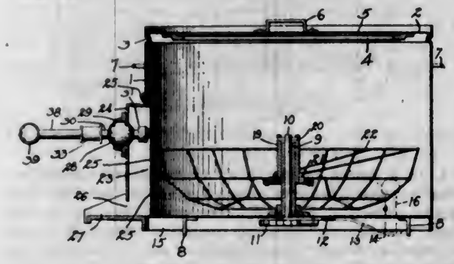
retarding chamber, said baffle being responsive to the engine suction on one side and the pressure in said retarding chamber on the other side, and adjustable means for controlling the admission of atmosphere to said retarding chamber.

1,623,181. HULLER AND OPENER. WILLIAM L. HANCOCK, Dallas, Tex., assignor to The Murray Company, Dallas, Tex., a Corporation of Texas. Filed Oct. 9, 1926. Serial No. 140,513. 9 Claims. (Cl. 19—36.)



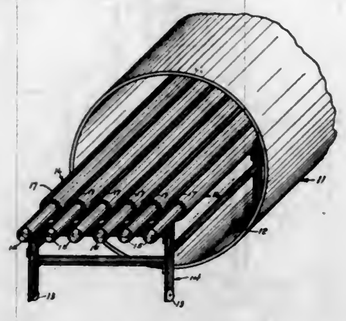
1. In a duplex cotton hull separator and opener, a frame-casing having upper and lower lint inlet openings and two lint exit openings; a rotatable toothed drum supported on the frame the surface of the drum opposed to the upper inlet opening moving upward to a lint exit opening; a chute adjacent the upper feed opening to receive the entering material and guide it against the toothed drum; a knocker roller adjacent the upper part of the drum, to beat back hulls and loose material while permitting the drum-engaged lint to pass on to an exit; means to remove the lint from the drum; a trough below the knocker roll to receive the material beaten back; a conveyor within the trough to move said material along the trough to an exit; a second conveyor below said exit to receive the material and return it within the casing through the lower feed opening; a chute over which the second conveyor moves the material and down which it is guided against the toothed drum.

1,623,182. DISHWASHING MACHINE. REDGE HARVEY and ADOLPH P. WASHLAKE, Detroit, Mich. Filed Feb. 23, 1923. Serial No. 620,596. 4 Claims. (Cl. 141—9.)



1. In a washing machine, a tub, a basket for dishes therein adapted to be turned, the vertical wall of the tub having an offset portion terminating short of the bottom thereof providing an outlet, and a spray nozzle rotatably mounted in the said offset portion of the vertical wall and terminating practically at the periphery of the tub.

1,623,183. VULCANIZATION. DANIEL E. HENNESSY, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Aug. 19, 1922. Serial No. 582,957. 2 Claims. (Cl. 18—53.)

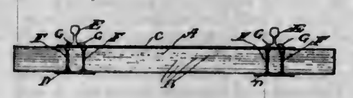


1. The method of vulcanizing inner tubes in open heat comprising placing the splice directly above the mandrel so that when the rubber softens the edge of the splice will merge into the walls of said tube to form a tube of substantially smooth surface.

1623,184. PROCESS OF MANUFACTURING INSULATING AND PLASTER BOARD FROM CORNSTALKS. JAMES J. HINDE, Sandusky, Ohio. Filed Nov. 17, 1924. Serial No. 750,479. 9 Claims. (Cl. 92—3.)

1. The process of manufacturing insulating lumber consisting first, in cutting or shredding the stalks, leaves, pith, tassels and husks or corn growth into portions and softening them by treatment in cold or luke-warm water, until the glutinous substances and the fibrous material therein have been softened, extracting a portion of the excess moisture therefrom by suction or pressure, to compact and weave or felt the finer fibres with the coarser fibres and further drying the product between suitable porous carriers, at sufficiently high degree of temperature to evaporate the moisture therefrom, and until a thick fibrous and porous insulating board has been produced thereby.

1,623,185. RAILWAY TIE. JAMES J. HINDE, Sandusky, Ohio. Filed July 17, 1926. Serial No. 123,111. 6 Claims. (Cl. 238—37.)

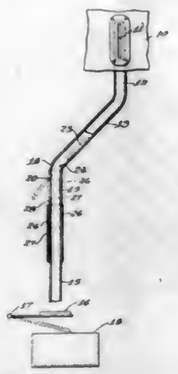


1. An article of manufacture comprising a shaped mass composed of layers of compressed, shredded woody fibre saturated with a binding and waterproofing material and vertically spaced open mesh weave metallic reinforcing material through the openings in which the wood fibers are thoroughly embedded and interwoven.

1,623,186. COIN SELECTOR. GUSTAV F. HOCHRIEM, Chicago, Ill., assignor to Rhodes-Hochriem Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 2, 1924. Serial No. 683,937. 2 Claims. (Cl. 194—102.)

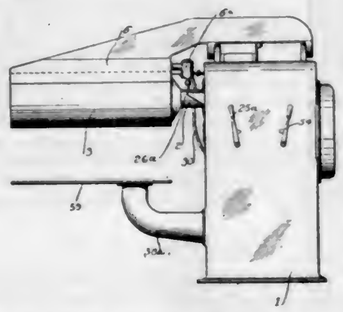
1. A tubular coin chute having a flat sliding surface arranged to guide coins moving gravitationally downward therein sliding on their sides respectively and having means for deflecting the coins into another path

of movement, said deflecting means defining an opening in the downward path of movement of the coins through which relatively small coins may pass out of the chute



while larger coins are deflected into another path of movement, and slidable closure means readily movable into position to obstruct said opening.

1,623,187. UNIVERSAL IRONING MACHINE. JOSEPH HUEBSCH, Milwaukee, Wis. Filed Feb. 9, 1924. Serial No. 691,563. 22 Claims. (Cl. 68—9.)

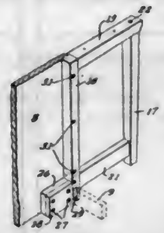


3. In an ironing machine, a pressing shoe having an arcuate surface, a roll for engagement with said surface, mechanism for continuously rotating said roll, and mechanism for optionally rotating said roll a distance substantially equal to the arcuate surface of said shoe.

19. In a machine of the class described, a roll, a shoe cooperating with said roll, a yieldable friction drive for initially operating said shoe in one direction, fluid pressure means for applying the final pressure to said shoe, and mechanism for simultaneously disconnecting said friction drive and relieving the fluid pressure.

1,623,188. TRUSS STRUCTURE FOR UPRIGHT-PIANO CASES. JAMES D. HURST, Rockford, Ill., assignor to Schumann Piano Company, Rockford, Ill., a Corporation of Illinois. Filed Mar. 2, 1923. Serial No. 622,294. 2 Claims. (Cl. 84—177.)

1. In an upright piano, in combination with the case, a truss unit of assembly adapted for attachment to and detachment from the case beneath each end of the keyboard comprising a truss proper and an upright stile joined at the top and bottom and held in rigid spaced relation by a truss cap and a base-piece, respectively, the truss proper being equipped at the lower end with a caster and disposed in front of the base-piece to support forward lean of the piano, and means for detachably



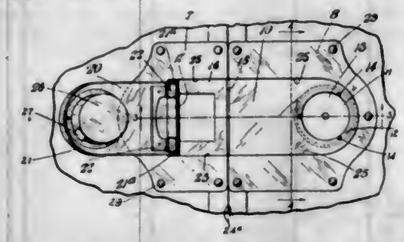
connecting the upright stile of each unit to the inner side of one of the sides of the case and the truss cap to the underside of the key-board.

1,623,189. WATERPROOF PRODUCT. LESTER KIRSCHBRAUN, Chicago, Ill., and WALTER H. CADY, Boston, Mass. Filed Dec. 18, 1920. Serial No. 431,744. 1 Claim. (Cl. 91—68.)



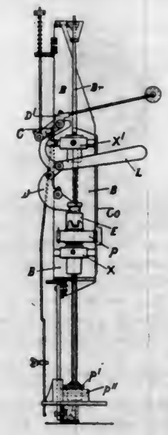
A strip shingle consisting of a fibrous base and an adhesive coating and a granular surfacing, a waterproof matrix of predetermined color filling the interstices and the granular surfacing in spaced areas of a design to simulate shingles, and a waterproof matrix of a different color than the first, likewise filling such interstices between the granular particles but in relatively narrow lines separating the designs formed by the first matrix.

1,623,190. TRUNK-LOCK STRUCTURE. STANLEY KLEIN, Cincinnati, Ohio, assignor to The Mendel-Drucker Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Jan. 12, 1925. Serial No. 1,830. 2 Claims. (Cl. 70—115.)



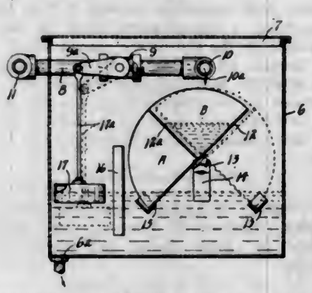
1. In a device of the class described the combination with a plate having a recess extending from one edge of the plate and for a distance across the top of said plate, an integral tongue on the plate turned upon itself to form a tubular hinge member, and positioned substantially within the recess in the plate, a flanged hasp adapted to seat in the recess in the plate with its flanged sides in abutment with the walls of the recess, an integral complementary hinge member on one end of the hasp, and a pintle for hingedly mounting the hinge members one upon the other, the flanges on the hasp precluding access to the pintle.

1,623,191. COP-WINDING FRAME. OSWALD LAMBERT, Tamise, Belgium. Filed Aug. 19, 1926, Serial No. 130,316, and in Belgium Oct. 30, 1925. 1 Claim. (Cl. 242—27.)



In a cop-winding frame, in combination with a spindle, a box unit individual to said spindle partly enclosing said spindle, spindle bearing members carried by and within said box unit, a pinion on said spindle housed in said box unit, a clutch on said spindle, within said box unit, for coupling said pinion with said spindle, and clutch controlling means sustained by said box unit.

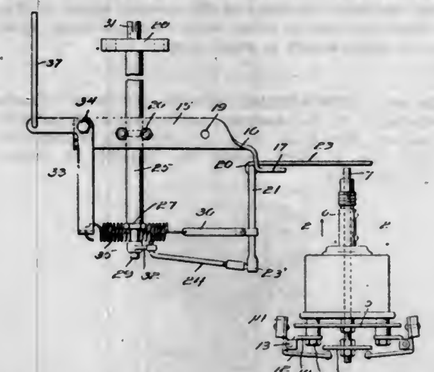
1,623,192. MEASURING DEVICE. GEORGE D. LIVINGSTON, Anoka, Minn. Filed Nov. 2, 1925. Serial No. 66,255. 7 Claims. (Cl. 249—35.)



1. A measuring device comprising means for delivering material to be measured, an oscillating measuring receptacle disposed below said means, supporting means for said receptacle having a convex bearing surface, and means for limiting the oscillation of said receptacle in either direction.

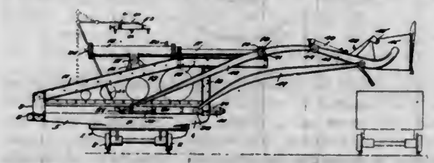
1,623,193. GOVERNOR. HOWARD S. LOOMIS, Kasson, Minn. Filed Dec. 29, 1925. Serial No. 78,254. 1 Claim. (Cl. 264—3.)

A governor actuated throttle valve controlling mechanism of the class described including, in combination, a governor actuated push rod, a bracket adapted to be attached to an engine block, a sleeve formed on the bracket, a crank rod having a portion rotatable in the sleeve, a plate fixed on said portion of the rod to be disposed in the path of movement of the push rod so that when the push rod moves in one direction, it will abut the plate for swinging the crank rod, a link engaged with the end of the other portion of the crank rod, a tubular housing supported on a bracket, a throttle valve operating shaft journaled through said tubular housing, a crank on said shaft engaged with said link, a bell crank on said bracket, manual means for operating said bell crank, a spring engaged with said bell crank and with



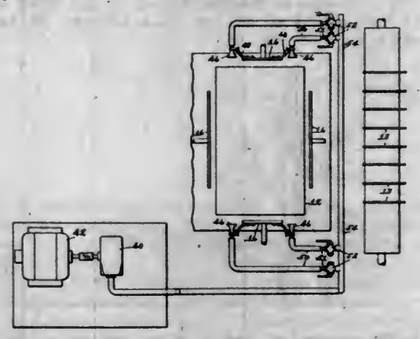
said other portion of the crank rod whereby the spring may be tensioned to swing the crank rod and the plate attached thereto so as to resist movement of said plate and said crank rod by the push rod.

1,623,194. EXCAVATING MACHINE. FRANCIS C. MARSHALL, Green Bay, Wis. Filed Aug. 30, 1921. Serial No. 496,880. 7 Claims. (Cl. 214—132.)



1. A shoveling machine of the class described having a dipper, pairs of arms pivotally connected to said dipper, a movable motive element to which said arms are pivoted and by which the arms are separated to cause an upward swinging movement of the dipper, and a main element for moving said dipper and motive element in a horizontal plane.

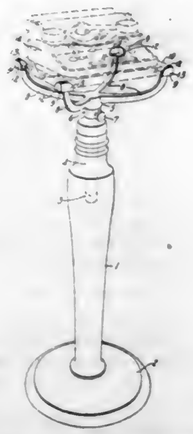
1,623,195. APPARATUS FOR PILING SHEETS OF PAPER. GEORGE E. MAXNER, Somerville, Mass. Filed July 7, 1923. Serial No. 650,131. 1 Claim. (Cl. 271—86.)



The combination with a printing press having mechanism for depositing the printed sheets in a pile, of jogger boards arranged on opposite sides of said pile and

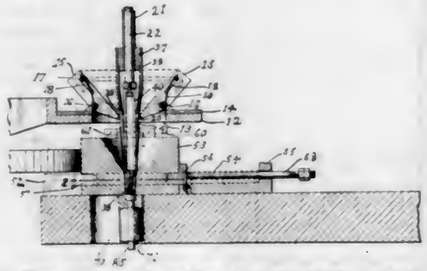
movable toward and from said pile to tap opposite edges of each printed sheet as it is deposited on said pile, and air supplying nozzles secured to said movable jogger boards to move therewith and to direct opposing currents of air beneath a plurality of the printed sheets to float the same on cushions of air while they are being tapped by said jogger boards to align them.

1,623,196. TYPEWRITER STAND. JACOB E. NEAHR, Hartsdale, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 1, 1921. Serial No. 504,687. 2 Claims. (Cl. 45—117.)



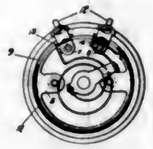
1. In a stand for typewriters, a standard of small cross-area and adapted to support a typewriting machine between the knees of a typist, said standard being provided with a weighted disc-shaped base of large circular diameter to maintain the standard normally in an upright position and facilitate its movement when slightly tilted by rolling on the periphery of said base, and a mounting for a typewriter baseboard comprising a hub having a spindle rotatable in the upper end of the standard and rigid cross-arms intersecting in the hub in fixed relation to said hub, said arms being curved upwardly toward their outer ends and having at their extremities flanged seats to engage the corners of the baseboard to support the latter and to hold the same against lateral displacement when the standard is tilted.

1,623,197. PROCESS AND APPARATUS FOR MAKING CUPS. JAMES G. NORTON, Leonia, N. J. Filed Apr. 11, 1922, Serial No. 551,709. Renewed Sept. 17, 1926. 16 Claims. (Cl. 93—60.)



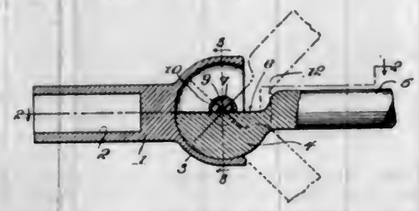
1. The process of making a cup which consists in shaping a blank into a substantially frusto-conical body portion and a more nearly cylindrical handle portion and then setting the blank in permanent condition.

1,623,198. RHEOSTAT. EDWARD B. NOWOSIELSKI, Bloomfield, N. J., assignor to Splitdorf Electrical Company, Newark, N. J. Filed June 19, 1924. Serial No. 720,886. 9 Claims. (Cl. 201—55.)



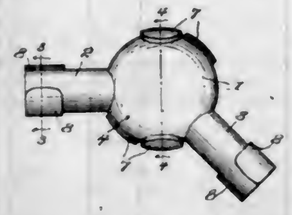
1. In a device of the class described, a casing, a resistance unit mounted within the casing, said unit consisting of a series of wire convolutions arranged on an arcuately formed member, a control rod, an arm carried by said rod, a resilient member carried by said arm in contact with said wire convolutions, a terminal connected to said wire convolutions, a second terminal and a spirally wound conducting member joining said second terminal and said arm.

1,623,199. UNIVERSAL JOINT. DABNEY P. OWENS, Lake Worth, Fla. Filed July 10, 1925. Serial No. 42,735. 1 Claim. (Cl. 64—91.)



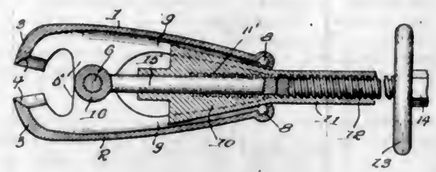
A universal joint connection between a drive and driven shaft, comprising a semispherical head on one of said shafts, a socket on the end of the second shaft, receiving the head therein, an element revolubly seated at diametrically opposite points in the socket, and having a central reduced portion disposed over the flat face of the head, and anti-frictional elements carried by the reduced portion of said element bearing directly on the flat surface of the head.

1,623,200. FIXED HOUSING FOR UNIVERSAL CONNECTIONS. DABNEY P. OWENS, Lake Worth, Fla. Filed July 10, 1925. Serial No. 42,737. 1 Claim. (Cl. 64—89.)



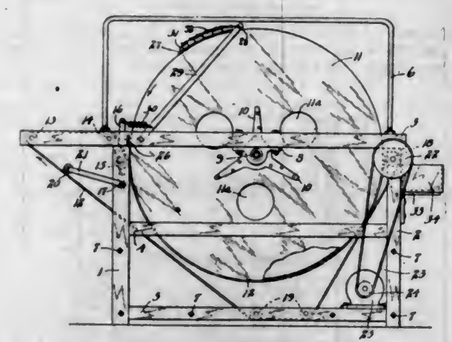
A fixed housing for universal connections, comprising a hollow spherical body having angularly disposed tubular members extending therefrom, said housing and tubular members being constructed of two sections which have their confronting edges in contacting engagement, the housing sections having their edges each formed with a pair of outstanding fingers designed to be bent over the other housing sections, the fingers on one of the housing sections being arranged angularly with respect to the fingers on the second housing section, whereby the adjacent edges of the said bent fingers will be arranged in contacting relation, and the sections comprising the tubular extensions being also formed with fingers designed to be bent over each other.

1,623,201. CUTTER. DABNEY P. OWENS, Lake Worth, Fla. Filed July 10, 1925. Serial No. 42,739. 3 Claims. (Cl. 81—197.)



1. A device for severing the heads of bolts, rivets or the like, comprising two members, each being substantially U-shaped in cross-section and having their outer edges arched to the ends thereof, each of said members having their outer ends extended toward each other to provide cutting jaws and each of said members having its sides inward of the jaws formed with ears which lap each other, a pivot element passing through the ears, a rod member through which the pivot also passes and which rod is directed toward the rear of the members, a wedge member received between the members, and in which the rod is also received, said wedge member having a threaded bore and a screw threadingly engaging the bore for contacting with the rod, for the purpose set forth.

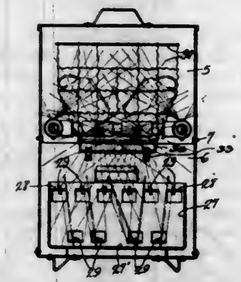
1,623,202. PHOTOGLAZING METHOD AND APPARATUS. JAMES W. PASSMAN, Newark, Ohio, assignor to Pako Corporation, Minneapolis, Minn., a Corporation of Delaware. Filed Dec. 5, 1923. Serial No. 678,697. 43 Claims. (Cl. 95—1.)



1. A print-glazing apparatus having in combination, a revoluble rigid member having a smooth polished peripheral surface and a flexible member adapted to contact and travel with said surface for a portion of its revolution and carry a photographic print with the emulsion side thereof against said surface, said print being carried between said revoluble member and said flexible member.

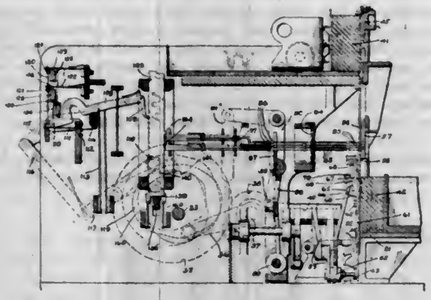
1,623,203. DISHWASHER. JOHN F. PATTERSON, Warren, Ohio. Filed July 14, 1919. Serial No. 310,599. 1 Claim. (Cl. 141—9.)

In a dish washing machine the combination with a receptacle, of superposed spaced containers within the receptacle, the upper container being foraminous and spaced from the walls of the receptacle, a pipe extending continuously around but spaced from the upper container and located between said container and the wall of the receptacle, said pipe being parallel with the bottoms of the containers, there being a series of apertures in the pipe opening inwardly therefrom toward the bottom portion of the upper container, and a series of apertures opening upwardly from said pipe to deliver jets between the upper container and the walls of the receptable, an outwardly



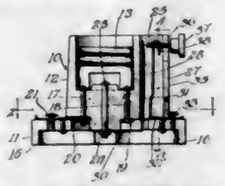
tapered valve for controlling the flow of water through each aperture and a spreading head at the outer end of the valve supported thereby outwardly beyond the opening, the spreading head adjacent one series of openings constituting means for breaking up the jets of water issuing from said openings and spraying them inwardly and upwardly and the heads upon the valves adjacent the other openings constituting means for breaking up the jets issuing from said openings to spray them inwardly, upwardly and downwardly into both containers.

1,623,204. TABULATING APPARATUS. JOHN ROYDEN PEIRCE, New York, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a Corporation of New York. Filed June 3, 1924. Serial No. 717,498. 23 Claims. (Cl. 235—92.)



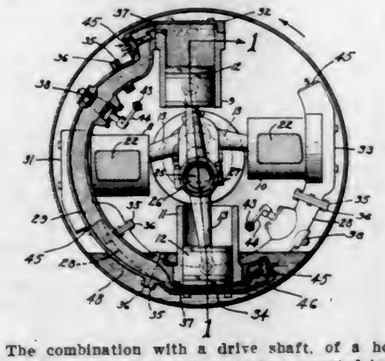
3. A record controlled machine comprising analyzing devices for combinational hole readings, relatively movable combs controlled thereby, a fixed comb cooperatively disposed with respect to the relatively movable combs, all of said combs having notches thereon, means adapted to slidably sweep over the movable and fixed combs and to be arrested upon reaching an open alignment position of the notches of all said combs, contact devices adapted to be operated by said last mentioned means when arrested, circuits controlled by said contact devices, magnets in said circuits, and parts controlled by said magnets for the purpose described.

1,623,205. ELECTRIC RECEPTACLE. JAMES W. PHELPS, Chicago, Ill. Filed May 24, 1924. Serial No. 715,555. 8 Claims. (Cl. 200—115.5.)



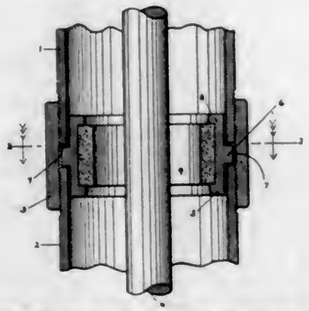
1. In a device of the kind described, a unitary body member having an up-standing socket for an incandescent lamp base and a protected chamber of substantially equal height for housing a thermo element.

1,623,206. FLUID-TRANSMISSION MECHANISM. CUSHMAN POTTER, Houston, Minn. Filed June 13, 1923. Serial No. 645,109. 5 Claims. (Cl. 192—60.)



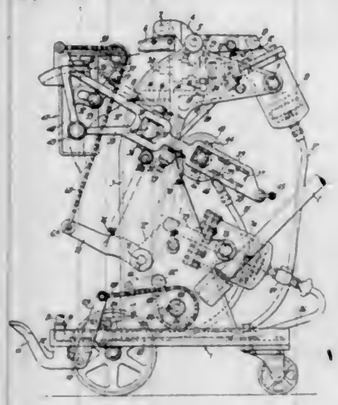
1. The combination with a drive shaft, of a housing mounted to revolve therewith, cylinders mounted in pairs in said housing in opposing relation, each cylinder of a pair being offset or out of alignment with the other cylinder of the same pair, a shaft having double cranks, pistons for said cylinders connected respectively with said cranks, circulating passages connecting the cylinders of the same pair for conducting the inelastic fluid from one cylinder to the other of the same pair, said passages having intake ports and valves therefor communicating with a fluid supply, the offsetting of said cylinders creating a suction in said passages and opening said valves, and means for interrupting the flow of the inelastic fluid through said passages to check the stroke of said pistons and transmit power to said cranks and shaft.

1,623,207. SHAFT BEARING. OSCAR POULSEN, Alameda, Calif. Filed July 14, 1922. Serial No. 575,047. 2 Claims. (Cl. 103—111.)



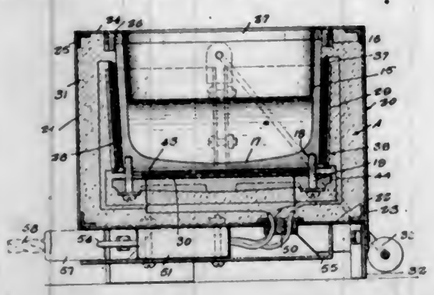
1. In combination with the discharge casing of a deep well pump and a rotating shaft therein, said casing being divided into sections spaced apart at their ends, a rubber cushion surrounding the inner side of said casing and adapted to prevent the whipping of said shaft, said cushion having a supporting member including an annular flange projecting from said member and secured between said sections, adapted to hold said cushion away from said shaft.

1,623,208. MACHINE FOR STRIPPING VULCANIZED ARTICLES. CHESTER J. RANDALL, Woonsocket, R. I., and CHARLES WURTENBERG, Union City, Conn., assignors to The Goodyear's Metallic Rubber Shoe Company, Naugatuck, Conn., a Corporation of Connecticut. Filed Feb. 1, 1924. Serial No. 689,858. 18 Claims. (Cl. 18—2.)



1. In a machine for stripping angular articles of vulcanized material from forms, means for gripping the form, means for gripping the article, and means for separating the form and article by successive relative movements of rotation and revolution.

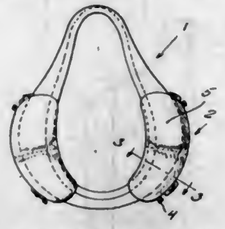
1,623,209. ELECTRIC MELTING POT. FRANK SCHUSTER, Richmond Hill, N. Y. Filed Dec. 16, 1925. Serial No. 75,813. 10 Claims. (Cl. 219—44.)



1. An electric melting pot comprising an inner vessel, an outer jacket surrounding and receiving the said vessel, an electric heating element disposed in the jacket in close proximity to the inner vessel, an annular top plate secured to the upper edge of the jacket, and a heat insulating ring disposed between the upper edge of the vessel and said top plate.

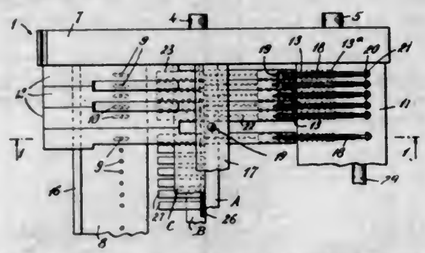
1,623,210. HORSE-COLLAR CUSHION. AUGUST H. STAHL, Grafton, Nebr. Filed Sept. 22, 1926. Serial No. 136,989. 1 Claim. (Cl. 54—65.)

As a new product of manufacture, an air cushion for a horse collar comprising a casing constructed to provide upper and lower bag receiving pockets, individual inflatable air bags in said pockets, each bag being provided with an inflation valve, said casing being provided along



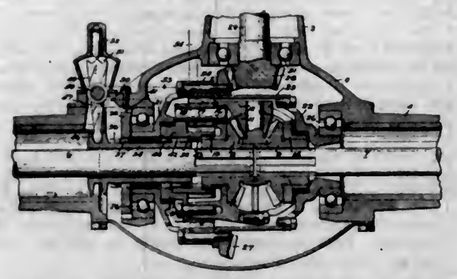
one edge with an extending flap, and resilient hooks carried by said flap and adapted to detachably mount the device upon said collar.

1,623,211. KEYBOARD FOR ORGANS AND THE LIKE. JOHN W. STARKIE, East Elmhurst, N. Y., assignor to The Aeolian Company, a Corporation of Connecticut. Filed June 29, 1923. Serial No. 648,586. 3 Claims. (Cl. 84—424.)



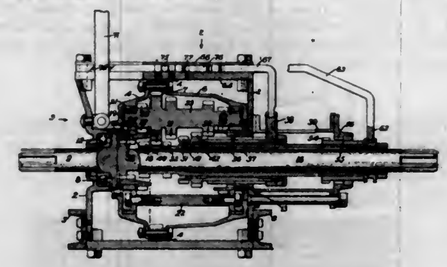
3. In combination, a manual for a keyboard instrument, supports at the ends of said manual; and pin and groove connections between said ends of the manual and said supports permitting the manual to be slid into and out of position thereon, there being two pins projecting from each end of the manual to engage the grooves in the supports, said grooves inclining downwardly from their forward open ends to their rear closed ends, which latter act as stops for the rear pins of the manual, and notches extending downwardly from the undersides of said grooves to receive the front pins and lock them against accidental displacement.

1,623,212. TRANSMISSION MECHANISM. CHARLES E. STARR, Oakland, Calif., assignor to Perfecto Gear Differential Co., Seattle, Wash., a Corporation of Washington. Filed May 10, 1922. Serial No. 559,697. 8 Claims. (Cl. 74—99.)



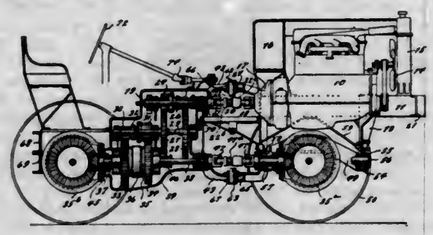
1. The combination with a differential gear system of a planetary gear system having its intermediate gears journaled on the differential casing and a ring fixed for rotation with the differential casing, the inner gear of the planetary system being journaled on said ring and on said differential casing.

1,623,213. TRANSMISSION GEARING. CHARLES E. STARR, Oakland, Calif., assignor to Perfecto Gear Differential Company, Oakland, Calif., a Corporation of Washington. Filed Nov. 19, 1923. Serial No. 675,474. 15 Claims. (Cl. 74—34.)
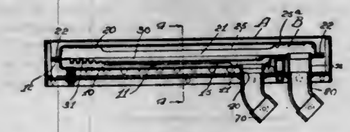


1. In a transmission gearing, a rotatable closed housing, a driving shaft connected for rotation with said housing, a driven shaft extending into said housing, a jack shaft within said housing and geared to both the housing and the driven shaft, a plurality of planet gears fixed on said jack shaft, a non-rotatable center gear adapted to mesh with each planet gear, and means for optionally engaging any center gear with its planet gear.

1,623,214. VEHICLE. NORMAN C. STOREY, Passaic, N. J. Filed Sept. 28, 1923. Serial No. 665,300. 11 Claims. (Cl. 280—33.)



1. A vehicle comprising a front and a rear truck frame, drive wheels rigidly but rotatably mounted on said rear frame, a wheel frame tiltably mounted on said front truck frame about an axis extending longitudinally of the vehicle, drive wheels mounted on said wheel frame, a vertical pivotal connection between said truck frames, a driving motor mounted on said forward truck frame, a transmission mounted on said rear truck frame, means comprising flexible couplings for transmitting power from said motor to said transmission, means for transmitting power from the transmission to the rear wheels, and means comprising flexible couplings for transmitting power from the transmission to the front wheels.

1,623,215. CAR HEATER. VICTOR SUSSIN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Feb. 12, 1926. Serial No. 87,731. 4 Claims. (Cl. 257—136.)



1. A heater for utilizing gaseous products of combustion,—as the exhaust gases of an internal combustion engine,—consisting of a pair of stamped metal members each formed with a longitudinally extending cavity, said members adapted to mutually close each other through-

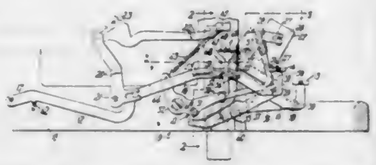
ont their longitudinal extent in common when assembled with said cavities facing each other, and a partition plate interposed between said members and united fluid-tight thereto at the margins of their cavities, said members having pipe connections leading into their respective cavities at opposite sides of said partition near the same end of the assembled structure, the partition being apertured near its opposite end for discharge of gases from one side of the partition to the other.

1,623,216. INSTRUMENT FOR GRAPHIC CONTROL. EUGENE SZEPESI, Boston, Mass. Filed Aug. 26, 1925. Serial No. 52,698. 5 Claims. (Cl. 116—135.)



2. A graphic control device comprising a supporting structure, graphic units removably supported by said supporting structure in superposed relationship, each of said graphic units comprising a casing having a sight opening in the front wall thereof extending longitudinally of the casing, an arrangement of rollers in the casing, a ribbon supported for movement by the rollers with portions thereof in overlapped relationship, a slide carried by the casing for longitudinal movement, the opposite ends of the ribbon attached respectively to front and rear portions of the slide, the end of the ribbon attached to the front portion of the slide so that the slide and one of the rollers maintain a portion of the ribbon movably disposed in front of another portion of the ribbon parallel thereto, the latter portion of the ribbon appearing through the sight opening, one side of the ribbon being distinctively colored and the other side having a scale whereby upon movement of the slide any particular part of the scale on a portion of the ribbon adjacent the sight opening may be exhibited adjacent a colored portion of the ribbon adjacent the sight opening.

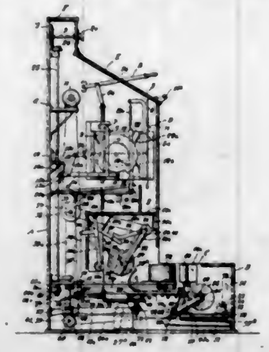
1,623,217. TYPEWRITING MACHINE. OTTO THIEME, Hartford, Conn., assignor to Underwood Computing Machine Company, New York, N. Y., a Corporation of New York. Filed Mar. 20, 1924. Serial No. 700,455. 13 Claims. (Cl. 235—102.)



1. The combination of a key-lever, a counter, actuating mechanism for said counter, said actuating mechanism comprising a toggle-joint, and an intermediate lever to be operated by said key-lever, said intermediate lever engaging the toggle-joint to actuate the latter to operate the counter.

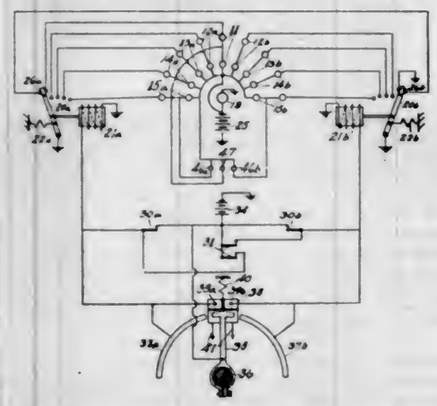
1,623,218. SHOE-POLISHING MACHINE. JOHN L. THOMPSON, Waterbury, Conn. Filed July 29, 1925. Serial No. 46,803. 11 Claims. (Cl. 15—32.)

3. In a shoe polishing machine, a casing, means for brushing the sides of a shoe, means for brushing the front of said shoe, means for brushing the heel of said shoe, means for reciprocating said side brushing means along the whole length of said shoe, and means for alternately



moving said front brushing means and said heel brushing means out of operating position when the side brushing means are at the front and rear of said shoe respectively.

1,623,219. VEHICLE SIGNAL. SAMUEL TOLMACH, New York, N. Y. Filed Aug. 23, 1919. Serial No. 319,374. 9 Claims. (Cl. 177—339.)

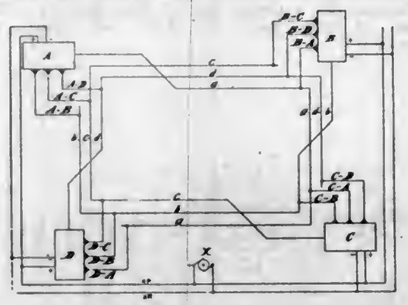


1. A vehicle signal consisting of a casing, means whereby said casing is divided into a series of radial compartments, means for providing a separate compartment at the centre of said radial compartments, illuminating means for each of said compartments, and means whereby the illuminating means of the radial compartments may be energized successively to simulate movement about said central compartment to indicate a change in the operation of the vehicle.

1,623,220. TELAUTOGRAPH SYSTEM. ARLEIGH N. VAN NOSTRAND, Flushing, N. Y., assignor to Telautograph Corporation, New York, N. Y., a Corporation of Virginia. Filed Apr. 14, 1926. Serial No. 101,905. 10 Claims. (Cl. 178—2.)

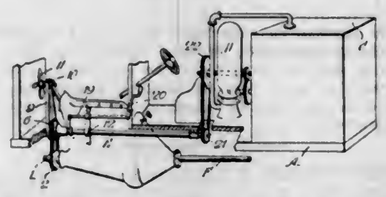
1. In a telautograph having a rheostat, a rheostat roller, and a pivoted arm on which the roller is mounted, the combination, with the rheostat roller, and the said pivoted arm, of a switch device arranged to control the master-switch circuit, a lever arranged to swing in a plane transverse to the plane of movement of the said roller-carrying pivoted arm, said lever being arranged to

actuate the switch device, and locking means movable with said pivoted arm and arranged to swing into and out of the path of said lever whereby the movement of said lever



is prevented when the said locking means is in the path of movement of said lever, and is permitted when said means is out of said path.

1,623,221. COMBINED AUTO TRUCK AND SPRAYER. ROBERT WEIMER, Apple Creek, Ohio. Filed Sept. 5, 1925. Serial No. 54,822. 2 Claims. (Cl. 180—53.)



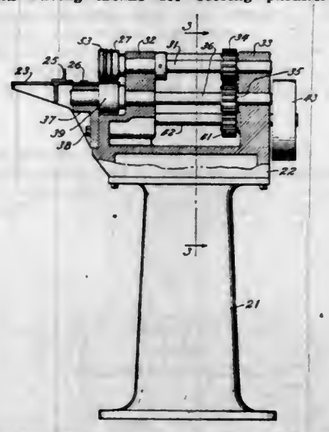
1. In a power spray rig, the combination with a motor vehicle engine and chassis, of a longitudinal shaft rotarily mounted on said engine, a bearing for one end of said shaft, a support bar for said bearing secured on said engine body, a driven pulley mounted idly on said shaft comprising a sprocket wheel and belt pulley solidly united and of different diameters and one member of a clutch, means for actuating said clutch manually, a drive pulley mounted on the opposite end of said shaft, a driven pulley in operative engagement with said drive pulley, a hydraulic force pump in operative engagement with said driven pulley, and means, including an attachment mounted on the engine drive shaft comprising a short spindle, a sleeve integral therewith, and a sprocket pulley on said sleeve, to drive said horizontal shaft.

1,623,222. ABRASIVE COMPOUND. JOHN FREDERICK WERDER, Cleveland, Ohio. Filed Mar. 6, 1926. Serial No. 92,943. 8 Claims. (Cl. 51—280.)

1. The method of preparing an abrasive compound containing soluble starch powder which comprises mixing the dry abrasive material and dry cold water paste, saturating the dry mixture with an aqueous solution, and stirring for a time sufficient to obtain a homogeneous substance but insufficient to permit substantial solution of the cold water paste.

1,623,223. SCORING MACHINE. MAGNUS E. WIDELL, Cincinnati, Ohio, assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 12, 1923. Serial No. 674,129. 7 Claims. (Cl. 113—15.)

1. A machine for scoring blanks for tearing strip containers, comprising different operation scoring rollers arranged in tandem relationship and driven in unison, a certain roller having means for scoring parallel bounding lines of the tearing strip, and another roller in line therewith having means for scoring parallel diagonal



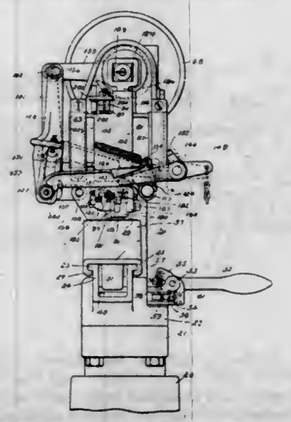
lines between said parallel lines, whereby a plurality of score designs are provided in a single machine and with a single sheet feeding operation.

1,623,224. KEY-HOLDING DEVICE. CHARLES E. YALE, Santa Monica, Calif. Filed Apr. 23, 1926. Serial No. 104,045. 8 Claims. (Cl. 59—96.)



1. A key holding device comprising a casing, a plurality of keys disposed within the casing, and swinging means for projecting all of the keys sidewise beyond the casing and to retain the keys under tension within the casing.

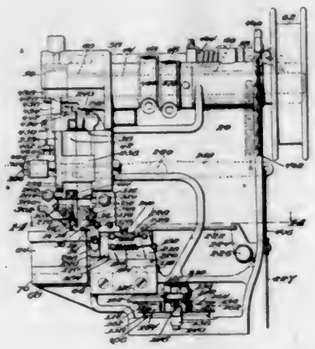
1,623,225. CHANNELING MACHINE. HARRIE A. BALLARD, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 3, 1920, Serial No. 421,485. Renewed Oct. 12, 1925. 75 Claims. (Cl. 12—27.)



70. In a machine of the class described, two reciprocating slides, a knife carried by one of said slides for

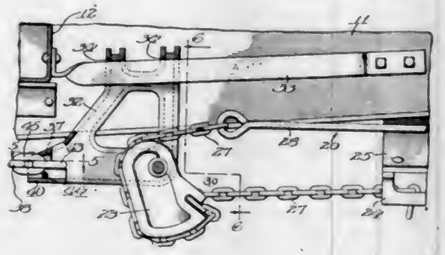
cutting an inner channel in a sole, a knife carried by the other of said slides for cutting an outer channel in a sole, means carried by each of said slides for feeding the sole, means for moving said slides simultaneously in opposite directions to cause said knives and said feeding means to act in alternation to cut and feed the sole, and means for controlling the extent of reciprocation of the slide carrying the knife for cutting the inner channel.

1,623,226. CHANNELING MACHINE. HARRIS A. BALLARD, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Aug. 15, 1923. Serial No. 657,526. 61 Claims. (Cl. 12—27.)



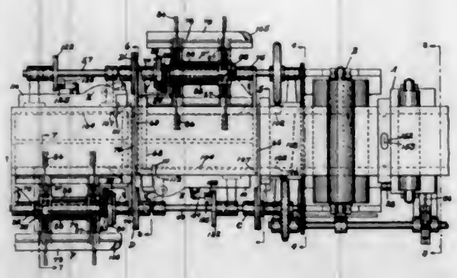
1. In a machine of the class described, feeding means intermittently operative to feed the work, cutting means movable opposite to the direction of feed to cut the work while said feeding means is operative and movable to starting position while said feeding means is inoperative, and means constantly in engagement with the work for imparting an additional feed movement to the work during the movement of the cutting means to starting position.

1,623,227. BRAKE MECHANISM. HERBERT E. BARTSCH, Chicago, Ill., assignor to Universal Draft Gear Attachment Co., a Corporation of Illinois. Filed Mar. 8, 1926. Serial No. 93,032. 8 Claims. (Cl. 74—110.)



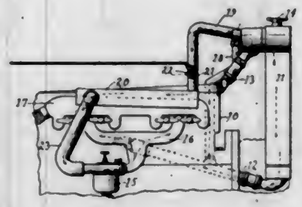
1. In a brake mechanism for railway cars, a brake lever, a brake staff, an expansible and contractible connection between said staff and lever, said connection comprising a reversible lever, an inclined support, and means slidably mounted on said support for supporting said reversible lever.

1,623,228. METHOD OF AND APPARATUS FOR SEVERING AND VALVING BAG TUBES. ADELMER M. BATES, GEORGE P. DORR, and JOHANN E. DANCKER, Chicago, Ill., assignors to Bates Valve Bag Company, Chicago, Ill., a Corporation of West Virginia. Filed Apr. 18, 1925. Serial No. 24,103. 44 Claims. (Cl. 93—8.)



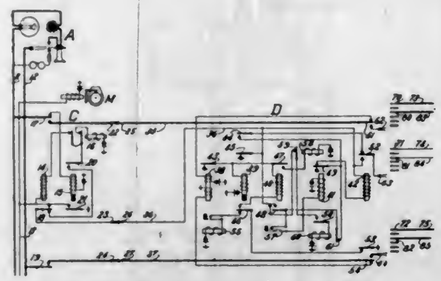
1. In combination, intermittent means for moving a bag tube longitudinally, two bag lengths at a time, and means to simultaneously sever two bag lengths from the tube while it is at rest, the severing means being constructed to cut each bag length longer on one side than on the other.

1,623,229. WATER CIRCULATOR AND AIR MOISTENER FOR WATER-COOLED INTERNAL-COMBUSTION ENGINES. RILEY BECK, Dows, Iowa. Filed Jan. 12, 1925. Serial No. 1,979. 1 Claim. (Cl. 123—25.)



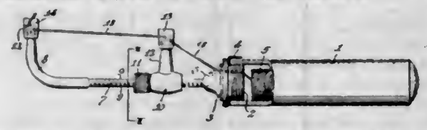
The combination with an internal combustion engine including a water jacket, a carburetor, air intake and a radiator, the latter being closed at its top, of a water pipe communicating between the bottom of the radiator and the water jacket, an air inlet pipe communicating with said water pipe at a point between the radiator and jacket and extended upwardly to a point above the water level of the radiator, a water pipe communicating between the top of the water jacket and the top of the radiator, an air pipe communicating with the top of the radiator and extended first upwardly and rearwardly and then downwardly and communicating with the carburetor air intake, and a manually controlled air valve in said latter air pipe, for the purposes stated.

1,623,230. TELEPHONE SYSTEM. JOHN I. BELLAMY, Brookfield, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Original application filed Oct. 12, 1921, Serial No. 507,182. Divided and this application filed Oct. 23, 1925. Serial No. 64,301. 22 Claims. (Cl. 179—18.)



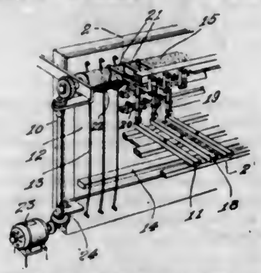
1. In an automatic switch having a directively controlled primary movement and a secondary movement, a line relay, a release relay, a relay for controlling the change over from primary to secondary movement, and a single pair of contacts on said line relay directly controlling said release and change over relays.

1,623,231. FLOSS HOLDER. CLARENCE B. BOWLING and HUBERT BULMAN, Detroit, Mich. Filed May 2, 1925. Serial No. 27,371. 1 Claim. (Cl. 132—92.)



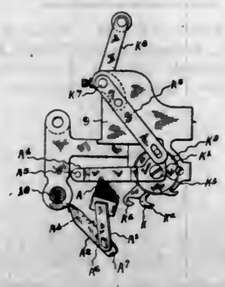
In a floss holder having a bow provided with an outer head, and a sleeve adjustable on said bow and supporting an inner head, said inner and outer heads having vertical longitudinal slots, side bottom slots, and front and rear openings, the slots and openings adapted to receive a piece of floss to be drawn taut by adjustment of said sleeve on said bow, said outer head having angularly disposed slots either of which is adapted to receive the outer end of the floss.

1,623,232. TONE-SUSTAINING MECHANISM. CHARLES CHADWICK, Brooklyn, N. Y. Filed Jan. 29, 1926. Serial No. 84,710. 6 Claims. (Cl. 84—245.)



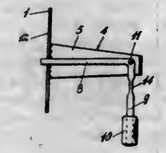
2. In a device of the class described, the combination of a sonorous member, a vibratory member of approximately the same frequency as said sonorous member, means for initially imparting a vibratory action to said vibratory member, a rotatable member, and co-acting means for sustaining the vibrating action of said vibratory member after the actuation of said means and for transmitting the vibrations to said sonorous member.

1,623,233. KNOTTING MECHANISM FOR KNITTING MACHINES. EDGAR W. CLARKE, Hamilton, Ontario, Canada, assignor to Mercury Mills, Limited, Hamilton, Canada. Filed July 1, 1925. Serial No. 40,877. 7 Claims. (Cl. 289—2.)



2. The combination with a bill hook for forming a loop knot in parallel thread parts; means for actuating the bill, of a movable brush adapted to sweep over the bill and carry the loop along the threads away from the bill hook; and means operable by the bill actuating means for operating the brush.

1,623,234. GRADE INDICATOR. CHARLES W. CUTTER, Long Beach, Calif. Filed Oct. 29, 1925. Serial No. 65,582. 1 Claim. (Cl. 33—218.)



A grade indicator comprising a face plate having a slot therein, a scale on said plate, a bracket secured to said plate, an indicating finger pivoted to said bracket, an arm integral with said finger and depending therefrom, and a weight on said arm, said arm having a reduced neck portion thereon, whereby the weight may be adjusted to correct the setting of the finger by flexing the arm at said neck portion.

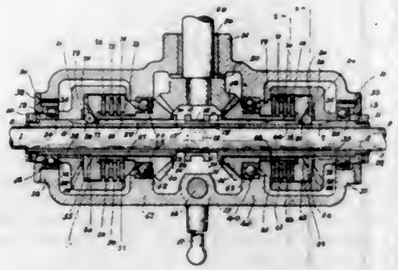
1,623,235. NOTEBOOK HOLDER. CHARLES L. DAHLBERG, Des Moines, Iowa. Filed Sept. 30, 1925. Serial No. 59,493. 4 Claims. (Cl. 129—1.)



2. A note book holder comprising a body portion having at one end a staple member, one end of said staple member being secured to said body portion and the other

end overhanging the end of said body portion, means for closing said staple member comprising a plate slidably mounted on said body portion, and means for locking said plate against inward or outward movement when in a closed position.

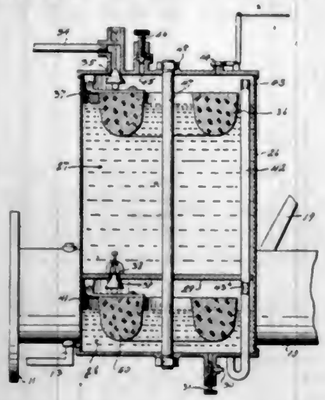
1,623,236. FRICTION CLUTCH. WILLIAM C. DE ROO, Cincinnati, Ohio, assignor to The Dreses Machine Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Jan. 9, 1925. Serial No. 1,397. 24 Claims. (Cl. 192—21.)



1. In a friction clutch, a driving shaft, a plurality of wedges, a clutch member mounted concentric of said shaft and having a beveled side having a plurality of grooves therein, an engaging member in each of said grooves, circularly retracting springs connecting said engaging members and received within the beveled side of said clutch member, a driven member and manually operative means adapted to actuate said wedges into simultaneous engagement with said engaging members whereby said engaging members are forced into uniform engaging contact with said clutch member whereby said clutch member is forced into clutching frictional engagement with said driven member.

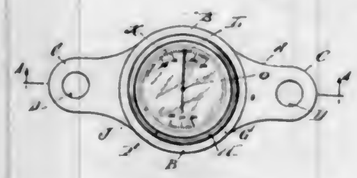
22. In a friction clutch, a driving shaft, a driven shaft, a pair of sleeves splined to said driving shaft and each having spaced apart allned longitudinal grooves therein, a spacing sleeve mounted on said driving shaft and intermediate said pair of sleeves, longitudinal wedges slidably mounted in said alined groves, respectively, and having their ends beveled and each having a centrally disposed transverse groove therein, a collar mounted on said spacing sleeve and received in said transverse grooves and having a circumferential groove therein, a fork in said circumferential groove, manually operative means having operative connection with said fork whereby said collar is adapted to be moved longitudinally on said spacing sleeve and simultaneously slide said wedges longitudinally of said driving shaft, the directional movement of said manually operative means controlling the slidable directional movement of said wedges, a bevel gear rotatably mounted around each of said pair of sleeves, respectively, and each having an extended hub having external teeth thereon, a plurality of spaced apart disks mounted on each of said bevel gear hubs and meshing with said teeth thereof, a gear keyed to said driven shaft and in permanent mesh with both of said bevel gears, a clutch hub keyed to each of said pair of sleeves, respectively, and having internal teeth, a plurality of disks mounted in each of said hubs, respectively, and in mesh with the internal teeth and one of each set of said last disks having a plurality of inclined grooves therein, respectively, in alinement with said longitudinal grooves, a cylindrical roller in each end of each of said longitudinal gro ves, respectively, and extending into the adjacent incline groove and adapted to be engaged by the adjacent beveled end of one of said wedges, whereby manual operation of said manually operative means is adapted to force one of said grooved disks into frictional driving engagement with the adjacent disks whereby rotary movement is imparted to said driven shaft.

1,623,237. VACUUM-FUEL SYSTEM FOR CARBURETORS. NOBLE ECKLES, San Diego, Calif., assignor of three-fourths to Lewis W. Rhode, San Diego, Calif. Filed Jan. 20, 1921. Serial No. 438,689. 1 Claim. (Cl. 158—36.1.)



A carburetor having a suction passage, a spray nozzle discharging into the suction passage and a fuel tank divided into two chambers, one of said chambers being connected to the spray nozzle at its lower end, the other of said chambers having a fuel inlet pipe, a float means controlling the inlet into the last named chamber, a float controlling the passage of fuel from the last named chamber to the other chamber and a pipe in continuous communication with the upper ends of both chambers and with the suction passage of the carburetor whereby to maintain a partial vacuum in the upper portion of both fuel chambers while there is a partial vacuum in the suction passage of the carburetor, means adjustably regulatable for relieving without breaking a partial vacuum formed in the fuel chambers and manually operable means for breaking the vacuum of the chamber.

1,623,238. DYNAMOMETER GAUGE. THOMAS H. FROST and PAUL HEYMANS, Brookline, Mass. Filed May 8, 1925. Serial No. 28,804. 13 Claims. (Cl. 265—68.)

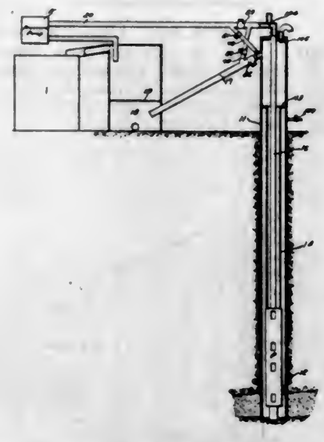


1. A stress measuring instrumeat comprising, in combination, a prime indicator adapted to be distorted by the stress, a gauge adapted to measure a linear dimension, a single fastening element for removably mounting said gauge on a part of said prime indicator for contact between said gauge and another part of said prime indicator adapted to be relatively displaced according to the stress to be measured.

1,623,239. HYDRAULIC PUMP AND SYSTEM. EDWIN B. GALBREATH, Long Beach, Calif. Filed Dec. 8, 1924. Serial No. 754,510. 20 Claims. (Cl. 103—44.)

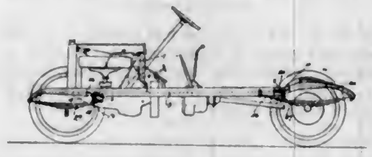
1. In the elevating of oil from a deep well equipped with a duplex double-acting pump comprising power cylinders in the well and with a power pump outside the well, and an oil delivery string having an interior pipe

therein, a method which comprises: advancing a power fluid continuously downward from said power pump through said interior pipe and intermittently through



said power cylinders, while conducting from said duplex pump, through said delivery string, a mixture of said power fluid and the fluid pumped thereby.

1,623,240. LUBRICATING SYSTEM. COY C. GOODRICH, San Francisco, Calif. Filed June 23, 1924. Serial No. 721,887. 2 Claims. (Cl. 184—7.)



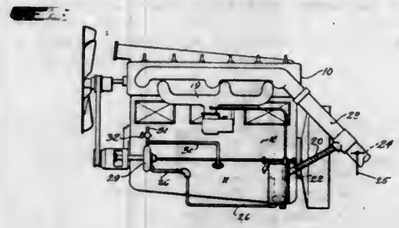
1. A distributing head for a pumping system comprising a casting recessed to communicate with the discharge port of the pumping system, a spring pressed cup slidable in the recess and normally closing said port and positioned to intercept and to close the cylinder so as to force the lubricant to spread, longitudinal grooves along the wall of the recess allowing the spreading lubricant to be forced thereinto and transverse ports communicating with the grooves having passages communicating therewith for guiding the lubricant to its various points of application.

1,623,241. FUEL AND METHOD OF PRODUCING SAME. CHARLES JASON GREENSTREET, Chicago, Ill., assignor to American Coalinoil Corporation, New York, N. Y., a Corporation of Delaware. Filed Sept. 13, 1922. Serial No. 588,053. 20 Claims. (Cl. 44—8.)

1. A fuel product comprising, finely divided, solid, carbonaceous materials, substantially free of impurities, a fluid fuel medium, and a substance capable of rendering the consistency of the fluid medium such as to receive and hold the solid fuel particles.

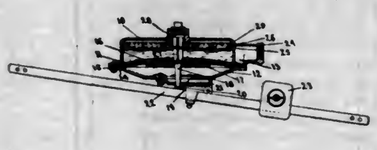
1,623,242. HEATER AND PURIFIER. JOSEPH GRUBER, Sioux Falls, S. D. Filed Dec. 7, 1925. Serial No. 73,572. 1 Claim. (Cl. 123—196.)

A device of the character described comprising a closed casing, a pipe extending thru the casing thru which to pass hot gases to heat the contents of the casing, an oil inlet near the bottom of the casing for connection to the crank case of an engine, an opening at the upper end of the casing for a tube to connect it to the intake conduit



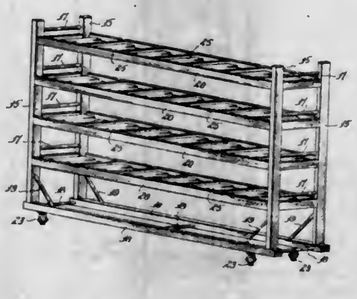
of an engine, a discharge opening near the bottom of the casing for connection of an oil circulating tube, an oil strainer in the casing overlying the latter opening, and a spring pressed valve connected to the upper end of the casing for opening inwardly of the casing.

1,623,243. STEAM-IMPELLED MOTIVE APPARATUS. CHARLES V. HAYNES, Ardmore, Pa., assignor to Hoffman Specialty Company, Waterbury, Conn., a Corporation of Illinois. Filed June 17, 1925. Serial No. 37,603. 7 Claims. (Cl. 236—26.)



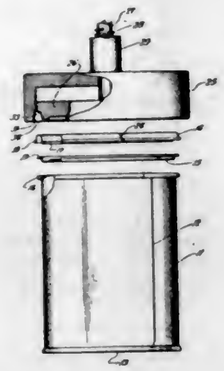
1. A steam impelled device of the character described, comprising a closed pressure chamber having a steam connection, a downwardly movable member closing said chamber below said steam connection, yieldable means constantly tending to move said member upward, and a displacer movable across the level of said steam connection in unison with movements of the aforesaid movable member.

1,623,244. SHOE RACK. JOHN E. HOOPER, Milford, Mass. Filed Jan. 22, 1925, Serial No. 4,106. Renewed Aug. 25, 1926. 7 Claims. (Cl. 211—14.)



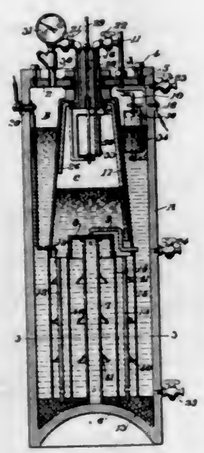
1. A cover for the trays of shoe-racks comprising a body portion to rest upon the bottom of the tray, and flaps depending from said body portion to guide anything falling from the cover away from the shoes in the trays below.

1,623,245. METHOD FOR CLOSING CONTAINERS. JOHN M. HOTHERSALL, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 18, 1925. Serial No. 24,045. 12 Claims. (Cl. 113—116.)



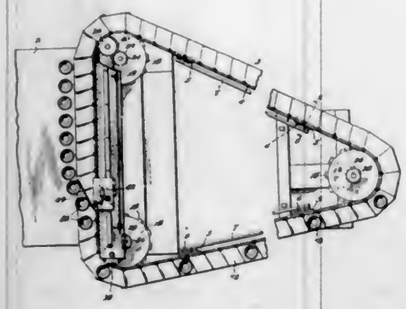
1. The process of closing containers, which consists in providing a container body having a horizontally extending rolled upper edge, positioning upon said body a cover having a flange adapted to overlie said rolled edge and a vertical wall part arrangeable within said body, providing a sealing ring of substantially the shape of an inverted U and having a rolled edge, arranging said ring over said body edge and cover flange, and pressing the rolled edge thereof downwardly to cause it to engage beneath the rolled upper edge of the can body.

1,623,246. ELECTROLYTIC CELL. ALBERT A. JAHNKE, San Francisco, Calif. Filed Aug. 20, 1925. Serial No. 51,479. 14 Claims. (Cl. 204—5.)



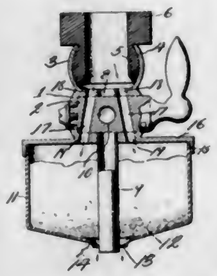
1. An electrolytic cell comprising a housing, anode and cathode electrodes in said housing, and a pair of gas collecting chambers formed within the housing and arranged one within the other, said chambers permitting accumulation and gradual pressure building of the gases received.

1,623,247. CONVEYER FOR LEER-CHARGING APPARATUS. FRED H. JOHNSON and SHERMAN R. LATHROP, Sapulpa, Okla. Original application filed Mar. 19, 1925, Serial No. 16,834. Divided and this application filed July 13, 1926. Serial No. 122,216. 8 Claims. (Cl. 198—129.)



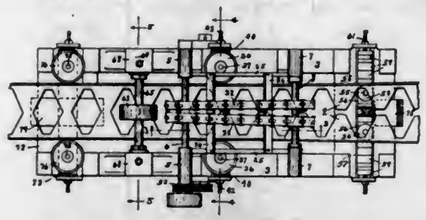
1. In an apparatus for the purpose set forth, an endless conveyer comprising a chain set on edge, and overlapping plates secured to and extending laterally from the chain.

1,623,248. FAUCET ATTACHMENT. FREDERICK JOSEPH and ISAAC P. CREAMER, New York, N. Y., assignors of one-third to Joseph Alterman, New York, N. Y. Filed June 25, 1925. Serial No. 39,547. 1 Claim. (Cl. 251—104.)



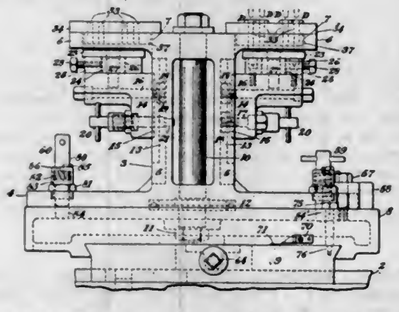
A valve comprising a casing, means carried by said valve casing for attaching the same to a faucet, a horizontally disposed valve rotatably mounted in the valve casing and provided with a centrally disposed transversely disposed port and with diverging ports at opposite sides of the first mentioned port, and in a plane at a right angle thereto, a member carried by said valve casing and provided with diverging ports adapted to register with the diverging ports of the rotatable valve, and a discharge pipe carried by said casing in the same vertical plane as the first mentioned valve port.

1,623,249. ELECTRIC-WELDING MACHINE. JULIUS KAHN, Youngstown, Ohio. Continuation of application Serial No. 683,707, filed Dec. 31, 1923. This application filed Sept. 10, 1925. Serial No. 55,466. 16 Claims. (Cl. 219—4.)



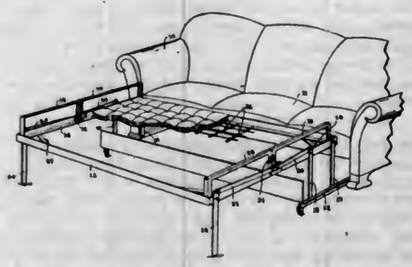
1. In an electric welding machine, parallel guides between which the work is slidable, and a conductor chain adapted to pass between the guides with the work.

1,623,250. APPARATUS FOR DRILLING AND THE LIKE. CHARLES D. KING, Rutherford, N. J. Filed Apr. 26, 1922, Serial No. 556,682. Renewed July 10, 1926. 15 Claims. (Cl. 77—63.)



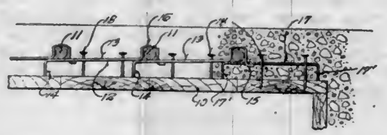
1. An apparatus for drilling and the like embodying a separate fixture-frame adapted to be secured in alinement with a drilling spindle, drill-guiding means fixed on the fixture-frame, a work-support movable toward and from the drill-guiding means and guided by means on the fixture-frame, means to secure blanks to the said work-support, and means to secure the work support on said fixture-frame immediately adjacent to the drill-guiding means for drilling and in a removed position on the fixture-frame for loading and unloading blanks.

1,623,251. FOLDABLE BED COUCH. OTTO KONRAD, Oshkosh, Wis., assignor to Three C Davenport Company, Oshkosh, Wis., a Corporation of Wisconsin. Filed Nov. 13, 1922. Serial No. 600,651. 2 Claims. (Cl. 5—53.)



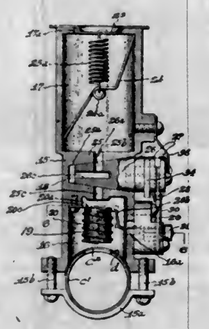
1. In a foldable bed, a supporting frame, a bed frame, said bed frame being formed in sections hinged to fold upon itself, means for extensibly supporting said bed frame upon said supporting frame, a brace member pivotally connected to said bed frame at each end thereof, said brace members each comprising two sections hinged together to fold only in one direction whereby said brace member may fold with said bed frame, said braces adapted in their operative position to prevent a folding of said bed frame and an outward displacement of the ends of said frame.

1,623,252. MEANS FOR REENFORCING CONCRETE FLOORS. OTTO KONRAD, Oshkosh, Wis. Filed Nov. 12, 1923. Serial No. 674,210. 2 Claims. (Cl. 72—122.)



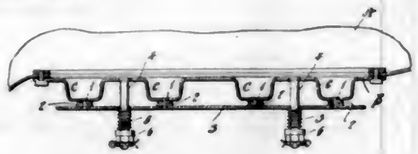
1. Reenforcing means for cementitious floors comprising longitudinally and transversely extending reenforcing members arranged in spaced relation, each of said transverse members consisting of a plurality of sections, each section being formed with a perforation and a hooked end, the hooked end of each section engaging the perforation of the next adjacent section, each section being shaped to engage one of the longitudinal members, the opposite end of each section being angularly bent to form a supporting leg.

1,623,253. ART OF VAPORIZING FUEL. CHARLES F. LARZELERE and CHARLES H. NEUMEYER, Flint, Mich. Filed Apr. 15, 1922. Serial No. 553,281. 28 Claims. (Cl. 123—180.)



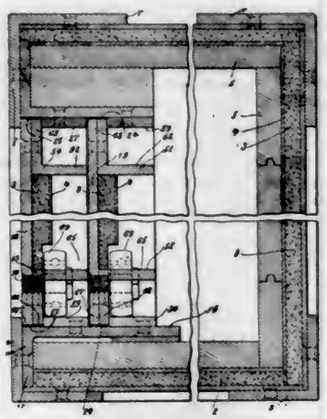
5. A vaporizing instrumentality for internal combustion engines comprising a casing having a retort portion and a fuel reservoir in superposed relation and spaced apart, a heat-vaporizing unit operative within the retort, and means interposed between the retort and reservoir for transferring fuel from said reservoir to the unit in the retort at will, said means including an element movably rotatively between two positions, said element having a pair of communicating ports, said ports being adapted to communicate with the reservoir and retort respectively, said ports extending radially and having their outer ends relatively positioned to maintain closure of one of such ends when the other end is in complete open position.

1,623,254. DRAINING MEANS FOR SPLASH TROUGHS OF INTERNAL-COMBUSTION ENGINES. GEORGE A. LAUVER, Ponca City, Okla., assignor, by mesne assignments, to William A. Morgan, Buffalo, N. Y. Filed Jan. 9, 1926. Serial No. 80,380. 3 Claims. (Cl. 184—106.)



1. In combination with the crank casing of internal combustion engines having a plurality of openings in the bottom thereof, a bar movable to and from the bottom, valves on said bar to close said openings, and resilient means engaging said bar and adapted to hold said valves seated in said openings.

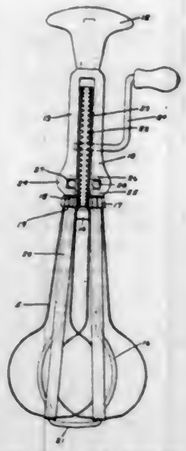
1,623,255. SAFE. OLIVER P. LE COMPTE, Baltimore County, and SAM A. CAHN, Baltimore, Md., assignors to Miller Safe Company, Baltimore, Md., a Corporation of Maryland. Filed Dec. 4, 1925. Serial No. 73,105. 18 Claims. (Cl. 109—1.)



1. A safe having inside and outside overlapping sliding doors, the safe walls and the doors having an interlocking connection on three edges of each door in the closed position of the latter, the fourth edges of the two respective doors being overlapped in said closed position, and each door having at the overlapping edge a portion projecting in the direction of closing, the projecting portions being interlocked inside the safe in the closed position of the doors both doors having integral outer surface portions and the outer door having a flange integral therewith, which flange covers and encloses the interlocking projections and closely contacts the inner door in the closed position of the doors.

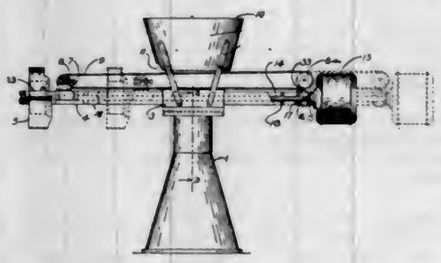
1,623,256. EGG BEATER. RICHARD B. LIENHARD, Newington, Conn., assignor to The Taplin Manufacturing Company, New Britain, Conn., a Corporation. Filed Mar. 30, 1925. Serial No. 19,413. 1 Claim. (Cl. 259—131.)

In an egg beater having as associated operating parts, a drive gear positioned between beater blade driving pinions and individual shafts for said pinions that are operatively held in place by a swaged portion of each of said shafts that is located between longitudinally spaced walls, a frame having side members that are separated by a space for admitting said drive gear, that are provided with recesses that are bordered by said walls, and that are provided with bores for unswaged portions of said shafts, and said recesses extending individually from



front to rear across said side members and opening inwardly into said space for the drive gear, whereby is permitted a close relation of the drive gear and pinions, involving the use of small pinions for obtaining relatively high speed and the supporting material of the side members extending around the recesses may unrestrictedly be provided with needed material for strength and rigidity.

1,623,257. MOLDING MACHINE. NELSON LITTELL, Brooklyn, N. Y. Filed June 6, 1924. Serial No. 718,215. 19 Claims. (Cl. 22—36.)

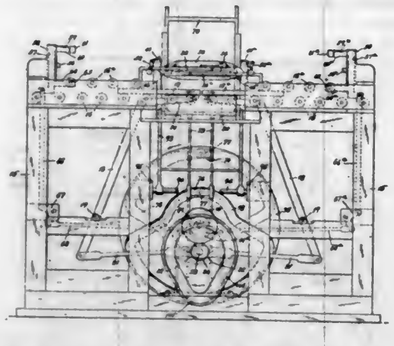


1. In a molding machine of the type described, a projector, means to operate the projector, a supporting mast, a pivot and a slide supported on said mast, means extending through said slide and slidable therein for supporting the projector and means for conveying sand or other molding material from over said pivot, to the projector.

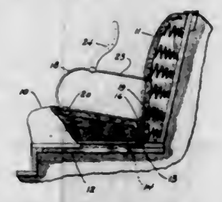
1,623,258. LOOM. JONATHAN LUCAS, Savannah, Ga., assignor to Lucas-Lamborn Loom Corporation, New York, N. Y., a Corporation of New York. Filed May 7, 1924. Serial No. 711,581. 16 Claims. (Cl. 139—141.)

1. A shuttle shifting and carrying mechanism for looms, comprising a pair of longitudinally movable carriers, means for inversely reciprocating the carriers in a continuous manner, a pair of fingers carried by each carrier, the fingers of one carrier being disposed in a plane different from that in which the fingers of the other

carrier are located, a shuttle, guide means upon said shuttle adapted to receive the fingers of each of the carriers simultaneously, and means whereby upon each completion of one of the strokes of said carriers the shuttle will be transferred from the fingers of one carrier to the fingers of the other.



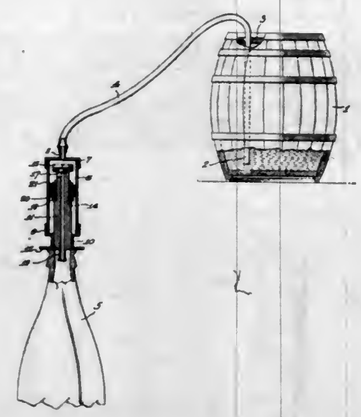
1,623,259. DEMOUNTABLE SEAT. HERMAN C. McGREGOR and DONALD B. McGREGOR, Berkeley, Calif. Filed May 11, 1925. Serial No. 29,313. 5 Claims. (Cl. 155—189.)



1. A substantially rigid auxiliary seat frame comprising the combination of a pair of side arm members, means connecting such members and holding the same in spaced relation, a portion of the rear end of the frame projecting laterally away therefrom, the frame being adapted to rest on an automobile seat and engaged against the back thereof with the said rear portion projecting downwardly between the seat and back cushion, and means adapted to be secured to the automobile and to cooperate with the said rear portion to hold the frame in place on the seat, the structure permitting the occupant of the seat frame to be held therein by a strap extending across the frame and connected to the arm members.

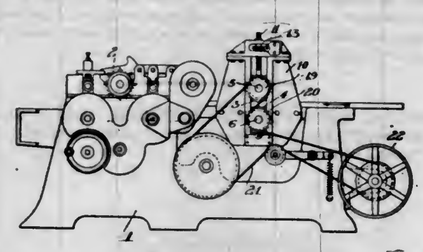
1,623,260. SIPHON STARTER AND AUTOMATIC SHUT-OFF. JOHN MOHN, Detroit, Mich. Filed Apr. 28, 1924. Serial No. 709,375. 1 Claim. (Cl. 226—25.)

A siphon starter and automatic shut off comprising a tubular piston rod having a discharge nipple adapted to extend into a receiving receptacle and a flange adjacent said nipple adapted for supporting said piston rod relative to the receiving receptacle, said piston rod having its upper end reduced to form a shoulder, an abutment carried by the upper end of said piston rod in opposed relation to the shoulder of said rod, said piston rod having a lateral opening adjacent said abutment, a piston reciprocable on the reduced upper end of said piston rod and limited in its reciprocation by said shoulder and said abutment, said piston closing the lateral opening of said piston rod when engaging said abutment, and a cylinder reciprocable on the lower end of said piston rod and adapted to shift said piston, said cylinder having its lower end adapted to abut the flange of said piston rod, the



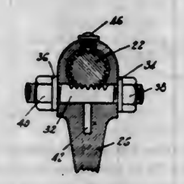
upper end of said cylinder adapted to communicate with a supply receptacle and afford an unobstructed chamber for the upper end of said piston rod.

1,623,261. METHOD AND MACHINE FOR SHREDDING WOOD. FRANK J. MOORE, North Tonawanda, N. Y. Filed Nov. 25, 1925. Serial No. 71,474. 4 Claims. (Cl. 144—185.)



1. The method of shredding wood which consists in slitting the surface of a board longitudinally and then feeding it endwise to a cylindrical planing cutter with circumferentially spaced knives which intermittently engage said slitted surface and product short, fine shreds.

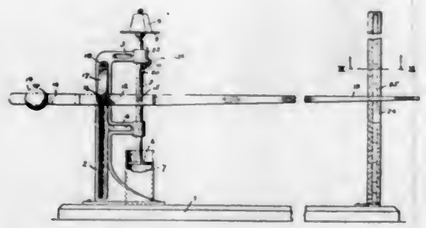
1,623,262. BRAKE-OPERATING MEANS. EMIL A. NELSON, Detroit, Mich., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 23, 1925. Serial No. 58,069. 14 Claims. (Cl. 287—52.)



1. Operating mechanism comprising, in combination, a shaft, an arm having a slotted hub encircling the shaft,

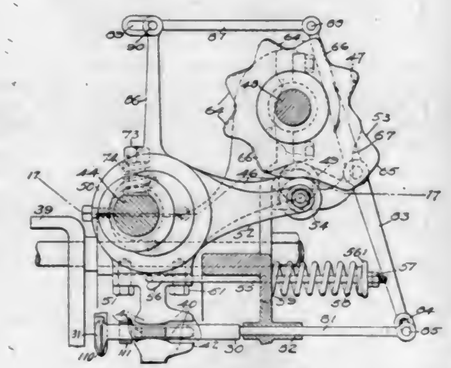
a member carried by said hub and engaging the shaft and movable lengthwise in the hub to turn the arm on the shaft, and means engaging said member and operable to contract the split hub on the shaft.

1,623,263. APPARATUS AND METHOD FOR DETERMINING THE MOISTURE CONTENT OF RAISINS AND THE LIKE. PAUL F. NICHOLS, Fresno, Calif., assignor to Sun Maid Raisin Growers of California, Fresno, Calif., a Cooperative Association of California. Filed Aug. 31, 1925. Serial No. 53,503. 3 Claims. (Cl. 73—51.)



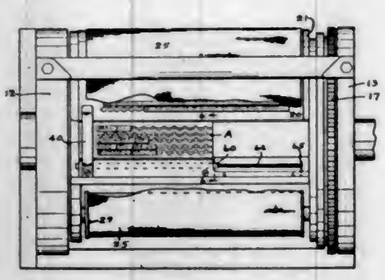
1. Apparatus for measuring the compression of a mass of raisins when subjected to a predetermined pressure comprising a compartment, means for applying a predetermined pressure on said mass of raisins contained in said compartment, an indicating arm connected to said means and adapted to move along a scale, said scale, which is calibrated to indicate by the lever movement the percentage of compression of said mass when said pressure is applied and a base member supporting said compartment and said scale.

1,623,264. SPIKE-FORMING MACHINE. FRED C. OLIN, Buffalo, N. Y. Filed Jan. 2, 1925. Serial No. 36. 15 Claims. (Cl. 10—59.)



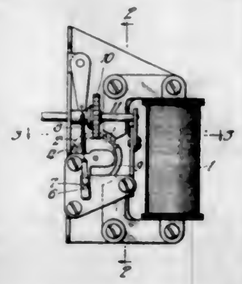
1. A machine of the character described, comprising a die having a convex face adapted to engage the shank of a spike, and means for moving said die bodily toward and from said shank and also rocking same in one direction while in engagement with said shank and in the opposite direction while out of engagement with said shank.

1,623,265. ADDRESSING MACHINE. HENRY C. OSBORN, Cleveland, Ohio, assignor to The American Multigraph Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 5, 1926. Serial No. 106,791. 18 Claims. (Cl. 101—52.)



3. In an addressing machine the combination with a support for an address plate, of an ejecting device adapted to engage such address plate and be moved to eject it, and a spring adapted to restore said device to its non-ejecting position.

1,623,266. NOISELESS CLOCK MECHANISM. ERNEST S. OSTLER, Chicago, Ill., assignor to Stromberg Electric Company, Chicago, Ill., a Corporation of Maine. Filed July 31, 1925. Serial No. 47,236. 2 Claims. (Cl. 172—238.)

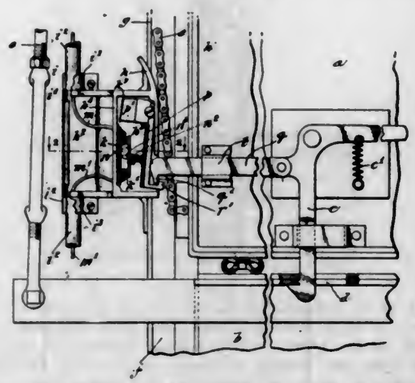


1. A step by-step movement mechanism comprising an electromagnet, a revoluble armature therefor rotated a partial step when the magnet is energized, and means for completing said step comprising a revoluble crank driven from said armature and a spring secured to said crank, said crank being rotated past the dead center of the line of spring action when the magnet is energized and the revolution of the crank being completed by the spring when the magnet is deenergized.

1,623,267. ELECTRIC INTERLOCK FOR ELEVATOR DOORS. ROBERT S. PEELLE, Hollis, N. Y., assignor to The Peelle Company, Brooklyn, N. Y., a Corporation of New York. Filed Apr. 10, 1925. Serial No. 22,188. 9 Claims. (Cl. 187—31.)

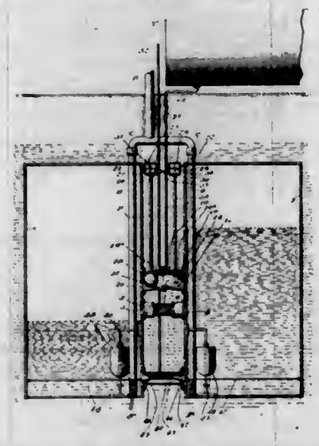
5. An electric interlock for elevator doors embodying therein the combination with a vertically movable door section, a spring, actuated latch mechanism carried thereby, and a guide structure for said section including a wall angle, of a housing secured to said wall angle having an opening therethrough adapted to permit the passage of a bolt, and a striker plate adapted to guide the bolt to said opening, an electrical switch mechanism in said housing arranged in circuit with the motor for actuating an elevator car, said switch mechanism including spaced

fixed contacts within said housing, a pivoted switch arm, a stem carried by said switch arm, a bridge contact slidably mounted upon said stem, a spring acting to normally thrust said bridge contact towards said fixed contacts, an overbalancing weight operative upon said switch arm to normally maintain said bridge contact out of engagement with said fixed contacts, a socket forming projection upon said switch arm projecting through the opening in said housing into engaging relation with a bolt, and a bolt operatively connected with said latch mech-



anism and adapted to pass through said opening and engage said switch arm when the door section is in the closed position, said bolt having a projection adapted to interlock with said socket-forming projection upon said movable switch arm when the door section is in the closed position, whereby said switch mechanism will be positively actuated to both close and open the circuit in which it is arranged substantially simultaneously with the setting and the release of said latch mechanism with the closing, or preparatory to the opening, of the door section.

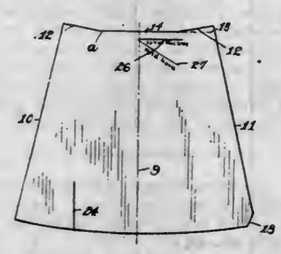
1,623,268. PUMP. JOHN W. PRICE and RICHARD M. LEAKE, Laramie, Wyo. Filed Jan. 20, 1926. Serial No. 82,534. 9 Claims. (Cl. 103—238.)



1. A pump including a pair of tanks, check valve controlled inlets to said tanks, discharge means for the tanks, an air line, a connection communicating with said air line and with both of said tanks at points below the maximum water level in the tanks, a valve member loosely mounted in the connection and shiftable therein under the influence of water flowing from one tank to the other and operable to control the communication of the air lines with the tanks and venting means associated with the tanks.

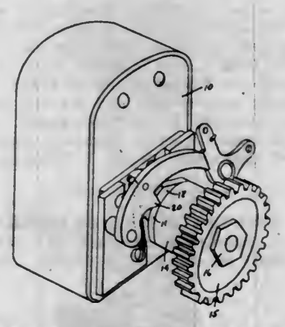
2. A pump including a plurality of connected tanks, inlet means for the tanks, discharge means for the tanks, a source of fluid under pressure, automatically operable venting means, and means connected with the source of fluid under pressure and with the tanks, said means including a valve operable by the action of the fluid under pressure and by the flow of water from one tank to another for controlling the communication between the source of fluid under pressure and the tanks.

1,623,269. DIED-OUT BLANK FOR RECEPTACLES. RODOLPHE R. REILLY, Port Washington, N. Y., assignor to Angel International Corporation, New York, N. Y., a Corporation of Maine. Filed July 30, 1924. Serial No. 729,034. 2 Claims. (Cl. 229—1.5.)



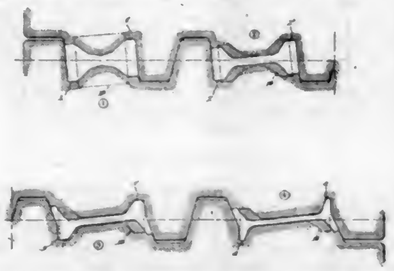
1. As an article of manufacture a receptacle blank of quadrilateral form having one end of arcuate shape the center of the curve of which lies in a line extending vertically to said end, with opposite sides converging from said curved end, and the opposite end of the blank having an intermediate portion extending in a horizontal plane with opposite end portions extending outward from and at an obtuse angle to the horizontal portion and terminating at the sides.

1,623,270. MAGNETO. BENJAMIN P. REMY, Indianapolis, Ind. Filed Dec. 1, 1925. Serial No. 72,524. 3 Claims. (Cl. 123—149.)



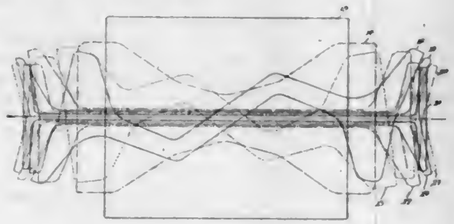
1. In a magneto, the combination of a rotor shaft, a driving shaft therefor flexibly connected thereto, said shafts having limited relative rotational movement, a combined cam and stop carried by the rotor shaft, a movably mounted catch for said combination cam and stop yieldingly engaging the same but forcibly and automatically movable into stop releasing position by the latter for permitting impulsive rotation of the rotor shaft by the flexible connection when the catch and combination stop and cam have been disassociated, and a second stop for limiting movement of the catch toward the combination cam and stop but permitting catch and combination cam and stop cooperation.

1,623,271. MANUFACTURE OF FLANGED BEAMS. NORMAN C. RENDLEMAN, Dormont, Pa., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Mar. 15, 1923. Serial No. 625,342. 20 Claims. (Cl. 80—66.)



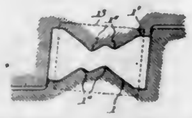
1. The process of rolling which comprises a series of two or more similar operations involving lateral spreading of a suitable billet or blank with comparatively slight reduction of cross-sectional area in proportion to the increase in width to produce a wide shallow section having short heavy flanges followed by repeated working of opposite sides to reduce and spread the flanges.

1,623,272. MANUFACTURE OF FLANGED BEAMS WITH THIN WEBS. NORMAN C. RENDLEMAN, Dormont, Pa. Filed July 2, 1923. Serial No. 40,861. 14 Claims. (Cl. 80—66.)



14. The process of rolling wide flanged shapes from narrow billets or blanks which comprises repeated multigrooving passes operating principally upon the medial region of the billet to thin and bend it into a blank having a zig zag web flanked by heavy flanges, and thereafter flattening and reducing said web and reducing said flanges simultaneously in successive passes according to the diagonal system wherein diagonally opposite flanges are operated upon simultaneously in alternation.

1,623,273. PROCESS OF ROLLING FLANGED BEAMS. NORMAN C. RENDLEMAN, Dormont, Pa. Filed July 14, 1926. Serial No. 122,373. 8 Claims. (Cl. 80—66.)



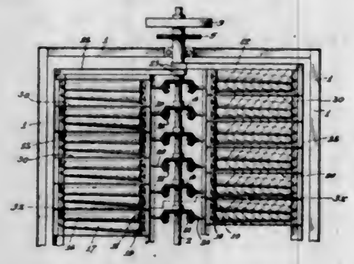
1. The process of rolling flanged beams which comprises repeated grooving passes operating first upon the portion of the blank intermediate its edges to form a longitudinally corrugated web with thick edge portions, and prognally corrugated web with thick edge portions, and progressively flattening out the corrugations and reducing and at the same time work the metal in the edge portions into the progressively widening web portion.

1,623,274. ADJUSTING AND HOLDING DEVICE FOR SHADE AND DRAPERY SUPPORTS. LULA H. ROBINSON, Dallas, Tex. Filed Dec. 26, 1925. Serial No. 77,706. 3 Claims. (Cl. 156—27.)



1. In an adjusting device for curtain and drapery supports, a track having a series of spaced depressions, a slide on the track, a lever pivoted between its ends to the slide and having a tongue on one end extending through the slide and engageable in a selected one of the depressions and having a curved slotted tail, a slidable member on the track having a headed pin engaged in the slot of the lever whereby upon downward movement of the member of the head the pin will ride on the curved tail of the lever and operate the tongue, and spring means to tension the member to normally hold the tongue in operative position.

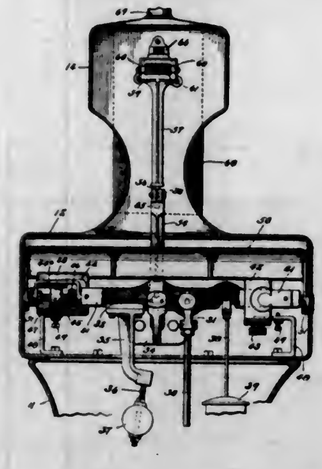
1,623,275. BEAN-SEPARATING MACHINE. JOHN H. RUTTLE, Carsonville, Mich. Filed May 19, 1924. Serial No. 714,330. 6 Claims. (Cl. 209—107.)



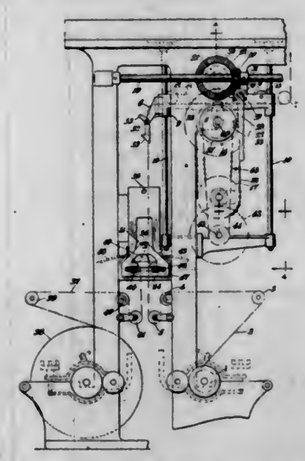
1. In a bean separating machine of the class described, a pair of inclined rolls arranged side by side, said rolls being tapered towards the lower ends and the axes thereof converged to maintain parallel relation between the meeting faces of the said rolls thereby forming a runway, feeding mechanism at the upper ends of said rolls, and means rotating said rolls outwardly with respect one to the other, whereby beans having rough or adhesive surfaces are lifted over said rolls.

1,623,276. WEIGHING DEVICE. HARRY C. SCHAPER, St. Louis, Mo., assignor to The Weight-O-Graph Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 27, 1923. Serial No. 627,954. 9 Claims. (Cl. 265—62.)

1. In a weighing device, the combination with weighing mechanism, of a screen, an oscillatory arm, a chart on said arm and divided into a series of weight-indicating zones, means for projecting said zones in an enlarged form onto said screen, and means operable by said weighing mechanism for moving said arm, said means being adjustable whereby when a load of predetermined weight is placed on said weighing mechanism, said chart zones are projected onto said screen in a predetermined relation.

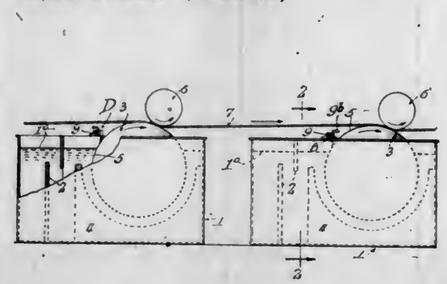


1,623,277. METHOD OF AND MEANS FOR UNINTERRUPTEDLY FEEDING A WEB OF FLEXIBLE MATERIAL WHILE CHANGING FROM ONE WEB ROLL TO ANOTHER. WALTER C. SCOTT, Plainfield, N. J., assignor to Isabella Scott and David J. Scott, executors of the estate of Walter Scott, deceased, doing business as Walter Scott & Company, Plainfield, N. J. Filed July 18, 1925. Serial No. 44,506. 72 Claims. (Cl. 242—58.)



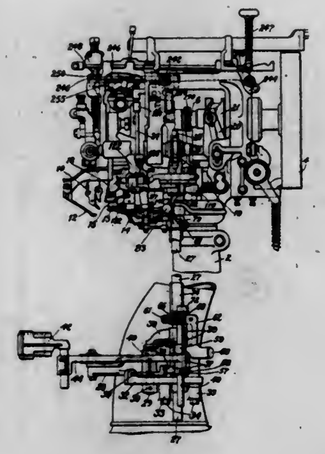
1. The method of joining two webs of flexible material which consists in: accumulating a surplus in an employed web, dissipating said surplus to thereby slow down the speed of a portion of the web, and then attaching a second web to the slowed-down portion of the first web.

1,623,278. WATER DECKLE FOR PAPER-MAKING MACHINES. FRED W. SEARS and ARTHUR BUCK, Three Rivers, Mich.; said Buck assignor to Rudolf Hueckler, Three Rivers, Mich. Filed Dec. 21, 1925. Serial No. 76,596. 9 Claims. (Cl. 92—43.)



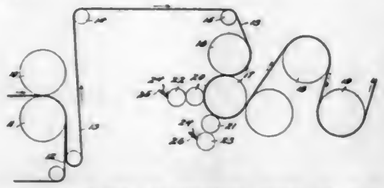
1. A water deckle embodying therein a header, a casing operatively connected to said header and means dividing the casing into a plurality of compartments, said casing having a slit like discharge mouth common to all of said compartments.

1,623,279. FASTENING-INSERTING MACHINE. THOMAS H. SEELY, Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed July 22, 1920. Serial No. 398,056. 16 Claims. (Cl. 1—6.)



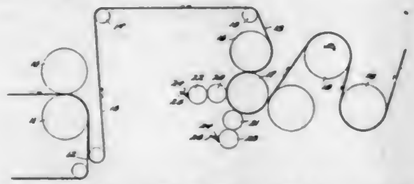
1. In a machine of the class described, the combination of an inclined raceway having a plurality of tack channels down which tacks travel supported by their heads with their stems inclined out of the vertical in a direction away from the end of the raceway, and a separator for the tacks arranged to separate tacks from either channel and having a delivery passage inclined to the vertical at an angle approximating the natural hanging angle of the tacks in the raceway.

1,623,280. DECORATED PAPER AND METHOD OF MAKING SAME. DANIEL A. SMITH, Chevy Chase, Md., and CHARLES P. STIRLING, Washington, D. C., assignors to District of Columbia Paper Manufacturing Company, Washington, D. C., a Corporation of Virginia. Filed July 14, 1925. Serial No. 43,514. 5 Claims. (Cl. 41—26.)



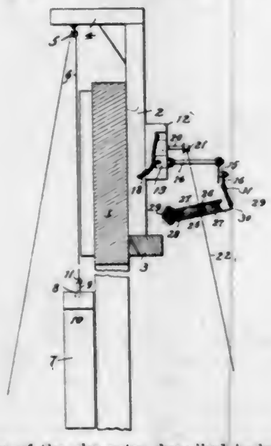
1. A process of making decorated paper by printing, comprising forming a sheet and removing the excess water therefrom, printing upon the wet sheet by means of a roll having a resilient surface and receiving its ink or color design from an engraved metal design cylinder, and subsequently drying the sheet.

1,623,281. MACHINE FOR MAKING DECORATED PAPER. DANIEL A. SMITH, Chevy Chase, Md., and CHARLES P. STIRLING, Washington, D. C., assignors to District of Columbia Paper Manufacturing Company, Washington, D. C., a Corporation of Virginia. Filed July 14, 1925. Serial No. 43,515. 3 Claims. (Cl. 101—152.)



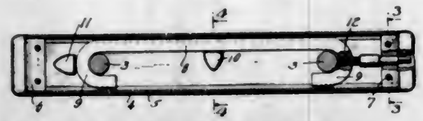
1. A machine for producing decorated paper comprising in combination, a paper making machine and a printing attachment therefor, the printing attachment consisting of an intaglio printing press incorporating an engraved metal design cylinder and an offset roll, the printing attachment being inserted in the paper making machine in advance of the final drying rolls.

1,623,282. INITIATING APPARATUS. MILO HERRICK SPAULDING, Bozeman, Mont. Filed Apr. 15, 1924. Serial No. 706,729. 3 Claims. (Cl. 272—9.)



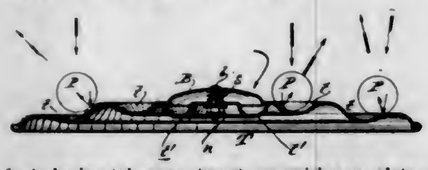
1. A device of the character described including a support, transversely spaced rods carried by the support, an ignitible member connecting the spaced rods, a guide connected to the support, a slide mounted on the guide, means engageable with the ignitible member for supporting the slide, and means for igniting the ignitible member for allowing the slide to drop on the guide.

1,623,283. LOCKING MECHANISM FOR LOOSE-LEAF BINDERS. WILLIAM J. STEENROD, Benton Harbor, Mich., assignor to Baker-Vawter Company, Benton Harbor, Mich., a Corporation of Michigan. Filed Sept. 23, 1926. Serial No. 137,228. 3 Claims. (Cl. 129—12.)



1. In a binder having a post bar equipped with a pair of posts fixed thereto and a hollow orificed removable post bar, locking mechanism housed within said removable bar including a rigid lock bar having semi-circular hooks at its opposite ends arranged to engage said posts, and a locking screw disposed longitudinally of said removable post bar at one end thereof and making screw-threaded engagement with said lock bar at the center of its adjacent hook.

1,623,284. GAME TARGET PLATE. EDWIN W. STODDART, New York, N. Y. Filed Aug. 4, 1926. Serial No. 126,984. 10 Claims. (Cl. 273—127.)

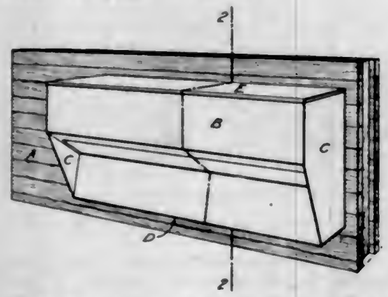


1. A horizontal game target comprising a plate the upper surface of which is formed with undulating curves surrounding an impact-soundable device, together with said soundable device, the latter being tiltably mounted.

1,623,285. SOUND RECORD. FREDERICK W. STONE, Montreal, Quebec, Canada, assignor to Central Commercial Company, a Corporation of Illinois. Filed Mar. 31, 1923. Serial No. 629,220. 1 Claim. (Cl. 106—1.5.)

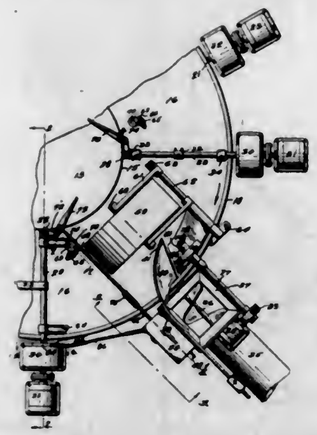
A sound record comprising in its composition a filler of pulverized slate reduced to a powder of air float fineness, and a suitable bonding material.

1,623,286. AIR CONTROL FOR VENTILATING SYSTEMS. JAMES L. STRAHAN, Fairfield, Iowa, assignor to The Louden Machinery Company, Fairfield, Iowa, a Corporation of Iowa. Filed June 1, 1926. Serial No. 113,035. 12 Claims. (Cl. 98—37.)



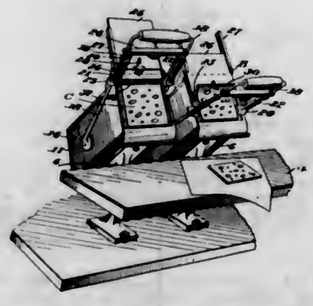
1. In an air control for a ventilating system, a housing, comprising an essentially rectangular hollow structure having an outer and an inner side with an opening in each side, the opening in the outer side to be placed adjoining an air intake opening, and a damper plate centrally pivoted in the housing so as to oscillate between the openings and to be normally adapted to close the outer opening, but also adapted when subjected to the pressure of a strong air current to close the inner opening.

1,623,287. CONTINUOUS-PUGGING WET PAN. HALVER R. STRAIGHT, Adel, Iowa. Filed June 23, 1924. Serial No. 721,850. 6 Claims. (Cl. 83—73.)



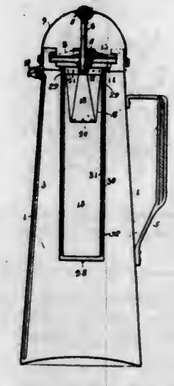
1. In a device of the class described, a pugging pan, a pugging mechanism within said pan, means for delivering material to be pugged to said pan, means for continuously supplying water to said material within the pan, means for driving said pugging mechanism, the quantity of water supplied being automatically controlled through the amount of power required to operate said pugging mechanism.

1,623,288. CHEESE CUTTER. JOSEPH FR. TOPINKA, Cleveland, and OTTO J. WEICHART, East Cleveland, Ohio. Filed June 10, 1926. Serial No. 114,943. 2 Claims. (Cl. 31—19.)



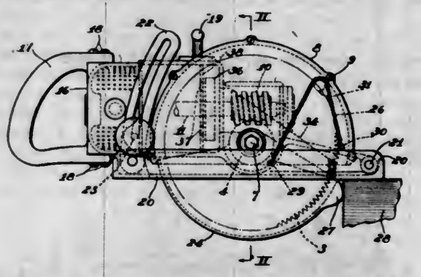
1. In a cutting and dispensing machine means for exposing predetermined quantities of product to be cut, a movable cutting knife for cutting off the section exposed, means for detaching the cut section, a glass cover for the exposed surface of the stock, means for raising and lowering said glass cover at the time the cutting knife is raised and lowered.

1,623,289. CARTRIDGE FOR FIRE EXTINGUISHERS. ALBERTO VEZZANI, Genoa, Italy. Filed Dec. 21, 1923, Serial No. 681,902, and in Italy Dec. 30, 1922. 1 Claim. (Cl. 169—32.)



A cartridge for fire extinguishers, comprising an outer wall, a flange provided thereon, and a double walled jacket formed of two co-axial tubes, an outer and inner tube, projecting from said flange, the said tubes being spaced from each other and from said outer wall, the space between said inner tube and said outer wall communicating with the cartridge through holes provided at the top of said outer wall, the space between said inner and outer tubes being open to the outside of said outer tube, said inner tube being open at its free end.

1,623,290. PORTABLE SAW. FRED W. WAPPAT, Pittsburgh, Pa. Filed July 26, 1926. Serial No. 124,867. 2 Claims. (Cl. 143—43.)

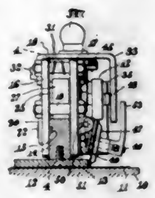


1. In combination in a portable saw, a motor, a circular saw driven thereby, a supporting frame for the motor and saw having a handle at its rear end, a fixed casing on the frame surrounding the edge and sides of the upper portion of the saw, a plate on the lower side of the frame pivoted at its forward end to the forward end of the frame in advance of the saw, securing means for the rear end of the plate for holding it at a plurality of points of vertical adjustment with respect to the frame, a guard or shield surrounding the portion of the saw lying below the plate pivotally supported in the casing concentric with the axis of rotation of the saw and adapted to telescope into the fixed casing when swung to the rear, and yielding means for holding the guard or shield in advanced position with its forward edge beneath the plate in position to be engaged by the work.

1,623,291. MARKING DEVICE. JAMES WEST, Jamaica Plain, Mass. Filed June 7, 1926. Serial No. 114,041. 17 Claims. (Cl. 33—36.)

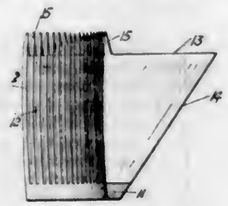
1. In a device of the class described, a guide member; a plate beneath said guide member having a straight

edge parallel to and at one side of said guide member; a framework adapted to travel along said guide member;



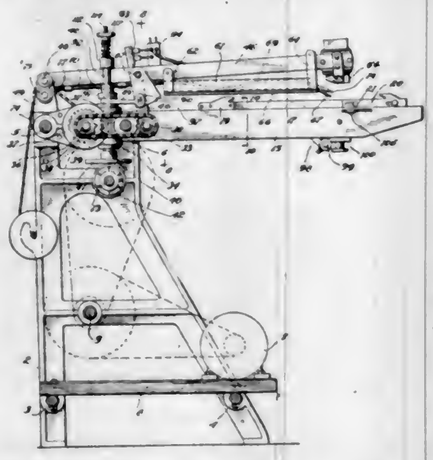
a marker carried by said framework; and yielding means for retaining said marker in contact with said straight edge.

1,623,292. HAIR-CUTTING COMB. ANNA M. WIDDOWS, Akron, Ohio. Filed May 3, 1924, Serial No. 710,788. Renewed Sept. 18, 1926. 3 Claims. (Cl. 132—45.)



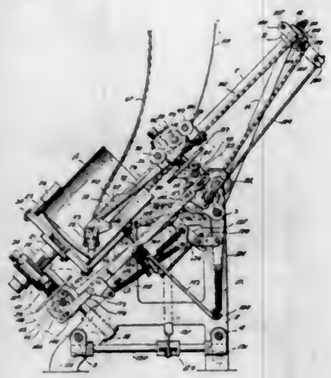
3. A comb of the character described, comprising a series of blade-like teeth which are substantially triangular in shape, said teeth being arranged in closely spaced relation and prongs on said blades forming, in effect, continuations of corresponding edges of the blades.

1,623,293. SOLDERING MACHINE. GEORGE W. WILLIAMS, Oak Park, Ill., and AXEL M. WALSTROM, Minneapolis, Minn., assignors to The Creamery Package Mfg. Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 30, 1924. Serial No. 710,004. 18 Claims. (Cl. 113—60.)



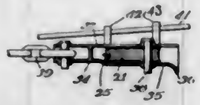
1. A soldering machine comprising a reciprocatory carriage for a cam body having a side seam, a heated soldering copper, a swinging arm supporting said copper adjacent the path of said seam, means for forwarding said carriage, and means operable by the movement of said carriage to rearward position to cause the actuation of said carriage forwarding means and to move said swinging arm to effect contact by said copper with said can seam.

1,623,294. SOLDERING MACHINE. GEORGE W. WILLIAMS, Oak Park, Ill., and AXEL M. WALSTROM, Minneapolis, Minn., assignors to The Creamery Package Mfg. Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 30, 1924. Serial No. 710,005. 31 Claims. (Cl. 113—77.)



1. A soldering machine comprising a rotatable head for holding a can having an annular seam, a heated soldering copper, a slidable carriage supporting said copper adapted to move said copper in and out of said can and into contact with said seam, means for actuating said carriage, means operable to rotate said head, and automatic means for effecting the operation of said head rotating means when said copper is in contact with said seam.

1,623,295. BRAKE MECHANISM. JACK WILSON, Chicago, Ill., assignor to Universal Draft Gear Attachment Co., a Corporation of Illinois. Filed July 3, 1926. Serial No. 120,445. 8 Claims. (Cl. 74—110.)

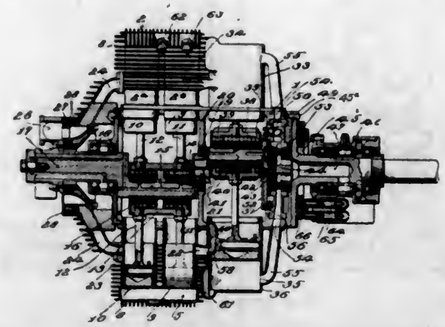


1. In brake mechanism for railway cars, a brake lever, a brake staff, an expansible and contractable connection between said staff and lever, including a reversible lever, a jaw member for pivotally supporting said reversible lever in horizontal position, and inclined supporting means for mounting said jaw member on said car.

1,623,296. TWO-CYCLE GAS ENGINE. BENJAMIN FRANKLIN AUGUSTINE, Buffalo, N. Y., assignor to Augustine Automatic Rotary Engine Company, Buffalo, N. Y., a Corporation of New York. Filed Apr. 26, 1922. Serial No. 556,740. 41 Claims. (Cl. 123—44.)

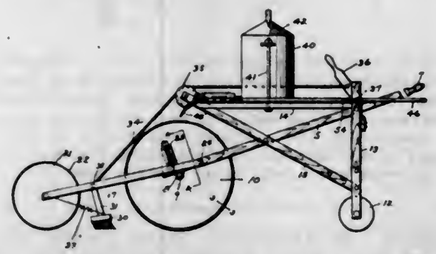
1. A two-cycle gas engine including in combination, a cylinder and a piston, said piston and cylinder having a movement relative to each other, single means outside of the cylinder and associated therewith for forcibly supplying the cylinder with the entire charge of fuel

gases continuously and at relatively low pressure during the entire intake period, and means whereby intake and



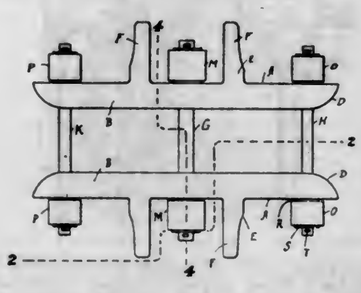
compression occur on one stroke of the piston and expansion and exhaust occur on the other stroke of the piston.

1,623,297. MARKER FOR PAVEMENTS. FREDERICK M. BALSLEY, Madison, Wis. Filed Oct. 9, 1922. Serial No. 593,465. 13 Claims. (Cl. 91—49.)



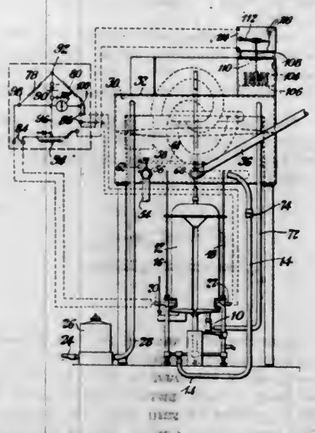
1. A pavement marking device including a frame, a marking wheel supporting said frame, a lead wheel guided by and yieldable vertically relative to said frame, resilient means acting between said wheel and frame to urge said wheel into contact with a surface traversed thereby, and a receptacle for marking fluid arranged to deliver such fluid to the periphery of said marking wheel.

1,623,298. TRUCK. FRANK M. BELL, Muncie, Ind., assignor to Robert G. Thompson and Eugene B. Simmonds, Muncie, Ind. Filed Aug. 4, 1924. Serial No. 729,899. 13 Claims. (Cl. 280—61.)



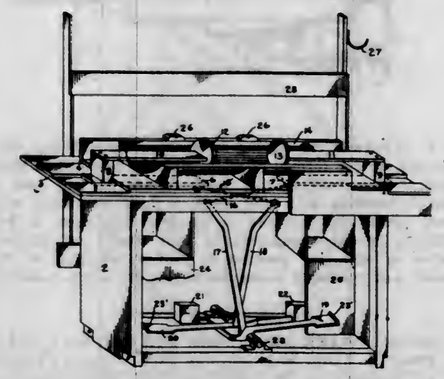
1. A truck of the kind described comprising outer parallel shafts, a shaft disposed centrally of and parallel to the outer shafts, side members disposed at a right angle to and engaging the shafts at locations near their ends, lateral arms on the side members provided with downturned ends, retainer devices on the ends of the shafts, and rollers journaled on the ends of the shafts between the side members and the retainer devices.

1,623,299. CALORIMETER. EDMUND G. BORDEN, Queens, N. Y., assignor to Doherty Research Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 30, 1922. Serial No. 609,820. 19 Claims. (Cl. 73—184.)



1. A method of determining the calorific value of gas which comprises burning gas in heat interchanging relation with water, continuously measuring the water prior to its being heated, continuously measuring the gas being burned by displacing the gas with the measured water volume for volume, and continuously recording the rise in temperature of the water due to the heat of combustion of the gas in terms of the B. t. u. value of the gas.

1,623,300. PACKAGE-WRAPPING DEVICE. ELLEN BRADY, Bloomfield, N. J., assignor to Henry Brady, Inc., a Corporation of New Jersey. Filed June 30, 1922. Serial No. 571,975. 2 Claims. (Cl. 93—2.)



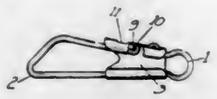
1. In a device of the class described, a bench and a support thereon conforming in part to the shape of the package to be wrapped, channels beneath said support,

and holding devices with slides adapted to slide longitudinally within said channels, a pair of bell cranks fulcrumed in said bench and having foot pieces each of which is adapted to slide one of said holding devices, links between the opposite ends of said bell cranks and their respective slides, and counter-balances adapted to normally hold said slides and holding devices in retracted position.

1,623,301. HEAT-RESISTING GLASS. RALPH F. BRENNER, Rochester, Pa., assignor to H. C. Fry Glass Company, Rochester, Pa., a Corporation of Pennsylvania. Filed May 9, 1922. Serial No. 559,609. 9 Claims. (Cl. 106—36.1.)

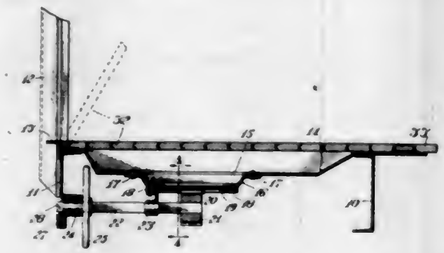
1. A heat resisting glass containing silica, boric oxide, an alkali oxide and aluminum oxide, the latter being in colloidal condition.

1,623,302. CATCH. JOSEPH BUFFINGTON, Pittsburgh, Pa., assignor of one-half to Charles J. Kirk, New Castle, Pa. Filed Aug. 13, 1923. Serial No. 657,192. 1 Claim. (Cl. 24—238.)



A catch consisting of a spring member formed in the shape of an unsymmetrical elongated loop with unequal sides, an eye member attached to the straight continuous side of said loop, a body member surrounding said eye member and a portion of said loop, an opening in said body member, and a hook on the curved leg of said loop arranged to engage with said opening in said body member.

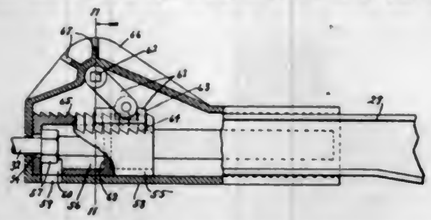
1,623,303. RAILWAY CAR. RICHARD W. BURNETT, Chicago, Ill. Filed May 31, 1923. Serial No. 642,600. 6 Claims. (Cl. 105—282.)



1. A railway car having an opening through the floor thereof, a door formed of metal slidably mounted in position to close said opening, teeth formed on said door, a pinion meshing with said teeth, a shaft connected with said pinion for rotating it to move the door, a key slidably mounted adjacent to said shaft and adapted when in operative position to prevent rotation of the shaft, and releasable means for locking the key in position.

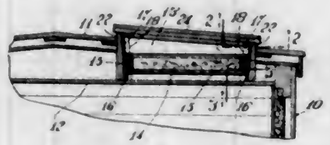
1,623,304. BRAKE MECHANISM FOR RAILWAY CARS. PERCY B. CAMP, Maywood, and JACK WILSON, Chicago, Ill., assignors to Universal Draft Gear Attachment Co., a Corporation of Illinois. Filed Dec. 6, 1924. Serial No. 754,287. 11 Claims. (Cl. 188—200.)

1. In a brake mechanism, the combination of a foundation brake gear, a brake cylinder for operating the foundation brake gear, and a hand brake for operating the foundation brake gear, including a hand power device and means connecting the hand power device and the



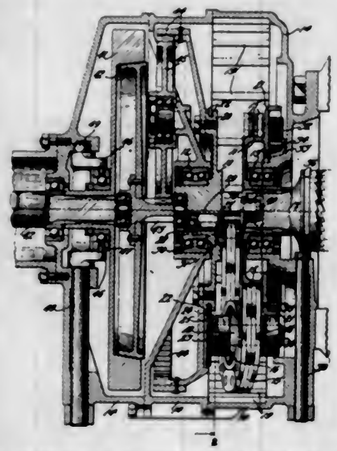
foundation brake gear automatically operable to adjust the hand brake during the brake applying movement of the foundation brake gear by air to compensate for slack.

1,623,305. REFRIGERATOR CAR. MATTHEW CARR, Berwyn, Ill., assignor to Joseph C. Carry, Chicago, Ill. Filed Aug. 19, 1926. Serial No. 130,300. 5 Claims. (Cl. 105—377.)



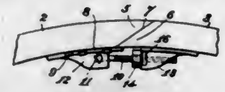
3. In a refrigerator car provided with a rectangular hatchway having walls converging downwardly, a corner shield of sheet metal secured in each corner of said hatchway, the corner portion of each shield being curved in cross-section, and a tapered plug adapted to be inserted in said hatchway, said plug being rectangular in cross-section and padded on all four side edges.

1,623,306. TRANSMISSION. ROLAND CHILTON, Keyport, N. J., assignor to Henley-Aeromarine Bus Company, Inc., a Corporation of New York. Filed June 29, 1926. Serial No. 119,378. 23 Claims. (Cl. 74—34.)



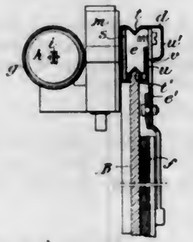
1. A planetary drive comprising in combination, a driving member, a driven member, a tension member wrapped about both of said members, an idler for said tension member adapted for planetary motion about the axis of said driving and driven members, and means adapted to restrict the idler to one way planetary motion.

1,623,307. TIRE RIM. ROBERT C. COLEMAN, Wind Gap, Pa. Filed May 5, 1924. Serial No. 710,992. 1 Claim. (Cl. 301—32.)



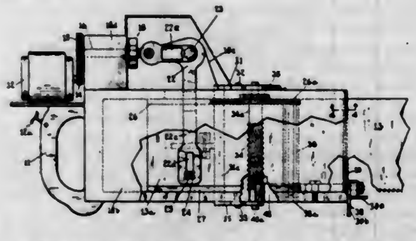
A demountable rim having the adjacent ends correspondingly beveled, an expansion bolt pivoted to said rim adjacent one end thereof, a pair of lugs on the other end of the rim adapted to receive said bolt between them, a nut on said bolt impinging against said lugs, said lugs being provided with transverse notches, and a bar on said bolt resting in said notches and held therein by said nut, substantially as described.

1,623,308. WINDSHIELD WIPER. JOSEPH DEMAND, New York, N. Y., assignor, by mesne assignments, to All Clear Windshields, Inc., Boston, Mass., a Corporation of Massachusetts. Filed June 7, 1921. Serial No. 475,768. 5 Claims. (Cl. 15—253.)



1. A combined wind shield and wind shield cleaner comprising a wind shield sash, a wiper carrier and means for automatically reciprocating said carrier, one structural element of said sash being tubular and serving as a hollow guideway through which said carrier is reciprocated and said carrier reciprocating means comprising a cylinder permanently attached to the tubular element of said sash in close parallelism therewith.

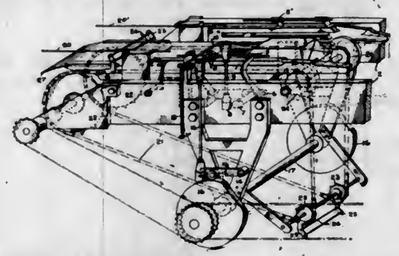
1,623,309. PORTABLE RECIPROCATING POWER SAW. LOUIS GEORGE ECONOM, North Plainfield, N. J. Filed Oct. 7, 1924. Serial No. 742,120. 13 Claims. (Cl. 143—68.)



1. A portable power saw of the character described comprising a casing, a saw blade mounted thereon for reciprocating movement, and a guide rest support slidably mounted to move with respect to the casing for feeding the saw blade during the cutting operation.

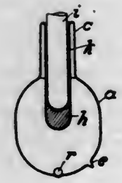
1,623,310. PAPER-BOX GUIDING AND CONVEYING MECHANISM. ADIN W. HILSINGER, Orange, N. J., assignor to Henry Brady, Inc., a Corporation of New Jersey. Filed June 30, 1922. Serial No. 572,095. 2 Claims. (Cl. 198—29.)

1. In a machine of the class described, a conveyer for successively engaging and feeding articles therethrough, and guide rails on pivotally mounted axes parallel with the line of feed, said rails adapted to move in a path



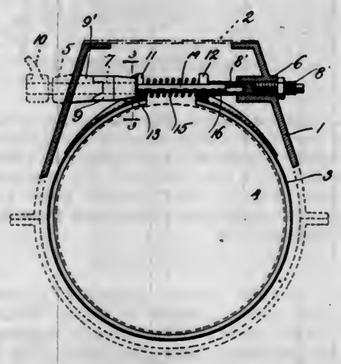
transverse to the line of feed for guiding said boxes and cam mechanism for the purpose of moving said guide rails toward and from each other.

1,623,311. METHOD OF MANUFACTURING DOUBLE-WALLED GLASS VESSELS. WILHELM HODECKER, Ilmenau, Germany. Filed May 4, 1926, Serial No. 106,631, and in Germany Dec. 12, 1924. 17 Claims. (Cl. 49—79.)



1. The herein described method of manufacturing double-walled glass vessels, which consists in manufacturing the outer wall of the vessel to be manufactured and forming the same with a cap, passing the said cap into the vessel in the form of a cup, filling so much glass into the said cup as is necessary for manufacturing the inner wall of the receptacle, and forming the cup and glass filled into the same into the inner wall of the vessel.

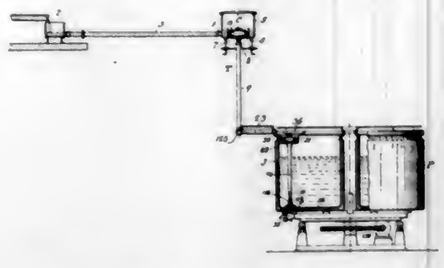
1,623,312. TRANSMISSION - BAND - OPERATING DEVICE. MICHAEL HOFFMAN, Los Angeles, Calif. Filed Oct. 13, 1924. Serial No. 743,260. 2 Claims. (Cl. 188—2.)



1. In a transmission, the combination with a drum, the band surrounding the drum, and having slotted members at its respective ends, a means for actuating one of said slotted members toward the other for tightening the band around said drum, comprising a cam section, a pedal to operate said cam section, and a shaft, extended through

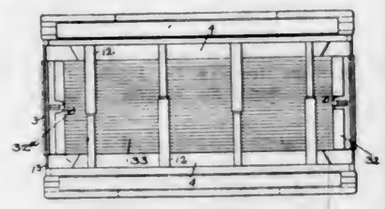
the slotted members of said band, said shaft having a cupped end for receiving the end of said cam section and bearing against the outside of one of the slotted members on said band.

1,623,313. MILK-TRANSFER SYSTEM. RALPH HORTON, New York, N. Y. Filed Sept. 1, 1926. Serial No. 132,991. 10 Claims. (Cl. 99—2.)



1. A milk transfer device comprising a float chamber having an inlet for the milk to be transferred, a float positioned within said float chamber, a transfer conduit leading from said float chamber to a lower level, a valve positioned in said transfer pipe in the region of said lower level, and means connecting said float to said valve in such manner that the valve unseats itself to open the lower end of the conduit only when the liquid column between the valve and the upper part of the float chamber has become so materially longer than the conduit that only liquid will pass into said conduit.

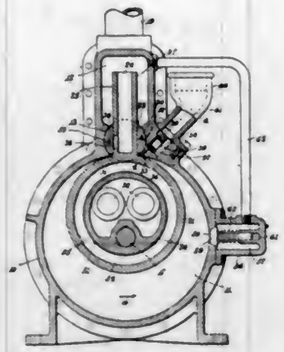
1,623,314. LOOSE-LEAF BINDER. FRANK J. HRUSKA, Cedar Rapids, Iowa, assignor to Le Febure Ledger Company, Cedar Rapids, Iowa, a Corporation of Iowa. Filed Sept. 18, 1920. Serial No. 411,098. 4 Claims. (Cl. 129—13.)



1. In a loose leaf binder, the combination of movable side plates; guides for said plates; a screw rod extending lengthwise of said plates; nuts on the screw rod; links connecting the screw rod with the side plates; a paper support mounted above the side plates and stationary with the guides; and telescoping posts mounted above the paper support.

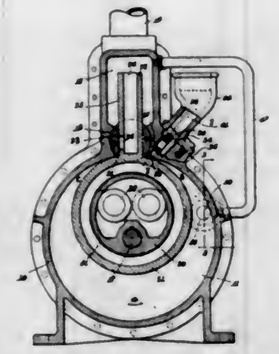
1,623,315. VACUUM PUMP. JUSTUS R. KINNEY, Jamaica Plain, Mass., assignor to Kinney Manufacturing Co., Boston, Mass., a Corporation of Massachusetts. Filed Apr. 14, 1926. Serial No. 101,932. 30 Claims. (Cl. 230—30.)

1. In a device of the class described, a piston rotatable in a cylindrical chamber with one point thereof always in contact with the wall of said chamber, said chamber having an outlet therefrom open to atmosphere at its outer end and said piston having a radial blade extending therefrom with an inlet passage therein terminating in a port in a side wall of said blade farthest from said outlet and spaced from the periphery of said piston; and an oscillating pin having a transverse slot through which said blade extends, one wall of said slot closing



said port until the contacting point of said piston in its rotation has advanced considerably beyond said slotted pin and said oscillating pin being at one side of and slightly removed from said outlet.

1,623,316. RELIEF VALVE FOR ROTARY PUMPS. JUSTUS R. KINNEY, Jamaica Plain, Mass. Filed June 5, 1926. Serial No. 113,873. 4 Claims. (Cl. 103—42.)

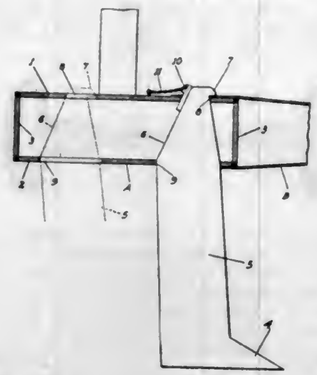


1. In a device of the class described, a casing having a cylindrical piston chamber therein provided with an inlet thereto and an outlet therefrom; a piston revoluble therein and contacting at one point with the cylindrical wall of said chamber, the ends of said piston contacting with the end walls of said chamber; a by-pass communicating with an opening in the wall at one end of said piston chamber; and a valve closing said by-pass and adapted to be opened when the pressure within said chamber exceeds a predetermined limit.

1,623,317. SCARIFIER. ROBERT G. LE TOURNEAU, Stockton, Calif. Filed June 2, 1926. Serial No. 113,164. 3 Claims. (Cl. 262—33.)

1. In a scarifier, a horizontal beam having a vertical opening therethrough smaller at the top thereof than at the bottom, a tooth having a shank insertible through the opening from the bottom thereof, the shank snugly fitting the opening at the bottom, but being narrower at its upper end than the adjacent end of the opening, an

overhanging head on the shank disposed to overhang the beam at one end of the relatively wider portion of the opening, whereby when the shank is tilted in the opening



the head may pass therethrough, and means between the shank and opening for normally preventing such tilting movement.

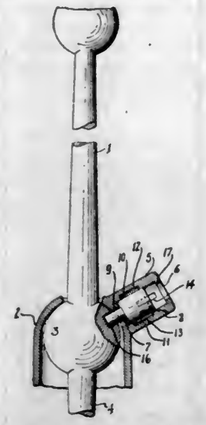
1,623,318. TRUNK LOCK. MARTIN RASMUSSEN, Racine, Wis., assignor to Hartmann Trunk Company, Racine, Wis., a Corporation of Wisconsin. Filed July 7, 1923. Serial No. 650,186. 1 Claim. (Cl. 70—20.)



A lock comprising a casing, a pair of locking levers pivotally mounted therein, a rotatable cam for moving said locking levers to unlocked position, a plurality of locking discs non-rotatably mounted within said casing and provided with apertures of different diameters and a key-receiving member passing through said locking discs and engaging said cam, said key-receiving member being rotatable upon the insertion of a proper key to rotate said cam.

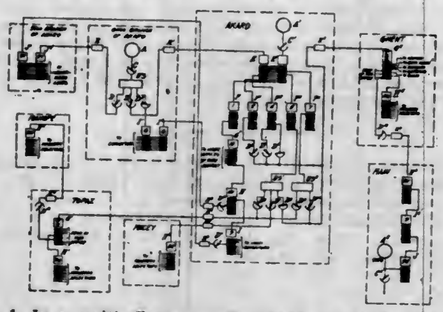
1,623,319. AUTOMOBILE TRANSMISSION LOCK. WALTER M. REASON, Pontiac, Mich., assignor to Elizabeth Ballamos, Pontiac, Mich. Filed Aug. 14, 1922. Serial No. 581,601. 2 Claims. (Cl. 70—128.)

2. A locking device for shift levers comprising the combination with a lever having a ball like portion and a hollow supporting case therefor in the upper end of which the ball seats and which is provided with an aperture thru which the lever projects, the aperture being of a form to permit the rocking of the lever in any direction, and a boss integrally formed with the casing and lying at an angle to the vertical axis thereof, the said boss having a central chamber and an opening in the bottom thereof to the interior of the casing, the said ball also having a recess adapted to be brought to registration with the said last named opening when the lever is in neutral position, of a lock member having a portion adapted to be projected into the ball recess by movement of the lock longitudinally in the boss, the inner wall of the boss having two pairs of notches in staggered relation, the said pairs being on diametrically opposite sides of the inner wall, the said lock member being rotatable in the boss, and re-



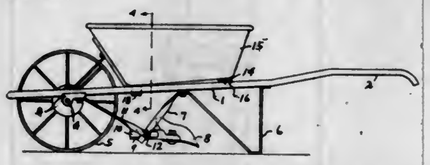
tractable plungers for engaging the respective pairs of notches in the wall of the boss to maintain the lock member in a locked or unlocked position.

1,623,320. TELEPHONE SYSTEM. ARTHUR BESSEY SMITH, Evanston, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Apr. 7, 1922, Serial No. 550,451. Renewed Aug. 16, 1926. 47 Claims. (Cl. 179—18.)



1. In a multi-office automatic telephone system, means responsive to the calling of a part of a called number for extending a connection from an office to each of a plurality of other offices over separate paths, and means responsive to the calling of a second part of the number for operating switches in all of said other offices and for subsequently releasing the connections to all of said other offices except the one by way of which the called line is reached.

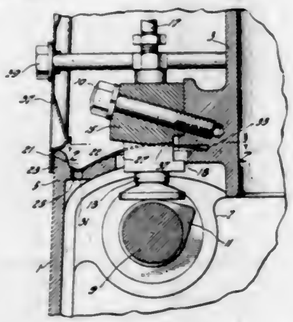
1,623,321. AGRICULTURAL IMPLEMENT. EVANDER A. SMITH and EDWARD R. FINCH, Houston, Tex. Filed Sept. 15, 1924. Serial No. 737,776. 1 Claim. (Cl. 97—59.)



A ground working implement including a frame, a carrier wheel supporting one end of the frame, handles

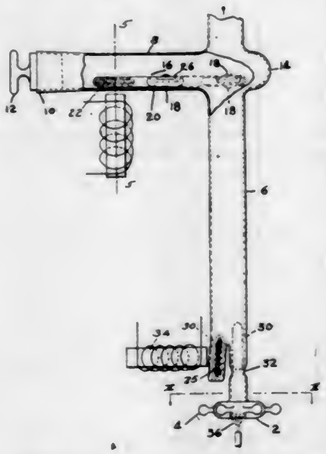
carried by the other end of the frame, straps forming supporting legs fastened to the frame and depending forwardly therefrom, a plow stock formed with side grooves in which the lower ends of the straps fit, means securing said ends in said grooves in such manner that said stock may be swung on said securing means, a share fastened to said stock, and depending therefrom, and braces fastened at their upper ends to the side members of the frame and at their lower ends to said stock for bracing same.

1,623,322. BAFFLE PLATE IN VALVE CHAMBER. ALEX TAUB, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed July 17, 1926. Serial No. 123,122. 6 Claims. (Cl. 123—90.)



1. In an engine, a casing having a longitudinal channel upon its upper surface, there being an opening from said channel into said casing, the casing having a tappet opening and a tappet guide associated therewith, means associated with said guide and closing said opening to restrict the escape of fluid.

1,623,323. METHOD OF INTRODUCING VOLATILE MATTER INTO LAMPS AND THE LIKE. CLETUS CLINTON VAN VOORHIS, Princeton, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Aug. 18, 1923. Serial No. 658,097. 11 Claims. (Cl. 176—2.)



1. The combination with an exhaust system for evacuated containers, of means for introducing volatile substances into said system at a point remote from said containers and means for subsequently transferring said material in a solid condition to a position adjacent said containers.

1,623,324. DOORKNOB SPINDLE. WILLARD C. WERST, Pendleton, Oreg. Filed Feb. 4, 1924. Serial No. 690,526. 1 Claim. (Cl. 292—355.)

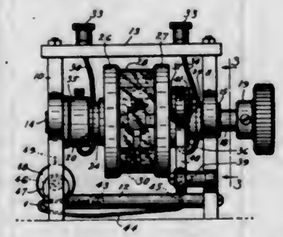


In a device of the class described, a spindle made up of bars located side by side, knobs receiving the ends of the spindle, a smooth tapered pin in one knob, the bars having alined cylindrical openings located entirely within the contour of the respective bars, the pin being wedged and distorted to cylindrical form in the openings and throughout the combined width of both bars, and a screw threaded into the other knob and having a conical end, the bars having transversely inclined surfaces defining a V-shaped groove wherein the conical end of the screw is wedged, the screw and the pin being located at right angles to each other.

1,623,325. PROCESS OF MAKING SPUDS. CHARLES P. WETMORE, Milwaukee, Wis., assignor to Wetmore-Gibbons Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 8, 1923. Serial No. 679,396. 2 Claims. (Cl. 29—148.2.)

1. The method of forming spuds from sheet metal which consists in subjecting a flat sheet metal blank to a series of drawing operations to form a cup-shaped member, drawing and punching this cup-shaped member to form a flared-end tube, comprising and bending this flared-end tube to form a flanged tube whose tubular wall is thicker than the thickness of the original blank, then bodily displacing a tubular part of the flanged tube longitudinally so that portions of the tube project from opposite sides of the flange to form the finished spud blank.

1,623,326. ELECTRIC SWITCH. JAMES WHALEN, Omaha, Nebr. Filed Dec. 26, 1924. Serial No. 758,186. 9 Claims. (Cl. 200—137.)



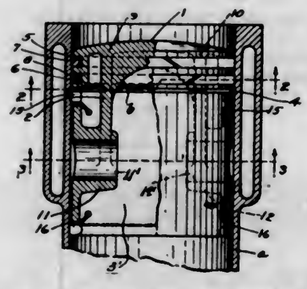
1. An electric switch comprising a rotatable axially horizontally cylindrical drum having a conductive peripheral portion, a contact-member inclosed by said drum and fixedly connected therewith and insulated therefrom, means for connecting terminals of an electric circuit with said contact-member and the conductive portion of the drum, a body of fluid metal disposed within the drum and tending by gravitation and inertia to remain constantly in the lowermost portion of the drum during rotation thereof, said fluid metal being an amalgam of mercury and solder, and means for rotating the drum to positions at which the contact-member is dipped into and withdrawn from the fluid metal to respectively close and open the electric circuit.

1,623,327. METHOD OF ASSEMBLING RADIATORS. FRED M. YOUNG, Racine, Wis., assignor to Racine Radiator Company, Racine, Wis., a Corporation of Wisconsin. Filed Mar. 14, 1924. Serial No. 699,157. 2 Claims. (Cl. 29—157.4.)



1. The method of assembling a radiator core, water tank and support brackets for a motor vehicle, which consists in riveting the brackets to the exterior of the bottom of the water tank, the brackets then being in a form to extend away from the sides of the tank, then attaching the core to the top of the water tank and externally soldering the joints between the brackets and the water tank, and finally bending the brackets inward convergently adjacent to the sides of the tank and co-assembled core into the form required for ultimate installation.

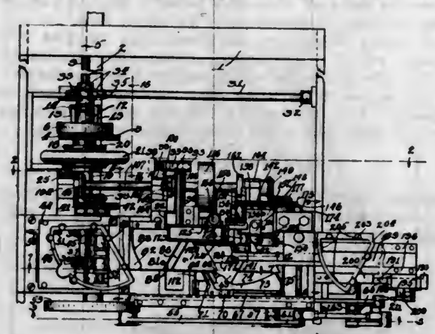
1,623,328. PISTON. GEORGE C. AUSTIN, Seattle, Wash., assignor, by mesne assignments, of one-half to S. C. Carter Co., Inc., Los Angeles, Calif., a Corporation of California. Filed Oct. 31, 1922. Serial No. 598,153. 5 Claims. (Cl. 74—108.)



1. A piston of the class described consisting in a head portion and a skirt portion separated about their peripheral walls and connected together internally by integral members spaced from said walls, said skirt portion having an oblate central portion and short vertical slots extending inwardly from its ends and with other laterally inclined slots extending circumferentially and communicating with said vertical slots.

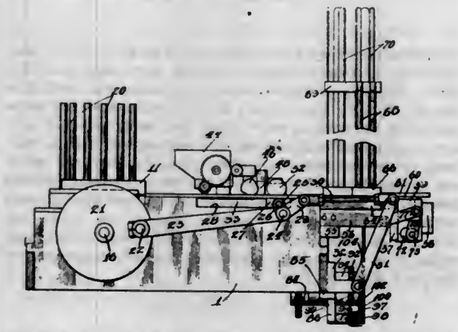
1,623,329. PAPER-CUP-FORMING MACHINE. CESARE BARBIERI, New York, N. Y., assignor to The Vortex Mfg. Co., a Corporation of Illinois. Filed Mar. 15, 1924. Serial No. 699,424. 36 Claims. (Cl. 93—36.)

1. A flat cup forming machine comprising a blank holding magazine, means for automatically removing a cup blank from the magazine, devices for folding and sealing portions of the blank to form a collapsed cup, means for transferring the cup through the machine from one of



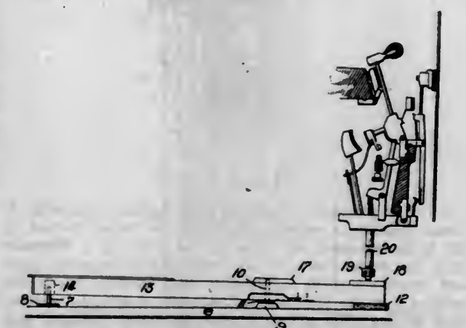
said devices to the other, a stacking device, and means for delivering the cup into the bottom of the stacking device.

1,623,330. CUP-MACHINE CARTON-LOADING ATTACHMENT. CESARE BARBIERI, New York, N. Y., assignor to The Vortex Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed May 3, 1924. Serial No. 710,750. 22 Claims. (Cl. 93—93.)



1. The combination with a cup stacking magazine, of mechanism for lifting the cups stacked in the magazine and delivering cups to the magazine beneath the cups stacked therein, and means adapted to mark off the stacked cups in predetermined numbers in the magazine.

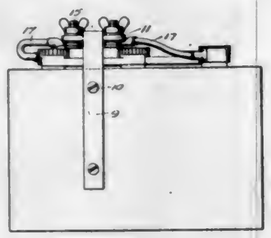
1,623,331. PIANO KEY. GEORGE J. BECKER, Annandale, N. Y. Filed Aug. 25, 1923. Serial No. 659,296. 2 Claims. (Cl. 84—423.)



1. A device for leveling piano keys comprising a finger formed by cutting into the material of the key, and said

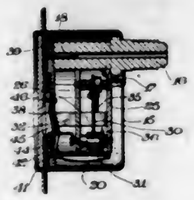
finger being normally seated in the cutaway portion of the key, a spring device attached to the key and extending across the point of connection between the key and the finger to resist displacement of the finger from the cutaway portion of the key, said finger being provided with a recess at its free end, and an adjusting element extending through the key in an angular direction and having its end received in the recess to hold the finger in alignment with the body of the key, and to positively move the finger out of the cutaway portion of the key.

1,623,332. STORAGE-BATTERY TERMINAL. REGNALD RUFUS BEEZLEY, Memphis, Tenn. Filed Aug. 3, 1922. Serial No. 579,419. 1 Claim. (Cl. 173—322.)



A storage battery terminal comprising an inverted substantially L-shaped bracket having each arm provided with a plurality of apertures for the passage of hold fast devices, the long arm of said bracket being designed to be secured to the side of the battery box with its other arm overhanging and spaced from the battery box top, a relatively wide but thin insulation plate having said other arm extended medially thereof, securing elements passed through the other arm to secure said plate thereto, and binding posts removably passed through the insulation plate one on either side of the arm attached thereto, and having wing nuts for the detachable engagement of battery terminals with the post.

1,623,333. OIL GAUGE. STEPHEN F. BRIGGS and EDWARD N. JACOBI, Milwaukee, Wis., assignors, by mesne assignments, to Briggs & Stratton Corporation, Milwaukee, Wis., a Corporation of Delaware. Filed Mar. 8, 1920. Serial No. 363,943. 4 Claims. (Cl. 73—109.)



1. In a pressure gauge, a gear frame comprising a frame member, arms bent up from the sides thereof, a top plate mounted on some of the arms at a distance from the frame member, an intermeshing segment gear and pinion on staffs mounted in and between the frame member and the top plate, a dial plate mounted on other arms at a greater distance from the frame member, and a hand on the pinion staff cooperating with the dial plate to indicate movements of the mechanism.

1,623,334. METAL DOOR CONSTRUCTION. EARL V. COULSTON, Rock Island, Ill. Filed Oct. 19, 1922. Serial No. 595,480. 2 Claims. (Cl. 126—190.)



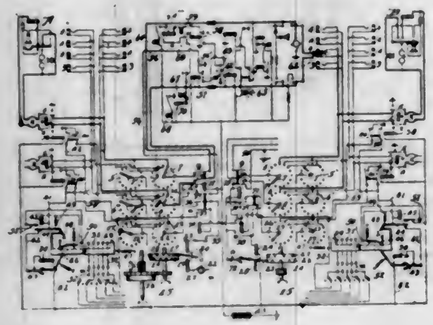
1. In a door structure, the combination of a primary inner sheet-metal wall member; a secondary inner sheet-metal wall member; and an outer sheet-metal wall member; said primary inner member being provided with a peripheral depression upon its inner side; said secondary member being bent around the peripheral portions of said primary and outer members to secure same in contact with each other; the inner portion of said secondary member lying in said depression whereby its inner surface is flush with the inner surface of said inner wall member.

1,623,335. STAPLE. MICHAEL DE BONIS, Abbotsford, British Columbia, Canada. Filed Aug. 1, 1924. Serial No. 729,471. 1 Claim. (Cl. 85—49.)



In a staple having a central portion and a sheet metal head engaged under said central portion and having the ends thereof turned backwardly to engage the sides of said central portion, said staple having legs depending from said central portion, the combination of projections depending from said legs, and engaging beneath said head to hold said head in place.

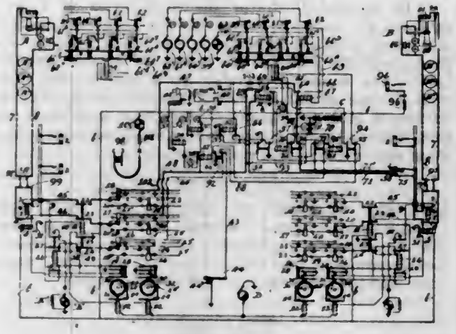
1,623,336. TELEPHONE SYSTEM. FRANCIS W. DUNBAR, Chicago, Ill., assignor, by mesne assignments, to Kellogg Switchboard & Supply Co., a Corporation of Illinois. Filed Dec. 19, 1904. Serial No. 237,445. 164 Claims. (Cl. 179—27.)



1. A telephone exchange system including a plurality of telephone lines provided with jacks and divided into groups, a plurality of cord circuits for each group of telephone lines also divided into groups and extending

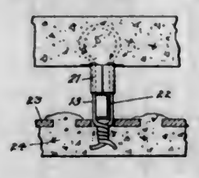
to cord connecting plugs at different sections of the switch-board, automatically operated selective switching mechanism in circuit relation with the lines and including traveling answering terminals of the cord circuits and multipled telephone line terminal contacts engaged by said answering terminals, whereby the answering ends of the cord circuits are connected with calling lines, and apparatus for changing the electrical character of the cord circuits to cause them, when idle, to cooperate with the selective switching mechanism as if they were busy, to enable the said mechanism to pass the same into co-operation with an idle cord circuit that may be used, substantially as described.

1,623,337. TELEPHONE-EXCHANGE SYSTEM. FRANCIS W. DUNBAR, Chicago, Ill., assignor, by mesne assignments, to Kellogg Switchboard & Supply Company, a Corporation of Illinois. Filed Oct. 9, 1905. Serial No. 281,907. 74 Claims. (Cl. 179—27.)



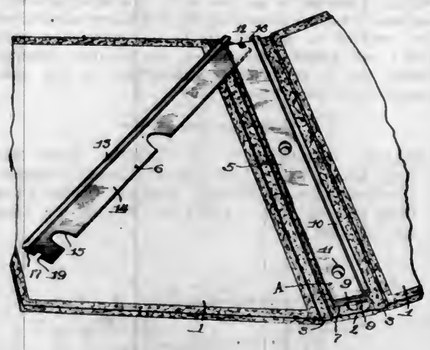
1. A telephone exchange system including telephone lines extending to an exchange and provided with jacks, link-circuits at the exchange provided with manually operated terminals for connection with said jacks, clearing-out signaling-appliances in association with the link-circuits, a source of current, and means associated with said source of current for causing the operation of the clearing-out signaling appliances upon the connection of said manually operated terminals with said jacks only when the jack connected to is that of an already busy line.

1,623,338. TIE AND SPACING MEANS FOR PLASTIC CONSTRUCTION. WILLIAM M. GOLDSMITH, Cincinnati, Ohio, assignor to The Goldsmith Metal Lath Company, Cincinnati, Ohio. Filed July 3, 1922. Serial No. 572,472. 6 Claims. (Cl. 72—118.)



4. In plastic construction the combination of a plastic mass, a hanger having an eye portion embedded in the mass and suspended therefrom, a support bar suspended at the free end of the hanger and spaced from said mass, spacer means for rigidly retaining the support bar in its spaced relation to the mass, and a ceiling structure suspended from the support bar.

1,623,339. BINDER. CHARLES GOLDSTEIN, Chicago, Ill. Filed May 1, 1924. Serial No. 710,354. 7 Claims. (Cl. 281—19.)

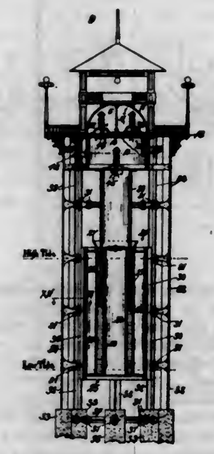


1. Means for removably securing the filler within a binder, comprising a fixed channel member secured to said cover, a complementary channel forming member pivoted to said fixed member, said last mentioned member being adapted to be opened and closed to engage the bound edge of said filler.

1,623,340. SOAP COMPOUND AND PROCESS OF MAKING THE SAME. HUGO HENRY HANSON, Bangor, Me., assignor to Tarratine Manufacturing Co. Inc., Bangor, Me., a Corporation of Maine. Filed Jan. 6, 1923. Serial No. 611,178. 7 Claims. (Cl. 87—5.)

1. The process of making a soap compound which consists in dissolving a neutral vegetable oil soap in a sufficient quantity of a mixture of water and neutralized sulphonated castor oil to form a thick liquid, and then beating said liquid until it assumes a creamy consistency.

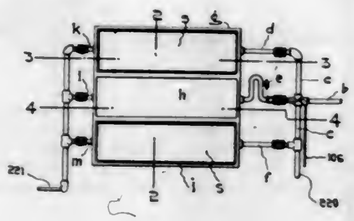
1,623,341. OCEAN COMPRESSED-AIR POWER. CHARLES N. HARE, Lima, Ohio. Filed Aug. 17, 1921. Serial No. 493,031. 9 Claims. (Cl. 230—32.)



1. In combination with a base, an upright secured to said base; of a stationary vacuum tank secured to said uprights; a stationary vacuum cylinder connected to said stationary vacuum tank; a wave actuated reciprocating

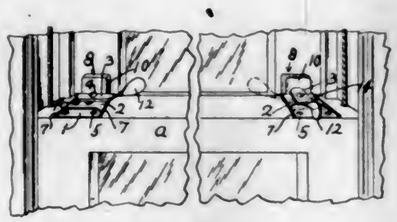
tank having cylinders adapted to reciprocate with the stationary vacuum tank; and an auxiliary tank interposed between the stationary vacuum tank and stationary vacuum cylinder; a suction valve provided between the stationary vacuum tank and the stationary vacuum cylinder, adapted to exhaust air in the stationary vacuum tank; and valves provided on the vacuum cylinder to permit air to be exhausted therefrom on the upward stroke of the reciprocating tank.

1,623,342. TREATMENT OF WATER. JOHN HENRY HARRINGTON, Baie d'Urfe, Quebec, Canada, assignor of one-third to George W. Robb, Montreal, Quebec, Canada. Filed Feb. 2, 1924. Serial No. 690,109. 8 Claims. (Cl. 23—230.)



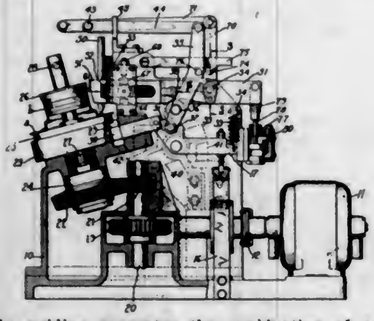
1. In the continuous treatment of water for purification, a method of testing for the chemical purifier content of the water consisting in causing a specimen of the water being tested to constantly flow in a plurality of streams one within the color reflecting range of a color producing device, and simultaneously in a stream distinct from and adjacent to but out of the color reflecting range of the first mentioned stream for the purpose of ocular comparison of the second stream with the first.

1,623,343. ANTIRATTLE WINDOW LOCK. LUTHER HILL, Los Angeles, Calif. Filed Feb. 23, 1923. Serial No. 620,661. 1 Claim. (Cl. 292—140.)



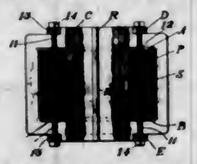
In an anti-rattle window lock, comprising a base, screws adapted to extend through said base into the upper edge of the lower sash of a window, integrally formed upwardly extending flanges on the sides of said base, a slotted slide adapted to move longitudinally between said flanges, a holder integral with said slide and arranged at one end thereof, a rubber block carried by said holder, a lever, a screw extending through the lever and base and adapted to be screwed into a sash through the slot in said slide to pivot said lever, said lever being adapted to engage said holder to move said slide into sash engaging position and a projection struck up on said slide near one edge thereof, adapted and arranged to be acted upon by said lever to move the slide out of sash engaging position.

1,623,344. ELECTRIC-ARC-WELDING APPARATUS. HOWARD P. HIMES, Detroit, Mich., assignor of one-half to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed July 6, 1920. Serial No. 394,298. 10 Claims. (Cl. 219—8.)



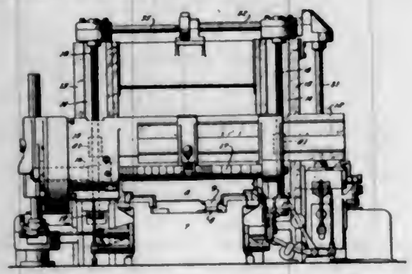
1. In welding apparatus the combination of a work support, an electrode holder movable into two definite and fixed positions relative to the work support, two fixed stops for limiting the movement of said electrode holder, and means for moving the holder in both directions to the extent permitted by said stops, and for holding it in a fixed position away from said work support while a welding operation is being performed upon work supported by said work support.

1,623,345. ELECTRICAL APPARATUS AND CORE THEREFOR. NEVIL MONROE HOPKINS, New York, N. Y., assignor to National Carbon Company, Inc., a Corporation of New York. Filed Feb. 18, 1921. Serial No. 446,126. 25 Claims. (Cl. 175—356.)



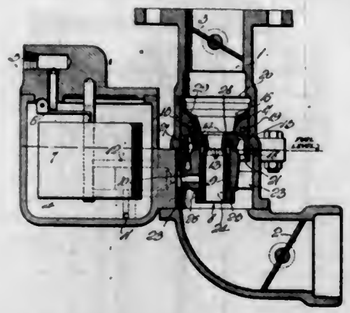
1. In electrical apparatus, in combination, a core comprising a hollow central unitary leg, and yokes secured thereto and disposed radially relatively to the axis of said leg, and an electrical winding disposed between portions of said yokes and said leg.

1,623,346. FEED MECHANISM FOR MACHINE TOOLS. JOHN R. JOHNSON, Rockford, Ill., assignor to The Ingersoll Milling Machine Company, Rockford, Ill., a Corporation of Illinois. Filed Apr. 12, 1923. Serial No. 631,509. 37 Claims. (Cl. 90—15.)



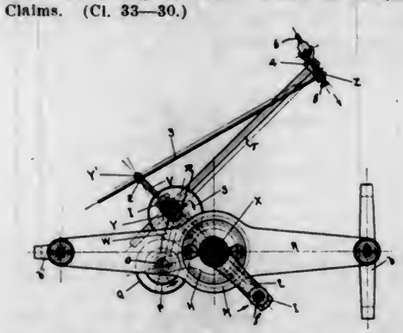
1. Feed mechanism for machine tools comprising in combination with a work table and a spindle carrier, a prime reversing clutch, a table and a carrier driving shaft in parallel relation, gearing adapted to be continuously driven by said clutch including a rapid traverse and a feed gear on each of said shafts, and means for selectively connecting either the rapid traverse or feed gear of either shaft thereto.

1,623,347. CARBURETOR. EARL H. KELLEY, HUGO F. GREIWE, and FRED E. HOSKIN, Portland, Oreg. Filed Nov. 3, 1924. Serial No. 747,612. 4 Claims. (Cl. 161—41.)



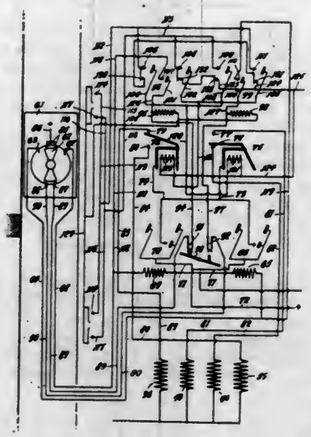
1. A carburetor comprising a main air passage, a relatively small air passage disposed in said main air passage, said small air passage having a hollow wall providing a fuel chamber, said hollow wall having fuel feeding portage leading to its inner side from the fuel chamber and also having additional portage leading from said fuel chamber to the main air passage, and port-controlling means for closing the main air passage, said means being disposed about the small air passage on the engine side of said additional portage at low engine speeds to permit said additional portage to then communicate with the inlet end of said main air passage for the purpose of supplying air to the aforesaid fuel chamber, said port-controlling means being mounted for movement to another position for allowing flow of air through the main air passage past said additional portage at relatively high engine speeds.

1,623,348. ELLIPSOGRAPH. KARL KIEFER, Cincinnati, Ohio. Filed May 29, 1920. Serial No. 385,233. 3 Claims. (Cl. 33—30.)



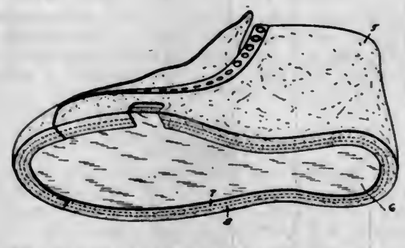
1. In an ellipsograph, a support, a driving gear fixed to said support, a driven gear, a marking member fixed to said driven gear, means supporting said driven gear and said member for movement toward and away from and for revolution about said driving gear, a marking element mounted for oscillation on said member, intermediate gear means between said driving and driven gears for rotating said driven gear as it is revolved about the driving gear, a guiding member rotating with said driven gear, and means whereby said guiding member oscillates said marking element to maintain said element in predetermined relation to the adjacent portion of the curve being drawn.

1,623,349. ELECTRIC-LIFT MACHINE AND THE LIKE. JOHN BERTRAM MORTON KNUTSEN, Elizabeth Bay, near Sydney, New South Wales, Australia. Filed Dec. 18, 1924, Serial No. 756,852, and in Australia Jan. 15, 1924. Renewed Feb. 24, 1927. 10 Claims. (Cl. 187—29.)



5. In an electrically operated lift, the combination, with a lift car, its switch, and winding mechanism, of auxiliary reduction and reverse gearing directly and positively associated with said mechanism and interposed between the same and the lift motor, relay control switches controlling the reduction and reverse gearing, relays connected to said relay control switches and automatically switched into and out of use by the car switch, and cam switches in the lift well for operating said relay control switches according to the position of the car relative to a required stopping level; said gearing comprising two gear cases, epicylic speed-reduction gear housed in one gear case, a tubular spindle connected to the speed-reduction gear, a central spindle connected to said gear case, a direct drive clutch wheel mounted on said tubular spindle, a reverse drive clutch wheel mounted on said central spindle, clutch plates on both of said clutch wheels, an electro-magnet for each of said clutch wheels, a sleeve connected to both magnets, armatures on said magnets, clutch discs connected to said armatures, clutch plates on said clutch discs engaging the clutch plates on the clutch wheels, and electrical control connections between said electro-magnets and the relay control switches.

1,623,350. SHOE AND METHOD OF MANUFACTURING THE SAME. ALEX RALPH LESHIN, Seattle, Wash. Filed May 8, 1923. Serial No. 637,519. 4 Claims. (Cl. 36—19.)



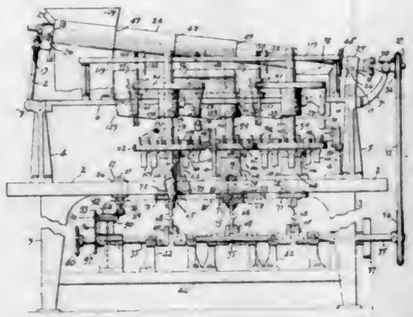
1. The method of making a shoe by cutting an upper and slip sole to exact size of the last; marking the slip sole for the precise location thereon of the edge of the upper: sewing the upper to the slip sole by stitches passing through the upper and through the slip sole; turning these parts inside out; inserting an insole and stitching

the same to the slip sole by a line of stitches inside of the edge of the upper, said line of stitches being in spaced relation to the lateral edge of said insole; inserting the last; and stitching an out sole to said slip sole.

1,623,351. GETTER AND THE APPLICATION THEREOF. DUNCAN MACRAE, East Orange, and HENRY KNEELAND RICHARDSON, Newark, N. J., assignors to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed June 8, 1922. Serial No. 566,847. 5 Claims. (Cl. 176—16.)

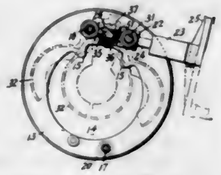
1. The method of treating incandescent lamp filaments comprising applying a refractory getter thereto by means of an inorganic binder fused to the filament, introducing the filament into a bulb, exhausting the bulb, vaporizing the binder and thereafter vaporizing the refractory getter.

1,623,352. AUTOMATIC CUT-TUBE-SORTING MACHINE. HARRY DE FOREST MADDEN, Newark, and JOHN JOSEPH HIGGINS, East Orange, N. J., assignors to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed May 9, 1921. Serial No. 468,125. 27 Claims. (Cl. 209—82.)



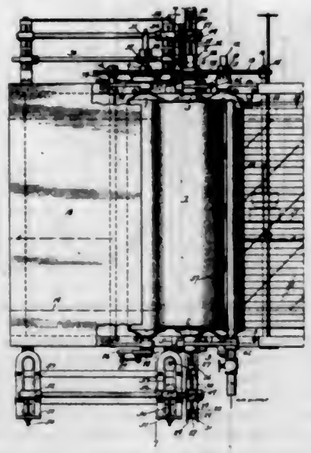
1. In a machine for gauging the outside diameter and the wall thickness of tubes, the combination of an element for gauging the diameter of tubes, means for feeding gauged tubes from said gauging element, means for supporting the gauged tubes of a given diameter in groups, a calipering element in operative relation to each group, means for moving said calipering elements to engage and caliper the wall thickness of said supported tubes, means for moving said calipering elements to remove the tubes from said supporting means and means for releasing tubes of given diameters and wall thickness for deposit in a common receptacle.

1,623,353. CUP DISPENSER. JOHN W. MCCARTHY, Lockport, N. Y., assignor, by mesne assignments, to Vortex Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 8, 1923. Serial No. 673,510. 6 Claims. (Cl. 211—8.)



1. A cup dispenser comprising a container for a stack of nested cups, gripper mechanisms, means for oscillating the same in a horizontal plane transversely of the cup path, and means adapted to be operated to cause said gripper mechanisms to be reciprocally translated to effect cup drawing and positioning of the gripper mechanisms for subsequent cup gripping.

1,623,354. MACHINE FOR CUTTING BIAS STRIPS. VLADIMIR V. MESSER, Douglaston, N. Y. Filed Feb. 28, 1924. Serial No. 695,727. 13 Claims. (Cl. 164—77.)



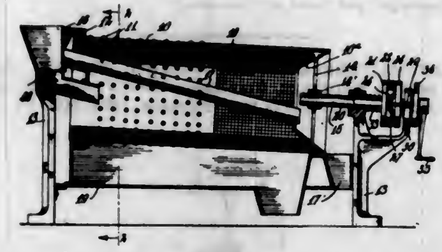
1. In a machine of the class described, in combination, a rotatable roll, having an uninterrupted surface, a cutter adapted to impinge on the surface of the roll, a stationary guide for the cutter parallel to the axis of the roll, and means exterior to the roll for moving the cutter longitudinally along the roll synchronously with the rotation of the guide whereby fabrics fed continuously over the roll may be continuously cut in diagonal lines.

1,623,355. WHEEL. WALTER B. MINCH, Jackson, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Nov. 20, 1922. Serial No. 602,187. 8 Claims. (Cl. 301—63.)



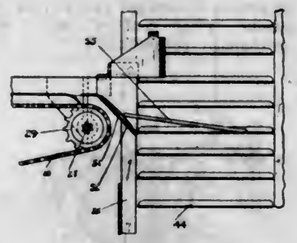
6. A wheel comprising a hub, a disc and a fixed rim, the disc being composed of a plurality of layers of wood, the rim having a base portion provided with a circumferential groove, receiving the outer periphery of the disc.

1,623,356. GRAIN SIFTER. ANDREW MIRONUCK, Max, N. Dak. Filed Nov. 21, 1923. Serial No. 675,983. 2 Claims. (Cl. 74—14.)



1. A reciprocating means for the rotary drum of a grain sifter, comprising a bearing, a sleeve passing through said bearing, a disk fixed to the forward end of said sleeve, rollers mounted on the front face of said disk, a standard offshot from said bearing, a disk fixed to said standard, a pair of cam arms hinged to said latter disk, said cam arms extending towards one another from their hinged ends, inclined with respect to the face of the disk so as to constitute cam elements, the free ends of said cam arms overlapping, and curved inwards towards the face of the latter mentioned disk, adjusting screws threaded through said latter disk, abutting said cam arms, tension springs passing through apertures in the latter disk, and having one end fixed to said disk, and the other to said cam arms to press the cam arms against the said adjusting screws, a shaft passing through said sleeve, and feathered thereto, allowing longitudinal freedom, and a coiled expansion spring surrounding said sleeve, and acting between the said bearing and the first mentioned disk fixed to the forward end of said sleeve, said coiled expansion spring urging said sleeve and attached disk in one direction.

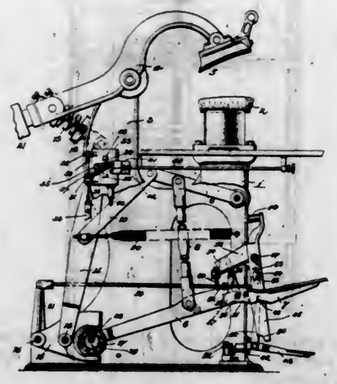
1,623,357. TRANSFER DEVICE. JOEL MOORES, Cincinnati, Ohio, assignor to The J. H. Day Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Mar. 14, 1923. Serial No. 624,910. 4 Claims. (Cl. 198—28.)



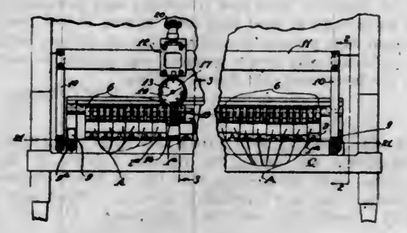
3. In a device of the class described, the combination of a pair of cooperating non-overlapping endless conveyors for moving pans in different directions of plates interposed between the conveyors for engagement by pans moving between the conveyors, the pans and plates cooperating for utilizing motion imparted to the pans by the conveyors for moving the pans over the plates and from one conveyor to the other conveyor.

1,623,358. GARMENT-PRESSING MACHINE. HERBERT E. PAGE, Syracuse, N. Y., assignor to United States Hoffman Machinery Corporation, New York, N. Y., a Corporation of Delaware. Filed Mar. 10, 1923, Serial No. 624,146. Renewed Sept. 18, 1926. 11 Claims. (Cl. 68—9.)

1. In a press, the combination of two relatively movable pressing elements; means adapted to be actuated by the operator to move said elements into pressing relation; locking means to hold the aforesaid means against release movement; means under the control of the operator to release the locking means; power actuated means for exerting heavy pressure between the pressing elements; and mechanism actuated by the power means to lock the locking means against release by the operator.



1,623,359. APPARATUS FOR LEVELING PIANO KEYS. EDWIN SAMUEL RAUWORTH, De Kalb, Ill., assignor to Apollo Piano Company, De Kalb, Ill., a Corporation of Illinois. Filed July 28, 1923. Serial No. 654,433. 7 Claims. (Cl. 33—180.)

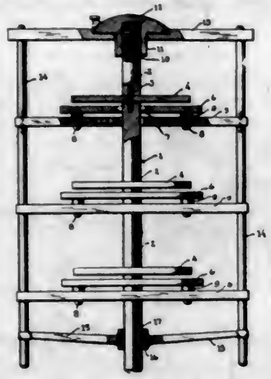


1. A key leveling apparatus comprising a guide rail with standards for supporting it over the keys of a piano, a depth gauge slidably mounted on said rail and having a vertically movable member which may be lowered at will into contact with the keys, one at a time, and including an indicator operable by the movable member for showing the position of the latter with reference to a predetermined normal.

1,623,360. CONDENSER. THOMAS T. RODGERS, MARC A. GIBLIN, FRANCIS K. MOORE, and GEORGE T. MOORE, Milwaukee, Wis., assignors to Rodger's Radio Corporation, West Allis, Wis., a Corporation of Wisconsin. Filed Sept. 24, 1924. Serial No. 739,491. 3 Claims. (Cl. 175—41.5.)

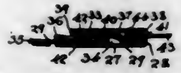
1. In a multiple unit variable condenser system, a plurality of condensers each being formed with co-operating plates having normally opposed surfaces, inherently resilient means for adjusting certain of said co-operating plates, and a common axially movable member to which

each of said other co-operating plates is connected for moving the same in the direction of the movement of the



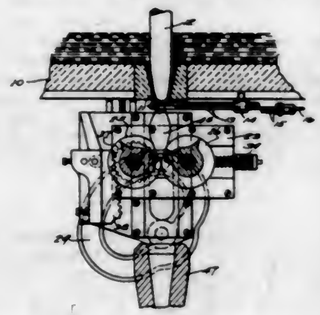
shaft to simultaneously vary the distances between the opposed surfaces of the plates of the respective condensers by equal increments.

1,623,361. FASTENER STRIP OR FLY FOR GARMENTS. LEO ROSENMAN, Newark, N. J., assignor to R. K. M. Mfg. Company, a Corporation of New Jersey. Filed May 24, 1922. Serial No. 563,209. 4 Claims. (Cl. 2—265.)



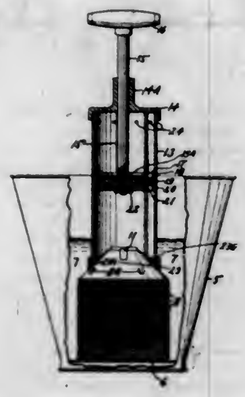
1. In a fastener provided fly for garments, a base strip, a face strip disposed in parallel plane over said base strip, fasteners disposed between said base strip and face strip, a line of stitches joining said base strip and the main body of said face strip and traversing said fasteners, and said main body of said face strip having a free forward marginal edge portion beyond said line of stitches adapted to fold backwardly over a garment edge portion to conceal both the latter and said line of stitches.

1,623,362. MEANS FOR FORMING AND DELIVERING CHARGES OF MOLTEN GLASS. JOHN F. RULE, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Aug. 22, 1921. Serial No. 494,124. 25 Claims. (Cl. 49—55.)



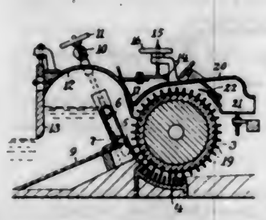
5. The combination of means for forming, suspending, severing and dropping a gob of molten glass, and automatic means to engage the gob and move downward therewith at substantially the same speed as the latter would fall under the influence of gravity and shape the gob during said downward movement, said shaping means also having a forward movement in a horizontal direction during such shaping, whereby the gob is given a combined downward and forward movement.

1,623,363. CREAM-SEPARATOR-BOWL WASHER. ALBERT F. SCHWANKE, Grey Eagle, Minn. Filed June 25, 1926. Serial No. 118,453. 2 Claims. (Cl. 141—1.)



1. A washing device for cream separator discs consisting of a series of vertically spaced inverted funnel shaped discs, said device comprising a cylindrical body, a cap member on the upper end of said cylinder, a ring member of soft material securable to the lower edge of said cylinder and adapted to be pressed downwardly concentrically upon the top of the discs, a piston reciprocable in said cylinder, a piston rod extending upwardly through said cap member, and a hand hold on the upper end of said piston rod.

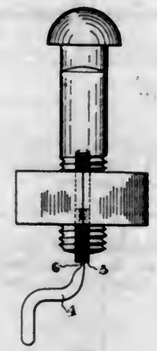
1,623,364. BEATING ENGINE. LEO SHLICK, Montreal, Quebec, Canada. Filed Feb. 17, 1921. Serial No. 445,736. 38 Claims. (Cl. 92—24.)



1. A beating engine comprising a beater roll, coacting bed-plate and knives, a back-fall, a board rising from the bed-plate, a lip rising from said board, a folded plate having its edges resting against said lip and board, and means for vertically adjusting said folded plate.

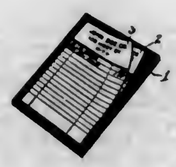
1,623,365. NUT LOCK. RUFUS W. SMITH, Toronto, Ontario, Canada. Filed Apr. 3, 1926, Serial No. 99,536, and in Canada Mar. 9, 1926. 3 Claims. (Cl. 151—8.)

1. The combination of a bolt and a nut, one of said parts having grooves formed therein diametrically opposite one another and parallel to the axis of the bolt and the other part; similar grooves at right angles to one another with which the first mentioned grooves may be brought progressively into engagement to form a key



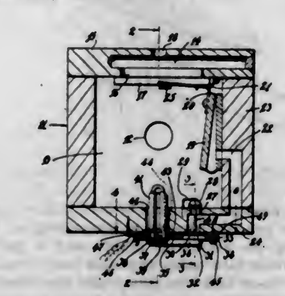
seat; and a key adapted to fit said key seat, certain of the grooves and the key being threaded, the pitch of the thread being one-quarter the pitch of the bolt.

1,623,366. DUPLICATING DEVICE. ERVIN E. STRAWN, Cleveland, Ohio, assignor to Arthur S. Gilman, Cleveland, Ohio. Filed Nov. 6, 1925. Serial No. 67,386. 4 Claims. (Cl. 197—150.)



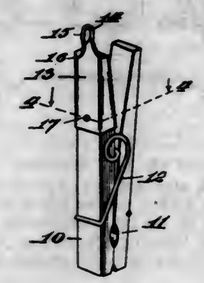
1. In a typewriting machine, the combination with a cylindrical platen having a surface adapted to receive and retain a transfer material; of a bar of such material in solid form, mounted upon the typewriter and movable toward and from said platen, whereby said material may be applied to the latter when required.

1,623,367. VALVE ACTION FOR ORGANS AND THE LIKE. FRANCIS W. SULLIVAN, Los Angeles, Calif. Filed Feb. 4, 1926. Serial No. 85,846. 2 Claims. (Cl. 84—338.)



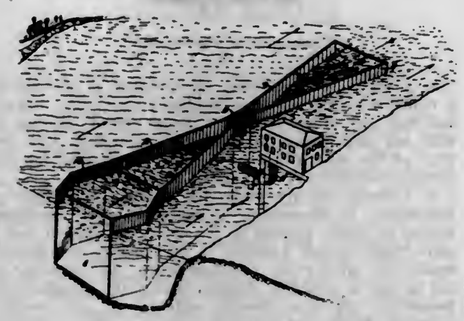
1. A valve action of the character described comprising a body having an air passage and having an opening and a valve chamber communicating with the passage, a diaphragm valve closing said opening, there being ports in opposite sides of the valve chamber, a second valve in the valve chamber between said ports formed at least in part of a magnetic metal, and an electromagnet positioned to effect movement of the second valve to open and close the ports.

1,623,368. SPRING-CLIP HANGER. JAMES R. TATE, Lowell, Ariz. Filed May 7, 1926. Serial No. 107,407. 1 Claim. (Cl. 24—137.)



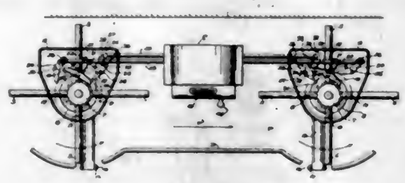
The combination with a spring clothes pin, of a sleeve positioned on the upper end of one of the jaws of the clothes pin, a rivet passing through said sleeve and through the jaw on which it is positioned, a hook formed integral with the upper end of the outer wall of said sleeve and projecting upwardly, outwardly and thence downwardly and the free end of which hook is provided with a sharp point.

1,623,369. METHOD AND MEANS FOR CREATING A HYDRAULIC HEAD. HENRY TILL, Los Angeles, Calif. Filed Dec. 9, 1925. Serial No. 74,374. 6 Claims. (Cl. 61—19.)



1. The method of utilizing the power of a large area of cross-section of stream without materially backing up the upstream level by converging the flowing stream section into a narrow open topped throat and then passing the water from the throat in a spreading open body whereby to cause a pocket to be created at the throat and between the level of the upstream side and the level of the downstream side, such pocket providing a positive head as between the higher level and the bottom of the pocket and inducting water into the throat at the zone of water depression.

1,623,370. DEVICE FOR CONTROLLING THE OPERATION OF WORKMEN'S TIME CLOCKS. FRED WAYMAN, Binghamton, N. Y. Original application filed Oct. 27, 1923, Serial No. 671,233. Divided and this application filed Feb. 15, 1926. Serial No. 88,254. 2 Claims. (Cl. 70—26.)



1. In a device of the kind described, a time clock, a pair of turnstiles arranged one on each side of the clock in the path of a person seeking access to the clock, and means controlled by the clock mechanism and operatively connected to the turnstiles to prevent the operation of said turnstiles in one direction during a predetermined period of time.

1,623,371. OIL LIBERATOR. WILLIAM O. WETMORE, U. S. Army, Honolulu, Territory of Hawaii. Filed Feb. 10, 1926. Serial No. 87,476. 4 Claims. (Cl. 221—67.)



1. A device for preventing the breeding of mosquitoes, a liquid receiving container gradually converging toward one end and provided with a liquid outlet opening at said end and means for associating a weight with the face of the container including a compartment for the reception of a heavy granulated material.

4. A device for preventing the breeding of mosquitoes comprising a submergible pyramidal shaped container having an outlet opening in the upper end thereof and a water inlet opening adjacent to the opposite end thereof, means for closing the openings when the container is not in use, a partition disposed within the container adjacent to the base thereof defining an anti-breeding mosquito liquid compartment and a heavy granulated material receiving compartment, means for filling the last mentioned compartment with heavy material, and manipulating handles associated with the container.

1,623,372. DEMOUNTABLE RIM. LEO B. WISHNEVSKY, Brooklyn, N. Y., assignor to Fred M. Heyman, New York, N. Y. Filed Mar. 24, 1923. Serial No. 627,362. 1 Claim. (Cl. 301—32.)

In a demountable rim the combination of sections having openings adjacent to their abutting ends and a locking plate spanning said ends of the sections with its end portions in the said openings of the sections, said locking plate having openings, and said sections of the rim having projections extending over their openings to



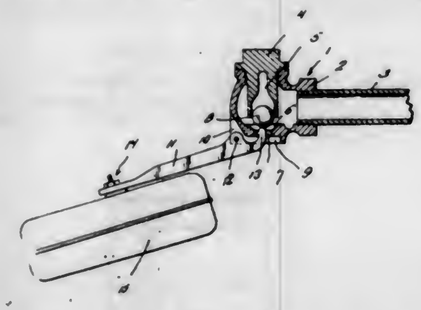
form locking means therewith, said projections engaging the openings in said locking plate to permanently hinge the plate and sections together.

1,623,373. FAN BLADE AND CENTER. SOCRATES A. XIPPAS, Pittsburgh, Pa. Filed July 24, 1925. Serial No. 45,902. 11 Claims. (Cl. 170—159.)



1. In a fan, a blade carrier comprising a central body portion provided with outwardly extending arms, one of said arms being provided along one of its longitudinal extremities with an upwardly extending wing of substantially the same length as the arm, and another one of said arms being provided along one of its longitudinal extremities with a downwardly extending wing of substantially the same length as the last mentioned arm.

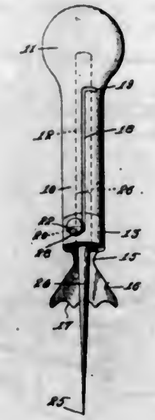
1,623,374. FLOAT VALVE. OSCAR O. ANDERSON, Sioux Rapids, Iowa. Filed May 28, 1926. Serial No. 112,331. 1 Claim. (Cl. 137—104.)



As a new product of manufacture, a float valve structure for the purpose specified, comprising a valve casing including an attaching nipple and a ported valve seat above which is a screw threaded neck, a plug threaded into said neck and extending into the interior of the casing and including a hollow shank having a cylindrical portion terminating in close proximity to the valve seat, a ball valve normally resting upon said seat and guided by the cylindrical hollow portion, said casing

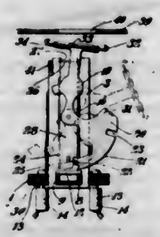
including a depending flange surrounding the valve seat and a portion of said flange being cut away to provide spaced ears, a float, a lever connected with one end of the float, and pivotally connected intermediate its ends with said ears, the inner end of said lever being formed into an upwardly curved operating finger which is movable through the port in the valve seat and engageable with said valve for opening it under predetermined conditions.

1,623,375. ICE PICK. HUGO CARL ASMUS, Kansas City, Mo. Filed Dec. 14, 1925. Serial No. 75,428. 3 Claims. (Cl. 83—62.)



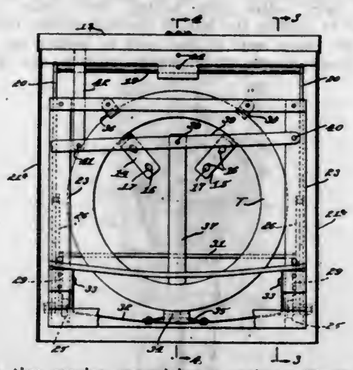
1. A device of the class described, comprising a handle having a longitudinal bore and having a longitudinal slot communicating with the bore, a tool slidable within the bore, and a shield member offset from the end of the handle and extending longitudinally thereof and over the free end of the tool when the latter has reached its limit of retractive movement in the bore.

1,623,376. ANNUNCIATOR DROP. CHARLES AUTH, New York, N. Y., assignor to Emma Louise Auth, Brooklyn, N. Y. Filed May 16, 1919. Serial No. 297,696. 21 Claims. (Cl. 177—329.)



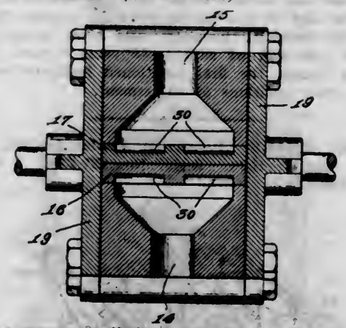
11. An annunciator drop comprising setting and resetting coils disposed side by side, a locking armature comprising an angle shaped spring strip having one leg bowed inwardly across one side of one of said coils and its other leg extending across one end of both coils, an indicator supporting yoke pivoted between the coils, said yoke being provided with armatures movable respectively by the coils, and having an arcuate heel provided with shoulders adapted to engage selectively with a lug on said locking armature to hold the yoke in set or reset position when the coils are denergized.

1,623,377. TIRE CARRIER. ALFRED M. BACON, Arlington, Mass. Filed Sept. 24, 1924. Serial No. 739,741. 10 Claims. (Cl. 224—29.)



1. A tire carrier comprising a casing with front and back portions, the back portion bearing supports for the tire, and the front portion mounted for opening movement with respect to the back portion and bearing means for taking the tire off said supports and presenting it for removal.

1,623,378. COMPRESSOR. WALTER W. BAVINGTON, Okmulgee, Okla. Filed Jan. 2, 1926. Serial No. 78,953. 2 Claims. (Cl. 230—30.)

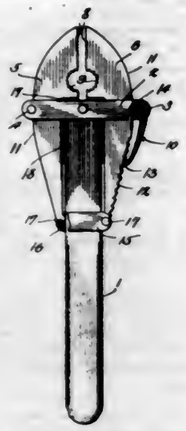


1. In a pump, a cylinder having inlet and outlet ports at the opposite sides thereof, an eccentric arranged to rotate within the cylinder, a rotor disposed in spaced concentric relation to said eccentric, anti-frictional bearings positioned between the eccentric and said rotor, means including said bearings for transmitting motion from the eccentric through the rotor, causing the latter to roll about the cylinder, a valve chamber arranged above the cylinder and communicating therewith, slide valves operating in said chamber and controlling communication between said ports and said cylinder, a drain pipe establishing communication between the valve chamber and the inlet port of the cylinder, a second cylinder disposed above said chamber, a piston arranged to operate in the last mentioned cylinder, means for conveying a pressure from the outlet side of the pump to the second mentioned cylinder to hold the piston depressed, and a connection between the piston and said valves whereby the latter are constantly maintained in contacting engagement with the periphery of the rotor as and for the purpose specified.

1,623,379. WRENCH. BYRON REECE BEAVER, Ulysses, Nebr. Filed Apr. 8, 1925. Serial No. 21,649. 1 Claim. (Cl. 81—112.)

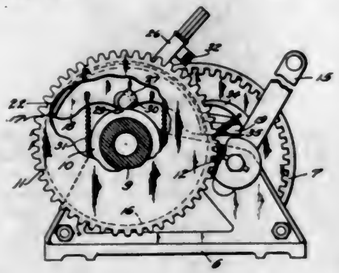
A wrench including a handle portion, a pair of bars secured to the handle portion adjacent to one end there-

of, said bars being held in spaced relation by the handle portion, rivets connecting the bars adjacent to their ends to close the ends of the bars, jaws having inclined outer edges and having their inner edges cut away to receive the handle portion, means for connecting the inner ends of the jaws to permit the jaws to slide longitudinally of the handle portion, one of said



jaws having teeth, a pivoted member having a cam portion at one end, carried by the bars and cooperating with the outer edge of one of the jaws for moving the jaw associated therewith inwardly, said lever being curved, and the free end of said lever being formed into a tooth to engage the first mentioned teeth to hold the jaws in their positions of adjustment.

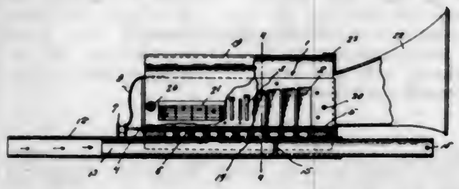
1,623,380. BRAKE. ROBERT H. BEEBE, Seattle, Wash. Filed Aug. 7, 1926. Serial No. 127,779. 6 Claims. (Cl. 188—78.)



1. In brake mechanism, the combination with a machine frame, a rotary drum, a shaft therefor mounted in said frame, a brake shoe having an arm pivotally connected to said frame externally of the drum, and brake shoe operating means comprising a lever adapted to be held by said shoe in operable relation upon said frame, said lever being provided with cam elements which are cooperable with the frame for effecting the engagement of the shoe with said drum.

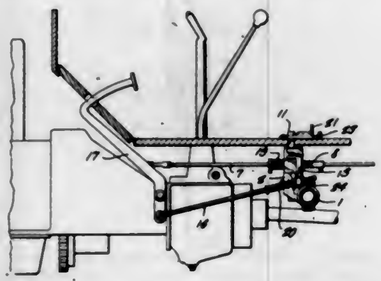
1,623,381. MUSICAL INSTRUMENT. FREDERICK C. BENDER, Mineola, N. Y. Filed Nov. 30, 1925. Serial No. 72,362. 3 Claims. (Cl. 84—377.)

1. A musical instrument of the class described comprising a harmonica adapted to be held in a stationary position before the mouth of the performer, a stationary air conducting tube carried by said harmonica and provided with openings affording communication with the cells of the harmonica, and a slide valve tube telescopically fitted into the first named air tube, said valve tube being provided with a single restricted open-



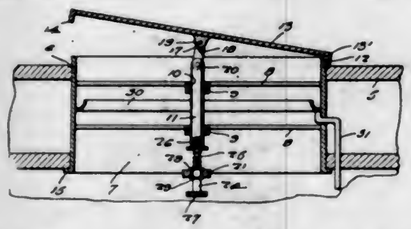
ing adapted to be selectively registered with the openings in the air tube for compelling the passage of air through the selective cells.

1,623,382. BRAKE LOCK. WALTER G. BOWERS and CHARLES A. SMITH, Akron, Ohio. Filed Oct. 30, 1926. Serial No. 145,319. 5 Claims. (Cl. 74—81.)



1. In combination with a motor vehicle and its brake and clutch means, a rack connected with one of the brake rods, a dog for holding the rack with the rod in its forward position when the brake pedal has been depressed and means, operated by the movement of the clutch pedal to normal position to release the dog from the rack.

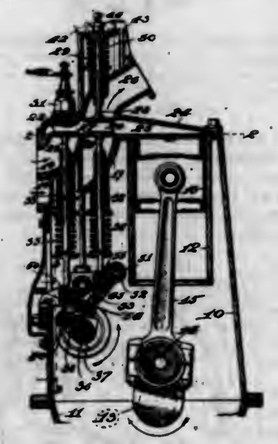
1,623,383. AUTOMOBILE VENTILATOR. GEORGE A. BURKHOLDER, Shoal Lake, Manitoba, Canada. Filed June 28, 1926. Serial No. 119,110. 1 Claim. (Cl. 268—101.)



In a closure operator mechanism of the class described, a frame open at its top and bottom, a lid hingedly secured to the top of the frame to provide a closure therefor, spaced horizontal spiders arranged within the frame, the web portions of said spiders being provided with registering openings, a rod adapted for vertical slidable movement through said openings, a link affording the pivotal connection between the upper end of the rod and the intermediate portion of the bottom of said lid, means whereby the rod may be raised or lowered for actuating the lid, said means comprising a threaded rod, the lower end of the first mentioned rod having a threaded socket formed therein for cooperation with the upper threaded

end of the last mentioned rod, a cross bar through which the threaded rod extends, a handle supported on the lower end of the threaded rod for actuating the same, and stop collars secured on the threaded rod and arranged on opposite sides of the cross bar for preventing the vertical movement of said threaded rod.

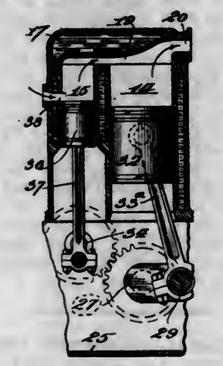
1,623,384. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed May 31, 1923. Serial No. 642,508. 5 Claims. (Cl. 123—75.)



3. In a four stroke cycle internal combustion engine, a combustion cylinder, a crank shaft, a common compression and combustion clearance chamber extending laterally from the head end of the combustion chamber, three valves seated in the wall of said common clearance chamber, each of said three valves controlling a separate duct that communicates with said common clearance chamber, the axis of said three valves being arranged in direct alignment with each other and with the axis of the combustion cylinder and disposed at right angles to the crank shaft of the engine and rocker arms arranged in tandem and at right angles to the axis of the crank shaft for actuating two of said valves.

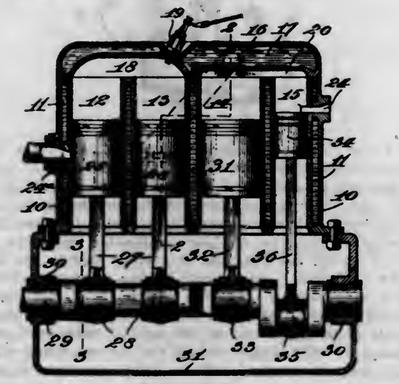
1,623,385. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Nov. 22, 1923. Serial No. 676,279. 1 Claim. (Cl. 123—53.)

A two stroke cycle internal combustion engine unit of four cylinders, two of the cylinders being joined by a single compression and combustion clearance chamber that is formed lengthwise parallel with the axes of the crank shaft, exhaust ports in one of the two cylinders that are joined by the single clearance chamber, inlet ports formed in the wall of the outer one of the two cylinders that are joined by the single clearance chamber, a charge pumping cylinder, a piston valve cylinder, inlet ports formed in the wall of said piston valve cylinder, a single compression clearance chamber joining said pump cylinder and the piston valve cylinder, the piston valve cylinder being disposed to the side of and parallel with the pumping cylinder, the compression clearance chamber that joins the pump cylinder and the piston valve cylinder extending laterally with respect to the plane occupied by the row of three cylinders, a separate crank shaft for driving the piston valve, engine speed actuated driving means between the main crank shaft and said separate crank shaft, a duct extending from one end of the lateral clearance chamber, that joins the piston valve cylinder to said pump cylinder, to an inlet port formed in one of the combustion cylinders arranged in the row of three cyl-



inders, a separate connection between each of the pistons in the combustion cylinders and the charge volume pumping cylinder and the main crank shaft and said main crank shaft having a separate bearing periphery for each connection.

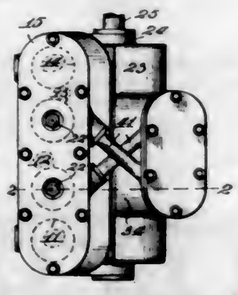
1,623,386. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Sept. 18, 1924. Serial No. 738,417. 1 Claim. (Cl. 123—53.)



In a two stroke cycle internal combustion engine, a cycle having a pair of combustion cylinders, a pumping cylinder and a piston valve cylinder, pistons arranged for operation within the combustion cylinders and pumping cylinder, a piston valve arranged for operation within the piston valve cylinder, the pair of combustion cylinder chambers being joined at the head end by a common compression and combustion clearance chamber, the pumping cylinder chamber and the piston valve cylinder chamber being joined by a common compression clearance chamber, a transfer duct extending from the clearance chamber of the pumping and piston valve cylinder to ports formed in the intermediate portion of one of the pair of combustion cylinders, the axis of all of the cylinders being substantially parallel and arranged in a row with the axis of the crank shaft, a three throw crank shaft, the said three throws being arranged in different axial planes circumferentially, the two pistons within the

pair of combustion cylinders being separately connected to one of the crank throws of said three crank throw shaft, the piston within the pumping cylinder being connected to a second crank throw of said three throw crank shaft, the piston valve within the valve cylinder, being connected to the third crank throw of the said three crank throw crank shaft, the degree of angularity between the crank to which the two combustion cylinder pistons are connected and the crank to which the piston of the pumping cylinder is connected, being such, as to cause the piston within the pump cylinder to reach compression dead center as the piston within the combustion cylinder in which the inlet ports of the transfer duct are formed, has closed the said inlet ports and the crank to which the piston valve is connected, being spaced circumferentially in degrees in relation to the crank to which the piston within the pumping cylinder is connected so as to cause the inlet function by the said piston valve to the said pumping cylinder, to be effected during the entire period of the suction stroke of the pumping piston with the desired lag in valve closing timing.

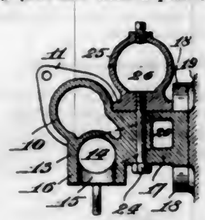
1,623,387. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Oct. 8, 1924. Serial No. 742,405. 8 Claims. (Cl. 123—53.)



8. In an internal combustion engine, a two stroke cycle internal combustion unit of six cylinders, four of which are disposed in a row and functioning as combustion cylinders, the other two cylinders of the unit being arranged in transverse alignment respectively, with the two inner cylinders of the row of four combustion cylinders and functioning for the pumping of gaseous fuel to the combustion cylinders, a crank shaft having two crank throws, pistons arranged for operation within all of the combustion and pumping cylinders, the piston within the second cylinder from either end of the row of four combustion cylinders and the piston within the corresponding transversely aligned pumping cylinder being directly connected to the same crank throw of the crank shaft and the piston within the first cylinder from each end of the row of combustion cylinders having a separate connection to the corresponding crank throw of the crank shaft and a counterweight connected to each crank throw between the connection to the piston in the first cylinder in the row of four combustion cylinders and the connections to the piston in the second cylinder in the row and the piston in the transversely aligned pumping cylinder.

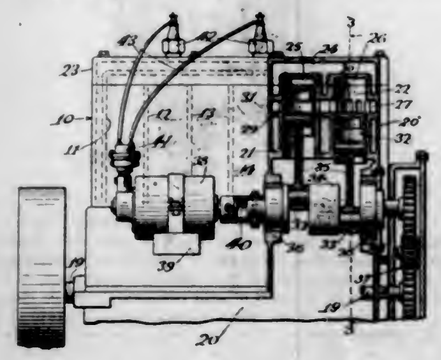
1,623,388. INLET MANIFOLD FOR INTERNAL-COMBUSTION ENGINES. EVERETT R. BURNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Oct. 8, 1924. Serial No. 742,406. 4 Claims. (Cl. 123—122.)

2. A gaseous fuel inlet manifold having three horizontally disposed chambers, the ends of two of said chambers being connected to the ends of the third chamber thereby forming in effect a pair of endless chambers, the third chamber to which the ends of the pair of chambers are connected being provided with a pair of separate outlets



and a tubular member formed integral with said manifold and lying parallel with the three chambers therein, which tubular member is adapted to function as an exhaust gas conduit member.

1,623,389. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Oct. 23, 1924. Serial No. 745,341. 2 Claims. (Cl. 123—53.)

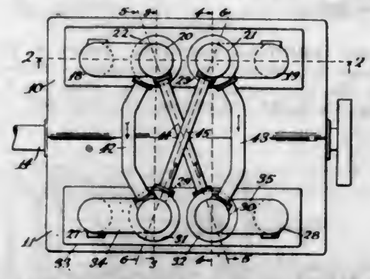


1. The combination in a two stroke cycle internal combustion engine, of a series of six cylinders arranged in a row, two of the cylinders at one end of the row functioning as pumping cylinders, the other four cylinders functioning as combustion cylinders and being arranged in pairs with the head ends of the members of each pair connected by a common clearance, compression and combustion space, piston valve cylinders arranged laterally with relation to said pumping cylinders, piston valves arranged for operation within said piston valve cylinders for controlling the admission of gaseous fuel into said piston valve cylinders, a piston valve crank shaft, means connected to one end of said shaft for driving same at engine crank shaft speed, the other end of said shaft being extended to provide a point of attachment for an engine accessory, and the lower portions of the piston valve cylinders being in direct communication with the interior of the engine crank case, whereby the piston valves and their operating mechanism are lubricated from the oil splash within said crank case.

1,623,390. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed June 18, 1925. Serial No. 37,092. 6 Claims. (Cl. 123—59.)

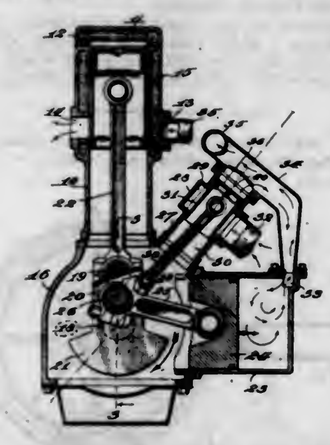
4. In a two stroke cycle internal combustion engine, eight cylinders arranged in two rows of four cylinders each, the two rows being disposed 90° apart, the two

end cylinders of each row having straight diameter chambers, the two center cylinders of each row having two-diameter chambers, the smaller diameter portion of each two-diameter chamber constituting a combustion chamber the head end of which is connected by a common clearance space with the head end of the adjacent straight diameter chamber, the larger diameter portion of each two-diameter chamber constituting a pumping chamber, a transfer duct connecting each pumping chamber with a



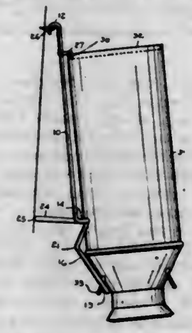
smaller diameter chamber of one of the two diameter chambers in the opposite row of cylinders, a crank shaft having two crank pins arranged 180° apart, pistons arranged for operation within the chambers of the eight cylinders, the pistons within four of the cylinders at one end of the V-structure being connected to one of the crank pins of said crank shaft and the pistons within the four cylinders at the other end of the V-structure being connected to the other one of the two pins of said crank shaft.

1,623,391. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Nov. 5, 1925. Serial No. 66,963. 5 Claims. (Cl. 123—72.)



5. In a two stroke cycle internal combustion engine, a unit comprising a pair of combustion cylinders, a fresh charge pump cylinder and a piston valve cylinder, piston within each of the four cylinders, a crank shaft having three crank pins to each unit of four cylinders, connection between the four pistons and the three crank pins of the crank shaft, the two combustion cylinders being adjacent to each other and having axes parallel, the fresh charge pump cylinder being radially disposed relative to the pair of adjacent combustion cylinders, with its axis 90° apart from the axes of the combustion cylinders, the piston valve cylinder being angularly disposed in the same radial plane as the combustion and pump cylinder and located between the said combustion and pump cylinders, the axes of the combustion cylinders, the pump cylinder and the piston valve cylinders intersecting the axis of the crank shaft, the three crank pins of the crank shaft adapted to each unit of four cylinders being arranged with two pins axially tandem and with a given radial distance between their axes and the axis of the crank shaft, one crank pin between and separating the axially tandem pair of crank pins, the said intermediate crank pin axis being of less radial distance from the axis of the crank shaft, than is the radial distance between the axes of the axially tandem pair of crank pins and the axis of the crank shaft, a wrist pin located in the crank end part of the connecting rod that joins the pump piston to the intermediate crank pin of the least crank throw, the crank end of the piston valve connecting rod being attached to said wrist pin, and the axis of said wrist pin joining the pump piston connecting rod and the piston valve connecting rod, being offset late relative to crank shaft direction of rotation to the dead center line intersecting the axis of the crank shaft and the axis of the wrist pin in the piston valve to which the piston end of the piston valve connecting rod is connected.

1,623,392. DRAINING RACK FOR CONTAINERS. JAMES DAVIDSON, Montreal, Quebec, Canada. Filed June 25, 1926. Serial No. 118,517. 6 Claims. (Cl. 141—11.)



4. In a device of the kind described, a skeleton frame, formed of parallel bars joining a recessed yoke lower end, and having a loop extension from the rear end, and a sliding dog on said parallel bars for engaging an inverted vessel.

1,623,393. CAN PAIRING AND INCASING MACHINE. LEE W. DICELY, Richmond, Calif., assignor, by mesne assignments, to Standard Oil Company of California, San Francisco, Calif., a Corporation of Delaware. Filed July 20, 1925. Serial No. 44,849. 20 Claims. (Cl. 226—15.)



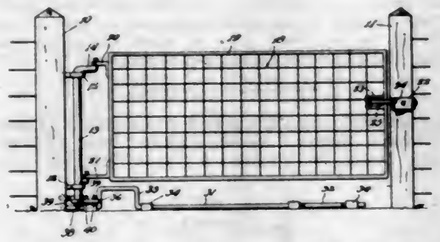
8. In a can pairing and incasing machine, the combination of a conveyor along which a plurality of cans having filling openings are adapted to be conveyed, means for selectively pairing the cans with their filling openings in diagonal opposed positions, and means for fitting a casing over the cans so paired.

12. In an apparatus of the class described, the combination of a conveyor along which a plurality of cans are adapted to be conveyed, means for separating the cans on the conveyor, means for rotating each alternate

can through substantially 180°, means for pairing the cans on the conveyor, means for inverting the cans, and means for fitting a casing over the cans so inverted.

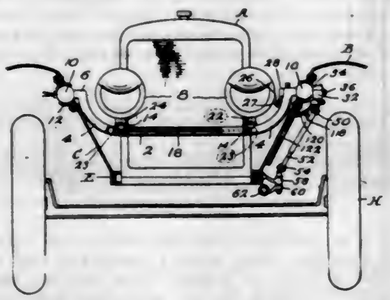
17. In an apparatus of the class described, the combination of means for conveying a plurality of containers, means mounted on the conveyor for pairing the said containers, means for inverting the containers onto a second adjacent conveyor, means on the said second conveyor for arresting the motion of the container, a casing conveyor mounted over the said conveyor and adapted to support the casings in position to be engaged by the forward edge of the container as the same are driven along the second said conveyor so that the containers pull a casing from the casing conveyor over themselves.

1,623,394. GATE. JAMES A. DODD, Lexington, Ky. Filed Sept. 1, 1925. Serial No. 53,861. 1 Claim. (Cl. 39—56.)



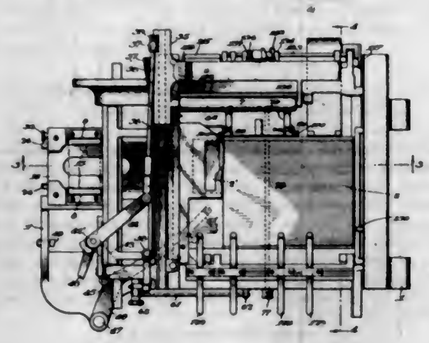
A structure of the character described comprising a support, bearings carried by said support in vertical spaced relation to each other, a shaft rotatable in said bearings, upper and lower arms extending from said shaft and provided with upstanding trunnions, the upper arm being of greater length than the lower arm, a gate, upper and lower brackets extending from one end of said gate and rotatably fitted upon the trunnions of said arms, the upper bracket being of less length than the lower bracket, said shaft having its lower portion reduced and noncircular in cross section and terminating in a threaded stem, a crank arm snugly fitted upon the noncircular portion of said shaft, a securing nut screwed upon said stem to hold said crank arm in place, and actuating means connected with said crank arm and adapted to move the same to rotate said shaft and impart swinging movement to said gate.

1,623,395. DIRIGIBLE HEADLIGHT. JOHN M. DONTON, Bonner Springs, Kans. Filed Mar. 23, 1925. Serial No. 17,734. 2 Claims. (Cl. 240—61.)



1. In a dirigible headlight for motor vehicles, a support carrying a headlight arranged to turn to the right or left, a member actuated by the steering gear of the motor vehicle, a second member loosely connected to the first-mentioned member, a link connected to said headlight, a crank connected to said link, a journaled shaft upon which said crank is fixedly mounted, a gear wheel fixedly mounted upon said shaft, a second gear wheel for driving the first gear wheel, mechanism connecting said second gear wheel and said second member, and manual means whereby said second member may be fixed to said first member so that the headlight may be automatically turned to the right or left with the steering gear, or released from said second member so that the headlight may be held stationary or turned independently of the steering gear.

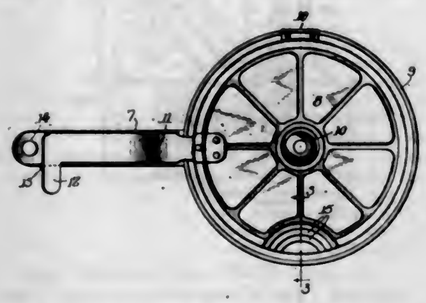
1,623,396. PRINTING MACHINE. JOSEPH S. DUNCAN, Chicago, Ill., assignor to Addressograph Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 9, 1925. Serial No. 61,416. 43 Claims. (Cl. 101—56.)



1. A printing machine comprising means for printing from a plurality of devices, means for feeding said devices from operative position, and a hopper to receive said devices and comprising pivoted means for supporting them in a stack therein with the top of the stack at a substantially constant elevation.

37. A printing machine comprising a bed plate, a platen carriage having a platen adapted to co-operate with said bed plate, and means to shift said platen axially in respect to said carriage after each operation thereof.

1,623,397. SAUCEPAN. RALPH S. DUNLAP, Chicago, Ill. Filed Dec. 10, 1925. Serial No. 74,461. 4 Claims. (Cl. 53—8.)



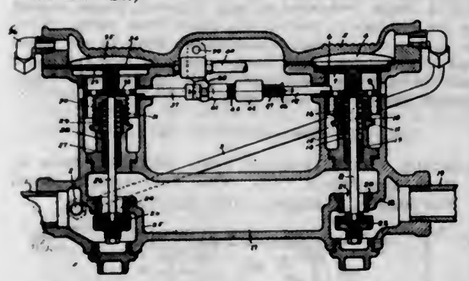
1. The combination with a sauce pan having a radially extending handle of channel form, of a lid fitting the top edge of said pan and permanently hinged to said top edge at a point substantially ninety degrees from said handle, and a radially extending handle approximately coextensive lengthwise with said pan handle rigidly attached to the marginal portion of said lid and adapted to nest within the channel of said pan handle when the lid is closed.

1,623,398. BUMPER. WAYNE E. DUNSTON, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed June 27, 1925. Serial No. 39,965. 12 Claims. (Cl. 293—55.)



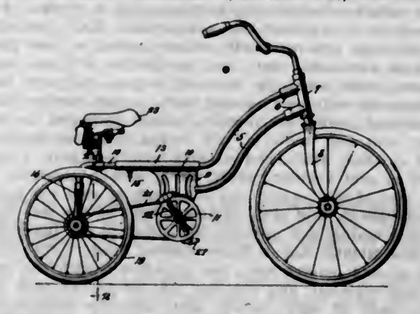
1. A bumper comprising a pair of vertically spaced front or impact bars and a rear or auxiliary bar, extension bars additional to the first three bars and interposed between the ends of the front or impact bars and the ends of the rear or auxiliary bar and secured to the said bars, with the extension bars projecting beyond the ends of the impact and auxiliary bars.

1,623,399. WATER-SOFTENING APPARATUS. CHARLES P. EISENHAUER, Dayton, Ohio, assignor to The Duro Company, Dayton, Ohio, a Corporation of Ohio. Filed July 26, 1926. Serial No. 124,932. 5 Claims. (Cl. 210—24.)



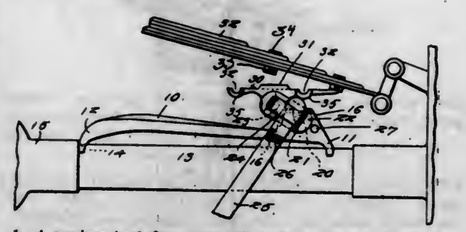
1. In a water softener, a refill valve, a brine valve, means to deliver hydrostatic pressure to open the refill valve, means to deliver hydrostatic pressure to open the brine valve, locking means for said respective valves, a common float actuating means for said locking means actuated by the level of brine in a brine tank, and a brine line adapted to convey brine in one direction and refill water in the other direction controlled by said refill and brine valves.

1,623,400. TRICYCLE. EDWIN H. L. ENGLUND, Muskegon Heights, Mich., assignor of one-third to Sophus M. Peterson and one-third to Hans M. Peterson, Muskegon Heights, Mich. Filed Aug. 3, 1925. Serial No. 47,054. 1 Claim. (Cl. 208—113.)



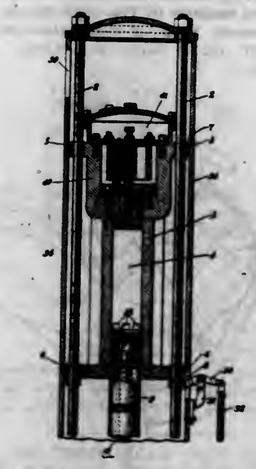
In a tricycle, a frame including a front section and a rear section, vertically spaced bars forming a part of the front section, a guard having a tubular member, forming a part of the front section, said rear section embodying a curved axle supporting bar, a bar extending upwardly from the curved axle supporting bar and extending into the tubular member to adjustably connect the front and rear sections, wheels mounted on the axle, a fork mounted in the forward section, an axle mounted in the fork, and a wheel mounted on the axle of the fork.

1,623,401. SPRING TOOL. ALBERT O. ERICKSON, Jasper, Minn., assignor of one-half to Knute Wold, Jasper, Minn. Filed June 5, 1926. Serial No. 113,930. 6 Claims. (Cl. 29—87.1.)



1. A spring tool for supporting the springs of vehicles in which the springs are directed transversely of the vehicle and overlie the axle thereof, said tool comprising an axle engaging bar adapted to engage the axle beneath the spring and a spring engaging plate overlying the axle engaging bar and connected thereto by a link pivoted to each thereof, said spring engaging plate having at its side edges ears for engaging the side edges of the spring to prevent displacement of the plate with relation to the spring and a lever operatively engaged with said bar and plate for shifting the spring engaging plate to move the same into or out of engagement with the spring, the plate having transverse grooves for the reception of the clip bolts of the spring.

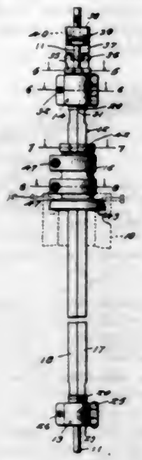
1,623,402. PUMP AND INTERNAL-COMBUSTION ENGINE THEREFOR. WILLIAM S. FRANKLIN, Cambridge, Mass. Filed Sept. 23, 1920. Serial No. 412,154. 28 Claims. (Cl. 60—8.)



1. An internal combustion engine having piston and cylinder members, one of said members being slidably carried by the other and being constantly urged by a constantly acting force toward a position against a fixed abutment, the other member being also slidably mounted, means for supplying an explosive mixture within said

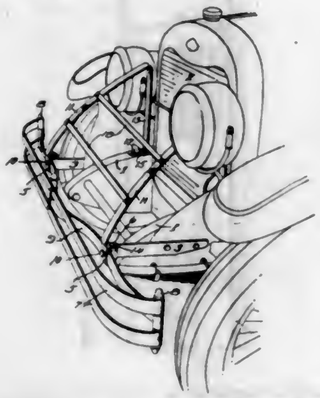
chamber to move the piston relative to the cylinder member and both of said members relative to said fixed abutment to impart energy to said members, and means for utilizing energy thus imparted to said members to perform useful work.

1,623,403. OIL SAVER. JOHN J. FRIEL, Tulsa, Okla. Filed Apr. 3, 1926. Serial No. 99,667. 5 Claims. (Cl. 166—14.)



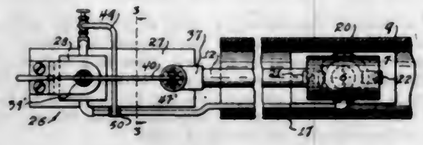
1. In an oil saver for cable lines, a casing surrounding the cable line and secured against longitudinal movement with relation thereto, means for packing the casing to the cable line at the lower end thereof and a packing gland through which the casing is reciprocable, each of said elements being formed in sections adapted to be assembled about the cable.

1,623,404. AUTOMOBILE BUMPER. CHRISTIAN GIRL, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed June 27, 1925. Serial No. 39,912. 16 Claims. (Cl. 293—55.)



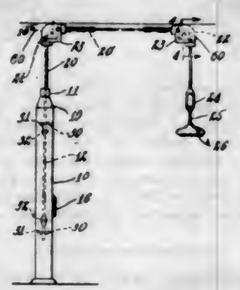
1. The combination, with the side members and radiator of an automobile, of a bumper extending across the front of the automobile below the upper portion of said radiator, a guard or bumper extending upwardly and rearwardly with respect to the first-mentioned bumper and providing a protection for the part of the radiator above the first-mentioned bumper, and means carried by the side members for supporting both of the aforesaid bumpers in operative relation to the radiator and the front of the automobile.

1,633,405. PIPE STRAIGHTENER. JAMES B. GOCKE and CHARLES F. DE CORSE, Los Angeles, Calif.; said De Corse assignor to said Gocke. Filed Aug. 11, 1924. Serial No. 731,376. 1 Claim. (Cl. 153—80.)



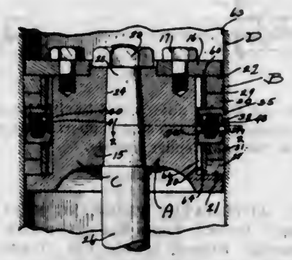
In a device of the character described, a pump body, a rigid rod projecting from said body, a cylinder rigidly fixed to the outer end of said rod, a convex shoe rigidly attached at the lower end of said cylinder with its longitudinal axis paralleling the longitudinal axis of the rod, a piston reciprocal in said cylinder, means carried by the cylinder to prevent the piston from turing therein, and a convex shoe non-revolubly fixed to the upper end of the piston; said means acting to hold the upper shoe so that its longitudinal axis parallels the longitudinal axis of the lower shoe.

1,623,406. HEIGHT-MEASURING DEVICE. ERLE H. HAND, New Britain, Conn. Filed Aug. 17, 1925. Serial No. 50,546. 2 Claims. (Cl. 33—169.)



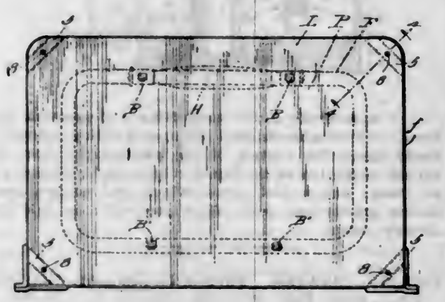
1. In a height measuring device of the class described, a scale-bar having ratchet teeth on a vertical side, a casing housing said scale-bar, means associated with said scale-bar and casing providing for a vertical displacement of said scale-bar, a horizontal shaft journaled in the front and rear walls of said casing, a pawl fixed to said horizontal shaft, and engageable with the said ratchet teeth, means for normally urging said pawl into engagement with said ratchet teeth, a gear fixed on said horizontal shaft, an auxiliary shaft journaled in the front and rear walls of said casing, a pinion fixed to said auxiliary shaft, and meshing with said gear, a cam fixed to said auxiliary shaft, a rod slidably mounted to the rear of said casing, the outer end of said rod being engageable by said cam, an arm pivoted to the rear wall of said casing, and pivotally connected to the inner end of said slidable rod, a brake element fixed to the outer end of said pivoted arm, and engageable with the rear of said scale-bar, and resilient pins projecting from the rear wall of said casing, and normally disengaging brake element from said scale-bar, whereby by disengaging said pawl from the said ratchet teeth, the said brake element engages said scale-bar.

1,623,407. SELF-ADJUSTING PACKING FOR PISTONS. LEWIS C. HARROD, Long Island, N. Y. Filed Apr. 23, 1925. Serial No. 25,369. 4 Claims. (Cl. 74—109.)



1. An expanding device for maintaining piston packings properly on the piston body comprising a pair of annular rings, one having a tongue thereon and the other having a groove adapted to receive the tongue, spring means for forcing the rings away from each other, and means to limit the amplitude of movement of the rings away from each other.

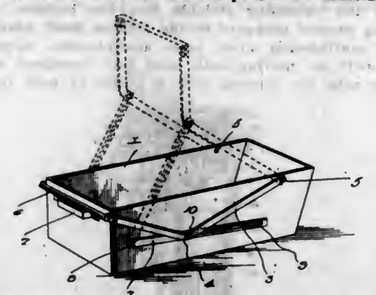
1,623,408. OVEN-DOOR STRUCTURE. SHERMAN HARTER, Mansfield, Ohio, assignor to The New Method Stove Company, Mansfield, Ohio. Filed Sept. 9, 1926. Serial No. 134,453. 4 Claims. (Cl. 126—190.)



1. An oven door comprising a rectangular door body having a rearwardly projecting peripheral flange, short bars at the rear side of said body extending diagonally across the four corners thereof within the confines of said flange and having their ends rigidly secured to the door, said bars being formed with threaded openings, a lining plate contacting with the rear sides of said bars and engaging said flange, said plate having openings alined with said threaded openings, and screws passing through the plate openings and removably engaged with said threaded openings.

1,623,409. RECEPTACLE AND HANDLE THEREFOR. FRED JOHN HEMPEN and OSCAR LIPSMEIER, Aviston, Ill. Filed Jan. 25, 1926. Serial No. 83,621. 2 Claims. (Cl. 220—94.)

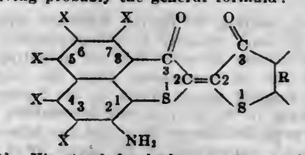
1. In combination with a receptacle, of a pivoted bail therefor, the latter including parallel arms and an intermediate portion forming a handle, the forward ends of the parallel spaced arms being pivotally secured to the respective sides of the receptacle at a point adjacent the forward end thereof, the intermediate portion of each arm being bent, and cooperating means between the bent portions of the respective arms and the rear portions of the sides of the receptacle for limiting the



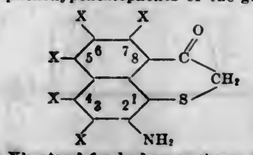
upward swinging movement of the bail whereby said receptacle will be prevented from tilting while being carried.

1,623,410. GREEN BLUE TO GREEN VAT DYESTUFFS OF THE THIOINDIGO SERIES. RICHARD HERZ, Frankfort-on-the-Main, and JENS MÜLLER, Hanau-on-the-Main, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed Mar. 23, 1926, Serial No. 96,863, and in Germany Oct. 25, 1924. 3 Claims. (Cl. 260—53.)

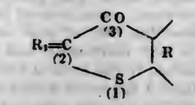
1. As new products vat dyestuffs of the thioindigo series, having probably the general formula:



wherein the X's stand for hydrogen atoms, of which one or more may be replaced by a monovalent substituent, and R means an arylresidue of the benzene or naphthalene series, which may contain further substituents, which dyestuffs are when dry dark powders, soluble in concentrated sulfuric acid to a blue solution, and dye cotton and wool in a yellow to red brownish vat fast green-blue to green shades, which dyestuffs may be obtained by condensing 2-aminoperinaphthoxypenthiophenes of the general formula:



wherein the X's stand for hydrogen atoms, of which one or more may be replaced by a monovalent substituent, with 2.3-diketodihydrothionaphthene compounds of the general formula:



wherein R means an arylresidue of the benzene or naphthalene series, which may contain further substituents, and R_1 means ogygen, Cl_2, Br_2 or an anilresidue.

1,623,411. FRICTION HEAD FOR RIFLE BARS. GEORGE W. HULSHIKER, Stewartsville, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 16, 1925. Serial No. 56,567. 2 Claims. (Cl. 121—7.)

1. In a fluid actuated rock drill, the combination of a cylinder, a reciprocating hammer piston in the cylinder, a back head for the cylinder, a friction ring secured

fixedly in the back head and having a tapered bore, a friction head rotatable and longitudinally movable in the friction ring, a rifle bar carried by the friction head and extending slidably into the hammer piston, spring pressed plungers in the friction head adapted to bear continuously upon some non-rotatable element of the drill for moving said head into frictional engagement with the tapered bore in order to hold the rifle



bar against rotation during the rearward stroke of the piston, a pressure chamber in communication with the cylinder to receive pressure fluid for actuating the friction head out of engagement from the friction ring when the hammer piston starts on its forward stroke, and a passage in the friction ring to establish communication between the tapered bore and the atmosphere for preventing air compressed by the piston from unseating the friction head.

1,623,412. AUTOMOBILE BUMPER. HERBERT S. JANDUS, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed June 27, 1925. Serial No. 39,930. 11 Claims. (Cl. 293—55.)



1. The combination, with the side members of an automobile, of arms secured to the said members and projecting rearwardly therefrom, a bar secured to the said arms and extending across the rear of such vehicle, the said bar having its ends bent rearwardly, one or more impact bars pivotally connected to the ends of the first mentioned bar whereby said impact bar or bars may be swung downwardly and upwardly, and means carried by the first mentioned bar for detachably supporting the impact bar or bars in elevated operative position with respect to the first mentioned bar.

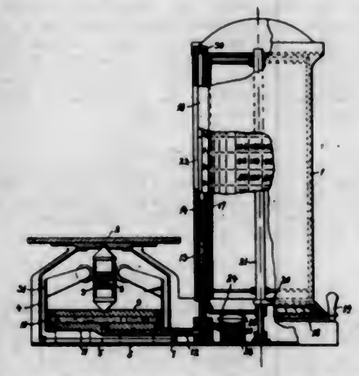
1,623,413. BUMPER. HERBERT S. JANDUS and HAROLD L. BLYDENBURGH, Detroit, Mich., assignors to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed July 1, 1926. Serial No. 119,860. 13 Claims. (Cl. 293—55.)

1. The combination, with a pair of fender guards each comprising a bar adapted to extend across and protect a fender, of a supporting member secured to and projecting rearwardly from the inner portion of each such bar, and a central bumper section extending across the space be-



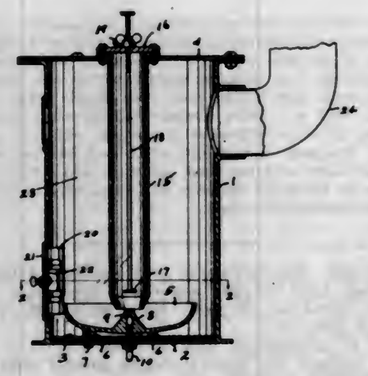
tween the said fender guards and having its opposite ends pivotally connected to the said supporting members and at the rear of the said fender guards.

1,623,414. AUTOMATIC WEIGHING SCALE. THOMAS CHRISTIAN JENSEN, Copenhagen, Denmark, assignor to Scandinavian Export Agency Ltd., Copenhagen, Denmark. Filed May 18, 1925, Serial No. 31,165, and in Denmark May 20, 1924. 10 Claims. (Cl. 265—29.)



1. A hydrostatic scale, comprising a depressible platform; a vertically-disposed rising-and-falling column of liquid under the control of the platform; a float supported on the top of the liquid column and provided with an index; and a dial across which said column moves having graduations with which the index on said float directly coacts.

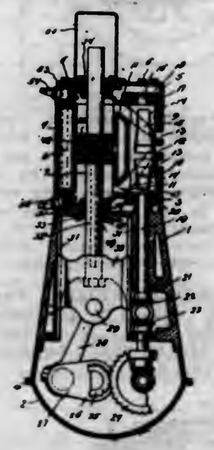
1,623,415. HEATER. THOMAS H. KENNEDY, Alta Loma, Tex. Filed Feb. 16, 1926. Serial No. 88,563. 3 Claims. (Cl. 158—91.)



1. A heater including a jacket, an upstanding nozzle in the bottom thereof, a flue depending from the top of the jacket whose ends are open and whose lower end is

disposed around said nozzle, a transverse anchor bar across the upper end of said flue, a flame spreader in the flue above said nozzle and a rod adjustably connected to said bar and to the lower end of which said spreader is attached.

1,623,416. DOUBLE-ACTING INTERNAL-COMBUSTION ENGINE. MICHAEL G. KOURY, Cairo, Ill. Filed Nov. 6, 1925. Serial No. 67,319. 2 Claims. (Cl. 123—63.)



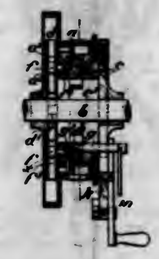
1. A double acting four cycle internal combustion engine, comprising a cylinder body formed with a cylinder opening through opposite ends of said body, and a cylindrical opening formed in spaced parallel relation to the cylinder, cylinder heads removably secured to the opposite ends of the cylinder body, a piston rod having slidable bearings in engagement in said cylinder heads, and extending axially through the cylinder, a rotary cylindrical valve mounted in the cylindrical opening in the cylinder body, bearings for said valve mounted in the cylinder heads, and means operable by the engine for rotating said cylindrical valves in a predetermined timed relation for controlling ports formed in the cylinder body communicating with the opposite end of the cylinder therein in a predetermined manner.

1,623,417. PAVEMENT. FRANK V. LANHAM, Dallas, Tex. Filed Jan. 7, 1927. Serial No. 159,514. 4 Claims. (Cl. 94—10.)



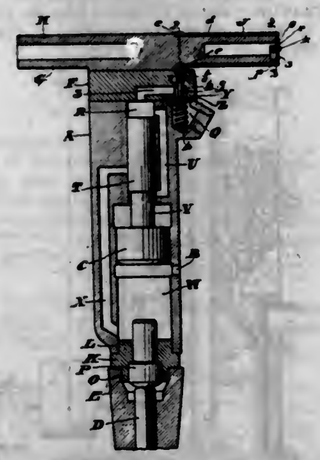
1. A pavement consisting of a concrete foundation, a wear layer of relatively large stones or rocks embedded partially in said foundation with their upper portions protruding from said foundation in close relation to form a wearing surface whereby a plurality of juxtaposed stones or rocks will substantially simultaneously engage the tread of a vehicle wheel passing over the same, and a filler deposited in the voids between the portions of the rocks or stones protruding above said foundation.

1,623,418. CHANGE-SPEED GEARING. ADOLF LAUB, Basel, Switzerland, assignor to the Firm Progression S. A., La Chaux-de-Fonds, Switzerland. Filed Sept. 8, 1925, Serial No. 55,131, and in Switzerland Sept. 22, 1924. 4 Claims. (Cl. 74—53.)



1. A change speed gearing comprising a rotary driving element, a rotary driven element, a series of coupling members eccentrically adjustable relative to the axis of rotation of the gear on one of said rotary elements, two rings on the other rotary element to receive said coupling members between them and positioning means to so position said rings as to be slightly eccentric to one another, for the purpose specified.

1,623,419. ROCK DRILL. GORDON LEE, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed June 18, 1926. Serial No. 116,910. 3 Claims. (Cl. 121—35.)



1. In a rock drill, the combination of a cylinder, a back head therefor, a throttle valve controlling the admission of pressure fluid to the cylinder, a handle secured to the back head for guiding the drill, a sleeve rotatable on the handle, a cam on the sleeve for manipulating the throttle valve, and a slot in the back head cooperating with the cam for holding the sleeve on the handle.

1,623,420. PROPELLER. WILLIAM H. LEINWEBER, Chicago, Ill., assignor of one-third to Victor H. Leinweber and one-third to Curtis H. Leinweber, Chicago, Ill. Filed June 27, 1925, Serial No. 39,957, and in Canada Jan. 25, 1924. 3 Claims. (Cl. 170—159.)

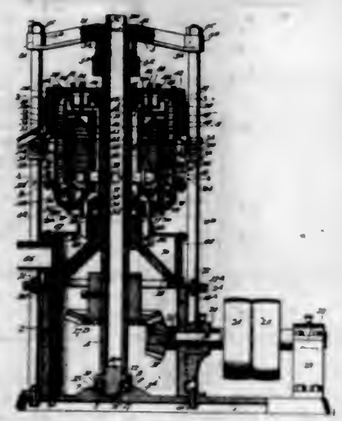
1. A propeller having a plurality of operating surfaces, each curved laterally with axial displacements increasing

progressively more rapidly than proportional to the traverse of said surface from its entering edge to its trailing edge, the plane of the entering edge of each of said surfaces being substantially perpendicular to the axis of the



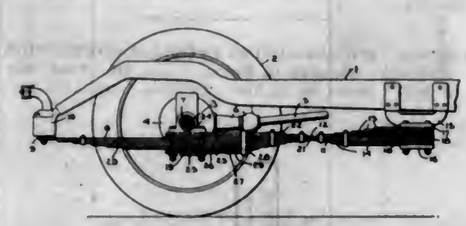
propeller, and each of said surfaces being curved radially of the propeller making the maximum axial displacements of said surface at different radii substantially inversely proportional to said radii.

1,623,421. CENTRIFUGAL AMALGAMATOR AND CONCENTRATOR. FRANK D. LEWIS, Denver, Colo. Filed Mar. 6, 1925. Serial No. 13,482. 12 Claims. (Cl. 209—199.)



1. A centrifugal concentrator and amalgamator, comprising a rotatable cylinder having a plurality of annular mercury holding grooves in its inner face, a circular mercury pocket at the bottom of said cylinder, spaced cylindrical amalgamating units in said cylinder provided with mercury holding grooves, means for dividing the mercury pocket into two annular pockets, means for delivering pulp to the innermost amalgamating unit, means for separating the inflowing pulp from the mercury in the mercury holding pocket in its passage through said units and through said cylinder, means for permitting the discharge of the concentrates from the upper end of the outer cylinder, means for rotating said cylinders and means for discharging the tailings from the bottom of said cylinder, said mercury pocket having normally closed outlets.

1,623,422. TORQUE-ABSORBING SPRING CONSTRUCTION FOR VEHICLES. RALPH M. LOVEJOY, Boston, Mass. Filed Mar. 26, 1925. Serial No. 18,385. 15 Claims. (Cl. 267—36.)



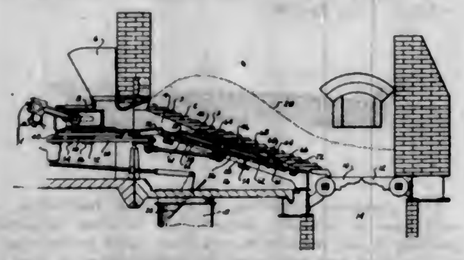
1. A vehicle spring construction comprising a leaf spring mounted upon the axle of the vehicle and having a resilient end portion extending in one direction from the axle and flexibly connected at its end to the end of the frame and a relatively rigid section extending from the axle in the opposite direction and flexibly secured to the frame.

1,623,423. UNDERFEED STOKER. EDWIN LUNDGREN, Frederick, Md., assignor to Combustion Engineering Corporation, New York, N. Y., a Corporation of New York. Filed Apr. 19, 1923. Serial No. 633,096. 3 Claims. (Cl. 110—44.)



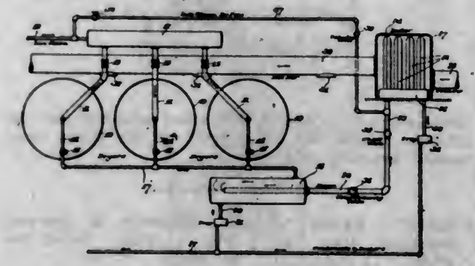
1. An underfeed stoker having, in combination, a wind box, a plurality of downwardly inclined fuel retorts arranged side by side and spaced apart, and fuel supporting tuyère blocks spanning the margins of the side walls of adjacent retorts with the air passages of different blocks of different capacities so as to cause air passing from the wind box through the blocks to be supplied in different quantities to the fuel supporting surfaces of the different blocks, respectively, said blocks having provision for varying the capacity of their air passages.

1,623,424. STOKER. EDWIN LUNDGREN, Frederick, Md., assignor to Combustion Engineering Corporation, New York, N. Y., a Corporation of New York. Filed May 4, 1923. Serial No. 636,523. 15 Claims. (Cl. 110—44.)



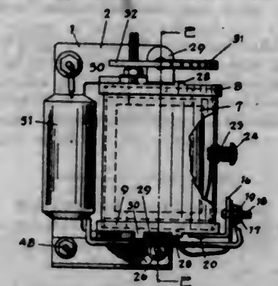
1. In a multiple retort stoker, the combination of a plurality of retorts, means for underfeeding fuel to said retorts, an overfeed grate surface within each of said retorts and extending throughout the major portion thereof, means for supplying air to said overfeed grate surface, and means for controlling the supply of air to one longitudinally extending part of said overfeed grate surface independently of another such part of said surface.

1,623,425. DRIER-HEATING SYSTEM. ALFRED MACKAY, Philadelphia, Pa. Filed Sept. 26, 1924. Serial No. 740,061. 3 Claims. (Cl. 34—48.)



1. In a drier system, the combination of a plurality of drying cylinders, means to separately introduce live steam to said cylinders, a steam separator common to said cylinders and connected to receive exhaust steam therefrom, heater sections in communication with said separator to receive steam therefrom, a housing for said sections having an inlet for cold air and an outlet for heated air, and means for discharging the air from said outlet about the exterior of said cylinders.

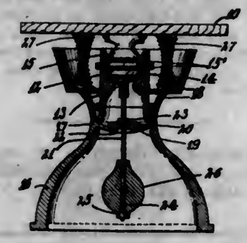
1,623,426. INDUCTION COIL FOR IGNITION SYSTEMS. MARION MALLORY, Toledo, Ohio. Filed Oct. 5, 1925. Serial No. 60,513. 7 Claims. (Cl. 175—356.)



1. In an induction coil, a U-shaped magnetic member, a shell, a coil located in the shell, a pair of caps for closing the ends of the shell, the caps having channels extending radially with respect to the center of the caps, the arms of the U-member fitting the channels to secure the caps in position on the shell.

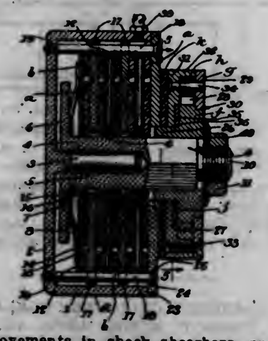
1,623,427. GRAVITY TABLE. FRANK J. MANROCK, Newark, N. J. Filed Jan. 22, 1926. Serial No. 83,066. 2 Claims. (Cl. 114—195.)

1. A self levelling table comprising a top horizontal member, a substantially spherical member mounted at the center of the bottom surface of said top member, a base for said table, a socket for said spherical member mounted on said base, a shelf disposed around said socket positioned below said horizontal top member, a plurality of spaced compression springs interposed between said shelf and said top member adapted to resiliently hold the latter in a substantially horizontal position, a depending rod secured to said spherical member, a weight adjustably mounted on the lower end of said rod and disposed within said base, a partition in said base having an upper concave surface and provided with an opening to accommodate said rod, and a block having a lower convex surface adjustably mounted on



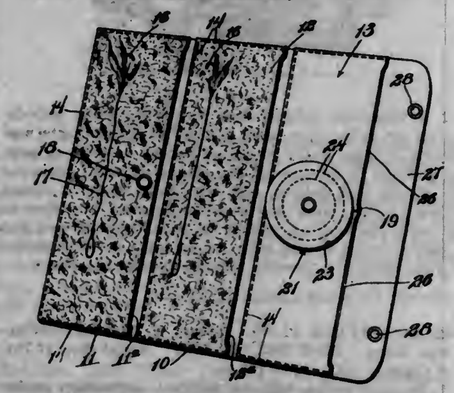
said rod with its convex surface adjacent the concave surface of said partition for retarding the movement of said upper horizontal member.

1,623,428. SHOCK ABSORBER. GEORGE C. MARTIN, Los Angeles, Calif. Filed May 26, 1925. Serial No. 32,928. 6 Claims. (Cl. 188—130.)



1. In improvements in shock absorbers, an arm member, a pair of friction members, said arm member being permitted to move over a determined neutral position thereof prior to moving one of the friction members, the other friction member at all times exerting a constant and even resistance to movement of the arm member over the neutral position.

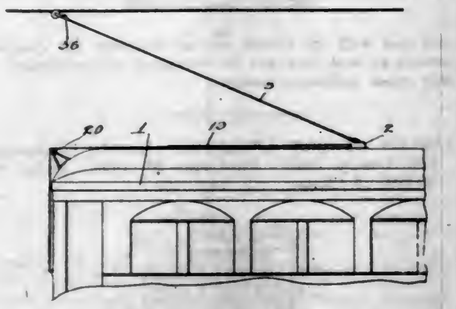
1,623,429. FLY BOOK. P. HILBERT MARTINSON, Wenatchee, Wash. Filed Mar. 31, 1925. Serial No. 19,712. 3 Claims. (Cl. 43—32.)



1. In a fly-book comprising a transversely foldable backing sheet, a plurality of strips of material of the same width as the backing sheet secured to said backing

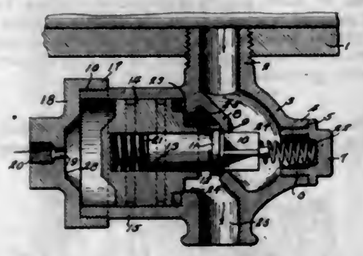
sheet and extending transversely thereof upon one side of the backing sheet, said strips of material being secured to the backing sheet at their ends and one side to thereby combine with the backing sheet to produce pockets, the outer faces of said strips of material being provided with a layer of fibrous material for the reception of barbs of hooks, a pair of said layers opposing their fibrous faces during folding of the backing sheet.

1,623,430. TROLLEY CONTROL. JULIUS GRANT MCMAKIN, Chicago, Ill. Filed Mar. 23, 1925. Serial No 17,502. 5 Claims. (Cl. 191—66.)



1. In a control of the class described, a support, a trolley rod pivoted upon said support, a cable for holding said rod in elevated position, a pulley for winding said cable to put it under supporting tension, a pawl for maintaining said pulley under tension, and a solenoid energized when said trolley rod leaves the wire for releasing said pawl to permit the trolley rod to drop.

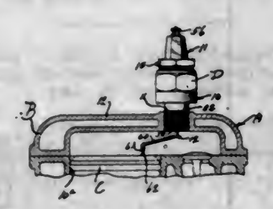
1,623,431. COMBINED CYLINDER COCK AND RELIEF VALVE. VINCEN P. MCVOY, Mobile, Ala. Filed July 3, 1920. Serial No. 393,890. 5 Claims. (Cl. 121—134.)



2. A combined cylinder cock and relief valve embodying an air cylinder, a bored piston therein having a seat portion, a check valve supported in and movable to seating position in advance of the piston, adjacent seats for the piston seat portion and the check valve, a spring acting on the piston and disposed between the stem of the valve and the end wall of the bore of the piston, and a spring acting on the valve to hold the same in seated position when air pressure is released from the piston.

1,623,432. SPARK PLUG. ROBERT C. MYERS, Hutchinson, Kans. Filed Mar. 23, 1925. Serial No. 17,751. 6 Claims. (Cl. 123—169.)

1. In combination with an internal combustion engine including a casing provided with a cylinder chamber and a spark plug inserting opening in the casing above and axially offset from the cylinder chamber, a spark plug for said spark plug inserting opening, said spark plug including an insulating core and an electrode carried by said insulating core, said electrode at its inner end pro-



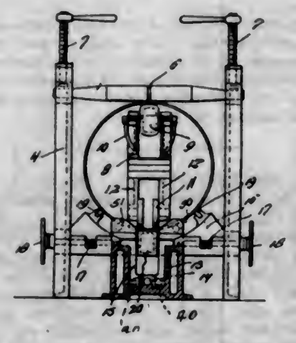
viding a relatively long flexible offset extending into the cylinder chamber for engagement by the piston upon topmost movement of the latter.

1,623,433. LAWN MOWER. HERBERT B. NEWTON, Brookline, Mass. Filed Nov. 7, 1925. Serial No. 67,567. 11 Claims. (Cl. 56—254.)



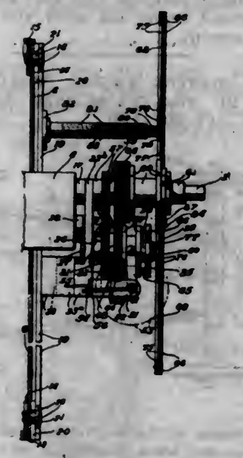
1. A lawn mower comprising a driven axle, spider arms fixed to and projecting laterally therefrom and provided with keepers at their outer ends, the arms being arranged in pairs, and resilient blades having keyhole slots in their end portions adapted to receive the keepers when the blades are moved sidewise upon the arms to an abnormal inoperative position, and to be interlocked with the keepers by edgewise swinging movements of the blades to normal operative positions, one arm of each pair having a different angular arrangement from the other, causing a spiral formation of the blade engaged therewith.

1,623,434. PIPE-WELDING APPARATUS. FRANK P. OFNER and WALTER H. NOURSE, Portland, Oreg. Filed Apr. 28, 1926. Serial No. 105,243. 8 Claims. (Cl. 219—6.)



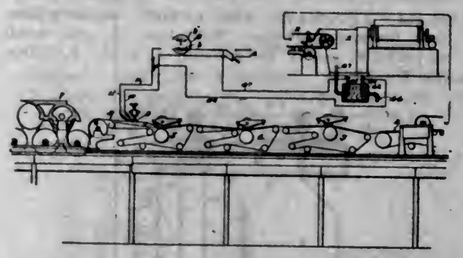
1. In means for welding pipe sections together and in combination, means for moving pipe sections longitudinally, hollow cooled rolls disposed below the lower and upper contiguous edges of the pipe sections, and electrodes disposed above the lower and upper contiguous edges of the pipe sections.

1,623,435. MOTION-PICTURE PROJECTOR. FREDERICK T. O'GRADY, Flushing, N. Y., assignor to Helen Vogt O'Grady, Flushing, N. Y. Filed May 18, 1923. Serial No. 639,844. 17 Claims. (Cl. 88—16.4.)



1. In a motion picture projector, the combination of a rotatable color filter carrier rotatably mounted on and driven from the shutter shaft of the projector and having two diametrically opposed light filters of different color thereon, and means for synchronizing said filters with a film having alternate images of two different color values corresponding with the color values of the filters while the projector is in operation.

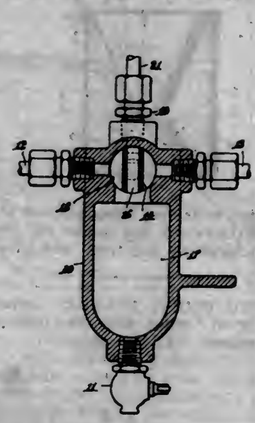
1,623,436. MOISTURE-TESTING MEANS FOR PAPER-MAKING MACHINES. FRANK A. PESCHL, Jackson Heights, N. Y., assignor to International Paper Company, a Corporation of New York. Filed June 22, 1926. Serial No. 117,662. 18 Claims. (Cl. 92—38.)



1. In a paper making machine, the combination of means for supporting the traveling paper web, a contactor member provided with spaced contact surfaces insulated from each other, means for supporting said member in fixed relation to the travel of the web and with said surfaces in contact therewith, whereby the web in its travel will sweep over said surfaces and keep them clean, an electric circuit including said contact surfaces, and an electric-current indicating instrument included in said circuit.

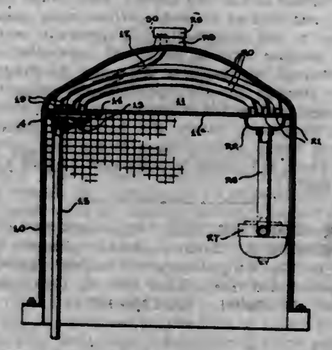
1,623,437. SEDIMENT COLLECTOR. WALTER B. POHLE, Lynn, Mass., assignor of one-third to Parker B. Haskell, Lynn, Mass., and one-third to Susan V. Russell, Chelsea, Mass. Filed Jan. 30, 1926. Serial No. 84,869. 6 Claims. (Cl. 210—57.)

1. A casing provided with alined inlet and outlet pipes; a pet cock at the bottom of said casing; a flat sided member in said casing between said pipes rotatable about alined trunnions disposed in the side walls of said casing and having a passage therethrough adapted to be



alined with said pipes, the flat sides of said member being separated from the ends of said pipes under normal conditions; and means whereby the sediment may be removed from the bottom of said casing.

1,623,438. AIR HEATER AND MOISTENER FOR CARBURETORS. WILLARD J. PAIESTLEY, South Sioux City, Nebr. Filed Mar. 6, 1926. Serial No. 92,898. 4 Claims. (Cl. 123—25.)

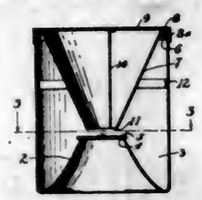


1. A device of the character described comprising in combination, a radiator provided with an upper header, an air moistening compartment located below the upper header and connected with the usual overflow pipe of said radiator, an air chamber sealed to the bottom of the header, a plurality of tubes connecting the air moistener with the air chamber, said air moistener being provided with a passage for the admission of air to the air moistener, a carburetor, and a tube connecting the air chamber with the carburetor.

1,623,439. ANT TRAP. WILLIAM EDWARD RAWLINGS, Santa Clara County, Calif. Filed Sept. 7, 1926. Serial No. 134,089. 2 Claims. (Cl. 43—107.)

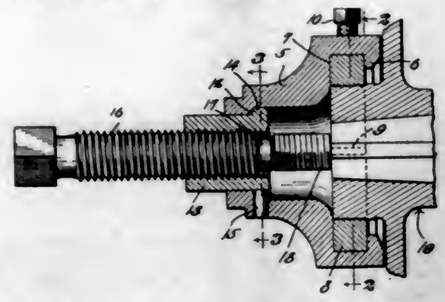
1. An ant trap comprising a chamber having a mirror mounted therein, means providing a path of travel for

ants suspended in opposed and spaced relation to the reflecting surface of said mirror but closely approaching



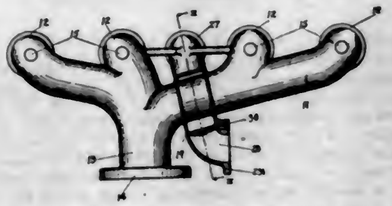
the same, the gap so formed being adapted to permit the passage of ants thereover and means for closing off all other paths of travel to and from said chamber.

1,623,440. AUTO WHEEL PULLER. JOSEPH V. RAY, Greensboro, N. C. Filed June 29, 1926. Serial No. 119,387. 2 Claims. (Cl. 29—85.)



1. In a wheel puller, a rectangular body portion having a flange formed at one end thereof, said flange defining a guideway, one edge of the body portion being open to permit access to the body portion, a removable rectangular threaded member split to permit of expansion and contraction thereof, adapted to be slid under the flange, means extending through the body portion and contacting with the rectangular threaded member to cause the rectangular threaded member to clamp the hub of a wheel to be pulled, and means cooperating with the body portion and axle on which the wheel is positioned to pull the wheel from its shaft.

1,623,441. FUEL HEATER FOR INTERNAL-COMBUSTION ENGINES. HARRY E. RHOADS, Toledo, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Feb. 10, 1919. Serial No. 276,124. 11 Claims. (Cl. 123—122.)

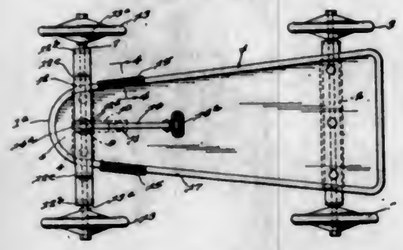


1. In a fuel vaporizing device, an exhaust pipe, a fuel inlet conduit having two branches each partially surrounding said exhaust pipe, one being arranged to traverse a greater portion of the exhaust pipe than the other, whereby to provide passages of different vaporizing power, said conduit being so shaped as to cause the heavier particles of the fuel by centrifugal action to traverse the passage having the greater vaporizing power when suction is produced in said passages.

1,623,442. BUILDING BLOCK. ELLIS ROBERTS, East Palestine, Ohio. Filed June 22, 1925. Serial No. 38,921. 2 Claims. (Cl. 106—24.)

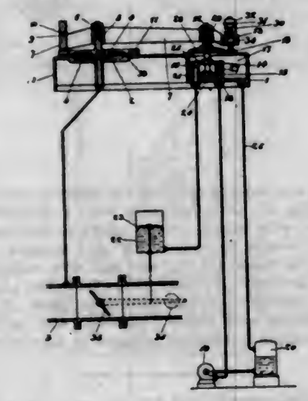
2. A block comprising a mixture of about two parts of crushed burnt slate, one part wood saw dust, and one part of Portland cement and water, and a small amount of calcium stearate.

1,623,443. COASTER WAGON. WILLIAM M. SHEWAY, Chicago, Ill. Filed Oct. 26, 1925. Serial No. 64,962. 6 Claims. (Cl. 280—87.5.)



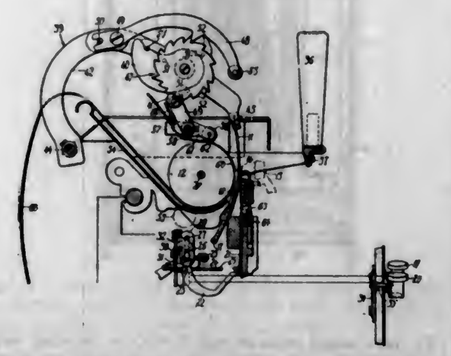
2. In a wagon of the character stated, a body adapted for use as a seat when coasting, a rear axle and wheels mounted thereon supporting the rearward portion of the body, a front axle connected to the forward portion of the body for turning movement about a vertical axis at the transverse center of the forward portion of the body, wheels mounted on the front axle adjacent the ends thereof, and a bow having its arms mounted on the front axle at opposite sides of and remote from the axis of turning movement of said front axle, the bow being freely movable about the front axle and of a height and width to extend over and about the forward portion of the body when the bow is in raised position, the width of the bow being sufficiently greater than the width of the forward portion of the body to permit turning of the front axle by means of the bow when it is in raised position for steering purposes.

1,623,444. AUTOMATIC REGULATOR. ARVID MARTIN SJÖÖ, Stockholm, Sweden. Filed June 13, 1923, Serial No. 645,218, and in Sweden July 4, 1922. 5 Claims. (Cl. 50—10.)



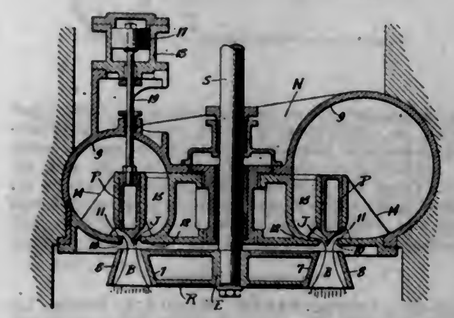
3. In an automatic regulating device, the combination of a relay member, a regulating member, a fluid motor connected with and actuating the regulating member, a balanced two-seated outlet valve having a casing and means for causing a fluid to flow through the outlet valve casing to the fluid motor, said means always maintaining an open communication through the balanced valve casing to the fluid motor, the balanced valve operating to reduce the pressure within its casing and thereby control the pressure transmitted to the fluid motor for operating the regulating member.

1,623,445. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Feb. 27, 1925. Serial No. 11,952. 9 Claims. (Cl. 197—135.)



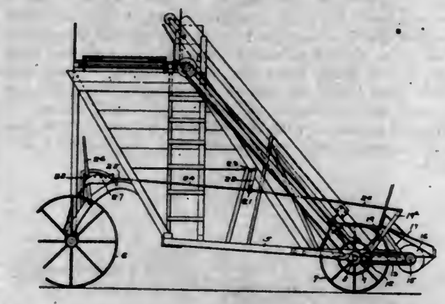
1. In a front-strike stencil-card typing machine, the combination with a platen, of a liftable overhead frame, a carriage for said platen and frame, a card-holding frame connected at its top end to the front of said overhead frame and suspended in front of the platen and having side and bottom gages for a card, and a guard erected upon the framework of the machine and extending along the platen and confining said card-holding frame between the guard and the platen, and means for elevating said overhead frame step by step together with said card-holding frame, the latter being confined by said guard during all elevating and lowering movements of said overhead frame.

1,623,446. IMPULSE TURBINE. HARVEY BIRCHARD TAYLOR, Philadelphia, Pa. Filed Nov. 20, 1920. Serial No. 425,318. 44 Claims. (Cl. 253—154.)



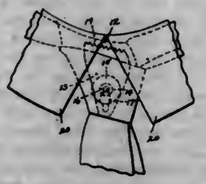
1. An impulse turbine having a runner provided with a circular series of buckets and means forming an inlet passage having an annular orifice for directing an axially progressing continuous circular jet against all of said buckets simultaneously.

1,623,447. HAY LOADER. JOHN G. TAYLOR and HIRAM STOKER, Lovelock, Nev. Filed June 18, 1924. Serial No. 720,849. 1 Claim. (Cl. 56—358.)



A hay loader comprising a main supporting frame, a main slatted cylinder, an auxiliary slatted cylinder to the rear of the main cylinder, a supporting frame for the auxiliary cylinder, a pair of rods attached to the last named frame for elevating said auxiliary slatted cylinder, a swinging bar extending from side to side of the hay loader and hung from the main supporting frame and to which the forward ends of the rods are connected, cables attached to the outer portions of said bar and an operating rod disposed in advance of said bar and to which said cables are attached.

1,623,448. KNOT SUPPORTER FOR FOUR-IN-HAND NECKTIES. FRED I. THAYER, Farmington, N. H. Filed Dec. 29, 1926. Serial No. 157,680. 2 Claims. (Cl. 24—56.)

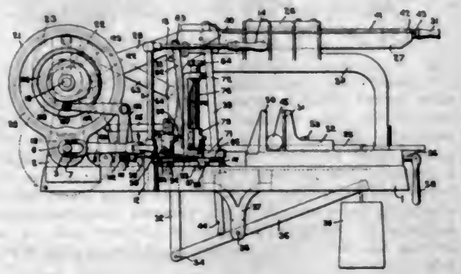


1. A four-in-hand necktie knot-supporter composed of an oblong piece of sheet material having a slotted end portion formed to engage and be supported by a collar-button shank, and an opposite end portion having a knot-engaging edge adapted to bear on the inner surface of the fold constituting the top of the knot as formed by the wearer, the length of the supporter being such that when its slotted end portion is engaged with a collar-button shank, the knot-engaging edge is adapted to confine said top in the end portions of the fold of a turn-down collar engaged with the button, the supporter being adapted also to support said end portions when the collar is of soft construction, the supporter, when in use, being located in the inner side of the knot without adding appreciably to the thickness of the knot from the rear to the front thereof.

1,623,449. METAL-CUTTING MACHINE. ARTHUR GRAHAM THOMPSON, New York, N. Y., and LINUS K. SPRAGUE, New Haven, Conn., assignors to The Henry G. Thompson & Son Company, New Haven, Conn., a Corporation of Connecticut. Filed Nov. 17, 1924. Serial No. 750,285. 17 Claims. (Cl. 29—73.)

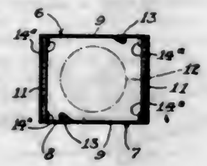
1. A metal cutting machine comprising a work support, a saw blade having an edge provided with teeth and with gullets intermediate the successive teeth of sufficient capacity to permit the coiling therein of strips of metal cut from the stock by the respective teeth throughout the cutting field, means for reciprocating the saw blade to

give the cutting stroke and a return stroke in a path above the path of the cutting stroke, and means acting during the cutting stroke continuously and positively to feed the saw blade relatively to the work support and to prevent greater than a predetermined depth of penetration, in which machine the speed of the saw during the cutting stroke, the feeding movement thereof, the resistive properties of the stock being cut, the maximum cutting field of the stock being cut and the capacity of the gullets of the saw are correlated to cause each tooth during its cutting engagement with the stock to cut metal therefrom of a maximum bulk not greater than the capacity of a gullet.



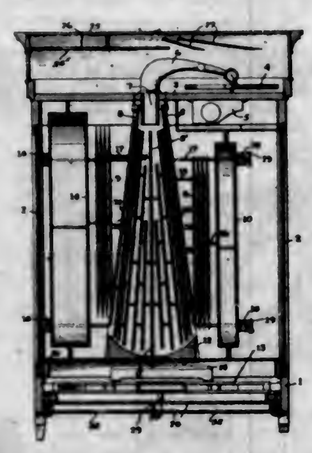
8. A metal cutting machine comprising a supporting bed, a saw frame vertically and longitudinally movable with respect to the bed, a saw blade mounted in the frame, means for longitudinally reciprocating the saw frame to give alternating cutting and return strokes to the saw blade, a feed screw, means for positively rotating said feed screw continuously during the cutting stroke, a nut cooperating with the feed screw and releasable therefrom, a connection between the nut and the saw frame whereby the rotation of the feed screw will feed said saw frame relatively to the supporting bed, and means for automatically disengaging the nut from said screw at a predetermined point during the feeding operation.

1,623,450. AUTOMOBILE SIGNAL DEVICE. LOUIS VAN GALE, Astoria, N. Y. Filed Jan. 24, 1923. Serial No. 614,529. 5 Claims. (Cl. 40—132.)



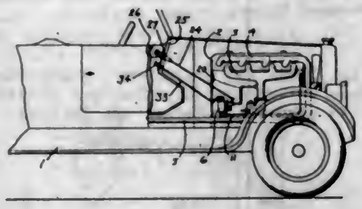
3. In an automobile signal case a plurality of sectional elements each consisting of a rectangular shaped box adapted to register one on the top of the other, each sectional element having flush top and bottom flat surfaces, said boxes each comprising two flat-sided stamped metal parts each of identical cross-section with interengaging joints inwardly projecting on each section, and means in said signal box for locking said plurality of elements together in fixed engagement.

1,623,451. PHONOGRAPH. IGNATIUS J. VETTER, New York, N. Y. Filed Sept. 11, 1923. Serial No. 662,031. 16 Claims. (Cl. 274—2.)



11. In a sound transmitting device, an amplifier comprising a rack of sound boards for receiving and amplifying sounds, a sound reflector positioned adjacent an end of said amplifier, a resonator, means connecting said amplifier and resonator in sound vibrative connection, said means extending through said reflector.

1,623,452. VAPORIZER. JARVIS SHERMAN WIGHT, Brooklyn, N. Y. Filed Nov. 30, 1921. Serial No. 518,746. 5 Claims. (Cl. 123—25.)



1. A vaporizer for an internal combustion engine, comprising in combination, a water supply, an automatic valve controlling said water supply, an air supply, means for vaporizing the water and mixing the air with the water vapor, an outlet for supplying said mixture to the engine intake manifold, and means cooperating with said valve for supplying an excess of moisture from said vaporizer to said outlet in the form of globules or spray.

1,623,453. UNDERREAMER. WILLIAM R. WILSON, Los Angeles, Calif. Filed Nov. 13, 1925. Serial No. 68,810. 4 Claims. (Cl. 255—74.)

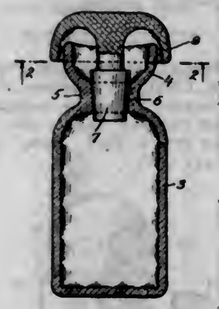
1. In an under-reamer, a shank formed with a transverse slot, a pair of cutters arranged in said slot and slidably supported therein, a slide-bar carried by said shank and interposed between said cutters, oppositely inclined ledges on said slide-bar adapted to engage the lower

end portions of said cutters, protuberances on said slide-bar engageable with the upper end portions of said cutters, said ledges and protuberances operable on longi-



tudinal movement of said slide-bar to move the cutters outwardly at their upper and lower ends, and means for limiting outward movement of the cutters.

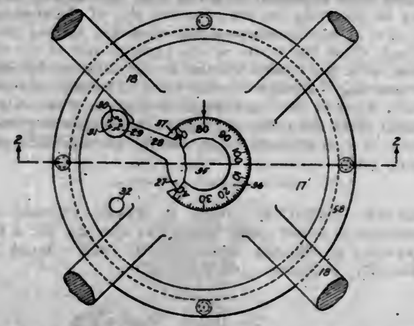
1,623,454. EYEWASH BOTTLE. PETER M. WILSON, Niagara Falls, N. Y. Filed Aug. 18, 1925. Serial No. 50,909. 1 Claim. (Cl. 128—249.)



An eye-wash bottle comprising a bottle portion adapted to contain a portion of the eye-wash, said bottle portion having formed integrally therewith an eye-cup portion having a rim of contour adapted to fit about an eye, the interior of the eye-cup portion having a passage communicating with the interior of the bottle portion, and a stopper adapted to tightly fit said passage, said stopper having a protective bell-shaped cover for the eye cup attached thereto.

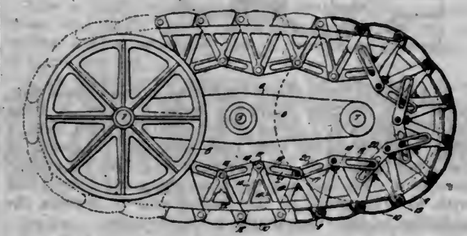
1,623,455. AUTOMOBILE LOCK. HOWARD E. ANDREW, Vancouver, Wash. Filed Jan. 5, 1926. Serial No. 79,289. 2 Claims. (Cl. 70—129.)

2. An automobile lock adapted to be placed between the steering wheel and the steering wheel shaft of an automobile, said lock having an outer shell adapted to be secured to said shaft; a hub forming a part of the steering wheel, said hub having means for rotatably attaching same to said shell; a plurality of plungers radially mounted within said shell adapted to lock said hub to



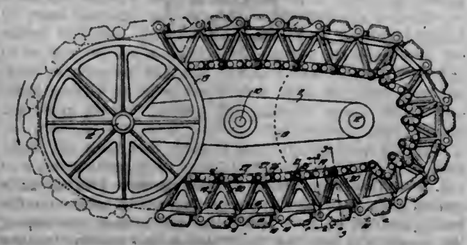
said shell when projected; a cam for moving said plungers radially simultaneously; and means for locking said cam against rotation.

1,623,456. VEHICLE. ISAAC H. ATHEY, Chicago, Ill., assignor to Athey Truss Wheel Co., Chicago, Ill., a Corporation of Illinois. Filed Feb. 1, 1923. Serial No. 616,404. 5 Claims. (Cl. 305—10.)



1. A track chain for a vehicle comprising a plurality of shoes, each having a tread member, the edges of the adjacent tread members being pivotally connected, a truss arm extending inwardly from each side of each end of said shoes, said arms converging toward each other and being secured together at their inner ends, the arms on alternate shoes being shorter than the arms on the other shoes, a horizontally extending pivot pin carried by the inner ends of the truss arms of each shoe, and truss links connecting the pin of each shoe with the pins of the adjacent shoes, said links having longitudinally extending slots formed therein for receiving the pins on the shorter truss arms.

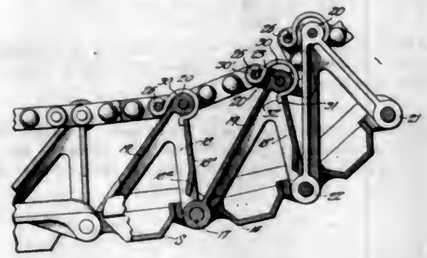
1,623,457. VEHICLE. ISAAC H. ATHEY, Chicago, Ill., assignor to Athey Truss Wheel Co., Chicago, Ill., a Corporation of Illinois. Filed Feb. 1, 1923. Serial No. 616,406. 11 Claims. (Cl. 305—10.)



1. A track chain formed of a plurality of shoes, each comprising a tread portion having a pair of spaced lugs projecting from one side thereof for receiving a second

pair of spaced apart lugs on the adjacent side of the next adjacent shoe, pintles pivotally connecting the lugs of adjacent shoes, a V-shaped member comprising two converging truss arms, one of which ends in a single bearing block for receiving the pintle on one side of the shoe, and the other of which ends in a pair of spaced bearing blocks through which the pintle on the opposite side of the shoe passes, said last named bearing blocks being spaced apart for receiving the single bearing block of an adjacent shoe, a cross head at the juncture of said arms, a pin carried by said cross head and having its ends projecting therefrom, and a truss chain connecting the corresponding ends of said pins.

1,623,458. VEHICLE. ISAAC H. ATHEY, Chicago, Ill., assignor to Athey Truss Wheel Co., Chicago, Ill., a Corporation of Illinois. Filed Feb. 1, 1923. Serial No. 616,407. 9 Claims. (Cl. 305—10.)



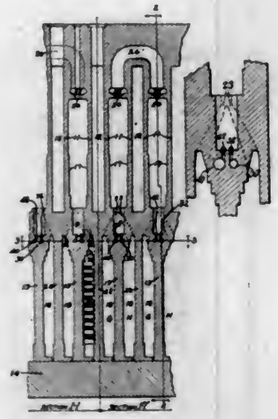
7. A vehicle track chain comprising a tread chain composed of a pivotally connected series of shoes, a truss chain composed of a series of pivotally connected links, a truss arm associated with each shoe and connected to the truss chain, and a spring encircling each connection between a truss arm and the truss chain and cooperating with both to assist in the folding and to cushion the unfolding of the truss chain.

1,623,459. MILK BOTTLE. OSCAR H. BAKER, New York, N. Y. Filed Feb. 28, 1925. Serial No. 12,216. 3 Claims. (Cl. 215—31.)



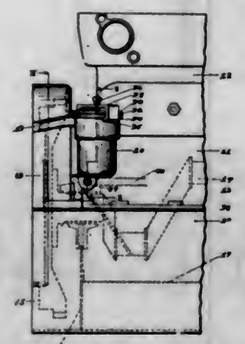
1. A milk bottle having indicia thereon identifying a certain milk, and provided with indicating means on the bottle located at, and indicating, the proper location of the cream line for the particular milk identified by the indicia, whereby the cream line of any therein contained milk may be compared with the indicated cream line of the particular milk identified by the indicia.

1,623,460. COMBINATION OVEN. JOSEPH BECKER, Pittsburgh, Pa., assignor to The Koppers Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Aug. 19, 1925. Serial No. 51,120. 15 Claims. (Cl. 202—9.)



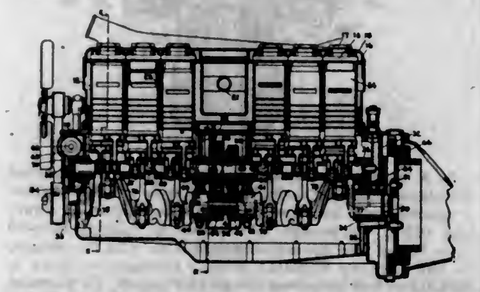
1. In a coke oven, in combination: a heat treating chamber; a flued heating wall adjacent thereto; a plurality of channels proportioned for supplying gases of different heats of combustion respectively to the planes of said flued heating wall; and regenerators communicating with the flues of said flued heating wall independently of said channels for preheating the air of combustion when at least one of said channels is connected to feed gas to the flues of the flued heating wall and for separately preheating the gas and air of combustion when a gas whose operation is improved by preheating is employed; substantially as specified.

1,623,461. LUBRICATION SYSTEM FOR INTERNAL-COMBUSTION ENGINES. EDWARD H. BELDEN, Toledo, Ohio, assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 1, 1917. Serial No. 194,182. 6 Claims. (Cl. 184—11.)



1. In an internal combustion engine, the combination of a crank-case, a crank-shaft journaled therein, a fly-wheel on said crank-shaft, an integral member comprising in part a casing for said fly-wheel and a bearing for said shaft and forming an oil reservoir having a passage leading to said casing and having a passage leading to said bearing, and a baffle whereby oil thrown from said fly-wheel is directed into said reservoir and from thence to said bearing.

1,623,462. INTERNAL-COMBUSTION ENGINE. EDWARD H. BELDEN, Toledo, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Mar. 5, 1921. Serial No. 449,715. 13 Claims. (Cl. 123—195.)



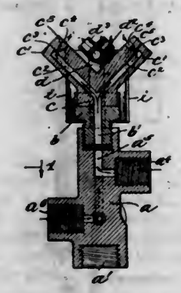
9. In an explosive engine, a crank casing having lubricating passageways formed therein, cylinders carried by the casing provided with intake and exhaust ports, pistons within the cylinders, valves for controlling said ports, a crank shaft journaled in the casing and operatively connected with said pistons, said crank shaft having passageways therein leading to its several bearings and communicating with the first mentioned passageways, an eccentric shaft journaled in the casing and operatively connected with said valves, driving means connecting said shafts at their centers, means for forcing lubricating material through said passageways to the bearings of said shafts, and a spring pressed outlet valve controlling an outlet passageway leading from said crank shaft and located to discharge lubricating material upon said driving mechanism when the valve is open.

1,623,463. INCLINOMETER. CASSIUS M. COLLINS, Bakersfield, Calif. Filed Apr. 1, 1926. Serial No. 99,099. 1 Claim. (Cl. 33—215.)



An inclinometer comprising a face plate having a forwardly bowed portion shaped to correspond to a section of a cylinder and formed with a view opening, an indicator spanning said opening, a yoke of substantially U-shaped form disposed behind said face plate and having its ends bent laterally and secured to said face plate, said yoke being disposed in a plane at right angles to the plane of said face plate and having in its arms bearing openings, a wheel disposed between the arms of said yoke and having a shaft the ends of which engage and project through the bearing openings in the arms of the yoke, collars fixed on the projecting ends of said shaft, said wheel having its peripheral portion disposed at and close to the rear side of the forwardly bowed portion of said face plate, said peripheral portion of the wheel being provided with degree designations, and a weight arranged eccentrically on said wheel.

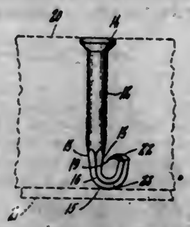
1,623,464. GAS JET AND MEANS FOR IGNITING SAME. ARTHUR V. CONOVER, New York, N. Y., assignor to Interflash Signal Corporation, New York, N. Y., a Corporation of New York. Filed May 11, 1926. Serial No. 108,239. 11 Claims. (Cl. 67—16.)



2. In a burner supplying gas for combustion in a single flame, a plurality of jets, means for causing the jets to impinge against each other, and a plurality of pilot lights to ignite the jets.

3. In a burner for supplying gas for combustion in a single flame, a burner fixture, burners carried by the fixture, means for supplying gas to the burners through the fixture, a plurality of pilot light burners carried by the fixture, and means for supplying gas to the lights through said fixture.

1,623,465. CLINCHING WIRE NAIL. GEORGE A. CURTIS, Framingham, Mass. Filed July 27, 1926. Serial No. 125,171. 1 Claim. (Cl. 85—10.)



A clinching wire nail comprising a headed shank portion whose diameter is determined by that of the wire, an inner clinching portion having relatively wide opposite sides and narrow intermediate edges, so that it is oblong in cross section, and adapted to be bent in a predetermined direction, and an outer clinching portion adapted to be bent in the same direction as the inner portion, the cross sections of the said portions differing, so that the outer portion is more easily bent than the inner portion, the outer portion having flat opposite sides, which join the sides of the inner portion, and narrow intermediate edges, the sides and edges of the outer portion converging to a penetrating point coaxial with the nail, the said sides being parallel with each other in any cross section of the outer portion, so that resistance to clinching force is not greater at the longitudinal center than at the edges, and inclined toward each other from the inner portion to the point, so that the outer portion may be clinched with relative ease, the form and relative arrangement of the clinching portions being such that when the nail is driven

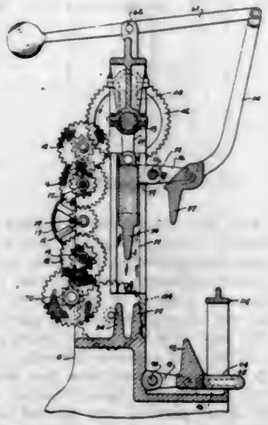
against a clinching surface, the outer portion is first bent in a predetermined direction and forms an anchoring spur projecting abruptly from the unbent inner portion, and the inner portion is then bent to a less degree in the same direction, and forms a hook from which the spur projects to anchor the hook in the material with which it is engaged.

1,623,466. COIN-CONTROLLED MECHANISM. CARMELO DI MARTINO and EDWARD LINDQUIST, Paterson, N. J. Original application filed Jan. 13, 1926, Serial No. 80,940. Divided and this application filed May 27, 1926. Serial No. 112,008. 6 Claims. (Cl. 194—59.)



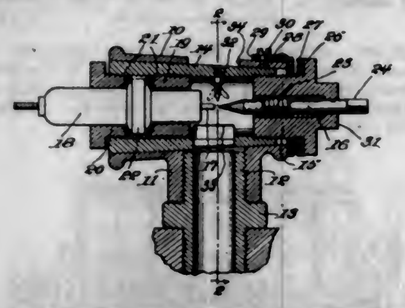
1. In a coin-controlled apparatus, means to be manually moved having a cam surface, a detent arranged to obstruct the movement of the first means beyond a predetermined limit and movable to clear the same, and means to receive and support a coin between said cam surface and detent in position for the cam surface to transmit motion to the detent on initial movement of the first means whereby to clear the detent therefrom and permit said movement to said limit.

1,623,467. CORRUGATING MACHINE. DONALD V. EDWARDS, Troy, N. Y., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed June 7, 1924. Serial No. 718,426. 16 Claims. (Cl. 153—76.)



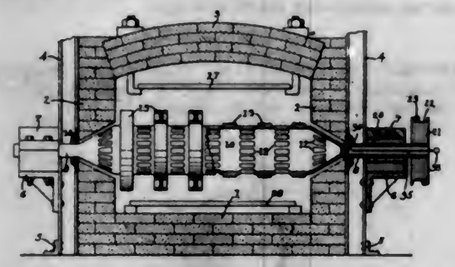
1. A corrugating machine comprising sheet clamping die means, movable means for supporting one of the same, two dies which are relatively movable to form half of each corrugation, one of said latter dies being carried by said supporting means and movable therewith, and a die which is movable to a position to cooperate with one of said first mentioned dies to form the other half of each corrugation.

1,623,468. SPARK PLUG. LUTHER S. ELLETT, Milburn, Okla. Filed Mar. 12, 1925. Serial No. 15,064. 2 Claims. (Cl. 123—169.)



1. A spark plug comprising a body portion tapered toward one end and having an opening in one side thereof, a tapered sleeve arranged within the body for both rotary and sliding movements, and having an opening adapted to be moved into and out of registration with the opening in said body, an insulated member arranged centrally in said sleeve and supported at one end thereof, an electrode projecting from said insulating member, an additional electrode supported in spaced relation to the first mentioned electrode, a nut threaded into one end of the sleeve, a flange formed on said nut, and a resilient washer secured to said body portion and including a plurality of convolutions interposed between one end of the body and said flange of the nut, whereby end thrust is exerted upon the sleeve for holding it frictionally in proper position within the body.

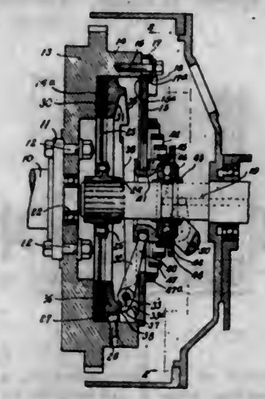
1,623,469. METALLURGICAL FURNACE. FRANK A. FAHRENWALD, Chicago Heights, Ill. Filed Oct. 12, 1925. Serial No. 61,989. 19 Claims. (Cl. 263—6.)



1. In a metallurgical furnace, a plurality of parallel horizontal one piece rolls traversing the furnace chamber and having coaxial shafts at opposite ends projecting through the furnace walls, each roll being hollow and larger than its shafts, and means for rotating all said rolls in the same direction at the same peripheral speed, said shafts having no passageway therethrough.

1,623,470. FRICTION CLUTCH. DAVID E. GAMBLE, Chicago, Ill., assignor to The Borg & Beck Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 28, 1923. Serial No. 677,385. 9 Claims. (Cl. 192—68.)

3. In combination, a driving shaft having a flywheel thereon, a driven shaft disposed co-axially with said driving shaft, a plate secured to said flywheel and being apertured for the passage of said driven shaft therethrough, friction elements disposed between said flywheel and said plate and adapted to co-operate with said flywheel and said driven shaft to operatively connect said shafts, radially disposed levers pivoted on the inner surface of said plate and controlling said friction elements, a collar slidable on said driven shaft and engaging said levers to operate the same, a thrust ring having cammed



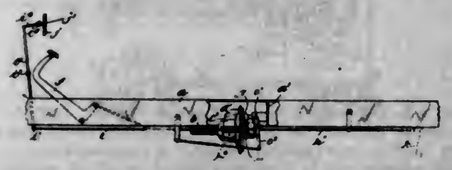
thrust seats for cooperation with said levers, and a spring disposed on the outer surface of said plate and between said plate and said collar, for the purpose set forth.

1,623,471. AUTOMOBILE BUMPER. OSCAR H. GOETZ, Springfield, Mass., assignor to American Chain Company, Inc., a Corporation of New York. Filed June 24, 1925. Serial No. 39,194. 14 Claims. (Cl. 293—55.)



1. An automobile bumper comprising as a main element a bumper bar constructed in a single horizontal plane, having a front impact portion with loop ends and a rear attaching portion formed in continuation of said loop ends; said bumper comprising also an auxiliary impact bar supported in parallelism with the impact portion of said main bar by cross ties extending from said main bar.

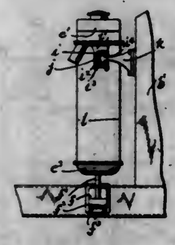
1,623,472. INDICATING DEVICE. ERVING R. GURNEY, Beechhurst, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed July 23, 1924. Serial No. 727,724. 4 Claims. (Cl. 188—140.)



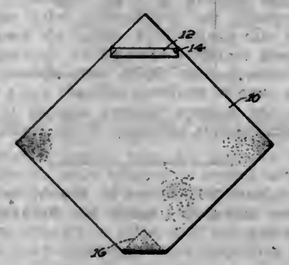
4. In combination, braking means, means to actuate the same, and means observable from an actuating position to determine the effectiveness of the braking means.

1,623,473. CUSHION SUPPORT FOR RADIATORS. ERVING R. GURNEY, Beechhurst, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Original application filed Sept. 5, 1924, Serial No. 736,007. Divided and this application filed May 4, 1925. Serial No. 27,707. 1 Claim. (Cl. 180—68.)

In a motor vehicle, in combination with the chassis frame having a vertical dash supported thereon and a vertical radiator comprising upper and spaced lower tank sections and tubes therebetween, housings carried with the lower tank sections, respectively, a housing carried with the upper tank, said housings being formed with an opening in one side thereof, respectively, arms carried with the chassis frame and extending transversely thereof into the housings on the lower tanks through the openings therein, an arm carried rigidly with the vertical dash above the horizontal plane of the first named arms and perpendicular to the transverse vertical plane of said first-named arms and extending into the housing carried with the upper tank, and blocks of yielding non-metallic material carried within the housing and engaging the ends of the arms.

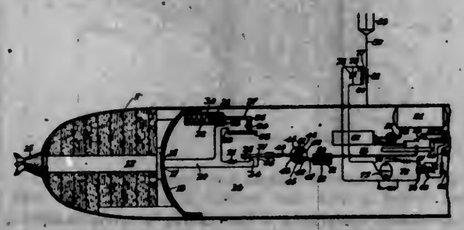


1,623,474. ROOFING. WILLIAM E. HALE, Walpole, Mass., assignor to Bird & Son, Inc., East Walpole, Mass., a Corporation of Massachusetts. Filed May 2, 1924. Serial No. 710,629. 4 Claims. (Cl. 108—8.)



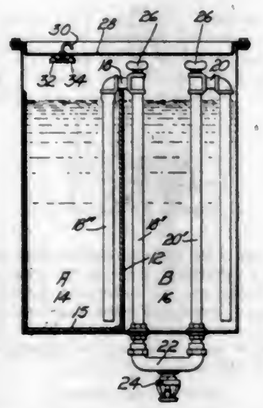
1. As an article of manufacture, a shingle formed from pliable slate-surfaced fibrous material having but one corner portion bent under, said shingle having permanently affixed upon its upper surface adjacent the diagonally opposite corner means adapted to hold down the bent-under portion of a similar overlying shingle.

1,623,475. DETONATOR-CONTROL MECHANISM. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Dec. 23, 1918, Serial No. 267,994. Renewed Aug. 24, 1926. 8 Claims. (Cl. 102—3.)



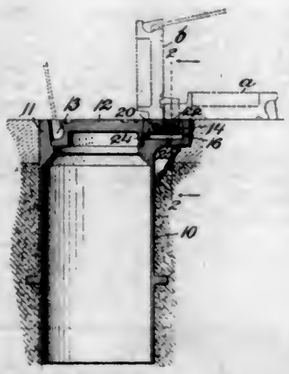
7. A torpedo having in combination a detonator, means actuated by impact of the torpedo for firing said detonator, and means operated by radiant energy for rendering said control effective.

1,623,476. AUTOMATIC MIXING AND DISCHARGING SYSTEM FOR PLURAL LIQUIDS. HERBERT E. HOFFMAN, Providence, R. I., assignor to General Fire Extinguisher Company, Providence, R. I., a Corporation of Delaware. Filed Oct. 27, 1924. Serial No. 746,036. 5 Claims. (Cl. 169—26.)



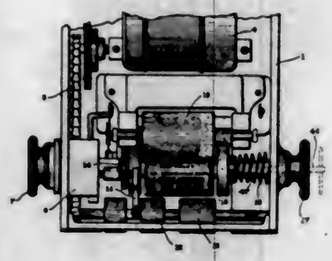
1. An automatic mixing and discharging system for plural liquids adapted to re-act chemically upon each other comprising the combination, with separate containers for said liquids, of a siphon for discharging the liquid of each container having their discharge legs preliminarily primed with liquid, said siphons being connected in a common discharge passage; and a single valve controlling the common passage adapted to be opened to effect simultaneous discharge of the plural liquids.

1,623,477. CLOSURE. PAUL P. HORNI, Newark, N. J. Filed Nov. 27, 1922. Serial No. 603,440. 1 Claim. (Cl. 94—34.)



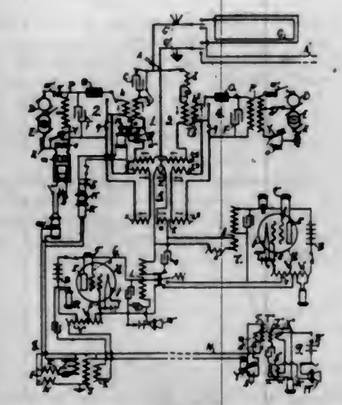
A closure comprising a rim having a recess therein a U-shaped link in the recess and hinged to the rim, a lid having a tongue fitting the link and hinged thereto, and a bar on the link and adapted to engage the under side of the lid to prevent the link alone swinging upward while the lid is down.

1,623,478. PRINTING-DIE STRUCTURE. RAYMOND F. JAHN, Brooklyn, N. Y., assignor to International Postal Supply Company, Brooklyn, N. Y. Filed Aug. 20, 1925. Serial No. 51,485. 27 Claims. (Cl. 101—109.)



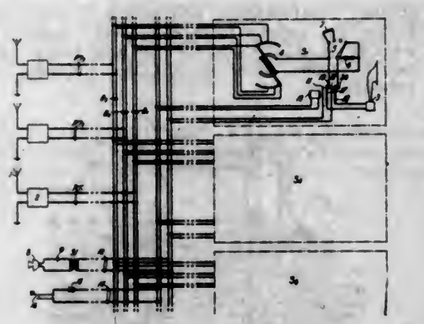
2. In a device of the class described, a hub having laterally extending arms, a cap adapted to be attached to the outer ends of said arms, a carrier movably mounted between the hub and cap, a cam shaft supported between the hub and cap, a cam on the cam shaft at each end of the carrier and adapted to act on the carrier to move the same, a series of type blocks connected together so the series may be rotated on the carrier and a plurality of groups of said series of blocks supported by the carrier.

1,623,479. MULTIPLEX SIGNALING. AUGUST J. KLONDCK, New York, N. Y. Filed Mar. 31, 1920. Serial No. 370,254. 7 Claims. (Cl. 179—15.)



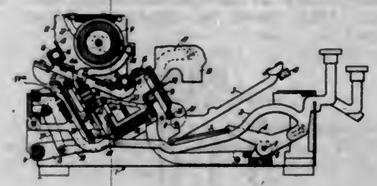
1. A system for signaling including two local circuits and apparatus for simultaneous operation, a system of conductors for common use by said local circuits, means for branching the latter to two independently tuned local branch circuits, means for inductively connecting each of said branch circuits with another of said two local circuits including a common transformer for both branch and local circuits and a separate transformer for each of said branch and local circuits, and means for proportioning the number of turns and the magnetic relation of the coils upon said transformers so as to produce equal but opposed energizations of one of said local circuits upon the other of said local circuits.

1,623,480. TRANSMISSION SYSTEM. JOHN J. KUHN, Elizabeth, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Feb. 28, 1925. Serial No. 12,249. 5 Claims. (Cl. 179—1.)



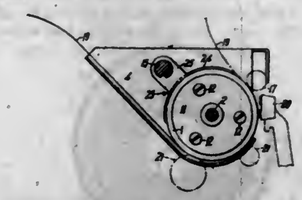
1. In a program distributing system, a central station, an incoming program trunk terminating thereat, a plurality of subscribers' stations each including a signal reproducing instrument, lines for connecting said reproducing instruments to said trunk, a signaling device at said central station, lines connecting said device to said subscribers' stations, and means at said subscribers' stations, remotely controlled from said central station, for simultaneously connecting said signal reproducing instruments and said signaling device.

1,623,481. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 31, 1924. Serial No. 703,087. 7 Claims. (Cl. 197—91.)



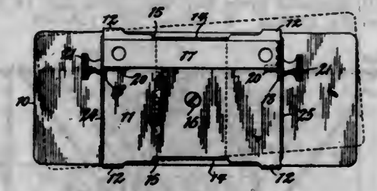
1. In a typewriting machine, the combination of a carriage, letter-feeding mechanism for the carriage including an escapement-wheel and a stepping dog, a stop for limiting the letter-feeding movement of the stepping dog, a key, a pawl operable by depression of said key to engage and move the escapement-wheel, to back-space the carriage, an abutment engageable by said pawl for positively limiting the back-spacing movement of said pawl after the stepping dog has tripped over one tooth and assumed a position for engagement with the next successive tooth of the escapement-wheel, means for guiding said pawl against said abutment and also for forcing said pawl into frictional engagement with the escapement-wheel after the stepping dog has tripped to the aforesaid position, and means for releasing said pawl, thereby permitting the carriage-feeding mechanism to bring said escapement-wheel to stop position against said stepping dog.

1,623,482. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed July 30, 1924. Serial No. 729,007. 9 Claims. (Cl. 197—147.)



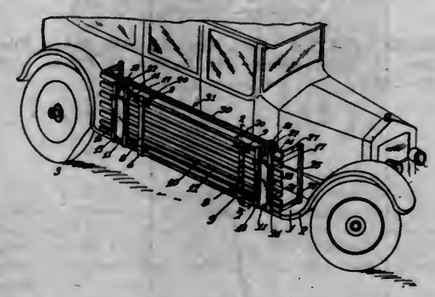
1. A noiseless typewriter platen, including a coreless body portion of sufficiently soft rubber for typing, and non-revoluble means exterior of said body portion and movable laterally therewith, which permits typing on said body portion, and renders a sufficiently rigid support to prevent bodily bending of the platen by said typing.

1,623,483. MIRROR BRACKET. WILLIAM LA HODNY, Buffalo, N. Y., assignor to Standard Mirror Company, Buffalo, N. Y., a Corporation of New York. Filed Sept. 6, 1923. Serial No. 661,128. 2 Claims. (Cl. 45—97.)



1. A mirror bracket comprising a main supporting plate provided at its opposite edges with forwardly projecting hooks adapted to engage over the opposite edges of a mirror, a presser plate adapted to engage with the rear side of the mirror and having flanges which project rearwardly away from the mirror and engage over opposite edges of the supporting plate, and means for adjusting said presser plate relatively to said supporting plate.

1,623,484. LUGGAGE CARRIER. JESSE LEE MCGAUGH, Los Angeles, Calif. Filed June 22, 1926. Serial No. 117,709. 4 Claims. (Cl. 224—29.)



1. A combined bench and luggage carrier comprising a seat structure having folding legs and a folded back hinged to the seat, bars having means to clamp same to the running board of an automobile, and means to secure the seat to said bars.

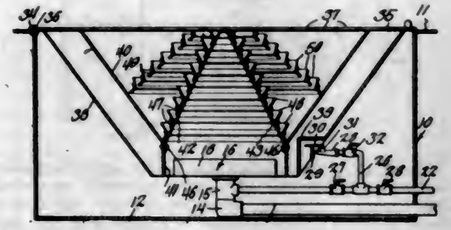
1,623,485. [WITHDRAWN.]

1,623,486. PHOTOGRAPHIC FILM PACKAGE. BERNARD H. MEYERING, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed July 24, 1924. Serial No. 728,035. 7 Claims. (Cl. 206—53.)



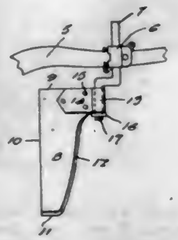
1. As an article of manufacture, a film package comprising a container, a reel therein having a fixed, definite position with respect thereto and nonrotatable with respect to the whole container, and a band wound on the reel and having one end fixedly held on the reel and the other end secured to the container.

1,623,487. GAS HEATER. ALBERT B. MILLER and WALTER H. KELLNER, Green Bay, Wis. Filed Apr. 14, 1926. Serial No. 102,014. 5 Claims. (Cl. 126—85.)



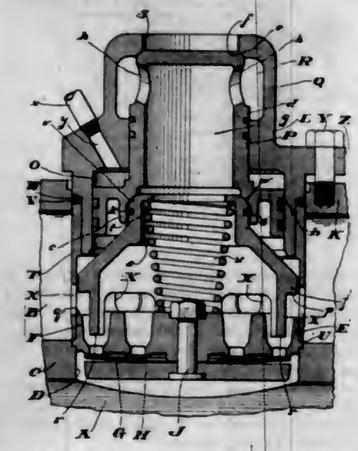
1. A heater of the character described, comprising a casing having integral bottom and side walls, an apertured cover resting upon the top edges of said side walls and covering said casing, a heater element within the lower portion of said casing, and an inverted substantially frusto-conical body secured to the under side of said cover and extending into said casing to and surrounding said heater at its inner end.

1,623,488. COLTER. EMIL MORBERG, Oslo, Minn. Filed Jan. 23, 1926. Serial No. 83,270. 1 Claim. (Cl. 97—208.)



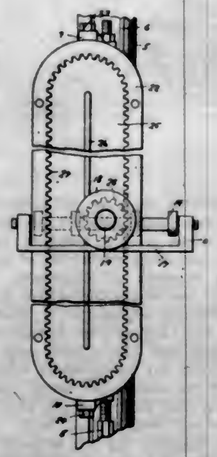
A colter of the class described designed for use on plows having a colter standard, comprising a blade body having an upper straight edge, a rear straight edge disposed at right angles to the upper straight edge, a bottom straight edge disposed at right angles to the rear straight edge and sharpened, and merging into a diagonally extending forward curved edge which is sharpened, and a strap merging from the upper forward portion of the blade body and bent to form a sleeve terminating in an extension riveted to the blade body, the upper edge of the strap being co-planer with the upper straight edge.

1,623,489. COMPRESSOR UNLOADER. JULIUS NAAB, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Dec. 14, 1926. Serial No. 154,714. 8 Claims. (Cl. 137—153.)



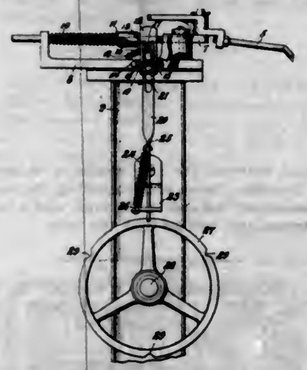
1. A compressor unloader comprising a valve plate and its seat adapted to lie in an aperture in the wall between a compressor cylinder and an inlet passage, an unloader cylinder over the plate valve, and means reciprocable in the unloader cylinder for preventing communication between the inlet passage and the compressor cylinder.

1,623,490. POWER-TRANSMISSION DEVICE FOR PUMPS. JOHN A. NITCHIE, Elm Creek, Nebr. Filed June 1, 1926. Serial No. 113,016. 6 Claims. (Cl. 74—14.)



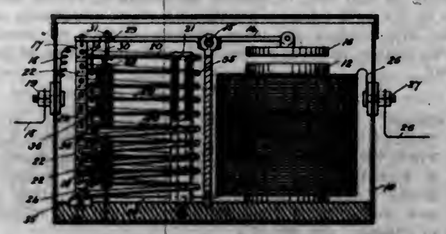
1. A power transmitting device including, in combination, a cylindrical casing having a longitudinal slot, a cylindrical slide member rockable and slidable in the casing, a pair of arms, one attached to each end of the slide member and projecting through the slot, a frame attached to the casing and extending laterally therefrom, a shaft journaled transversely in the frame, rollers on the shaft, a rack frame formed with a continuous internal rack and pivotally engaged at its ends with the arms and movable through the first mentioned frame, a plate secured to the rack frame and having a longitudinal rail extending in the rack frame and adapted to bear against the rollers, a pinion meshing with the rack and formed with a roller extension engaging the rail, a bearing on the first mentioned frame, a driving shaft journaled in the bearing and fixed to the pinion.

1,623,491. INTERMITTENT FEELER MECHANISM FOR LOOMS. ALPHONSE OUELLETTE, Fall River, Mass. Filed July 13, 1926. Serial No. 122,104. 4 Claims. (Cl. 139—270.)



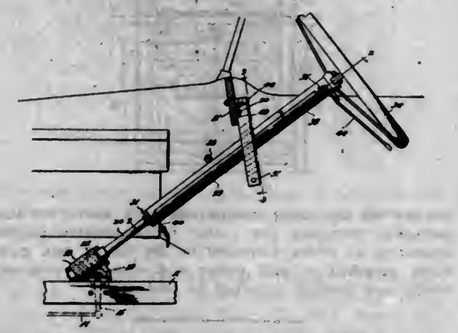
1. In a feeler mechanism for looms, the combination of a feeler, a slide on which the feeler is mounted, a latch normally engaging the slide to hold the feeler in inoperative position, means for advancing the slide and feeler toward the bobbin when the latch is tripped, an ear projecting outwardly from the latch and having a slot therein, an upright bar with its upper end projecting through said slot and having an abutment thereon above the ear, and means for intermittently lowering the bar to cause the abutment to engage said ear and trip the latch, thereby permitting the feeler to be advanced toward the bobbin.

1,623,492. ELECTRIC-CURRENT REGULATOR. THEODORE P. PETERSON, Greeley, Nebr. Filed Nov. 6, 1925. Serial No. 67,293. 5 Claims. (Cl. 201—52.)



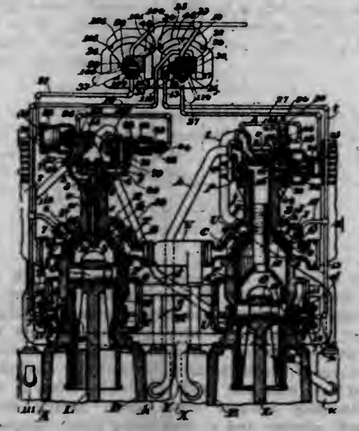
1. A variable resistor for an electric current regulator, comprising a helical coil, contact pieces secured one to each convolution of the coil and arranged one above another and normally short-circuiting the said convolutions, a stationary support arranged on the opposite side of the axis of the coil from the said contact pieces, insulated spring arms supporting the contact pieces from the said support, and means for separating the contact pieces one after another to constrain the current to pass around the convolutions pertaining to them.

1,623,493. ADJUSTABLE STEERING POST. COLUMBUS E. POSTLETHWAIT, Wallace, W. Va. Filed Dec. 28, 1926. Serial No. 157,589. 6 Claims. (Cl. 74—80.)



1. A steering post including a lineally adjustable shaft, means mounting said shaft for forward or rearward tilting adjustment, and a single means locking the shaft in lineally adjusted position as well as in tilted adjusted position.

1,623,494. CENTRALIZER INTERLOCKING CONTROL FOR MULTISTAGE COMPRESSORS. SNOWDEN B. REDFIELD, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Oct. 30, 1926. Serial No. 145,243. 9 Claims. (Cl. 230—32.)

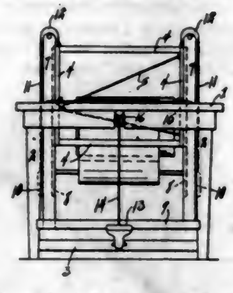


1. In a multi-stage compressor, the combination of cylinders operating at different pressures, fluid actuated means for loading and unloading the cylinders, and means for selectively controlling the admission and exhaust of pressure fluid to and from said fluid actuated means.

1,623,495. PAPER CUTTER. WILLIAM B. REYNOLDS and WILLIAM ERNEST JACKSON, Fort Worth, Tex., assignors of one-tenth to Susanna Morgan, Greenville, Tex. Filed Apr. 2, 1925. Serial No. 20,063. 4 Claims. (Cl. 164—48.)

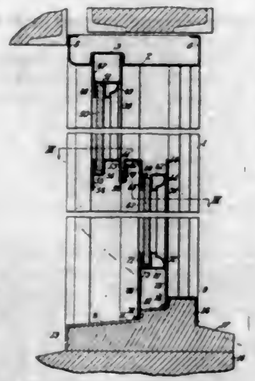
1. A paper cutter comprising a platform and a frame therefor, said platform having passage ways for a cut-

ter, means for positioning paper to be drawn across said platform, a cutter movable vertically through said platform, a guide for said cutter in its vertical movements, a foot lever operatively connected to said cutter



for moving the cutter downwardly, and means for automatically returning the cutter to inoperative position consisting of idlers journaled in the top of said guide, cords attached to said cutter and extended over said idlers, and weights attached to said cords.

1,623,496. WINDOW FRAME. CHARLES RUPP, Philadelphia, Pa., assignor to J. S. Thorn Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 20, 1922. Serial No. 562,325. 2 Claims. (Cl. 189—75.)



1. In a window frame, the combination with a jamb frame member formed of sheet metal including a hollow guide rail and a sash frame member including a resilient sheet metal member adapted to slide in said jamb member against said guide; of means constructed and arranged to substantially hermetically seal the joint between said sash and jamb members, including a laterally extending resilient sheet metal sealing flange on said sash member and a weathering strip, supported by said jamb member, having a laterally extending sealing flange, in inwardly spaced relation with said jamb and interengaged with said sealing flange on said sash member; said sealing flanges having surfaces in sliding contact in a plane transverse to the plane of said sash.

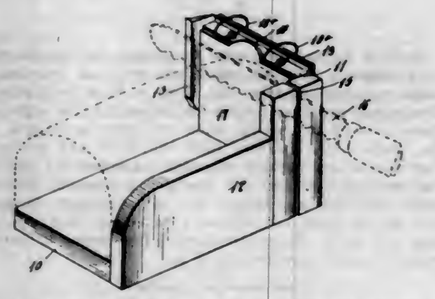
1,623,497. TREE-SHAKING DEVICE. WALTER F. RUBUP, Santa Ana, Calif. Filed Dec. 9, 1925. Serial No. 74,278. 1 Claim. (Cl. 56—328.)

A tree shaking device comprising in combination a rod, a socket formed of parallel curved side straps, the straps being spaced apart at their edges, the side straps having depending offset ends, the rod being secured to the said ends, leaving a wide space adjacent the offset part of the side straps, the socket having a web at the other end of the straps with an aperture therethrough, a hook having a straight stem extending through the



aperture and between the side straps, a washer slidably engaging the side straps and encircling the stem, a nut screw threaded on the end of the stem and a compression spring between the washer and the web.

1,623,498. SLICING BOARD. GUSTAF E. SANDBECK, New York, N. Y. Filed Mar. 12, 1926. Serial No. 94,294. 3 Claims. (Cl. 146—150.)

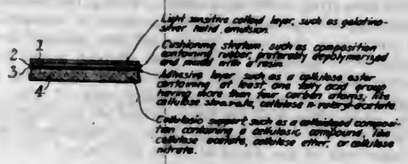


1. A slicing appliance of the class described having a wall for abutment by the material to be cut, means to guide a knife in slicing the material, means operable relatively to said wall to control the thickness of the slice to be cut, said means constituting a plate, and means on the wall hinging the plate whereby it may be moved from against one side of the wall to the other side of the wall.

1,623,499. PHOTOGRAPHIC EMULSION AND MATERIAL AND PROCESS USED IN THE PREPARATION THEREOF. SAMUEL E. SHEPPARD and REUBEN F. PUNNETT, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed June 16, 1925. Serial No. 37,522. 11 Claims. (Cl. 95—7.)

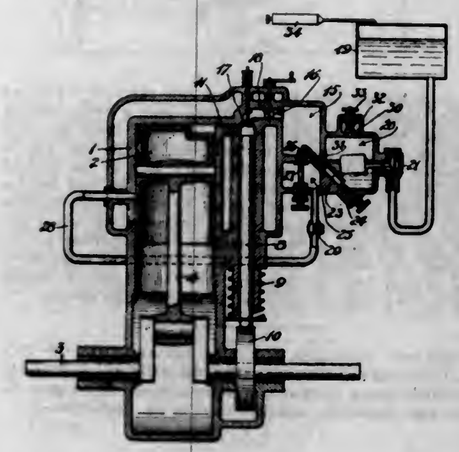
1. A photographic emulsion comprising a colloid, particles of photographic silver salt suspended therein, and added sensitizing and reducing compounds upon which at least part of the light-sensitiveness of the emulsion depends, the sensitizing compound containing a divalent atom of the sulfur group directly joined by a double bond to a single metalloid atom, to which at least another group of atoms is attached.

1,623,500. PHOTOGRAPHIC FILM AND BASE THEREFOR. SAMUEL E. SHEPPARD and STERLING S. SWEET, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 27, 1926. Serial No. 104,977. 34 Claims. (Cl. 95—9.)



1. A film comprising a photographic light-sensitive colloid layer, a flexible colloidized cellulosic supporting layer and a non-stripping elastic yieldable waterproof cushioning stratum between said layers and firmly attached to both of them.

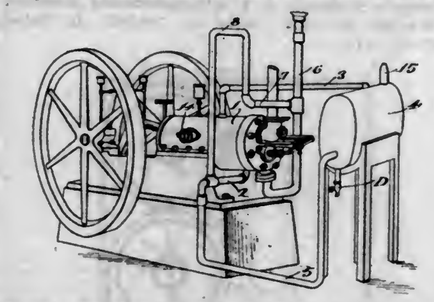
1,623,501. INTERNAL-COMBUSTION ENGINE. BENJAMIN C. SMITH, Westfield, N. J., assignor to Standard Motor Construction Company, Jersey City, N. J., a Corporation of New Jersey. Filed May 5, 1923. Serial No. 636,994. 4 Claims. (Cl. 123—34.)



1. In an internal combustion engine, a working cylinder having an inlet and an exhaust outlet, said engine having a chamber alongside said cylinder for containing a quantity of liquid fuel in a finely divided state, a spraying device, a chamber adjacent thereto containing gas under pressure for operating the sprayer, said chamber being in communication with the interior of the working cylinder to derive pressure therefrom, a check valve for the passage providing said communication, a communicating passage between the first mentioned chamber and the interior of the working cylinder, and measuring and pressure feeding mechanism communicating with said communicating passage and operating to transfer a measured portion of the fuel supply in the first mentioned chamber from the latter into the working cylinder.

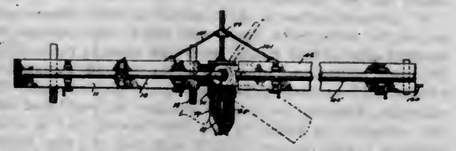
1,623,502. ENGINE. ELMER D. SMYSER, Fellows, Calif., assignor of one-half to Archie R. Fletcher, Breckenridge, Tex. Filed Oct. 19, 1923. Serial No. 669,550. 6 Claims. (Cl. 123—175.)

1. The combination with an engine having a water circulating system comprising a water jacket, a water tank and water circulating piping between the water jacket and the tank, an engine exhaust pipe, a pipe to by-pass some of the exhaust gas into the water circulating



system, and means in the exhaust pipe to introduce air into the exhaust pipe, the by-pass pipe and the water circulating system.

1,623,503. TORCH MECHANISM FOR WELDING MACHINES. CLIFTON L. STANCLIFF, Bakersfield, Calif. Original application filed May 17, 1923, Serial No. 639,685. Divided and this application filed Feb. 23, 1926. Serial No. 90,218. 3 Claims. (Cl. 263—2.)



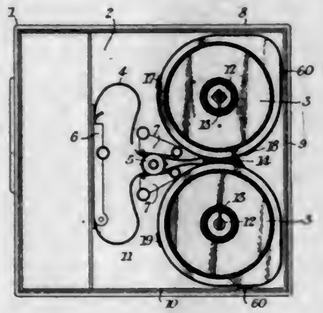
1. In a device of the character described, a torch arrangement adapted to be introduced between two elements disposed in confronting relation, comprising an arm having a shaft supported therein, a disc supported at each end of the shaft and torch elements supported on the outside of the discs for heating the confronting faces of the first two elements.

1,623,504. ATOMIZER. JACOB STRASS, New York, N. Y., assignor to The Larvex Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Dec. 18, 1923. Serial No. 681,391. 7 Claims. (Cl. 103—188.)



1. In an atomizer, the combination of a tubular pump cylinder, a piston equipped with a flexible packing adapted to play in the cylinder and having a valve chamber, a tubular rod adapted to operate the piston, an inlet valve at the lower end of the cylinder, an outlet valve within the piston, and spreaders at each end of the cylinder for the flexible packing carried by the piston, all of said elements except the flexible packing being made of sheet metal.

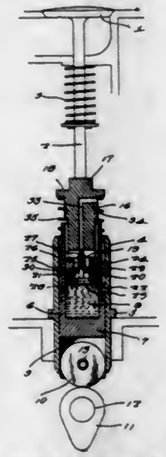
1,623,505. MOTION-PICTURE APPARATUS. JULIEN TESSIER, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 23, 1924. Serial No. 708,545. 12 Claims. (Cl. 88—17.)



1. A film magazine comprising a casing adapted to contain a roll of film and having a roller over which film may be led in either of two directions, and light trapped means on each side of said roller for guiding film between said roller and the exterior of the casing in either of two directions.

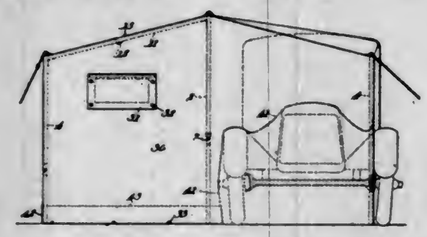
8. In combination with a motion picture camera comprising a casing with upper and lower rear corners, film feeding means, and means near said corners for supporting film magazines, film magazines having symmetrical extensions and each having symmetrically arranged film passages, whereby the magazines may be positioned with the extension in either of the two corners and in either position a film passage will be adjacent the film feeding means.

1,623,506. SELF-ADJUSTING VALVE LIFTER. BENJAMIN J. THOMAS, Shamokin, Pa. Filed Sept. 19, 1925. Serial No. 57,430. 1 Claim. (Cl. 123—90.)



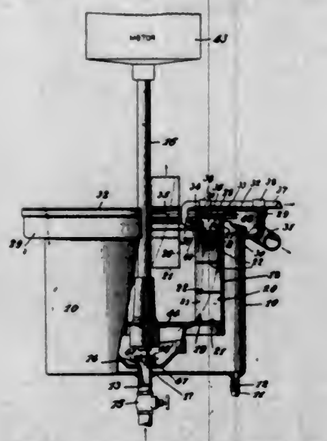
In combination, in a self-adjusting valve lifter with a spring pressed valve and its stem, and an actuating means, of a reciprocating cylinder interposed between the stem and said actuating means, a guide sleeve therefor, the lower portion of the cylinder being closed and providing a liquid receiving chamber, a reciprocatory plunger arranged in the upper portion of the cylinder, the upper end of the plunger having a head formed thereon adapted for engagement with the lower end of the valve stem, the lower portion of the plunger extending downwardly into the liquid contained in the chamber, said plunger having a vertical bore, the lower end thereof communicating with the chamber, the lower portion of said bore being enlarged and internally threaded, a flanged nut threaded in the threaded portion of said bore, said nut being provided with a central bore adapted for registry with the aforementioned bore, and the lower portion of the bore formed in said nut providing a valve seat, a valve cooperating with said bores, means for normally maintaining the valve in a closed position in engagement with said seat, the lower portion of the plunger being provided with openings in the sides thereof which communicate with the bore and a coil spring encircling the cylinder and the plunger, the upper end of the coil spring cooperating with the head formed on the upper end of the plunger for holding the latter in engagement with the lower end of the valve stem at all times.

1,623,507. FOLDING TENT. FRED E. THURTLE, Butte, Mont. Filed July 16, 1926. Serial No. 122,897. 2 Claims. (Cl. 135—1.)



1. A folding tent, for use as a side car tent for motor cars, comprising a folding frame, and a cover having a roof section, a side section extending from the roof section to the ground on one side of the car and a shorter side section extending part way to the ground for use on the other side of the car, an end section extending from the roof section to the ground, another end section partly covering and enclosing the other end of the car, and a floor attached to the bottom of the longer side section and the end sections and adapted to be carried over the running gear and hood or bonnet of the car and attached to the shorter side section.

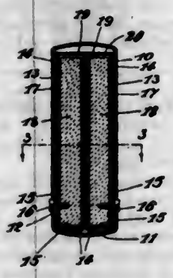
1,623,508. PROCESS FOR THE SEPARATION OF LIQUID MIXTURES AND DEVICE SUITABLE THEREFOR. JOHN L. TUFTS, Westboro, Mass. Filed Apr. 25, 1923. Serial No. 634,508. 11 Claims. (Cl. 233—2.)



1. In a device for separating a mixture into specific gravity components, in combination, a stationary receptacle, a revoluble cage having imperforate sides within

the stationary receptacle, means for revolving the cage, a plurality of removable collectors within the cage, means for introducing liquid mixtures into the lower portion of the cage during its revolution, liquid overflow means in the upper portion of the cage, an annular skimming ring carried within the cage positioned inwardly of the overflow means and a skimming member having an opening within the skimming ring, the skimming member extending outwardly of the cage.

1,623,509. COSMETIC CONTAINER. VICTOR VIVAUDOU, New York, N. Y. Filed Apr. 6, 1923. Serial No. 630,274. 1 Claim. (Cl. 206—56.)



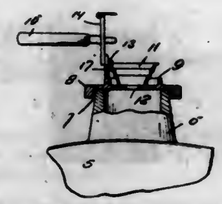
In a cosmetic container, in combination, a casing having a plurality of longitudinal slots closed at the upper ends preventing the outward passage of pencil carriers, a plurality of pencil carriers in fixed position within the casing each carrier having a longitudinal slot in alignment with a casing slot, a longitudinally movable pencil base within each carrier, means carried by each base and passing through the aligned slots whereby the base may be moved longitudinally within the carrier, a cosmetic pencil fixedly attached to each base and a cover for the casing, the placement of which upon the casing will cause the pencils to be moved downwardly within the carriers.

1,623,510. FIRE EXTINGUISHER. ALBERT E. WAGGONER, Glenview, Ill., assignor to Geo. W. Diener Mfg. Co., Chicago, Ill. Filed Nov. 30, 1923. Serial No. 677,591. 2 Claims. (Cl. 116—114.)



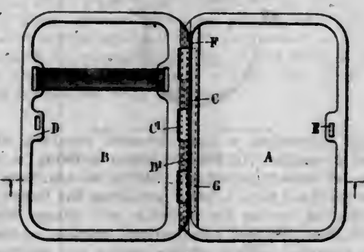
1. The combination with a chemical fire extinguisher adapted to become active upon inversion thereof, of a device for automatically indicating that the extinguisher has been tilted comprising an open top bottle containing a liquid, a cap for closing the top of said bottle, a one-piece substantially conical retainer having its upper margin held between the top of the bottle and the cap and forming with the latter a chamber, a solid soluble liquid coloring capsule in said chamber, said retainer having an opening formed in its apex and perforations adjacent its upper end, through which the liquid will pass when the extinguisher is inverted to circulate through the chamber and dissolve the capsule, and means for attaching said device to the extinguisher.

1,623,511. RADIATOR CAP. CLAUDE WEYANDT, Claysburg, Pa. Filed Oct. 20, 1925. Serial No. 63,649. 1 Claim. (Cl. 220—86.)



In a closure for radiator filling necks comprising a cap adapted for association with the filling neck, said cap having an opening in its top, a housing formed on the cap around said opening, an offset lug extending vertically from the rear intermediate portion of the housing, a collapsible funnel including a series of telescopic sections which are adapted for normal disposition within the housing around said opening, a cover for the housing, said cover being hingedly associated adjacent the rear edge of the intermediate portion thereof to the uppermost section of the collapsible funnel, the rear intermediate portion of the cover being adapted to rest on the upper edge of said lug when swung to an open position, and a weight carried by the cover and cooperating therewith for holding the collapsible funnel in its extended position.

1,623,512. CIGARETTE CASE AND LIKE CONTAINER. EDWARD CHARLES WEBB, London, England, assignor of one-half to George Henry Cowell, London, England. Filed May 14, 1924, Serial No. 713,321, and in Great Britain Jan. 21, 1924. 2 Claims. (Cl. 206—41.)

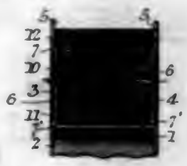


1. A cigarette case or like container comprising a body portion, a lid portion, a strip hinged to one of said portions, rod-like members fitting concentrically the one within the other with freedom of limited axial movement, one of said members being connected to one of said portions, and a web portion connecting the other member to the said strip.

1,623,513. PROCESS FOR THE PREPARATION OF LITHIUM CARBONATE. HANS WEIDMANN, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Allied Process Corporation, New York, N. Y., a Corporation of New York. Filed May 12, 1926, Serial No. 108,691, and in Germany May 29, 1925. 3 Claims. (Cl. 23—33.)

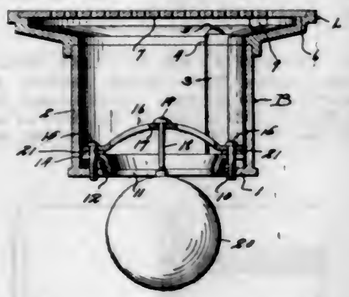
2. Process which comprises adding potassium chloride to a concentrated aqueous solution of lithium sulfate and potassium sulfate, and separating the potassium sulfate thereby precipitated from the solution.

1,623,514. PHOTOGRAPHIC FILM AND REEL THEREFOR. OTTO WITTEL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed June 20, 1925. Serial No. 38,497. 10 Claims. (Cl. 95—9.)



1. In combination, a reel having spaced flanges, there being an annular shoulder extending inward from each flange whereby the flanges near their periphery are spaced by a certain distance greater than the distance between the facing surfaces at the shoulders, and a strip of material at least part of which is light sensitive wound on said reel, that part of the strip which is wound outside of the shoulder being wider than the space between the shoulders, and that part of the strip that is wound inside of the shoulders being as narrow as the distance between the shoulders.

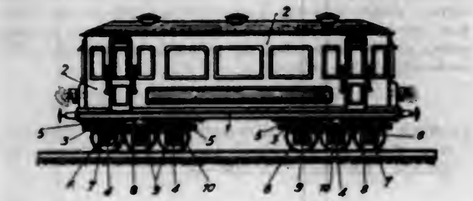
1,623,515. TRAP. JOHN ELMER WORKMAN, York, Pa. Filed Dec. 2, 1926. Serial No. 152,284. 1 Claim. (Cl. 182—25.)



A trap comprising a basin member provided with an inturned flange at its lower portion defining a central opening, a valve seat snugly fitting within such opening and provided with a flange overlying the flange of the basin member, means for securing said flanges together, a bridge piece disposed substantially radially across said central opening, certain of the means for securing the flanges together holding the end portions of the bridge piece to the flange of the valve seat, a rod freely disposed through said bridge piece and extending through the central opening of the basin member, said rod having an enlargement above the bridge piece to limit the downward movement of the bridge piece, a ball valve underlying the valve seat, the lower portion of the rod and the ball valve having coacting means for connecting the same one to the other, an annular lid of material diameter having its inner marginal portion resting upon the upper portion of the basin member, means for detachably securing the lid to the basin member, and a strainer supported by the outer marginal portion of the lid.

1,623,516. RAILWAY VEHICLE. HEINRICH ZOELLY, Zurich, Switzerland. Filed June 8, 1926, Serial No. 114,465, and in Switzerland June 17, 1925. 3 Claims. (Cl. 105—182.)

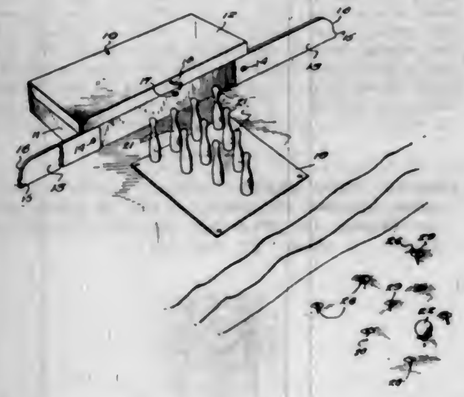
1. A railway vehicle, comprising in combination, a frame carrying the vehicle body, at least two bogies, springs between the bogies and said frame, at least three wheel axles for each bogie and means to permit the axles so far as depressions in the permanent way are concerned, to behave like rigidly journaled axles, while, in travelling over bumps on the permanent way they are adapted to yield resiliently in an upward direction.



1,623,517. PROCESS OF PREPARING RUBBER COMPOSITIONS. GEORGE WILSON ACHESON, Newark, N. J. Filed Apr. 21, 1923. Serial No. 633,786. 4 Claims. (Cl. 106—23.)

2. Process of preparing a rubber composition comprising commingling rubber latex with aqueous suspensions of a deflocculated rubber filler and sulfur, and simultaneously flocculating the filler and coagulating the rubber, whereby a curd-like precipitate containing rubber, filler and sulfur in intimate admixture is formed.

1,623,518. GOLF GAME. GEORGE B. ALLEN, Atlanta, Ga. Filed Oct. 28, 1926. Serial No. 144,873. 10 Claims. (Cl. 273—87.)

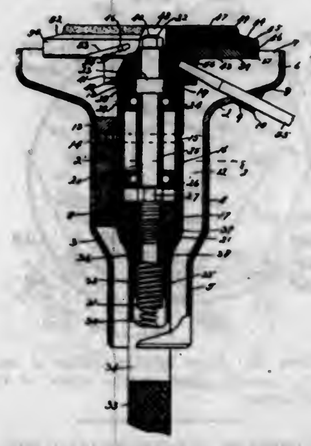


1. A game comprising a pin marker, a plurality of pins adapted to be arranged on said marker, and a plurality of spaced marking elements adapted to be arranged at points spaced from said pins, said marking elements being adapted to indicate points from which a ball is to be projected toward said pins.

1,623,519. PROCESS OF BLEACHING CELLULOSE ACETATE. RICHARD BAYBUTT and EDWARD S. FARROW, Jr., Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Oct. 28, 1925. Serial No. 65,485. 4 Claims. (Cl. 8—2.)

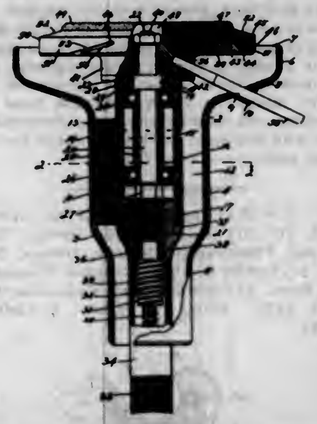
1. The process of bleaching cellulose acetate which comprises bringing the latter into active contact with gaseous ozone.

1,623,520. CLEANING HEAD FOR BLACKBOARD RENOVATORS. ALBERT P. BENNINGTON, Philadelphia, Pa. Filed Apr. 15, 1925. Serial No. 23,215. 2 Claims. (Cl. 51—273.)



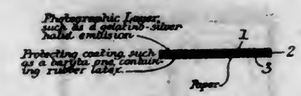
1. A blackboard renovator comprising a casing having a bell mouth and adapted to be connected to a suction device, inwardly extending ribs in the casing spaced apart to form passages, a barrel supported between the ribs and detachably connected with one rib, a shaft, bearings for the same in the barrel, a disk connected with the shaft, said disk projecting through the bell mouth of the casing, a cleaning medium carried by the disk and a flexible shaft connected with the first mentioned shaft.

1,623,521. CLEANING HEAD FOR BLACKBOARD RENOVATORS. ALBERT P. BENNINGTON, Philadelphia, Pa. Filed Apr. 15, 1925. Serial No. 23,216. 1 Claim. (Cl. 51—197.)



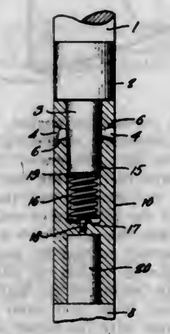
A cleaning head for blackboard renovators comprising a rotatable disk, a compressible backing member carried by said disk, a sheet of abrasive material covering the backing member and extending over a portion of the disk, pins projecting from the periphery of the disk and a ring for clamping the backing member and the abrasive material to the disk, said ring having inclined slots therein opening out through an edge of the ring, the bottom wall of each slot being corrugated so that when the pins enter the slots, they will engage the corrugated portions and thus hold the ring in adjusted position on the disk.

1,623,522. COATED PAPER. WALTER G. BENT, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed July 14, 1925, Serial No. 43,533, and in Great Britain Jan. 20, 1925. 8 Claims. (Cl. 95—8.)



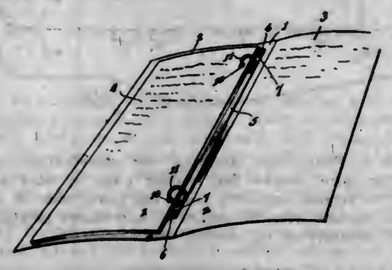
1. As an article of manufacture, a coated paper, the coating thereof including at least a layer of pigment, binder and rubber emulsion.

1,623,523. GOLF CLUB. LESTER L. BOURKE, Lewbeach, N. Y. Filed June 18, 1926. Serial No. 116,952. 3 Claims. (Cl. 273—80.)



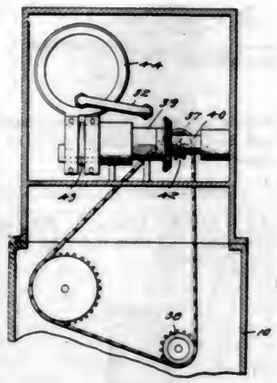
1. A golf club of the character described comprising a shaft, a sleeve secured to said shaft, a depending portion secured to said sleeve, studs extending from diametrically opposite sides of said depending portion and being provided with beveled walls, a head, and means on said head formed with bayonet slots having beveled walls to accommodate the walls of the stud whereby the head is detachably associated with the shaft.

1,623,524. LOOSE-LEAF BINDER. ALBERT L. BOYER, Marion, Ind. Filed Mar. 8, 1926. Serial No. 93,330. 3 Claims. (Cl. 129—1.)



1. In a loose leaf binder, a mounting strip adapted to be secured upon a carrier, a mounting strip extending longitudinally of said back and secured thereto, and leaf-engaging rings secured to said strip transversely thereof and each formed with a diagonally extending slit to provide the ring with separated end portions having diagonally disposed end faces, the said end portions being offset transversely of each other with their end faces only partially overlapped.

1,623,525. VALVE MECHANISM FOR INTERNAL-COMBUSTION ENGINES. DANA B. BURNS, Asheville, N. C. Filed Apr. 8, 1926. Serial No. 100,625. 5 Claims. (Cl. 123—188.)



1. In an internal combustion engine, a water jacketed head having a longitudinally extending bore and intake and exhaust ports for the cylinders of the engine, a combination manifold structure having an external wall of less diameter than the diameter of the bore supported from one end wall of the bore and extending thereinto, an intake manifold within the outer wall and having a portion of the wall thereof formed by said outer wall, an exhaust manifold likewise within the outer wall and supported from the intake manifold, the walls of said exhaust manifold being spaced from said outer wall, said space being in communication with the water jacket of the head, ports in said outer wall communicating with said intake and exhaust manifolds and opposing the ports of the engine, a sleeve valve surrounding the combination manifold and axially shiftable to align ports formed therein with the intake and exhaust ports of the head and manifold and means for shifting said sleeve valve.

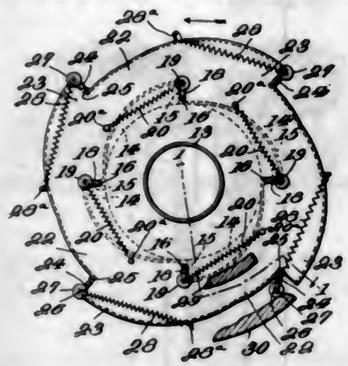
1,623,526. METHOD AND APPARATUS FOR MAKING PAPER. AUSTIN E. COFRIN, Green Bay, Wis. Filed Aug. 13, 1925, Serial No. 50,127. Renewed May 24, 1926. 6 Claims. (Cl. 92—44.)



1. In a Fourdrinier machine, the combination of a traveling wire, means for feeding pulp to said wire, means to remove moisture from the lower side of said wire by contact with the moisture, said means precipitating the moisture on the contact side thereof.

1,623,527. DISCHARGING DEVICE FOR ROTARY CYLINDERS. ATLEE CLYDE DEER, Chattanooga, Tenn. Filed Nov. 20, 1925. Serial No. 70,281. 4 Claims. (Cl. 214—18.)

1. In a drier, a rotary cylinder having a plurality of doors at its discharge end, each of said doors serving to establish when open a free communication from the inside to the outside of said cylinder, a casing surrounding the doors at the discharge end of the drier having a plurality of doors therein, each of said doors serving to establish when open a free communication from the inside to the outside of said casing, and means to successively



open and close said doors so that a door of one of said pluralities is opened while all the doors of the other plurality are closed.

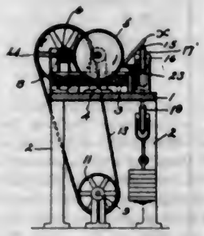
1,623,528. PROCESS AND APPARATUS FOR TREATING FILM. CHARLES DE MOOS, Fort Lee, N. J., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 3, 1923. Serial No. 622,690. 10 Claims. (Cl. 15—100.)



1. The process of treating motion picture film which consists in the following steps: first, passing the film band through aqueous baths; second, removing the surface moisture from the film and drying one side thereon; third, polishing the dry side of the film, and fourth, passing the film band through a drying chamber.

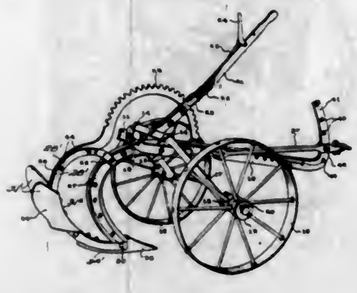
4. An apparatus for treating motion picture film bands, including a series of aqueous treating tanks through which the film is passed, a suction nozzle mounted above an aqueous treating tank, a movable mount for the suction nozzle, means for guiding the film band past the suction nozzle, and means including an eccentric adapted to contact with and move the suction nozzle for adjusting the suction nozzle to or from the film.

1,623,529. APPARATUS FOR APPLYING LINING MATERIAL TO COVERS. BRADLEY DEWEY, Cambridge, Mass., and THEODORE T. MILLER, Orange, N. J., assignors to Dewey & Almy Chemical Company, Cambridge, Mass., a Corporation of Massachusetts. Filed Feb. 17, 1925. Serial No. 9,826. 2 Claims. (Cl. 113—80.)



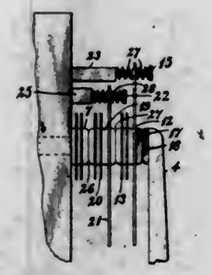
1. In apparatus of the character described, a trough for holding liquid adhesive material, a rotating applying roll mounted to dip in said liquid, a regulating roll parallel with, close to but spaced from, and driven in the same rotational direction as the applying roll, said regulating roll wholly above the liquid level in said trough.

1,623,530. SUBSOIL DITCHER. THEODORE DOMINICK, Wenatchee, Wash. Filed May 27, 1925. Serial No. 33,282. 5 Claims. (Cl. 97—55.)



1. In a subsoil ditcher, the combination of a main frame including a beam provided with a downwardly and forwardly curved rear portion, a plow frame comprising a pair of arcuate spaced members disposed with their concave faces in the direction of travel of the ditcher and having their upper and lower ends secured to opposite sides of said rear portion of the beam, a plow comprising a double mouldboard and a central arcuate web joining same, said plow disposed on said plow frame with said web engaging the concave faces of the arcuate members thereof, bolts extending thru said web and between said arcuate members detachably and adjustably securing the plow to its frame, and a subsoil loosener at the lower end of the rear portion of said beam.

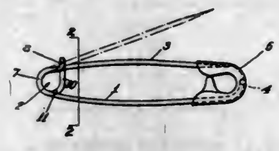
1,623,531. METHOD AND APPARATUS FOR INTERRUPTING ELECTRICAL CIRCUITS. WILLIAM DUBILIER, New York, N. Y. Filed Nov. 23, 1922. Serial No. 602,798. 4 Claims. (Cl. 200—144.)



1. A circuit interrupter comprising cooperating contact members, operating mechanism therefor, and vibratory arc quenching means cooperating therewith.

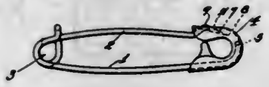
1,623,532. SAFETY PIN. ANDREW DUDAS and ALBERT P. WASIL, Homestead, Pa. Filed Aug. 28, 1926. Serial No. 132,296. 1 Claim. (Cl. 24—161.)

In a safety-pin, a bridge-bar; said bridge-bar having at one end a substantially semi-annular bend, a return-bend formed at the end of said first bend and having one end extended to form another bend paralleling said semi-annular bend and having a tangential and substantially



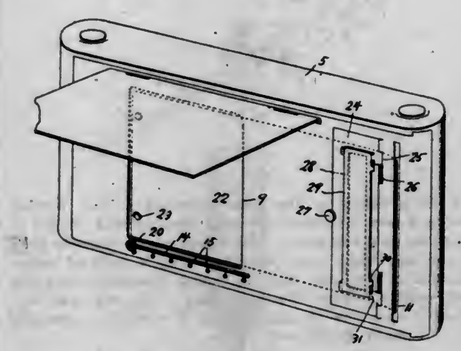
straight extension adapted to form the pin-bar of said safety-pin, said extension engaging between the legs of said return-bend and being guided thereby.

1,623,533. SAFETY PIN WITH BAYONET POINT. ANDREW DUDAS and ALBERT P. WASIL, Homestead, Pa. Filed Aug. 28, 1926. Serial No. 132,297. 4 Claims. (Cl. 24—156.)



1. In a safety-pin of the character described, a pin-bar having a bayonet-shaped end comprising a heel-portion and a piercing element connected together by a bend, and a cap having an aperture adapted to be engaged by said bend.

1,623,534. CAMERA. FRANCOIS XAVIER ADRIEN DUHAMEL, Ottawa, Ontario, Canada. Filed June 21, 1926. Serial No. 117,427. 5 Claims. (Cl. 95—11.)

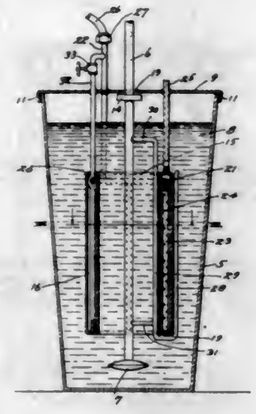


1. In a camera, a wall having an opening with a slot arranged alongside of it and a series of apertures arranged alongside of the slot, said wall being further provided with a second opening with sinuous tunnels leading thereto, a closure hinged to the wall to close over the second opening, a plate, means for slidably mounting the plate inside the wall so that a strip of paper thereon may be accessible to the first opening and trained through the tunnels to extend across the second opening, a spring on the plate, a pin on the strip adapted to pierce the apertures, and means piercing the slot to bend the spring to disengage the pin from the apertures.

1,623,535. ATTACHMENT FOR BEVERAGE MIXERS. CHARLES FERGUSON, Spokane, Wash. Filed Feb. 24, 1925. Serial No. 11,317. 5 Claims. (Cl. 62—92.)

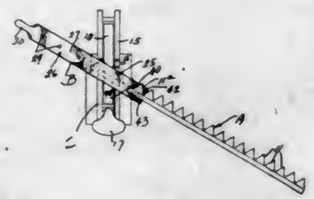
1. In a beverage dispensing apparatus, the combination of a receptacle for holding the beverage to be dis-

pensed, of means extensible into the receptacle and immersible in the beverage for modifying the temperature



thereof and including a tube, and means for circulating fluid under pressure through the tube and through the surrounding beverage.

1,623,536. SICKLE HOLDER. CARL GUSTAV FRISTAD, Mandan, N. Dak. Filed Apr. 1, 1925. Serial No. 19,962. 5 Claims. (Cl. 51—222.)



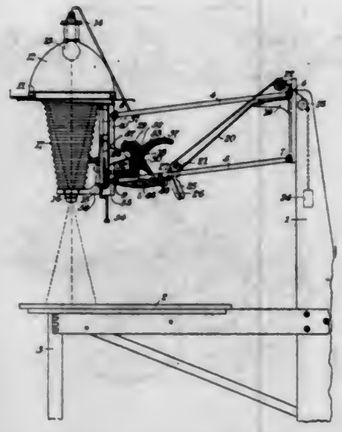
1. In a holder of the class described a body portion having a way extending inwardly from an end thereof to subdivide said end into a pair of shanks at opposite sides of the way, said body portion having a reduced recess contiguous with the way extending upwardly into the body portion beyond the inner edge of the way and also laterally into one of said shanks to provide a shoulder on said shank facing said recess.

1,623,537. APPARATUS FOR TREATING STEEL. WILLIAM W. HILL, Duquesne, Pa. Filed Feb. 6, 1926. Serial No. 86,582. 11 Claims. (Cl. 266—6.)



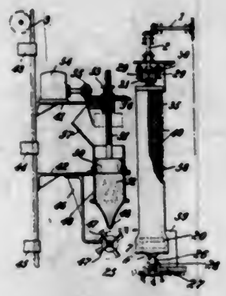
1. In an apparatus for treating metal, an elongated receptacle adapted to retain a quantity of water, a plurality of combined dam and guide members removably and adjustably mounted in said receptacle, openings in said dam and guide members adapted to permit the passage of the metal therethrough, and means for normally closing said openings.

1,623,538. AUTOMATICALLY-FOCUSING CAMERA. ROY S. HOPKINS, Parkersburg, W. Va. Filed Jan. 26, 1922. Serial No. 532,003. 10 Claims. (Cl. 88—24.)



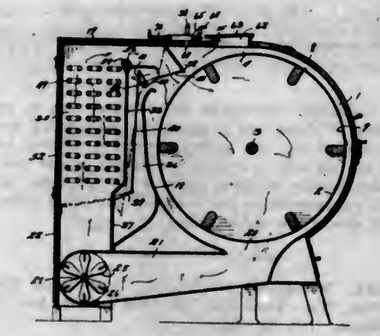
1. In an automatically focusing camera having a negative holder and a lens holder movable to and from a focusing plane and connected for relative movement so that when force is applied to move one of said holders, the other will be also moved relatively thereto so that the image of the negative is automatically focused at said plane, the connections being such that such force is not transmitted in a region near one of the limits of movement, a stop normally positioned to prevent movement of said holders into the said region, said stop being adjustable to permit movement of the holders into said region into positions such that the apparatus will be in focus.

1,623,539. APPARATUS FOR FORMING CONCRETE PIPES. ALPHONS HORTEN, Berlin-Wilmersdorf, Germany. Filed Jan. 22, 1925, Serial No. 4,015, and in Germany Jan. 23, 1924. 4 Claims. (Cl. 25—30.)



1. In an apparatus for producing concrete pipes, the combination with a vertically disposed revoluble core adapted to support a reinforcement, of a vertically movable concrete flinger-device comprising a cylindrical concrete container, a nozzle at one end of the container, a piston movable within said container for forcing soft concrete through said nozzle, and revolving blades disposed below said nozzle for flinging the concrete driven therethrough against the concrete reinforcement revoluble with said core.

1,623,540. DRYING APPARATUS. CHARLES J. HUNT, Barnsdall, Okla., assignor of thirty-five per cent to Earl G. Infield, Barnsdall, Okla. Filed Nov. 20, 1926. Serial No. 149,691. 9 Claims. (Cl. 34—51.)



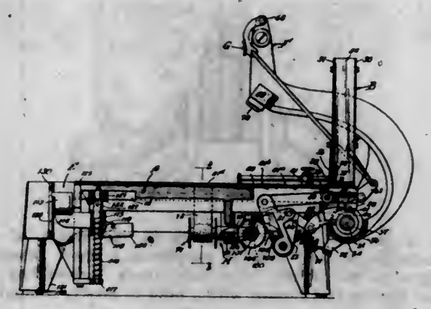
1. A device of the class described comprising a structure provided with a tumbler compartment, a tumbler working therein, means for drawing air from the opposite sides of the structure and discharging the same in the upper portion of the compartment, and an intermediate means for drawing the air from the lower portion of the compartment.

1,623,541. TOOL BRACE. ROY DOW HUTSON, Rosendale, Mo. Filed Nov. 29, 1924. Serial No. 752,908. 1 Claim. (Cl. 145—66.)



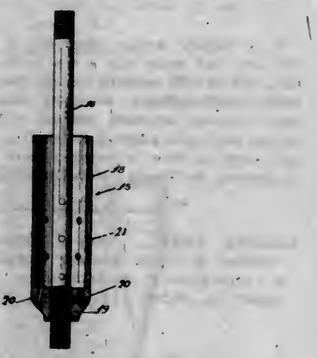
A device of the class described comprising a tubular stock, a crank in swiveled connection therewith, the connected portion of the crank being provided with a bearing, the connected portion of the stock extending within such bearing and constituting a toothed wheel, a pawl carried by the crank at either side of the bearing and engageable with the toothed wheel, a shank freely insertible within the stock and having movement lengthwise thereof, a chuck carried by the outer end portion of the shank, and coacting means carried by the shank and stock to rotate the shank and chuck independently of the stock after the shank has been projected and stress imposed upon the stock.

1,623,542. ADDRESSING MACHINE. JOHN E. JOHNSON, Chicago, Ill., assignor to The Speedaumatic Company, Chicago, Ill., a Corporation of Delaware. Filed Jan. 24, 1923. Serial No. 614,510. 21 Claims. (Cl. 101—65.)



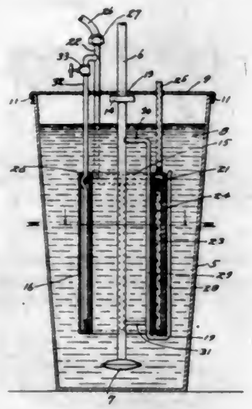
1. In an address machine, a rack for receiving address plates as discharged from the machine, and means for rigidly supporting and progressively lowering said rack uniformly with the discharge of each address plate.

1,623,543. BALL CATCHER. WILLIAM H. JONES, Fellows, and ANTON EBERLE, Taft, Calif. Filed June 22, 1926. Serial No. 117,772. 1 Claim. (Cl. 103—202.)



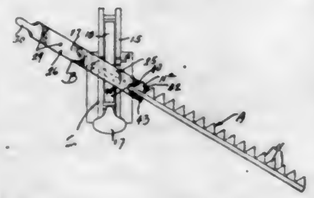
In a deep well pump wherein there is a pump tube, a reciprocable plunger and a sucker rod for reciprocating the plunger, a device of the class described comprising a cylindrical cup having a relatively thick bottom, through which there are a plurality of inwardly and upwardly inclined apertures, the walls of the cup being perforated and extending parallel to the walls of the tube throughout the entire portion of their length, the bottom having a central aperture through which the sucker rod is screwed, the outside diameter of the cup being slightly less than the internal diameter of the pump tube so as to prevent the cup assembly from having frictional engagement with said pump tube, and the cup being located on the sucker rod a short distance above the plunger so as to catch articles falling in the pump tube, said cup being secured to the sucker rod only by its bottom so as to leave its top completely open about the sucker rod.

pensed, of means extensible into the receptacle and immersible in the beverage for modifying the temperature



thereof and including a tube, and means for circulating fluid under pressure through the tube and through the surrounding beverage.

1,623,536. SICKLE HOLDER. CARL GUSTAV FRISTAD, Mandan, N. Dak. Filed Apr. 1, 1925. Serial No. 19,962. 5 Claims. (Cl. 51—222.)



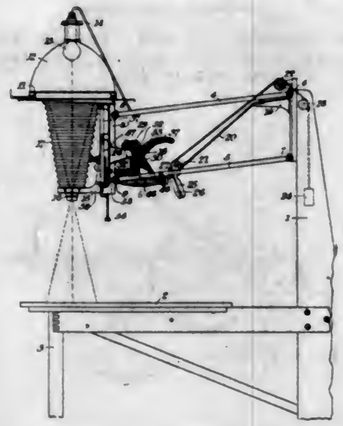
1. In a holder of the class described a body portion having a way extending inwardly from an end thereof to subdivide said end into a pair of shanks at opposite sides of the way, said body portion having a reduced recess contiguous with the way extending upwardly into the body portion beyond the inner edge of the way and also laterally into one of said shanks to provide a shoulder on said shank facing said recess.

1,623,537. APPARATUS FOR TREATING STEEL. WILLIAM W. HILL, Duquesne, Pa. Filed Feb. 6, 1926. Serial No. 86,582. 11 Claims. (Cl. 266—6.)



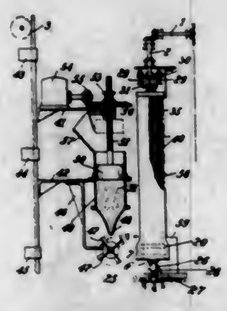
1. In an apparatus for treating metal, an elongated receptacle adapted to retain a quantity of water, a plurality of combined dam and guide members removably and adjustably mounted in said receptacle, openings in said dam and guide members adapted to permit the passage of the metal therethrough, and means for normally closing said openings.

1,623,538. AUTOMATICALLY-FOCUSING CAMERA. ROY S. HOPKINS, Parkersburg, W. Va. Filed Jan. 26, 1922. Serial No. 532,003. 10 Claims. (Cl. 88—24.)



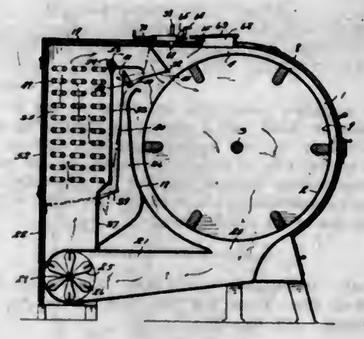
1. In an automatically focusing camera having a negative holder and a lens holder movable to and from a focusing plane and connected for relative movement so that when force is applied to move one of said holders, the other will be also moved relatively thereto so that the image of the negative is automatically focused at said plane, the connections being such that such force is not transmitted in a region near one of the limits of movement, a stop normally positioned to prevent movement of said holders into the said region, said stop being adjustable to permit movement of the holders into said region into positions such that the apparatus will be in focus.

1,623,539. APPARATUS FOR FORMING CONCRETE PIPES. ALPHONS HORTEN, Berlin-Wilmersdorf, Germany. Filed Jan. 22, 1925, Serial No. 4,015, and in Germany Jan. 23, 1924. 4 Claims. (Cl. 25—30.)



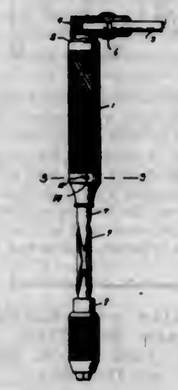
1. In an apparatus for producing concrete pipes, the combination with a vertically disposed revoluble core adapted to support a reinforcement, of a vertically movable concrete flinger-device comprising a cylindrical concrete container, a nozzle at one end of the container, a piston movable within said container for forcing soft concrete through said nozzle, and revolving blades disposed below said nozzle for flinging the concrete driven therethrough against the concrete reinforcement revoluble with said core.

1,623,540. DRYING APPARATUS. CHARLES J. HUNT, Barnsdall, Okla., assignor of thirty-five per cent to Earl G. Infield, Barnsdall, Okla. Filed Nov. 20, 1926. Serial No. 149,601. 9 Claims. (Cl. 34—51.)



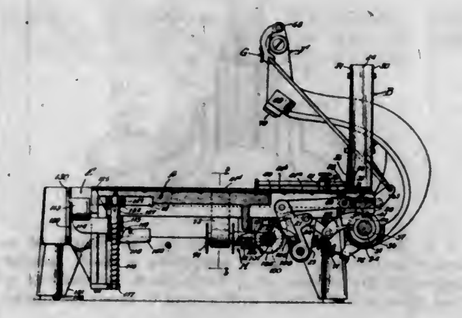
1. A device of the class described comprising a structure provided with a tumbler compartment, a tumbler working therein, means for drawing air from the opposite sides of the structure and discharging the same in the upper portion of the compartment, and an intermediate means for drawing the air from the lower portion of the compartment.

1,623,541. TOOL BRACE. ROY DOW HUTSON, Rosendale, Mo. Filed Nov. 29, 1924. Serial No. 752,908. 1 Claim. (Cl. 145—66.)



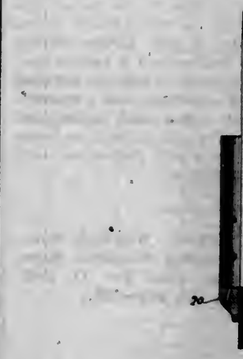
A device of the class described comprising a tubular stock, a crank in swiveled connection therewith, the connected portion of the crank being provided with a bearing, the connected portion of the stock extending within such bearing and constituting a toothed wheel, a pawl carried by the crank at either side of the bearing and engageable with the toothed wheel, a shank freely insertible within the stock and having movement lengthwise thereof, a chuck carried by the outer end portion of the shank, and coacting means carried by the shank and stock to rotate the shank and chuck independently of the stock after the shank has been projected and stress imposed upon the stock.

1,623,542. ADDRESSING MACHINE. JOHN E. JOHNSON, Chicago, Ill., assignor to The Speedaumatic Company, Chicago, Ill., a Corporation of Delaware. Filed Jan. 24, 1923. Serial No. 614,510. 21 Claims. (Cl. 101—65.)



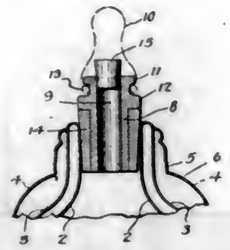
1. In an address machine, a rack for receiving address plates as discharged from the machine, and means for rigidly supporting and progressively lowering said rack uniformly with the discharge of each address plate.

1,623,543. BALL CATCHER. WILLIAM H. JONES, Fellows, and ANTON EBERLE, Taft, Calif. Filed June 22, 1926. Serial No. 117,772. 1 Claim. (Cl. 103—202.)



In a deep well pump wherein there is a pump tube, a reciprocable plunger and a sucker rod for reciprocating the plunger, a device of the class described comprising a cylindrical cup having a relatively thick bottom, through which there are a plurality of inwardly and upwardly inclined apertures, the walls of the cup being perforated and extending parallel to the walls of the tube throughout the entire portion of their length, the bottom having a central aperture through which the sucker rod is screwed, the outside diameter of the cup being slightly less than the internal diameter of the pump tube so as to prevent the cup assembly from having frictional engagement with said pump tube, and the cup being located on the sucker rod a short distance above the plunger so as to catch articles falling in the pump tube, said cup being secured to the sucker rod only by its bottom so as to leave its top completely open about the sucker rod.

1,623,544. ADAPTER FOR VACUUM BOTTLES. WILLIAM M. KUSHNER, Brooklyn, N. Y. Filed May 15, 1925. Serial No. 30,406. 4 Claims. (Cl. 215—11.)



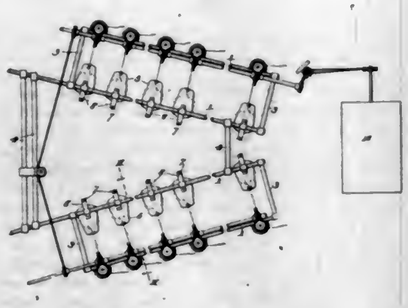
1. A nursing adapter insertible in the mouth of a vacuum bottle, said adapter comprising a short tubular thimble in the nature of a bottle neck surrounding a broad passage and formed with a head to receive a nipple.

1,623,545. SHOE-DISPLAY CARTON. ERWIN B. LOEWENBACH, Milwaukee, Wis. Filed Feb. 16, 1925. Serial No. 9,578. 4 Claims. (Cl. 46—37.)



1. A display carton comprising a body portion having side and end walls and a top section and a bottom section, one of said sections having lines of cleavage defining projections adapted to be folded outwardly, and a foldable sheet member normally carried within said carton and having apertures adapted to receive said projections when said sheet member is removed from said carton and said projections have been outwardly folded.

1,623,546. CREEL. JOHN O. MCKEAN, Westfield, Mass., assignor to Foster Machine Company, Westfield, Mass., a Corporation of Massachusetts. Filed Nov. 11, 1925. Serial No. 68,368. 16 Claims. (Cl. 242—131.)



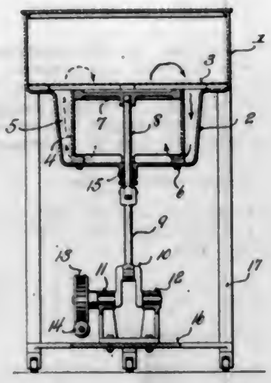
1. In a creel, a cop, and an outwardly projecting free ended cop holder therefor pivoted to rock on an axis extending through the cop between its ends, to reverse its position for doffing.

1,623,547. PAPER BOX FOR GOLF CLUBS AND THE LIKE. THEODORE L. NEUMANN, Dayton, Ohio, assignor to The Dayton Paper Novelty Company, a Corporation of Ohio. Filed Dec. 3, 1925. Serial No. 72,907. 8 Claims. (Cl. 206—44.)



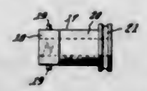
1. A container comprising an elongated box to receive a number of clubs, and a pyramidal positioning member in one end of the box having a flat top portion formed with a central hole to receive the handle of one club, and with downwardly inclined surfaces at the sides of said hole for engagement by the heads of two other clubs, one on each side of the middle club.

1,623,548. WASHING MACHINE. JOSEPH H. NIESEN, Grafton, Wis. Filed Mar. 16, 1925. Serial No. 15,896. 2 Claims. (Cl. 68—37.)



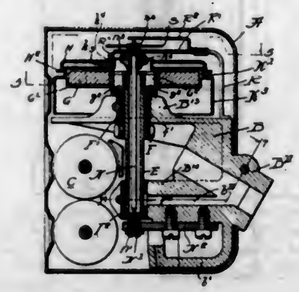
1. A washing machine comprising a main compartment adapted to receive clothes, a stationary screen positioned in the lower portion of said compartment and adapted to support the clothes, a downwardly extending auxiliary compartment communicating with said main compartment, a vertical cylinder carried within said auxiliary compartment and spaced from the bottom and side walls thereof and having its top adjacent said screen, a piston slidably mounted within said cylinder, and means for reciprocating said piston.

1,623,549. AIRCRAFT VARIABLE-PITCH PROPELLER AND BLADE MOUNTING. ANTON NOSAN, Cleveland, Ohio. Filed Feb. 8, 1926. Serial No. 86,883. 1 claim. (Cl. 170—163.)



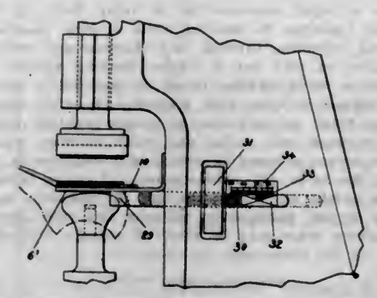
The combination of a shaft, a hub fixed thereto and having a central recess forming a guide and radial bearing recess communicating therewith, propeller blades having stems mounted to turn in said radial recesses, said stems having slotted enlargements at their inner ends, a tubular block thru which the shaft extends, shiftable axially and guided in the central recess and along the shaft and having eccentric pins engaging said slots, and means to shift the block, the central recess being partly circular and partly angular in cross-section and the block being shaped accordingly, the pins projecting from the angular part of the block and the circular part extending outside the hub for connection with the shifting means.

1,623,550. MAGNETIC SPEEDOMETER. JOHN K. OLSEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Sept. 1, 1922. Serial No. 585,628. 6 Claims. (Cl. 264—13.)



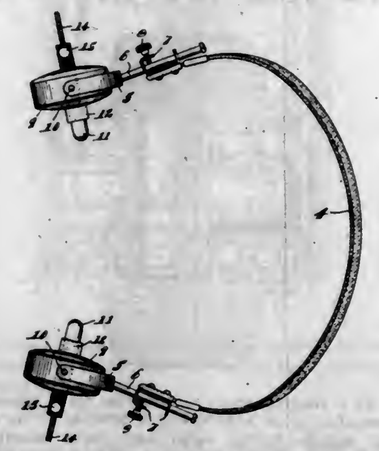
5. In a magnetic speedometer in combination with a support a magnet mounted thereon for rotation about an axis, a drag element and a field plate formed for nesting the magnet in the drag element and a drag element in the field plate, and a casing in which all said elements are nested, the field plate having a marginal transaxial annular portion, the drag element having for such nesting a par-axial annulus and a transaxial annulus encompassing it, the parts being dimensioned for locating the transaxial marginal annulus of the field plate adjacent the transaxial annulus of the drag element, the drag element having a flange extending from the periphery of its said transaxial annulus forming for carrying the speed graduations, a skirt flange positioned proximate to the case wall for approximating the reading aperture, whereby the diminution of drag due to the radial offsetting of the skirt flange for approximating the reading aperture is compensated by the co-operation of the transaxial annuli of the field plate and drag member respectively.

1,623,551. HEEL-SEAT-CUTTING MACHINE. BAPTISTE MARTIAL PERICAUD, Limoges, France. Filed Dec. 7, 1925, Serial No. 73,543, and in France Dec. 9, 1924. 2 Claims. (Cl. 12—17.)



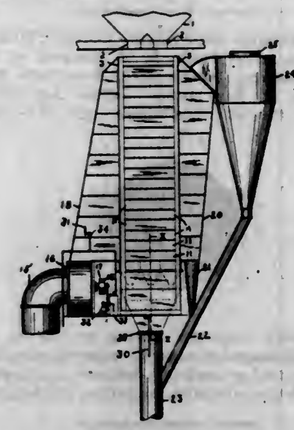
1. In a heel seat fitting machine, a frame, a shoe support carried thereby, a press knife mounted in the frame for movement towards and from a shoe on said support, a bearing plate carried by the frame for supporting a flap on the rear portion of the sole of the supported shoe which has been previously cut in such a manner as to adapt it to be inserted between the shoe and a heel to be attached thereto, and a second plate secured to the bearing plate for supporting a second flap on the rear portion of said sole and having a hollowed out portion the side edges of which correspond to the side edges of the first mentioned previously cut flap.

1,623,552. DIATHERMY EAR APPLICATOR. JOHN D. POLLARD, Chicago, Ill. Filed Mar. 14, 1925. Serial No. 15,426. 3 Claims. (Cl. 174—89.)



1. A device of the class described comprising a head frame; blocks of insulating material carried by said frame; electrodes mounted on said blocks and protruding inwardly therefrom, the protruding ends of said electrodes being rounded and of a size for insertion in the ears; and means for attaching conductor wires to said electrodes, substantially as described.

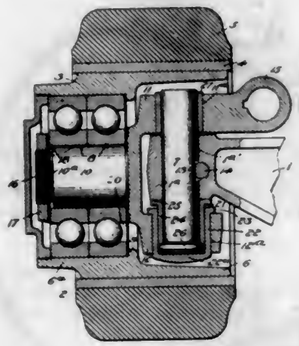
1,623,553. COAL DRYING. OLIVER W. RANDOLPH, Toledo, Ohio. Filed Dec. 24, 1923. Serial No. 682,489. 6 Claims. (Cl. 34—34.)



1. In the drying of coal, the alternate dividing and combining of a gravity flowing stream of the coal to form angle of repose determined surfaces of the coal, taking off air on one side of said stream, creating a higher pressure for the air on the other side of said stream isolated from said air takeoff by said angle of repose regions in thereby subjecting the stream divisions to fine particle removal, and drying by a draft of air into the angle of repose surface regions of said stream, taking

draft from the stream at another angle of repose surface region of said stream, collecting said particles, and delivering the collected particles into the stream of the dried coal.

1,623,554. STEERABLE WHEEL CONSTRUCTION. EDWARD H. REMDE, Cleveland, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 15, 1922. Serial No. 601,098. 6 Claims. (Cl. 280—96.3.)



1. In a steering wheel construction for a vehicle, the combination of an axle having a knuckle at its end, a wheel spindle having upper and lower knuckles arranged to align with said axle knuckle, a pivot pin disposed in the openings in said knuckles, a cup shaped member supported in the opening in said lower spindle knuckle, a tubular member engaging the under side of said axle knuckle, sleeved on said pin and rotatably fitting said cup shaped member, and a thrust element interposed between the lower end of said tubular member and the bottom of said cup shaped member, whereby the weight of the vehicle frame is carried by said knuckles independently of said pivot pin, the under side of said thrust element being spherical to provide a point contact in line with the axis of said pivot pin.

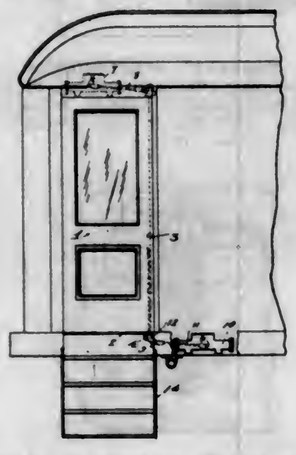
1,623,555. LOADED SIGNALING CONDUCTOR. JOHN G. ROBERTS, Dobbs Ferry, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New Jersey. Filed Aug. 16, 1921. Serial No. 492,743. 5 Claims. (Cl. 178—45.)



1. A signaling conductor having an uneven surface, and a layer of magnetic material wrapped spirally about the conductor and pressed into intimate mechanical contact therewith to conform to the surface of the conductor.

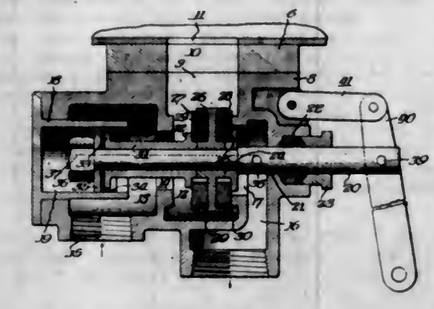
1,623,556. SYSTEM FOR OPERATING THE EXIT AND TRAP DOORS OF RAILROAD COACHES. HAROLD ROWNTREE, Scarsdale, N. Y., and ROSCOE D. CONKLIN, Rahway, N. J., assignors to National Pneumatic Company, New York, N. Y., a Corporation of West Virginia. Filed May 23, 1925. Serial No. 32,313. 13 Claims. (Cl. 105—427.)

1. In a system of the character described, the combination with a car having an exit door, steps and a trap door for normally covering the steps, of agencies for operating the said doors in predetermined sequence, manually operable means for initiating the operation



of said agencies, and means for rendering said agencies irresponsive to the manually operable means while a passenger is standing on the trap door.

1,623,557. VALVE. ADOLPH W. RYBECK, Milwaukee, Wis., assignor to The T. L. Smith Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 21, 1923. Serial No. 626,471. 3 Claims. (Cl. 251—22.)



1. In a valve construction, a valve body, a valve chamber, openings in opposed walls of said chamber, a valve rod extending through said chamber and openings, a shoulder on said rod, a washer bearing against said shoulder, a valve member fitted on said rod, a packing ring retained between said washer and valve member, a collar fitted on said rod, a second packing ring retained between said collar and valve member, and removable means adapted to retain said members in position on the valve rod, said washer and collar being removable axially of the rod through the openings and an opening in the valve body whereby the valve member and packing rings may be removed radially after withdrawal of the valve rod.

1,623,558. SPEEDOMETER-MAGNET COMPENSATOR. FRED GEORGE SCHWEISTHAL, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Feb. 12, 1925, Serial No. 8,669. Renewed Dec. 12, 1925. 6 Claims. (Cl. 264—15.)

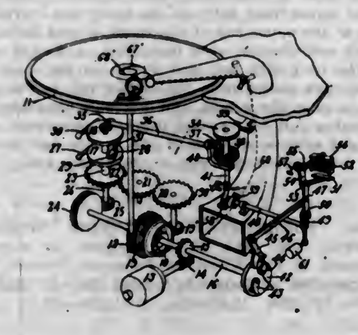
1. In a tachometer a permanent magnet and a non-magnetic mounting member by which the magnet is

rotatively carried, a compensating shunt plate and means by which said shunt plate is carried by the mounting member for lapping the magnet adjacent its poles, automatic means to move said shunt plate rela-



tively to said magnet poles, and means interposed between the mount and the shunt plate for spacing the shunt plate from the magnet pole, said means being adapted to move freely with the shunt plate at the side in contact therewith.

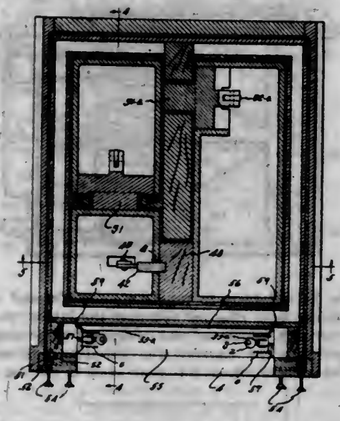
1,623,559. PHONOGRAPH. FRANK J. SEABOLT, Schenectady, N. Y., assignor, by direct and mesne assignments, to The Phonograph Company, a Corporation of Delaware. Filed Aug. 27, 1920. Serial No. 406,304. 12 Claims. (Cl. 274—10.)



1. The combination with a phonograph or the like for playing disc records of a magazine adjacent thereto for records of different diameters, means whereby when the end of a record of any size is reached it is automatically caused to slide off the table and a new record from the magazine of either the same or a different diameter is caused to slide into its place and means for returning the tone arm to the starting position of the records.

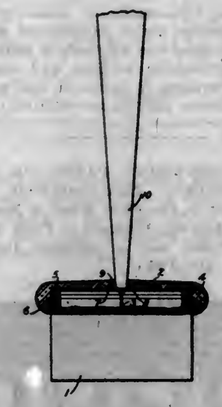
1,623,560. MOLDING APPARATUS. GEORGE B. SHERMAN, Flint, Mich., assignor, by mesne assignments, to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed July 11, 1925. Serial No. 42,880. 13 Claims. (Cl. 25—130.)

11. An apparatus for molding the shell structure of a refrigerator comprising the combination of a collapsible outer mold section, an inner mold section having cores for forming the several compartments of a refrigerator and a subcore adapted to be placed in a position to bridge the space between two of the first named cores in order that a passageway will be cast between two refrigerator



compartments, this subcore being removable to permit the molded shell to be removed from the cores, and means for removing the subcore.

1,623,561. ACOUSTIC HORN. JOSEPH SLEPIAN and CLINTON R. HANNA, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 4, 1924. Serial No. 690,405. 23 Claims. (Cl. 181—27.)



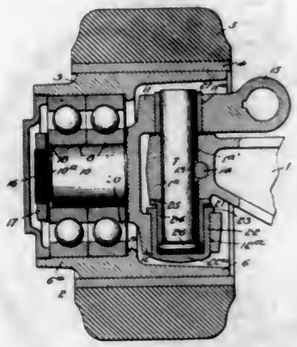
1. An acoustic horn, having an exponential variation of cross-section with the length and an internal diameter at the small end less than a third of an inch.

1,623,562. METER. MARVIN SMITHEY, Lawrenceville, Va. Filed May 23, 1916, Serial No. 99,344. Renewed May 25, 1922. Serial No. 563,675. 7 Claims. (Cl. 235—95.)

1. A meter comprising a casing having a reading opening, a shaft disposed within the casing, means for rotating the shaft, a support disposed within the casing and rotatable with respect to the axis of the shaft, a plu-

draft from the stream at another angle of repose surface region of said stream, collecting said particles, and delivering the collected particles into the stream of the dried coal.

1,623,554. STEERABLE WHEEL CONSTRUCTION. EDWARD H. REMDE, Cleveland, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 15, 1922. Serial No. 601,098. 6 Claims. (Cl. 280—96.3.)



1. In a steering wheel construction for a vehicle, the combination of an axle having a knuckle at its end, a wheel spindle having upper and lower knuckles arranged to align with said axle knuckle, a pivot pin disposed in the openings in said knuckles, a cup shaped member supported in the opening in said lower spindle knuckle, a tubular member engaging the under side of said axle knuckle, sleeved on said pin and rotatably fitting said cup shaped member, and a thrust element interposed between the lower end of said tubular member and the bottom of said cup shaped member, whereby the weight of the vehicle frame is carried by said knuckles independently of said pivot pin, the under side of said thrust element being spherical to provide a point contact in line with the axis of said pivot pin.

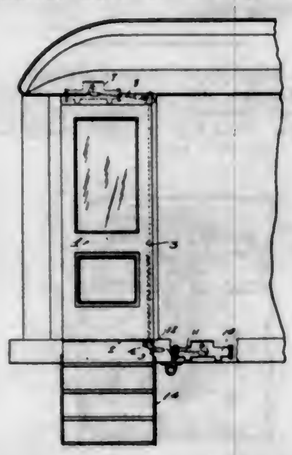
1,623,555. LOADED SIGNALING CONDUCTOR. JOHN G. ROBERTS, Dobbs Ferry, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New Jersey. Filed Aug. 16, 1921. Serial No. 492,743. 5 Claims. (Cl. 178—45.)



1. A signaling conductor having an uneven surface, and a layer of magnetic material wrapped spirally about the conductor and pressed into intimate mechanical contact therewith to conform to the surface of the conductor.

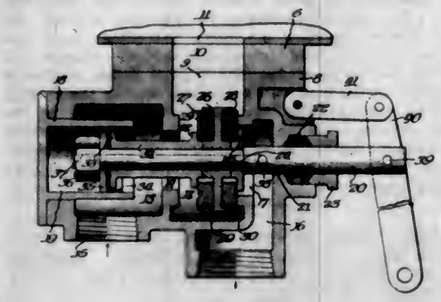
1,623,556. SYSTEM FOR OPERATING THE EXIT AND TRAP DOORS OF RAILROAD COACHES. HAROLD ROWNTREE, Scarsdale, N. Y., and ROSCOE D. CONKLIN, Rahway, N. J., assignors to National Pneumatic Company, New York, N. Y., a Corporation of West Virginia. Filed May 23, 1925. Serial No. 32,313. 13 Claims. (Cl. 105—427.)

1. In a system of the character described, the combination with a car having an exit door, steps and a trap door for normally covering the steps, of agencies for operating the said doors in predetermined sequence, manually operable means for initiating the operation



of said agencies, and means for rendering said agencies irresponsive to the manually operable means while a passenger is standing on the trap door.

1,623,557. VALVE. ADOLPH W. RYBECK, Milwaukee, Wis., assignor to The T. L. Smith Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 21, 1923. Serial No. 626,471. 3 Claims. (Cl. 251—22.)



1. In a valve construction, a valve body, a valve chamber, openings in opposed walls of said chamber, a valve rod extending through said chamber and openings, a shoulder on said rod, a washer bearing against said shoulder, a valve member fitted on said rod, a packing ring retained between said washer and valve member, a collar fitted on said rod, a second packing ring retained between said collar and valve member, and removable means adapted to retain said members in position on the valve rod, said washer and collar being removable axially of the rod through the openings and an opening in the valve body whereby the valve member and packing rings may be removed radially after withdrawal of the valve rod.

1,623,558. SPEEDOMETER-MAGNET COMPENSATOR. FRED GEORGE SCHWEISTHAL, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Feb. 12, 1925. Serial No. 8,669. Renewed Dec. 12, 1925. 6 Claims. (Cl. 264—15.)

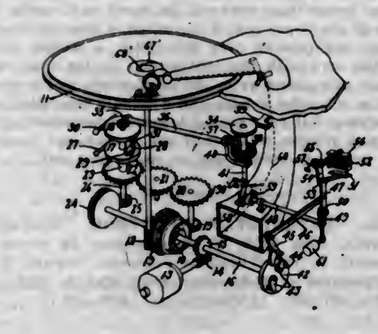
1. In a tachometer a permanent magnet and a non-magnetic mounting member by which the magnet is

rotatively carried, a compensating shunt plate and means by which said shunt plate is carried by the mounting member for lapping the magnet adjacent its poles, automatic means to move said shunt plate rela-



tively to said magnet poles, and means interposed between the mount and the shunt plate for spacing the shunt plate from the magnet pole, said means being adapted to move freely with the shunt plate at the side in contact therewith.

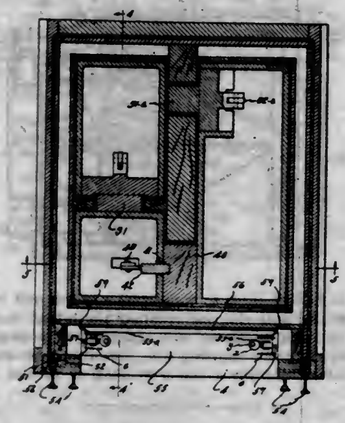
1,623,559. PHONOGRAPH. FRANK J. SEABOLT, Schenectady, N. Y., assignor, by direct and mesne assignments, to The Phonograph Company, a Corporation of Delaware. Filed Aug. 27, 1920. Serial No. 406,304. 12 Claims. (Cl. 274—10.)



1. The combination with a phonograph or the like for playing disc records of a magazine adjacent thereto for records of different diameters, means whereby when the end of a record of any size is reached it is automatically caused to slide off the table and a new record from the magazine of either the same or a different diameter is caused to slide into its place and means for returning the tone arm to the starting position of the records.

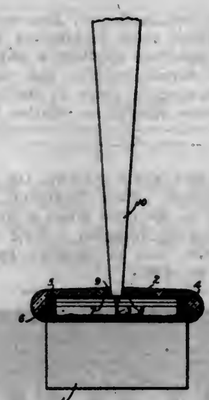
1,623,560. MOLDING APPARATUS. GEORGE B. SHERMAN, Flint, Mich., assignor, by mesne assignments, to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed July 11, 1925. Serial No. 42,880. 13 Claims. (Cl. 25—130.)

11. An apparatus for molding the shell structure of a refrigerator comprising the combination of a collapsible outer mold section, an inner mold section having cores for forming the several compartments of a refrigerator and a subcore adapted to be placed in a position to bridge the space between two of the first named cores in order that a passageway will be cast between two refrigerator



compartments, this subcore being removable to permit the molded shell to be removed from the cores, and means for removing the subcore.

1,623,561. ACOUSTIC HORN. JOSEPH SLEPIAN and CLINTON R. HANNA, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 4, 1924. Serial No. 690,405. 23 Claims. (Cl. 181—27.)

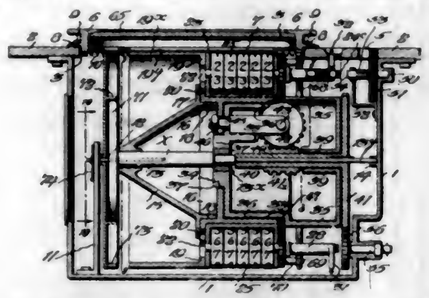


1. An acoustic horn, having an exponential variation of cross-section with the length and an internal diameter at the small end less than a third of an inch.

1,623,562. METER. MARVIN SMITHEY, Lawrenceville, Va. Filed May 28, 1916, Serial No. 99,344. Renewed May 25, 1922. Serial No. 563,675. 7 Claims. (Cl. 235—95.)

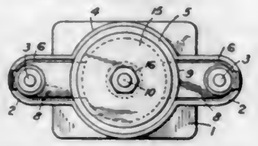
1. A meter comprising a casing having a reading opening, a shaft disposed within the casing, means for rotating the shaft, a support disposed within the casing and rotatable with respect to the axis of the shaft, a plu-

rality of odometers carried by the support, a worm carried by the shaft, a worm wheel in mesh with said worm, a gear ring mounted on said support for rotation around its central axis, the teeth of the worm wheel being ar-



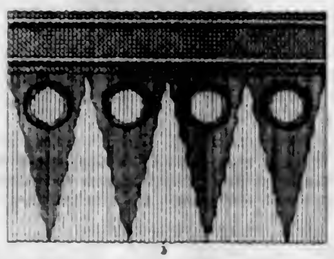
ranged in helical form to constitute a worm and arranged to engage the gear ring for rotating the latter, and means carried by each odometer and arranged to be engaged by said gear ring for causing the simultaneous movement of the odometers when the gear ring is turned.

1,623,563. ELECTRICAL CONDENSER. GEORGE FREDERICK AMOS STONE, London, England. Filed July 15, 1925, Serial No. 43,682, and in Great Britain Aug. 1, 1924. 6 Claims. (Cl. 175—41.)



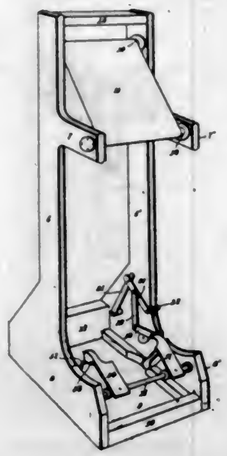
1. In an electrical condenser, the combination of a column of condenser plates interleaved with dielectrics and superposed upon one another, a body of insulating material having recesses therein, and lugs on each of said plates conforming in shape to the recesses in said body so as to center said plates relative to one another.

1,623,564. ADVERTISING PANEL OR DECORATIVE WALL COVERING. PAUL THEURICH, Dresden, Germany, assignor to the Firm Wezel & Naumann Aktiengesellschaft, Leipzig, Germany. Filed June 12, 1925. Serial No. 36,680, and in Germany Dec. 9, 1924. 3 Claims. (Cl. 40—136.)



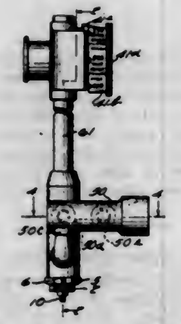
1. A method of producing a decorative wall covering for advertising purposes, consisting in applying the design constituting the decorative or advertising matter in a distorted manner on a sheet having a flat surface, then corrugating said sheet and providing said corrugated sheet with a flexible flat background permanently secured thereto.

1,623,565. MUSIC STAND. EDWARD THIMGREN, Popotla, Mexico. Filed June 30, 1925. Serial No. 40,574. 2 Claims. (Cl. 40—28.)



1. In a music stand of the type described, a music web carrier roll, a temporary web receiving roll journaled parallel thereto, a pinion loosely carried by the receiving roll, a pawl carried by the pinion, a ratchet wheel fastened to the receiving roll, a rack adapted to engage said pinion for rotating the receiving roll to wind the music web onto the latter roll, treadle means for actuating said rack, a spool journalled adjacent the carrier roll, gear connections between the spool and carrier roll, a pulley at the upper end of the stand, a cord fastened to the spool and passing over the pulley, a weight at the end of the cord with the cord wound on the spool when the music web passes from the carrier roll to the receiving roll to raise the weight, and a treadle associated with the receiving roll for causing lowering movement of the weight and reverse rotation of the carrier and receiving rolls to rewind the music web on the carrier roll.

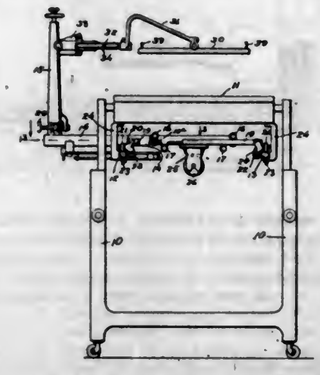
1,623,566. THERMOSTATIC CONTROL. WILLARD I. TWOMBLY, New York, N. Y., assignor, by mesne assignments, to The Wilcolator Company, Newark, N. J., a Corporation of Delaware. Filed May 1, 1922. Serial No. 557,969. 17 Claims. (Cl. 236—15.)



1. In combination, a gas stove having a manifold, an oven burner having an inlet connection near the end of said manifold, a valve for controlling the supply of gas to such burner and an integral connection located at a

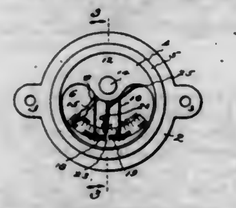
distance from said valve and adapted to transmit gas from said manifold to a connection of said valve and to receive gas from a connection of said valve and carry it to the inlet of the oven burner.

1,623,567. ATTACHMENT FOR X-RAY TABLES. FREDERICK H. WAPPLER, Elmhurst, and ARTHUR C. KOENITZ, New York, N. Y., assignors to Wappler Electric Company, Inc., a Corporation of New York. Filed Aug. 31, 1922. Serial No. 585,467. 5 Claims. (Cl. 250—34.)



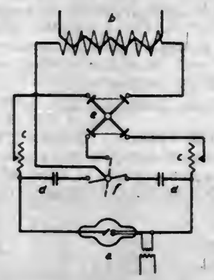
1. The combination, with an X-ray table, of a carriage supported by said table and movable relative thereto, said carriage being provided with a casing having an extending portion, an X-ray tube holder supported upon said carriage and movable therewith relatively to said X-ray table, shutter mechanism mounted within said casing and movable bodily therewith relatively to said X-ray table, connections extending from said shutter mechanism into the extending portion of said casing, a hollow post mounted upon said extending portion, mechanism mounted within said post and engaging said connections for the purpose of enabling the operator to actuate the connections and thereby operate said shutter mechanism, and a fluorescent screen holder supported by said post and extending out over said table, to enable said fluorescent screen holder to be shifted in position relatively to said table by bodily movements of said carriage.

1,623,568. THERMOSTATIC CIRCUIT CONTROL. ALBERT E. WHITTIER, Bristol, Conn. Filed Sept. 4, 1925. Serial No. 54,409. 5 Claims. (Cl. 200—139.)



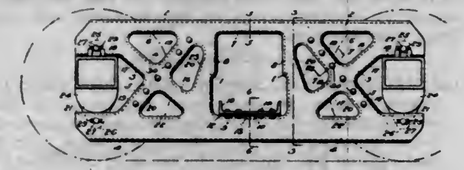
1. A thermostatic circuit control comprising a casing containing a dial, a thermostatic strip, a pointer movable over the dial and controlled by said strip, normally stationary conductors, means for adjusting said conductors over the dial, a finger intermediate said conductors and adapted to be engaged and moved by the pointer in one direction from contact with one of the stationary conductors to contact with the other stationary conductor, means independent of said pointer for moving the finger in the opposite direction, and means for connecting circuit wires to said conductors and finger.

1,623,569. APPARATUS FOR SUPPLYING ELECTRIC CURRENT TO VACUUM TUBES. FRANZ ZACHER, Erlangen, Germany, assignor to the Firm Reiniger, Gebbert & Schall Aktiengesellschaft, Bavaria, Germany. Filed June 16, 1925, Serial No. 37,579, and in Germany June 17, 1924. 1 Claim. (Cl. 250—34.)



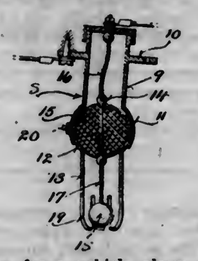
In a system for the operation of vacuum tubes, and particularly Röntgen tubes, a source of alternating current including a secondary winding, a rotary high tension rectifier having certain terminals connected to the poles of said winding, a vacuum tube, two or more condensers in parallel with the terminals of said tube and capable of being connected thereto and disconnected therefrom, and a switch in the circuit between one of the poles of said winding and one of the terminals of said rectifier and operable to alternately disconnect the rectifier from said pole and connect the latter in parallel to the terminals of said tube through said condensers.

1,623,570. TRUCK SIDE FRAME. GUSTAF A. ANDERSON, Baltimore, Md., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Oct. 17, 1922. Serial No. 595,098. 28 Claims. (Cl. 105—205.)



3. A car truck side frame formed from a unitary hollow metal member shaped to form inner and outer side walls each of which is provided with a bolster opening, and inwardly extending stiffening flanges adapted to border said bolster opening.

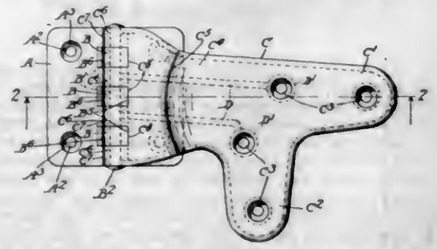
1,623,571. CIRCUIT-CLOSING DEVICE. EDWARD T. BELLMAN, Rockford, Ill., assignor of one-third to James J. Raney, Rockford, Ill. Filed July 6, 1925. Serial No. 41,751. 1 Claim. (Cl. 200—52.)



A circuit closer for a vehicle alarm system comprising a tubular body portion adapted for attachment to the vehicle body, a second tubular member having a universal

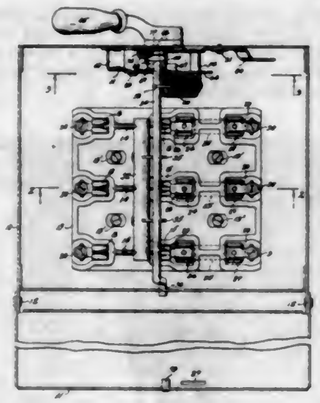
connection with said first tubular member and being frictionally retained in any relative adjusted position with respect to said first mentioned member, said second mentioned tubular member being metallic, an insulator carried by said second member and having a conductor extending therethrough, an elongated metallic member pivotally carried by said conductor and adapted to swing with reference thereto, and a metallic weight carried at the end of said elongated metallic member and adapted to contact with said second mentioned tubular member when the entire device is displaced.

1,623,572. HINGE. OLLIE J. BERGER, Chicago, Ill., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 8, 1926. Serial No. 86,716. 1 Claim. (Cl. 16—128.)



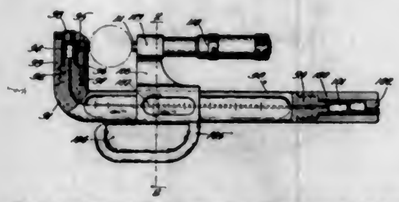
In a hinge, a base plate, a plurality of abutment lugs upwardly projecting from the face thereof, a hinge body, the pivot end of which is slotted to penetrate between said abutments, the interpenetrating tongues and the abutments being apertured in line, the abutments being squared on their forward faces and rounded on their rear faces, the outer ends of the hinged tongues being formed to conform to the round portions of the abutments, the opposed parts being so shaped and proportioned that the portions of the hinge body between the tongues closely engage the squared corners of the abutments when the hinge is in closed position.

1,623,573. EXTERNALLY-OPERATED SAFETY SWITCH. TONJES A. BOTH, Stratford, Conn., assignor to The Connecticut Electric Manufacturing Company, Bridgeport, Conn., a Corporation of Connecticut. Filed July 5, 1923. Serial No. 649,492. 7 Claims. (Cl. 200—67.)



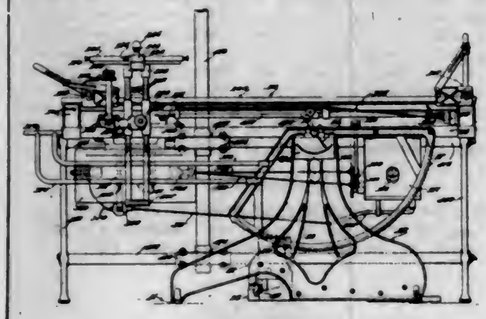
1. In combination, a pivotally mounted switch blade, a compression spring, a movable support, means connecting the switch and the support with the ends of the spring respectively more remote from said elements comprising substantially U-shaped wire members connected to said elements at their closed ends and extending through and enclosed by the spring, said members being provided with hooks at the free ends of their side arms to engage the opposite ends of the spring, and means for moving the support to pass the spring through the axis of the switch blade to operate said blade.

1,623,574. MICROMETER GAUGE. WILLIAM L. BRYANT, Springfield, Vt. Original application filed Nov. 18, 1922, Serial No. 601,731. Divided and this application filed July 6, 1925. Serial No. 41,553. 5 Claims. (Cl. 33—165.)



1. In a measuring instrument, a transparent graduated capillary tube, a bracket member slidable thereon, means to clamp said member in position, a micrometer screw carried by said member, a flexible walled liquid reservoir connected to one end of said tube and communicating with the bore thereof, an element movable to engage said reservoir with more or less pressure and between which and said screw an object to be measured may be placed, said reservoir being filled with a liquid extending as a liquid column in said tube, and a gas pressure reservoir at the opposite end of said tube communicating with the bore thereof.

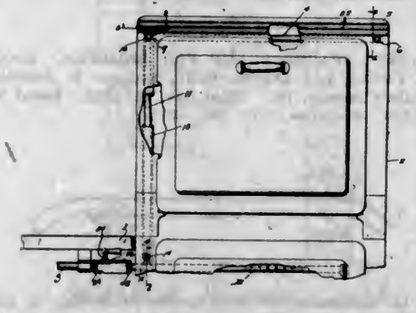
1,623,575. X-RAY APPARATUS. CHARLES E. CAMPBELL, Lynn, Mass., assignor to Campbell Electric Company, Lynn, Mass., a Corporation of Massachusetts. Filed July 14, 1920. Serial No. 396,098. 8 Claims. (Cl. 250—34.)



1. An X-ray apparatus comprising a supporting member, a table pivotally connected with the supporting member at a point unequally distant from the opposite ends, a transformer supported by the table in a manner to counter-balance the latter, a source of X-ray supported by the table and movable with relation thereto, and means for counter-balancing the source of X-ray in any position of the latter with respect to the table.

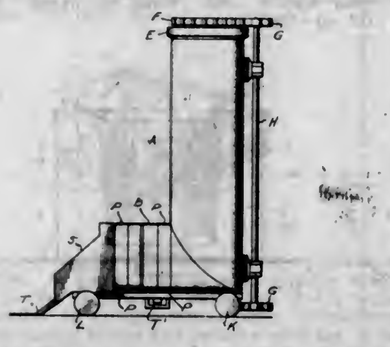
1,623,576. OVEN HEAT-CONTROL DEVICE. EMIL L. CLAUS and WALTER E. CLAUS, Milwaukee, Wis., assignors, by direct and mesne assignments, to Milwaukee Gas Specialty Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 24, 1921. Serial No. 439,470. 12 Claims. (Cl. 236—15.)

1. In a device of the class described, the combination of an oven having a burner, a valve for controlling the supply of fuel to said burner, said valve having a movable controlling element, a heat responsive device positioned within the oven, an arm connected with said device, an adjustable connection between the movable element of the valve and the arm whereby the valve is adjustable for a



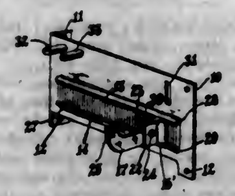
desired temperature, and said movable element moving upon the expansion and contraction of the heat responsive device under temperature changes to control the flow of fuel to the burner and maintain the temperature within the oven substantially at the desired degree.

1,623,577. STRIPING MACHINE. SAMUEL COE, Jersey City, N. J. Filed Feb. 18, 1925. Serial No. 9,918. 3 Claims. (Cl. 91—12.)



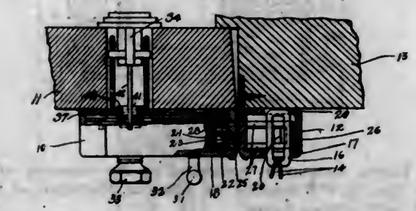
1. In a paint striping machine, the combination of a cylinder, a piston in said cylinder, actuating geared means on the outside of said cylinder, said actuating means co-operating with the movement of said piston so as to force an even line of a tinctorial medium from the mouth of said cylinder.

1,623,578. COMBINATION CURTAIN AND SHADE HOLDER. JOSEPH DONAT, Cleveland, Ohio. Filed May 29, 1925. Serial No. 33,623. 2 Claims. (Cl. 156—24.)



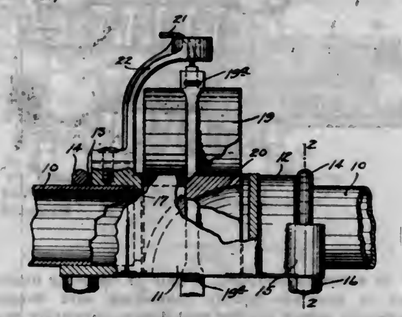
1. In a device of the class described, having a shade roller holder formed with a rear extension engageable with vertical corrugations between longitudinal guides, the combination of a base, an upper and lower flange depending from said base, and engageable beneath said longitudinal guides, forwardly extending cheeks projecting from said base, and formed with aligned apertures to pivotally hold said shade roller holder, and said base being formed with a slot to permit the said rear extension of said shade roller holder to engage the said vertical corrugations.

1,623,579. DOORLOCK. FRANCIS J. DOWLING, New York, N. Y. Filed Aug. 24, 1925. Serial No. 51,919. 24 Claims. (Cl. 292—140.)



17. In a door lock, the combination with a casing and a strike, of movable means secured to a jamb and operative to hold the strike to the jamb, and anchor means on the door, said movable means being engageable likewise with said anchor means to limit the opening of the door.

1,623,580. EXHAUST CUT-OUT. EMIL R. DRAVER, Richmond, Ind. Original application filed Feb. 2, 1922, Serial No. 533,576. Divided and this application filed Apr. 23, 1923. Serial No. 633,878. 1 Claim. (Cl. 251—75.)

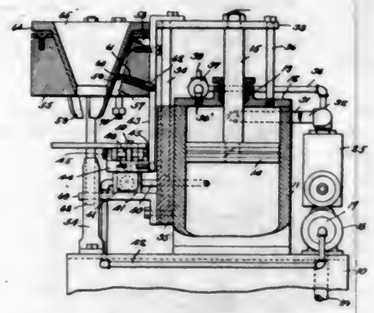


The combination with a valve casing having axially spaced and aligned sleeves with segmental portions, of exhaust pipe sections telescoped into said sleeves, nut-equipped U-bolts applied to the segmental portions of said sleeves and clamping said pipe sections, a valve working in said casing between said U-bolts and movable from one position in which the exhaust gases will be passed through both of said U-bolts to another position in which the exhaust gases will be directed from said casing at a point between said U-bolts, said sleeves having stops preventing said pipe sections from being telescoped completely through the same, and means located outward of said joints and cooperating with said U-bolts to form gas-tight joints between the pipe sections and sleeves.

1,623,581. APPARATUS FOR REMOVING WASTE GLASS FROM BLOWPIPES. JOHN L. DUNNOCK and CLARENCE R. NIXON, Baltimore, Md. Filed May 11, 1926. Serial No. 108,268. 13 Claims. (Cl. 49—14.)

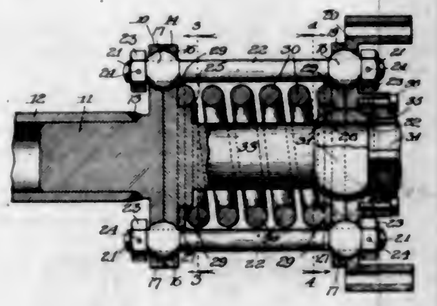
1. In a moil removing machine, a knife head, a series of knives supported by said head and having cutting ends,

said knives being mounted to contact with a blow pipe inserted between them, means to reciprocate said head



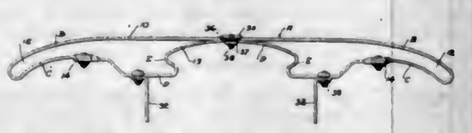
and knives, and means controlled by the insertion of a blow pipe in the machine for effecting operation of the head reciprocating means.

1,623,582. FLEXIBLE COUPLING. GEORGE F. ECKART, Cincinnati, Ohio, assignor, by mesne assignments, to John M. Zane, Chicago, Ill. Filed Nov. 13, 1922. Serial No. 600,600. 3 Claims. (Cl. 64—96.)



1. In a flexible coupling, a pair of opposing flanges, a series of members flexibly connecting said flanges, a compression spring holding said flanges outwardly against said members, a hollow spherical member mounted axially in one flange, and a shaft extending from the other flange and slidable in the hollow spherical member.

1,623,583. PARALLEL-BAR BUMPER. ROLLIE B. FAGEOL, Los Angeles, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed June 3, 1925. Serial No. 34,538. 5 Claims. (Cl. 293—55.)



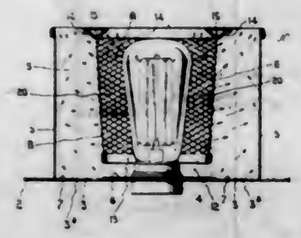
1. In an automobile bumper, the combination with a pair of parallel front bars spaced in relation to each other, a back bar of greater vertical width than the space between the front bars and being disposed in overlapping relation to the ends of the front bars, means for holding said parallel bars in spaced relation to each other, means for positioning the back bar in overlapping relation to the ends of the parallel bars, and means whereby said front and back bars may be clamped in said assembled positions.

1,623,584. SPACER CLAMP FOR BUMPERS. ROLLIE B. FAGEOL, Los Angeles, Calif., assignor to American Chain Company, Inc. Filed Nov. 11, 1925. Serial No. 68,310. 6 Claims. (Cl. 293—55.)



1. In a bumper, the combination of a pair of horizontally spaced flexible bumper bars, a plate engaging over the front surface of the intermediate portion of the front bar and having a rearwardly extending lug, a cooperating plate engaging over the rear surface of the rear bar, and means engaging the rear plate and lug to hold the bars in a fixed spaced relation.

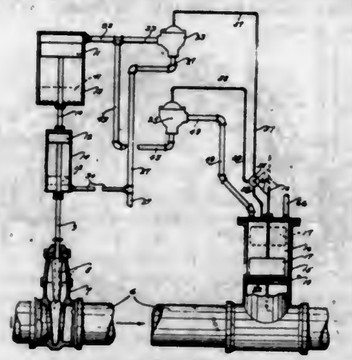
1,623,585. SIGN. CHARLES E. FAYLE, Montreal, Quebec, Canada, assignor to Joseph E. Ward, Montreal, Canada. Filed Sept. 8, 1925. Serial No. 54,885. 2 Claims. (Cl. 40—130.)



1. An electric sign of channel form having a divisional unit detachably mounted within the channel and substantially conforming to the shape of the latter, said unit consisting of walls perforated throughout their entire area and supported in position with their inner edges spaced from the bottom of the channel and with their outer edges in transverse alignment with the outer edges of the channel, and a continuous bead mounted upon the outer edges of the said perforated walls, and brackets detachably supporting the unit.

1,623,586. BACKWATER VALVE. DONALD FORFAR, Minneapolis, Minn. Filed Aug. 15, 1925. Serial No. 50,372. 12 Claims. (Cl. 137—68.)

1. In a pipe line, the combination with a normally open gate valve for closing the pipe line, of a main water pipe leading from a source of supply under pressure, main and supplemental differential cylinders and pistons for opening and closing the gate valve, said main piston having a much larger area than the supplemental piston, said two cylinders being connected to the main water pipe, the water pressure in the supplemental cylinder being constant and normally holding the supplemental piston with the gate valve open, said main cylinder having a waste pipe, valves adapted to be closed by the water pressure in the main water pipe and normally closing the water supply to the main cylinder and opening the waste pipe therefrom, and automatic means for alternately releasing the water pressure in said valves to permit the same to open.



1,623,587. OUTLET BOX. OTTO A. FREDERICKSON, Wethersfield, Conn., assignor to The American Wiremold Company, Hartford, Conn., a Corporation of Connecticut. Filed Feb. 28, 1925. Serial No. 12,230. 5 Claims. (Cl. 247—15.)

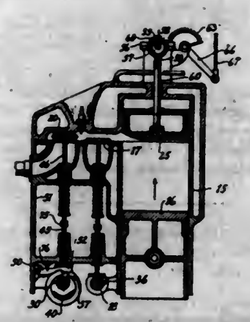


5. A cooperating conduit and outlet box, comprising, in combination, a conduit formed with opposite spaced grooves adapted to receive a tongue, an electric outlet box consisting of an open bottom casing for receiving differently shaped fittings and having a wall and an inwardly extending flange at its top face, a knock-out portion formed in the wall of the casing and removable to form a conduit receiving opening, a base plate constructed to fit within the open bottom of the casing and provided with a tongue adapted to engage the bottom of the knock-out portion when said portion is in place and constructed to enter the spaced grooves of the conduit when the conduit is inserted in the knock-out opening, and securing means extending from the inwardly extending flange to the base plate and adapted to force the base plate into clamping engagement with the conduit.

1,623,588. PROCESS OF MAKING FIBROUS COMPOSITION AND ARTICLES PRODUCED THEREFROM. EDWARD F. GERMAIN, Saginaw, Mich., assignor to Louis Germain, jr., Albert A. Germain, and Joseph Heidenkamp, Pittsburgh, Pa., and Edward F. Germain, Saginaw, Mich., trustees. Filed Feb. 8, 1926. Serial No. 86,941. 3 Claims. (Cl. 18—47.5.)

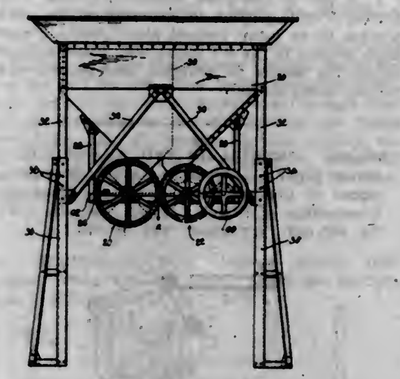
1. The process of making a plastic moldable material which consists in mixing dry acid-resistant fiber with dry pulverized material to such extent as to substantially fill the voids of the individual fibers with pulverized material and thereby cause the fibers to become carriers for said material, impregnating the filled fibers with a hot liquefied bituminous binder, kneading the resultant mass, rolling said mass into sheets, whereby to cause individual fibers therein to assume substantially parallel positions and serve as reinforcing members for said sheet, cutting said sheet into slabs adapted to fit a mold and subjecting said slabs to pressure, thereby causing the material of said slabs to flow outwardly and upwardly and assume the form of a molded article.

1,623,589. INTERNAL-COMBUSTION ENGINE. JOSEPH D. GRANATH, Chicago, Ill. Filed Mar. 5, 1926. Serial No. 92,423. 1 Claim. (Cl. 123—182.)



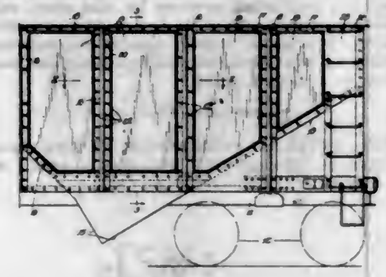
In an internal combustion engine an intake valve, an exhaust valve, and a release valve, a shaft for operating said intake and exhaust valves, and a shaft for operating said release valve, and means for operating continuously and at the same speed said two shafts, said shafts being positioned beneath said engine.

1,623,590. MIXER. JOHN H. GUNNISON, Madison, Wis. Filed July 8, 1922. Serial No. 573,710. 3 Claims. (Cl. 83—73.)



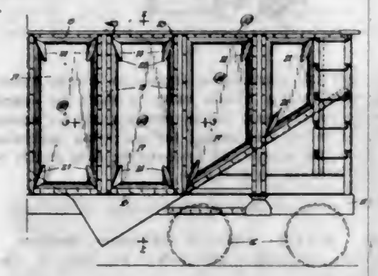
1. Measuring means comprising a container having a wall and a bottom opening, a drum covering said bottom opening and operable adjacent the edge of said wall, said drum receiving material directly from the container, walls defining buckets in said drum, said walls being cut away to provide a clearance between them and the edge of said container wall, and yieldable extension means carried by the drum and cooperable with said container wall to seal the clearance between it and the bucket wall.

1,623,591. CAR CONSTRUCTION. HARRY S. HART, Chicago, Ill. Filed May 29, 1926. Serial No. 112,479. 7 Claims. (Cl. 105—409.)



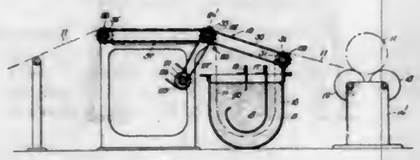
1. In a railway car, a wall construction comprising stakes, a wall portion between the stakes, said wall portion having its entire outer face substantially in the plane of the outer face of the stakes and being provided with inturned edges attached to the stakes.

1,623,592. CAR CONSTRUCTION. HARRY S. HART, Chicago, Ill. Filed Oct. 7, 1926. Serial No. 139,983. 3 Claims. (Cl. 105—409.)



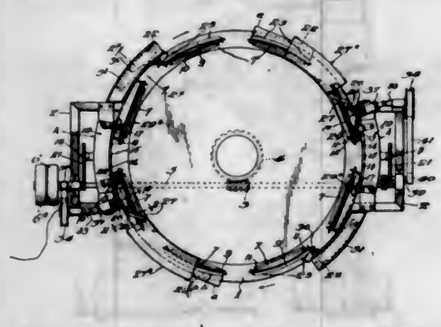
1. A car of the class described, having a wall comprising a main portion in an outer vertical plane and a portion in an inner vertical plane, means connecting the main portion to the car frame, and means reinforcing said connecting means to maintain said portion against distortion under stress.

1,623,593. METHOD OF AND MEANS FOR COATING WIRE FABRIC. NOAH S. HARTER, Waukegan, Ill., assignor to Cyclone Fence Company, Waukegan, Ill., a Corporation of Illinois. Filed Sept. 29, 1923. Serial No. 665,607. 4 Claims. (Cl. 91—70.2.)



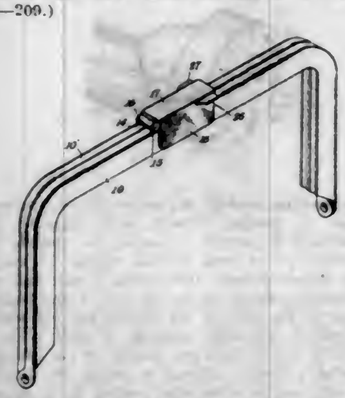
2. A machine for coating metal fabric, having means to move the fabric through a coating bath; a rod extending across the fabric, normally out of contact therewith; a spring to hold the rod in normal position; a bracket movable by the spring and having an arm connected to the rod; another arm on the bracket; a wheel having spaced projections thereon to engage the latter arm and stress the spring whereby to strike the fabric with the rod when the arm is released.

1,623,594. MACHINE FOR BEADING RADIATOR FINS. BERT H. HAWKINS, Royal Oak, and EDWARD R. HANSEN, Detroit, Mich., assignors to McCord Radiator & Mfg. Co., Detroit, Mich., a Corporation of Maine. Filed Dec. 16, 1924. Serial No. 756,181. 12 Claims. (Cl. 153—2.)



1. In a machine of the character described, the combination with a circular table, of means for holding a sheet-metal radiator fin strip on the table with the curved or rounded front edge of the strip along the outer curved edge of the table, and a set of rolls along said table edge for beading the curved edge of the strip while passing between the rolls.

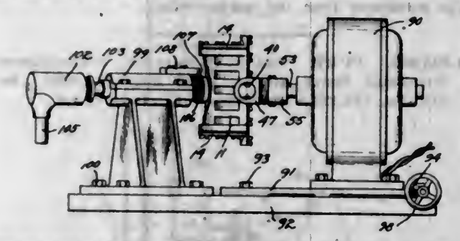
1,623,595. COMBINED BAG CLASP AND CATCH. WILLIAM C. HERRING, Newark, N. J., assignor to J. B. Mergott Co., Newark, N. J., a Corporation of Delaware. Filed Jan. 22, 1926. Serial No. 82,941. 3 Claims. (Cl. 292—209.)



1. The combination with a pair of frame members movable towards and from each other, of a clasp hinged to one of said members to embrace both members, a keeper on the other member, a pair of symmetric lateral extensions on said clasp, one of said extensions being rigid and the other yieldable, a spring in said clasp to normally project said yieldable extension outwardly, and a detent on said spring engageable with said keeper.

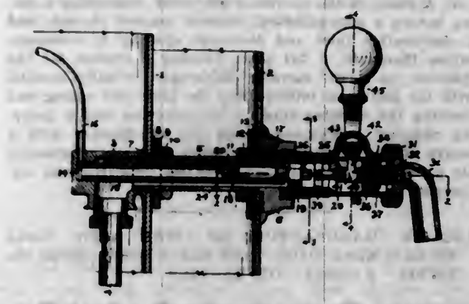
1,623,596. COMPRESSOR. FRANK E. HOLMES, Pasadena, Calif., assignor to Bloomfield-Holmes Corporation, Pasadena, Calif., a Corporation of California. Filed Sept. 17, 1925. Serial No. 56,861. 20 Claims. (Cl. 230—30.)

1. In a device of the class described, the combination of: a housing forming a cavity of semi-cylindrical cross section; a piston swingably arranged in said cavity, said piston having a cylindrical exhaust valve chamber, an exhaust port connecting between said valve chamber and a radial face of said piston, and an exhaust passage connected to said valve chamber, there being a sector-shaped space between said radial face and a plane face of said housing, said sector-shaped space changing in size as said piston is swung; an intake valve through which fluid



enters said space when same is enlarging; and a cylindrical exhaust valve engaging the cylindrical wall of said exhaust valve chamber and closing said exhaust port, said exhaust valve allowing fluid to pass through said exhaust port when said space is decreasing in size.

1,623,597. BEVERAGE-DISPENSING DEVICE. DAVID HUMPHREY, Cleveland, Ohio; H. J. Humphrey executor of said David Humphrey, deceased. Filed Aug. 19, 1922, Serial No. 583,012. Renewed Feb. 15, 1927. 10 Claims. (Cl. 225—21.)



1. A beverage dispensing faucet having a passage for the flow of beverage therethrough, a main valve for controlling said passage which when open will permit a continuous discharge of the beverage, and a gas connection extending into said passage having a valve seated reversely to said main valve and adapted to be opened thereby to permit carbonated gas to be injected into said passage and the flowing beverage at any desired interval and for any desired duration of time during the discharge of the beverage.

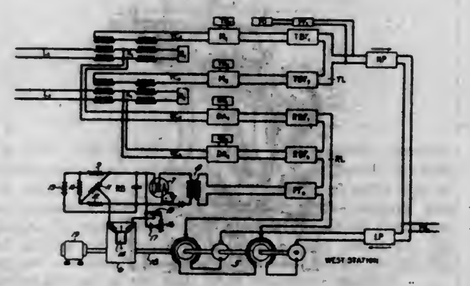
1,623,598. CARBON CATALYST AND PROCESS OF MAKING IT. CHARLES B. JACOBS, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Nov. 27, 1920. Serial No. 426,864. 16 Claims. (Cl. 23—234.)

1. A chemical reagent comprising carbon obtainable by thermally decomposing the alkali-soluble constituents of wood at a temperature below 500° C., said carbon being more reactive chemically than carbon produced at a higher temperature.

1,623,599. METHOD OF REMOVING CYANIDES FROM MASSES CONTAINING THE SAME. CHARLES B. JACOBS, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Mar. 10, 1921. Serial No. 451,094. 12 Claims. (Cl. 23—84.)

1. The method of removing alkali metal cyanide from cyanized furnace product containing the same which comprises digesting the same with substantially merely sufficient water, comprising mother liquor resulting from removing cyanide from a cyanide solution obtained by a previous operation, to give a substantially saturated solution, and subjecting the mass to directly applied relatively high pressure to expel cyanide solution.

1,623,600. TRANSMISSION REGULATION. JACOB S. JAMMER, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 26, 1924. Serial No. 752,319. 12 Claims. (Cl. 179—15.)

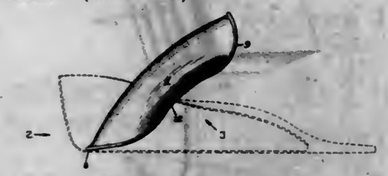


1. A line divided into sections, repeater stations including repeaters connected between respective line sections, means at each repeater station actuated by current incoming over the adjacent line section to vary the gain characteristics of the repeater at that station to compensate for line transmission variations within predetermined limits, and means actuated in response to transmission variations in a line section exceeding said predetermined limits for varying the gain characteristics of a repeater at a repeater station on said line remote from said line section.

1,623,601. PROCESS OF MAKING CAVIAR. DELOS H. SMITH, Port Washington, Wis., assignor to Smith Brothers, Port Washington, Wis., a Corporation of Wisconsin. Filed Oct. 9, 1925. Serial No. 61,586. 4 Claims. (Cl. 99—8.)

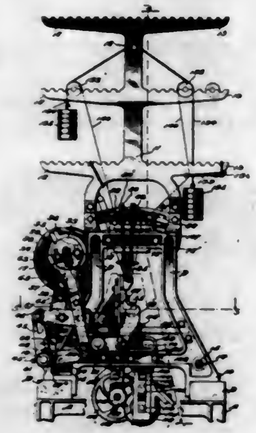
4. The process of manufacturing caviar comprising screening fish roe to allow the passage through the screen only of the roe and the juice from broken eggs, discarding the material left on the screen, separating the eggs from the liquid in the screened material heating the liquid to approximately 182° F., curing the roe, adding the liquid to the roe and intimately mixing to cause the roe to become fixed in a jelly-like matrix, sealing the mass in cans, and sterilising the cans.

1,623,602. BEDPAN SHIELD. DUDLEY SMITH, Oakland, Calif. Filed Nov. 24, 1924. Serial No. 751,793. 3 Claims. (Cl. 4—112.)



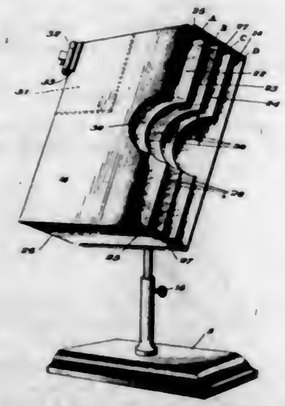
1. A bed pan shield comprising a toroidally curved shell, the lower edge of which is flared to provide a stable support, and the lateral edge of which are curved to provide an effective and comfortable contact with the body of the user.

1,623,603. WARP-KNITTING MACHINE. ISAAC SPRINGTHORPE, Philadelphia, Pa., assignor, by mesne assignments, to Springthorpe Textile Machine Company, Philadelphia, Pa., a Corporation of Delaware. Filed June 28, 1918. Serial No. 242,480. 3 Claims. (Cl. 66—86.)



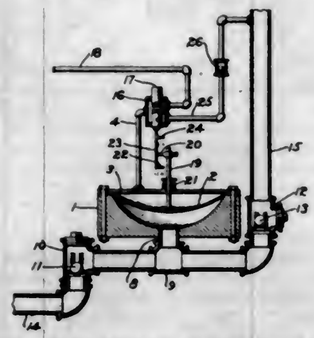
1. In a knitting machine, the combination with a bodily displaceable needle bar, of means mounting the needle bar for lateral bodily shifting, brackets or carriers supporting the needle bar, a rock shaft, rockers on said shaft which have slots that slidably receive the brackets, whereby movement of the rockers positively pushes the needle bar upwardly and pulls it downwardly, a main shaft, an adjustable or settable timing operative connection between said main shaft and the rock shaft, and a second adjustable or settable timing operative connection between said main shaft and said means for mounting the needle bar, said needle bar being thereby subject to the action of two actuating means both of which are timed and operated by the main shaft, both actuating means being positive in action, whereby the cycle of movement of the needle bar may be exactly predetermined by individual and relative adjustment of the timing connections aforesaid.

1,623,604. STATIONERY HOLDER. BETTY SUVAN, Chicago, Ill., assignor to Elizabeth Sullivan, Detroit, Mich. Filed Mar. 15, 1926. Serial No. 94,802. 1 Claim. (Cl. 45—64.)



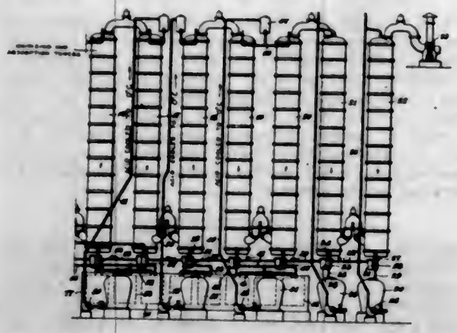
A stationery holder comprising a vertical standard, an obliquely disposed casing attached thereto and open at one side thereof, a plurality of partitions arranged in parallel relation in the casing and defining a plurality of stationery receiving compartments, each of the partitions and the front wall of the casing being provided with registering notches to facilitate grasping and removal of the stationery from the compartments.

1,623,605. PUMP. URLYN C. TAINTON, Johannesburg, Transvaal, South Africa. Filed Aug. 20, 1924. Serial No. 733,122. 4 Claims. (Cl. 103—44.)



1. A pump of the character described comprising a casing having a semi-spherical chamber formed therein, and a combination inlet and discharge opening in communication therewith, a flat plate forming a closure for the chamber, an elastic movable diaphragm normally parallel with the plate and intermediate the plate and casing and dividing the chamber into an air receiving and a pumping chamber, means connecting the air chamber with a source of air supply under pressure, and means whereby air under pressure will be alternately admitted and discharged.

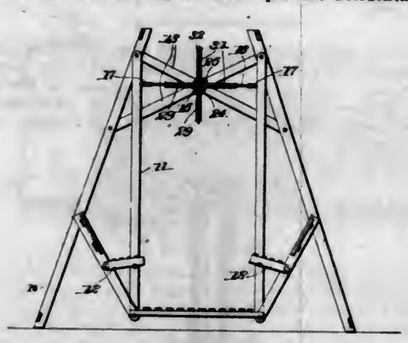
1,623,606. MANUFACTURE OF NITRIC ACID. CARLO TONIOLO, Milan, Italy. Filed Sept. 9, 1926. Serial No. 134,341. 5 Claims. (Cl. 23—161.)



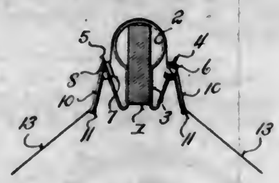
1. The process of manufacturing nitric acid comprising passing gases including oxides of nitrogen through a series of towers, circulating acid through said towers in a direction opposite to the general direction of progress of said gases, and cooling the acid between a plurality of intermediate towers to approximately 0° C. so that said acid as it comes into contact with said gases in said towers is approximately 0° C. in temperature.

1,623,607. SWING-OPERATED FAN. JOHN WATKINS and WILLIAM E. WATKINS, Milmay, N. J. Filed Aug. 27, 1923. Serial No. 659,535. 1 Claim. (Cl. 230—7.)

A fan device of the class described, in combination with a swing-driven shaft, collars on said shaft, rods radiating from said collars and removably secured thereto, fan wings of flexible material having sleeves at their ends applicable to said rods, means to prevent accidental detachment of the sleeves from the rods, said collars being adjustable on said shaft toward and away from each other, and means to secure the collars in adjusted positions rigidly to said shaft.

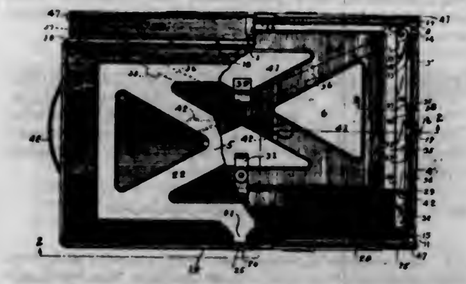


1,623,608. YARN-TENSIONING DEVICE. ARNO WETZEL, Milwaukee, Wis. Filed Oct. 30, 1926. Serial No. 145,224. 4 Claims. (Cl. 242—147.)



1. A yarn tensioning device comprising a pair of arms adapted for positioning on opposite sides of a support, said arms being connected by an upper portion over which the yarn is adapted to pass, said arms having outwardly extending parts provided with eyelets through which the thread is passed, and having weighting levers pivotally mounted on the outwardly extending portions and bearing against said thread to hold said thread against the upper portion with a predetermined amount of pressure.

1,623,609. COLLAPSIBLE BOX. HENRY H. YERK and WILLIAM J. BAUMBERGER, Davenport, Iowa, assignors to Micro Machine Company, Bettendorf, Iowa, a Corporation of Iowa. Filed Mar. 3, 1924. Serial No. 696,435. 14 Claims. (Cl. 220—6.)



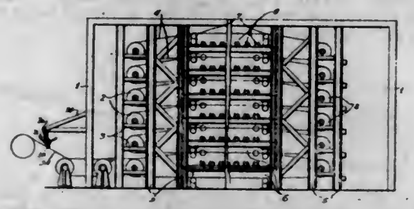
1. A folding box comprising front and rear walls, end walls each comprising a pair of sections hinged together and to the front and rear walls and disposed inwardly between the front and rear walls, a bottom member hinged to one of the side walls and swinging upwardly, and bridging members carried by certain of said end wall sections, said members being slidable to rigidly interlock with the adjacent end wall sections to hold them against inward swinging movement.

1,623,610. FASTENING DEVICE. ANTON ZEINDLHOFER, Sr., Vienna, Austria, assignor to Grove-Lock Co. Inc., New York, N. Y., a Corporation of New York. Filed Sept. 1, 1926, Serial No. 133,020, and in Austria Feb. 15, 1926. 5 Claims. (Cl. 292—207.)



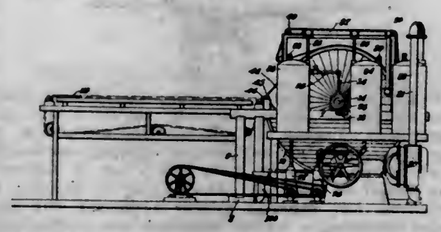
4. The combination of a pair of members normally parallel with each other and adapted to be moved towards and away from each other, a slide located upon one of the members and longitudinally slidable thereon and adapted to engage the other member during its longitudinal sliding movement, to hold it closely adjacent, the engaged member having a portion adapted to permit the disengagement of the slide from the other member.

1,623,611. AUTOMATIC CIRCUIT BREAKER FOR DRYING MACHINES AND THE LIKE. JOHN E. ALEXANDER, Port Edwards, Wis., and STEPHEN A. STAEGE, Pittsburgh, Pa.; said Staege assignor to said John E. Alexander. Original application filed May 15, 1924, Serial No. 713,637. Divided and this application filed Sept. 2, 1925. Serial No. 53,979. 5 Claims. (Cl. 34—48.)



1. A drier unit comprising web conveying means, electrical heating means adjacent said conveying means and control means for disconnecting said heating means upon breakage of the web.

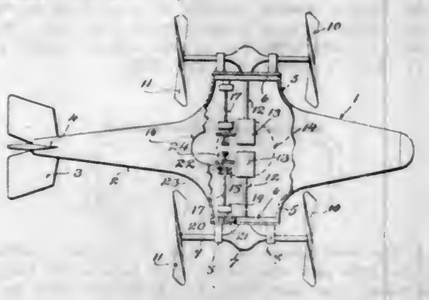
1,623,612. SHINGLE MACHINE. HARRY APPLIN, Ambler, Pa., assignor to Ambler Asbestos Company, a Corporation of Pennsylvania. Filed June 16, 1926. Serial No. 116,291. 26 Claims. (Cl. 25—42.)



1. A mechanism for forming plastic material into plates, slabs and the like, comprising a member having a vacuum chamber forming said plastic material into a

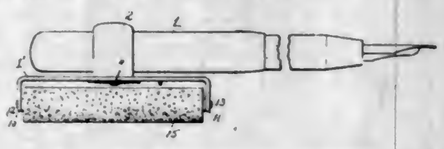
unitary mass of desired shape, cords associated therewith adapted to remove said mass as a unit while preserving its shape, and means whereby a vacuum in said chamber effects the holding of said plastic material to said cords.

1,623,613. FLYING MACHINE. MAX M. ARNDT, Manitowoc, Wis. Filed Nov. 6, 1925. Serial No. 67,283. 2 Claims. (Cl. 244—14.)



1. A flying machine comprising a body portion, a pair of revolubly mounted heads on opposite sides of the body portion, a relatively large gear carried by each head, a relatively small pinion meshing with each gear, manually operated means for rotating and locking said pinions, a pair of propellers located on each side of said body portion with their shafts carried by said heads, and a driving motor for each pair of propellers, said driving motors being located within the body portion, said propellers constituting the sole sustaining means for said flying machine and being adapted to be set at an angle to the horizontal to provide both a propelling and a lifting force.

1,623,614. BLOTTER DEVICE FOR PENS. PETER BECSI, Durand, Mich. Filed Feb. 8, 1926. Serial No. 86,947. 8 Claims. (Cl. 120—26.)



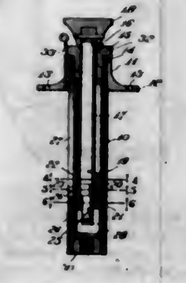
1. In a blotting device, a roller, a blotter tube removably mounted thereon, a carrier for the roller and a clip rotatably mounted on the carrier centrally thereof, and means for locking this clip and carrier.

1,623,615. ROPE CLAMP. STEPHEN BONA, Bridgeport, Conn. Filed Oct. 27, 1925. Serial No. 65,202. 3 Claims. (Cl. 24—133.)



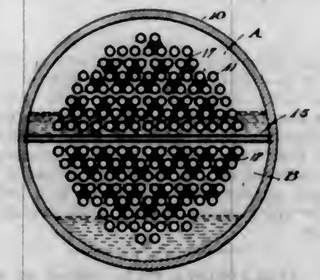
1. A clamp comprising, in combination, a frame structure including a longitudinal body portion, a rope engaging loop formed on the rear extremity of the body, a pair of oppositely disposed brackets extending downwardly at the forward portion of the body, a pair of U-shaped ears formed on the lower extremities of the brackets, a detachable rope engaging member associated with the frame embodying a tapered segmental cam, transversely directed teeth formed on the upper arcuate edge of the cam, an angular radially directed lever formed on the forward edge of the cam, a loop formed on the upper edge of the lever, the said rope engaging member being pivotally connected upon the bracket ears by a pair of transversely directed pins mounted on the sides of the said cam.

1,623,616. REGULATING DEVICE FOR CONTROLLING THE OPERATION OF VALVES OR THE LIKE. PHILIP C. P. BOOTY, Chicago, Ill., assignor to William M. Bansley, Chicago, Ill. Filed Nov. 10, 1919, Serial No. 336,785. Renewed Sept. 27, 1926. 12 Claims. (Cl. 74—39.)



1. In a regulating device of the class described, the combination of a longitudinally reciprocable adjusting stem having an eccentric bearing portion, an elongated guide for said stem, and eccentric means mounted on said bearing portion and adapted upon a rotary movement of the stem to lock the stem relative to the guide at any point throughout its range of longitudinal movement relative to the guide.

1,623,617. CONDENSER, COOLER, AND ABSORBER. CARL F. BRAUN, Pasadena, Calif. Filed Feb. 7, 1923. Serial No. 617,493. 5 Claims. (Cl. 257—239.)



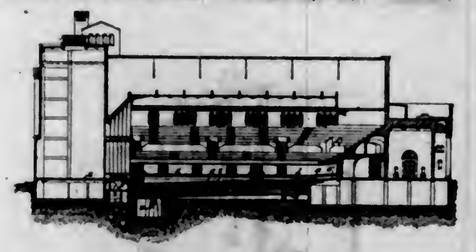
1. A condenser comprising an outer shell extending horizontally, a central longitudinally extending partition wall forming parallel passageways within said shell, a tube nest comprising two groups of tubes, one extending longitudinally of each passageway, and transverse baffle plates having imperforate portions for maintaining a direct ratio between the cooling and condensing surfaces.

1,623,618. METHOD OF PRODUCING GALVANIZED CORRUGATED METAL PIPE. WILLIAM J. COOK, Wheeling, W. Va., assignor to Wheeling Steel Corporation, Wheeling, W. Va., a Corporation of Delaware. Filed May 5, 1924. Serial No. 711,287. 4 Claims. (Cl. 113—33.)



1. The method of making galvanized corrugated sheet metal pipe, which consists in galvanizing the metal subsequent to the steps of corrugating the sheet and curving the same into tubular form and prior to closing the overlapping edges upon each other.

1,623,619. CONVERTIBLE AUDITORIUM. JAMES S. DEAN, Sacramento, Calif. Filed Nov. 9, 1925. Serial No. 67,762. 8 Claims. (Cl. 20—1,123.)

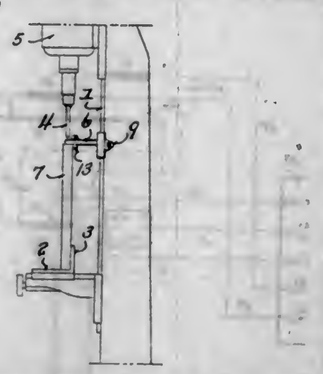


1. In an auditorium, a stage extending across said auditorium, a main floor pivoted on an axis spaced from and adjacent to the end of said floor remote from the stage, said floor when horizontal being in the plane of the stage, and means acting at a point spaced from and adjacent to the stage end of said floor for rotating said floor about said axis whereby when the stage end of said floor is lowered the remote end thereof is higher than said stage.

1,623,620. METHOD OF PREPARING WALL COVERING. ALFRED C. DODMAN, Jr., Summit, N. J. Filed Sept. 13, 1924. Serial No. 737,627. 5 Claims. (Cl. 92—40.)

1. The method of applying color to paper which comprises adding a carrier to a color, drying the carrier and color and adding the color and carrier in a finely divided state to the paper pulp while on the wires of a paper making machine.

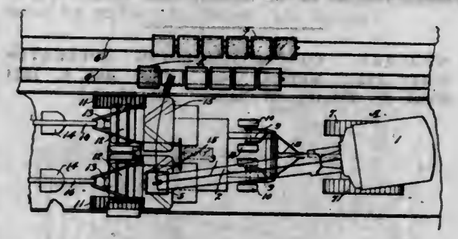
1,623,621. GAUGE FOR MORTISING MACHINES. VICTOR HAYES KELLEY, Madison, Wis., assignor to Madison Tool and Stamping Works, Madison, Wis. Filed May 21, 1926. Serial No. 110,788. 4 Claims. (Cl. 144—84.)



2. A combined hold down and top back fence comprising a body portion having guide receiving slides, and having a transverse back fence adjustably mounted upon its lower side.

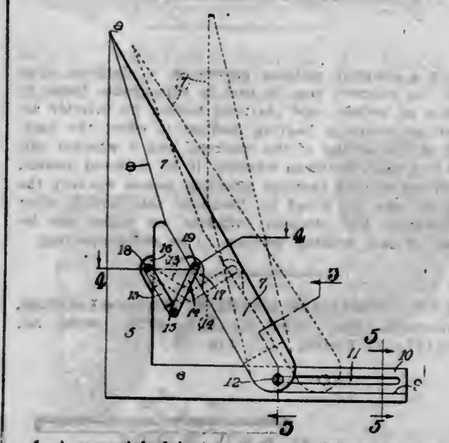
1,623,622. TWIN-MIXER CONCRETE-PAVING MACHINE. PHILIP A. KOEHRING, Milwaukee, Wis., assignor to Koehring Company, Milwaukee, Wis., a Corporation. Filed Mar. 27, 1926. Serial No. 97,932. 6 Claims. (Cl. 214—17.)

1. In a concrete mixing and distributing machine, a portable traction base adapted to progressively move along a road subgrade where concrete pavement is to be laid, a plurality of mixers carried by said traction base and arranged transversely of the direction of progressive movement of the same, a crane connected with the traction base to move therewith and comprising crane mechanism for loading the mixers aforesaid by alternately charging aggregates thereinto, means associated with the mixers for distributing concrete mixed therein



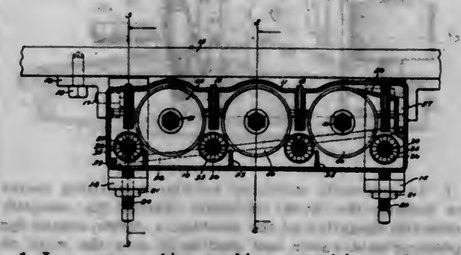
and discharged therefrom and means for propelling the traction base and crane to cause advance of the machine progressively over the subgrade in the manner set forth.

1,623,623. GEOMETRICAL INSTRUMENT. LOUIS P. KOLODGE, New Kensington, Pa. Filed Oct. 19, 1926. Serial No. 142,659. 4 Claims. (Cl. 33—94.)



1. A geometrical instrument comprising a square composed of rigidly connected arms extended at right angles to each other, a straight edge member, means connecting said straight edge member at one end to one of said arms for pivotal and sliding movement therealong, and an extensible connection between the intermediate portion of the straight edge member and the other arm of the square.

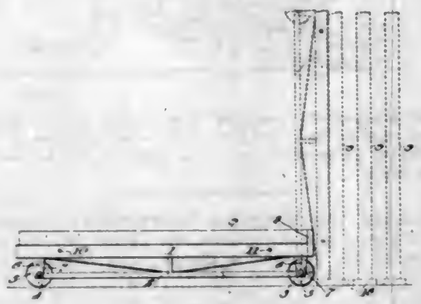
1,623,624. BEARING. HERMAN L. KUTTER, Hamilton, Ohio. Filed Dec. 26, 1923. Serial No. 682,685. 22 Claims. (Cl. 92—44.)



1. In a paper-making machine, comprising a side rail, and a plurality of table rolls supported thereby, a plurality of bearing members supported by said side

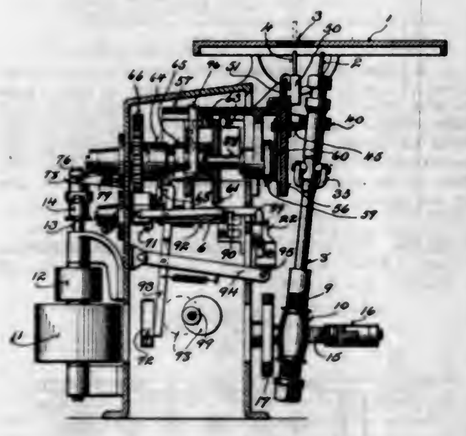
rails and positioned to receive the said table rolls in rolling engagement, the construction being such that each bearing member as it rotates tends to cause corresponding rotation of one or more table rolls.

1,623,625. CONCRETE-MOLDING APPARATUS. SIMON LAKE, Milford, Conn. Filed May 6, 1924. Serial No. 711,418. 3 Claims. (Cl. 25—1.)



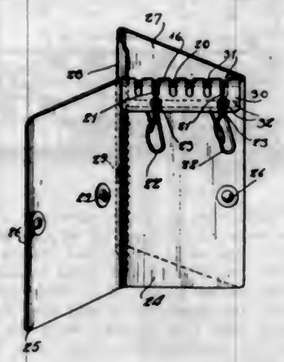
2. In a concrete molding apparatus, a platform upon which the concrete may be cast in appropriate forms to produce an article, said platform having its interior arranged to receive a heating medium to effect the hastening of the setting of the concrete, and a wheeled carriage for said platform whereby it is rendered mobile, the wheels of said carriage affording means whereby the platform may be tilted to discharge said article after the concrete has attained sufficient set under the influence of said heating medium to be self-supporting.

1,623,626. MORTISING MACHINE. WILLIAM LOEFFLER, Sheboygan, Wis. Filed Nov. 15, 1924. Serial No. 750,147. 13 Claims. (Cl. 144—69.)



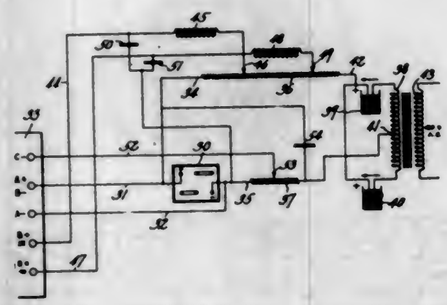
1. An automatic mortising machine comprising means for holding the work stationary during the complete automatic operation of the machine, a cutter, means for operating said cutter and feeding it into the work to form a mortise, and means adapted to enter the mortise and square the ends thereof after the cutter has been withdrawn.

1,623,627. KEY CASE. CHARLES LORBER, Louisville, Ky. Filed Apr. 20, 1926. Serial No. 103,311. 7 Claims. (Cl. 150—40.)



7. A key purse including a body, a cover flap adapted to cover one side of the body, a second cover flap adapted to cover the remaining side of the body, and key holding means at one end arranged to permit movement of keys from position against one side of the body to lie against the other.

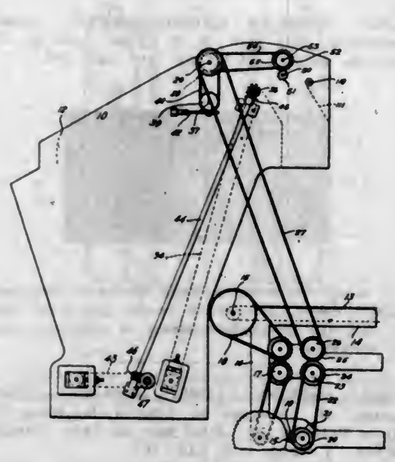
1,623,628. COMBINED A BATTERY TRICKLE CHARGER AND B SUPPLY. DIMMITT ROSS LOVEJOY, New York, N. Y., assignor to Lovejoy Development Corporation, New York, N. Y., a Corporation of New York. Filed Oct. 16, 1926. Serial No. 141,930. 6 Claims. (Cl. 250—27.)



2. A power supply for audion circuits comprising a storage A-battery for supplying filament current, a charging line including a series resistance element in the positive lead for charging said storage A-battery at a low current rate, and a plate current supply line shunting a portion of said charging line between two points of suitable voltage difference.

1,623,629. FUR-WEIGHING MACHINE. FRITZ P. MANSBENDEL, Brooklyn, N. Y., assignor, by mesne assignments, to Sunfast Hats, Incorporated, Danbury, Conn., a Corporation of Connecticut. Filed Aug. 27, 1924. Serial No. 734,372. 34 Claims. (Cl. 249—4.)

1. In fur weighing and feeding apparatus for hat forming machines, in combination, a conveyor for fur, a weighing pan adapted to receive said fur from said conveyor, means adapted to drive said conveyor, means adapted upon movement of said weighing pan due to the



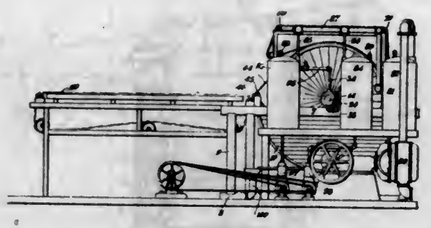
weight of said fur thereon to interrupt said drive and lock said conveyor against further movement, and electrical means adapted at predetermined intervals of time to release said lock and re-establish said drive.

1,623,630. HAIRDRESSING APPLIANCE. THOMAS J. MARTIN and JEAN MULLER MARTIN, New York, N. Y. Filed Nov. 17, 1923. Serial No. 675,423. 5 Claims. (Cl. 219—24.)



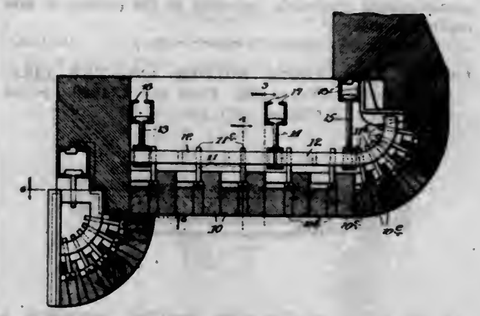
1. A hair dressing appliance having, a counterbored handle attachable to and registering with a chamber block, said block forming a spacing base between duel prongs and the said handle, the block aforesaid adapted to contain heat resisting material in which is embedded current conducting wires that pass from said handle and the prongs aforesaid.

1,623,631. METHOD AND APPARATUS FOR PRODUCING PLASTIC ARTICLES. RICHARD V. MATTISON, Ambler, Pa., assignor to Ambler Asbestos Company, a Corporation of Pennsylvania. Filed Mar. 6, 1926. Serial No. 92,730. 24 Claims. (Cl. 25—42.)



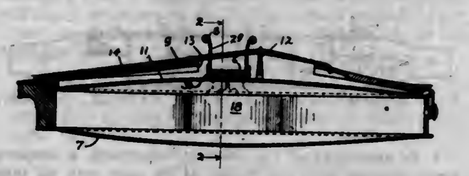
1. A mechanism for forming a plastic material, comprising a drum having an opening therein of a desired shape, vacuum controlled means for holding material to said opening, and means whereby varying thicknesses of material may be held to said opening by a substantially constant pressure at the source of said vacuum.

1,623,632. INSERTABLE FIRE BRICK. THOMAS E. MCCAIG, Chicago, Ill. Filed June 21, 1926. Serial No. 117,444. 2 Claims. (Cl. 110—99.)



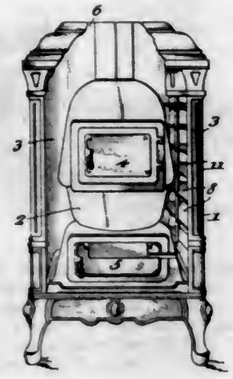
1. A fire brick having a substantially central hole therethrough, a slot extending into said hole from one side, and a ledge associated with said slot adapted to receive the head of a hanger, whereby said hanger may be slid into said slot and turned by a tool inserted through said hole.

1,623,633. BOW GUIDE FOR VIOLINS AND THE LIKE. GEORGE M. MORRIS, Richmond, Calif. Filed Sept. 9, 1924. Serial No. 736,680. 8 Claims. (Cl. 84—283.)



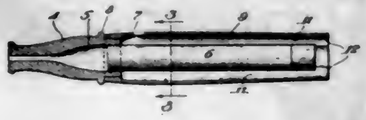
1. A bow-guide for a violin or the like comprising a supporting member, means for releasably mounting said member in spaced relation from and over the midportion of the belly of the violin between the bridge and finger board, and a guide member displaceably mounted on said supporting member.

1,623,634. AIR-CIRCULATION CONTROL FOR INCLOSED STOVES. EDWIN W. PAPE, St. Louis, Mo., assignor to Crescent Stove Works, Vanderburgh County, Ind., a Corporation. Filed Apr. 3, 1926. Serial No. 99,520. 10 Claims. (Cl. 126—67.)



1. The combination with a stove or heater, of an inclosing shell or casing therefor, and regulable means carried by said shell whereby the heat within said shell may be radiated outwardly from the shell in different predetermined directions according to the setting of said regulation means.

1,623,635. CIGARETTE HOLDER AND THE LIKE. HELEN POTTS, Chicago, Ill. Filed Nov. 4, 1926. Serial No. 146,074. 3 Claims. (Cl. 131—51.)



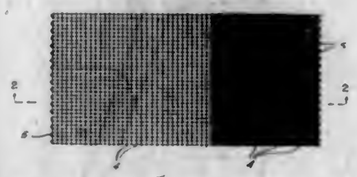
1. An article of the class described comprising a mouth piece; and a hollow casing projecting therefrom and arranged to enclose a cigarette or the like, the sides of said casing being longitudinally recessed to receive the sides of said cigarette, there being air space in said casing above and below said cigarette, substantially as described.

1,623,636. GAS-SEPARATING APPARATUS. MOORE M. REYNOLDS, Dawmont, W. Va. Filed Oct. 14, 1925. Serial No. 62,459. 4 Claims. (Cl. 183—75.)



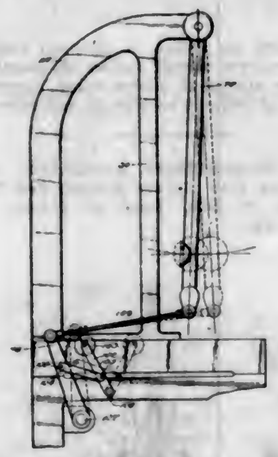
1. In apparatus of the character described, a compartment provided adjacent to one of its ends with an inlet opening and adjacent to its opposite end with a screened outlet opening, the outlet opening being spaced from the top of the compartment, a screen covering the top of said compartment, a curved inclined deflector arranged within said compartment, adjacent to and in advance of the screened opening to cover the same, the top of the deflector being spaced laterally from the screened opening, said deflector serving to deposit the fine particles contained within the gases upon the bottom of said compartment, and means to pass gases through the compartment.

1,623,637. WOMAN'S UNDERGARMENT. ABRAHAM ROSENTHAL, New York, N. Y. Filed June 23, 1926. Serial No. 117,927. 4 Claims. (Cl. 139—383.)



1. A fabric for women's wear having a deep margin of closely woven material to render the same shadow proof, and the remainder thereof of relatively loosely woven material.

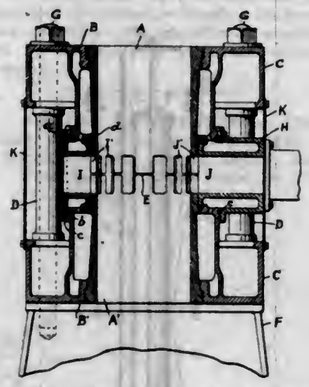
1,623,638. COPYING LATHE. HERMAN A. SCHULTZ, Chicago, Ill., assignor to Charles E. Reed, township of McHenry, Ill. Filed Mar. 29, 1924. Serial No. 702,812. 1 Claim. (Cl. 142—15.)



In a last lathe structure, the combination of a pattern-follower and cutting mechanism, a swing-frame supporting a pattern and the work for cooperation with said follower and cutting mechanism, respectively and grading mechanism with which the swing-frame and pattern-follower are connected, the axis upon which said frame swings being so located that said frame, in the cutting operation of the machine, swings to both sides of the vertical plane in which said axis is located.

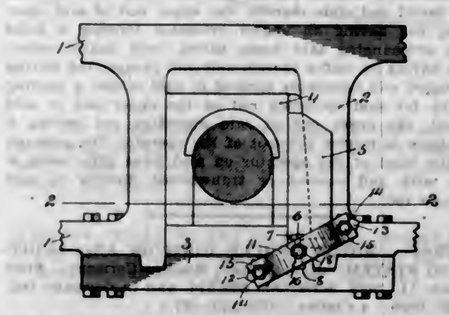
1,623,639. CYLINDER STRUCTURE FOR INTERNAL-COMBUSTION ENGINES. HANS R. SETZ, Upper Darby Township, Philadelphia County, Pa.; Bertha E. Setz administratrix of said Hans R. Setz, deceased. Filed Sept. 4, 1924. Serial No. 735,767. 14 Claims. (Cl. 123—173.)

1. In a cylinder structure for internal combustion engines, in combination, a cylinder comprising an inner liner and an outer jacket, upper and lower entablatures between which the cylinder extends, distance pieces connecting the entablatures and spaced from the outer jacket of the cylinder and the tie rods cooperating with the entablatures and distance pieces to form a rigid cylinder-supporting frame, the liner of the cylinder comprising two liner sections secured respectively at their upper and



lower ends in rigid relation to the jacket and entablatures and free at their approximating ends to expand and contract longitudinally.

1,623,640. AXLE-BOX-WEDGE MECHANISM. RICHARD C. SHIPLEY and JAMES R. QUIGG, Kansas City, Mo. Filed Oct. 27, 1926. Serial No. 144,491. 6 Claims. (Cl. 105—81.)



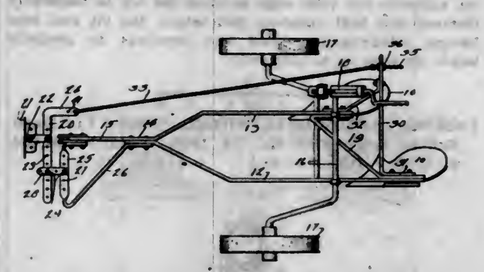
3. In an axle box wedge mechanism, the combination with a frame having a horizontal groove transverse of the length of the frame, an axle box on said frame, and a vertically movable wedge engaging said frame and box and arranged when moved upwardly to tighten between the box and frame, of a second wedge longitudinally reciprocative in said groove and having an inclined upper side directly engaging the lower end of said first named wedge, and means including a spring for normally automatically forcing the second wedge in said groove in a direction such that the second wedge will lift the first named wedge.

1,623,641. STRUCTURE BUILDING CARD. EMIL C. SIXTA, La Habra, Calif. Filed June 22, 1926. Serial No. 117,818. 4 Claims. (Cl. 46—35.)



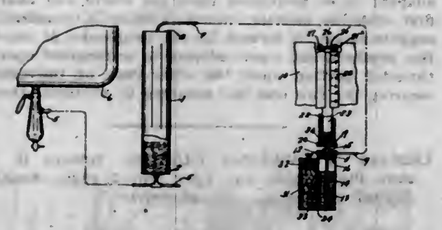
4. Means for interlocking coordinate elements, comprising, in combination with said elements, gripping keepers clinched in predetermined, permanent position on respective faces of the elements and forming frictional gripping receivers, and plane-end key members to bridge the abutting junctures of meeting elements and fitting snugly in the clinched receivers substantially without side play therein.

1,623,642. PLOW HITCH. ANDREW E. SUTHERLAND, Madrid, Iowa. Filed Dec. 17, 1923. Serial No. 681,097. 1 Claim. (Cl. 278—96.3.)



A hitch adapted to be used with a plow having a plow bottom and draft beam, said hitch comprising a bar attached to the beam and extending laterally therefrom in a landslide direction, a draft bar, a link pivoted to the draft bar and the first mentioned bar, means for hitching to said draft bar substantially in line with said beam, said draft bar extending from said hitch means in the direction the soil is turned and having a pivotal connection positioned rearwardly relative to the hitch means, a frame connected to the plow bottom and extending laterally therefrom in the direction the soil is turned and an adjustable connecting rod between the outer end of said frame and said pivotal connection.

1,623,643. GAUGE. JOHN C. TAPP, Broomfield, Colo. Filed July 9, 1926. Serial No. 121,316. 2 Claims. (Cl. 73—54.)



1. Apparatus for indicating the amount of gasoline in the supply tank of an automobile, comprising a vessel the bottom of which is disposed a substantial distance below the bottom of the tank and the top of which is disposed a substantial distance above the bottom of the tank, a tube connection between the bottom of the tank and the bottom of the vessel, an indicating tube mounted on the dash board of the automobile, a liquid container adjacent the indicating tube, a reservoir positioned in juxtaposition to said liquid container, a tube connection from the bottom of said liquid container to the bottom of said indicating tube, a tube connection from near the top of said liquid container to the bottom of said reservoir, and a tube connection between said vessel and the top of the liquid container.

1,623,644. PLANE. THOMAS T. TVEDT, Brooklyn, N. Y. Filed Dec. 5, 1922. Serial No. 605,010. 1 Claim. (Cl. 145—17.)



The combination of a bench plane iron, clamp plate and small thin bit or blade; the clamping plate having a bowed front clamping portion of such width relative to

the bit or blade that when its front edge engages said bit near the cutting edge in the cutting position of the latter, the other side of the bowed portion engages the bit adjacent the rear edge so that the bit is resiliently clamped and held adjacent both edges, the bit and iron having inter-engaging pins and openings to properly locate its edge to be clamped.

1,623,645. AUTOMOBILE WHEEL. GERRIT VAN DAAM, Buffalo, N. Y. Filed Mar. 24, 1926. Serial No. 97,054. 4 Claims. (Cl. 301—63.)



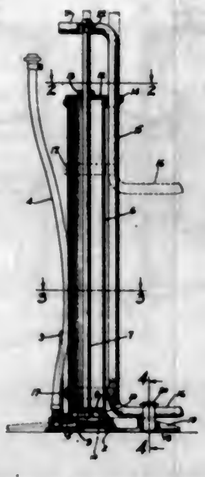
1. In a vehicle wheel the combination of a hub on the axle spindle and a disk-like body member adapted to be secured upon the hub, a sleeve on the disk-like body member adapted to fit over the hub, a threaded portion upon the outer face of the hub, of a second disk-like member adapted to be positioned upon the sleeve and abut the first disk-like member, means whereby a complete tire supporting rim is formed by the peripheries of the disk-like members, and a nut adapted to be threaded upon the threaded portion upon the outer face of the hub for securing the two disk-like members in abutment thereon.

1,623,646. FLOWERPOT TRELLIS. HORACE H. VERBERY, Philadelphia, Pa. Filed Sept. 7, 1926. Serial No. 133,847. 3 Claims. (Cl. 47—47.)



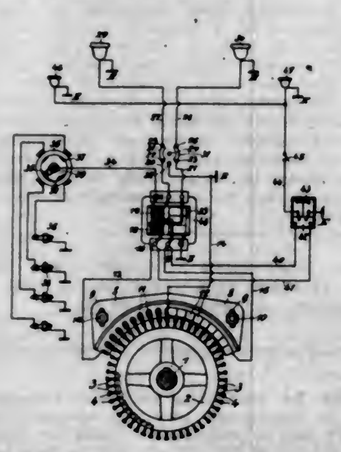
3. A flower-pot trellis embodying a cage consisting of a pair of crossed bottom-bars secured together at their intersection, the ends of said bottom-bars being bent upwardly and outwardly to form arms which together form a flaring receptacle for the pot, a trellis having posts, and means whereby these posts are attached to the exterior of a pair of said arms.

1,623,647. AIR PUMP. HENRY J. WEPPLO, Minneapolis, Minn. Filed Feb. 27, 1925. Serial No. 12,085. 2 Claims. (Cl. 230—27.)



1. The combination with a pump barrel and a plunger and rod therefor, of an operating rod arranged outside of said barrel and having an extension adapted to encircle the barrel and slide thereon, the upper end of said operating rod having an angled extension forming a hand grip overhanging said pump barrel, said angled extension having an orifice therein and said plunger rod having its upper end removably secured in said orifice, a guiding means for said operating rod on the upper end of said barrel, the lower end of said operating rod having a footpiece to receive the foot of the operator, the pressure of the hand of the operator on said hand grip being in line with and exerted or transmitted directly to said plunger rod.

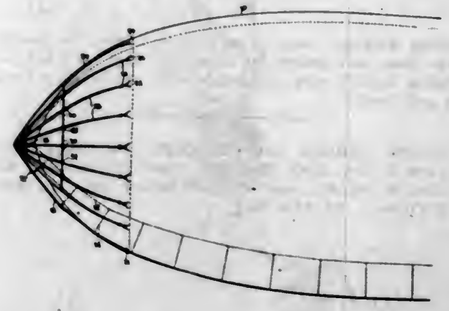
1,623,648. MOTOR-VEHICLE IGNITION AND LIGHTING SYSTEM. KARL WOLFF, Munich, Germany. Filed Jan. 11, 1922, Serial No. 528,524, and in Germany Oct. 29, 1920. 4 Claims. (Cl. 171—97.)



1. A system for ignition and illumination of motor driven vehicles, comprising, an alternating current generator driven by the vehicle motor and designed to supply

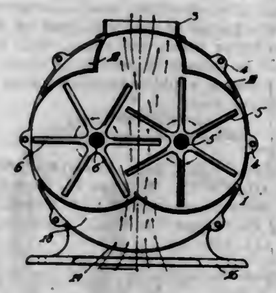
medium frequency current at the cranking speed of the motor, reflector lamps, a rotary spark distributor, and a transformer having its primary winding connected both to the stator winding of the generator and to the reflector lamps, and its secondary winding connected to the rotary spark distributor, the transformer constituting the sole means for bringing the generator current up to ignition tension.

1,623,649. AIRSHIP NOSE BATTEN. CHARLES H. ZIMMERMAN, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Dec. 12, 1925. Serial No. 75,097. 14 Claims. (Cl. 244—3.)



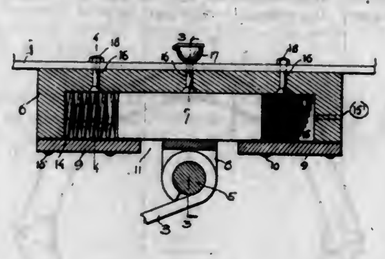
5. The combination with an airship envelope and keel projecting therefrom, of a plurality of nose battens pivotally connected to the keel and secured to the envelope outside the latter.

1,623,650. EXHAUST FAN OR BLOWER. ROBERT DUNBAR ANDERSON, Shreveport, La. Filed Sept. 19, 1923. Serial No. 663,570. 1 Claim. (Cl. 230—11.)



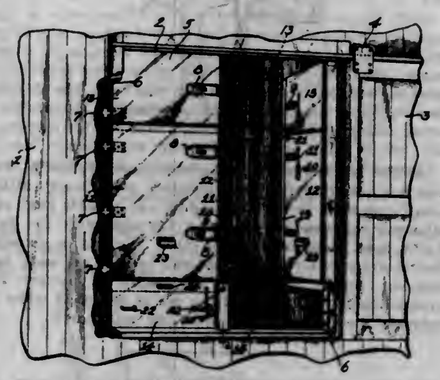
In an exhaust fan or blower, the combination with a casing, shafts journaled transversely said casing on either side thereof, and means for rotating said shafts in opposing directions, of fan blades mounted on said shafts, said fan blades being formed so as to converge to the axis of rotation of said shafts, for the purpose as described.

1,623,651. END CONNECTION AND SHOCK ABSORBER FOR VEHICLE SPRINGS. HARRY T. AYRES, Durango, Colo. Filed Oct. 1, 1924. Serial No. 741,047. 2 Claims. (Cl. 267—56.)



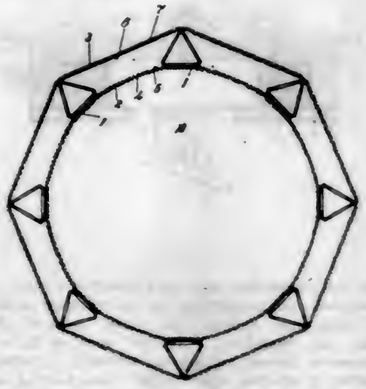
1. An end connection and shock absorber of the character described and comprising an open-bottom slide-block casing, removable bottom end plates secured thereto, providing end chambers, a central open space, a slide block mounted therein and having laterally extending and downwardly projecting spaced apart ears bearing against the bottom edges of said casing at said central space, the free end of the spring flexibly secured between said ears, a coiled spring within one of said end chambers interposed between said slide block and end of chamber, the opposite end of chamber having an opening to the atmosphere to admit freedom of movement of the slide block therein and permit movement of the free end of the vehicle spring.

1,623,652. FREIGHT-CAR DOOR. HENRY BANG, Chicago, Ill., assignor of two-fifths to Theodore Carstensen, Chicago, Ill. Filed Sept. 10, 1924. Serial No. 736,889. 3 Claims. (Cl. 20—27.)



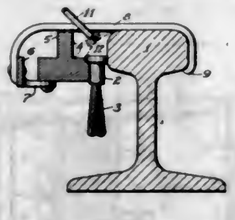
1. In a railway car a grain door formed and adapted to swing inward substantially and in effect as two sections hinged to the sides of the doorway respectively, each of said sections including a medial part and top and bottom parts each movable relative to the medial part, all of said sections being formed and arranged to overlap along their several mutually adjacent edges and the two bottom sections being slidable vertically for opening and closing.

1,623,653. GAS-INFLATED AIRSHIP. HANS BAUMMISTER, Stuttgart, and WILHELM E. DÖRR, Friedrichshafen, Bodensee, Germany, and KARL HÜTTLE, Akron, Ohio, assignors to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Filed July 13, 1926, Serial No. 122,122, and in Germany Aug. 3, 1925. 10 Claims. (Cl. 244—3.)



1. An airship comprising a bag inflated with gas; the envelope of said bag having a brilliant inner surface adapted to reflect heat rays.

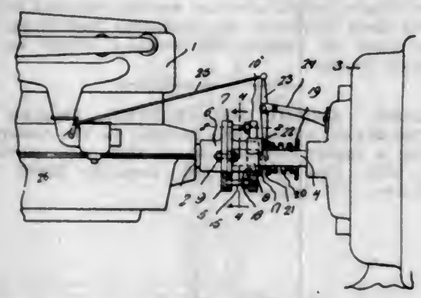
1,623,654. APPARATUS USED IN BONDING RAILS AND METHOD OF ITS APPLICATION. WILLIAM P. BOYARD, Mansfield, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a Corporation of New Jersey. Filed Oct. 7, 1918. Serial No. 257,305. 14 Claims. (Cl. 219—10.)



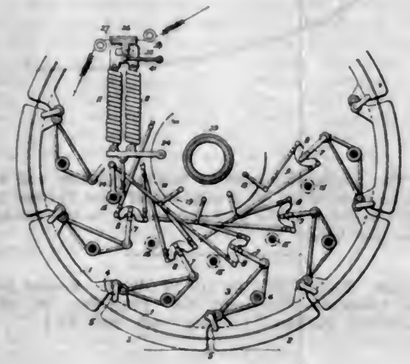
14. The method of securing rail bonds to rails comprising supporting the bond terminal in a closely fitting metallic member to rapidly conduct and radiate heat and adjusting the terminal adjacent the rail with the face of the bond terminal exposed, then applying a metallic electric arc to the terminal and rail to heat the same and applying molten metal to the parts to secure the terminal to the rail without the use of retaining walls to maintain the molten metal upon the said parts.

1,623,655. SPEED-GOVERNING DEVICE. EDGAR F. BROWN, Salisbury, Md. Filed Nov. 24, 1925. Serial No. 71,143. 1 Claim. (Cl. 264—11.)

In a speed governing device of the class described, a pair of discs disposed in meeting contact, one disk being adapted to be mounted upon a driving shaft and the other disk being adapted to be mounted upon a driven shaft, said last named disk being provided with a plurality of elongated slots, the other disk being equipped with circumferentially spaced bolts, certain ones of which extend through complemental slots to provide a driving connection between the disks, said driving connections permitting relative circumferential movement of the disks, certain of said bolts being provided with heads located in the remaining slots, said heads having bevelled faces, a body slidably mounted upon the driven shaft, a spring cooperating with said body to move it in a direction toward said disks, and projections carried by said body and including beveled ends engageable with the bevelled faces on said heads.

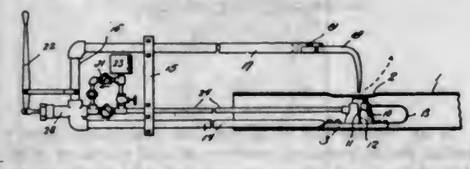


1,623,656. WHEEL FOR VEHICLES. FREDERICK WILLIAM BROWN, York, England. Filed Feb. 9, 1921, Serial No. 443,653, and in Great Britain Feb. 11, 1920. 9 Claims. (Cl. 152—30.)



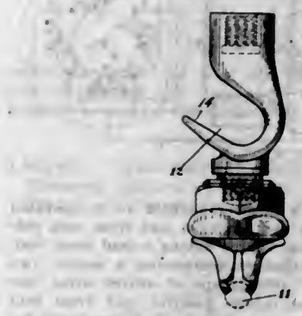
1. A spring wheel for motor cars and other wheeled vehicles having a contractible rim constructed in segments which are hinged to and supported on a series of crank levers pivoting within the wheel, their inner arms being connected to springs by equalizing levers and links so that equal pressure would cause equal radial movement at any part of the tread.

1,623,657. APPARATUS FOR ELIMINATING DENTS IN TUBES OR PIPES. LUTHER E. BROWN, Breckenridge, Tex., assignor of one-half to S. Caprito, Breckenridge, Tex. Filed Sept. 17, 1926. Serial No. 136,138. 9 Claims. (Cl. 153—48.)



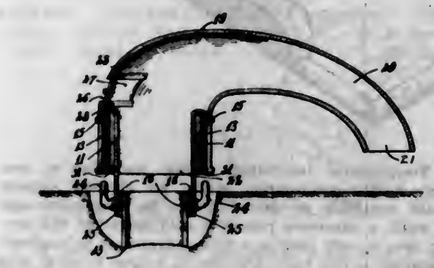
1. An apparatus for eliminating dents from tubes, pipes and the like comprising a shoe or runner having a pedestal, said pedestal being chambered, a plunger movable in the chamber of the pedestal, means for supplying fluid under pressure to the chamber below the plunger, and a pointer connected with the shoe or runner and adapted to operate exteriorly of a pipe, tube, or the like to indicate the position of the plunger within the pipe, tube, or the like.

1,623,658. CONDUCTOR SUPPORT. HOMER P. CHANDLER, Mansfield, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a Corporation of New Jersey. Filed May 13, 1925. Serial No. 29,933. 5 Claims. (Cl. 191—48.)



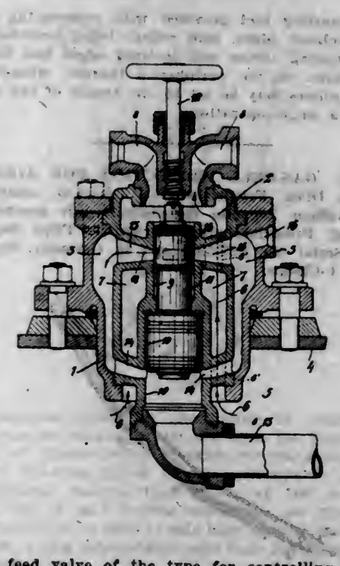
1. A conductor support comprising a primary support and a secondary support, the primary support comprising a supporting boss provided with means to secure the support to a hanger, an open groove to receive a feeder conductor, means to be formed about the feeder conductor to engage and secure the conductor in place, the secondary support comprising a pair of jaws to engage the conductor to be supported, means to move the jaws either into or out of engagement with the conductor and means to secure the jaws to the primary support and to conduct current from the feeder conductor to the conductor to be supported.

1,623,659. VENT CAP FOR SOIL PIPES. JOHN COMERFORD, New York, N. Y., assignor of one-third to Michael J. Martley, Bronxville, N. Y., and one-third to Harry Byrne, New York, N. Y. Filed Dec. 11, 1925. Serial No. 74,808. 1 Claim. (Cl. 98—122.)



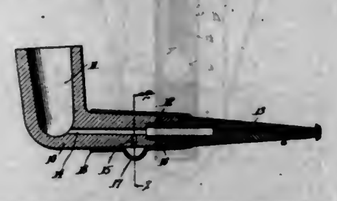
In a soil pipe the combination with a cylindrical ring member having diametrically opposite screw threaded openings therein, of detachable upright members having openings therein adapted to register with the openings of said ring, means comprising screw threaded studs adapted to be extended through the registering openings in said ring and in said upright members and to engage the sides of said soil pipe for clamping said ring thereon in an adjusted position and for securing said extensions to said ring, a thumb screw handle element on the outer end of said stud, and a detachable hood member secured to said extension at the upper end portions thereof disposed over and above the end of said soil pipe.

1,623,660. FEED VALVE FOR LOCOMOTIVES. GUSTAV DE GRAHL, Berlin-Zehlendorf-West, Germany. Filed Mar. 11, 1925, Serial No. 14,818, and in Germany Nov. 14, 1924. 5 Claims. (Cl. 137—153.)



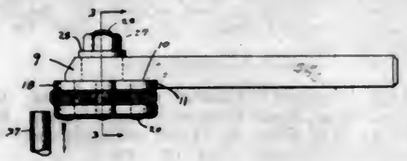
1. A feed valve of the type for controlling the passage of superheated and wet steam respectively from a superheater and boiler to an injector comprising a casing having superposed chambers therein, the lower of which is provided with inlets for superheated and wet steam, each of said chambers being also provided with outlets, a differential cylinder in said casing arranged concentrically of both of said chambers, and a differential piston in said cylinder for controlling the passage of wet and superheated steam through said chambers and casing.

1,623,661. SMOKING APPLIANCE. WALDO C. DODGE, Winthrop, Mass. Filed Jan. 26, 1926. Serial No. 83,806. 4 Claims. (Cl. 131—12.)



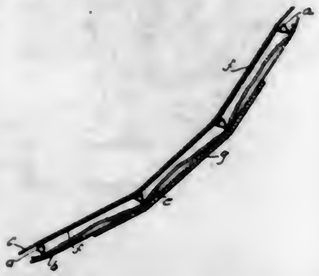
1. A smoking appliance comprising a stem having a longitudinal smoke passage therethrough and a transverse opening communicating therewith, and having on the stem a trap, an air duct leading from the atmosphere to said trap through the upperside wall thereof to ventilate it and permit the escape of gases therefrom.

1,623,662. KNURLING TOOL. GEORGE W. DOVER, Longmeadow, R. I., assignor to The Montgomery Tool and Machinery Company, a Corporation of Rhode Island. Filed Dec. 24, 1924. Serial No. 757,915. 5 Claims. (Cl. 80—5.1.)



1. A knurling tool provided with cooperating rollers having inclined edges, said rollers being provided with teeth extending across said inclined edges and the central portions of the peripheries thereof, whereby the knurling rollers may be set to cut knurls of the desired depth at a single operation.

1,623,663. GAS-CELL PROTECTION FOR AIRSHIPS. LUDWIG DÜRR, Friedrichshafen, Germany, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Filed Sept. 13, 1924, Serial No. 737,593, and in Germany Sept. 25, 1923. 4 Claims. (Cl. 244—3.)



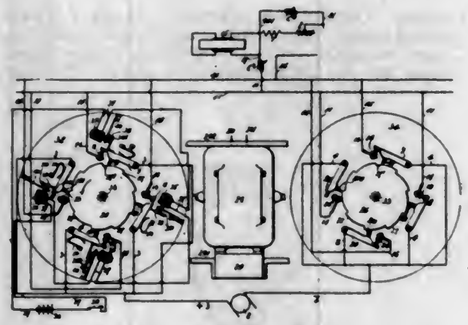
1. An airship comprising an outer cover, a fragile part inside of said cover and spaced apart therefrom, a propeller outside of said cover and a protective layer of sheet-like material arranged between said outer cover and said fragile part and spaced from the latter.

1,623,664. EXPLOSIVE CAP. WILHELM ESCHBACH, Trotsdorf, Germany. Filed Oct. 18, 1924, Serial No. 744,423, and in Germany Apr. 24, 1924. 1 Claim. (Cl. 102—9.)



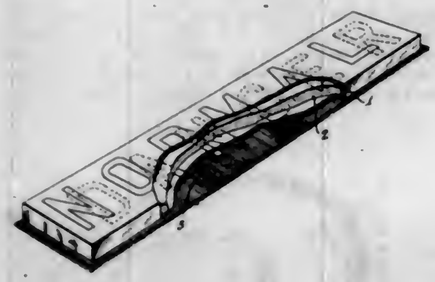
An explosive cap consisting of a single metal tube provided with a narrow bore for receiving a retarding body, an intermediate conical bore for receiving the initial priming composition and a wide cylindrical bore for receiving the secondary charge, the dimensions of said bores being adapted to the quantities of the chargers contained within the cap.

1,623,665. METHOD AND APPARATUS FOR PRODUCING ALTERNATING CURRENTS. RICHARD D. FAY, Nahant, and EZEKIEL WOLF, Boston, Mass., assignors by mesne assignments, to Hammond V. Hayes, trustee, Boston, Mass. Filed Mar. 15, 1922. Serial No. 544,034. 6 Claims. (Cl. 175—364.)



1. In combination, a member adapted to be operated by alternating current and having a lead from each side thereof, a direct current source having a lead from each side thereof, a pole changer comprising a motor, two cams rotated thereby, two groups of switch arms, one group being connected to the positive lead from said source and the other to the negative lead, one group being located to be operated by each of said cams, and a series of contacts, each contact being adapted to be engaged by one of said switch arms, certain of said contacts being connected to one side of said member and the rest to the other side of said member, each cam being shaped to allow one switch arm of each group at a time to engage its contact and said cams being arranged whereby both cams will operate one switch arm of both groups simultaneously.

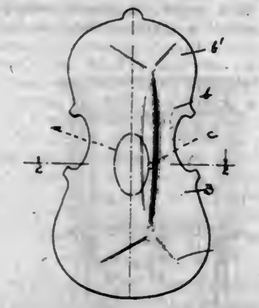
1,623,666. TEMPERATURE-INDICATING MEANS. KARL A. FERKEL, Los Angeles, Calif. Filed Aug. 10, 1926. Serial No. 128,430. 6 Claims. (Cl. 116—114.)



4. Temperature indicating means, including a container, having transparent walls, an element outside of said container so placed as to be visible through said walls, a substance placed in said container and normally opaque, said substance being adapted to be rendered transparent under heat, whereby to expose to view said element.

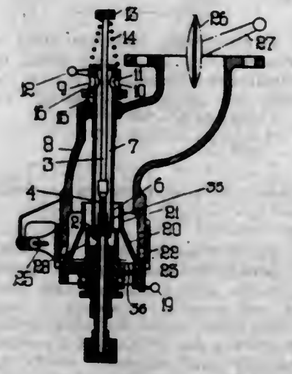
1,623,667. STRING MUSICAL INSTRUMENT. HERMANN FISCHER, New York, N. Y. Filed July 28, 1925. Serial No. 46,549. 2 Claims. (Cl. 84—275.)

1. A string instrument comprising a back, a face, a string support, and connecting means for the said elements, the back having a thickened area disposed to one side only of its longitudinal axis, said area being



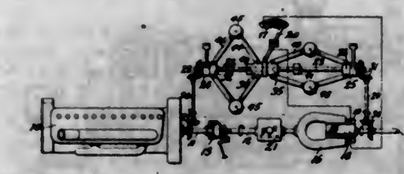
relatively narrow and long, and extending parallel with said longitudinal axis both above and below the string support, as and for the purpose set forth.

1,623,668. CARBURETOR. JOHN WILLIAM FISHER, Blackpool, England. Filed July 17, 1924. Serial No. 726,542. 3 Claims. (Cl. 261—63.)



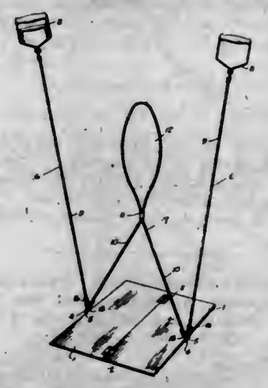
1. A carburetor for internal combustion engines comprising a fuel jet, a passage for an air supply moving in a diametrically opposite direction to the fuel supply, ports and a passage for a second air supply moving parallel with the fuel supply, and ports and a passage for a third supply of air substantially adjacent the ports for the second supply of air.

1,623,669. MAGNET-POWER-TRANSMISSION GEARING. JOHN G. FRANK, Buffalo, N. Y. Filed Apr. 1, 1925. Serial No. 19,828. 4 Claims. (Cl. 172—239.)



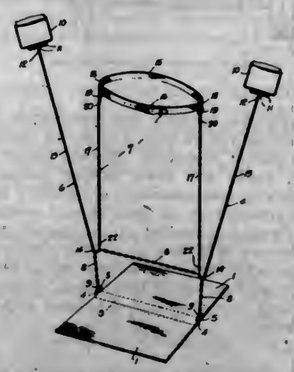
1. A magnetic driving mechanism comprising a main driving shaft, a main driven shaft, a magnetic coupling interposed between said driving and driven shafts including a field magnet operatively connected with said driving shaft and an armature operatively connected with said driven shaft, means for automatically controlling the picking up effect of said field magnet on said armature including a driving controller shaft operatively connected with the main driving shaft and a driven controller shaft operatively connected with said main driven shaft, a driving governor member mounted on said driving controller shaft and movable radially outward relatively thereto under centrifugal force, a driven governor member mounted on said driven controller shaft and movable radially outward relative thereto under centrifugal force and operatively connected with said driven governor member, a variable resistance, connected with the brushes of said armature, and means for varying said resistance by motion derived from said governor members.

1,623,670. EXERCISING APPARATUS. LEO FRANKENFELD, Hoboken, N. J. Filed May 25, 1923. Serial No. 641,301. 7 Claims. (Cl. 272—82.)



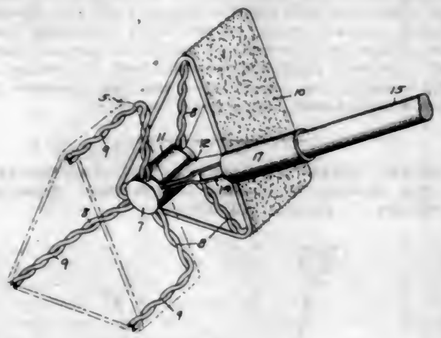
1. Exercising apparatus, comprising in combination, a base member adapted to lie flat upon the floor, and a plurality of independently extensible exercising devices attached at the ends thereof to said base member and having individual manipulating means at the free ends thereof, one of said devices comprising an elastic element attached at its ends to said base member and formed to provide a loop intermediate said ends for manipulating said element.

1,623,671. EXERCISING APPARATUS. LEO FRANKENFELD, Hoboken, N. J. Filed May 14, 1925. Serial No. 30,159. 12 Claims. (Cl. 272—80.)



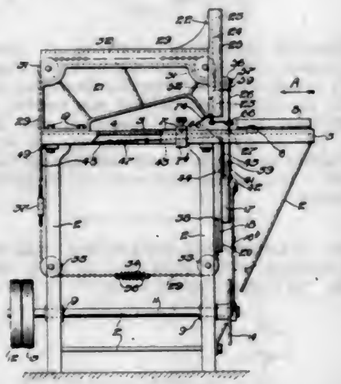
3. Exercising apparatus, comprising in combination, a base member adapted to rest upon the floor, a flexible connecting element connected at opposite ends thereof to opposite sides of said base member, and of greater length than the width of said member, and a plurality of independent exercising devices connected to said flexible connecting element.

1,623,672. MOP. GEORGE GOULD, Olney, Ill. Filed Aug. 24, 1926. Serial No. 131,257. 2 Claims. (Cl. 15—228.)



1. In a mop of the character described, a central hub, frames having arms attached to the ends of the central hub and extending radially therefrom, fibrous absorbent material carried by said frames, a sleeve rotatably receiving the hub, and a handle carrying the sleeve.

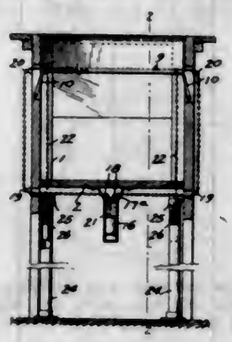
1,623,673. JIG-SAW MACHINE. FRANK EDWIN GROSE, Coburg, Victoria, Australia. Filed Feb. 26, 1924, Serial No. 695,316, and in Australia Feb. 26, 1923. 5 Claims. (Cl. 29—74.)



1. In a jig saw machine, the combination of a framework supporting a work table and having upper and lower vertically aligned slideways disposed above and below said table, upper and lower sliding members adapted to reciprocate in said slideways, a vertically reciprocating saw blade attached at its ends to said sliding members, a flexible element connected at its opposite ends to said sliding members, said element passing over guide pulleys and moving with the reciprocating blade, and an apron extending over the top of said lower slideway to cover the same and connected to reciprocate with said lower sliding member.

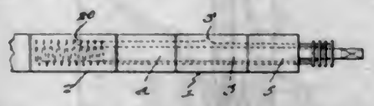
1,623,674. CASHIER'S ROBBERY PROTECTOR. HENRY HAGENSTEDT, Chicago, Ill. Filed Apr. 8, 1926. Serial No. 100,741. 2 Claims. (Cl. 268—2.)

1. A device of the character described comprising a frame, a closure carried thereby and consisting of a plurality of independent sections slidably mounted in said frame and having interlocking portions, a latch normally holding said closure in open position, flexible members connected to one of the closure sections adjacent the ends thereof, said flexible members having their lower ends provided with evenly balanced weights, separate barrels receiving said weights and portions of said flexi-



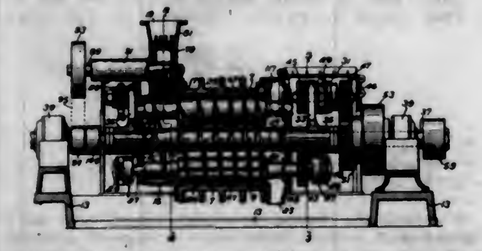
ble members, and springs in said barrels and adapted to urge said weights downwardly upon the release of said latch whereby to forcibly advance said closure to its closed position.

1,623,675. DEVICE FOR DETERMINING MOISTURE PERCENTAGE IN A WEB AND ROLL CONSTRUCTION THEREFOR. ARTHUR R. HARVEY, Middletown, Ohio. Filed Sept. 4, 1924. Serial No. 735,921. 10 Claims. (Cl. 73—51.)



1. In combination, an indicator, an operating means therefor comprising a rotatable element adapted for contact and rotation with a movable web, heating means mounted in said element for heating a portion of the web, heat responsive means mounted in said element for contact with the web at the heated portion and at an unheated portion and, responsive to the difference in temperature of the web at the points of contact, and means operatively connecting the heat responsive means with the indicator for operating said indicator to register the percentage of moisture in the web.

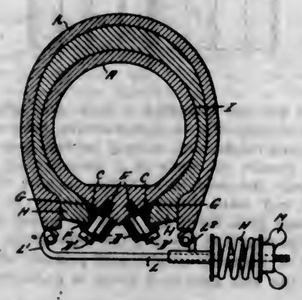
1,623,676. METHOD OF AND APPARATUS FOR WORKING PAPER STOCK. ANTON J. HAUG, Nashua, N. H. Filed Aug. 18, 1924. Serial No. 732,842. 27 Claims. (Cl. 92—20.)



1. In a machine for working paper stock or the like, the combination with a cylindrical container having a stock inlet and a stock outlet, of means for advancing the stock from the inlet to the outlet, a plurality of rolls extending longitudinally through the cylinder and adapted to engage the material on the inner surface thereof, a main driving shaft extending through the cylinder, roll

carrying devices at opposite ends of the cylinder comprising members secured to the shaft and rotatable therewith, roll carrying arms in which said rolls are journaled pivoted on said members in eccentric relation to the shaft whereby rotation thereof tends through swinging movement of the arms to move the rolls automatically toward the inner surface of the cylinder, and means for positively turning the rolls comprising a driven gear in each roll, an intermediate driving gear concentric with the axis of an arm, a sleeve rotatably mounted on the main driving shaft with means for driving the same, a driving gear carried by the sleeve, a driven gear mounted on the arm and meshing with said sleeve-carried driving gear and connected to turn the arm-carried driving gear, and means for varying the rate of rotation of the sleeve.

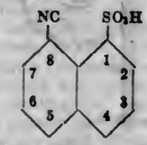
1,623,677. VULCANIZING APPARATUS. JAMES C. HEINTZ, Lakewood, Ohio. Filed July 13, 1925. Serial No. 43,141. 5 Claims. (Cl. 18—18.)



2. In a device of the kind described, a hollow arcuate shaped core having angularly disposed surfaces along its inner side and adjustable blocks connected to said surfaces, said blocks or shoes being shaped for engagement with the beads of a tire casing arranged upon the core.

1,623,678. PROCESS FOR PRODUCING 1.8-HYDROXYNAPHTHOIC ACID. RICHARD HERZ and FRITZ SCHULTE, Frankfort-on-the-Main, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed July 12, 1926, Serial No. 122,029, and in Germany Nov. 29, 1924. 7 Claims. (Cl. 260—110.)

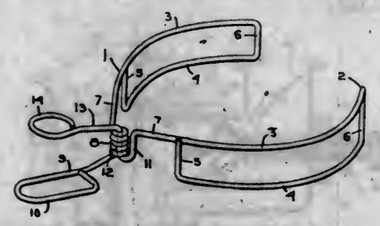
1. A new process for producing 1.8-hydroxynaphthoic acid which comprises treating 8-cyannaphthalene-1-sulfonic acid of the formula:



with an acid saponifying agent, treating the product thus obtained with a caustic alkali at an elevated temperature and isolating the formed 1.8-hydroxynaphthoic acid by acidifying the fusion mass.

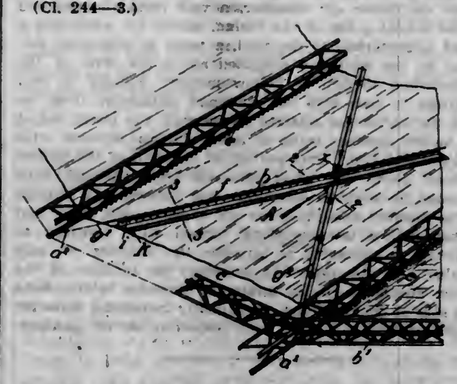
1,623,679. HOT-DISH LIFTER. GRACE B. HOSLER, Reedsburg, Wis. Filed Apr. 9, 1925. Serial No. 21,831. 1 Claim. (Cl. 294—28.)

A hot dish holder comprising two jaws each having an upper lifting bar and a lower lifting bar, the lower lifting bar being connected at each end to the upper lifting bar, the upper bar of one jaw extending beyond the corresponding lower bar and being formed into a coil which extends at right angles to the upper bar, the lower turn of the coil having rigid therewith a loop handle and the upper bar of the other jaw being extended beyond the corresponding lower bar and the extended portion being bent downwardly at right angles to the upper bar and then being bent upwardly to form a U-shaped portion,



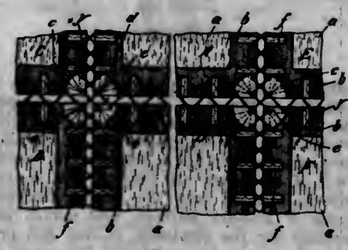
said upwardly bent portion extending through the coil and having integral with the upper end thereof a horizontally-extending handle portion, said downwardly bent portion being outside of the coil.

1,623,680. OUTER COVER ON RIGID AIRSHIPS. KARL HÜRTTLE, Akron, Ohio, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschraenkter Haftung, Friedrichshafen, Germany. Filed Aug. 12, 1925, Serial No. 49,712, and in Germany Sept. 25, 1924. 4 Claims. (Cl. 244—3.)



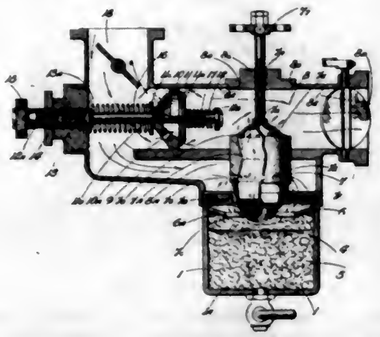
1. A rigid airship comprising a hull; said hull comprising longitudinal members and transverse members; an outer cover stretched over said longitudinal members; said transverse members being distanced from said outer cover; and connecting means between said transverse members and said outer cover.

1,623,681. OUTER COVER OF RIGID AIRSHIPS. KARL HÜRTTLE, Akron, Ohio, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschraenkter Haftung, Friedrichshafen, Bodensee, Germany. Filed Sept. 12, 1925, Serial No. 55,904, and in Germany Sept. 18, 1924. 15 Claims. (Cl. 244—3.)



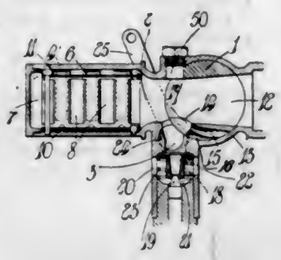
1. A piece of outer cover for a rigid airship comprising an inner main portion of light fabric and a stronger edge strip surrounding said main portion.

1,623,682. CARBURETOR. JOHN ALFRED JACKSON and PATRICK SWANSON, Invercargill, New Zealand. Filed Sept. 18, 1920. Serial No. 411,102. 2 Claims. (Cl. 261—107.)



2. A carburetor comprising a casing formed with an air inlet and with a partition dividing the casing into an upper and lower air chamber, a well removably secured at the lowest point of the casing, means for admitting a liquid hydrocarbon to the well, a mass of absorbent material in the well and extended above the level of the hydrocarbon therein, a hollow member slidable in said partition in line with the well and adjustable from beyond the carburetor relative to the well, the lower end of the hollow member being of mesh material covered with an absorbent layer, that portion of the wall of the hollow member above the mesh material being formed with openings to establish communication between the interior of the member and the lower air chamber, the upper end of the hollow member being formed with openings to establish communication between the interior of said member and the upper air chamber, the interior of the hollow member being of minimum diameter intermediate said sets of openings and of gradually increasing diameter in both directions toward each respective set of openings.

1,623,683. CARBURETOR. JOHN T. JENNINGS, Birmingham, England. Filed Dec. 4, 1922, Serial No. 604,903, and in Great Britain Mar. 17, 1922. 1 Claim. (Cl. 261—43.)



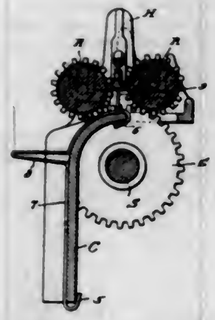
A carburetor for supplying an explosive mixture which varies in quality as the speed of the engine changes and also as the throttle restriction is altered, comprising a mixing chamber, said chamber having an opening for the entrance of secondary air, a loaded valve controlling the entrance of secondary air through said opening, a branch passage opening into the mixing chamber for the admission of primary mixture, said branch passage having openings for the admission of fuel and primary air, and throttle means for restricting the outlet of the mixing chamber and also the branch passage at a point between its fuel inlet and said mixing chamber simultaneously by a single controlling operation, there being no restriction between the junction of said branch passage with the mixing chamber and the loaded valve, whereby the loaded valve responds consistently to changes of engine speed at all working throttle positions to provide additional air with an increase of engine speed, and an increase in the proportion of fuel in the mixture admitted is provided by the opening of the throttle.

1,623,684. HAIRPIN BOX. VERNON A. JOY, New York, N. Y. Filed Jan. 2, 1924. Serial No. 683,852. 4 Claims. (Cl. 206—66.)



2. A hair pin box including a back, and side and end walls, and a plurality of substantially tubular pockets secured to said back, each of said pockets being of such size as to receive the ends of a plurality of hair pins and to engage the sides of said pins to hold the pins in place, said end walls being so spaced as to engage a group of hair pins when the same is moved lengthwise out of said pockets and prevent the sides of the pins from moving out of engagement with said pockets, whereby the removal of the hair pins as a group is prevented.

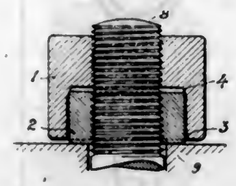
1,623,685. ATTACHMENT FOR SILK DOUBLING AND TWISTING MACHINES. MARTIN KIEFFER, Olean, N. Y. Filed June 16, 1926. Serial No. 116,429. 3 Claims. (Cl. 117—21.)



1. An attachment of the class described formed from a single strand of wire bent at its ends to provide hooks for engaging over the upper and lower edges of the gear casing of a silk doubling and twisting machine, and the intermediate portion thereof being bent outwardly to form a stop.

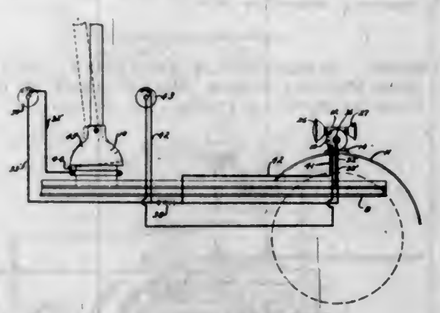
1,623,686. SELF-LOCKING NUT. HELGE GUSTAF LUDVIG KOLTHOFF, Vanersborg, Sweden. Filed June 6, 1925. Serial No. 35,379, and in Sweden Oct. 26, 1922. 1 Claim. (Cl. 151—19.)

A self-locking nut including in combination a threaded bolt, two undivided inner and outer nut members for engagement with the bolt, one of said members being provided with a recess for slidably accommodating the other member, a deformable bearing part on one of said members for holding the last mentioned member in such position that it normally extends a short distance outside the outer member, a projection on the engaging side wall of one of said members, the engaging side wall of the other of said members having a recess for normally accommodating the projection, said projection and the last mentioned recess together with the said deformable bearing part at the tightening of the nut causing the



inner member to accompany the outer member until the inner member has been forced against the piece to be fastened and stopped while further tightening causes the projection to leave the recess and contact with the engaging wall of the adjacent member to lock the members to each other and the pressure between the members, resulting from the deformable part effects an increased pressure between the screw-threads of the members and those of the bolt.

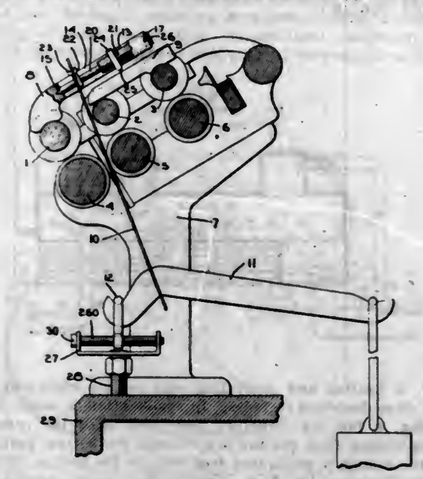
1,623,687. MOTOR-VEHICLE LAMP. GEORGE Y. LAUCHIN, Green Bay, Wis. Filed May 17, 1924. Serial No. 714,064. 5 Claims. (Cl. 240—8.2.)



5. A motor vehicle lamp, comprising a casing, oppositely extending lamp sockets tiltably connected to the casing, lamps carried by the sockets and one of said lamps being removable for use around the vehicle, a drum journaled in the casing and having an axial contact and a ring contact, yielding pin contacts carried by the casing which are engaged by the drum contacts, manual means for rotating the drum, means for locking the drum in adjusted position, electric circuit cord connected to the axial contact and the ring contact and wound on the drum and connected to the removable lamp to transmit current thereto, circuit wires for connection with the casing contacts and a shiftable portion of a vehicle, a switch controlling the circuit to one of the lamps, a switch controlling the circuit to the removable lamp, and means for securing the removable lamp in the socket member.

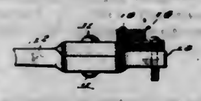
1,623,688. TOP-ROLL SADDLE. THOMAS W. LAWTON, Taunton, Mass. Filed Nov. 20, 1925. Serial No. 70,433. 8 Claims. (Cl. 19—137.)

1. In a top roll saddle, the combination with a rear saddle member adapted to rest on the rear and middle top rolls, of a front saddle member adapted to rest on the front top roll and on the rear saddle member, a weighted stirrup hung from the front saddle member and means operative while the weight is applied to the



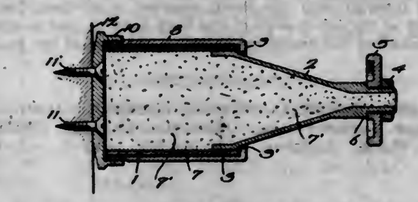
middle and rear top rolls to vary the distribution of the weight on said top rolls without changing the amount of weight distributed to the front top roll.

1,623,689. TOOL. SEBERT A. LIND, Alameda, Calif. Filed May 12, 1924. Serial No. 712,618. 2 Claims. (Cl. 81—5.1.)



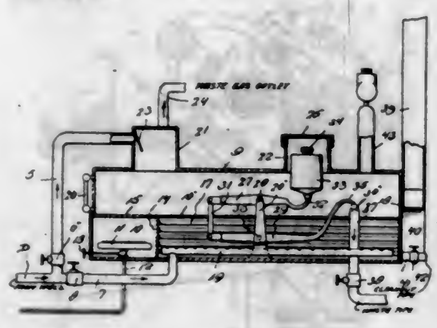
1. A tool for use in severing screws, bolts or the like comprising a pair of jaws having complementary thread engaging faces designed to grip the threads of the screw or bolt, and a device cooperable with the jaws for preventing axial movement of the screw, bolt or the like, said device comprising a plurality of pivoted plates having openings designed to receive a screw, bolt or the like.

1,623,690. DISPENSING DEVICE. ROBERT H. LITTLE, Ritta, Fla. Filed Oct. 13, 1926. Serial No. 142,130. 4 Claims. (Cl. 221—79.)



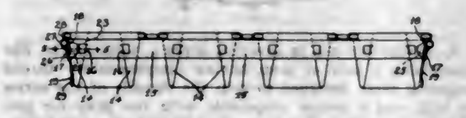
1. A dispenser including an interiorly threaded hollow cylindrical shell open at both ends; a nozzle exteriorly threaded at its rear end, the threads upon said shell and nozzle meshing, the threads upon the shell being continued to enable the rear end of the nozzle to be moved toward the rear end of the shell; a clamping sleeve surrounding the shell and spaced apart therefrom to permit a wall of a container to be received between the shell and sleeve and formed, at its forward end, to engage a forward end portion of the shell and exteriorly threaded at its rear end; and an interiorly threaded cup whose threads mesh with the threads upon the clamping sleeve.

1,623,691. OIL-SEPARATING APPARATUS. WILLIAM M. LITTLE and JESSIE L. SHERMAN, Norphlet, Ark. Filed Dec. 5, 1925. Serial No. 73,493. 6 Claims. (Cl. 196—5.)



1. A heating and separating unit for an apparatus of the class described including, in combination, a boiler like casing, a fire box structure associated with the casing, flues leading from the fire box through the bottom portion of the casing, a perforated feed tube in the bottom of the casing between the flues, a perforated crown sheet over the flues, a standard rising in the casing, a waste pipe extending into the casing, a rocker pivoted on the standard and having a valve closable over the waste pipe, and float means for operating the rocker.

1,623,692. BAKING PAN. HARRY A. LOCKWOOD, Cincinnati, Ohio, assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio, a Corporation of Ohio. Filed May 29, 1925. Serial No. 33,814. 7 Claims. (Cl. 53—6.)



1. In a device of the class described, the combination with a baker's bread baking pan comprising a side having a lip at the upper edge thereof, of a protecting shield comprising a body portion having an upper and lower edge, a shock absorber formed at the upper edge of the body portion and adjacent the lip, the shock absorber extending beyond the edge of the lip formed on the pan, an apron integral with the shock absorber, a resilient bead formed at the lower edge of the body portion, and means for mounting the protecting shield on the side of the pan.

1,623,693. INTERCHANGEABLE EMBLEM. HARRY C. LOGAN, Portland, Oreg. Filed Mar. 19, 1926. Serial No. 95,965. 5 Claims. (Cl. 40—1.6.)



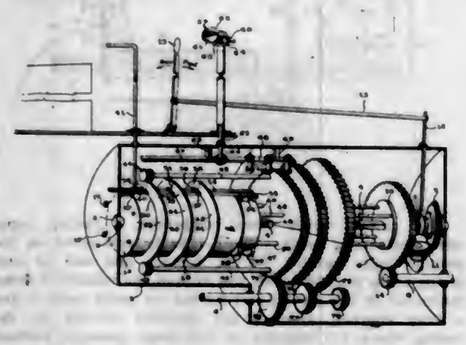
1. An interchangeable emblem comprising a body member having anchoring elements upon its opposite sides, and emblem members interchangeably connectable with said elements.

1,623,694. CONDUCTOR SUPPORT. SAMUEL S. MATTHEWS, Mansfield, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a Corporation of New Jersey. Filed Dec. 23, 1924. Serial No. 757,641. 3 Claims. (Cl. 191—40.)



1. A trolley wire support comprising a pair of clamping jaws to grip a trolley wire, a support for the jaws and means to hold the jaws in clamping engagement with the wire, the said means comprising a transversely applied bolt and nut having the engaging faces of the bolt and nut contact with a curved surface on the clamping jaws to permit the jaws to be adjusted to different sizes of trolley wire without materially affecting the contact between the holding means and the jaws, and supporting means for the jaws comprising a member having a loop interlocked with the transverse holding means and a straight portion interlocked with the jaws and a loop to engage a supporting wire.

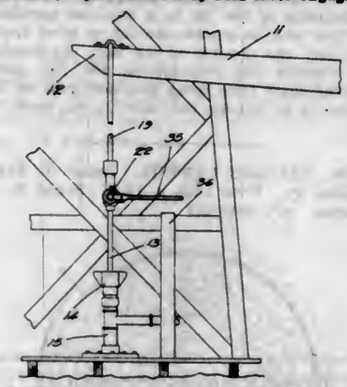
1,623,695. SPEED-CHANGE MECHANISM. WILLIAM MINOR MITCHELL, Grenada, Miss. Filed Sept. 17, 1925. Serial No. 56,971. 12 Claims. (Cl. 74—58.)



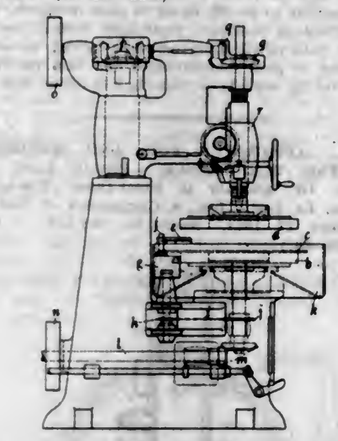
3. Speed change mechanism comprising a continuously driven countershaft, a transmission shaft with pinions to be driven, split gears constituting blocks carried by the countershaft, supports carrying rollers extending from each of the blocks, and tracks upon which the rollers run thereby to hold the gear blocks in predetermined relationship with said pinions.

1,623,696. SUCKER-ROD TWISTER. BENNIE CLAUD NUGENT, Taft, Calif. Filed May 22, 1924. Serial No. 715,243. 2 Claims. (Cl. 255—14.)

1. A sucker rod rotor comprising: a polish rod; a bearing on which said polish rod is suspended and retained against longitudinal movement relative to the bearing; means for suspending said bearing from the walking beam of a derrick; a bevel gear fixed to said polish rod; a bevel pinion supported on said bearing and meshing with said bevel gear; a lever turning about the same axis as said pinion; a pawl carried by said lever engaging said pinion; and a post so fixed as to be struck by said lever as said bearing, is reciprocated and thus actuate said lever, said post being adapted to engage and swing said lever at the lower end of reciprocation of said bearing.



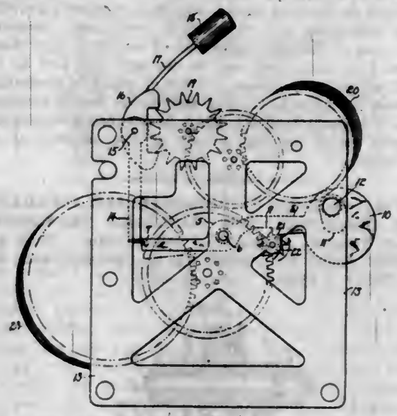
1,623,697. LAPPING MACHINE. WILLIAM ARTHUR OUSBRIDGE, Coventry, England. Filed Aug. 31, 1925, Serial No. 53,679, and in Great Britain Sept. 9, 1924. 1 Claim. (Cl. 51—111.)



In lapping machines of the character described, the combination of a pair of rotary laps, a tank surrounding the spindle of the lower lap and projecting above the lower lap, a plate-like work holder located between the laps, a pair of vertical shafts journalled exteriorly of the tank, adjustable cranks on the upper ends of the shafts and operably connected with the work holder so as to support the same, and means operating about the spindle of the lower lap and the shafts for rotating the shafts to consequently effect orbital movement of the work holder.

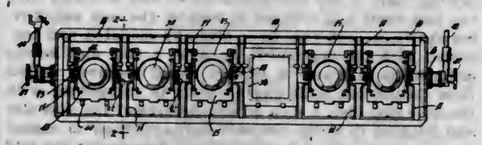
1,623,698. INTERMITTENT-ALARM CLOCK. WILSON E. PORTER, New Haven, Conn., assignor to The New Haven Clock Co., New Haven, Conn., a Corporation. Filed Dec. 26, 1925. Serial No. 77,745. 1 Claim. (Cl. 58—18.)

In an intermittent alarm clock, the combination with the front and rear movement-plates thereof, of a time-train installed in the said plates and having a continuously-rotated intermittent alarm-wheel located between the said plates, an alarm-train also installed in the said plates and having a vibrating stop-member, and a horizontally-arranged oscillating intermittent alarm-lever located between the said plates, pivoted between its ends,



and formed on one side of its pivot with a stop-arm co-acting with the vibrating stop-member of the alarm-train and provided on the other side of its pivot and in its lower edge with a clearance-notch co-acting with the teeth of the said intermittent alarm-wheel and also provided with a counterweight having a clearance-opening through which one of the pillars of the movement passes.

1,623,699. LANTERN. WILLIAM E. PRICE, Hartsdale, N. Y. Filed Oct. 31, 1922. Serial No. 598,082. 4 Claims. (Cl. 240—8.)



1. A rectangular main frame for supporting a series of illuminating lanterns, a rectangular secondary frame for each lantern fitted into the main frame and pivoted for adjustment about a vertical axis, indented portions on opposite sides of said secondary frame for allowing the adjustment of said lantern about a horizontal axis therebetween, and set screws passing through the indented portions removably engaging the sides of said lanterns and pivotally supporting same.

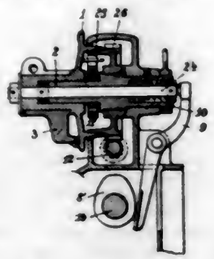
1,623,700. ELECTRIC LIGHTING APPARATUS FOR MOTOR VEHICLES. HARRY CUMPSTY PROCTER, Manchester, England. Filed Sept. 16, 1926, Serial No. 135,905, and in Great Britain May 26, 1925. 1 Claim. (Cl. 177—311.)



An electric lighting apparatus of the specified kind, comprising an insulating base having an insulating projection, a lamp holder containing a spare rear light bulb

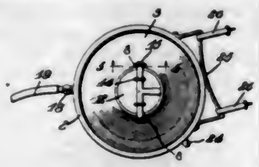
and mounted on the said projection, a coil wound on a bobbin and attached to the said base, a core in the said bobbin, an armature mounted on a spring arranged in direct electric contact with the exterior of the lamp holder, a bracket mounted on the base and carrying a contact screw against which the armature bears under the action of the said spring, and four terminals provided on the said base, one of which is electrically connected to one end of the coil, a second of which is electrically connected to the other end of the said coil and to one contact of the lamp holder, a third of which is electrically connected to the said bracket and to the fourth terminal, the second contact of the lamp holder being electrically connected to or forming a part of the exterior of the lamp holder.

1,623,701. FEEDING AND DISCHARGING APPARATUS FOR MACHINES FOR MATERIAL TREATMENT. JOSEF PROKOP, Pardubice, Czechoslovakia. Filed Apr. 3, 1925, Serial No. 20,496, and in Czechoslovakia Apr. 17, 1924. 3 Claims. (Cl. 83—30.)



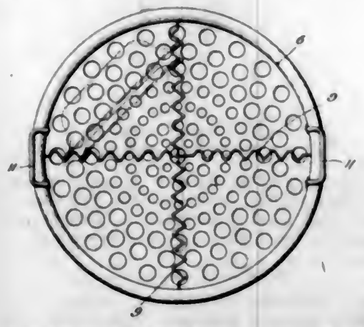
1. For machines for material treatment, feeding and discharging apparatus comprising an inlet and an outlet for the material, a cam shaft, cams on the said shaft adapted to open and close the said inlet and outlet, a driving shaft, a dog clutch slidable on and rotatable with the cam shaft and adapted to connect the cam and driving shafts, a bent arm lever pivotally mounted and connected with the dog clutch, an axle, a stop disc loosely mounted on said axle, a friction clutch positively driven from the driving shaft and normally in engagement with the said stop disc, a stop adjustable around the said disc and adapted to strike the said bent arm lever to engage the dog clutch means for periodically disengaging the said stop disc and friction clutch, a spring acting on the stop disc in a direction opposite to the drive of the said friction clutch, a stop fixed on the said stop disc, a buffer on a fixed part of the machine against which the said fixed stop impacts, and means for periodically disengaging the cam and driving shafts.

1,623,702. SPRAYING MACHINE. PHILIP W. RAMER, River Falls, Wis. Filed Nov. 9, 1922. Serial No. 599,856. 1 Claim. (Cl. 220—57.)



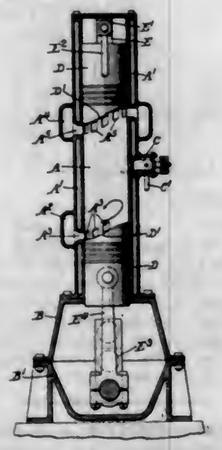
In a device of the class described, a tank comprising a head carrying a ring provided with a flange, hook-shaped bearings on the head in close relation to the ring, a lid within the ring, spaced bearings rigidly mounted on the lid, a shaft having its ends mounted removably for rocking movement in the hook-shaped bearings of the head, the intermediate portion of the shaft being permanently retained for rocking movement in the bearings of the lid, a cam on the shaft, a handle on the shaft and constituting means for rocking the shaft to cause the cam to bear directly on the lid and to move the lid toward the flange, the shaft having a slight movement in the bearings of the lid, in a direction parallel to the axis of the tank, to permit the lid to move toward the flange, under the impulse of the cam, the handle being located between the bearings on the lid, thereby to prevent the shaft from being detached from the bearings on the lid, by an endwise movement of the shaft.

1,623,703. KITCHEN UTENSIL. ISRAEL P. RUFF, Connellsville, Pa. Filed June 2, 1925. Serial No. 34,368. 2 Claims. (Cl. 141—9.)



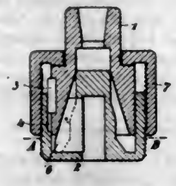
1. In a device of the character described, an outer receptacle and an inner receptacle said inner receptacle having openings to permit fluids to pass thereinto, removable partitioning members positioned within the inner receptacle, said partitioning members having openings to permit fluid to pass therethrough, and said partitioning members having vertical corrugations to define dish racks.

1,623,704. APPARATUS FOR AND METHOD OF CREATING TURBULENCE. PHILIP LANE SCOTT, Chicago, Ill., assignor to Super-Diesel Tractor Corporation, La Porte, Ind., a Corporation of New York. Filed Sept. 17, 1921. Serial No. 501,498. 7 Claims. (Cl. 123—51.)



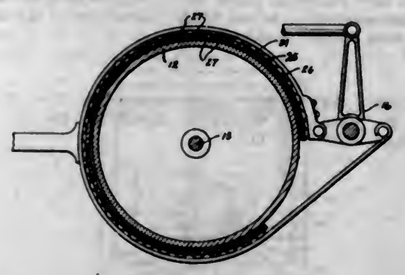
1. In a double piston internal combustion engine a cylinder and means for setting up within the cylinder of such engine a current of air to cause turbulence of the contents of the cylinder, said means including a pair of oppositely reciprocating, similarly shaped, curved piston heads, said heads free from obstructions and being curved across their entire inner face, one of said pistons, with regard to the form of the head, being rotated through an angle of 180° with relation to the other.

1,623,705. CHUCK. HARRY SAUVEUR, Berlin-Lankwitz, Germany, assignor to the Firm: Flexo-Industrie-Gesellschaft m. b. H., Vienna, Austria. Filed May 7, 1925, Serial No. 28,656, and in Germany May 19, 1924. 1 Claim. (Cl. 279—59.)



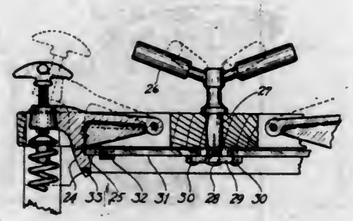
In a bore chuck, the combination of a chuck body, said body being provided with an upwardly tapering axial bore, and with an external shoulder adjacent the upper end of said bore, a central part projecting upwardly into said bore and capable of longitudinal movement therein, said central part being provided at its lower end with an upturned flange, the same surrounding and fitting the lower part of the chuck body, means for preventing the central part from revolving relative to the chuck body, said central part being provided with a central bore and with radial slots opening through the wall thereof into said central bore, said slots being closed at top and bottom, a plurality of jaws each snugly and slidably fitting said slots, and being guided for radial movement therein, the outer edge of said jaws being inclined to the axis of the bore chuck at the same angle as the inner wall of the upwardly tapering axial bore of the chuck body, a cap nut open at the bottom screwable upon the flange of said central part, said nut having an upturned flange at its upper end surrounding said chuck body and engaging the external shoulder thereupon, whereby, by rotation of said cap nut said central portion may be caused to reciprocate within said chuck body for actuating said jaws.

1,623,706. BRAKE OR CLUTCH. CHARLES D. SCHMIDT, Jamaica, N. Y. Original application filed May 16, 1922, Serial No. 561,350. Divided and this application filed Apr. 10, 1924. Serial No. 705,479. 8 Claims. (Cl. 188—264.)



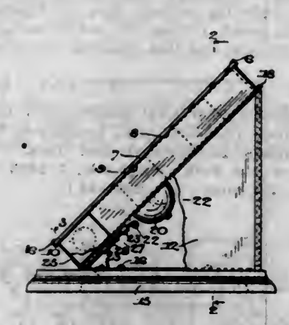
4. In a brake or clutch having braking surfaces of generally circular form the combination with a lining, of a supporting means therefor concentrating the supporting pressure at intervals while preserving the arcuate form of the braking surface of the lining so that the lining will adapt itself more readily to the circular formation of the drum, said supporting means comprising a supporting member and a corrugated strip of metal between the supporting member and the lining and in contact with said lining.

1,623,707. SAFETY-WRINGER MECHANISM. SIMON E. SCHROEDER, Oak Park, Ill. Filed July 24, 1922. Serial No. 576,973. 5 Claims. (Cl. 68—32.)



4. In a wringer, in combination, a frame, stationary and movable wringer rolls therein, spring members for pressing the movable roll against the stationary roll, members pivoted to the frame, each provided with a hooked portion, screw members positioned to engage the spring members and supported in the pivoted members, locking arms slidably supported on the frame and engageable with the hooked portions of the pivoted members, and means for shifting the locking arms into engagement with or disengagement from the pivoted members.

1,623,708. DISPENSING DEVICE. JOHN J. SEELMAN, Milwaukee, Wis. Filed Sept. 12, 1923. Serial No. 662,264. 3 Claims. (Cl. 211—8.)

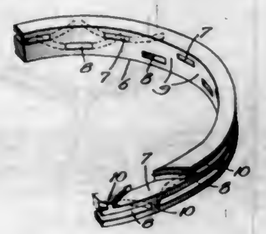


1. In a dispensing apparatus having a holder in which articles are urged towards dispensing position and removable therefrom one by one, an audible signalling mechanism, and a movable member controlling said signalling mechanism and engageable by the article in dispensing position to hold said member against signal-operating movement, whereby the removal of said article will release said member to cause actuation of said signalling mechanism and the movement of the succeeding article to dispensing position will reset said movable member.

1,623,709. METHOD OF DYEING TEXTILE MATERIALS. HARRY B. SMITH, Albany, N. Y. Filed Aug. 29, 1923. Serial No. 660,046. 20 Claims. (Cl. 8—5.)

1. The process of producing a variegated effect in cotton having portions of varying hardness which comprises treating the cotton in a bath to which have been added a cotton dye and an assistant to accelerate the deposition of the color on the soft parts of the cotton and to substantially exhaust the bath before substantial deposition of the color on the hard parts of the cotton can take place.

1,623,710. PISTON RING. DANIEL C. TRENTON, Tipton, Ind. Filed Feb. 25, 1926. Serial No. 90,560. 1 Claim. (Cl. 74—109.)

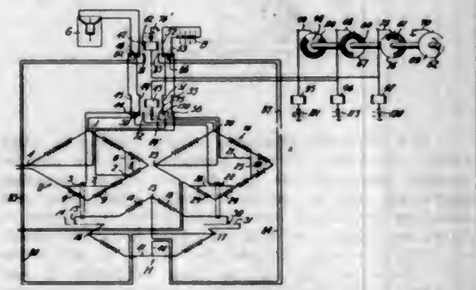


A piston ring having two parallel series of contiguous and disconnected channels that are elongated and distributed circumferentially of and pass through the ring, the channels of each set being in staggered relation to the channels of the other, the end walls of each channel of one set converging inwardly and crossing the adjacent end walls of two contiguous channels in the other set, thereby to provide a plurality of spaced solid bridge portions extending from end to end of the ring parallel to the axis of the latter.

1,623,711. METHOD OF TREATING REFLECTORS FOR HEADLIGHTS, ETC. JOHN W. TRIMMER, Cleveland, Ohio. Filed Dec. 24, 1925. Serial No. 77,514. 2 Claims. (Cl. 91—68.2.)

1. The method of treating reflectors comprising polishing the entire reflecting surface, then sandblasting the lower half, then nickel plating the entire surface, then silver plating the same and then polishing the upper half.

1,623,712. REGULATING AND RECORDING DEVICE. ERNEST B. WOOD, Chatham, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 3, 1923. Serial No. 672,454. 5 Claims. (Cl. 236—44.)



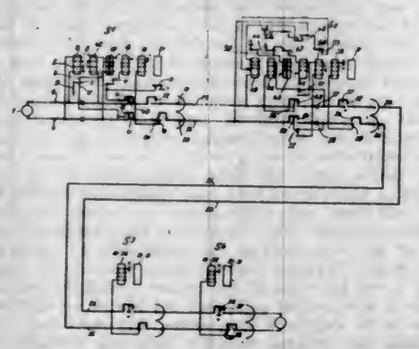
1. A system for regulating the temperature of the air within an enclosure comprising an air conditioning chamber, means for circulating air from said enclosure through said chamber, means for heating the air as it passes through said chamber, means for cooling the air as it passes through said chamber, and means responsive to the temperature in said enclosure to set in operation said cooling means when the temperature in said enclosure is above a predetermined value and to set in operation said heating means when the temperature in said enclosure is below a predetermined value, said means responsive to the temperature being dependent for its operation upon an element having an electrical characteristic variable with temperature.

1,623,713. GUARD-RAIL STRUCTURE. CHARLES D. YOUNG, Philadelphia, Pa., assignor to Q & C Company, New York, N. Y., a Corporation of Maine. Filed May 15, 1924. Serial No. 713,392. 3 Claims. (Cl. 238—19.)



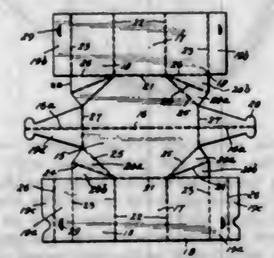
1. As a new article of manufacture a rolled steel guard rail section having head, web and base portions, said base portion having a horizontal flange extension bent inwardly into horizontal position to underlie the guard rail section and at its outer end to provide a base support for the track rail, substantially as described.

1,623,714. SYSTEM FOR TRANSMITTING ELECTRICAL IMPULSES. ANTOINE BARNAY, Paris, France. Filed June 4, 1925, Serial No. 34,992, and in France June 11, 1924. 23 Claims. (Cl. 179—18.)



1. In an automatic telephone system, a calling line, an impulse sending device in the circuit of the said line, a line relay, serially related selector switches connected by two conductor trunk lines, a magnet in each selector for controlling the setting of the said selector the circuit of the magnet including a section of one of the conductors of the trunk line, an interrupter actuated by the line relay, and means, including the second conductor of the trunk line, for connecting the said section of the first conductor either to the said interrupter during the selection or to one of the conductors of the calling line at the end of the selection.

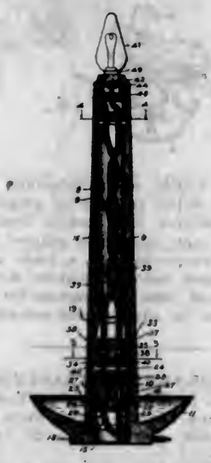
1,623,715. HAT BOX. AARON BERKOWITZ, New York, N. Y. Filed July 22, 1926. Serial No. 124,127. 6 Claims. (Cl. 229—41.)



1. The herein described collapsible box comprising a bottom and side wall portions united to one another, the bottom being of polygonal form, the side walls including

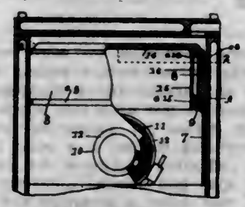
two members hinged directly to the bottom, and other two members of composite nature each including a flap hinged directly to the bottom and swingable from one side of the plane of the bottom in one condition of the box, past the plane of the bottom, and into a position at an angle to the plane aforesaid in another condition of the box, said bottom being foldable upward along its longitudinal center when the box is collapsed and the flaps being at such time folded between the two parts of the bottom.

1,623,716. ELECTRIC CANDLE. FRANK N. BOSS, Cranston, R. I. Filed Apr. 11, 1925. Serial No. 22,282. 1 Claim. (Cl. 173—358.)



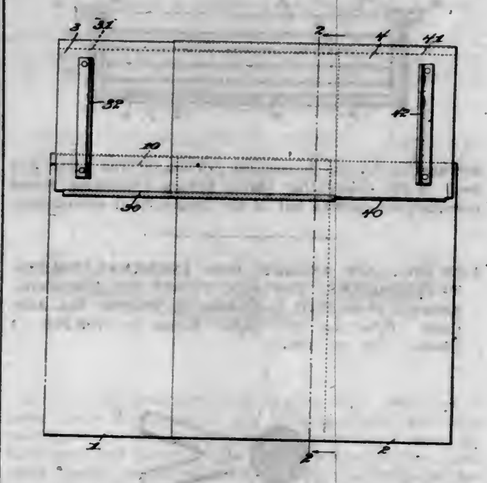
In an article of the character described, a supporting tray having a tubular section rising therefrom, a second tubular section resting upon and supported by the first-named section, an electric light on the upper section, sleeves in the adjacent ends of the sections, a socket member of insulating material engaging the sleeve in the lower section, vertical tubular contacts enclosed in the socket member, an entrant member of insulating material engaging the sleeve in the upper section, depending metallic posts in the entrant member adapted to register in the tubular contacts, and electrically connected with the lamp.

1,623,717. ENGINE PISTON. JOHN H. BURPEE and DAVID B. LAIN, Bellingham, Wash. Filed Sept. 12, 1922. Serial No. 587,695. 8 Claims. (Cl. 74—108.)



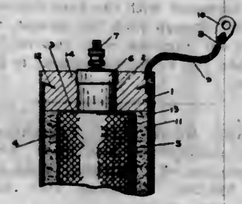
1. In an engine piston in combination, a hollow cylindrical piston body and a piston head hermetically joined to said body between the ends thereof and abutting one of the ends of said body in a slip joint transversely of said body with an annular chamber between the opposite walls of said head and body between said hermetical joint and said slip joint adapted to permit the approach of said walls near said slip joint and said slip joint adapted to transmit heat from said head to said body and permit the movement of said head on said body at said slip joint.

1,623,718. GLASS COVER FOR AUTOMOBILES. LAWRENCE W. COLBY, Methuen, Mass., assignor of one-half to John Norman Anderson, Methuen, Mass. Filed Dec. 1, 1925. Serial No. 72,545. 3 Claims. (Cl. 91—65.)



1. A glass cover for automobiles consisting of a plurality of pieces of sheet metal arranged to overlap each other and cover the glass, having provision for holding them in place on the glass comprising hooks on the upper edges of the upper sheets to hook over the top edge of the glass.

1,623,719. DRY CELL. HAROLD DE OLANETA, New Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn. Filed Aug. 18, 1920. Serial No. 404,381. 5 Claims. (Cl. 136—132.)



1. In combination, a dry cell including a containing cup of conducting material, and an outer container in which the cell is enclosed, said containers being completely insulated from each other by a cylindrical wrapper of non-conducting material, the lower end of said wrapper being folded over the bottom of the cup to completely cover the same, and the upper end thereof being folded inwardly over the upper edge of the cup, and means to seal the cup and the container and hold the insulating wrapper in place.

1,623,720. IRRIGATED AND VENTILATED FLOWER BOX. STUART ELLIS, Fredericksburg, Va. Filed Apr. 9, 1926. Serial No. 100,931. 8 Claims. (Cl. 47—38.)

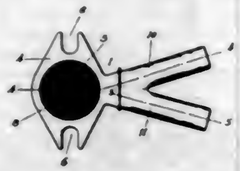
4. In a self-irrigated flower box, the combination of an approximately rectangular metal box, a pair of L-shaped ventilating plates seating in the bottom of the box and having each a vertical side plate resting against an end of the box, each of said side plates having a

vertical corrugation in the upstanding portion of the plate said corrugations being widest at the top, each of the ventilating plates having a longitudinal raised



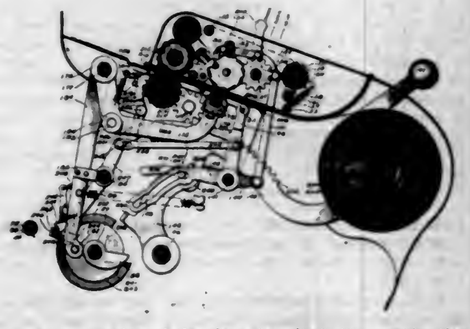
corrugation in the horizontal portion of the plate and each of the ventilating plates having transverse raised corrugations opening out of the longitudinal corrugation.

1,623,721. AIR INTAKE FOR INTERNAL-COMBUSTION ENGINES. EDWARD C. FLOREY, San Jose, Calif., assignor of one-half to Charles E. Sturges, San Jose, Calif. Filed Apr. 29, 1924. Serial No. 709,768. 1 Claim. (Cl. 48—180.)



An air intake of the character described, comprising a flat plate adapted for insertion between the carburetor and the intake manifold of an internal combustion engine and formed with an opening registering with that of the intake manifold, flat screens supported in the opening in spaced relation and between the upper and lower planes of the plate, an embossment extending laterally from the plate having two ports extending therethrough connecting the space between the screens with the outer end thereof and a Y shaped element fitting against the embossment with the base thereof and having a port extending through each leg thereof, the two ports being arranged for registry with the two ports in the embossment when the Y shaped element is placed against the embossment.

1,623,722. CASH REGISTER. FREDERICK L. FULLER, Ilion, N. Y., assignor to Remington Arms Company, Inc., a Corporation of Delaware. Filed Oct. 13, 1922. Serial No. 594,296. Renewed July 28, 1926. 18 Claims. (Cl. 101—96.)



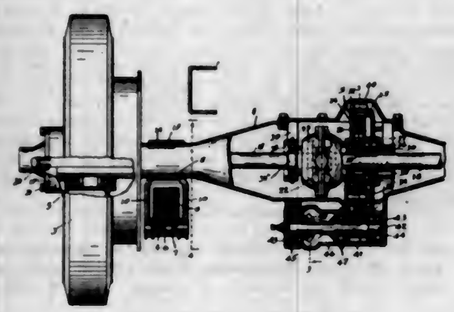
1. In a machine of the class described, the combination with a plurality of operating keys, type carriers, printing hammers for effecting printing impressions, manipulative means for conditioning the machine for either check or slip printing, and means for obliterating an impression made upon the check when the machine is in the slip printing position without a slip inserted, said check being issued upon a subsequent operation of the machine when conditioned for check printing.

1,623,723. APPARATUS FOR CLEANING CYLINDERS OF OFFSET AND OTHER PRESSES. WILLIAM GEGENHEIMER, Baldwin, and ERNEST E. BARNEY, Port Washington, N. Y. Filed Jan. 20, 1926. Serial No. 82,427. 3 Claims. (Cl. 101—425.)



1. As a new article of manufacture, a device for cleaning the ink rollers in printing presses which comprises opposed hangers, each hanger comprising a left hand unit and a right hand unit adapted to be clamped together upon a supporting rod, a blade mounted in inclined position upon one of the units, a receptacle carried by the second unit and means for swinging the hangers in unison to advance and retract the blade.

1,623,724. MOTOR-VEHICLE TRANSMISSION MECHANISM. EARL L. HARRY, Pontiac, Mich., assignor to Edward S. Evans, Detroit, Mich. Filed Feb. 28, 1924. Serial No. 695,632. Renewed Dec. 27, 1926. 9 Claims. (Cl. 180—10.)

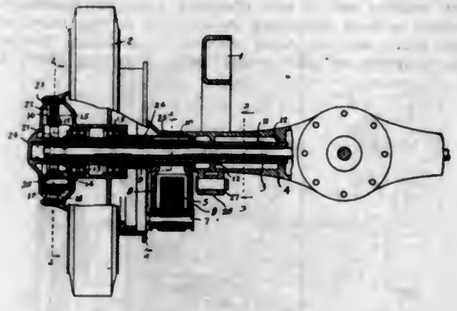


1. In a drive mechanism for motor vehicles, a live axle, a housing for said axle, a ground wheel carrying said housing and having driven engagement with said live axle, a member fast upon said housing and depending therefrom, means for supporting the vehicle load upon said depending member at a point normally below the housing, and drive mechanism for said axle within and reacting upon said housing rotatively, whereby said housing may rock under a predetermined driving stress to rotatively advance and elevate said load supporting member.

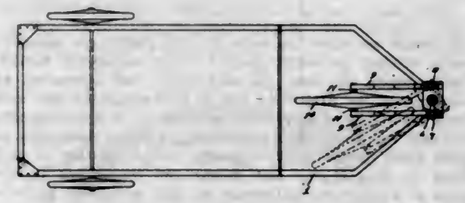
1,623,725. TRANSMISSION MECHANISM FOR MOTOR VEHICLES. EARL L. HARRY, Pontiac, Mich., assignor to Edward S. Evans, Detroit, Mich. Filed Feb. 28, 1924, Serial No. 695,633. Renewed Dec. 27, 1926. 11 Claims. (Cl. 180—10.)

1. In a motor vehicle transmission mechanism, a live axle, a ground wheel journaled co-axially with said

axle, a tubular member enclosing said axle, a load support, an arm rigidly depending from the tubular member and carrying said load support, and gearing establishing a drive from said live axle to said wheel and rotatively reacting upon said tubular member to rock the same in a direction reverse to that of the wheel.

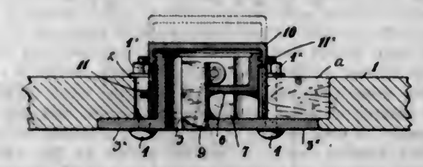


1,623,726. MOTOR VEHICLE. EDVIN HERDS, New York, N. Y. Filed Mar. 1, 1923. Serial No. 622,123. 5 Claims. (Cl. 280—92.)



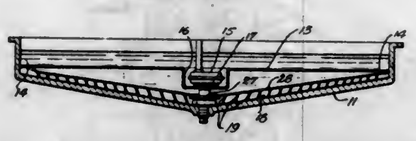
1. In a vehicle having a single front wheel, in combination, a flexible substantially horizontally disposed fork-like member securely fastened by its crown to the front of the vehicle and thence extending rearwardly to a wheel axle, a wheel axle, equalizing elements connected to said fork-like member and a steering device adapted to swing said fork-like member laterally for steering and stabilizing purposes.

1,623,727. DRAIN DEVICE FOR LIFEBOATS. HARRY B. HILLS, New York, N. Y., assignor to Steward Davit & Equipment Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 15, 1925. Serial No. 50,378. 1 Claim. (Cl. 114—197.)



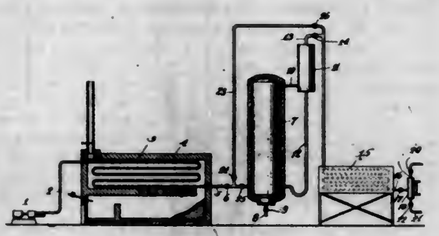
A drain plug for life boats consisting of a flat base member adapted to be secured to the bottom wall of a boat hull so as to be substantially flush therewith and having an upwardly projecting open top cup-like member being formed with an opening at its base and a side wall opening, a lateral projection extending within the cup-like member and bounding the top of its side wall opening, said projection merging into the side wall, a flap valve having a pivotal mounting within the cup-like member above the inwardly projecting wall and adapted to contact with said wall and the base, and a cap adapted to enclose the upwardly projecting portion of the device and movable to expose its side wall opening.

1,623,728. OIL-PURIFYING SYSTEM. GORDON B. HOOTON, Grand Rapids, Mich. Filed Aug. 13, 1925. Serial No. 50,087. 5 Claims. (Cl. 184—6.)



1. In a lubricating system of the class described a baffle plate positioned in the reservoir below the normal fluid level therein, a pump positioned in a recess in said plate and drawing fluid from below said plate, said plate having restricted fluid passages therethrough positioned at a distance from the pump intake, and sediment traps arranged in the bottom of said reservoir in the path of fluid flow from said fluid passages to said pump intake.

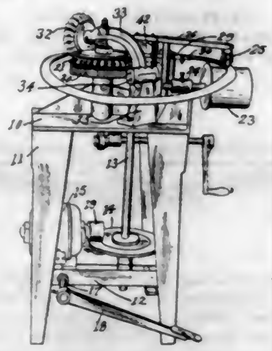
1,623,729. TREATING HYDROCARBON OILS. RALPH C. HOLMES, New York, N. Y., assignor to The Texas Company, New York, N. Y., a Corporation of Texas. Filed Aug. 17, 1921. Serial No. 492,891. 2 Claims. (Cl. 196—58.)



1. The process of producing low boiling hydrocarbon oils by the conversion of higher boiling hydrocarbon oils, which comprises passing the high boiling oil to be treated once only through a confined passage of substantially uniform cross-section without substantial enlargements, said passage being heated to impart to the oil a temperature of about 700 to 900° F., completing the entire desired conversion in said passage, maintaining upon the oil in the passage a pressure of upwards of 500 pounds, the pressure employed being such that the entire oil is maintained in continuous liquid phase during the entire conversion, whereby the entire conversion is effected without substantial production of coke, discharging the completely converted oil into an enlarged chamber to which no additional heat is imparted, said chamber being at substantially reduced pressure whereby vaporization of the desired low boiling products together with higher boiling products is effected, removing such vapors, separating therefrom by condensation the products of higher boiling point than the desired low boiling point products, returning separated higher boiling point products to the un-

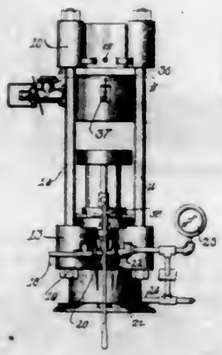
vaporized liquid in the chamber, thereby modifying its characteristics and withdrawing completely from the system unvaporized liquid with admixed condensed products from the vapors.

1,623,730. HORIZONTAL BEAD FLIPPER. EDWARD HUTCHENS, Milwaukee, Wis., assignor to Utility Manufacturing Co., Cudahy, Wis., a Corporation of Wisconsin. Filed Apr. 2, 1924. Serial No. 703,617. 4 Claims. (Cl. 154—9.)



1. A bead flipping machine comprising a pair of rollers adapted to cause initial contact between the bead and fabric on one side of the bead, means for folding the fabric into contact with the other sides of said beads and a pair of fluted wheels adapted to stretch the outstanding edges of the fabric into a smooth surface.

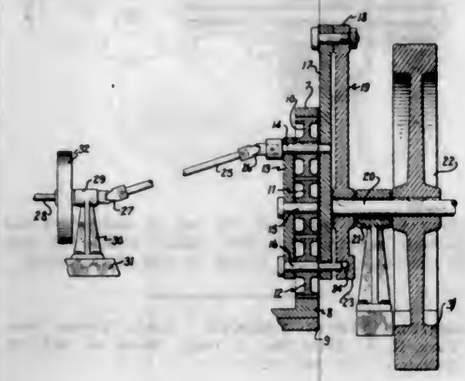
1,623,731. PULP-FORMING PRESS. EDWARD HUTCHENS, Milwaukee, Wis. Filed Apr. 2, 1926. Serial No. 99,216. 3 Claims. (Cl. 92—59.)



1. In combination with a hydraulic press a cylinder a form therein, a piston adapted to enter the cylinder, a series of connected grooves in the top surface of said piston, a slotted filter plate secured above said grooves, and a connection from said grooves to a source of subatmospheric pressure.

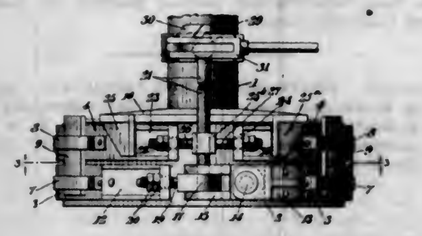
1,623,732. MECHANICAL MOVEMENT. RICHARD D. JACOBS, Detroit, Mich. Filed Dec. 14, 1921. Serial No. 522,290. 2 Claims. (Cl. 123—169.)

1. In combination an internal gear; a plurality of planetary gears co-operating therewith, each of said planetary gears being in mesh with an adjacent planetary gear; a bar connecting said planetary gears positioned on one side thereof to permit free rotation of said gears about their centers and the free travel of said gears around said internal gear; an elongated bar positioned on the opposite side of said planetary gears and connected thereto without disturbing the rotation or free travel of said gears, said bar being adapted for projecting beyond the periphery of said internal gear; a driving shaft; a



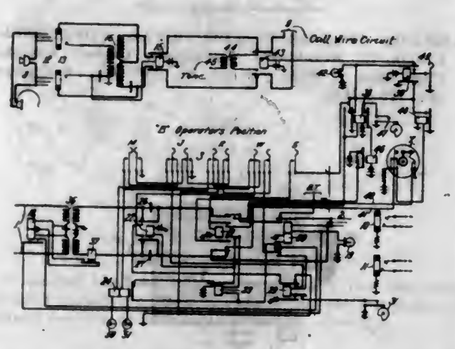
fly wheel mounted on said driving shaft; an axle for each of said planetary gears; a bar connected fixedly, intermediate its ends, on said shaft, and connected at one end to the projecting end of said elongated bar, said bars projecting radially from said shaft; a counterweight on said fly wheel, said counterweight being, relatively to said shaft, diametrically opposite to the relation of said bars to said shaft; and means for connecting to the axle of one of the outermost of said planetary gears a driven shaft.

1,623,733. BRAKE. JOHN W. JEPSON, Elizabeth, N. J. Filed Apr. 5, 1922. Serial No. 549,715. 4 Claims. (Cl. 188—140.)



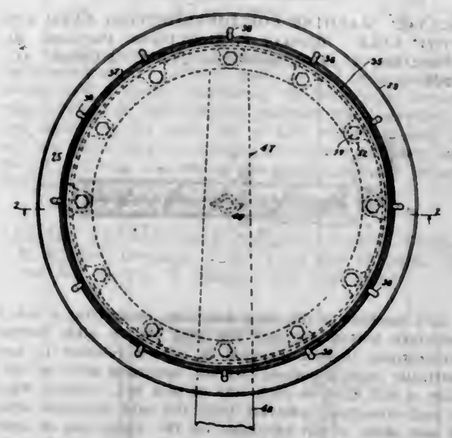
1. A brake comprising a moving element to be braked, two braking elements cooperating therewith, and means whereby the drag on one of the braking elements by the moving element causes a braking action by the other braking element, said means comprising a shaft, rotation of which shaft about its axis causes a braking action by one braking element and movement of the shaft laterally by the drag of said braking action causes braking action of the other braking element.

1,623,734. TELEPHONE SYSTEM. RALPH E. KING, East Orange, and WILLIAM M. BEAUMONT, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 30, 1926. Serial No. 105,704. 6 Claims. (Cl. 179—27.)



2. A telephone system comprising a line, a dialing circuit, a signal associated with said line, another signal associated with the dialing circuit, means for connecting said line and dialing circuit together, another line, means for connecting said lines together, and means responsive to said connections for actuating said signals.

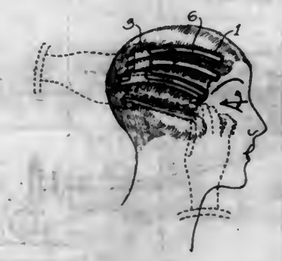
1,623,735. BANJO. WILLIAM L. LANGE, New York, N. Y. Filed Oct. 19, 1923. Serial No. 669,533. 34 Claims. (Cl. 84—271.)



30. In a sound instrument, a rim; a metal tone band having downwardly and inwardly slanting lugs secured on said rim; the upper part of the band comprising a main portion spaced from said rim; an outer casing having a vertical outer portion spaced from said band and rim, an inwardly disposed ledge, and an inwardly disposed lower horizontal portion secured to and spaced from the rim; a velium disposed over said band; a tension ring engaging said velium; hooks on the tension ring and passing through said ledge; and nuts on the lower ends of the hooks.

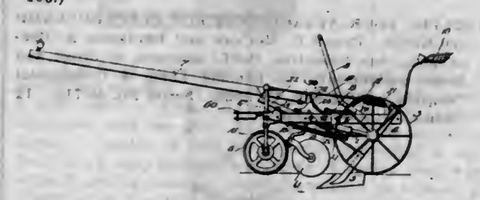
1,623,736. HAIR-WAVING DEVICE. LILLIAN LAZNOVSKY, Chicago, Ill. Filed Oct. 2, 1926. Serial No. 139,109. 14 Claims. (Cl. 132—32.)

1. A finger attachment for use in hair waving comprising a former having means adjacent one end thereof for securing it to a finger, the other end of said former being adapted to extend beyond the finger to provide an



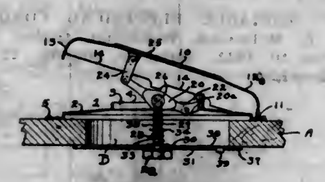
extension thereof which is adapted to substantially conform to the portion of the subject's head against which it is pressed.

1,623,737. BEET PULLER. HUGO T. LINDGREN, Moline, Ill., assignor, by mesne assignments, to Moline Implement Company, a Corporation of Illinois. Filed Feb. 13, 1922. Serial No. 536,100. 13 Claims. (Cl. 55—106.)



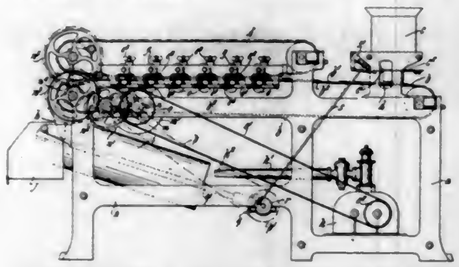
1. A beet puller having beet pulling devices, means for lowering the beet puller to move the pulling devices to working position in the grond and for raising it to raise the pulling devices to transport position above the ground, a guiding pole connected to the beet puller to be movable laterally relative to it, and means acting automatically in response to movements of the beet puller by the raising and lowering means to lock the pole rigidly to the beet puller as it is raised by the raising means to lift the pulling devices out of the ground and to automatically free the pole to permit it to move laterally relative to the beet puller as the beet puller is lowered to cause the pulling devices to enter the ground to working position.

1,623,738. VEHICLE VENTILATOR. WILLIAM LINTERN, Cleveland, Ohio. Filed Aug. 8, 1925. Serial No. 48,948. 15 Claims. (Cl. 98—20.)



1. In combination with a vehicle body wall having a ventilator opening therein, a movable cap member exteriorly of the opening having a roof portion and down turned edges, such edges being normally in contact with the body wall, said cap having a plurality of apertures in said roof portion leading directly to the open air, whereby ventilation of the interior of the body is afforded when the cap is closed, and means for raising the cap for additional ventilation.

1,623,739. MACHINE FOR HUSKING ALMONDS AND OTHER KERNELS OR THE LIKE. ROBERT FRENCH MACFARLANE, London, England. Filed Apr. 8, 1925. Serial No. 21,460, and in England May 9, 1924. 7 Claims. (Cl. 83—35.)



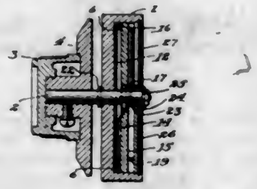
1. A machine for husking nut kernels comprising a plurality of parallelly extending abrasive members arranged in spaced relation and between which the kernels are adapted to pass under the influence of one of said members, means for driving said members, and means for subjecting one of said members to yielding pressure.

1,623,740. LOCK ATTACHMENT FOR ELECTRIC-LAMP SOCKETS. CLYDE F. MCCANN and REINHOLD A. BERENBERG, San Francisco, Calif., assignor, by direct and mesne assignments, to Panama Lamp & Commercial Company. Filed Aug. 17, 1925. Serial No. 50,716. 12 Claims. (Cl. 173—356.)



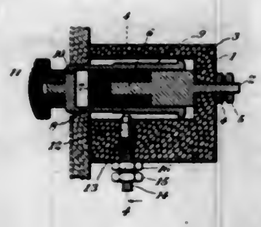
1. A locking device for incandescent lamps comprising an annular hollow casing adapted to fit over a lamp base, means for securing the device to a lamp socket concealed wholly within the socket, an annular member mounted in the casing, locking means for engaging the lamp base mounted upon the annular member, and another annular member within the casing for actuating the locking means.

1,623,741. VARIABLE ELECTRICAL CONDENSER. LESLIE R. MCDONALD, Westmount, Quebec, Canadn. Filed Nov. 10, 1922. Serial No. 600,095. 12 Claims. (Cl. 175—41.5.)



1. In a variable electrical condenser, the combination of a broad, flat electrical conductor, a superimposed dielectric parallel thereto, a second boad, flat and flexible conductor normally superimposed on the dielectric, and means, movable relative to the second conductor, engaging against it to hold it in its normal position and also engaging between it and the dielectric to progressively release and shift portions of the conductor laterally from its normal position.

1,623,742. VARIABLE ELECTRICAL CONDENSER. LESLIE R. MCDONALD, Westmount, Quebec, Canada. Filed Mar. 7, 1924. Serial No. 697,433. 6 Claims. (Cl. 175—41.5.)



1. In a variable electrical condenser, the combination of relatively telescopicable and rotatable conducting elements, an interposed dielectric, and connecting means maintaining an unbroken contact with one of said elements for causing rotation of such element to produce longitudinal adjustment thereof, and also automatically permitting free longitudinal adjustment of such elements.

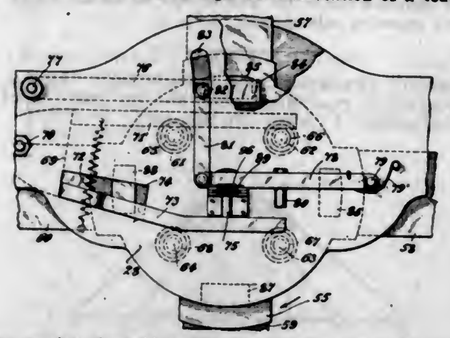
1,623,743. MACHINE FOR DISTRIBUTING SAND AND THE LIKE. THOMAS F. MCGUINESS, Portland, Me. Filed May 1, 1925. Serial No. 27,312. 1 Claim. (Cl. 275—2.)



In a machine of the class described, comprising a box, a perforate bottom member for said box, a slide having perforations therein disposed in spaced relation to and vertically of said bottom member, upturned sides on said slide, a rail fixed to each side of said box, hangers fixed to and extending upwardly from the said upturned sides of said slide, a roll revoluble on the upper end of each of said hangers, said rolls adapted to traverse said rails and to support said slide suspended from a position a spaced distance form said bottom, partitions in said box running longitudinally thereof and separating the main interior portion from the space in which said rails and said rolls are operable, and means to actuate said slide.

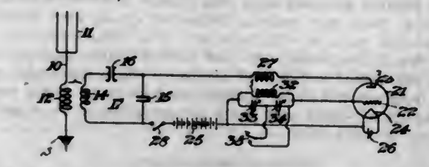
1,623,744. TURNSTILE. JOHN J. MCLAUGHLIN, Brooklyn, N. Y., assignor to Harold L. Warner, Brooklyn, N. Y. Filed Oct. 21, 1925. Serial No. 63,812. 9 Claims. (Cl. 194—61.)

1. In a turnstile, a plurality of spaced revoluble arms, a locking lever for normally preventing the said arms from being turned in one direction but permitting the said arms to be turned in the other direction, a positioning lever for normally maintaining the said arms in a predetermined position, and devices actuated by the positioning lever upon the initial movement of the said arms in one direction and through the intervention of a token



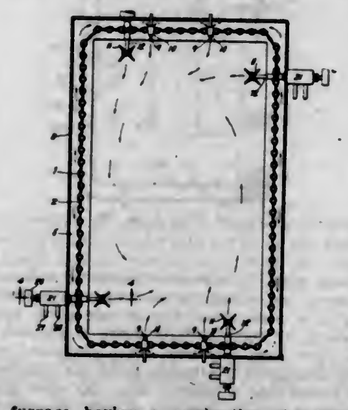
for moving the said locking lever to free the said arms thereby permitting the said arms to be turned a predetermined portion of a revolution in one direction.

1,623,745. TRANSMITTING SYSTEM FOR RADIANT ENERGY. ALBERT F. MURRAY, Boston, Mass., assignor to John Hays Hammond, jr., Gloucester, Mass. Filed Jan. 14, 1921. Serial No. 437,354. 5 Claims. (Cl. 250—17.)



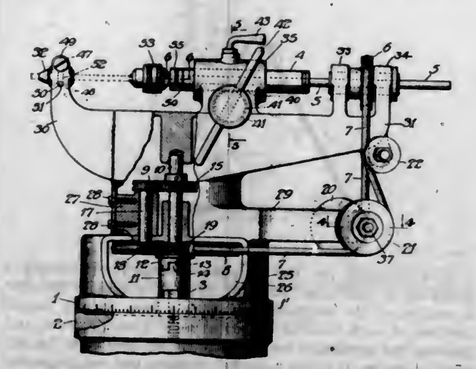
1. In a transmitter of radiant energy, a circuit including a spark gap arranged to generate and radiate damped waves and a single, oscillating, three-electrode vacuum tube having its plate circuit conductively connected to and broken by the spark gap of said first-mentioned circuit for controlling the amount of power supplied to said circuit and also controlling the group frequency of said damped waves.

1,623,746. FURNACE AND COOLING DEVICE. THOMAS E. MURRAY, Brooklyn, N. Y. Filed May 21, 1925. Serial No. 31,857. 3 Claims. (Cl. 122—235.)



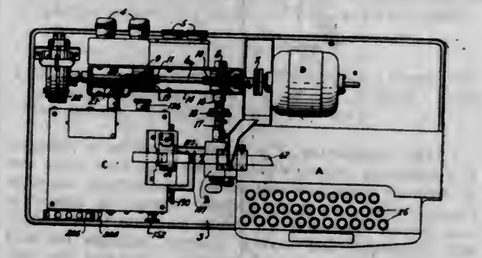
1. A furnace having a combustion chamber with a water wall consisting of tubes exposed to the direct radiant heat of the burning fuel in said chamber in combination with fans therein for causing currents of the burning gases in a direction transverse to that of their natural flow so as to distribute them uniformly in the combustion chamber.

1,623,747. SWIVEL-HEAD DRILL HOLDER. JOHN VICTOR NELSON, Maywood, Ill., assignor to Franz K. Krag, Chicago, Ill. Filed June 23, 1921. Serial No. 479,838. 2 Claims. (Cl. 77—5.)



1. A drilling attachment comprising a head adapted to be tiltably mounted on a part of a machine frame having a drive shaft, a driven shaft journalled in said head in alignment with the drive shaft and operatively connected thereto, a pulley on said driven shaft journalled in said head which head includes a plurality of spaced arms with aligned bearing openings therein, arranged in a plane at a right angle to said drive and driven shafts, a feed sleeve mounted in one of said arms, a drill spindle journalled in said sleeve and in one of said other arms, a pulley on said drill spindle for driving the same, a belt operatively connecting said pulleys together, two idle pulleys journalled on said head and about which said belt is trained for changing the direction thereof, a movable spring pressed block slidably mounted in said head and upon which one of said idle pulleys is mounted for imposing a tension on said belt, and a third pulley journalled in the head for engaging the belt between said pulley on the spindle shaft and said pulley on the block for holding straight that portion of the belt leading to the spindle pulley irrespective of the location of the pulley on said spring pressed block.

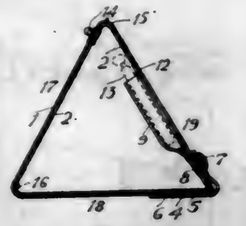
1,623,748. PRINTING TELEGRAPHS. HARRY PFANNENSTIEHL, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 21, 1923. Serial No. 681,921. 12 Claims. (Cl. 178—17.)



1. In combination, a plurality of selecting elements, transmitting means, tape controlled means for selectively positioning said selecting elements, manually op-

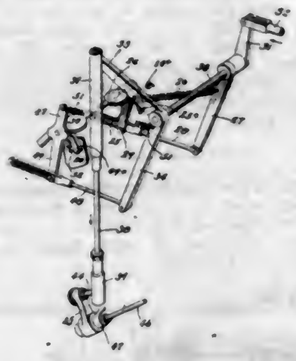
erated means also capable of selectively positioning said elements, and means effective following the positioning of said elements for operating said transmitting means in accordance with their positions.

1,623,749. SUPPORT. OLIVER E. PELKEY, Springfield, Mass. Filed July 27, 1926. Serial No. 125,183. 3 Claims. (Cl. 58—56.)



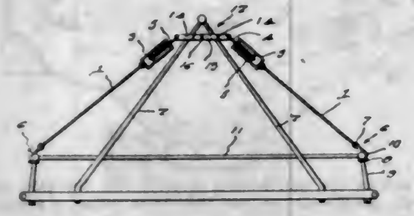
3. A support for the purpose described comprising a plurality of layers of material forming a flexible member, a portion of the member serving as a base part, a second portion of such member constituting a front surface and having an opening therein, a member attached to the front surface to form a pocket behind the said opening for holding an article to be displayed, a strap secured to the base part and provided with a snap fastener, and a cooperating snap fastener extending through the pocket forming member and the front surface to hold these parts secured together.

,623,750. APPARATUS FOR SUPPLYING FUEL TO INTERNAL-COMBUSTION ENGINES. SAMUEL J. PINGREE, St. Louis, Mo., assignor to Pingree Patents, Incorporated, St. Louis, Mo., a Corporation of Missouri. Filed Feb. 19, 1921. Serial No. 446,333. 6 Claims. (Cl. 123—127.)



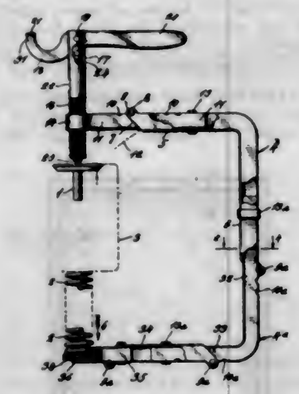
1. The combination of a carbureter having a plurality of carbureting chambers coextensive with each other and of different cross sectional areas, independently operable throttle valves arranged therein, means for admitting fuel to said carbureter, an intake manifold leading from said carbureter and having separate passages for said carbureting chambers, said passages extending the full length of said intake manifold and being proportioned to the desired velocity of the mixture passing therethrough, means for yieldingly bringing one of said valves into a closed position and positively opening the same, means for yieldingly moving the other one of said valves into an open position and positively closing the same, and operating means for both of said means for sequentially operating said valves.

1,623,751. STEERING-GEAR ATTACHMENT. AMIE G. PROULX, St. Paul, Minn. Filed Mar. 23, 1926. Serial No. 96,830. 1 Claim. (Cl. 280—94.)



An automobile steering gear attachment of the class described comprising a pair of hooks adapted to be detachably associated with the spindle arms and spindle connecting rods, a pair of rearwardly diverging rods pivotally connected with said hooks, frames to which the rear ends of said rods are connected, spring pressed bolts slidably mounted upon said frames, said bolts having hooks at their rear ends, a radius rod clamp with which the hooked ends of said bolts are detachably connected, said clamp comprising top and bottom plates associated with the radius rod, the plates being connected together by a single bolt and the opposite end portions of the top plates being formed with seats for reception of the upper portion of the radius rod.

1,623,752. VALVE LIFTER. EDWARD E. RAINEY, Denver, Colo. Filed Mar. 1, 1926. Serial No. 91,425. 2 Claims. (Cl. 29—86.3.)



1. A valve spring compressor comprising a frame having two parts, each of which has two arms extending at right angles to each other, one of said parts having a channel along its outer surface, which is adapted to receive the other part, the ends of the channeled part, to which the other part is attached being cut diagonally so that the closed side is shorter than the open side, the tips of each of the end portions of said channeled parts being connected by a rivet, the other part having a width substantially equal to the depth of the channel and having its outer edge provided with notches adapted to be

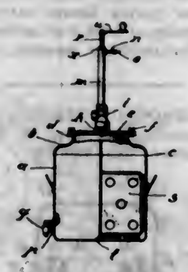
engaged by the rivet when the parts are in aligned position and from which the rivets become disengaged when the parts are moved angularly with respect to each other.

1,623,753. CHILD'S SLEEPING GARMENT. JAMES H. RAMBO, Minneapolis, Minn., assignor to Minneapolis Knitting Works, Minneapolis, Minn., a Corporation of Minnesota. Filed Sept. 8, 1925. Serial No. 55,117. 4 Claims. (Cl. 2—83.)



1. A garment of the class described including legs, and a foot portion for each leg, each foot portion comprising an upper formed by the lower portion of the leg, a sole, and a stretchable counter extending forwardly to a point adjacent the toe, and stitched to upper and sole.

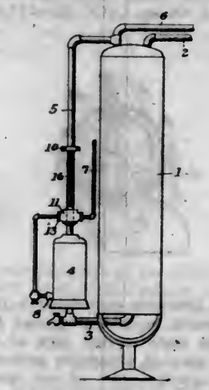
1,623,754. FOOD-PRESERVING JAR. HEINRICH RITTER, Esslingen, Germany, assignor to the Firm Dr. Finckh Apparate-Gesellschaft m. b. H., Stuttgart, Germany. Filed Oct. 20, 1923, Serial No. 669,759, and in Switzerland Aug. 21, 1922. 2 Claims. (Cl. 250—122.)



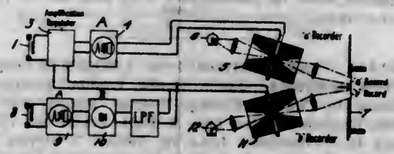
1. Preserving jar comprising a perforated cover, a stop cock in the perforation of said cover, an air filter on said cover above and in communication with said cock, and a stirring device removably inserted in said filter and extending through said cock into the jar.

1,623,755. THERMOSTAT. GEORGE A. ROBERTSHAW, Greensburg, Pa. Filed Sept. 6, 1921. Serial No. 498,795. 11 Claims. (Cl. 236—103.)

1. A thermostatic system, comprising a heat-conducting expansible container constituting a required operating part of a standard heat exchange system, and a device secured as a unit to said container and comprising the combination of an adjustable relatively non-expansible element with a self-closing valve cooperating therewith, said valve being adapted to be operated by the contraction and expansion of the container, substantially as described.



1,623,756. RECORDING AND REPRODUCING OF SOUNDS. CHARLES F. SACIA, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 5, 1924. Serial No. 711,033. 25 Claims. (Cl. 179—100.1.)



1. The method of recording waves which comprises producing a record of the variations in the amplitude of the waves and producing another record of the structure of said waves modified as to amplitude.

1,623,757. MANUFACTURE OF CHROMIUM-IRON ALLOYS. BYRAMJI D. SAKLATWALLA, Crafton, Pa. Filed June 5, 1926. Serial No. 114,019. 4 Claims. (Cl. 75—45.)

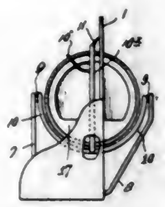
1. The process of making low-carbon chrome steel, comprising forming a bath of molten steel having a metal layer in which is incorporated a reducing agent and a slag layer in which is incorporated chrome ore and an oxidizing agent having a reaction with the reducing agent which is more strongly exothermic than that of the chrome ore in an amount sufficient to render the reducing reaction self-propagating at the temperature of the molten bath.

1,623,758. HAIR-CURLING APPARATUS. PETER SANTURELLO, Columbus, Ohio. Filed May 7, 1926. Serial No. 107,489. 17 Claims. (Cl. 132—33.)



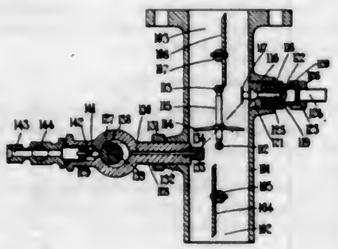
1. In a device of the class described, the combination of a mandrel, a winder and a tape container removably secured to said winder.

1,623,759. INCLINATION INDICATOR. LUTHER G. SHINN, Holdenville, Okla. Filed May 29, 1926. Serial No. 112,645. 1 Claim. (Cl. 33—215.)



An inclination indicator comprising a frame having a plate and an opening in said plate and also having an arcuate graduated scale on the face of the plate concentric with said opening, standards carried by the frame and disposed at opposite sides of and spaced from said plate, a ring swingable edgewise in a plane parallel to the plate and having arcuate arms terminating in trunnions journaled in said standards and also having a pointer arranged to cooperate with said arcuate scale, a second pointer carried by said ring, said pointer being in the form of a hair line connected at its ends to spaced points of the ring, and a wheel disposed in said ring and having trunnions journaled at opposite points therein and also having a proportionately heavy portion; the said wheel being disposed and movable at right angles to the ring and being provided at its periphery with a graduated scale for cooperation with said second pointer on the ring.

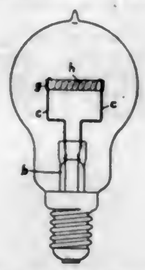
1,623,760. CARBURETOR FOR INTERNAL-COMBUSTION ENGINES. JACOB SIEBER, London, England, assignor to Charles Thomas Everist, Forest Hill, London, England. Filed June 2, 1924, Serial No. 717,434, and in Switzerland June 12, 1923. 7 Claims. (Cl. 261—18.)



1. A carburetor comprising in combination a mixing chamber, a rotary mixer located within said mixing chamber, an air inlet in said mixing chamber adapted to direct air onto said rotary mixer, a fuel inlet on said mixing chamber adapted to direct fuel unobstructedly onto said rotary mixer, a water inlet adapted to direct water unobstructedly onto said rotary mixer and a mixture outlet, said air, fuel and water inlets being adapted to direct air, fuel and water simultaneously onto said rotary mixer.

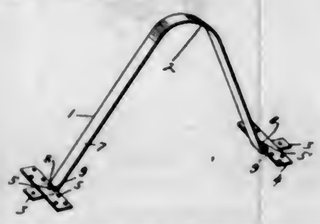
1,623,761. ELECTRIC LAMP. FRANZ SKAUPY, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed Dec. 11, 1922, Serial No. 606,173, and in Germany Dec. 21, 1921. 3 Claims. (Cl. 176—16.)

1. In an electric glow lamp, in combination, a support, a heating element and a light emitting element on said support, said heating element adapted to be heated to incandescence by current from a suitable source whereby the support may be heated, said support serving in turn



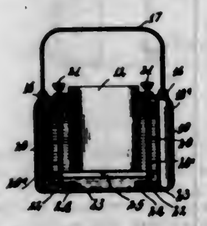
as a heating element for the light emitting element to cause the latter to glow, said support being transparent and having a macrocrystalline structure.

1,623,762. HOLD-DOWN DEVICE. HARRY S. STERNBERGH, Detroit, Mich., assignor to W. W. Blakely, Detroit, Mich. Filed Dec. 7, 1925. Serial No. 73,789. 3 Claims. (Cl. 188—32.)



1. A device of the class described comprising a tie member having a leg portion, a substantially flat foot portion projecting from the lower end of said leg portion, and a substantially flat anchorage member crossing and welded to said foot portion adjacent to the junction of said foot and leg portions, the welded point being located at the inner edge of said anchorage member and at the inner end of said foot portion, and said anchorage member having lateral extensions projecting beyond opposite sides of said foot portions and provided with apertures for receiving securing elements.

1,623,763. THERMOGLUE VESSEL. ANGEL TOVALIN, Monterey, Mexico. Filed Apr. 22, 1926. Serial No. 103,672. 3 Claims. (Cl. 220—9.)

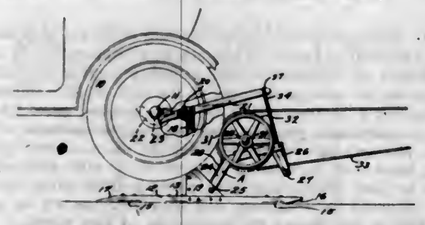


1. In a device of the class described, an outer container comprising an inwardly directed upper flange, said flange being provided with spaced openings, substantially vertical screw threaded rods journaled in said spaced openings comprising screw threaded lower portions, a support disposed in said container and screw threaded on the lower portions of said rods, knobs on the upper ends of said rods, above said container for rotating the former to adjustably position said support, and a removable container disposed in said outer container having side portions in engagement with the edge of said flange adapted to be raised and lowered by adjustment of said support.

1,623,764. PROCESS FOR BRIQUETTING BITUMINOUS COAL. SRINIVAS RAM WAGEL, New York, N. Y., assignor to The Lehigh Coal and Navigation Company, a Corporation of Pennsylvania. Filed June 16, 1924. Serial No. 720,451. Renewed July 31, 1926. 10 Claims. (Cl. 44—16.)

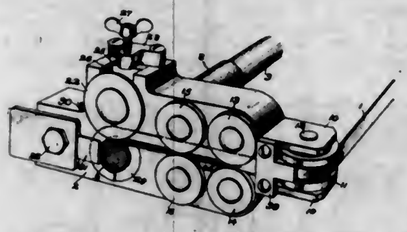
1. In the manufacture of coal briquettes, the process which comprises mixing bituminous coal with clay and a binder of sulphite liquor, clay and asphalt; and in passing the mixture through regions of increasing temperature, with alternate cooling thereof.

1,623,765. POWER TAKE-OFF DEVICE. ALVAH H. WARREN, Jr., St. Paul, Minn. Filed Apr. 2, 1925. Serial No. 20,081. 7 Claims. (Cl. 74—106.)



1. A power take off device comprising a main frame having automobile wheel receiving platforms, means for engaging and supporting the rear axle of an automobile in position with the wheels above the ground, a swinging frame pivoted to said main frame and having pulleys thereon for engagement with the wheels of the automobile and means for connecting said first means with the swinging frame whereby the weight of the auto will maintain said pulleys in contact with the wheels on the auto and rotation of said wheels will impart rotation to the pulleys on said swinging frame.

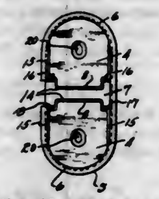
1,623,766. COIL FORMER. ALVA O. WAY, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Aug. 11, 1922. Serial No. 581,117. 5 Claims. (Cl. 153—64.5.)



1. A former for producing flanged edge-wound coils from metal ribbon comprising pairs of rolls for supporting and flanging the metal ribbon, and rolling contact means for guiding and staying the flanged ribbon on both sides during winding thereof.
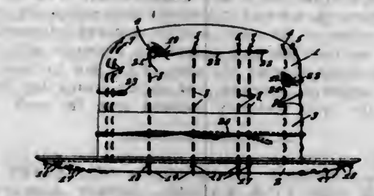
1,623,767. DOOR BUFFER. CLIFFORD J. WILLIAMS, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Nov. 17, 1924. Serial No. 750,408. 1 Claim. (Cl. 16—86.)

In a door buffer, the combination with a pair of spaced buffer blocks, of a casing adapted to be stamped from a single sheet of metal having substantially parallel side walls and rounded end walls connecting into said side walls, wear plates positioned within said casing having the opposed faces thereof extending across end embracing the opposed faces of said blocks and having



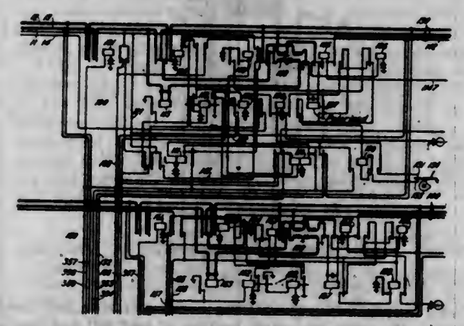
shoulders adjacent the sides of the casing, and arms projecting from said wear plates beyond the shoulders embracing the sides of said blocks, an elongated cover plate secured to the casing, and headed elements extending through the cover plate, buffer blocks and casing for securing said parts to a support as a unit.

1,623,768. FISHERMAN'S HAT. JOHN I. WILLIAMS, Dubois, Pa. Filed Mar. 8, 1926. Serial No. 93,288. 1 Claim. (Cl. 2—185.)



A fisherman's hat comprising in combination a hat body, a series of spaced, substantially parallel flexible members each having spaced portions thereof extending through said body, spaced portions thereof arranged against one face of said body and spaced portions thereof extended from the other face of said body to form loops, the loops of one member arranged in alinement with the loops of an adjacent member to provide a series of spaced sets of spaced, parallel loops, each set providing means for detachably connecting a fly or leader to the hat body, and means at the ends of each of said members for securing the member to the hat body.

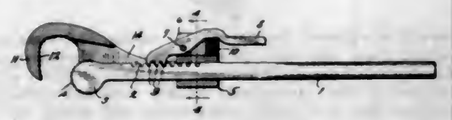
1,623,769. TELEPHONE-EXCHANGE SYSTEM. SAMUEL B. WILLIAMS, Brooklyn, N. Y., and EARL S. GIBSON, Ridgewood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 29, 1924. Serial No. 702,732. 34 Claims. (Cl. 179—6.3.)



1. In a telephone exchange system, calling subscribers' lines equipped with charging mechanisms, other calling subscribers' lines not equipped with charging mechanism,

means for extending a connection from any of said calling lines to a called line, controlling means commonly available to any of said calling lines normally arranged for controlling the extension of said connection on a no charge operating basis, and discriminating means associated with said charge lines for causing said controlling means to control the establishment of a connection on a charge operating basis when said controlling means is associated with one of said charge lines.

1,623,770. PIPE WRENCH. OSCAR H. ADAMS, Keokuk, Iowa. Filed Mar. 24, 1926. Serial No. 97,062. 1 Claim. (Cl. 81—106.)

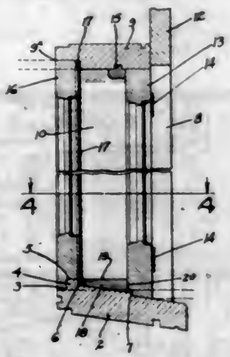


In a device of the class described, a handle having a rack and provided at one end with an enlarged approximately cylindrical head, a rider mounted to reciprocate on the handle, a hook-shaped jaw cooperating with the head and provided with spaced arms between which the rider is located, means for pivotally connecting the arms with the sides of the rider, a latch mounted intermediate its ends on the rider and adapted to cooperate with the rack at a point between the arms of the jaw to hold the rider in adjusted positions, and spring means for maintaining the latch yieldably engaged with the rack.

1,623,771. METHOD OF PAINTING ON VELVET OR OTHER CUT PILE FABRIC. ROBERT ALEXANDER, Oakland, Calif. Filed May 20, 1925. Serial No. 31,694. 2 Claims. (Cl. 41—26.)

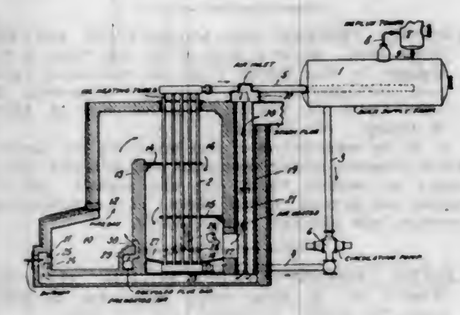
1. The method of applying color effects of varying hues to cut pile fabric of the character described which consists in brushing paint into the material in the direction of the lay of the pile and against the lay of the pile in separate steps.

1,623,772. CASEMENT SASH FRAME. FRED C. ANDERSEN and ERNEST C. MADSON, Bayport, and GEORGE A. CHAPMAN, Minneapolis, Minn., assignors to Andersen Lumber Company, Bayport, Minn., a Corporation of Minnesota. Filed Dec. 26, 1925. Serial No. 77,780. 10 Claims. (Cl. 20—53.)



1. A sash frame comprising a sill and side and head jambs, the inner and outer portion of said sill and jambs being adapted respectively for mounting an inswinging or outswinging casement sash of substantially the same dimensions therein.

1,623,773. OIL STILL. JOHN E. BELL, Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Aug. 10, 1923. Serial No. 656,671. 17 Claims. (Cl. 196—116.)



1. The improvement in the heating of oil cracking stills in which oil is heated to the cracking temperature by hot products of combustion from a firebox passing externally over the oil heating surfaces of the still, which comprises admixing a portion of the hot waste heating gases which have previously passed over the heating surfaces with the products of combustion from the firebox before passing them over the heating surfaces of the still, preheating air by heat interchange with waste heating gases not to be returned as a diluent, and supplying the air so preheated to the firebox for combustion of fuel therein.

1,623,774. HOLDING DEVICE FOR WILD ANIMALS. PAUL BELL, Mexico City, Mexico. Filed June 24, 1926. Serial No. 118,205. 2 Claims. (Cl. 119—153.)



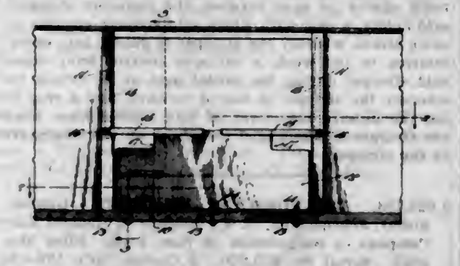
1. In a device of the class described, a jointed rod, means to secure the members thereof in straight and rigid alignment, a looped cable secured to one end of the said rod and passing through suitable guides thereon and having a perforated metallic strap affixed in elongation of the said cable and passing through the channel of a retracting element, where it is engaged by the teeth of a sprocket wheel which is mounted within the said element and is provided with a ratchet and pawl check mechanism for the control thereof.

1,623,775. LUBRICATING DEVICE. FREDERICK C. BLANCHARD, Detroit, Mich. Filed Apr. 14, 1921. Serial No. 461,219. 30 Claims. (Cl. 221—47.4.)



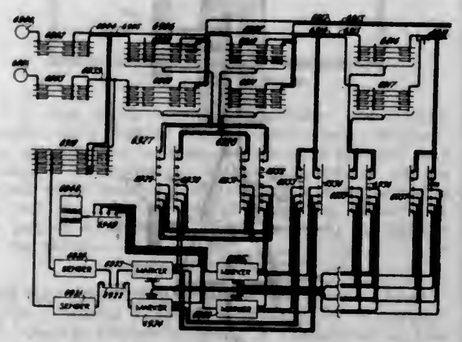
2. Lubricating apparatus comprising a lubricant receptacle, a handle presenting a reservoir, and means operated by rectilinear movement of said reservoir relatively to said receptacle, first to open said receptacle and subsequently to cause the introduction of lubricant thereinto.

1,623,776. INSIDE-DOOR PROTECTOR AND GANG BOARD. CHARLES E. CANNADAY, Washington, D. C. Filed Sept. 15, 1923. Serial No. 662,874. 2 Claims. (Cl. 20—21.)



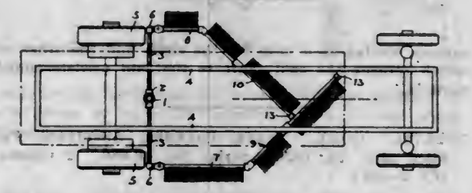
1. The combination with spaced door posts and a plate hinged to stand substantially vertically between the posts, said plate having its upper corners cut out of a latching means for the plate comprising channels pivoted to the posts to swing toward each other to span the cut out spaces and engage over and embrace the upper edge of the plate.

1,623,777. TELEPHONE-EXCHANGE SYSTEM. WARREN WESLEY CARPENTER, Queens, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 14, 1925. Serial No. 43,476. 32 Claims. (Cl. 179—18.)



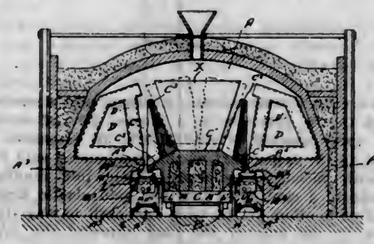
1. The combination in a telephone system of a selective switch, a controlling mechanism, a plurality of connectors for successively connecting said mechanism to and disconnecting the same from said switch to selectively operate the switch to extend a connection, means for using a particular one of said connectors whenever the mechanism is connected to said switch the first time for extending a connection, and means effective whenever the mechanism is to be connected to said switch a second time during the extension of the same connection to use a different one of said connectors.

1,623,778. STREET FLUSHER. WILLIAM H. COOKE, Buffalo, N. Y., assignor to Convertible Wagon-Trailers Inc., Buffalo, N. Y. Filed Mar. 6, 1925. Serial No. 13,553. 3 Claims. (Cl. 299—36.)



1. In a street flusher, the combination with a water tank mounted on a conveyance and having a water outlet, of perforated pipes connected with said outlet horizontally disposed and arranged in angular relation the one to the other and with their outer ends overlapping and extending beyond the centre line of travel of said conveyance.

1,623,779. KILN FOR GLASS MELTING AND LIKE PURPOSES. GEORGE E. CRAWFORD, Trenton, N. J., assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio, a Corporation of New York. Filed Oct. 19, 1923. Serial No. 669,565. 8 Claims. (Cl. 49—59.)



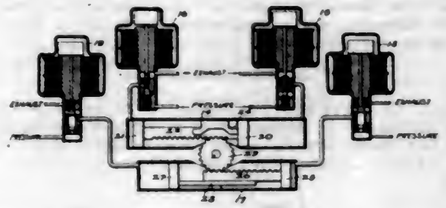
1. In a kiln comprising an elongated kiln chamber and a movable hearth separated from a portion of the kiln structure at one side of the hearth by a clearance space, the improvements which consist in a conveyor beneath and running longitudinally of said space and adapted to receive material passing downwardly through said space.

4. In a tunnel kiln comprising an elongated kiln chamber and a movable hearth separated from a portion of the kiln structure at the side of the hearth by a clearance space, the improvement which consists in mechanism comprising movable material engaging parts located in the kiln chamber below said space for collecting and removing material passing downwardly through said space.

1,623,780. FLUID-PRESSURE-OPERATED DEVICE. CLARENCE T. CROCKER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 17, 1921. Serial No. 515,996. 9 Claims. (Cl. 121—38.)

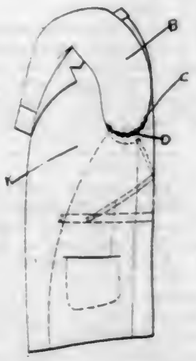
7. The combination with a controller having a shaft, of a pneumatic motor having a piston directly connected to the said shaft for operating the same each way from

a predetermined position to other definite positions, and a second pneumatic motor having a plurality of pistons operatively connected to the said shaft, one of said



pistons serving as a stop for the shaft and the other of which returns the said shaft to the said predetermined position.

1,623,781. COAT. FRANK DALKNER, Allentown, Pa. Filed Mar. 23, 1926. Serial No. 96,686. 2 Claims. (Cl. 2—93.)



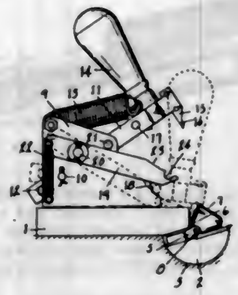
1. In a coat, a body portion, a sleeve, said sleeve being attached to the arm-hole by a normal line of stitching on the upper portion of said sleeve, an extensible fold attached to the lower part of the arm-hole of said sleeve and elastic members attached to said fold tending to keep same in a contracted position, said elastic members crossing each other at the back and each having its end attached to the side of the coat opposite the fold to which its other end is attached.

1,623,782. GOLF TEE. LEONARD MAURICE EDWARD DENT and ALECK MACKENZIE, London, and JOHN WHITE, Sunningdale, England. Filed Sept. 9, 1924, Serial No. 736,697, and in Great Britain Aug. 21, 1924. 7 Claims. (Cl. 273—33.)



1. An aluminum golf tee comprising a cup-shaped head to receive the ball, a stem sharpened to a point to be pressed into the ground and a barb upon said stem, for the purpose specified.

1,623,783. FASTENER-SETTING MACHINE. JAMES K. DIAMOND, Grand Rapids, Mich., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Filed Dec. 1, 1926. Serial No. 152,009. 11 Claims. (Cl. 1—49.4.)

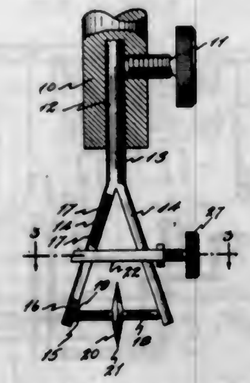


6. In a structure of the class described, the combination of coacting jaws, a fastener holder adapted to receive a plurality of fasteners operatively associated with said jaws, a stripper supported for reciprocating and swinging movement and provided with notched work engaging teeth spaced to pass between the fasteners mounted in said holder, a cam with which said stripper engages on its down stroke whereby the stripper is guided into operative relation to the work, a stripper control lever engaging said stripper during the initial part of its return stroke whereby the stripper is moved forward, and a stop limiting the upward movement of said control lever whereby the stripper is disengaged therefrom on the return stroke of the stripper.

1,623,784. INCANDESCENT FILAMENT. GORTON R. FONDA, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 1, 1923. Serial No. 635,970. 5 Claims. (Cl. 176—132.)

1. A composition consisting of tungsten in preponderating amount and containing fractional percentages of thorium and copper.

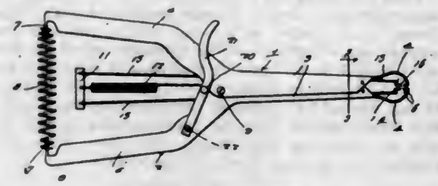
1,623,785. SOUND-REPRODUCER MOUNTING. GEORGE A. GILLEN, Jersey City, N. J., assignor to Gillen Laboratories Corporation, Elmhurst, Long Island, N. Y., a Corporation of Delaware. Filed Sept. 18, 1926. Serial No. 136,938. 7 Claims. (Cl. 274—38.)



7. As a new article of manufacture, a stylus for sound reproduction comprising a shank adapted to fit the stylus arm of a sound reproducer, divergent arms formed

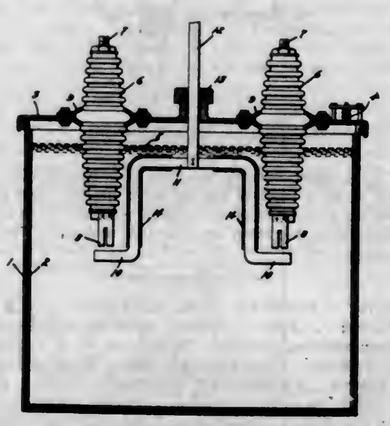
at one end of the shank, a shaft rotatable adjacent the free ends of the arms, a stylus disc mounted on the shaft, the arms being provided at spaced intervals with horizontally aligning recesses, a yoke, a boss carried by the yoke and adapted to enter certain of the recesses, and a screw carried by the yoke for entrance into the recess opposite the boss.

1,623,786. AUTOMOTIVE TOOL. HENRY A. GIRARD, Hartford, Conn. Filed May 17, 1926. Serial No. 109,665. 4 Claims. (Cl. 29—86.2.)



1. In a tool of the class described, a pair of pivotally connected handles provided with arms having jaws formed at their outer ends, a plunger-like device including gripping elements associated with said jaws, and a pivotally mounted operating lever connected with said plunger like device for moving it in one direction.

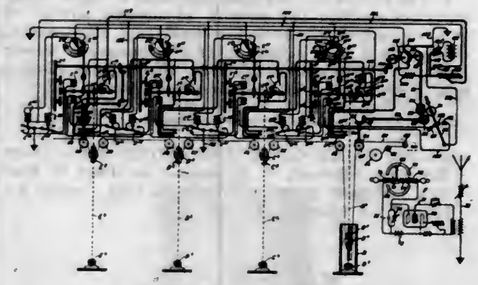
1,623,787. ELECTRIC SWITCH. JOHN D. HILLIARD, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 17, 1922. Serial No. 601,636. 2 Claims. (Cl. 200—150.)



1. A fluid switch comprising stationary and movable contacts, and a bridging member interconnecting said movable contacts, said bridging member being provided with insulation to localize at the switch contacts an arc formed by the opening of the switch and being formed to intensify the magnetic field at the switch contacts for the purpose of disrupting an arc formed by the opening of the switch.

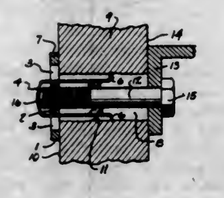
1,623,788. PHOTOGRAPHIC-DEVELOPING APPARATUS. CHARLES A. HOXIE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Oct. 29, 1920. Serial No. 420,491. 12 Claims. (Cl. 95—94.)

1. The combination of a compartment within which a sheet is to be treated, means for feeding a sheet therethrough at a constant rate, said means comprising a pulley located within the compartment and means op-



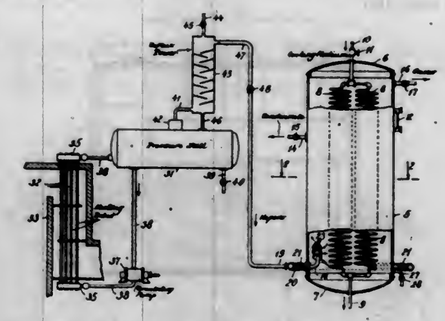
erable by the feeding means for adjusting the position of said pulley to vary the length of path of said sheet through the compartment.

1,623,789. TOGGLE AND METHOD. WILLIAM A. HUBENER, New York, N. Y., assignor to Diamond Expansion Bolt Company, New York, N. Y., a Corporation of New York. Filed Feb. 10, 1925. Serial No. 8,181. 9 Claims. (Cl. 85—3.)



3. A new article of manufacture comprising a toggle head nut provided with spring arms substantially at right angles to the toggle head nut and arranged to hold the toggle head nut adjacent to an inaccessible surface of a support and in position to be engaged by a bolt.

1,623,790. CONDENSATION OF HYDROCARBONS. EDWARD W. ISOM, Winnetka, Ill., and JOHN E. BELL, Brooklyn, N. Y., assignors to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Sept. 10, 1923. Serial No. 661,750. 7 Claims. (Cl. 196—93.)

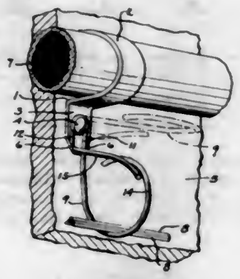


2. The improvement in the condensation of hot hydrocarbon vapors which comprises injecting the hot vapors into a body of liquid condensate thereof, cooling said body of condensate and maintaining circulation of the cooled condensate by the injection of the vapors.

1,623,791. METHOD OF RENOVATING CLOTHING. KALIL KARA-JOSEPH, Philadelphia, Pa. Filed Apr. 26, 1926. Serial No. 104,844. 6 Claims. (Cl. 8—8.)

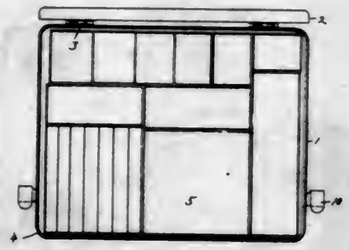
1. The method or process of renovating clothing, which comprises washing the same in an aqueous solution of soap to remove stains and dirt, dipping such washed clothing in a bath consisting of a hydrocarbon solvent to remove grease spots, and finally treating such clothing with a non-aqueous solution containing lanolin.

1,623,792. CABLE CLAMP AND BRIDLE RING. JOHN KARITZKY, Garwood, N. J., assignor to Henry B. Newhall, Plainfield, N. J. Filed Oct. 1, 1924. Serial No. 740,963. 2 Claims. (Cl. 248—36.)



2. The combination of a conduit or cable clamp having a hook and a heel or base portion provided with an opening for a securing member and with two spaced ears located at the end of the heel or base removed from the hook and extending substantially vertically, one of the ears adapted to assist in supporting a vertically mounted bridle ring, and a wire bridle ring having two spaced arms forming an open shank to fit beneath a securing member, the shank extending towards and in line with the hook, one of the arms being bent to form a shoulder to rest on one of the ears to assist in transmitting the strains from the bridle ring to the cable clamp, both ears preventing accidental swinging or swaying of the bridle ring on the cable clamp, and a securing member to cooperate with the cable clamp and bridle ring.

1,623,793. DENTAL CASE. ROBERT M. KERR, Detroit, Mich., assignor to Detroit Dental Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 21, 1924. Serial No. 708,050. 6 Claims. (Cl. 206—16.)



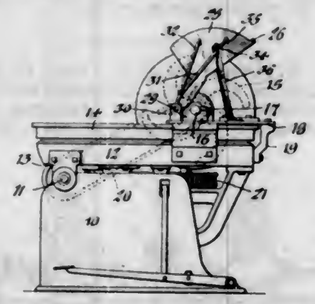
1. An instrument case comprising a body section, a cover section having a wall connected to the body section, separately removable trays in the body section for holding the instruments, and a pad secured to the cover section, said pad being saturated with a germicidal solution for sterilizing the instruments in the trays.

1,623,794. RUNNING-BOARD LUGGAGE CARRIER FOR VEHICLES. WILFRIED KLAMROTH, New York, N. Y. Filed July 25, 1923. Serial No. 653,625. 4 Claims. (Cl. 280—164.)



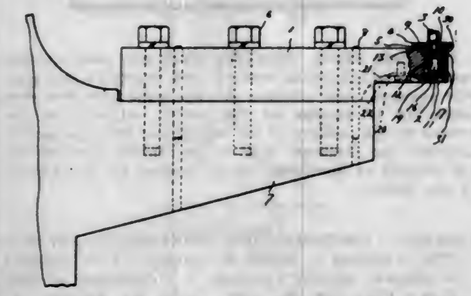
1. In a vehicle, a frame, front and rear fenders carried thereby, a frame member secured to the vehicle frame, wings hinged to the end portions of said frame member and adapted to swing upwardly therefrom and a cover hinged to the outer or free edge of the frame member and adapted to swing upwardly therefrom, said cover having flanges for enclosing the inner edge and ends of said frame member, and the frame member having channels for receiving said flanges, the cover when closed forming the running board of the vehicle.

1,623,795. ATTACHMENT FOR MEAT-CUTTING MACHINES. EUGENE W. KNOWLTON, Buffalo, N. Y., assignor to John E. Smith's Sons Co., Buffalo, N. Y., a Corporation of New York. Filed Jan. 29, 1925. Serial No. 5,493. 5 Claims. (Cl. 146—67.)



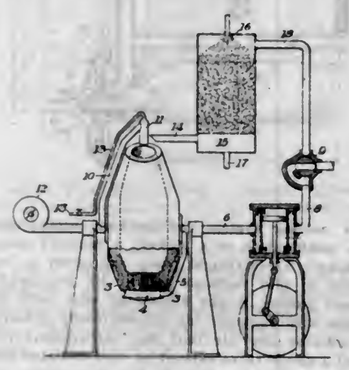
1. In a meat cutting machine, the combination of a rotary bowl, a support for the bowl tiltable from a horizontal to a substantially upright position to dump the bowl-contents, a scraper movable into and out of the bowl, and means for driving the bowl in its tilted position.

1,623,796. FIXTURE FOR RIVETING MACHINES. WALTER J. LEHMAN, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 27, 1925. Serial No. 26,221. 6 Claims. (Cl. 218—1.)



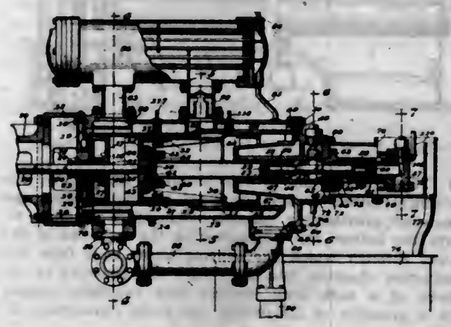
1. In a device of the class described, the combination with a piston having a projection for engagement with a rivet, of a block having a bore receiving the piston, a passage for supplying air under pressure to the bore to actuate the piston, and a radial passage, a bushing within said bore surrounding said piston and having a head constituting an anvil provided with an aperture for receiving the projection of the piston, said bushing also having a radial passage registering with the radial passage aforesaid for discharging air laterally so that it will not affect the rivet.

1,623,797. METHOD OF CONVERTING NICKEL-CONTAINING MATTE. OTTO LELLEP, Egypt, Pa., assignor to The International Nickel Company, New York, N. Y., a Corporation of New Jersey. Filed Mar. 22, 1926, Serial No. 96,443, and in Canada July 7, 1926. 7 Claims. (Cl. 75—66.)



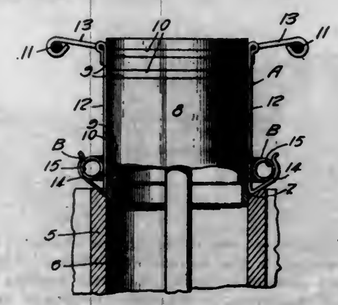
1. In the converting of nickel-containing matte, the steps consisting of forcing oxygen-containing gases through the molten matte and reducing the content of free oxygen in the blast during the later stage of blowing.

1,623,798. MULTISTAGE FLUID COMPRESSOR. ALEXANDER W. LIMONT, Jr., Bridgeport, Conn., assignor to The Norwalk Company, South Norwalk, Conn., a Corporation of Delaware. Filed June 26, 1926. Serial No. 118,624. 22 Claims. (Cl. 230—32.)



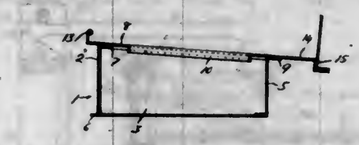
1. In a multi-stage compressor, a cylinder having a stepped bore, a cylinder-head closing the small end, a first stage piston engaging the smaller bore and acting towards said cylinder-head, said first stage piston having a skirt entering the larger bore during the piston's stroke to form therewith an annular space, a second stage piston connected to the skirt of said first stage piston engaging the larger bore and acting towards the step between said bores, the annular space between the larger diameter second stage cylinder and the skirt of said smaller diameter first stage piston constituting the second stage compressing chamber.

1,623,799. PISTON-RING TOOL. JOSEPH P. MCCARTHY, Utica, N. Y., assignor of one-third to William Cleveland and one-third to Peter Sawick, Utica, N. Y. Filed May 15, 1926. Serial No. 109,369. 7 Claims. (Cl. 29—86.4.)



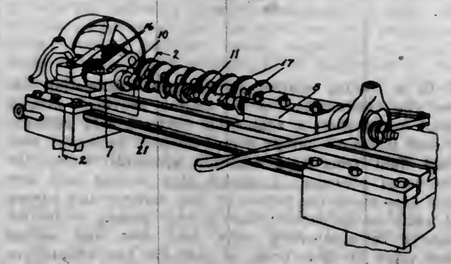
2. In a piston ring tool, the combination of a sleeve formed by a ring, a plurality of links pivotally connected to said ring, a plurality of longitudinally extending sections respectively pivoted at their upper ends to said links, and expansible means surrounding the lower ends of said sections.

1,623,800. FRONT-SEAT SUPPORT. LAMONT A. MCDOWELL, Detroit, Mich., assignor to Hupp Motor Car Company, Detroit, Mich., a Corporation of Virginia. Filed June 14, 1926. Serial No. 115,983. 4 Claims. (Cl. 155—194.)



1. A sheet metal seat structure comprising a base, a seat plate supported upon said base and having its rear portion overhanging said base exteriorly thereof and terminating in a stepped support spaced from the rear wall of said base, and a back having the lower edges thereof flanged to seat in said stepped support.

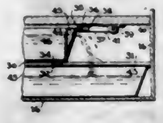
1,623,801. MILLING MACHINE. HERMAN W. MELLING, Jackson, Mich. Filed Sept. 28, 1923. Serial No. 665,348. 8 Claims. (Cl. 90—20.)



1. The combination in a machine for machining work having a portion concentric to the axis of the work and a portion non-concentric therewith, of work supporting

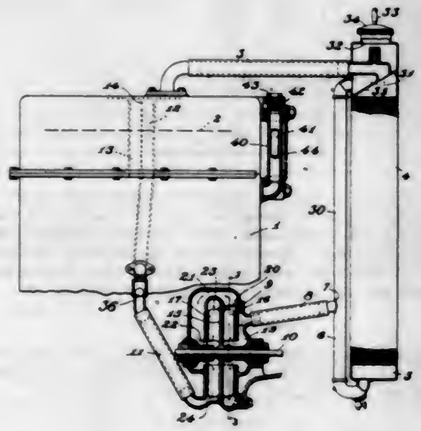
and driving means, a cutter of non-circular contour complementary to the work to be machined, said cutter having a portion concentric with its axis and a portion non-concentric therewith, and having inserted teeth between its concentric and non-concentric portions, and means for driving said cutter and work in synchronism.

1,623,802. REFRIGERATOR. THEODORE S. MORTON, St. Louis, Mo. Filed Apr. 22, 1926. Serial No. 103,688. 4 Claims. (Cl. 137—21.)



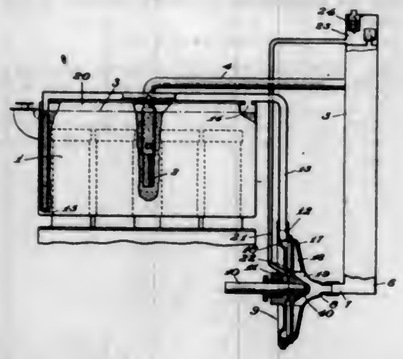
4. A refrigerator comprising an ice chamber having a drain opening in the bottom wall thereof, a stationary receiver positioned below said drain opening to receive water therefrom, a removable receptacle disposed below said receiver, and means for controlling the flow of water from said receiver to said removable receptacle.

1,623,803. COOLING SYSTEM FOR INTERNAL-COMBUSTION ENGINES. WELLINGTON W. MUIR, Lockport, N. Y. Filed Aug. 16, 1922, Serial No. 582,213. Renewed Nov. 12, 1924. 12 Claims. (Cl. 123—175.)



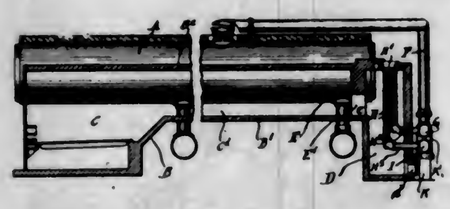
1. In a cooling system for internal combustion engines, the combination of an engine provided with a jacket; a radiator; a connection between said radiator and said jacket; a pump; a pipe adapted to convey condensed fluid from said radiator upwardly under the influence of pressure; a second pipe joining said first named pipe above the bottom of said radiator and joining said pump on its suction side; a vent leading to the atmosphere communicating with said first and second named pipes at their point of juncture and adapted to carry air out of the system; and a valved connection between the force side of said pump and said jacket, substantially as described.

1,623,804. COOLING SYSTEM FOR INTERNAL-COMBUSTION ENGINES. WELLINGTON W. MUIR, Lockport, N. Y. Filed Dec. 9, 1922, Serial No. 606,013. Renewed Sept. 18, 1925. 11 Claims. (Cl. 123—174.)



3. In a cooling system for internal combustion engines, the combination of a jacket; a radiator connected to said jacket; a centrifugal pump connected at its central portion to said radiator and at its peripheral portion to said jacket; means associated with said central portion and said radiator for automatically drawing off to said radiator any air that may accumulate in said pump; and a check valve carried by said radiator adapted to permit said air to escape to the atmosphere and to prevent air from entering the system.

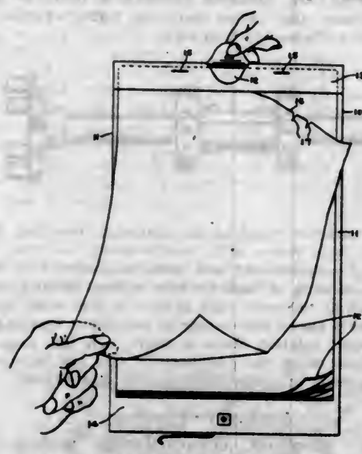
1,623,805. SUPERHEATER BOILER. JOSEPH JOHN NELIS, Brooklyn, N. Y., assignor to Power Specialty Company, New York, N. Y., a Corporation of New York. Filed Jan. 29, 1925. Serial No. 5,420. 4 Claims. (Cl. 122—170.)



1. The combination with a plurality of side by side horizontal boilers with internal return flue passages and a housing providing a common combustion chamber beneath the boilers and a chamber at the rear end of the boilers through which the heating gases pass from the combustion chamber into the return flue passages of the boilers, of a baffle wall between said chambers formed with a plurality of distributed gas ports connecting the chambers.

1,623,806. TISSUE-PAPER PACKAGE. BERNARD A NIENHAUSER, St. Paul, Minn., assignor to Minnesota Wax Paper & Envelope Co., St. Paul, Minn., a Corporation of Minnesota. Filed July 9, 1924. Serial No. 725,026. 1 Claim. (Cl. 206—57.)

A package for individual sheets including a protecting back adapted to be rolled about said sheets, and having one edge turned over on said sheets, fastening means for holding together back, turned over edge and sheets,



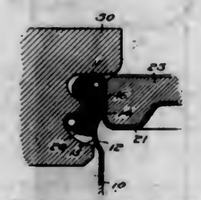
said turned over edge having a tab cut therefrom and connected to the back to rear of the fastening means whereby to provide a holding means.

1,623,807. METHOD OF MAKING FLASH-LIGHT CASINGS. ERASTUS G. OAKLEY, Southport, Conn., assignor to Bridgeport Brass Company, Bridgeport, Conn. Filed Aug. 12, 1924. Serial No. 731,590. 18 Claims. (Cl. 153—70.)



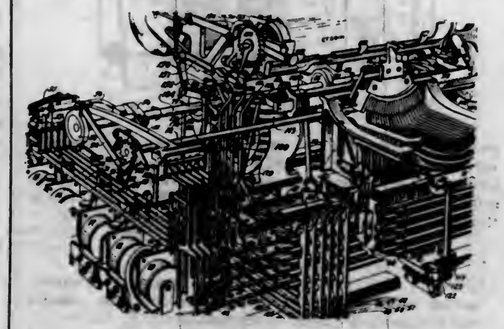
1. The method of making a fluted casing which comprises drawing from a suitable blank a tubular shell having a reduced end portion and drawing said shell reduced end first through a fluted die to impress flutes upon the unreduced portion of the shell.

1,623,808. OUTTURNED-EDGE CAN CLOSURE. FRANK J. O'BRIEN, Baltimore, Md., assignor to Southern Can Company, Baltimore, Md., a Corporation of Maryland. Filed Feb. 12, 1923. Serial No. 618,663. 1 Claim. (Cl. 220—46.)



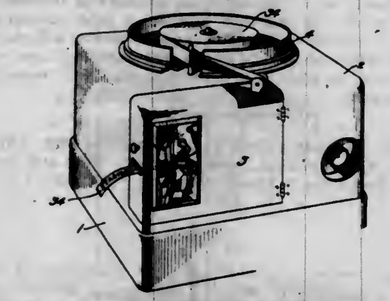
A can seam including a container having an annular indentation on the inside producing an exterior ridge forming a shoulder near the mouth of the container, an outturned stiffening rolled edge on the container, a gasket engaging said container between the rolled edge and the ridge, a cover frictionally engaging the container between said rolled edge and said indentation and extending beyond the wall of the container parallel to the plane of the mouth and then turned downward to form a channel, the outer wall of the channel being indented to compress the gasket against the can body and a stiffening rolled edge on said cover.

1,623,809. PRINTING TELEGRAPHS. HARRY PFANNENSTIEHL, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 21, 1920. Serial No. 397,903. 39 Claims. (Cl. 178—27.)



1. In a printing telegraph receiver, a plurality of selecting members capable of being moved simultaneously to either of two positions, and selecting mechanism for positively and simultaneously moving said members individually to either of the two positions to form various characteristic selecting combinations.

1,623,810. PRINTING TELEGRAPHY. HARRY PFANNENSTIEHL, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 24, 1922. Serial No. 531,337. 21 Claims. (Cl. 178—34.)

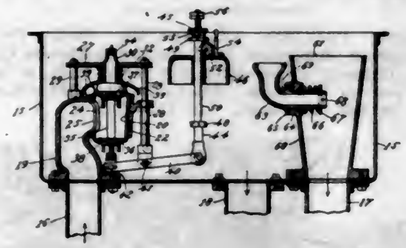


1. In combination, a type wheel having a solid rim with characters arranged on one side thereof, a plurality of rotatable selecting members arranged to occupy either of two positions, means for retaining said members in their actuated position, means responsive to selecting units to permit said members to be positioned in predetermined combination with respect to said retaining means, a source of power normally disconnected from said type wheel, and means controlled by said selecting members for connecting said source of power to the type wheel to position said type wheel in a printing position.

1,623,811. LIQUID-LEVEL REGULATING AND CONTROLLING APPARATUS. HENRY D. POWNALL, Canton, Ohio. Filed Oct. 10, 1924. Serial No. 742,949. 4 Claims. (Cl. 137—68.)

1. Liquid level controlling apparatus comprising a liquid container, a liquid supply conduit leading to said

container, a valve casing connected to the exit end of said supply conduit, a chambered valve seated in said valve casing and manually operable to open and close a port from said supply conduit to the interior of said valve, a pair of connected valves operable to open and



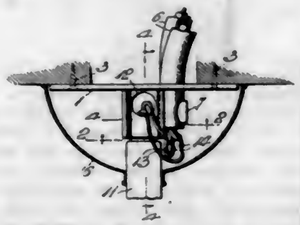
close ports from opposite ends of said manually operable valve to the interior of said liquid container, and a float located in said container and operatively connected to said connected valves to actuate said connected valves through changes in the liquid level in said container.

1,623,812. GAS SAFETY PLATE. HARRY F. PREFONTAINE, Brooklyn, N. Y. Filed June 30, 1926. Serial No. 119,638. 1 Claim. (Cl. 126—42.)



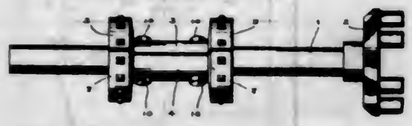
In an attachment for stoves, the combination of a support, a plate having integral pintles formed therein whereby the plate is hinged with respect to the support; said plate having a flat upper wall and an integral forwardly and downwardly extending front wall with apertures arranged therein to accommodate the gas keys of the stove when in partial or full open position, a latch pivotally secured on one end wall of the plate and having a hooked forward portion adapted to engage the main feed pipe of a stove when the plate is in a plane parallel with respect to the support.

1,623,813. COMBINATION FIXTURE SUPPORT AND BASE. DAVID SCHELL, Myerstown, Pa. Filed Oct. 14, 1924. Serial No. 743,580. 5 Claims. (Cl. 247—1.)



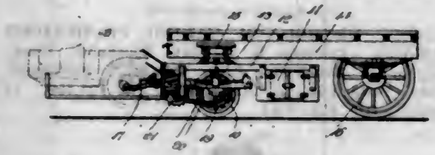
1. A device of the class described comprising a reversible plate, means for effecting securing of either side of the plate against a wall or ceiling, means for securing current conductors to the plate when the latter is mounted in either of its relatively reversed positions, said plate being apertured to receive the conductors, and means at one side of said plate for securing an electrical illuminating fixture thereto when said side is exposed, said plate having means to facilitate the attachment thereto of other electrical contrivances when the other side of said plate is exposed.

1,623,814. SPLIT SPROCKET. NELSON HOWELL SCOTT, La Fayette, Ga., assignor of one-half to L. B. Day, La Fayette, Ga. Filed July 16, 1926. Serial No. 122,939. 1 Claim. (Cl. 74—31.)



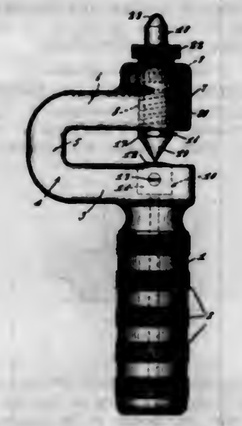
A film sprocket wheel of the character described, comprising a hub sleeve split longitudinally to form two sections, a semi-circular web extending outwardly from each end of each of said sections, a semi-circular wheel rim formed at the outer edge of each of said webs, means whereby said sleeve halves may be secured in longitudinal edge opposed relation about a shaft, and film engaging studs formed upon the periphery of said rim halves for the engagement of a rim passing over said halves.

1,623,815. TRACTOR ATTACHMENT. BENJAMIN F. BROOKE SEWELL, Chula, Va. Filed Apr. 1, 1925. Serial No. 19,901. 3 Claims. (Cl. 180—14.)



1. A tractor attachment for motor vehicles, comprising a traction unit embodying a pair of wheels, a lever mounted upon said wheels as a fulcrum, the front of said lever supporting and raising the rear of an automotive vehicle from the ground, the rear of said lever supporting a counter-weight for lifting and supporting said vehicle, and means for transmitting power from the suspended vehicle to drive said traction unit.

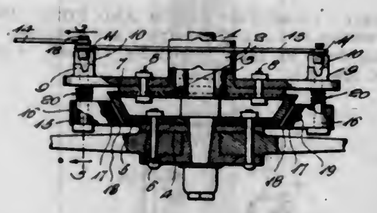
1,623,816. SAW-CRACK PUNCH. JOHN R. SPENCER, Kingsford, Mich. Filed Nov. 6, 1925. Serial No. 67,404. 1 Claim. (Cl. 81—3.)



A punch of the character described, comprising a substantially U-shaped member, one leg of said member having a longitudinally bored head formed transversely there-

of, screw threads formed in the outer end of the bore of said head, a handle extending from the other leg of said member in alignment with said bored head, said handle having a longitudinally extending passage therethrough terminating in a recess, a punch comprising a head adapted to fit and move snugly in said bore and a shank carried by the head and extending beyond the outer end of the bore, a coiled spring surrounding said shank and bearing against the back of said head, a sleeve threaded into the bore and bearing at the inner end against said spring, an anvil positioned in said recess, and a securing element extended into the side of the recessed leg into said recess to engage said anvil.

1,623,817. BRAKE. NILES P. SWARTZ, Dalton, Pa. Filed Oct. 16, 1924. Serial No. 744,067. 1 Claim. (Cl. 188—71.)



In brake mechanism, the combination of an axle having a casing and roller bearings as well as a wheel secured thereon, a cone-shaped plate secured on the hub of the wheel, an integral portion formed on the casing and providing a flange that rests on the cone-shaped plate, a bar secured to the flange; said bar adapted to extend around the axle, notched lugs formed on the bar, arms having noses adapted to seat in the notches of the lugs, bolts adapted to pass through the arms, a connector rod extending from the arms, a pull rod secured to one of the bolts and adapted to turn the arms, a brake plate adapted to exert pressure on the cone-shaped plate and having ears thereon, bolts adapted to pass through the ears and through the inner ends of the arms, linings arranged in the brake and springs surrounding the last named bolts and interposed between the ears of the brake and the ends of the first named bar.

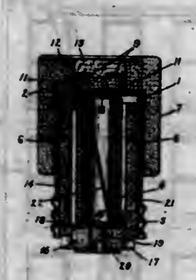
1,623,818. ADJUSTABLE SEAT. AUGUST TICHOTA, Dodge, Nebr. Filed Oct. 8, 1926. Serial No. 140,320. 4 Claims. (Cl. 155—115.)



1. A seat including pivotally connected sections oppositely disposed, a cover plate upon the sections, means upon the plate and adjustably connected to the respective sections for holding said sections at predetermined distances apart, and means for clamping the plate and sections together.

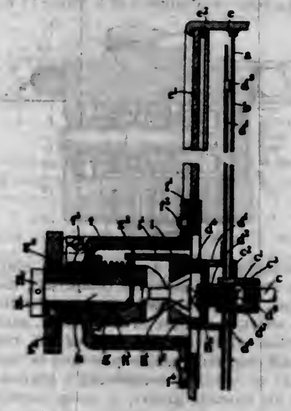
1,623,819. FUSE PLUG. OTTO H. VAN AMBURG, Bridgeport, Conn., assignor to General Electric Company, a Corporation of New York. Filed Dec. 19, 1923. Serial No. 681,606. 3 Claims. (Cl. 200—128.)

1. A fuse plug comprising an insulated threaded side contact shell, a lower shell of insulation provided with a center contact and adapted to be telescopically assembled detachably within said side contact shell, a longitudinal bridge on said contact shell adapted to frictionally retain said lower shell therein, and a fusible element support



adapted to be assembled detachably within said lower shell and to support the ends of the fusible element in engagement with said side contact shell and said center contact.

1,623,820. AUTOMATIC WEIGHING MACHINE. ROGER ROLLESTON WEST, Norwood, London, England. Filed Jan. 3, 1927, Serial No. 158,759, and in Great Britain July 28, 1925. 8 Claims. (Cl. 265—28.)

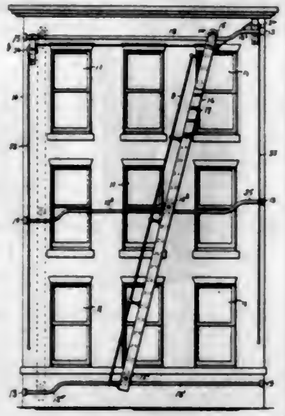


1. An automatic weighing machine adapted to indicate tare and net weights, comprising a stationary scale, a movable indicating member connected to the weighing mechanism and co-operating with the said stationary scale to give indications of the weight applied, a freely mounted indicating member also co-operating with the said stationary scale, means for maintaining the said freely mounted member in the zero position while the tare weight is being registered, and means for causing the said freely mounted member to be moved with the said movable member connected to the weighing mechanism to indicate the net weight, substantially as described.

1,623,821. FIRE ESCAPE. WILLIAM P. WESTFIELD, Park City, Utah. Filed Dec. 17, 1925. Serial No. 76,001. 2 Claims. (Cl. 228—52.)

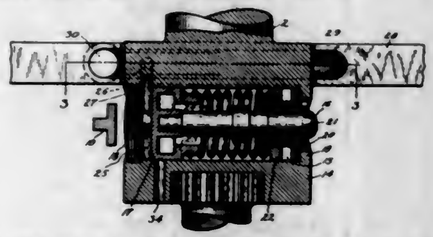
1. In a fire escape, the combination with a plurality of horizontal supporting rails, of a set of steps having rollers attached thereto in engagement with the said rails, the said rollers being attached to the said steps at greater

distances apart than the perpendicular distance between the said rails whereby the said steps are held inclined to the said rails, and one of the said rails having a raised



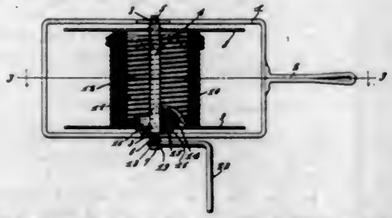
horizontal end portion whereby the steps may be raised from engagement with the lower rail and suspended vertically.

1,623,822. EMERGENCY GOVERNOR. JAMES WILKINSON, Lynnfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Oct. 5, 1925. Serial No. 60,368. 6 Claims. (Cl. 264—17.)



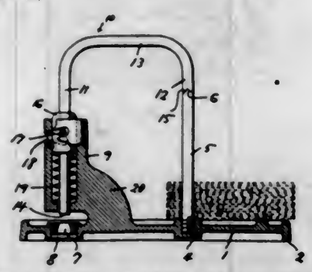
1. The combination with a shaft of an elastic fluid turbine, of an emergency governor comprising means carried by the shaft which provides a recess extending transversely of the shaft, a plunger in said recess, said plunger having a portion which fits the bore of the recess, and means for supplying fluid under pressure to said recess while the shaft is rotating, comprising a stationary wall which defines an annular groove, a scoop carried by the shaft which scoop moves in said groove as the shaft rotates, a conduit which connects the scoop to said recess, and means for supplying fluid to said groove.

1,623,823. MANUALLY-CARRIED TRANSPORTING DEVICE FOR ELECTRICAL CONDUCTORS. HALTON A. BITTICK, Taylor, Tex. Filed July 11, 1925. Serial No. 43,051. 3 Claims. (Cl. 173—367.)



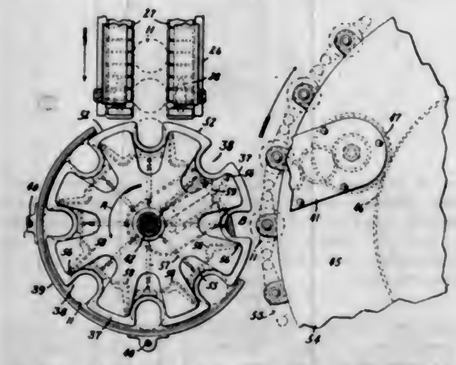
1. A manually carried transporting device for an electrical conductor comprising a revoluble shaft manually operated in one direction for winding an electrical conductor having its outer end anchored to a source of electrical supply, a pair of spaced disks fixed to said shaft and one provided with an opening adjacent the axis thereof, a lengthwise split, cylindrical supporting member for receiving the windings of the conductor, said member secured to the inner faces of said disks, surrounding and spaced from said shaft and having the edges of the split thereof spaced a substantial distance from each other to provide a passage for the inner end terminal portion of the electrical conductor wound on said member, a circuit closing means mounted in said opening and extending inwardly therefrom into said passage and adapted to have the inner end terminal portion of said conductor electrically connected thereto, and said means adapted to have its outer end electrically connected with a device to receive the current from the conductor when the latter is wound off of said member.

1,623,824. COMBINED PUNCH AND FILE. JOHN A. BONDESON and ALLAN F. HUNT, San Francisco, Calif. Filed June 10, 1926. Serial No. 114,996. 8 Claims. (Cl. 129—7.)



1. A device of the class described comprising a base, vertical guide pins arranged on the base forming a file for receiving apertured cards, a closure for the upper end of the pin to prevent the accidental displacement of the cards from said pins, said closure comprising a rod having one end adapted for engagement with the upper end of each pin, a mounting for said closures, the other end of each rod providing a punch for facilitating the formation of holes in the cards to be filed on said pins.

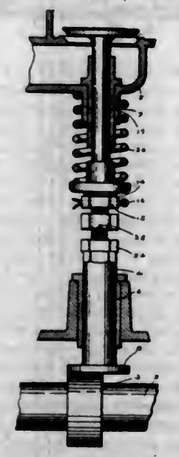
1,623,825. BULB-FEEDING APPARATUS. CARL A. BROWN, East Cleveland, and FRANK B. VAN SICKLE, Wickliffe, Ohio, assignors to General Electric Company, a Corporation of New York. Filed Mar. 24, 1925. Serial No. 18,044. 7 Claims. (Cl. 198—103.)



1. In an apparatus for feeding glass bulbs and similar articles which comprise a bowl portion and a neck portion, the combination of a conveyor comprising a slot of

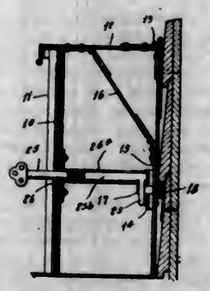
such width that the neck portion of said article may swing therethrough by gravity and allow the article to be suspended by the bowl portion, means for moving said conveyor, a substantially horizontally disposed rotary member mounted below the discharge end of said conveyor and comprising peripheral pockets adapted to receive said articles as they are discharged from said conveyor and means for continuously rotating said member.

1,623,826. POPPET VALVE. JOSEPH F. BURLESON, Scottsdale, Ariz. Filed June 7, 1926. Serial No. 114,370. 3 Claims. (Cl. 123—90.)



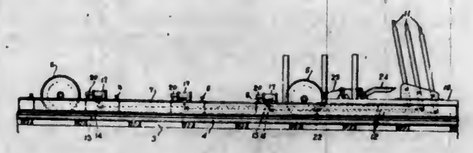
1. In a valvular means for internal combustion motors a spring controlled poppet valve having the lower portion of its stem of polygonal contour, and means for intermittently lifting the valve, said means provided with a polygonal shaped socket receiving said polygonal shaped end of the stem to provide for turning or movement of the valve on the lift thereof.

1,623,827. MILK BOX. CLAUD CALLISON, Loyal, Okla. Filed Sept. 6, 1924. Serial No. 736,312. 2 Claims. (Cl. 232—41.)



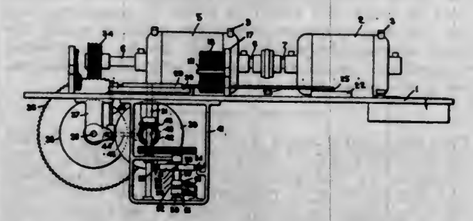
1. A device of the class described comprising a box, a closure therefor, a lock member connected with said closure, a lock bar slidably associated with the box, a latch on said bar, a keeper within the box having a slot in which said latch is movable, said latch being associated with said lock member, a tube extending from the keeper to the remote wall of the box to constitute a guide, and a key operable in said tube having a bit coacting with said latch.

1,623,828. TRANSFER CAR. SHERWOOD M. CHASE, Columbus, Ohio, assignor to The Chase Foundry and Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed Nov. 3, 1926. Serial No. 146,051. 6 Claims. (Cl. 104—48.)



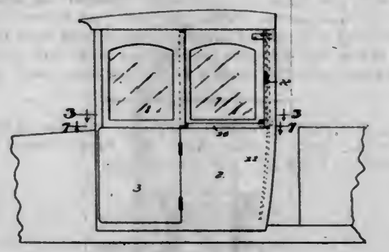
3. In combination in a stop mechanism, a rail, a reciprocating stop member adapted to have its end projected over said rail transversely thereof, and means to positively guide and position the stop throughout its movement to insure its exact location over the rail in stopping position without the necessity of the operator adjusting its elevation.

1,623,829. ELECTRICAL APPARATUS COMPRISING A SLOW-WAVE GENERATOR. JOSEPH E. CLAPP, Auburndale, Mass. Filed Mar. 20, 1924. Serial No. 700,524. 17 Claims. (Cl. 171—252.)



1. A machine of the class described comprising means for supplying a basic electric current, a circuit for said electric current, means in said circuit for varying the voltage of the current in said circuit to create waves and means operable in synchronism with said wave-creating means for producing rest periods intermediate of predetermined waves created in said circuit.

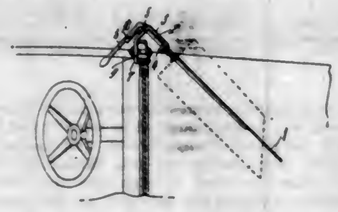
1,623,830. VEHICLE CAB. CLAUDE J. CROPP, Detroit, Mich. Filed May 5, 1924. Serial No. 711,179. 2 Claims. (Cl. 296—45.)



1. A cab for vehicles comprising a side wall embodying a panel and a corresponding entrance door, an upstanding abutment flange on the panel, a foldable storm window consisting of hingedly connected elements, one being hingedly connected at the read corner of the cab and adapted to assume a position on one side of the abutment flange, the other element, when folded, adapted to assume a position on the opposite side of the abutment flange,

and latch means carried by the cab for operative connection with the folding element, whereby the abutment flange prevents pivotal movement of the two elements toward the back of the cab.

1,623,831. HEADLIGHT GLARESHIELD. THURMAN L. DAY, Indianapolis, Ind. Filed Apr. 29, 1925. Serial No. 26,723. 1 Claim. (Cl. 296—97.)



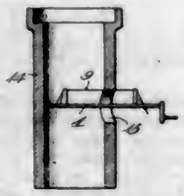
A device for the purpose indicated comprising a bracket for attachment to the windshield frame of an auto vehicle, a rod journaled in said bracket and provided with an angular extremity serving as an actuating handle to impart turning movement to said rod, and a shield extending in the direction of the length of the rod and secured to the latter at the longitudinal central line of the shield, the bracket being provided with a toothed sector with the teeth of which said actuating handle is engageable, and the rod being provided with a compression spring disposed between the shield and the bracket and tending to move the rod longitudinally to effect engagement between the sector teeth and the handle.

1,623,832. INDICATOR FOR FUEL SUPPLY TANKS AND THE LIKE. JOHN D. DURANT, New York, N. Y., assignor to The Schaap-Durant Control Corporation, New York, N. Y., a Corporation of New York. Filed Dec. 3, 1924. Serial No. 753,603. 12 Claims. (Cl. 73—54.)



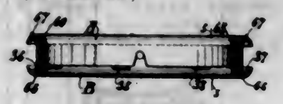
1. In apparatus of the character disclosed, a liquid containing tank, a pressure gauge, a conduit extending from said gauge into the liquid in the tank and in communication with the liquid at a pressure transmitting level in the tank and means within the tank for automatically maintaining a supply of pressure transmitting fluid in the tank below said pressure transmitting level and in communication with the conduit at a point above such level.

1,623,833. PIPE-CUTTING DEVICE. WALTER A. GEIS, Midvale, Ohio. Filed Aug. 20, 1926. Serial No. 130,537. 4 Claims. (Cl. 25—105.)



1. The combination of a shaft pointed at one end and having a handle at the opposite end, standards mounted on the shaft and secured thereto, a cutting edge formed in one of the standards and a wire anchored in the shaft and adapted to rest in the standards and means for taking up the slack of the wire between the standards.

1,623,834. DEMOUNTABLE INTERLOCKING RIM FOR VEHICLE TIRES. JOHN HENRY GILDERSLEEVE, Corona, N. Y. Filed Aug. 15, 1924. Serial No. 732,328. 1 Claim. (Cl. 301—35.)



In a demountable rim for a vehicle wheel the combination of an inner annular member having a continuous inner smooth face of a width to extend across the full width of the felly of the wheel, a flange at one side of said inner annular member, interlocking projections each approximately comprising a quadrant of the said inner member integral with and extending from the outer face of the member and forming recesses between them, each recess approximately constituting a quadrant in the outer face of said inner member, an outer annular member for the demountable rim, a flange at one side of said outer member, oppositely positioned to the flange of the inner member, said outer member having a smooth outer face extending from its flange, to the flange of the inner member when in operative position therewith, said outer member adapted to be coaxially superposed over the inner member and projections integral with and extending from the inner face of said outer member, the latter projections each approximately comprising a quadrant of the member and forming recesses on the inner face of said outer member, the projections of each of said members adapted to lock with the recesses of the other member.

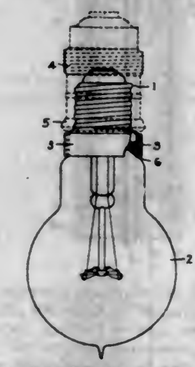
1,623,835. SPRING ROLLER FOR BLINDS AND SCREENS. ANNIE GLENISTER, Epsom, England. Filed June 1, 1925, Serial No. 34,141, and in Great Britain Oct. 28, 1924. 2 Claims. (Cl. 156—36.)



1. A spring roller for blinds and screens comprising a roller having a recess at one end, a pin at the other end of said roller, a sleeve secured to the recessed end of said roller and forming an extension of said roller, a bearing plate fixedly secured inside said sleeve, a spindle revolubly mounted in said bearing plate and in the recessed end of said roller, a spring coiled around said spindle, one end of said spring being secured to the spindle whilst the other end thereof is secured to the bearing plate, pins passing through said spindle and being arranged on opposite sides of said bearing plate so as to prevent axial movement of said spindle, inwardly directed stops secured to said sleeve, a catch pivotally mounted on said spindle, said catch being adapted to pivot in a plane parallel to the longitudinal axis of said spindle, the cooperation between the catch and the stops being such that when the roller is moved from a horizontal into an inclined position the catch falls by gravity into engagement with one of the stops and remains in engagement therewith even after the roller has been returned to a horizontal position, but when the blind is slightly unwound the said catch falls by gravity into a position in which it is disengaged from the stop, a hook shaped extension formed at the free end of said spindle, and a slotted plate, the slot in said plate being adapted to receive the hook shaped extension, said slot being of such a size that the hook

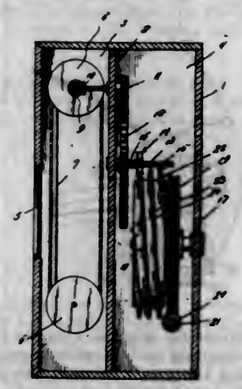
shaped extension can only be engaged and disengaged from the said slot when the roller is in an inclined position, thus ensuring the catch being brought into engagement with one of the said stops.

1,623,836. METAL CAP FOR ELECTRIC INCANDESCENT LAMPS AND ITS MANUFACTURE. LADISLAUS PETER GRÄNER, New York, N. Y., assignor, by mesne assignments, to General Electric Company, a Corporation of New York. Original application filed Nov. 17, 1923. Serial No. 675,400, and in the Netherlands Jan. 1, 1923. Divided and this application filed Nov. 3, 1924. Serial No. 747,446. 3 Claims. (Cl. 176—37.)



1. The process of applying a metal ring to the outside cap terminal of an electric device having a sealed envelope which consists in coating the part of the cap over which the ring is to be applied with a layer of an insulating medium, heating the ring and pressing it in place over the layer of insulation.

1,623,837. MOVABLE-SIGN EXHIBITOR. ALPHONSO J. GUTIERREZ, Detroit, Mich. Filed Apr. 25, 1925. Serial No. 25,829. 2 Claims. (Cl. 40—42.)



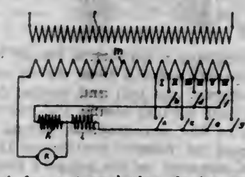
1. A sign exhibitor of the class described embodying a sign displaying reel, and means for operating said reel comprising a rotatably mounted spiral, said spiral including a circular drum having a spiral thread upon its periphery, said thread having its convolutions formed in circumferentially spaced seats and complemental shoulders, a shaft mounted for rotation and extending transversely across said thread, a toothed element slidable upon said shaft and keyed thereto for rotation therewith, the teeth of said element being adapted for successive coaction with said shoulders and seats, and spring means for constantly pressing said element into contact with said thread.

1,623,838. HAIR WAVER. BESSIE E. HAYNES, Washington, D. C. Filed Oct. 29, 1926. Serial No. 144,999. 4 Claims. (Cl. 132—41.)



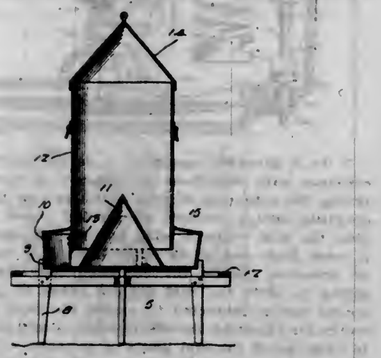
1. A hair waver comprising a body portion shaped to provide a slot longitudinally thereof through which the hair may be crimped to form a wave, a bar attached to said body portion and movable through said slot for forming and maintaining the wave, and means for connecting said bar to the body portion so that said bar after passing through the slot may be moved laterally to one side of said slot.

1,623,839. CONTROL OF CHOKE COIL WITH SWITCHING-IN TAP TRANSFORMER. ALBERT HUNDT, Karlshorst, Germany, assignor to General Electric Company, a Corporation of New York. Filed Aug. 22, 1925, Serial No. 51,886, and in Germany Sept. 4, 1924. 3 Claims. (Cl. 171—119.)



3. A control for a translating device supplied with a variable voltage through taps of a transformer in which the translating device is connected to a point between two substantially similar connected choke coils and the ends of such coils are connected to tap switches in such manner that a progressive operation of the switches first places one of the choke coils in series with the translating device, then the choke coils across taps of the transformer, then the other of the choke coils in series with the translating device, characterized by the provision of a movable magnetic element for each of said coils and means for alternately moving said elements into and out of intimate relation with their respective coils as the tap switches are progressively operated, for the purpose specified.

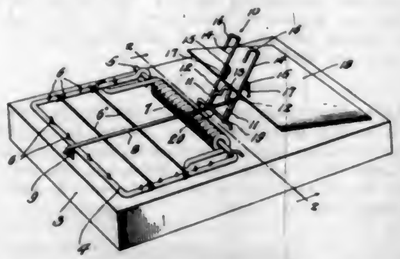
1,623,840. CHICKEN FEEDER. CHARLES KASSY, West Newton, Pa. Filed Jan. 13, 1926. Serial No. 80,991. 1 Claim. (Cl. 119—52.)



A chicken feeder of the class described comprising a stand including a pair of cross members, each of which includes a pair of spaced parallel bars, vertically ar-

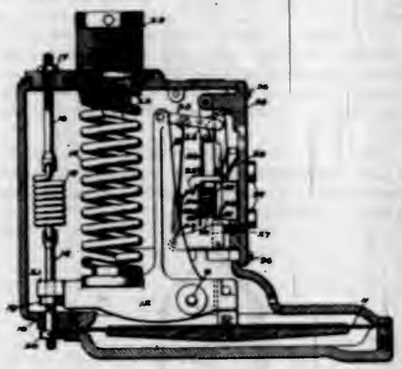
ranged supporting legs secured between the spaced bars of each cross member, the upper ends of said supporting legs extending above the cross bars and being rabbeted, a pan shaped trough supported on the rabbeted portions of said supporting legs, a feed distributor cone disposed vertically within the trough and extending upwardly therefrom, an open ended hopper disposed within the trough around the cone and spaced from the bottom wall of the trough, and a perch extending around the outer ends of the cross members and secured thereon.

1,623,841. DOUBLE-ACTING TRAP. CLIFFORD F. KING, New Orleans, La. Filed June 22, 1926. Serial No. 117,710. 3 Claims. (Cl. 43—81.)



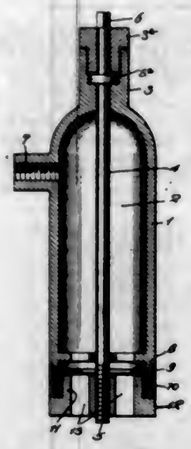
3. A trap comprising a support, a barbed bail pivotally mounted thereon and adapted to be placed under tension, a bail shank adjacent the bail and having fasteners and further having bait holding means and reduced portions, a rod secured to the support and having a free end adapted to engage the reduced portions of the bail shank and a platform mounted on the support and having one end thereof engaging the fasteners.

1,623,842. AUTOMATIC PRESSURE REGULATOR. TERRY T. KING, Fort Wayne, Ind., assignor to General Electric Company, a Corporation of New York. Filed Mar. 18, 1924. Serial No. 700,187. 10 Claims. (Cl. 200—83.)



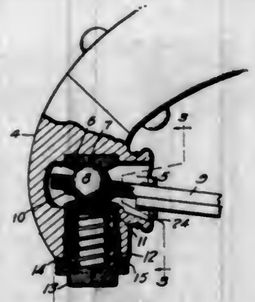
1. In a pressure regulator, a device operated in accordance with variations in pressure, a spring for opposing the actuation of said device in one direction, cooperating switch contacts opened and closed by said device, the said contacts being operated by said device at a lower limit and at an upper limit of a definite range of pressures, means for adjusting the strain of said spring to shift the said definite range of pressures, a second spring connected to oppose the said first spring, means for adjusting the effectiveness of said second spring to vary one of the said limits of pressure, a third spring cooperating with said contacts and said device for operating said contacts, and means for adjusting the said third spring to vary the other limit of said definite range of pressure.

1,623,843. PUDDLE PLUG. HARRY W. KLINCK, Logansport, Ind. Filed Jan. 16, 1926. Serial No. 81,751. 7 Claims. (Cl. 137—78.)



1. In a device of the character described, the combination with a water pipe, of a chambered plug for insertion horizontally into the open end of the water pipe, means for rendering the connection between the plug and pipe water tight, and a pipe in communication with the chamber of the plug for leading the water for a distance in the general direction of the water pipe.

1,623,844. END CONNECTION FOR VEHICLE SPRINGS. AXEL W. KOGSTROM, Upper Darby, Pa., assignor of one-half to Allison F. H. Scott, Philadelphia, Pa. Filed Feb. 4, 1925. Serial No. 6,830. 8 Claims. (Cl. 267—54.)

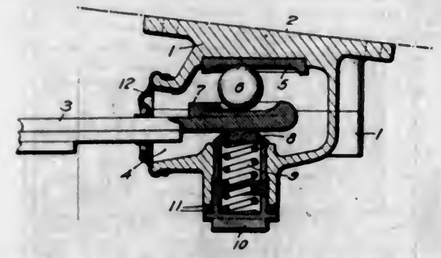


1. End connections for securing a spring to the frame of a vehicle comprising bail members mounted on the ends of the spring and socket bearings therefor mounted on the frame, the socket bearing at one end of the spring being rigidly fixed to the frame to prevent lateral movement of the end of the spring in any horizontal plane but permitting torsional movement thereof without imposing any stress upon the frame.

1,623,845. END CONNECTION FOR VEHICLE SPRINGS. AXEL W. KOGSTROM, Upper Darby, Pa., assignor of one-half to Allison F. H. Scott, Philadelphia, Pa. Filed Mar. 30, 1925. Serial No. 19,394. 10 Claims. (Cl. 267—56.)

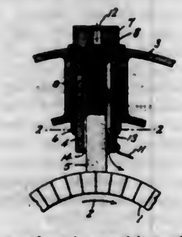
1. A shackle type of end connector for a vehicle spring comprising a bearing member carried by the vehicle frame

and a single hardened steel ball mounted to traverse said bearing and interposed between it and one end of the spring whereby the weight of the vehicle and its load is



transmitted to the spring through said ball and whereby the spring is capable of universal movement with respect to the bearing.

1,623,846. DYNAMO-ELECTRIC MACHINE. HENRY T. LANG, Cleveland, Ohio, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio, a Corporation of New York. Filed July 23, 1926. Serial No. 124,509. 6 Claims. (Cl. 171—324.)



1. In a dynamo-electric machine, the combination of a rotating part, a brush, a spring which biases the brush toward the rotating part, and means providing a conduit which extends down over the spring and terminates adjacent to the rotating part beyond the brush as regards the direction of rotation of the rotating part.

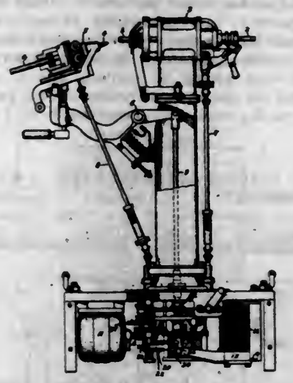
1,623,847. BUTTON. MATHILDE LIND and WERNER C. LIND, New Orleans, La. Filed June 22, 1926. Serial No. 117,738. 1 Claim. (Cl. 24—109.)



In a button, the combination of two separate members one of which is adapted to receive and engage the other in a removable manner; one of said members comprising a circular solid base portion, an integral tubular portion formed on the base portion, a nib interiorly arranged on the tubular portion, the other member comprising a circular base portion and having a solid shank portion arranged thereon; said shank portion being pointed on its free end and having a channel extending from a point slightly below the free end and terminating near the circular portion at an angle with respect to the shank.

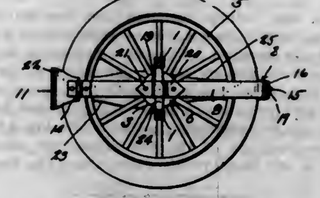
1,623,848. ARC LAMP. EDWIN J. MURPHY, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Apr. 6, 1925. Serial No. 20,927. 12 Claims. (Cl. 176—66.)

1. In an arc lamp an electrode feed mechanism, a driving element, means interposed between the driving element and the feed whereby the feed is operated by the drive at a rapid rate until the electrodes are brought into contact, and means comprising the electrodes of the lamp for causing the termination of said rapid feed when



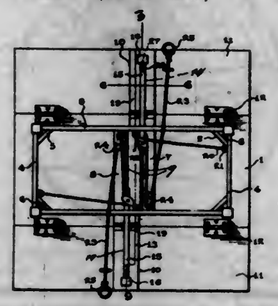
the electrodes come into contact, and independent means interposed between the driving element and the feed whereby the feed is operated by the drive at a slow rate, said independent means comprising mechanical elements to render the feeding operation intermittent.

1,623,849. SAFETY WHEEL GUARD. CHARLES F. ORRICK, Mount Vernon, Ill. Filed Dec. 2, 1926. Serial No. 152,219. 3 Claims. (Cl. 293—57.)



1. In a device of the class described, a member, in the form of a closed loop, and means for holding a vehicle wheel for rotation within said member.

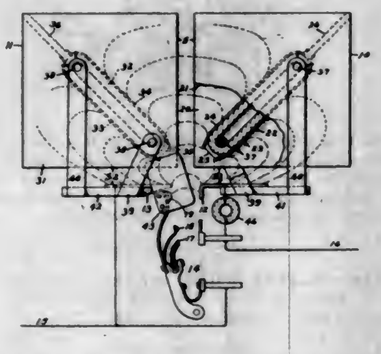
1,623,850. KITCHEN TABLE. JULIEN PATENAUDE, Waterbury, Conn. Filed Oct. 7, 1924. Serial No. 742,175. 1 Claim. (Cl. 45—118.)



A table comprising a frame and a main table top, a leaf hinged to the latter at the longitudinal edge of the same and foldable downwardly and provided on its under

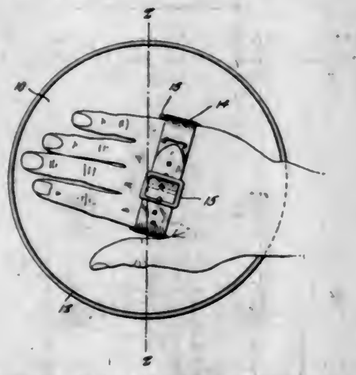
surface with a guideway, a guideway mounted on the under surface of the top in axial alignment with the guideway on the leaf when the latter is raised, a leg member slidably mounted in the guideway on the top and engageable with the guideway on the leaf when the leaf is raised to horizontal position, a tensile spring terminally secured to the leg member at the rear end of the same and having its remote terminal anchored to the top at a point lateral of the leg, a direction pulley over which said spring is trained, and a pull cord secured to the leg member and trained over a guide pulley for moving the leg member in opposition to said spring.

1,623,851. CIRCUIT-INTERRUPTER. WILLIAM E. PAUL, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed July 23, 1926. Serial No. 124,506. 9 Claims. (Cl. 200—147.)



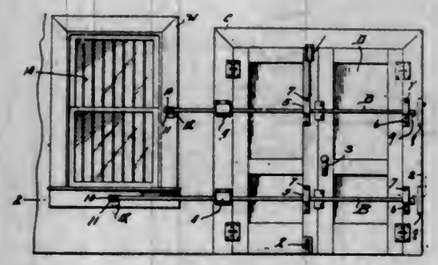
5. In a high voltage magnetic arc blowout for interrupting an electric circuit, the combination of a plurality of arc chutes grouped in spaced relation to form a restricted path for the arc with a gap between the adjacent edges of the chutes and a plurality of blowout coils each provided with arcing terminals to be included in the arc circuit as the arc lengthens and each forming a barrier in a corresponding one of the arc chutes for mechanically subdividing and magnetically attenuating the arc therein.

1,623,852. SWIMMING DEVICE. OSCAR G. PIKE, De Kalb, Ill. Filed May 26, 1926. Serial No. 111,834. 2 Claims. (Cl. 9—21.)



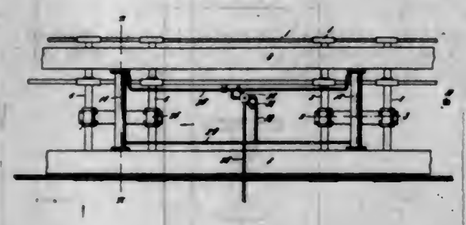
1. A swimming device comprising complementary disk members, said disks are interassociated in spaced relation to render the same buoyant, and one of the disk members is concave to provide for and facilitate the proper resistance against the water.

1,623,853. DOOR-LOCKING MECHANISM. ARNOLD N. RHODES, Rocky Point, N. C. Filed Sept. 1, 1925. Serial No. 53,885. 1 Claim. (Cl. 292—259.)



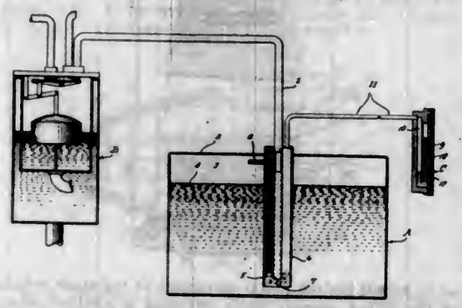
A locking device of the character described, including a stationary guide sleeve, a bracket secured to a movable door member and normally aligned with said guide member, a second bracket secured to a door frame in alignment to the first bracket and guide sleeve, an abutment plate carried by the door frame and arranged in close proximity to the second named bracket, a resilient bar slidably mounted in the guide sleeve and having one end adapted to be positioned within said brackets with the abutment plate limiting the sliding movement of the bar in one direction, a laterally extending lug on one end of the bar for engagement with one of the brackets when positioned therein to prevent sliding movement of the bar relative to the brackets and guide sleeve, locking pins retaining said bar against upward movement in the brackets, and means for securing the other end of the bar to a stationary object to prevent sliding movement of the same when in operative position.

1,623,854. SAWMILL-CARRIAGE OFFSET. JOHN HARRY ROONEY, Susanville, Calif. Filed May 12, 1926. Serial No. 108,701. 1 Claim. (Cl. 143—109.)



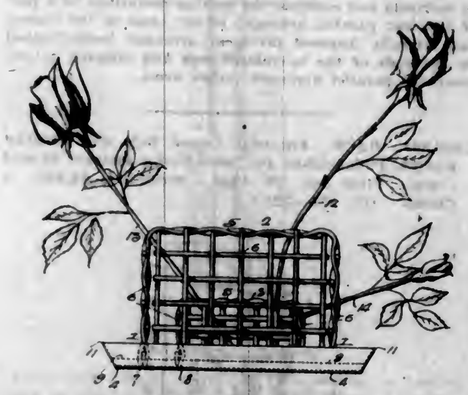
The combination with track rails, wheels thereon, axles arranged in spaced pairs connecting the wheels and a carriage including side beams having bearings that receive the respective axles therethrough, of fluid cylinders secured to the side beams between the respective pairs of axles and each of said cylinders having central openings in the sides thereof, a pair of oppositely arranged pistons in each cylinder, a piston rod connecting the respective pairs of pistons, an arm centrally secured to each piston rod, extending through the mentioned openings in the cylinders and secured to the respective pairs of axles, pipe members communicating with the ends of the respective pairs of cylinders, a by-pass between said pipe members, a valve for controlling the passage through the by-pass for directing fluid into either of the mentioned pipes, a pipe for introducing fluid into the valve, a handle centrally secured to the valve core, and breakable trip members on the bed for the carriage in the path of contact with the respective ends of the handle.

1,623,855. LIQUID-LEVEL GAUGE. ALEXANDER K. SCHAAP, Jr., Brooklyn, N. Y., assignor to The Schaap-Durant Control Corporation, New York, N. Y., a Corporation of New York. Original application filed Feb. 21, 1923, Serial No. 620,430. Divided and this application filed Mar. 30, 1925, Serial No. 19,474. Renewed Feb. 24, 1927. 2 Claims. (Cl. 73—54.)



2. In a device of the class described, a liquid containing tank, a pressure tube entered through the top of the tank into the liquid therein, a liquid withdrawing tube extending down through the pressure tube into the liquid in the tank, an air inlet tube of restricted size extending through the side of the pressure tube and opening into the liquid withdrawal tube so that upon flow of liquid through the liquid tube in either direction air will be entrained in such liquid and upon flow through the tube into the tank such air will be released at the lower end of the same, the pressure tube having an open lower end surrounding the lower end of the liquid tube to thereby receive the air thus released from the liquid tube and a pressure gauge in communication with said pressure tube.

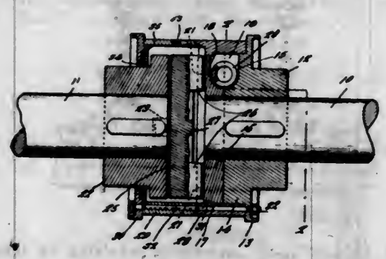
1,623,856. FLOWER HOLDER. ROBERT SHOCH, Philadelphia, Pa., assignor to M. Rice Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 3, 1925. Serial No. 54,317. 4 Claims. (Cl. 47—41.)



1. Apparatus comprising a plurality of nested cages having corresponding open sides, and a supporting member for closing said open sides.

1,623,857. FLEXIBLE COUPLING. RAYMOND A. TEEL, East Bangor, Pa. Filed July 24, 1925. Serial No. 45,912. 1 Claim. (Cl. 64—96.)

In a coupling device of the character described, the combination with a pair of shafts arranged in spaced end to end relation, of a hub member mounted upon one shaft and formed with a plurality of radially extending pockets, a disk loosely mounted upon said same shaft in contacting relation to the hub member thereon, and formed with pockets corresponding to said first named pockets, coil springs located within said corresponding pockets and having their ends abutting against the opposed walls thereof, said hub member having its face toward the opposite shaft provided with a plurality of pairs of

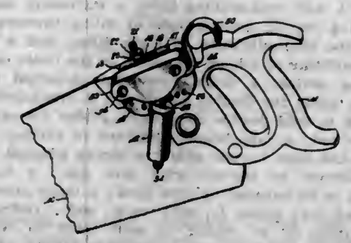


radially extending ribs, a hub member secured upon the other shaft and having its face toward the first mentioned shaft formed with a plurality of radially extending grooves, and a floating disk member located between the ends of said shaft and provided at one face with a plurality of radially extending ribs engaged between said pairs of first named ribs, said disk being provided at its other face with a plurality of ribs engaged within said grooves.

1,623,858. TREATMENT OF GUT. PAUL JOSEF WOHL, Frankfort-on-the-Main, Germany. Filed Oct. 14, 1925. Serial No. 62,457, and in the Netherlands Oct. 14, 1924. 4 Claims. (Cl. 99—8.)

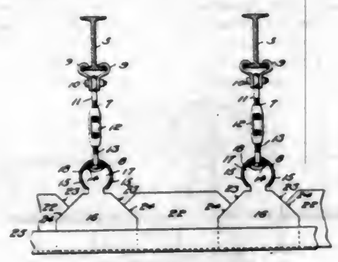
2. A method of preserving uncleaned gut casings for shipping, comprising the steps of packing the casings, after having been sterilized, in an air-tight vessel under pressure to form a compact mass therein; closing the vessel, after having been filled; introducing melted neutral fat into the closed vessel to completely fill all spaces therein; cooling and solidifying the fat; and finally hermetically sealing the vessel.

1,623,859. BLOWER FOR SAWS. CHARLES JEROME ABBEY, Skowhegan, Me. Filed May 5, 1926. Serial No. 106,911. 6 Claims. (Cl. 145—35.)



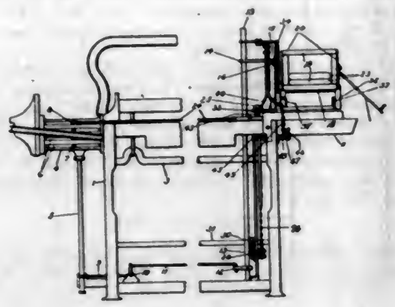
4. A sawdust blower for a hand saw comprising an air cylinder having a nozzle, means for adjustably supporting the air cylinder from the handle of the saw, a plunger arranged for movement in the cylinder, retracting means operable irrespective of the adjustment of the cylinder for retracting the plunger for the purpose of taking air into the cylinder between the plunger and the nozzle, and means which operates the plunger when the retracting means is released to eject the air from the cylinder through the nozzle in the form of a puff.

1,623,860. FURNACE-ROOF STRUCTURE. DAVISSON A. BENSON, Frostburg, Md., assignor to Standard Arch Company, Frostburg, Md., a Corporation of Maryland. Filed Mar. 26, 1926. Serial No. 97,719. 14 Claims. (Cl. 110—99.)



1. A furnace arch construction involving an integral slotted tuoular member adapted to support a plurality of bricks having heads received by said slotted tube, said member being provided with a cut out portion to permit the removal of bricks therefrom at a point intermediate its ends.

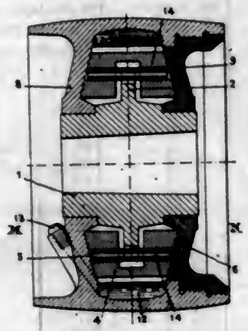
1,623,861. FILLING-REPLENISHING MECHANISM FOR LOOMS OF MORE THAN ONE SHUTTLE. EDWARD ARGEL BLACKSTON, Raleigh, N. C., assignor to Lovic Rogers Gilbert, Raleigh, N. C. Filed Aug. 15, 1925. Serial No. 50,392. 13 Claims. (Cl. 139—232.)



1. In a weft replenishing loom, a stationary magazine containing two or more groups of filling carriers differing in the characteristics of their filling and a mechanism consisting of a hook connected to the feeler or filling detecting device; a flexible connector attached to said hook; a guide for flexible connector; a cam-follower rod attached to said flexible connector; guides for said cam-follower rod; a cam follower adapted to contact with a cam on the loom bottom shaft; a spring adapted to hold said follower in contact with said cam; a bent rod adapted to be engaged by said hook; a track attached to said bent rod; guides for said track; and a sliding member adapted to be moved by said track to release a bobbin from said magazine; all substantially as shown and described.

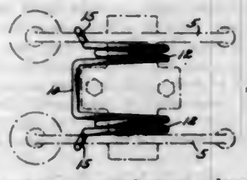
1,623,862. AUTOMATIC CLUTCH. FERNAND LOUIS BROUSSOUSE, Paris, France, assignor to Paul Jules Leboucher, Paris, France. Original application filed Jan. 6, 1923, Serial No. 611,150, and in France Jan. 11, 1922. Divided and this application filed Mar. 7, 1925. Serial No. 13,895. 2 Claims. (Cl. 192—105.)

1. A clutch comprising a driving member, a driven member having means providing an oil chamber in its outer portion, and friction clutch shoes fractionally engageable with the driven member, and means for connecting the shoes to the driving member in such manner



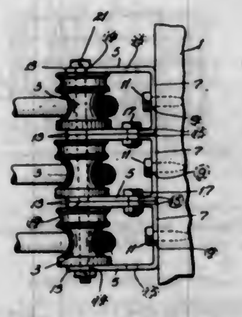
as to permit limited radial movement of the shoes relative to the driven member while affording a positive connection in respect of angular movements.

1,623,863. VALVE ROCKER ARM ATTACHMENT. THOMAS H. CADWELL, New Castle, Wash. Filed May 1, 1925. Serial No. 27,246. 1 Claim. (Cl. 123—90.)



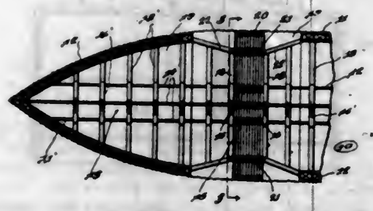
As a new article of manufacture a length of resilient wire bent intermediate its ends to provide a U-shaped member, adapted to be disposed horizontally, to lie flat upon the head of an internal combustion engine, the legs of the U-shaped member being convoluted and adapted to surround and embrace the bearing mountings of a pair of adjacent parallel arranged rocker arms of the engine, and laterally disposed divergent arranged hooks formed on the ends of the convoluted legs and adapted to embrace the parallel arranged rocker arms.

1,623,864. RACK. PHILIP H. CHASE, Bala, and WILLIAM FOSTER, Philadelphia, Pa.; said Foster assignor to said Chase. Filed Jan. 28, 1926. Serial No. 84,484. 5 Claims. (Cl. 173—321.)



1. A rack for insulators and the like comprising interchangeable units adapted to be fastened together in various juxtapositioned combinations and aggregations while in the process of installation, said units comprising portions adapted to be fastened to a common frame and laterally formed legs the adjacent legs of juxtapositioned units being held together, and a bolt passing thru the legs of the units and upon which the insulators are mounted.

1,623,865. AIRSHIP. DEMETRE DONCHEFF, East St. Louis, Ill. Filed Nov. 30, 1925. Serial No. 72,350. 3 Claims. (Cl. 244—3.)



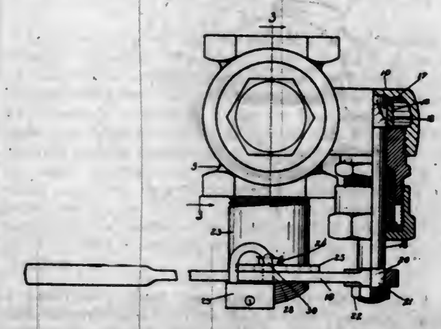
1. In a dirigible air-ship, the frame work comprising sectional members, a centrally disposed beam structure including triangular spaced plates, longitudinal beam rods, said spaced plates supported by connecting links from the body frame works, said body frame work including sectional portions defining the peripheric contours of said air-ship, coil springs distributively positioned between adjacent ends of said frame work sections, and an enveloping fabric for covering the entire structure provided with bellows-shaped portions at the several adjacent ends of the frame work.

1,623,866. PRESSURE-RELIEF MECHANISM FOR WELLS. WILLIAM D. EGENHOFF, Maricopa, Calif. Filed Dec. 28, 1925. Serial No. 77,957. 1 Claim. (Cl. 166—1.)



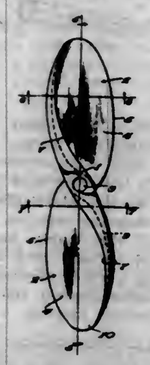
In a well tubing, an upper tube section, a bushing fitting in the lower end of said tube section and having an inner wall oval in cross section with longitudinal key ways in opposite sides across the minor axis of the inner wall, a hollow shank slidably fitting through the bushing and having longitudinal feathers at opposite sides engaging said key ways to hold the shank from turning in the bushing, said shank having flattened opposite exterior walls between the feathers for cooperation with the oval shaped inner wall of the bushing to provide lateral passages at the lower end of said tube section, said bushing having a valve seat on its upper end and said shank having a valve head on its upper end adapted to engage the valve seat when said tube section is raised to close said lateral openings, said tube section being adapted to be lowered to unseat said valve head and open said lateral passages to relieve pressure in the tube section.

1,623,867. VALVE STRUCTURE AND LOCKING DEVICE. HARRY J. ERNST, Cincinnati, Ohio, assignor to The D. T. Williams Valve Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Feb. 27, 1925. Serial No. 12,120. 3 Claims. (Cl. 70—125.)



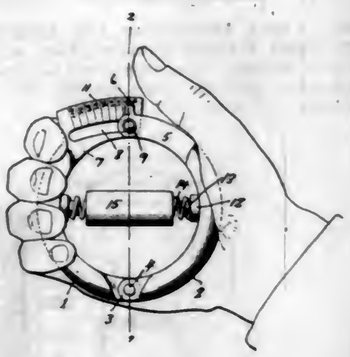
1. In a device of the class described the combination with a valve casing, of a valve in the casing and means for actuating the valve comprising a lever having a perforation therethrough, and a locking plate pivotally mounted upon the casing and having a series of perforations therethrough spaced at various distances from the pivotal mountings of said plate, the perforation in the lever being adapted to register with one of the perforations in the locking plate for receiving a staple lock whereby the valve lever and valve are locked against movement.

1,623,868. MARINE PROPELLER. JOSEPH FISCHER, Redelm, S. Dak., assignor to Fred Meyer, Redelm, S. Dak. Filed Mar. 20, 1926. Serial No. 96,226. 3 Claims. (Cl. 170—159.)



1. A marine propeller comprising a hub, and blades radiating therefrom, each blade having its leading and trailing faces respectively transversely concave and convex, the transverse curvature of the trailing face being greater than that of the leading face from a point inwardly of the leading edge of the blade to a point inwardly of the trailing edge thereof, the blade being provided along its trailing edge with a transversely curved fin of gradually decreasing width from its inner to its outer end and merging at its outer end with the margin of the leading face of the blade near the tip of the blade, the free margin of the fin overhanging the leading face for a major distance of its length.

1,623,869. MUSCLE EXERCISER. ARMANDO GIRALDI, East Braintree, Mass. Filed Apr. 3, 1926. Serial No. 99,617. 2 Claims. (Cl. 265—21.)



1. A device for the purpose set forth, comprising a ring-like member constructed of two semi-circular sections, each having one of their ends pivotally connected together, the second end of one of the segments having a slotted extension provided with a dial plate, the free end of the second extension having a pivot passing through the slot of the first mentioned section and having a finger that is movable over the dial plate, a coil spring influencing the sections away from each other and a sleeve through which the coil spring is passed for holding the spring from twisting or bulging.

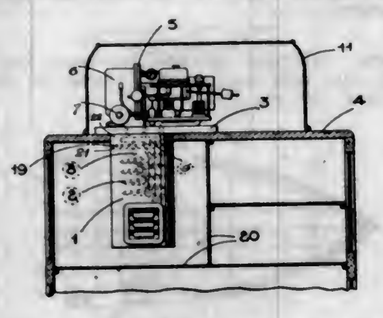
1,623,870. FISHHOOK. ALLEN GOODGAME, Rexford, Mont. Filed Apr. 17, 1926. Serial No. 102,757. 1 Claim. (Cl. 43—36.)



A fishing device comprising a shank, a ring, an arm semi-circular in configuration having the extremities thereof secured to the inner sides of the ring, an arcuate shaped arm carried by the ring and inter-secting the first mentioned arm at an intermediate point in its length in oppositely disposed relation with respect to the associated end of the shank, hooks having the shanks thereof disposed between said arms and within the ring, and offset loop portions formed upon the upper ends of the hook shanks around the first mentioned shank for sliding movement thereon.

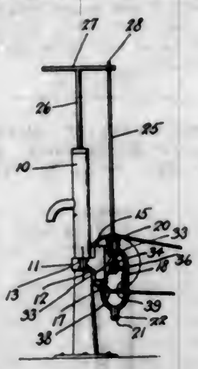
1,623,871. REFRIGERATION AND COLD STORAGE. ARTHUR GREEN, Coventry, England. Filed Apr. 3, 1925, Serial No. 20,488, and in Great Britain Oct. 15, 1924. 1 Claim. (Cl. 62—4.)

Refrigerating apparatus comprising a supporting plate, a compressor unit mounted on one side of said plate, said compressor unit including means for driving the compressor and a reservoir for receiving and condensing fluid compressed thereby, a valve for releasing fluid from the reservoir, a casing mounted on the other side of the supporting plate, a partition in the casing dividing it into two compartments, an evaporator coil within one of the compartments and having its ends connected one with the compressor and one with the release valve, said compartment which has the evaporator coil being adapted to contain a fluid for surrounding said coil, and a



thermostat within the other compartment for controlling the operation of the apparatus, said thermostat compartment having openings in its walls.

1,623,872. MECHANICAL MOVEMENT. HARRY A. HOLMES, Aurelia, Iowa. Filed Dec. 19, 1925. Serial No. 76,512. 2 Claims. (Cl. 74—14.)



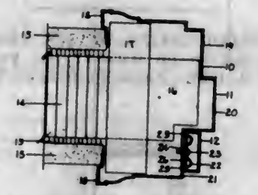
1. In a device of the class described, a link including parallel elements having oppositely located racks formed thereon, a power shaft, a segmental member non-rotatable on the shaft and adapted to mesh with the racks, an element to be driven and having connection with the link, a clamp for connection with a pump barrel, and means connected with the clamp for guiding the link when reciprocated by the engagement of the racks by the segmental member.

1,623,873. FENCING CONSTRUCTION. CHARLES K. JACKSON, Columbus, Ohio. Filed Dec. 23, 1925. Serial No. 77,319. 1 Claim. (Cl. 256—24.)



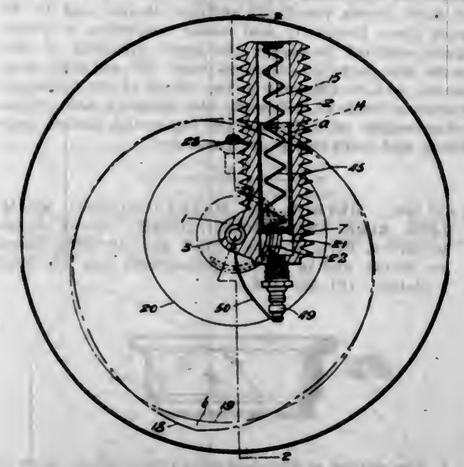
The combination with spaced fence posts each having vertical grooves at its opposite sides, of panels comprising upright end bars and loosely pivoted upper and lower rails, said rails having extensions projecting into said grooves and holes in the extensions of the upper rails, and detachable fastening devices passed through said holes and complementary holes in the fence posts.

1,623,874. DOORFRAME. AXEL Z. JOHNSON, Jamestown, N. Y., assignor to The Dahlstrom Metallic Door Company, Jamestown, N. Y., a Corporation of New York. Filed June 5, 1925. Serial No. 35,225. 5 Claims. (Cl. 189—46.)



1. A door frame of the combination jamb and buck type comprising in combination with a base frame a removable subframe, which is morticed and reinforced to receive and support the door hardware, whereby the base frame can be rigidly installed in the building and the subframe can be prepared and installed later.

1,623,875. ROTARY INTERNAL-COMBUSTION ENGINE. CLIFFORD HARTY KAIN, San Carlos, Calif. Filed Mar. 23, 1925. Serial No. 17,730. 5 Claims. (Cl. 123—43.)

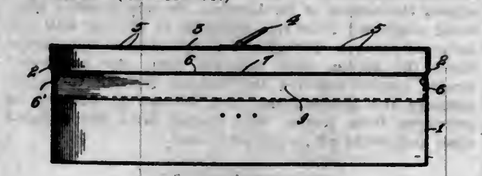


1. In an internal combustion engine a shaft, a rotating cylinder carried by said shaft having the longitudinal axis thereof arranged tangential to a circle concentric with the axis of rotation of said shaft, a relatively fixed eccentrically mounted guide ring, a piston within said cylinder re-acting against said guide ring in lines of force which are substantially radial to said guide ring throughout the working stroke of said piston, and means independent of said guide ring for returning said piston to its innermost position on the inward strokes of said piston.

1,623,876. PROCESS OF MAKING CEMENT. LUDWIG KERN, Baltimore, Md. Filed Dec. 23, 1925. Serial No. 77,379. 3 Claims. (Cl. 106—25.)

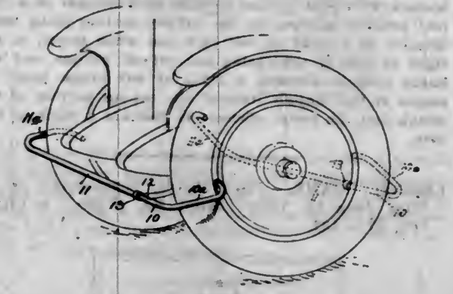
3. A process which comprises burning indurated sand-lime shaped products, at about 400 to 600° C., said shaped products being made from a natural mixture of calcareous and siliceous material by calcining at a temperature too low to produce any substantial amount of sintering, pulverizing, slaking with enough water to leave a moldable mass, molding, indurating under pressure at steam heat.

1,623,877. TOILET BOX. CHESTER E. KJETSAA, Philadelphia, Pa. Filed Dec. 7, 1925. Serial No. 73,843. 1 Claim. (Cl. 132—79.)



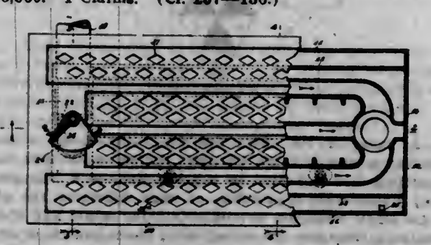
A rectangular box having perforations in its wall and crimped adjacent the upper edge thereof to provide an outwardly extending flange, said box being further crimped adjacent the flange first mentioned to provide an interiorly extending flange, a tray adapted to rest upon the interior extending flange and formed with a channel shaped receptacle at one longitudinal edge thereof, said receptacle being adapted to receive a hair comb, and said tray being further formed with a tooth brush receptacle, a tooth paste retainer receptacle and a depression to receive a cake of soap and said tray being provided with a centrally disposed opening for the purpose specified.

1,623,878. TOE-IN GAUGE. WENDELL J. KUND, Bedford, Pa. Filed Feb. 6, 1926. Serial No. 86,491. 3 Claims. (Cl. 33—203.)



1. A toe-in gauge comprising arms movably connected which, respectively, have wheel engaging extremities, the movable connection of the arms permitting movement of said extremities towards and from one another, and means to indicate different distances apart of such extremities comprising graduations and an index that consists of a slidable member frictionally engaging one of said arms and movable by pushing contact with the other arm, said frictional engagement retaining said slidable member in whatever position to which it may be slid.

1,623,879. MOTOR-VEHICLE HEATER. EDWARD W. LEAHY, Albany, N. Y. Filed Oct. 31, 1925. Serial No. 66,060. 4 Claims. (Cl. 257—136.)



4. In an internal combustion motor exhaust heated radiator for motor vehicles, including a plurality of radiator pipes, a housing therefor having a top wall formed

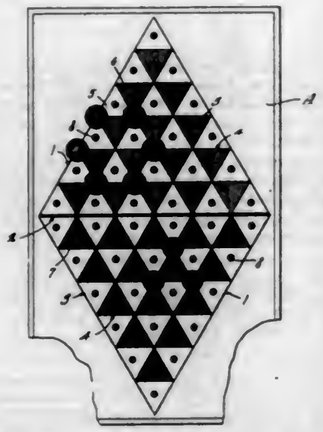
with spaced rows of grille openings extending longitudinally of the housing, marginal side walls depending from the upper wall, and a tiltable bottom wall normally closing the bottom of the housing, the said radiator pipes being suspended from the underside of the top wall and arranged between the rows of grille openings and spaced above the bottom wall, whereby dust, dirt and other foreign matter entering the housing through the grille openings and accumulating upon the bottom wall will be prevented from coming into contact with the radiator pipes and giving off an offensive odor.

1,623,880. DIRECTION-INDICATING DEVICE ESPECIALLY FOR VEHICLES. AUGUSTIN MARŠIK, Prague, Czechoslovakia. Filed Apr. 22, 1926, Serial No. 103,932, and in Czechoslovakia Apr. 19, 1925. 4 Claims. (Cl. 116—44.)



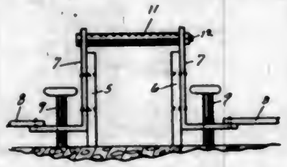
1. A direction indicator for vehicles comprising a casing having a cut-out portion in the front wall thereof, said cut-out portion representing by the contour lines portions of arrows for right and left direction indications; and a movable image element in said casing adapted to cooperate with said cut-out portion, said element in a central position relative to the cut-out portion being unindicative of a right or left turn and when moved to the right or left in the casing the cut-out portion and the image element forming a right or left arrow point by means of the contour lines of the cut-out portion of the casing and the image element to indicate a right or left turn.

1,623,881. GAME. JOHN MAYER, Schenectady, N. Y. Filed June 19, 1925. Serial No. 38,308. 1 Claim. (Cl. 273—131.)



A game of the class described comprising a board having a pair of large triangles thereon with their bases abutting and separated by a heavy line, each triangle being divided into a plurality of small triangles, the alternate small triangles of both sets being white and the remaining triangles of one set being black and those of the other set being red, with the bases of the colored triangles facing toward the ends of the board and the bases of the center rows of the white triangles abutting each other, dots of red color in the white triangles which are associated with the black triangles, black dots in the white triangles which are associated with the red triangles, player pieces divided into two sets and adapted to be moved along the lines forming the small triangles.

1,623,882. FLOOR-LAYING DEVICE. JOSEPH L. MCWILLIAMS and JOSEPH MAROSKY, San Francisco, Calif. Filed Apr. 2, 1926. Serial No. 99,341. 1 Claim. (Cl. 25—118.)



In a mold of the character described, a pair of vertically disposed mold boards, angle iron members secured to said mold boards, said angle iron members having one portion thereof horizontally disposed, a link extending between said horizontal portions of said adjacent angle iron members mounted upon the respective mold board, means for separating said mold boards from a similar set of mold boards positioned adjacent thereto and in the same plane therewith, said means comprising a tubular spacer adapted to engage the upper extremity of said angle iron members mounted upon the adjacent mold boards, and an adjusting screw carried in the horizontal portion of each of said angle iron members, said screws being capable of contacting the supporting surface upon which said mold boards are positioned.

1,623,883. METHOD OF MANUFACTURING SEAMLESS RIMS AND WHEEL DISKS. ANDRÉ JULES MICHELIN, Paris, France. Filed Nov. 10, 1925, Serial No. 68,134, and in France (provisional) Aug. 17, 1925. 2 Claims. (Cl. 29—159.)



1. The method of manufacturing from a single blank of resilient metal, both a seamless weldless metallic rim and a wheel disk, the two being adapted to be joined together to form a resilient wheel body for use on automobiles, which consists in preparing a disk of malleable metal of smaller radial diameter than the finished wheel body, subjecting this disk to mechanical processes so as to form a peripheral flanged portion and a central web, separating said central web from said peripheral portion, shaping by mechanical processes the peripheral portion to form an annular weldless rim of the desired cross-sectional profile adapted to receive and hold a pneumatic tire, and forming by mechanical processes from said central web, a dished resilient wheel disk with a thickened hub engaging portion, tapering outwards towards the periphery.

1,623,884. BANJO RESONATOR. HERMAN F. MIETZ, Franklinville, N. J. Filed Jan. 2, 1925. Serial No. 231. 4 Claims. (Cl. 84—271.)

1. A banjo attachment constructed entirely of laminated wood and comprising an annular band, a sounding board secured to one edge of said band and having its inner surface concaved, an annular flange secured to said band adjacent the opposite edge thereof and being provided with a plurality of equidistantly spaced sound openings, a supporting means for said flange positioned



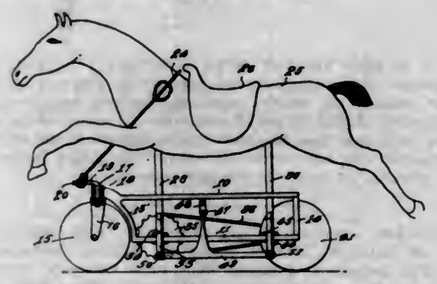
between the flange and sounding board, and a plurality of clamping members carried by said annular band, positioned inwardly of the inner edge of the flange.

1,623,885. CASING SLIP. GUSTAVUS A. MONTGOMERY, Titusville, Pa. Filed Apr. 21, 1926. Serial No. 103,579. 17 Claims. (Cl. 24—263.)



1. A casing slip comprising a tapered body adapted to be mounted on the tapered inner wall of the spider for free sliding movement, and a liner fixed to and longer than the body and held against longitudinal movement relative to the body, said liner having pipe-engaging means throughout its extent to present a gripping surface of relatively great area to the pipe.

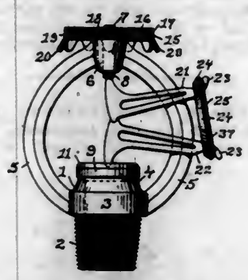
1,623,886. MECHANICAL TOY. HOWARD H. MORGAN, Hollywood, Calif. Filed Sept. 25, 1926. Serial No. 137,770. 1 Claim. (Cl. 208—42.)



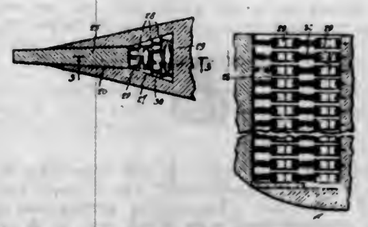
In a device of the class described, a frame, a crank shaft mounted thereon, guiding means carried by the frame, means controlling the guiding means, wheels for mounting the frame, means for driving the wheels from the crank shaft, additional crank elements mounted on the frame, a body positioned above the frame, rods connecting the body with the crank shaft and additional crank elements, stirrups, and means connected with the stirrups for imparting movement to the crank shaft and crank elements.

1,623,887. AUTOMATIC SPRINKLER. GEORGE FREDERICK NEWTON, Providence, R. I., assignor to United States Fire Protection Company, Providence, R. I., a Corporation of Rhode Island. Filed Mar. 16, 1925. Serial No. 15,959. 6 Claims. (Cl. 169—37.)

1. In an automatic sprinkler, a fusible link member in the form of an outer and an inner disk, each disk having a central hole, a tube soldered to the disks in the central holes, the inner disk having a circular groove and the outer disk having a circular rib soldered in the circular groove, each disk having coinciding inclined annular peripheries soldered together, and means for securing the fusible link to the levers of an automatic sprinkler.

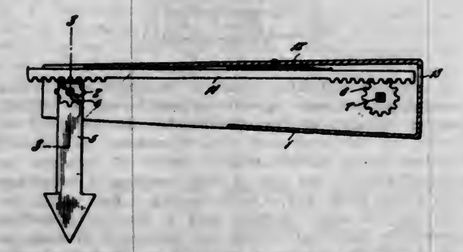


1,623,888. SHIP. JEROME PASINI, New York, N. Y. Filed July 8, 1926. Serial No. 121,210. 3 Claims. (Cl. 114—219.)



1. A ship having a tapered pocket in its bow, a vertical plate tapered in accordance with the pocket and including an edge projecting forwardly of the ship and constituting the prow, a series of cushioning springs interposed behind the plate and forcing the same into firm engagement with the tapered pocket.

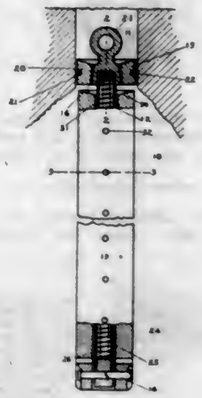
1,623,889. TRAFFIC SIGNAL. WENDELL L. PHILLIPS, Bonair, Iowa. Filed Oct. 18, 1926. Serial No. 142,432. 1 Claim. (Cl. 116—50.)



A signal of the class described comprising an elongated casing having its outer end open, the opening extending a considerable distance through the top of the casing and a greater distance from the bottom of the casing and a small opening in the inner end of the casing, a shaft rotatably mounted in each end of the casing, a gear on each shaft, a handle connected with the inner shaft, a signal arm connected with the outer shaft, said arm being of less length than that of the opening in the bottom of the casing so that the arm can enter the casing through said opening, a rack bar in the casing having a rack at each end thereof for engaging the gears, a leaf spring connected at its center to the top of the casing and having its ends engaging the rack bar for holding

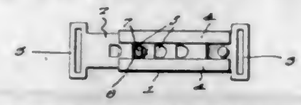
its racks in engagement with the gears the small opening in the inner end of the casing permitting the inner end of the rack bar to pass through the same when the rack bar is moved in one direction and the top part of the opening at the outer end of the casing permitting the signal arm to be moved upwardly to a vertical position.

1,623,890. MEANS FOR TREATING OIL WELLS. BURTON W. SEYMOUR, Sr., Jamestown, N. Y. Filed Aug. 28, 1926. Serial No. 132,067. 4 Claims. (Cl. 166—17.)



1. Means for treating an oil well comprising a rod, adapted to support a heated billet, and a cupped plate on said rod above said billet, having perforations therethrough, said rod being hung in the well to be treated with the heated billet in the oil bearing portion, and said plate closing the well above said portion, whereby water poured into said well will pass through said perforations onto said heated billet and be transformed into steam.

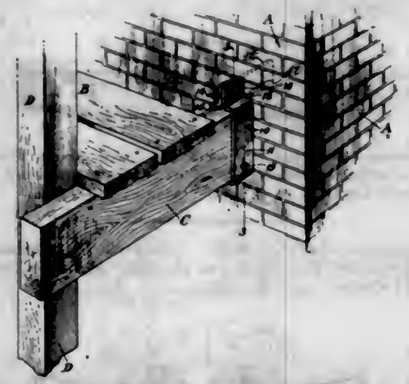
1,623,891. FASTENER. WILLIAM H. SHEARER, Rand, Colo. Filed Apr. 28, 1923. Serial No. 635,365. 1 Claim. (Cl. 24—206.)



A fastener including a pair of members, one having channel guides upon opposite edges thereof to slidably receive the edges of the other member, an elongated eye formed on the outer end of each member, one of said members being formed with a series of openings, an arcuate wall at one end of each opening, a transverse wall at the other end of each opening, a leaf spring carried by the other member and a bevelled projection carried by said leaf spring and projecting through an opening in the member to which it is attached whereby said bevelled projection may be projected into any one of the openings of the other members, a rounded front part on the projection adapted to coact with the arcuate wall of the openings as and for the purpose set forth.

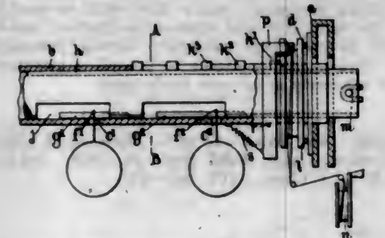
1,623,892. SCAFFOLD SHOE. LEONARD SOBRAY, New York, N. Y. Filed Oct. 11, 1926. Serial No. 140,900. 1 Claim. (Cl. 304—39.)

A scaffold shoe comprising a hanger formed of a single piece of strap metal bent into substantially U-shape, the free ends of said strap metal being bent inwardly and thence parallel to the side walls of the hanger to provide spaced flanges, an anchor arm having one of its ends fixedly secured between said flanges, and a tooth provided on the free end of said anchor arm, the



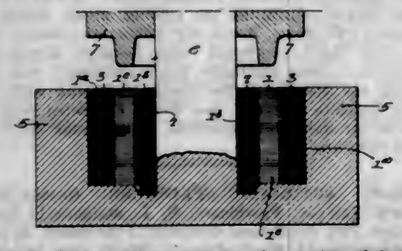
side walls of said hanger having aligned openings provided therein for the reception of a removable element for locking one end of a beam within said hanger.

1,623,893. DEVICE FOR DROPPING BOMBS FROM AIRCRAFT. WLADYSLAW SWIATECKI, Lublin, Poland. Filed Oct. 11, 1924, Serial No. 743,052, and in Great Britain July 15, 1924. 10 Claims. (Cl. 244—1.)



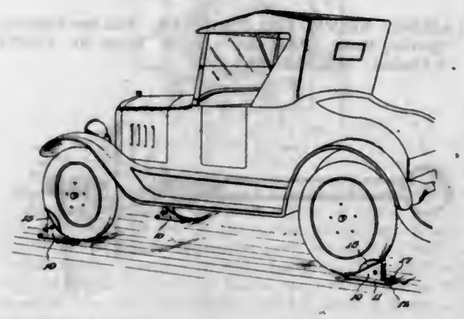
2. A bomb dropping device comprising two relatively movable rods engaging bomb supporting means, a spring for causing the relative movement between said rods, a plurality of pins on one of said rods and means co-operating with said pins to arrest the movement of the spring actuated rod and permit its advance in stages, whereby a plurality of bombs is released successively.

1,623,894. MECHANICAL ELEMENT AND METHOD OF MAKING SAME. JOHN M. TAYLOR, Bridgeport, Pa., assignor to Diamond State Fibre Company, Bridgeport, Pa., a Corporation of Delaware. Filed Sept. 11, 1924. Serial No. 737,171. 8 Claims. (Cl. 18—56.)



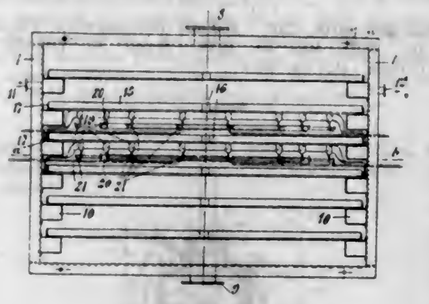
2. A mechanical element made of a series of laminations each having a peripheral overlap extending radially inward and a central overlap extending radially outward.

1,623,895. WHEEL CHOCK. ORA W. TURNBAUGH, Cambridge, Ohio. Filed June 11, 1926. Serial No. 115,333. 3 Claims. (Cl. 188—32.)



1. A wheel chock including a body formed of companion sections having wings to embrace the tire of a wheel chocked by the body, said sections being provided with flanges, and means adjustably connecting said sections with each other and maintaining the flanges in overlapped relation.

1,623,896. APPARATUS FOR THE INDUSTRIAL CULTURE OF FERMENTS, YEASTS, MICROBES, AND THE LIKE. CHARLES VIGREUX, Balesmes, France, assignor to Etablissements Poulenc Frères, Paris, France. Filed Feb. 29, 1924, Serial No. 696,093, and in France Mar. 17, 1923. 5 Claims. (Cl. 195—17.)



1. In culture developing apparatus of the class described, the combination of a receptacle, a tray supported therein, and separate culture and culture medium distributing conduits disposed over the tray in a series of concentric circles and adapted to uniformly discharge fluent material onto said tray from the interior of said conduits.

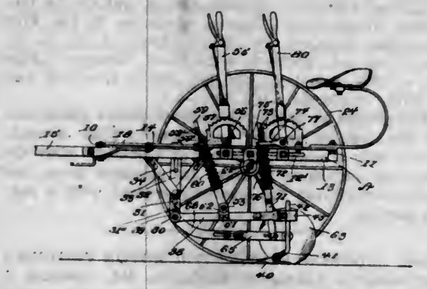
1,623,897. RULE. RUFFIN WILLIAMS, Wakefield, N. C. Filed Aug. 14, 1926. Serial No. 129,243. 1 Claim. (Cl. 33—161.)

An extension rule comprising a plurality of telescoping sections, of gradually increasing size, all but the smallest or innermost section having channels at the sides, the channel of one section receiving the channel part of another section, with the inner section engaging the channel of the next section, means for limiting the outward movement of the sections, such means comprising a reduced end on one section forming shoulders and



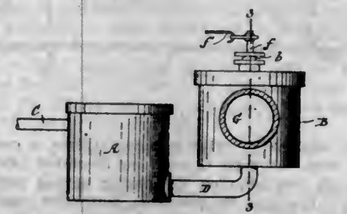
shoulders on the next section which are formed by an enlarged end of the said section, said shoulders engaging each other.

1,623,898. COTTON CHOPPER. ALFRED H. WINNETT, Meridian, Tex. Filed Feb. 16, 1925. Serial No. 9,555. 5 Claims. (Cl. 97—23.)



1. In a cotton chopper, a frame, mounting means therefor, a transverse rotatable bar mounted beneath the frame, a plurality of plows, beams for the plows, means connecting the beams with the bar, guards mounted between the plows, beams for mounting the guards for swinging movement on the bar, a transverse bar connecting the plow beams and spaced from the bar first named, and means for lifting the second named transverse bar.

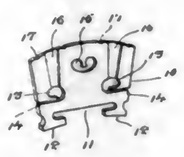
1,623,899. CARBURETOR. STEPHEN SEYMOUR ALLWILL, Auckland, New Zealand. Filed Sept. 8, 1926, Serial No. 134,244, and in New Zealand Aug. 7, 1926. 6 Claims. (Cl. 261—50.)



1. A carburetor comprising a fuel chamber closed to the atmosphere; a fuel supply pipe associated with the chamber; a float-controlled check valve in said chamber

and adapted to check the supply of fuel from the supply pipe when the fuel reaches a predetermined level in the chamber; a mixing chamber for mixing the fuel and air and controlling the flow thereof; and a pipe connecting the fuel chamber with the mixing chamber.

1,623,900. VIOLIN BRIDGE. ALBERTO M. ALVARADO, Durango, Mexico. Filed Dec. 8, 1924. Serial No. 754,631. 1 Claim. (Cl. 84—309.)

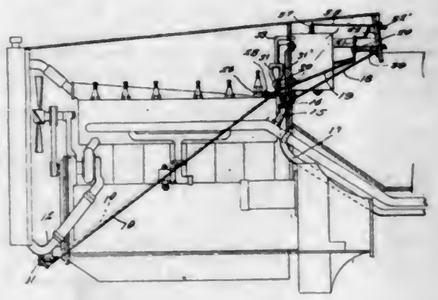


A violin bridge comprising a flat body having its lower edge provided with feet and having its intermediate portion formed with openings located near the sides and formed with slots leading from said openings out to the side edges, the body having a flat face formed with a pair of grooves extending from the openings to the upper edge at points near the corners, the resultant thinning away of the material by the provision of the grooves providing sensitiveness for facilitating transmission of vibrations.

1,623,901. METHOD FOR THE IMPROVEMENT OF NATURAL RESINS. AUGUST AMANN and EWALD FONROBERT, Wiesbaden, Germany, assignors to the Firm Chemische Fabriken Dr. Kurt Albert G. m. b. H., Amoneburg, near Biebrich-on-the-Rhine, Germany. Filed Feb. 4, 1924, Serial No. 690,650, and in Germany Aug. 18, 1917. 3 Claims. (Cl. 260—4.)

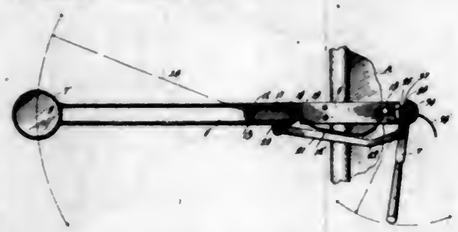
1. The process of producing resinous bodies which comprises the steps of reacting on a natural resin of acidic character with a reaction product of a phenolic body and a substance containing at least one carbonyl group, and thereafter esterifying the resulting product with a polyhydric alcohol.

1,623,902. COOLING SYSTEM FOR MOTOR VEHICLES. CARL MAGNUS ANDERSON, Baltimore, Md., assignor of one-half to Michael Chonkich, Baltimore, Md. Filed Dec. 24, 1924. Serial No. 757,891. 5 Claims. (Cl. 123—174.)



5. In combination with a motor vehicle, a casing connected with the dash thereof, an insulated tank in the casing, an extension on the casing having perforations therein, a heater in the extension, means for causing some of the exhaust gases to pass through the heater, means for connecting the cooling system of the motor of a vehicle to the tank, such means including a pipe having coils arranged in the heater, means actuated from the motor for creating a vacuum or a pressure in the tank, manual means for controlling all of the before mentioned means and means on the instrument board and associated with the tank for indicating the level of water in the tank and the temperature of the water.

1,623,903. SIGNAL FOR VEHICLES. EDWARD BEDNARZ, Everett, Wash. Filed Oct. 6, 1924. Serial No. 742,051. 3 Claims. (Cl. 116—52.)



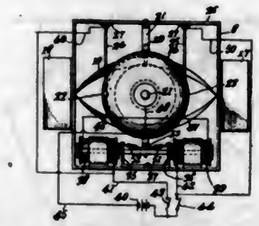
1. A signaling device of the class described including in combination a plate having one end provided with an annular series of depressions and the other end provided with a rounded edge having spaced projections, a lever pivoted on the first mentioned end of the supporting plate and provided with projections cooperating with the depressions to hold the lever in different positions, the other end of the supporting plate having an opening, a pin extended through the opening, a semaphore, a plate fixed to the semaphore and pivoted on the pin, a projection extending from the plate adapted to move along the rounded edge of the second mentioned end of the supporting plate and to abut the projections thereon, an extension formed on the plate, a link rod pivoted to the extension at one end and at its other end to the lever all in the manner and for the purpose specified.

1,623,904. OIL CAN. HAROLD BLATHERWICK, Chicago, Ill. Filed May 28, 1924. Serial No. 716,503. 4 Claims. (Cl. 24—47.)



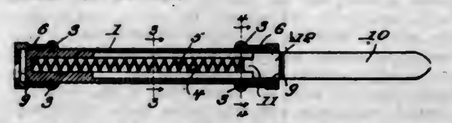
1. An oil can including a casing, a spout projecting from the casing, a plunger movable in the casing, a coil spring confined in the casing and having an end portion connected to the plunger and an opposite end portion connected to the casing, and a manually rotatable member within the casing and defining portions adapted to work over and along the convolutions of the coil spring for contracting and expanding the coil spring to move the plunger in reciprocatory action within the casing.

1,623,905. VEHICLE SIGNAL. MILLER BORGLUM, Bakersfield, Calif. Filed Dec. 4, 1924. Serial No. 753,957. 4 Claims. (Cl. 177—327.)



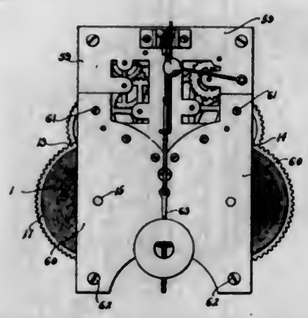
1. A signal device comprising a casing having a socket therein simulating an eye ball socket, a panel inclined forwardly at each side of the casing, an eye-ball member movably mounted in the socket provided with an opening therethrough, a source of light for projecting light rays through said opening, and means for moving the eye-ball member to aline the opening therein with a panel and illuminate the latter.

1,623,906. NOVELTY. DESMOND B. BROOKS, Haxtun, Colo. Filed Sept. 25, 1926. Serial No. 137,751. 8 Claims. (Cl. 30—10.)



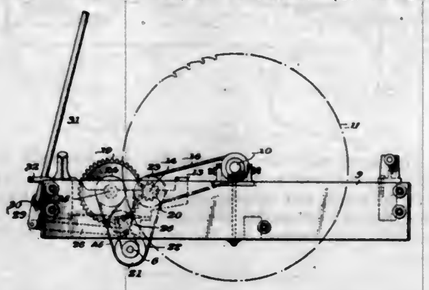
1. A device of the class described comprising a handle member, a blade member slidably mounted therein, a spring within the blade member for projecting the knife member, a cap rotatably mounted on the handle member and having a slot therein which, when the cap member is turned in one position, will permit the spring to force the blade member therethrough, and a cam part on the cap for engaging the pointed end of the knife member to force the same into the handle member, after the blade member has been partly pushed into the handle member to cause the solid part of the cap to engage the knife member to hold the same in retracted position.

1,623,907. CLOCK. JOHN C. BURKE, Middlesboro, Ky. Filed Oct. 3, 1923. Serial No. 666,419. 1 Claim. (Cl. 58—52.)



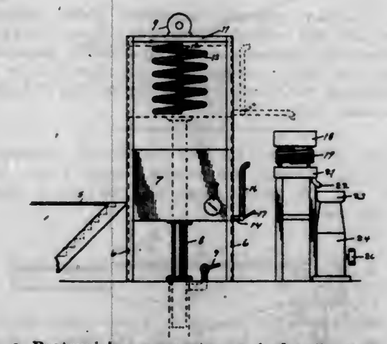
In a clock frame, a plate including an upper fixed section extending approximately from the top to the center of the frame and having openings therein, one of said openings accommodating the center shaft of the clock mechanism, a pair of removable complemental plate sections upon opposite sides of the longitudinal center of the frame, each of said sections having their upper edges overlapping the lower edge of the fixed section and extending downward to the bottom of the frame with their adjacent edges abutting and provided with semi-circular recesses to accommodate the center shaft and means to secure the removable sections to the fixed section and to the frame.

1,623,908. CHAIN-DRIVEN BELT FEED WORKS FOR SAWMILLS. GEORGE E. CAMPBELL, Chattanooga, Tenn., assignor to The Wheland Company, Chattanooga, Tenn., a Corporation of Tennessee. Filed Sept. 24, 1924. Serial No. 739,637. 4 Claims. (Cl. 74—21.)



1. The combination of at least two drive shafts spaced apart horizontally, a driven shaft arranged in a vertical plane passing substantially midway between said drive shafts, belts arranged on the driven shaft and extending substantially vertically to said drive shafts, and belt tightening pulleys arranged substantially in longitudinal alignment with each other and in position to bear upon and tighten the belts on the driven shaft and at least one of the drive shafts for transmitting power to said driven shaft.

1,623,909. PASTEURIZER. TITO L. CAVALLI, Benicia, Calif. Filed June 19, 1926. Serial No. 117,126. 1 Claim. (Cl. 257—104.)

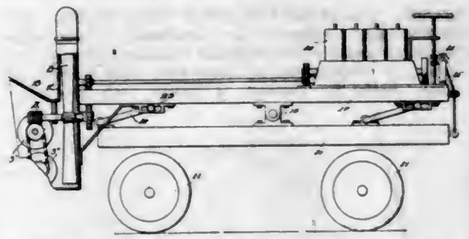


In a Pasteurizing apparatus, a hydraulic jack, a vat supported on said jack and adapted to be elevated thereby, angularly-shaped uprights positioned adjacent the corners of said vat, a platform positioned adjacent the upper end of said uprights, a motor positioned on said platform, a coil suspended from said platform and adapted to be rotated by said motor, said coil being tubular so as to receive a flow of liquid therethrough, and means for discharging the liquid from said vat, and a valve positioned therein for the purpose described.

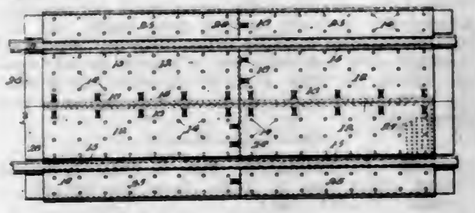
1,623,910. SNOW REMOVER. HARRY D. CURTIS, Oshkosh, Wis. Filed May 19, 1922. Serial No. 562,155. 1 Claim. (Cl. 37—43.)

A snow plow of the character described comprising a wheeled vehicle, a frame pivotally secured midway the

ends of the vehicle, bearings secured to the frame and vehicle respectively, cranks having their upper ends pivoted in the bearings of the frame and the lower portions of said cranks being received in the bearings of the vehicle, a snow removing apparatus fixed to the front of the frame, a motor for driving the snow removing apparatus and also adapted to counterbalance the weight thereof, and a windlass associated with the rear end of the frame and vehicle respectively to tilt the frame on its pivot for adjustably associating the snow removing apparatus with respect to the ground in front of the vehicle.

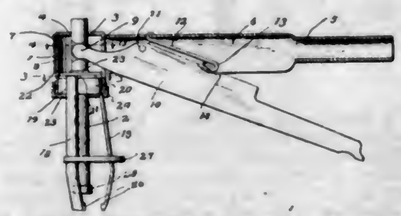


1,623,911. RAILROAD-GRADE CROSSING. JOHN A. DAILEY and LEWIS W. GERTH, Burlington, Iowa. Filed Nov. 16, 1926. Serial No. 148,644. 7 Claims. (Cl. 238—8.)



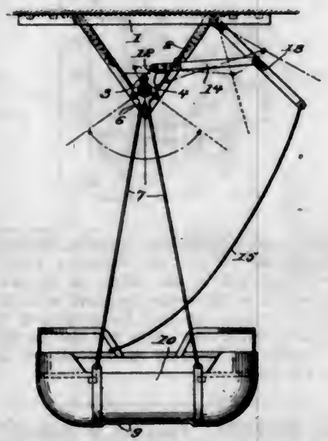
1. A railroad crossing, comprising plates extending parallel with and between the rails of a track and having the inner edges thereof abutting, and means mounted on the plates at their abutting edges and adapted to be projected beyond the abutting edges for holding the plates in the same plane.

1,623,912. TYPEWRITER-KEY REMOVER. PATRICK P. DUNN and GUSTAV SHOENFELD, Great Falls, Mont. Filed Aug. 10, 1926. Serial No. 128,460. 7 Claims. (Cl. 29—84.)



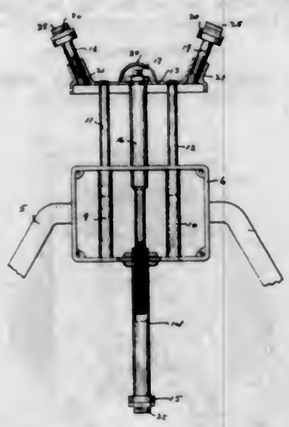
3. A tool for removing an article from encircling engagement with a carrier, said tool comprising pivoted handles, a casing carried by one handle, a plunger for engaging the carrier slidable through said casing transversely of said handle, the other handle extending into said casing and engaging said plunger and adapted to impart sliding movement thereto when swung towards and away from the first-mentioned handle, a collar in said casing having a bore slidably receiving said plunger, means to removably hold said collar in the casing, and jaws extending from said collar externally of said casing and adapted to grip the article to be removed.

1,623,913. SWING. EMIL EVALET, Alliance, Ohio. Filed Feb. 10, 1923, Serial No. 618,354. Renewed Dec. 27, 1926. 1 Claim. (Cl. 155—63.)



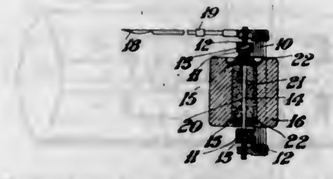
A swing of the class described comprising a supporting frame, a shaft carried thereby, a pair of castings rotatably mounted on the ends of the shaft, rods connecting the castings together and each casting having a pair of depending socket members and an upwardly extending ear, a rod threaded in each socket member, a seat carrying part connected with the lower ends of the rod, a yoke pivotally connected with the frame, links connecting the yoke with the ears of the castings and a cable connected with the yoke and extending to a point where it may be seized by an occupant of the swing.

1,623,914. COMBINED TIRE CARRIER AND RIM REMOVER. LYMAN H. FERGUSON, Ithaca, N. Y., assignor to J. William Ellis, Buffalo, N. Y. Filed Mar. 1, 1924. Serial No. 696,364. 6 Claims. (Cl. 224—29.)



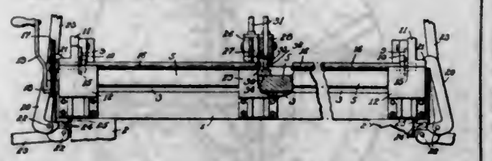
6. A combined tire carrier and rim remover comprising a stationary member, a movable member, and means for operating the movable member, the stationary member comprising a body and a rigid tire engaging means, the movable member comprising a yoke slidably carried by the body and a plurality of axially rigid rim engaging means, and the means for operating the movable member comprising a screw rotatably carried by the yoke and engaging the rigid arm carried by the body for moving the yoke.

1,623,915. MEASURING INSTRUMENT. CHARLES EDWIN FOSTER, Letchworth, England. Filed Apr. 29, 1924, Serial No. 709,835, and in Great Britain June 29, 1923. 5 Claims. (Cl. 171—95.)



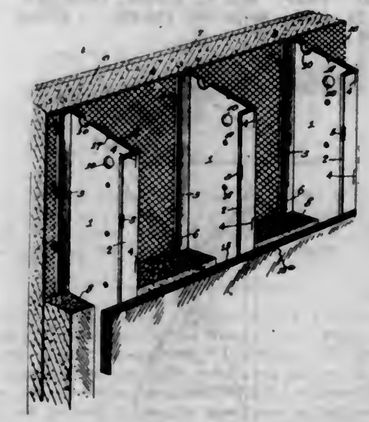
1. A measuring instrument having a moving system carrying a pointer, resiliently supported bearings for such system fixed on the opposite ends of a rod or staff, a supporting core, and a member consisting of a spongy rubber, the spongy rubber being supported in the core and arranged to surround the rod or staff and be in frictional contact therewith.

1,623,916. CORRUGATING MACHINE. CHESTER A. FRICK, Muncie, Ind., assignor to Glascock Brothers Manufacturing Company, Muncie, Ind., a Corporation of Indiana. Filed May 1, 1925. Serial No. 27,153. 7 Claims. (Cl. 153—76.)



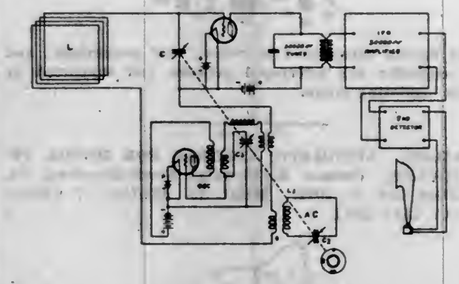
1. In a sheet metal corrugating machine the combination with a plurality of spaced apart elongated dies substantially semi-cylindrical in cross section, of a plurality of co-operating dies having their faces recessed to form recesses corresponding to said first mentioned dies and means for moving co-operating sets of dies forming a single corrugation successively to form the corrugations in the metal and holding each corrugating set of dies clamped upon the metal until the next succeeding set is being moved to form a corrugation.

1,623,917. WALL CONSTRUCTION. WILLIAM F. GAUDIAN, Dallas, Tex. Filed Dec. 10, 1924. Serial No. 755,013. 2 Claims. (Cl. 72—48.)



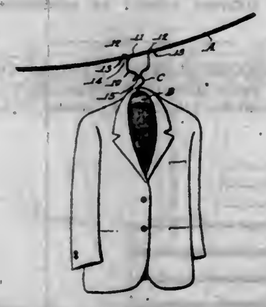
1. A wall construction, spaced metal uprights, a wire screen secured to the edges of the uprights, a wall formed of concrete having the screen and vertical portions of the uprights embedded in said wall, a second wire screen secured to the opposite edges of the uprights and a composition cement embedded in the second mentioned wire screen and spaced from the inner face of the concrete wall.

1,623,918. RADIO RECEIVING APPARATUS. ALFRED HENRY GREBE, Hollis, N. Y. Filed Dec. 17, 1924. Serial No. 756,520. 4 Claims. (Cl. 250—20.)



1. A radio receiving system comprising means for tuning its input, adjustable means for reducing a desired signal frequency simultaneously with a materially different interfering frequency to the same lower frequency, variable means for removing the undesired frequency and means common to the three above mentioned means for varying them simultaneously.

1,623,919. SUPPORTING ATTACHMENT FOR CLOTHESLINES. LOUIS HAGEN, Jersey City, N. J. Filed June 16, 1926. Serial No. 116,450. 1 Claim. (Cl. 248—30.)

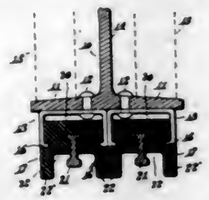


A supporting device of the character set forth comprising a length of resilient material bent into substantially U-shaped form to include a bight having a centrally depending offset and legs having reversely bent terminals arranged in the same plane with the legs and bight whereby when the terminals are engaged over a clothesline a lateral kink is formed therein to prevent accidental displacement of the same therefrom and sliding of the same thereon.

1,623,920. ELECTRIFIED MONORAIL SYSTEM. FRANK C. HARRIS, Brighton, Mass., assignor to The American Monorail Company, Cleveland, Ohio, a Corporation. Filed Dec. 16, 1925. Serial No. 75,833. 16 Claims. (Cl. 191—32.)

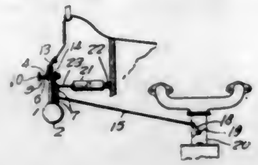
1. A monorail; a plurality of U-shaped members secured thereto and depending therefrom provided with

inwardly extending projections; two strips of insulating material extending the entire length of said monorail



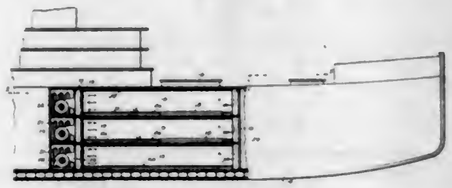
and having depressions to receive said projections; and a conductor bar interposed between and supported by said insulating strips.

1,623,921. AUTOMATIC CONTROL FOR MOTOR VEHICLES. GEORGE M. HOWELL, Northumberland, Pa. Filed Oct. 7, 1922. Serial No. 593,153. 7 Claims. (Cl. 251—126.)



1. An automatic control for motor vehicles, comprising a pivot pin fixed to the vehicle, a pendulum adapted to be pivotally and slidably suspended upon said pivot pin, a rod connecting said pendulum with the throttle of the engine, and means for sliding the pendulum relatively to the pivot pin for adjusting the position of the pendulum upon its pivot to change its center of gravity, whereby the throttle may be adjusted and maintained by the pendulum in different normal or predetermined speed positions.

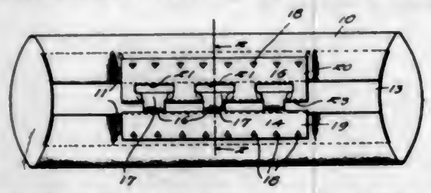
1,623,922. AIR-CIRCULATING SYSTEM FOR CARGO VESSELS. JOHN HUDSON, Brooklyn, N. Y. Filed July 1, 1926. Serial No. 119,925. 4 Claims. (Cl. 114—211.)



1. A cargo ship including a pair of decks and a pair of bulkheads defining a cargo storage space, a fore and aft vertical partition dividing the storage space into two parts and terminating short of one bulkhead, and means for maintaining a circulation of air around the ends of the partition forwardly through one section of the compartment and aft through the other section thereof.

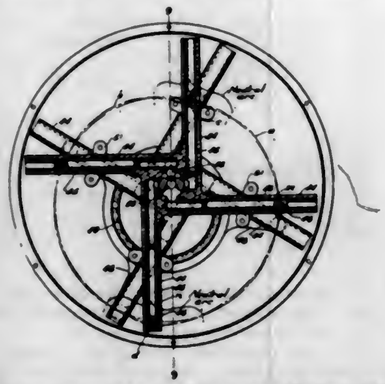
1,623,923. TIRE BOOT AND FASTENER THEREFOR. CLARENCE L. JOHNSON, Littleton, Colo. Filed Nov. 20, 1926. Serial No. 149,709. 2 Claims. (Cl. 152—24.)

1. A fastener for use with tire boots and the like comprising coacting male and female sections, each consisting of a folded plate, the male section at the folded edge thereof being notched to provide outstanding necks having heads at their outer ends, the female section of the fastener being provided in one side thereof adjacent the folded edge thereof with slots through which said heads may pass and branch slots for the passage of said necks



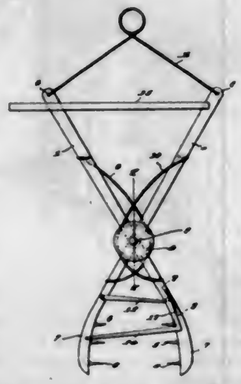
connecting with the first named slots of the female section and extending from the first named slots to and through the folded edge of the plate.

1,623,924. ROTARY PUMP AND MOTOR. CLIFFORD HASTY KAIN, San Carlos, Calif. Filed July 2, 1924. Serial No. 723,807. 4 Claims. (Cl. 103—118.)



1. A rotor comprising one or more cylinders having the longitudinal axes thereof arranged tangential to a circle concentric with the axis of rotation of the rotor, a relatively fixed eccentrically mounted guide ring, and plungers within said cylinders re-acting against said guide ring in lines of force which are substantially radial to said guide ring throughout the working stroke of said plungers.

1,623,925. TRAP. SAM C. KINZER, Estill, Ky. Filed Nov. 19, 1926. Serial No. 149,420. 4 Claims. (Cl. 43—94.)



1. A trap of the character described comprising crossed arms pivotally secured at their juncture, pulleys secured

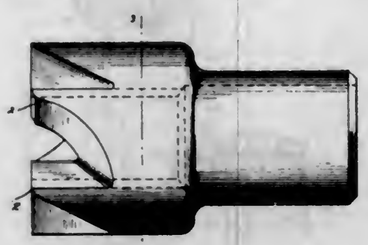
by the pivot means for the arms, springs secured to said arms and having convolutions received in said pulleys, and tripping means for holding one of the ends of said arms apart against the tension of said springs.

1,623,926. HOLDER FOR CONFECTIONS AND NAPKINS. JACK D. KOHLER, Miami, Fla. Filed Oct. 4, 1926. Serial No. 139,500. 2 Claims. (Cl. 99—16.)



1. A combined handle and anchor for frozen or like sticky confections, comprising a tubular member having one of its ends pressed longitudinally to provide the same with angularly disposed flattened ribs that provide an anchor and close one end of the tube, the tubular portion affording a compartment for a napkin and a protector disc slidably arranged on the anchor end of the device.

1,623,927. MILLING TOOL. LAWRENCE LENHARDT, Spencerport, N. Y., assignor of one-half to Frank De Felice, Rochester, N. Y. Filed July 14, 1926. Serial No. 122,423. 2 Claims. (Cl. 29—103.)



1. A milling tool comprising a hollow head having teeth formed at its free end and having curved recesses formed in its inner wall to provide teeth for cutting an object entering the interior part of the head.

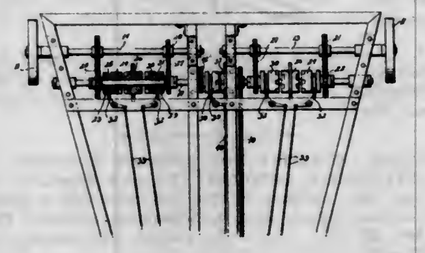
1,623,928. ROD GRIP. LEWIS JAMES LEWELLEN and ORRIS C. WILLIS, Cotton Valley, La. Filed June 5, 1926. Serial No. 113,960. 2 Claims. (Cl. 255—18.)

1. The combination with the sucker rod of an oil well pump, of a grip therefor, comprising an exteriorly threaded sleeve through which the upper end of the sucker rod passes, a head screwed on said sleeve, a yoke for the working beam having its ends clamped on the head, oppositely directed handles on the sleeve, a frame on the lower end of the sleeve, a tubular member that receives the sucker rod therethrough having its upper end received in the frame, spaced members in the frame through which



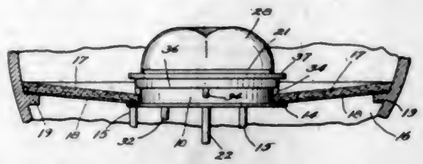
the tube passes, antifrictional elements between said members, means supporting the tube on the upper member, and means for clamping the sucker rod in the tube.

1,623,929. STEERING BY DRIVING MEANS FOR VEHICLES. JOSEPH LOYD, Broken Bow, Nebr. Filed Nov. 12, 1924. Serial No. 749,537. 1 Claim. (Cl. 180—17.)



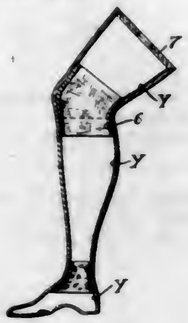
In combination, a wheeled frame, a pair of aligned axles journaled thereon, a driven shaft arranged at one side and in parallelism with the axles, a gear carried by each axle, a central clutch member mounted on the shaft for each axle, a pair of cooperating clutch members slidably mounted on the shaft and arranged at the opposite sides of the central clutch member, an endless chain providing a driving connection between one of the cooperating clutch members and the adjacent axle, a gear carried by the other cooperating clutch member of each pair and meshing with the gear of the adjacent axle, pivoted arms associated with the cooperating clutch members, operating rods connected with the said arms, foot pedals associated with said rods, whereby said cooperating clutch members can be selectively actuated to rotate said axles in the same direction or in relatively different directions, an additional clutch member arranged centrally of the shaft, a cooperating sliding clutch member normally spaced from the last mentioned member, and pedal actuated means for controlling the sliding clutch member.

1,623,930. OIL BURNER. FRED D. LYONS, Kansas City, Mo., assignor to Izora M. Lyons. Filed Mar. 29, 1926. Serial No. 98,214. 2 Claims. (Cl. 158—91.)



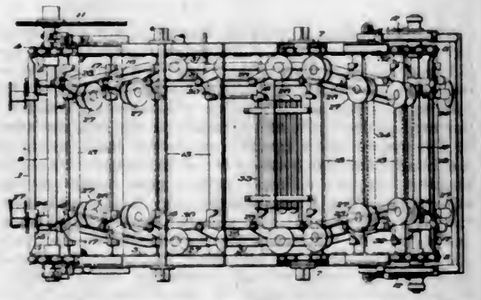
1. An oil burner construction comprising a base casting provided with an external supporting flange, packing material supported by said flange, said casting being also provided with external supporting lugs above said flange, a burner bowl and an arched air supply conduit supported by said casting, and an annular reinforcing member supported above said packing by said lugs and embracing the ends of said air supply conduit.

1,623,931. DISPLAY FORM AND METHOD OF MAKING THE SAME. LOUIS W. REINHARDT, Brockton, Mass. Filed June 6, 1925. Serial No. 35,435. 7 Claims. (Cl. 223—18.3.)



7. As an article of manufacture, a limb display form consisting of hollow sections of sheet stock each having a longitudinal seam with abutted edges and an internal steam stay.

1,623,932. MACHINE FOR TESTING POROSITY OF INFLATABLE ARTICLES. WILLIAM STEPHENS, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 28, 1921. Serial No. 518,378. 17 Claims. (Cl. 73—51.)



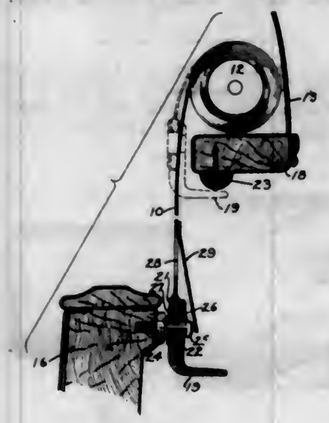
1. A tube testing machine comprising a tank, a pair of arms adapted to receive the tube to be tested, and means dependent upon the relative positions of the tubes within the tank for automatically separating the arms to stretch the tube when it is placed within the tank.

1,623,933. APPARATUS FOR AND METHOD OF MAKING ARTICLES FROM A FIBROUS COMPOSITION. PAUL BEEBE, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Sept. 16, 1922. Serial No. 588,641. 6 Claims. (Cl. 92—54.)



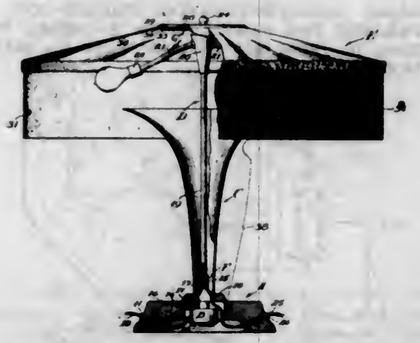
1. Apparatus for making molded articles which comprises two spaced non-porous plates of contour similar to the article to be formed, said plates being connected at the edges by means of a screen.

1,623,934. VEHICLE CLOSURE. JOSEPH H. BOURDON, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed Jan. 7, 1925. Serial No. 1,046. 1 Claim. (Cl. 296—143.)



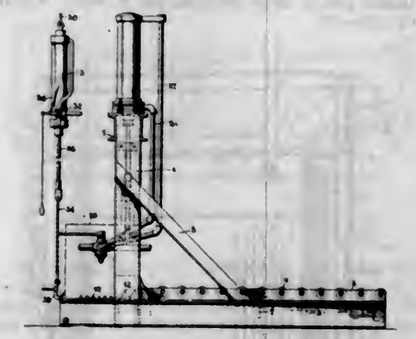
The combination with a vehicle body, a top having sides and a bottom rail extending around said sides supported by said body, and a side enclosure vertically operable into said top, said enclosure having an opening therein to permit the raising and lowering thereof from either side and a cover secured along one side to said enclosure to cover said opening, of a curtain fastener secured to said vehicle body comprising an outwardly extending shank terminating in a downwardly turned lip adapted to be received in an opening adjacent the lower edge of said enclosure below said first opening to retain said enclosure in extended position, and an angle-shaped member secured to the bottom edge of said enclosure having an opening therein matching with said second opening to receive said fastener, the horizontal leg of said member co-operating with the bottom rail of said top to prevent said enclosure from disappearing into said top when in raised position, said leg also forming a handle for the guiding of the enclosure to raised or extended positions.

1,623,935. COMBINATION LAMP AND LOUD SPEAKER. FRED C. CASWELL, Minneapolis, Minn., assignor of one-half to Lawrence F. Fagerstrom, Minneapolis, Minn. Filed Feb. 11, 1924. Serial No. 691,944. 9 Claims. (Cl. 181—27.)



1. In an article of the class described, the combination of a base adapted to receive a reproducing unit, an anchor secured to the base axially of the outlet of such unit, a horn for such unit, the reduced end thereof being designed to fit over said anchor, said anchor including horn centering and securing means, a lighting and shade-supporting fixture reaching through the horn without contact therewith and secured to said anchor, and a shade carried by said fixture and cupping the atmosphere about the mouth of the horn.

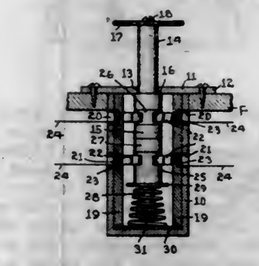
1,623,936. BALE-TEARING MACHINE. FRED COLLEY, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Mar. 31, 1925. Serial No. 19,748. 6 Claims. (Cl. 18—2.)



1. A machine for tearing bales which comprises a frame provided with means for conveying a bale to an operable position, and means for engaging a portion thereof while separating its composite units.

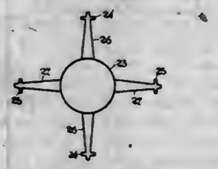
1,623,937. HEADLIGHT-CONTROL SWITCH. JOHN GIZEWSKI, Denver, Colo., assignor of one-half to Joseph J. Klimoski, Denver, Colo. Filed Feb. 16, 1924. Serial No. 693,304. 1 Claim. (Cl. 200—16.)

In a foot operated dimmer switch, a casing having an opening formed in one end wall thereof, a plunger within the casing and having its ends reduced, one of said reduced ends extending through the opening of the wall for engagement by the foot, the corresponding end of the plunger abutting said end wall to limit movement of the plunger in one direction, the other of said extensions engaging the opposite end wall of the casing to limit movement of the plunger in the opposite direction, a spring surrounding the last named reduced end of the plunger and extending between the last named end wall of the casing and the adjacent end of the plunger, insulating



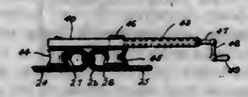
panels within the casing at opposite sides of the plunger, said plunger being of insulating material and spaced bands of conducting material surrounding the plunger, one of said bands being operative to connect one of said pairs of contacts when the plunger is at the first named limit of its movement, the other of said bands connecting the other of the pairs of contacts when the plunger is at the last named limit of its movement, spaced pairs of opposed contacts carried by said panels and embodying terminal portions partially embracing the plunger to form guides therefor.

1,623,938. FLANGED FIN. WOLFGANG B. KLEMPERER, Akron, Ohio, assignor to Goodyear-Zeppelin Corporation, Akron, Ohio, a Corporation of Delaware. Filed July 30, 1925. Serial No. 47,018. 7 Claims. (Cl. 244—3.)



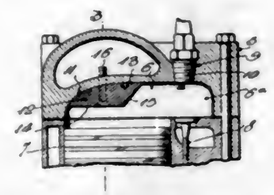
7. A stabilizing member for a lighter-than-air ship provided with a hull comprising a fin of substantially cruciform cross-section rigidly secured to the hull.

1,623,939. METHOD OF CONSTRUCTING COLUMNS. HERMAN T. KRAFT, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Sept. 21, 1925. Serial No. 57,788. 6 Claims. (Cl. 29—155.)



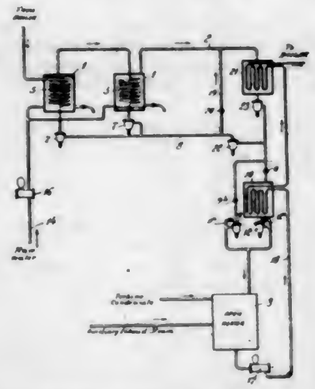
1. The method of constructing a girder which comprises riveting together a series of plates adjacent their edges, spreading the edges, and bending such edges back over along the line of riveting to form reinforcing members.

1,623,940. INTERNAL-COMBUSTION-ENGINE ATTACHMENT. JOSEPH M. MADER, Belleville, Ill. Filed June 7, 1926. Serial No. 114,228. 3 Claims. (Cl. 123—191.)



3. In an internal combustion engine whose cylinder head is formed with a combustion chamber extending laterally in one direction over intake and exhaust valves, said laterally extending portion having a spark plug opening in its top, and the portion of said top over the engine cylinder being of concave form; a removable metal block having a convex upper side secured against said concave top portion of the combustion chamber, said block having a substantially flat lower side and having a flat inner edge which inclines at an obtuse angle from its lower side toward but terminates in spaced relation with said spark plug opening, and fastening means engaged with said block and concaved top portion of the cylinder head for removably securing the former to the latter.

1,623,941. LOW-HEAT-LEVEL EVAPORATOR SYSTEM. LESLIE EARL SEBALD, Ridgewood, N. J., assignor to The Griscom-Russell Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 24, 1922. Serial No. 583,977. 2 Claims. (Cl. 257—30.)

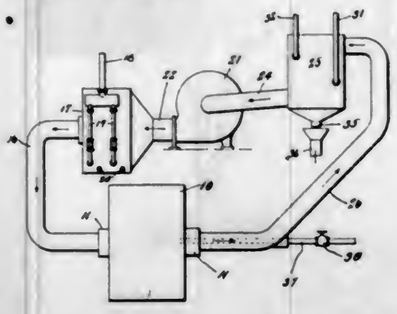


1. In a combined multi-effect evaporator and boiler feed system, means for joining the drains from all the evaporator coils at substantially the pressure existing in the shell of the last effect evaporator, means for conveying the resulting flash steam from said drains together with vapor from the said evaporator shell to a condenser, said condenser being adapted to receive said joined vapors and transfer heat therefrom to the boiler feed water, means for joining the condensate from said coils with the condensate from said condenser at a pressure lower than that maintained in said condenser, a second condenser operating at said lower pressure for receiving said condensate and bringing it into heat exchanging relation with the boiler feed water at said lower pressure, and means for conveying the condensate from said second condenser to the primary boiler feed heater, said boiler feed water passing successively through the primary heater, the second condenser and the first condenser.

1,623,942. METHOD FOR THE PREPARATION OF HYDROGEN SULPHIDE. ABRAHAM HENWOOD, Cynwyd, Pa., assignor, by mesne assignments, to Raymond M. Garey, Willow Grove, Pa. Filed Nov. 9, 1925. Serial No. 68,016. 19 Claims. (Cl. 23—181.)

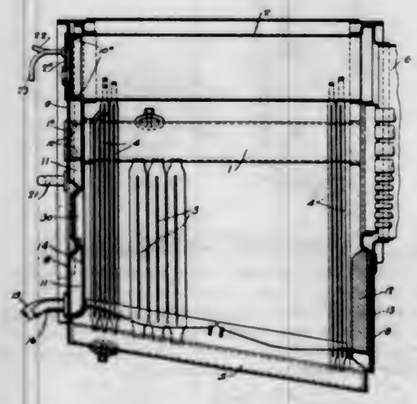
1. As a new composition of matter, a substance which will evolve hydrogen sulphide upon the application of heat, comprising a hydrocarbon having a boiling point above 110° C., sulphur and asbestos.

1,623,943. LEATHER-TREATING PROCESS AND APPARATUS FOR SAME. GEORGE S. NEELEY, Wood River, Ill. Filed May 31, 1923. Serial No. 642,640. 10 Claims. (Cl. 149—11.)



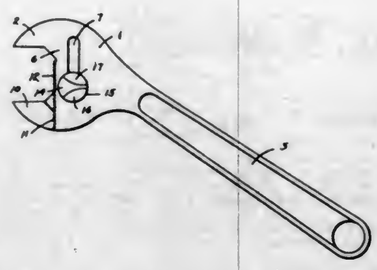
1. A leather treating process consisting in placing the leather in a revoluble container closed to the atmosphere, admitting steam thereinto and circulating hot air through said container for heating same and conveying away therefrom vapor, and reheating such air and extracting the vapor therefrom before readmitting said reheated air to said container for controlling the amount of moisture in said container.

1,623,944. STEAM GENERATOR. ROBERT ABSALOM THOM, Bearsden, near Glasgow, and JAMES THOM, Aberdeen, Scotland, assignors to The Superheater Company, New York, N. Y. Filed June 11, 1926. Serial No. 115,296, and in Great Britain June 9, 1925. 7 Claims. (Cl. 122—94.)



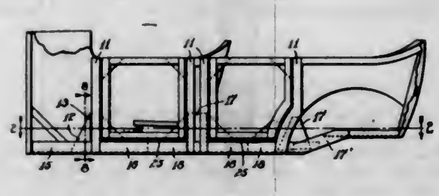
2. In a boiler of the locomotive type, a fire box having a rear wall forming a water space independent of the boiler, a conduit supplying boiler feed water to said rear wall and a connection leading from the rear wall water space to the boiler.

1,623,945. WRENCH. LOUIS R. CARBEIL, Savanna, Ill. Filed Sept. 18, 1926. Serial No. 136,218. 2 Claims. (Cl. 81—130.)



1. A wrench, comprising a recessed head provided with a transverse slot, a jaw fixed on said head, a movable jaw having a tongue movable in said recess, said head and movable jaw having interengaging edges, means for holding said parts yieldably in engagement, a pin movable in said slot and connected with said tongue, so as to impart a rocking movement thereto, and a thumb-button on the end of said pin, having a part engageable by the operator to give an initial rocking movement to said pin and disengage the edges of said movable jaw and head.

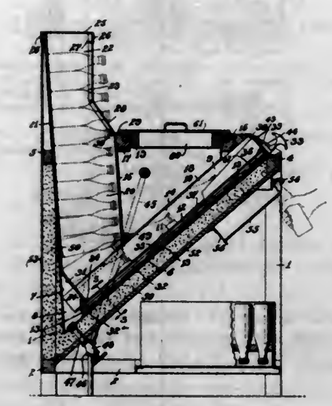
1,623,946. AUTOMOBILE BODY. CHESTER A. FRICK and RALPH W. DWIGHT, Muncie, Ind., assignors to Glascock Brothers Manufacturing Company, Muncie, Ind., a Corporation of Indiana. Filed Oct. 29, 1923. Serial No. 671,341. 6 Claims. (Cl. 296—28.)



1. An automobile body comprising two longitudinal series of sill irons, each extending part way across a door opening, door-opening posts carried by said sill irons, gusset plates secured to said sill irons and posts, bridge irons extending across a door opening, and means connecting each bridge iron with two adjacent sill irons.

1,623,947. BOTTLE REFRIGERATOR. CHESTER A. FRICK, Muncie, Ind., assignor to Glascock Brothers Mfg. Company, Muncie, Ind., a Corporation of Indiana. Filed Oct. 2, 1925. Serial No. 59,993. 16 Claims. (Cl. 211—8.)

1. The combination with a tub having a forwardly and upwardly inclined bottom, of a second tub nesting said first tub the space between the bottoms of said tubs being formed into a series of laterally liquid communicating bottle channels open at their forward end and supporting the bottles in axial stacked relation one on top of the other and the space between the backs of said tubs being formed into a series of vertical bottle chutes open at their tops and communicating with said first mentioned channels and arranged to support the bottles in stacks with the bottles disposed horizontally and reciprocable



means in each channel for engaging the bottom bottle of the axial stack and moving the stack axially to the open end of the channel and from beneath the horizontally stacked bottles.

1,623,948. NICKEL ALLOY. TRUMAN S. FULLER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 16, 1925. Serial No. 9,425. 8 Claims. (Cl. 75—1.)

1. An alloy consisting mainly of nickel and copper and containing from about one-half to five per cent aluminum and from about 0.40 to 0.03 per cent carbon, the higher aluminum content in a given alloy being associated with the lower carbon content and vice versa.

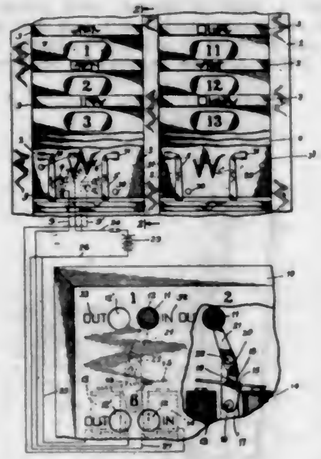
1,623,949. PROCESS OF MAKING GUAIACOL. IVAN GUBELMANN, HENRY J. WEILAND, and OTTO STALLMANN, South Milwaukee, Wis., assignors to The Newport Company, a Corporation of Delaware. Filed Sept. 30, 1925. Serial No. 59,735. 5 Claims. (Cl. 260—150.)

5. The process of making guaiacol which consists in decomposing diazo-o-anisol in the presence of a phosphoric acid salt, but in the absence of free sulphuric acid.

1,623,950. INDICATING DEVICE. HOWARD R. SARGENT, Bridgeport, Conn. Filed Dec. 31, 1921. Serial No. 526,866. 14 Claims. (Cl. 177—337.)

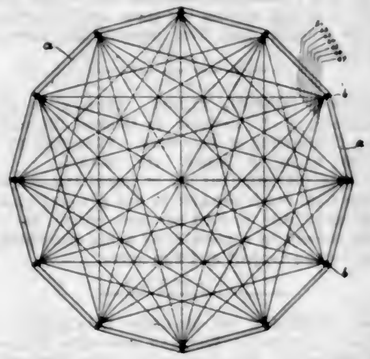
1. An indicating system of the character described including a card, a compartment for the card, an electric indicator adapted to maintain the indicating position to which it is actuated, and electrical means, including an electric circuit for the indicator, terminals in said compartment and cooperating contacts on the card, whereby the indicator will be actuated to give certain

signals corresponding with the direction of movement of the card, faced in a certain direction, into and out



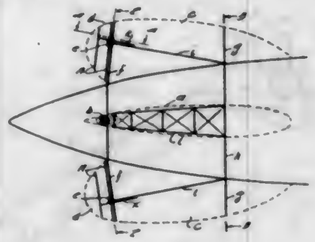
of compartment, and whereby the indicator will not be actuated upon movement of the card, faced in the opposite direction, into and out of the compartment.

1,623,951. AIRSHIP FRAME. KARL ARNSTEIN, Friedrichshafen-on-the-Bodensee, Germany, assignor to the Firm: Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Filed Mar. 21, 1923, Serial No. 626,709, and in Germany Sept. 7, 1922. 7 Claims. (Cl. 244—3.)



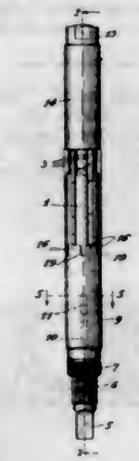
1. A rigid airship hull, comprising a longitudinal member and a cross member, said cross member constituting a substantially annular polygonal frame composed of individual elements, joining in points of juncture, each of said points of juncture being connected by tension members to every other point of juncture within said frame distanced from the originating point by more than two of such points of juncture.

1,623,952. STABILIZING APPARATUS FOR RIGID AIRSHIPS. KARL ARNSTEIN, Friedrichshafen, Bodensee, Germany, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Filed Aug. 27, 1924, Serial No. 734,535, and in Germany Sept. 20, 1923. 6 Claims. (Cl. 244—3.)



1. A rigid airship comprising a hull, fins of streamline shape, with rudders and elevators, said fins having cross sections of the shape of lancet arches, this shape tapering towards the rear end of the fins into a lentil-like shape.

1,623,953. ROTARY CUTTING TOOL. FRANCIS G. ECHOLS, Greenfield, Mass., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass., a Corporation of Massachusetts. Filed Sept. 25, 1925. Serial No. 58,515. 3 Claims. (Cl. 77—75.5.)



1. In a tool of the character described, a body, blades having beveled ends, and means for securing the blades in place on the tool body, said means including fingers mounted on the tool body and resilient radially with respect thereto, each finger resiliently engaging the beveled end of a blade, whereby when said fingers and blade ends are forced together endwise one or more of said fingers may become flexed radially outward, to permit each blade to be tightly engaged by one of said fingers irrespective of variations in the lengths of the blades.

Patents Nos. 1,623,954 to 1,624,004.

THE
OFFICIAL GAZETTE
OF THE
United States Patent Office.

Vol. 357—No. 2. TUESDAY, APRIL 12, 1927. Price—$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $10.00 per annum; single numbers, 25 cents each.

PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.

CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

CONTENTS.

	Page.
Issue of April 12, 1927	269
Notice	269
Adjudicated Patents	269
Briefs in Appealed Cases	269
Notice—Changes in Patent Office Fees	269
Applications Under Examination	270
Decisions of the U. S. Courts—	
Muther et al. v. United Shoe Machinery Corporation	271
Patent Suits	273
Adverse Decisions in Interference	274
Trade-Marks Published (232 Applications)	275
Trade-Mark Registrations Granted	308
Trade-Mark Registrations Renewed	313
Labels	316
Prints	317
Reissues	319
Designs	320
Patents Granted	323

Issue of April 12, 1927.

Trade-Marks	195—No.	226,463 to No.	226,657, inclusive.
T. M. Renewals	87		
Labels	46—No.	31,911 to No.	31,956, inclusive.
Prints	18—No.	9,712 to No.	9,726, inclusive.
Reissues	4—No.	16,589 to No.	16,592, inclusive.
Designs	61—No.	72,403 to No.	72,463, inclusive.
Patents	951—No.	1,623,954 to No.	1,624,904, inclusive.
Total	1,369		

Notice.

U. S. PATENT OFFICE, *Washington, Mar. 28, 1927.*

It is directed that all registrations of marks used on malt extracts and sirups or on malt preparations for food purposes, but capable of use for beverage purposes, be transferred from Class 46, Foods and ingredients of foods, to Class 48, Malt beverages, extracts, and liquors.

THOMAS E. ROBERTSON,
Commissioner.

ADJUDICATED PATENTS.

(D. C. Del.) The Levy and Heibronner patent, No. 957,170, for method of separating gases from their mixtures, claims 1–4 *Held* invalid. *Air Reduction Co.* v. *Carbo-Oxygen Co.*, 17 F (2d) 138.

(D. C. Del.) The Levy and Heibronner patent, No. 959,563, for method of separating gases from their mixtures, *Held* invalid. *Air Reduction Co.* v. *Carbo-Oxygen Co.*, 17 F. (2d) 138.

(D. C. Del.) The Coolidge patent, No. 1,082,933, product claims 24, 26, 27, 28, 33, and 34, for improved tungsten, *Held* invalid, and process claims 1–7, 9–12, 14, and 16–23, for methods of making improved tungsten for filaments, *Held* invalid. *General Electric Co.* v. *De Forest Radio Co.*, 17 F. (2d) 90.

(D. C. N. Y.) The Meyer patent, No. 1,341,145, for improvement in plate valves, claims 1, 4, and 6 *Held* valid and infringed. *Worthington Pump & Machinery Corporation* v. *Clark Bros. Co.*, 17 F. (2d) 189.

(D. C. N. Y.) The Meyer reissue patent, No. 13,901, for plate valve, claim 3 *Held* valid and infringed. *Worthington Pump & Machinery Corporation* v. *Clark Bros. Co.*, 17 F. (2d) 189.

Briefs in Appealed Cases.

All briefs filed in this Office should have conspicuously printed thereon a statement designating the particular tribunal of the Patent Office to which the brief is addressed.

NOTICE—CHANGES IN PATENT OFFICE FEES—EFFECTIVE APRIL 14, 1927.

The act of Congress approved February 14, 1927, amends section 4934, Revised Statutes, so as to provide (except in design cases) a fee on filing each original application for a patent of $20 and of $1 for each claim in excess of twenty, and on issuing each original patent, of $20 and of $1 for each claim in excess of twenty.

The new rates are effective in connection with all applications filed on or after April 14, 1927, and all final fees paid on or after that date.

In every case which contains more than twenty claims, the payment after April 13, 1927, of a final fee of $20, or less than $20 plus $1 for each claim in excess of twenty, will not save the case from forfeiture.

Condition of Applications Under Examination at Close of Business April 1, 1927.

(Total number of applications awaiting action, excluding Trade-Mark Division, 57,200; Trade-Mark Division, 1,938. Oldest new case, July 29, 1926; oldest amended, Aug. 4, 1926. The dates given are 1926 except where † indicates 1927.)

Room No.	Divisions, Examiners, and Subjects of Inventions.	Oldest new application awaiting action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders	†Jan. 28	†Jan. 28	499
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Dec. 9	Dec. 10	681
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 9	Dec. 1	1,490
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Oct. 19	Oct. 25	1,444
108°	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters	Oct. 22	Oct. 22	915
318	6. LEWERS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation	Aug. 23	Sept. 9	1,602
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Oct. 25	Oct. 25	1,189
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Nov. 26	Dec. 4	1,632
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	†Jan. 12	†Jan. 14	745
118	10. HUNTER, O. P., Land Vehicles—Animal Draft Appliances, Bodies and Tops	Nov. 17	Nov. 18	1,164
148°	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.	Dec. 18	Dec. 21	899
890	12. PIERCE, P. P., Machine Elements	Nov. 3	Nov. 15	1,042
154°	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Oct. 25	Nov. 26	1,212
102°	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Oct. 7	Oct. 19	1,072
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Dec. 2	Dec. 4	1,256
242°	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Dec. 6	†Jan. 3	995
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 23	Oct. 25	726
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 23	Sept. 20	960
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Dec. 15	†Jan. 3	745
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Nov. 22	Nov. 22	958
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Nov. 4	Nov. 3	951
244°	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 4	Oct. 5	826
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 25	Dec. 3	613
147°	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 27	Sept. 21	1,007
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal-Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.	Oct. 16	Nov. 1	1,216
228°	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 16	Nov. 10	848
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Dec. 15	Dec. 17	840
225	28. BENSON, A. R., Internal-Combustion Engines	Dec. 2	Dec. 14	1,118
160°	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Nov. 2	Nov. 4	1,111
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Nov. 19	Dec. 29	800
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Nov. 8	Nov. 11	1,502
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation	Nov. 19	Nov. 17	578
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs, Wooden Buildings.	Dec. 10	†Jan. 4	1,168
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.	Oct. 11	Oct. 28	754
116°	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators, Toilet.	Dec. 18	†Jan. 14	993
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	†Jan. 8	†Jan. 12	831
224°	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	Oct. 25	Nov. 9	1,359
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Oct. 5	Oct. 9	1,066
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	†Jan. 11	Dec. 1	451
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles	Nov. 24	Nov. 22	1,684
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Dec. 27	Dec. 14	676
223°	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Oct. 20	Oct. 16	1,557
124°	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Dec. 2	Dec. 18	864
253	44. SHAFFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Oct. 18	Oct. 22	1,083
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Dec. 10	Dec. 16	844
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Nov. 17	Nov. 4	940
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 14	Nov. 24	1,276
213°	48. ROEPKE, O. B., Electricity, General Applications	Oct. 21	Oct. 25	1,013
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.	Oct. 8	Oct. 29	964
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Dec. 7	Dec. 23	1,196
240°	51. BACKUS, C. D., Radiant Energy, Wave Transmission	Oct. 8	Oct. 7	1,273
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Nov. 8	Nov. 9	1,155
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Dec. 22	Dec. 4	898
241°	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes	July 29	Aug. 4	1,726
102	55. RICHARD, V. I. (Acting)—Bread, Pastry, and Confection Making; Cutlery	Nov. 1	Nov. 5	494
	Designs	†Mar. 2	†Mar. 16	520
163	Trade-Mark, Labels, and Prints: F. A. RICHMOND—Trade-Marks	†Mar. 2	†Mar. 21	1,717
	Labels and Prints	†Mar. 19	†Mar. 18	221

Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

U. S. Circuit Court of Appeals—Third Circuit.

MUTHER ET AL. *v.* UNITED SHOE MACHINERY CORPORATION.

Decided September 5, 1928.

[14 Fed. Rep. (2d) 808.]

INTERFERENCE—CONCEPTION BY A. AND LATER INDEPENDENT CONCEPTION AND REDUCTION TO PRACTICE BY B., TO WHOM A. ASSIGNED, DO NOT CARRY DATE OF INVENTION BACK TO A.'S CONCEPTION.

A. was first to conceive an invention, but did not reduce it to practice. B. afterwards conceived the same invention, reduced it to practice, and applied for patent, believing himself to be the original inventor. But other applications were filed, claiming prior dates of invention, and B., learning of A.'s conception, purchased an assignment from him and caused him to file application, canceling his own claims. *Held* that there was no such relation between them that B.'s reduction to practice could inure to the benefit of A., and that the Patent Office correctly held that his date of invention must be restricted to the date of his application as his constructive reduction to practice.

APPEAL from the District Court of the United States for the District of New Jersey; Joseph L. Bodine, judge.

Suit in equity by Lorenz Muther and Albert F. Deitsch against the United Shoe Machinery Corporation to obtain the issuance of patent. Decree for defendant, and complainants appeal. Affirmed.

[For opinion below, see 7 F. (2d) 954.]

Mr. Edward F. McClennen and *Mr. Francis J. V. Dakin* for the appellants.

Mr. Edward G. Curtis, Mr. Frederick P. Fish, and *Mr. Alex. D. Salinger* for the appellee.

Before BUFFINGTON and WOOLLEY, Circuit Judges, and DICKINSON, District Judge.

WOOLLEY, *Cir. J.:*

This is an appeal by the complainants from a decree of the district court dismissing the bill in a suit brought under section 4915 of the Revised Statutes (Comp. St. sec. 9460) by Albert F. Deitsch, the inventor, and Lorenz Muther, his assignee, to obtain a patent, refused by the Commissioner of Patents, on a restricted shoulder in an invisible-eyelet-setting device.

Deitsch's claimed invention relates to the art of eyeleting in the manufacture of shoes. A shoe upper of ordinary construction is made of a number of layers of material—an outer layer of leather, a buckram reenforcing stay, a canvas lining, and a leather facing. Eyelets are of two kinds, visible from the outside of the shoe and invisible. Visible eyeleting is completed in one operation. The eyelet, inserted in an eyelet hole on the outside of a fully stitched shoe upper, extends inwardly through all the layers and is clenched upon the surface of the inner layer next to the stocking of the wearer. Invisible eyeleting, prior to the invention in suit, comprised two operations on the shoe upper before its layers were completely sewed together; one, inserting the eyelet in the punched hole beneath the inner layer, passing it outwardly through the next layer and clenching it between the outside of the third layer and the inside of the outer layer; and the other, returning the outer layer to its position overlying the under layers, thus concealing the eyelet and giving the appearance of a mere perforation in the leather. Through eyelets of both kinds shoes are laced.

The instrument used for eyeleting in both ways was a small die or punch with a curved shoulder which in action expanded and compressed the flanges of the eyelet barrel. Deitsch conceived the idea that if the shoulder of this tool were cut off at a precisely determined point in its curvature, the lower extremity of the tool would enter the eyelet and the shoulder, thus restricted, descending through the outer layer of the upper would contact with the eyelet between it and the next layer and there spread and compress its flanges out of sight, performing the two operations in one on a fully stitched upper. The idea, if novel and practical, was highly useful.

In August, 1912, Deitsch, then a machinist in the employ of the Brown Shoe Company at its Blue Ribbon Plant in St. Louis, took a visible-eyelet punch and cutting down the shoulder tried it in invisible eyeleting on uppers made of various kinds of leather with success that was indifferent yet sufficient to call it to the attention of Edmund Muther, in charge of the local office of the Peerless Machinery Company. Later, Edmund Muther sent the punch and a sketch (now lost) to his brother, L. F. Muther, in Boston, writing him that Deitsch had done the best he could with the facilities at hand and requesting him to make up several of them. L. F. Muther, it is testified, showed the tool to Lorenz Muther, his father, head of the Peerless Machinery Company, who was little impressed with it. He then wrote his brother Edmund for more information. Here it seems the matter rested until Lorenz Muther himself, in January, 1914, invented a punch for invisible eyeleting which embodied Deitsch's idea of a restricted shoulder as one of its two characteristics—the other, essentially his own, being a recess above the shoulder. In his application for a patent, Muther, sr., broadly claimed the Deitsch invention, yet he abandoned the claims covering it when, later (as testified), he was informed for the first time of the Deitsch device. Being concerned about what Deitsch had done, and doubtless desiring the advantage of his earlier date of conception, he bought his invention. In the meantime other inventors had entered the field and applied for patents for the same or related device with claimed dates of invention not far apart. These were Doulett, Cote and Smith. As a result, the Patent Office directed interference proceedings between the several applicants on their respective inven-

tions. This induced Muther, rather hurriedly, to have Deitsch apply for a patent on his assigned invention. Deitsch filed his application on August 10, 1914. The patent tribunals, beginning with the Court of Appeals of the District of Columbia, all found that Deitsch was first to conceive the invention and fixed his date of conception some time in August, 1912. They also found that between the date of his conception and the date of his application for a patent Deitsch did substantially nothing toward its reduction to practice, and held that his failure to develop his invention by further experiments and ultimately by actual reduction to practice amounted to that lack of diligence which precludes an award of a patent based on the date of conception. *Christie v. Seybold*, 64 O. G. 1650, 55 F. 69, 76, 5 C. C. A. 33. Thus he was restricted to the date of his application as the date of constructive reduction to practice. In the interference proceedings, where there were several issues between the several interferents, Doulett defeated Deitsch and the Commissioner of Patents on the decree of the Court of Appeals of the District of Columbia refused him a patent. Hence this action.

For a statement of the facts and proceedings in greater detail we refer to the opinion of the trial court. (D. C.) 7 F. (2d) 954.

As confusion, arising in the somewhat complicated interference proceedings, has extended into and through the trial and review of this case, it may be well to state the true question involved. This may be done and the controversy clarified by first determining what question is not involved. There is no question here as to which one of several claimants was the first and original inventor of the restricted shoulder on an invisible eyeleting tool. The question is whether Deitsch was the first and original inventor, because it is only on a finding that he was such an inventor that, in this proceeding, he would be entitled to the patent refused him by the Commissioner. Except as their positions bear on that of Deitsch we are not concerned with Muther, Cote, Smith and Doulett.

The question of inventorship in Deitsch turns on several others; first, the time and, second, the character of his concept, and, third, its reduction to practice with reasonable diligence before others came into the art with the same thought and diligently reduced it to practice.

We shall assume—indeed, we find—that the patent tribunals were right in holding that Deitsch had the first concept of the invention and that it occurred some time in August, 1912. Our next inquiry therefore is when did he reduce it to practice? His constructive reduction to practice was on the date he filed his application for a patent—August 10, 1914. Did he actually reduce his conception to practice between those dates? This question is divided into two others: first, whether he made such reduction himself; or, second, whether he made it through Muther, sr., acting as his agent.

First: Without repeating the testimony it will be enough to say that, in obedience to the law of *Morgan v. Daniels*, 67 O. G. 811, 153 U. S. 120, 14 S. Ct. 772, 38 L. Ed. 657, yet more particularly as a result of our independent judgment, we subscribe to the finding of the patent tribunals that Deitsch did not himself reduce his inventive concept to practice. True, he made several experiments in August, 1912, which showed the possibility of a practical tool, yet they either failed to impress him with the value of his thought or discouraged further trials. At all events after turning the result of his work over to Edmund Muther, he did nothing for nearly two years, when, the matter being called to his attention by Muther, sr., he sold him his rights in the invention for a small sum.

Second: Muther, sr., reduced the invention to actual practice in January, 1914. Whether he conceived it independently of Deitsch or unconsciously dependent on Deitsch, being a mental operation of his own, it is difficult for any one but himself to determine. There is evidence that the Deitsch device was called to his attention a year and a half before, yet Muther testified that he had no recollection of it and in his application for a patent, filed January 31, 1914, he made the usual affidavit that he believed himself to be the original, first and sole inventor. We think Muther, sr., was entirely honest in what he said and did. Certainly he is the only one who knows how he acquired his conception of the invention. Rather than surmise that it was born of an unconscious impression of the Deitsch device previously shown him, we shall take his word and, accepting as true his story of his conception in November, 1913, we find that he conceived the invention independently of Deitsch. *Rousso v. Barber*, 338 O. G. 737, (C. C. A.) 3 F. (2d) 740, 741; *Miehle Printing Press & Mfg. Co. v. Miller Saw Trimmer Co.* (C. C. A.) 6 F. (2d) 417, 418.

The evidence which has brought us to this view brings us to the conclusion that Muther's reduction to practice was equally independent of Deitsch. We find no relation of principal and agent, beneficiary or trustee between Deitsch and Muther in respect to the invention by which Muther's reduction to practice inured to Deitsch. Here again we are in accord with the findings of the patent tribunals.

As between Deitsch and Muther, the situation is that Deitsch first conceived the invention and Muther first reduced it to practice. Deitsch's conception, however inventive, is not the subject of a patent except through means by which to carry it out. He supplied none. Reduction of his inventive conception to practice is therefore the price of a patent. This he has not paid unless by the constructive reduction incident to the filing of his patent application on August 10, 1914. But this will avail him nothing because before that date a number of inventors had both conceived and reduced to practice the same idea—three, Muther, Cote and Doulett, had applied for patents. Also, the invention had gone into commercial use. The grant of a patent to Muther, assignee of Deitsch, therefore, must be refused, unless, as he maintains, the respondent is estopped to deny his right to a patent by the decision of the District Court of the United States for the District of Massachusetts, affirmed by the Circuit Court of Appeals for the First Circuit, in *United Shoe Machinery Corporation et al v. Muther*, 288, F. 283.

Muther brought that suit against the United Shoe Machinery Corporation for infringement of his Patent No. 1,112,643, granted October 6, 1914, on the application to which we have referred, filed January 31, 1914. The United Shoe Machinery Corporation was operating under a patent to Doulett, granted after the interference proceedings on an application filed August 1, 1914. As Muther had abandoned all claims covering the Deitsch device, the action naturally and necessarily related to the remaining claims for the recess or "a contracted portion [of the tool] above the setting shoulder." That the issue was limited to this feature was repeatedly stated by the court. Therefore the case had nothing to do with priority of invention of the restricted shoulder as between Deitsch and Doulett. Because of lack of identity of causes of action, the complainants concede that the decision of the Federal courts in Massachusetts cannot operate as res judicata in this case, but they insistently urge that decision as an estoppel by judgment, grounded on the distinction between res judicata, which is confined to the thing adjudged, and estoppel by judgment, which extends beyond the thing adjudged to the decision on issues actually tried and decided. *Friend v. Talcott*, 228 U. S. 27, 38, 33 S. Ct. 505, 57 L. Ed. 718, and *Myers v. International Trust Co.*, 263 U. S. 64, 44 S. Ct. 86, 68 L. Ed. 165. The effect of the decision was a reversal of the patent tribunals on evidence not before them and particularly on a letter written by Doulett showing test and use of his invention not in 1913 as found by the patent tribunals but "since March 1, 1914." Finding Muther prior to Doulett on the recess above the shoulder, the court sustained the Muther patent. As Doulett's experiments in respect to both the upper and lower inventions on the little tool were (it is claimed) but a month or so apart, the complainants insist that the court in deciding the issue of priority between Muther and Doulett on the upper invention necessarily decided an issue of priority between Deitsch and Doulett on the lower invention and in effect reversed the patent tribunals also on that issue and thereby estopped the respondent from retrying it here. While this argument may be persuasive—it was, indeed, admirably presented—we are constrained to hold that it does not apply, and for two reasons: one, that an issue of priority between Deitsch and Doulett as to the restricted shoulder was not there pleaded, tried or decided; and, if by any chance we are wrong in this, the other, that the decision is without effect on the instant case because Doulett's very latest date of actual reduction to practice was in April or May, 1914, which was before Deitsch's earliest date, that of his constructive reduction to practice, when on August 10, 1914, he applied for a patent. Moreover, the complainants' contention of estoppel by judgment, if sustained on the facts and on the law, would be of value only if we should hold that Muther's reduction to practice, prior to Doulett's, inured to Deitsch. Having held the contrary, the point falls.

These views are decisive of the suit and sustain the decree below.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

940,901, W. H. Son, Car truck; 940,902, same, Car, suit filed Nov. 20, 1926, D. C., S. D. N. Y., Doc. E 39/129, *M. Son v. Pressed Steel Car Co. et al.* Complaint dismissed Mar. 1, 1927.

940,902. (See 940,901.)

1,045,763, F. O. Whiting, Crusher, suit filed Feb. 18, 1927, D. C., W. D. Mo. (W. Div.), Doc. 793, *The Jeffrey Mfg. Co. v. United Iron Works.*

1,084,656. (See 1,156,141.)

1,084,820, T. Pescatore, System of transporting heavy loads by motor vehicles, suit filed Feb. 23, 1927, D. C., E. D. Mich. (S. Div.), Doc. 1913, *Lapeer Trailer Corp. v. Fruehauf Trailer Co.*

1,104,652, H. Gehnrich, Portable oven, suit filed July 22, 1926, D. C., N. D. Ohio (E. Div.), Doc. 1972, *Gehnrich Indirect Heat Oven Co. v. The Swartwout Co.* Claim 1 held valid and injunction granted Feb. 23, 1927.

1,111,658, G. A. Landenberger, Stocking, suit filed Feb. 25, 1927, D. C., S. D. N. Y., Doc. E 40/320, *Gotham Silk Hosiery Co., Inc., v. G. J. Healey et al.*

1,156,141, 1,301,696, Hess & Myers, Ribbon spool for typewriting machine; 1,084,656, L. C. Myers, Ribbon mechanism for typewriting machines, suits filed Feb. 24, 1927, D. C., S. D. N. Y., Doc. E 40/302, *Royal Typewriter Co., Inc., v. E. Schultz (Queen Ribbon & Carbon Co.) et al.*

1,193,093, B. Weinberger, Garment pressing machine; 1,326,982, J. B. Spencer, same, suit filed Apr. 28, 1926, D. C., S. D. N. Y., Doc. E 36/335, *United States Hoffman Machine Corp. v. O. Fox.* Patents sustained and injunction granted Feb. 26, 1926.

1,198,090, 1,198,091, T. L. White, Transmission band, appeal filed Feb. 7, 1927, C. C. A. (8th Cir.), Doc. 7741, *Ford Motor Co. v. Parks & Bohne, Inc.*

1,198,091. (See 1,198,090.)

1,204,276, A. L. Johnson, Jack; 1,382,783, A. F. Lanier, same, suit filed Feb. 25, 1927, D. C. Ind. (South Bend), Doc. E 29, *So-Lo Jack Co., Inc., v. E. W. Conrad.*

1,220,038, Des. 48,957, C. W. White, Child's vehicle, appeal filed Feb. 16, 1927, C. C. A. (2d Cir.), Doc. 9556, *H. C. White Co. v. M. E. Converse & Son Co. et al.*

1,242,872, 1,357,521, C. Saunders, Self-serving store; 1,297,405, same, Price-tagging means, suit filed Feb. 23, 1927, D. C. Wash. (N. Div.), Doc. 569, *Piggly Wiggly Corp. v. Saveway Corp. et al.*

1,297,405. (See 1,242,872.)

1,301,696. (See 1,156,141.)

1,315,749, R. C. Stubbs, Paving for streets, etc., suit filed Feb. 28, 1927, D. C., N. D. Ga. (Atlanta), Doc. E 441, *R. C. Stubbs* v. *F. W. Sampson et al.*

1,326,982. (See 1,193,093.)

1,357,521. (See 1,242,872.)

1,373,576, P. H. Thomas, Electric insulator, appeal filed Feb. 23, 1927, C. C. A. (2d Cir.), Doc. 9565, *Westinghouse Electric & Mfg. Co.* v. *J. De Witt Insulator Co.*

1,382,733. (See 1,204,276.)

1,398,010, A. J. Eisman, Door check; 1,532,239, 1,574,340, G. Fauser, same, suit filed May 6, 1926, D. C. Ind. (Indianapolis), Doc. 982, *Ternsted Mfg. Co.* v. *The Concealed Door Check Co.* Decree of injunction, claim 4 of 1,398,010, claims 1, 2, 3, 4, and 5 of 1,532,239, and claims 1, 2, and 4 of 1,574,340 held valid Jan. 26, 1927.

1,408,150, G. Virzi, Sound-producing instrument, suit filed Jan. 31, 1927, D. C. Ind. (Indianapolis), Doc. 1009, *The Sparks Withington Co.* v. *Remy Electric Co.*

1,472,719, G. Horvath, Machine for making radiator tubes, suit filed Feb. 8, 1927, D. C., E. D. Mich. (S. Div.), Doc. 1877½, *G. Horvath* v. *McCord Radiator & Mfg. Co.*

1,483,868, V. Clifford, Vent for liquid containers, suit filed Feb. 24, 1927, D. C., N. D. Okla. (Tulsa), Doc. E 221, *Petroleum Safety Appliance Co.* v. *Brooks Engineering Corp.*

1,486,883, E. P. Halliburton, Method of hydrating cement and the like; 1,500,385, same, Method of and apparatus for mixing materials, suit filed Feb. 22, 1927, D. C., E. D. Okla. (Muskogee), Doc. E 3554, *E. P. Halliburton et al.* v. *Packer Oil Well Cementing Co.*

1,489,597, 1,545,425, W. F. Hillpot, suit filed Feb. 8, 1927, D. C. Del., Doc. E 633, *W. F. Hillpot* v. *The Smith Incubator Co. et al.* Same, suit filed Feb. 23, 1927, D. C., Ind. (Indianapolis), Doc. 1012, *W. F. Hillpot* v. *H. G. Murphy.*

1,492,361, M. J. A. Davy, Fastener, suit filed Feb. 25, 1927, D. C., S. D. N. Y., Doc. E 40/307, *M. J. A. Davy* v. *Dieckerhoff, Raffloer & Co., Inc.*

1,500,385. (See 1,486,883.)

1,532,239. (See 1,398,010.)

1,542,142, P. Johnson, Fluid-fuel burner, suit filed July 29, 1926, D. C. Wash. (Seattle), Doc. 546, *P. Johnson* v. *Swanson & Camus* (*Hydro Carbon Light Co.*). Order of dismissal Feb. 24, 1927.

1,545,425. (See 1,489,597.)

1,546,708, J. S. Booth, Motor vehicle, suit filed Dec. 13, 1926, D. C. Ind. (Indianapolis), Doc. 1004, *J. S. Booth* v. *Stutz Motor Car. Co. of America.* Bill dismissed on motion for want of equity with leave to file amended bill Feb. 1, 1927.

1,553,002, C. O. Nelson, Livestock remedy, suit filed Mar. 9, 1926, D. C. Nebr. (Omaha), Doc. E 788, *United Fly Salt Co.* v. *J. & R. Stock Salt Co.* Claims 1 and 3 held invalid, claim 2 not infringed; bill dismissed Feb. 21, 1927.

1,574,340. (See 1,398,010.)

1,580,922, A. Scherer, Lamp shade and method of making same, suit filed Feb. 24, 1927, D. C., S. D. N. Y., Doc. E 40/304, *A. Scherer* v. *S. B. Barthe et al* (*San Dor Art Co.*).

1,590,982, E. B. Morris, Farrowing house, suit filed Feb. 23, 1927, D. C., S. D. Iowa (Des Moines), Doc. E 4356, *E. B. Morris et al.* v. *Western Sib Co.* Same, suit filed Feb. 25, 1927, D. C., N. D. Iowa (Dubuque), Doc. E 115, *E. B. Morris et al* v. *W. Claud.*

1,595,887, W. R. Spaulding, Awning for the side windows of closed-body automobiles, suit filed Feb. 16, 1927, D. C., W. D. Mo. (W. Div.), Doc. 790, *E. H. Himbury* v. *D. C. Allard et al.*

1,607,445, P. L. Coyle, Die rolling; 1,607,498, W. P. Witherow, same, suit filed Feb. 25, 1927, D. C., W. D. N. Y., Doc. 1062-F, *Witherow Steel Co.* v. *Donner Steel Co., Inc.*

1,607,498. (See 1,607,445.)

Re. 16,405, A. R. Thompson, Rotary exhaust box, suit filed Feb. 23, 1927, D. C., N. D. Calif. (San Francisco), Doc. 1841, *Anderson Barngrover Mfg. Co.* v. *Anderson Filling Machine Co.*

Des. 48,957. (See 1,220,038.)

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,489,151, L. P. Prossen, Disk-wheel straightener, decided March 24, 1927, claim 2.

Pat. 1,563,599, J. N. Walters, Telephone-exchange system, decided March 3, 1927, claims 1 to 8, inclusive.

Pat. 1,563,893, S. Cohen, Multiple variable condenser, decided March 1, 1927, claims 1, 2, and 4.

Pat. 1,564,673, C. E. Hocking, Expansion reamer, decided March 5, 1927, claim 1.

Pat. 1,565,746, D. F. McGovern, Polishing wheel, decided March 3, 1927, claim 3.

Pat. 1,580,541, W. S. Sherman, Locking manhole frame and cover, decided March 24, 1927, claims 1 to 4, inclusive.

TRADE-MARKS

OFFICIAL GAZETTE, APRIL 12, 1927.

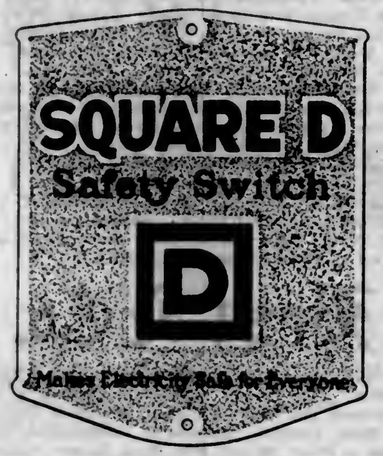
[VOL. 357. No. 2.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 172,616. (CLASS 21. ELECTRICAL APPARATUS. MACHINES, AND SUPPLIES.) SQUARE D COMPANY, Detroit, Mich. Filed Nov. 27, 1922.



No claim is made to the words "Safety Switch" and "Makes Electricity Safe for Everyone" apart from the mark shown in the drawing.

Particular description of goods.—Electrical Cabinets, Electrical Switches, Switch Boxes, Meter-Testing Apparatus, and Meter Connection Blocks.

Claims use since February, 1920.

Ser. No. 195,222. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THOMAS H. DOWNWARD, doing business as Elastic Compound Paint Company, Philadelphia, Pa. Filed Apr. 9, 1924.



Particular description of goods.—Ready-Mixed and Paste-Form Paints, Paint Binders, Driers, Varnishes, Paint Enamels, and Primers.

Claims use since Mar. 15, 1916.

Ser. No. 208,522. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) KELLOGG SWITCHBOARD AND SUPPLY CO., Chicago, Ill. Filed Jan. 23, 1925.

Trans Former

No claim is made to the exclusive use of the word "Transformer" apart from the mark as shown.

Particular description of goods.—Battery Eliminator.

Claims use since Jan. 20, 1925.

Ser. No. 208,743. (CLASS 27. HOROLOGICAL INSTRUMENTS.) BERNARD D. COLEN, New York, N. Y. Filed Jan. 28, 1925.

RADIOCLOK

Particular description of goods.—Clocks.

Claims use since about Jan. 8, 1925.

Ser. No. 221,897. (CLASS 15. OILS AND GREASES.) THE HICKOK PRODUCING CO., Toledo, Ohio. Filed Oct. 17, 1925.

HIGO

Particular description of goods.—Lubricating Oils and Lubricating Greases.

Claims use since Nov. 1, 1922.

Ser. No. 225,438. (CLASS 39. CLOTHING.) MILTON J. MEYER & CO., INC., New York, N. Y., assignor to The United States Shoe Company, Cincinnati, Ohio. Filed Jan. 2, 1926.

RED CROSS

Particular description of goods.—Children's Leather Shoes.
Claims use since about 1891.

Ser. No. 226,574. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SUPER PAINT & VARNISH COMPANY, Brooklyn, N. Y. Filed Jan. 28, 1926.



Applicant disclaims the geographical term "Brooklyn, New York," and the descriptive word "Varnishes" apart from the mark as shown.
Particular description of goods.—Ready-Mixed Paints.
Claims use since Sept. 1, 1925.

Ser. No. 226,937. (CLASS 39. CLOTHING.) BETTY WALES INC., New York, N. Y. Filed Feb. 6, 1926.



The script words and the signature adopted by the author who created the fictitious character known as "Betty Wales" for the series of books bearing that name.
Particular description of goods.—Hosiery, Underwear of Knitted and Textile Fabric, Cloaks, Suits and Dresses, Jackets, Bonnets, Sashes, Scarfs, Mufflers, Gaiters; Dress, Negligee, and Work Shirts; Trousers, Rubbers; Boots of Leather, Fabric, and Combinations Thereof; Shoes of Leather, Fabric, and Combinations Thereof; Shirt Waists, Brassières, Negligees, Toques, Jumpers, Leggings, Putties, Bathing Suits, Gauntlets, Sweaters, Hoods for Men and Women, Caps for Men and Women; Vests, Capes, Sport and Sporting Goods Suits for Men and Women; Outing Shirts, Jerseys, Knee Tights, Camping Suits, Sandals, Kimonos, Ties, Collars, and Jabots, Cuffs, Shawls, Blouses; Mittens of Leather, Fabric, and Combinations Thereof, and Slippers of Leather, Fabric, and Combinations Thereof.
Claims use since about 1921.

Ser. No. 227,056. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CALIFORNIA SUPPLY COMPANY, San Francisco, Calif. Filed Feb. 9, 1926.

RINGER

Particular description of goods.—Tomato Catchup and Canned Tomato with Puree Sauces—Namely, Worcester and Chili Sauce; Relishes—Namely, Horse-Radish, Prepared Mustard, Chow-Chow, Canned Sauerkraut, Dill Pickles, Sour Pickles, Sweet Pickles, Pearl Onions, and Sweet Relish Consisting of a Mixture of Chopped Pickles, Cauliflower, Tomatoes, Etc., Sweetened With Sugar, Mincemeat, Green and Ripe Olives, Distilled White Vinegar, Cider Vinegar and Table Sirup.
Claims use since December, 1919.

Ser. No. 227,291. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) BEST & CO., INC., New York, N. Y. Filed Feb. 15, 1926, under section 5b of the act of 1905 as amended in 1920.

Best & Co.

Particular description of goods.—Fitted Sewing Baskets and Kits; and Nursery Baskets Comprising a Soap Box, Powder Box, and Comb of Hard Rubber, Celluloid, Shell, Bone, Vulcanite, Enamel, or Combinations Thereof; and a Brush Backed with Hard Rubber, Celluloid, Shell, Bone, Vulcanite, Enamel, or Combinations Thereof; and a Pincushion; and Traveling Set Comprising Combs, Toothbrush Holders, and Soap Boxes of Hard Rubber, Celluloid, Shell, Bone, Vulcanite, Enamel, or Combinations Thereof, and Brushes Backed with Such Material, and Bottles for Perfume.
Claims use since 1879 on nursery baskets and on fitted sewing baskets and kits since May, 1923.

Ser. No. 227,542. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) TONK BROS. COMPANY, Chicago, Ill. Filed Feb. 19, 1926.



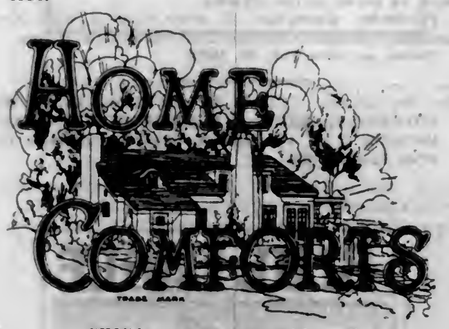
Particular description of goods.—Fretted Stringed Musical Instruments.
Claims use since Jan. 15, 1926.

Ser. No. 227,664. (CLASS 15. OILS AND GREASES.) EDGAR A. MEYER, doing business as The Sylvana Oil Company, Cleveland, Ohio. Filed Feb. 23, 1926.

SYLVANA

Particular description of goods.—Lubricating Oils and Greases.
Claims use since on or about Jan. 1, 1926.

Ser. No. 227,803. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE CLIFFORD W. MAISH BEDDING COMPANY, Cincinnati, Ohio. Filed Feb. 25, 1926.



"Will keep you warm and happy"

Applicant disclaims the word "Comforts" except in connection with the mark as shown. The phrase "Will Keep You Warm and Happy" and the word "Trade-Mark" as shown upon the drawing are disclaimed apart from the mark shown.
Particular description of goods.—Comforts.
Claims use since Feb. 16, 1926.

Ser. No. 227,956. (CLASS 33. GLASSWARE.) THE MILLER COMPANY, Meriden, Conn. Filed Mar. 1, 1926.

DYNER

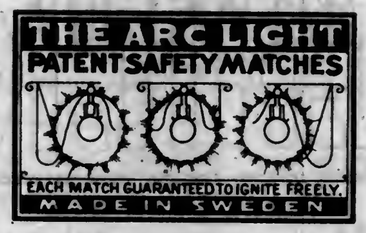
Particular description of goods.—Glass Globes and Reflectors.
Claims use since Dec. 1, 1925.

Ser. No. 227,957. (CLASS 33. GLASSWARE.) THE MILLER COMPANY, Meriden, Conn. Filed Mar. 1, 1926.

TUSCAN

Particular description of goods.—Glass Globes and Reflectors.
Claims use since July 1, 1925.

Ser. No. 228,192. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) JÖNKÖPINGS OCH VULCANS TÄNDSTICKSFABRIKSAKTIEBOLAG, Jonkoping, Sweden. Filed Mar. 5, 1926.



No claim is made to the exclusive use of the words "Patent Safety Matches, Each Match Guaranteed to Ignite Freely, Made in Sweden" apart from the mark as shown in the drawing.
Particular description of goods.—Matches.
Claims use since Jan. 8, 1926.

Ser. No. 228,611. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) B. F. LIST, Exeter, Calif. Filed Mar. 13, 1926.

Silver Cup

Particular description of goods.—Fresh Grapes, Plums, Peaches, Fresh Lemons, Oranges, and Grapefruit.
Claims use since Oct. 10, 1922, on fresh grapes, plums, peaches, and since Dec. 19, 1923, on fresh oranges, lemons, grapefruit.

Ser. No. 228,879. (CLASS 33. GLASSWARE.) THE WESTERN GLASS COMPANY, Streator, Ill. Filed Mar. 19, 1926.

SUPERLITE

Particular description of goods.—Figured Sheet Glass.
Claims use since Nov. 23, 1925.

Ser. No. 230,556. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) MARCUS BRUSH CO., INC., New York, N. Y. Filed Apr. 22, 1926.



No claim is made to the words "Best Dollar Value" shown in the drawing. The drawing is lined for red.
Particular description of goods.—Painters' Brushes.
Claims use since Apr. 16, 1926.

Ser. No. 231,112. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) JULIUS LOEWITH, INC., New York, N. Y. Filed May 4, 1926.

CHICK

TRADE MARK REG.

No claim is made to the words "Trade Mark Reg." apart from the mark as shown.

Particular description of goods.—Form of Peat Moss Used as a Scratch Medium for Poultry, Packing Material for Food Products in General, and Especially Fruits and Vegetables; Packing Material for Bulbs and Nursery Stock, as an Insulation or Filler in Buildings, and Bedding for Animals.

Claims use since Apr. 1, 1926.

Ser. No. 231,113. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) JULIUS LOEWITH, INC., New York, N. Y. Filed May 4, 1926.

STOCK

TRADE MARK REG.

No claim is made to the words "Trade Mark Reg." apart from the mark as shown.

Particular description of goods.—A Form of Peat Moss Used for Bedding for Animals, Packing Material for Food Products in General, and Especially Fruits and Vegetables, Packing Materials for Bulbs and Nursery Stock, as an Insulation or Filler in Buildings, and as a Scratch Medium for Poultry.

Claims use since Apr. 1, 1926.

Ser. No. 232,131. (CLASS 31. FILTERS AND REFRIGERATORS.) GENERAL REFRIGERATION COMPANY, South Beloit, Ill. Filed May 24, 1926.

Lipman AUTOMATIC REFRIGERATION

Disclaimer is made to the words "Automatic Refrigeration" and the words "The Dry Constant Cold of the Mountain Top" apart from the mark shown in the drawing.

Particular description of goods.—Refrigerating Apparatus, Such as Refrigerators, Refrigerating Machines, and Parts Thereof.

Claims use since Apr. 13, 1926.

Ser. No. 232,240. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMERICAN CIRCULAR LOOM COMPANY, New York, N. Y. Filed May 26, 1926.

LOOMFLEX CABLE

No claim is made to the word "Cable" apart from the mark as shown in the drawing.

Particular description of goods.—Cables with Nonmetallic Protective Covering Used for Electric Wiring.

Claims use since Feb. 26, 1925.

Ser. No. 234,020. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) BECKHAM TIRE AND RUBBER COMPANY, Atlanta, Ga. Filed July 2, 1926.

BLUE EAGLE

SUPREEM PATCH

Applicant disclaims the words "Patch" and "Supreem" apart from the other features of the mark.

Particular description of goods.—Patches for Rubber Tires.

Claims use since 1920.

Ser. No. 234,592. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE OHIO CHEMICAL AND MANUFACTURING COMPANY, Cleveland, Ohio. Filed July 15, 1926.

DRIHEAT

No claim is made to the exclusive use of the word "Driheat" apart from the mark as shown.

Particular description of goods.—Presses and Flasks Used in the Curing of Dentures.

Claims use since Mar. 25, 1926.

Ser. No. 235,537. (CLASS 15. OILS AND GREASES.) THE TRINIDAD OIL COMPANY, Trinidad, Colo. Filed Aug. 3, 1926.

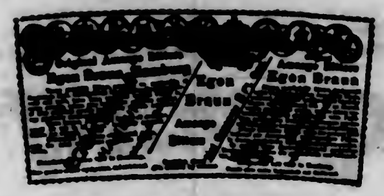
FLASH GASOLINE

No claim is made to the word "Gasoline" apart from the mark shown.

Particular description of goods.—Gasoline.

Claims use since Feb. 6, 1923.

Ser. No. 235,946. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EGON BRAUN AKTIENGESELLSCHAFT, Hamburg, Germany. Filed Aug. 14, 1926.



All printed words and numerals appearing on the drawing are disclaimed apart from the mark shown.

Particular description of goods.—Herb Extracts for Medicinal Beverages, Including Beverages Specifically for Nourishing the Stomach and Enriching the Blood; Stomach Bitters and Cordials, Aromatic Vegetable Constituents for Use in Preparing Medicinal Beverages, Purgative Beverages, and Those Having an Opposite Effect.

Claims use since July, 1924.

Ser. No. 236,191. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) KENNETH P. BUTTON, doing business as Rabbit Breeders' Exchange, Rochester, N. Y. Filed Aug. 20, 1926.

RABBIT BREEDERS' EXCHANGE

Applicant disclaims the right to exclusive use of the name "Rabbit Breeders' Exchange" apart from the mark as shown in the drawing.

Particular description of goods.—Rabbit Pelts.

Claims use since May 15, 1926.

Ser. No. 237,148. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE CEYLON RUBBER COMPANY, Dallas, Tex. Filed Sept. 13, 1926.

VUL-CAN-ITE

Particular description of goods.—Inner-Tube Repair Kits.

Claims use since about June 1, 1926.

Ser. No. 237,241. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) MCAVOY COMPANY, Chicago, Ill. Filed Sept. 14, 1926.

"Malt-Marrow"

Applicant is the owner of registrations 46,463 and 48,504, both renewed.

Particular description of goods.—Malt Cereal Beverages.

Claims use since Apr. 8, 1892.

Ser. No. 237,422. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PEEK BROS. & WINCH, LIMITED, London, England. Filed Sept. 18, 1926.



Exclusive use of all of the reading matter with the exception of the word "Camels" is disclaimed apart from the mark shown.

Particular description of goods.—Tea.

Claims use since June 24, 1902.

Ser. No. 238,257. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ELCO PAINT PRODUCTS, INC., New York, N. Y. Filed Oct. 7, 1926.

ELC-O-WITE

No claim is made to the exclusive use of the word "Wite" apart from the other features of the mark.

Particular description of goods.—Ready-Mixed Paints.

Claims use since Jan. 1, 1921.

Ser. No. 238,289. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ABRAHAM SHEETER, New York, N. Y., assignor to Adela B. Fisher. Filed Oct. 7, 1926.

SINO-VAC

Particular description of goods.—Nasal Douche.

Claims use since Feb. 10, 1926.

Ser. No. 238,441. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JUNIOR CANDY COMPANY, Milwaukee, Wis. Filed Oct. 11, 1926.

WINE BARREL

Particular description of goods.—Candy.
Claims use since Sept. 20, 1926.

Ser. No. 238,518. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE NU GRAPE COMPANY OF AMERICA, Atlanta, Ga. Filed Oct. 12, 1926.

EYE-SE

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks and Extracts, Concentrates, and Sirups for Making the Same.
Claims use since July 14, 1926.

Ser. No. 239,011. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES W. BAYNE, doing business as Bayne Laboratories, San Francisco, Calif. Filed Oct. 22, 1926.

Bayne

Particular description of goods.—Face Cream, Face Lotion, Shampoo, Bay Rum, Hair Tonic, Chinese Muscle Oil, Astringent, Rouge, Face Powder, Face Pack, Depilatory, and Toilet Water.
Claims use since Oct. 1, 1924.

Ser. No. 239,192. (CLASS 5. ADHESIVES.) NATIONAL GUM & MICA COMPANY, New York, N. Y. Filed Oct. 25, 1926.

K-SEAL

Particular description of goods.—Glue.
Claims use since Oct. 1, 1925.

Ser. No. 239,287. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ERNEST S. BAZLEY, doing business as The Bazley Market, Chicago, Ill. Filed Oct. 27, 1926.

JUNEDALE

Particular description of goods.—Bacon.
Claims use since Mar. 1, 1926.

Ser. No. 239,297. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JAMES C. ERSKINE CORP., New York, N. Y. Filed Oct. 27, 1926.

DOROTHY DAINTY

"Dorothy Dainty."
Particular description of goods.—Cotton Piece Goods.
Claims use since Oct. 22, 1926.

Ser. No. 239,519. (CLASS 39. CLOTHING.) ROSENBERG & HERTZ, Cologne-on-the-Rhine, Germany. Filed Nov. 1, 1926.

Gorma

Particular description of goods.—Brassières and Bust Supporters.
Claims use since May, 1925.

Ser. No. 239,822. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PERKINS CORPORATION, South Bend, Ind. Filed Nov. 8, 1926.

AERO-ELECTRIC

Particular description of goods.—Wind-Driven Generating Plants for Generating Electric Current for Light and Power.
Claims use since Jan. 1, 1921.

Ser. No. 239,962. (CLASS 12. CONSTRUCTION MATERIALS.) BAYONNE STEEL COMPANY, INC., New York, N. Y. Filed Nov. 12, 1926.

BAYSTEEL

Particular description of goods.—Sheet-Steel Ceilings and Eave Troughs.
Claims use since 1920.

Ser. No. 240,117. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) THE WILSON FASTENER COMPANY, Cleveland, Ohio. Filed Nov. 15, 1926.

WILSNAP

Particular description of goods.—Garter Buckles Made of Various Kinds of Base Metal.
Claims use since Aug. 17, 1926.

Ser. No. 240,362. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) PATHEX, INC., New York, N. Y. Filed Nov. 20, 1926.

PATHEX

Particular description of goods.—Cinematographic Camera, Cinematographic Projector, Tripod, Film Magazine, Sensitised Film, and Printed Film.
Claims use since July 9, 1925.

Ser. No. 240,410. (CLASS 32. FURNITURE AND UPHOLSTERY.) DUNBAR FURNITURE MANUFACTURING COMPANY, Berne, Ind. Filed Nov. 22, 1926.

DUNBAR

Particular description of goods.—Davenports, Household and Office Chairs, Rockers, Ottomans, Benches, and Footstools.
Claims use since on or about Sept. 15, 1923.

Ser. No. 240,728. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) LINCOLN MOTOR COMPANY, Detroit, Mich. Filed Nov. 29, 1926.



Particular description of goods.—Automobiles.
Claims use since Dec. 1, 1924.

Ser. No. 240,821. (CLASS 39. CLOTHING.) JULIUS KAYSER & CO., New York, N. Y. Filed Dec. 1, 1926.

TWIN-HEEL

Particular description of goods.—Stockings.
Claims use since Sept. 1, 1926.

Ser. No. 240,876. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PLOUGH CHEMICAL COMPANY, doing business as Fair-Plex Company, Memphis, Tenn. Filed Dec. 2, 1926.

BODY SWEET

"Body Sweet."
Particular description of goods.—Deodorant.
Claims use since about October, 1921.

Ser. No. 240,877. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) RAISON SOCIALE LES FILS DE S. T. DUPONT, Paris, France. Filed Dec. 2, 1926.

SAVOY

The word "Savoy" is hereby disclaimed apart from the mark as shown.

Particular description of goods.—Trunks, Valises, Traveling Bags, and Auto Trunks.

Claims use since Aug. 1, 1926.

Ser. No. 240,929. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE SMITHFIELD COMPANY, INCORPORATED, Smithfield, Va. Filed Dec. 3, 1926.



Particular description of goods.—Hams.

Claims use since May 1, 1926.

Ser. No. 240,956. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THOMAS J. CADORETTE, doing business as Two Brothers' Javelle Water Co., Peabody, Mass. Filed Dec. 4, 1926.



No claim is made to the words "Wash All" apart from the mark shown in the drawing.

Particular description of goods.—Water Softener and a Bleaching and Cleansing Solution for Washing.

Claims use since Jan. 1, 1924.

Ser. No. 241,021. (CLASS 12. CONSTRUCTION MATERIALS.) AMIESITE ASPHALT LIMITED, Montreal, Quebec, Canada. Filed Dec. 6, 1926.

MACURBAN

Particular description of goods.—Bituminous Macadam Pavement.

Claims use since January, 1925.

Ser. No. 241,200. (CLASS 43. THREAD AND YARN.) A. W. ARCHER CO., INC., New York, N. Y. Filed Dec. 9, 1926.



Particular description of goods.—Yarn and Machine Thread are Made Entirely from Cotton Spun and Twisted, Delivered to the Trade in its Natural State without Any Converting Process. The Yarn and Thread are Used for Machine Bag Sewing, Such as Sugar Bags, Flour Bags, Cement Bags, and Seed Bags, etc.

Claims use since Jan. 1, 1926.

Ser. No. 241,249. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE WEST STEEL CASTING COMPANY, Cleveland, Ohio. Filed Dec. 9, 1926.

HY-CAST

Particular description of goods.—Ferrous Castings.

Claims use since on or about Nov. 5, 1926.

Ser. No. 241,250. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE WEST STEEL CASTING COMPANY, Cleveland, Ohio. Filed Dec. 9, 1926.

STANCAST

Particular description of goods.—Ferrous Castings.

Claims use since about Nov. 4, 1926.

Ser. No. 241,433. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) PACIFIC WIRE PRODUCTS CO., Los Angeles, Calif. Filed Dec. 13, 1926.

DURO

Particular description of goods.—Wire Fabrics for Screening.

Claims use since Feb. 10, 1922.

Ser. No. 241,436. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PIQUA ELECTRIC SERVICE CO., Piqua, Ohio. Filed Dec. 13, 1926.

Aerovent FAN

The word "Fan" is disclaimed apart from the mark as shown in the drawing.

Particular description of goods.—Electrical Fans.

Claims use since April, 1926.

Ser. No. 241,456. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE WEST STEEL CASTING COMPANY, Cleveland, Ohio. Filed Dec. 13, 1926.

DURACAST

Particular description of goods.—Ferrous Castings.

Claims use since about Dec. 3, 1926.

Ser. No. 241,492. (CLASS 39. CLOTHING.) MOSKOWITZ & ALTMAN, New York, N. Y. Filed Dec. 14, 1926.

"Queen Marie"

Particular description of goods.—Ladies' and Girls' Frocks and Dresses.

Claims use since Nov. 9, 1926.

Ser. No. 241,547. (CLASS 39. CLOTHING.) ALFRED D. SEBASTIANI, Montreal, Quebec, Canada. Filed Dec. 15, 1926.



Disclaimer is made to "A. D. Sebastiani," the words "Trade-mark, Shoe, Size and Style" apart from the mark as shown in the drawing.

Particular description of goods.—Leather and Satin Shoes.

Claims use since about July 1, 1922.

Ser. No. 241,629. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) LEIGH CHEMIST, INC., New York, N. Y. Filed Dec. 17, 1926. Under 10-year proviso.

UNGUENT SPECIAL

The drawing is lined to represent shading.

Particular description of goods.—Compound for Cleaning the Hands and the Like, Shaving Cream to be Used Before Shaving, Shaving Sticks, Shaving Powder, Outfit Package Containing Soap and Towel, Powder for Washing and Cleaning Purposes, Laundry Soaps, Soap Flakes, Hand Soap, Toilet Soap, Paste, Washing Tablets, and Shampoo Soaps.

Claims use since 1894.

Ser. No. 241,637. (CLASS 38. PRINTS AND PUBLICATIONS.) J. HENRY SCHRODER BANKING CORPORATION, New York, N. Y. Filed Dec. 17, 1926.

Investment Supplement

to Finance and Trade Commentary

J. HENRY SCHRODER BANKING CORPORATION

Applicant disclaims all wording appearing on the drawing except the words "Investment Supplement to Finance and Trade Commentary."

Particular description of goods.—Financial Publication Issued Monthly.

Claims use since Aug. 13, 1926.

Ser. No. 241,672. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) J. E. RHOADS & SONS, Philadelphia, Pa. Filed Dec. 18, 1926.

TANNATE

Particular description of goods.—Hame Straps and Harness Straps (Plain).

Claims use since July 30, 1926.

Ser. No. 241,730. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MARTIN C. KROEGER, doing business as Detektalarm, Los Angeles, Calif. Filed Dec. 20, 1926.

DETEKTALARM

"Detektalarm."

Particular description of goods.—Automatic Electric Fire Alarms.

Claims use since Dec. 6, 1926.

Ser. No. 241,799. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) WADSWORTH HOWLAND & CO., INCORPORATED, Boston, Mass. Filed Dec. 21, 1926.

333

Particular description of goods.—Ready-Mixed Paint and Paint Enamel.
Claims use since 1905.

Ser. No. 241,807. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) C. A. BOYLE & CO., Chicago, Ill. Filed Dec. 22, 1926.

PERI-CHINTZ

No claim is made to the exclusive use of the word "Chintz" except as used in the mark.
Particular description of goods.—Water-Repellent Mildew-Resistant Fabric.
Claims use since Oct. 1, 1926.

Ser. No. 241,866. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) CARTER WHITE LEAD COMPANY, Omaha, Nebr. and Chicago, Ill. Filed Dec. 23, 1926. Under 10-year proviso.

CARTER

Particular description of goods.—White Lead.
Claims use since about Dec. 29, 1885.

Ser. No. 241,898. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PACIFIC COAST CANNERS, INC., Oakland, Calif. Filed Dec. 23, 1926.



Particular description of goods.—Canned Fruit, Jams, Jellies, Fruit Preserves, Marmalade, Canned Fish, Canned Vegetables, Canned Tomato Puree, Chili Sauce, Vinegar, Pickles, Mayonnaise, Olives, Olive Oil, Catchup, Dried Fruit, Raisins, Dried Prunes, Peanut Butter, Honey, Food-Flavoring Extracts, Canned Figs, Canned Sauerkraut, Canned Soup, and Pickled Onions.
Claims use since July 6, 1922.

Ser. No. 241,997. (CLASS 39. CLOTHING.) HARRY GELB, doing business as Hanover Manufacturing Company, New York, N. Y. Filed Dec. 27, 1926.

LIDO UNDIES

No claim is made for the word "Undies" aside from the mark as shown in the drawing.
Particular description of goods.—Ladies' Underwear of Textile Fabric.
Claims use since Dec. 2, 1926.

Ser. No. 241,999. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE B. F. GOODRICH COMPANY, New York, N. Y. Filed Dec. 27, 1926.

Defiance

Particular description of goods.—Pneumatic Tires and Inner Tubes Therefor.
Claims use since about May 25, 1926, on tires and since June 25, 1926, on inner tubes.

Ser. No. 242,094. (CLASS 39. CLOTHING.) CLIMAX HOSIERY MILLS, Athens, Ga. Filed Dec. 29, 1926.

TRI-SPUN

Particular description of goods.—Hosiery.
Claims use since Dec. 22, 1926.

Ser. No. 242,097. (CLASS 38. PRINTS AND PUBLICATIONS.) WALTER HENRY COUSINS, Dallas, Tex. Filed Dec. 29, 1926.



The Southern Pharmaceutical Journal.
Particular description of goods.—Monthly Publication.
Claims use since Dec. 1, 1900.

Ser. No. 242,120. (CLASS 39. CLOTHING.) GOLDSTEIN-KIRSHNER CO., New York, N. Y. Filed Dec. 29, 1926.



The lining of drawing indicates the color red.
Particular description of goods.—Union Suits for Men, Women, and Children, Men's and Boys' Dress, Negligee, and Work Shirts All Made of Textile Fabrics in Whole or in Part.
Claims use since Jan. 1, 1926.

Ser. No. 242,125. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JAMES HEDDON'S SONS, Dowagiac, Mich. Filed Dec. 29, 1926.

"Luny Frog"

No claim is made to the word "Frog" except as associated with the word "Luny."
Particular description of goods.—Artificial Baits.
Claims use since Nov. 15, 1926.

Ser. No. 242,158. (CLASS 39. CLOTHING.) VILLA RICA MILLS INC., Villa Rica, Ga. Filed Dec. 29, 1926.

VILLA RICA

Particular description of goods.—Hosiery.
Claims use since April, 1921.

Ser. No. 242,177. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main and Berlin, Germany. Filed Dec. 30, 1926.

Tonoidin

Particular description of goods.—Sensitized Photographic Papers.
Claims use since June 18, 1926.

Ser. No. 242,178. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main and Berlin, Germany. Filed Dec. 30, 1926.

Tonidin

Particular description of goods.—Photographic Papers.
Claims use since June 18, 1926.

Ser. No. 242,179. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main and Berlin, Germany. Filed Dec. 30, 1926.

Igetectol

Particular description of goods.—Preparations for Protecting Animal Substances Against the Noxious Effect of Chemicals, Especially Alkalies, During the Process of Refinement.
Claims use since June 12, 1926.

Ser. No. 242,273. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BECK PROVISION CO., Buffalo, N. Y. Filed Jan. 3, 1927.

FLAVOR-RITE

Particular description of goods.—Bacon, Cooked Ham, S. P. Hams (Sweet Pickled Hams), and Lard.
Claims use since about Sept. 1, 1926.

Ser. No. 242,277. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) DAVID B. BUTCHERS, Carthage, Mo. Filed Jan. 3, 1927.

TAW

Particular description of goods.—Viscous Composition Matter for Coating Dental Plaster Casts.
Claims use since June 1, 1926.

Ser. No. 242,327. (CLASS 32. FURNITURE AND UPHOLSTERY.) FRANK WISSIG, Baltimore, Md. Filed Jan. 3, 1927.

WOODPRO

Particular description of goods.—Children's Chairs, Children's Tables, and Children's Desks.
Claims use since January, 1920.

Ser. No. 242,332. (CLASS 39. CLOTHING.) DOROTHY BICKUM, New York, N. Y. Filed Jan. 4, 1927.

La Masque
(THE MASK)

Particular description of goods.—Women's and Misses' Textile Underwear—Namely, Girdles, Corsets, and Bust Confiners.
Claims use since Oct. 3, 1926.

Ser. No. 242,373. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) HORACE W. HALL, doing business as Speedwood Manufacturing Co., Boston, Mass. Filed Jan. 5, 1927.

Speedwood

Particular description of goods.—Tennis Racquets, Baseball Bats, Skiis, and Golf Clubs.
Claims use since April, 1922.

Ser. No. 242,435. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) THE NAPIER CO., Meriden, Conn. Filed Jan. 6, 1927.

PALM BEACH

Particular description of goods.—Vanity Boxes Made of or Plated with Precious Metal.
Claims use since Dec. 21, 1925.

Ser. No. 242,467. (CLASS 32. FURNITURE AND UPHOLSTERY.) BEST & CO., INC., New York, N. Y. Filed Jan. 7, 1927.

LILIPUTIAN BAZAAR



Particular description of goods.—Mirrors, Pillows, Bassinets, Mattresses, Costumers, Articles of Furniture Comprising Chairs, Tables, Portable Wardrobes, Cribs, Combined Nursery Chair and Chamber, and Chest of Drawers.
Claims use since 1879.

Ser. No. 242,498. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE PRESERVALINE MANUFACTURING COMPANY, Brooklyn, N. Y. Filed Jan. 7, 1927.

PRESERVALINE

Particular description of goods.—Chemical Preservatives for Meats, Meat Products, Sausage, Sausage Casings, Hams, Bacon, Tripe, Poultry, Game, Birds, Sea Food, Fish, Oysters, Crab Meat, Caviar, Fish Eggs, Fish Roe, Clams, Clam Juice, Shrimp, Lobsters, Lard, Oleomargarine, Butterine, Milk, Condensed Milk, Cream, Butter, Cheese, Eggs, Ice Cream, Nut Butter, Sweet Wines, Cider, Grape Juice, Beer, Ale, Sugar Sirups, Fruit Juices, Maple Sirup, Extracts, Chocolate Sirup, Fruit Sirups, Lime Juice, Lemon Juice, Preserves, Jams, Jellies, Molasses, Mincemeat, Fruit Butters, Marmalade, Pie Fillings, Crushed Fruits, Cereal, Jelly Powders, Desserts, Custards, Puddings, Condiments, Pickles, Catchup, Mustard, Mustard Dressing, Salad Dressing, Chili Sauce, Tomato Sauce, Sauces, Horse-Radish, Olives, Sauerkraut, Soups, Vegetables, Cooked Meats, Wood, Metals, Textiles, Hides, Skins, Leather, Belting Cement, Paste, Casein, Gelatine, Gelatinous Preparations, Printers' Rollers, Sake, Shoyu, Antiseptics, Disinfectants, Germicides, Cleansers, Washing Compounds, Boiler Compounds, Neutralizers, Bleaches, Antimolds, Coagulators, Curing Salts for Meats, and Food Colors.
Claims use since 1881.

Ser. No. 242,521. (CLASS 39. CLOTHING.) BERT F. CROWN, doing business as B. F. Crown Company, Denver, Colo. Filed Jan. 8, 1927.

Dorothy Crown DRESSES

No claim is made for the word "Dresses" apart from the mark shown.
Particular description of goods.—Dresses for Women, Misses, and Children.
Claims use since Oct. 20, 1926.

Ser. No. 242,538. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE S. HEYER, Houston, Tex. Filed Jan. 8, 1927.



No claim is made to the wording upon the drawing other than "Heyer's" and "Geo. W. Heyer" apart from the mark as shown.
Particular description of goods.—A Skin Powder Termed "Prickly Heat Powder."
Claims use since Apr. 1, 1888.

Ser. No. 242,555. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TECHNISCHE CHEMIKALIEN-COMPAGNIE G. M. B. H., Halle-Saale, Germany. Filed Jan. 8, 1927.

Koutchol

Particular description of goods.—Oils Used in the Vulcanization of India Rubber.
Claims use since Apr. 1, 1923.

Ser. No. 242,588. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HUB-WAY MANUFACTURING COMPANY, Hubbard, Ohio. Filed Jan. 10, 1927.

HUB WAY

Particular description of goods.—Electrical Equipment—Namely, Electric Switch Boxes, Switch-Box Hangers, Conduit Fittings, Ceiling Outlet Boxes, Wall Brackets, Cable Racks and Insulators, Conduit Hangers, and Insulator Supports.
Claims use since June 1, 1926.

Ser. No. 242,589. (CLASS 32. FURNITURE AND UPHOLSTERY.) GEORGE S. HUNT, Pasadena, Calif. Filed Jan. 10, 1927.

HUNT

Particular description of goods.—Household and Office Chairs, Tables, Desks, Beds, Cabinets, and the Like.
Claims use since Mar. 2, 1925.

Ser. No. 242,634. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) UNITED FUEL & SUPPLY COMPANY, Detroit, Mich. Filed Jan. 10, 1927.

Hotter Heat 88 Sunshine
UNITED FUEL & SUPPLY CO

Applicant is the owner of registration No. 54,640.
Particular description of goods.—Coal, Charcoal, Coke, and Wood.
Claims use since about Jan. 1, 1898.

Ser. No. 242,667. (CLASS 39. CLOTHING.) M. B. HAMILTON & Co., Leavenworth, Kans. Filed Jan. 11, 1927.

Showdown

Particular description of goods.—Work Gloves, Mittens, and Gauntlets Made from Fabric and Combinations of Fabric and Leather.
Claims use since Feb. 24, 1914.

Ser. No. 242,706. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH BURNETT COMPANY, Boston, Mass. Filed Jan. 12, 1927. Under 10-year proviso.

BURNETT'S

Particular description of goods.—Hairdressing, Tooth Wash, and Preparation for Beautifying the Complexion, for Removing Tan, Sunburn, Freckles, Redness, and Roughness of the Skin, for Piles, Insect Bites, and for Use After Shaving.
Claims use since 1847.

Ser. No. 242,754. (CLASS 39. CLOTHING.) SEYMOUR KIDDY WEAR CORPORATION, New York, N. Y. Filed Jan. 12, 1927.



Applicant disclaims the word "Make" apart from the mark shown.
Particular description of goods.—Children's Suits and Creepers.
Claims use since November, 1925.

Ser. No. 242,788. (CLASS 45. BEVERAGES, NONALCOHOLIC.) STEPHEN D. LEFAS, doing business as Columbia Orange Crush Bottling Co. and Columbia Bottling Works, Washington, D. C. Filed Jan. 13, 1927.

Big Club

"Big Club."
Particular description of goods.—Carbonated Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks.
Claims use since Oct. 1, 1926.

Ser. No. 242,809. (CLASS 15. OILS AND GREASES.) ISAIAH W. BAGWELL, Onancock, Va. Filed Jan. 14, 1927.



The words "A Better Gasoline" are disclaimed apart from the other features of the mark shown.
Particular description of goods.—Gasoline, Kerosene, Distillate, Liquid Motor Fuel Oil, Fuel Oil for Heating Purposes, Lubricating Oils, and Lubricating Greases.
Claims use since Dec. 7, 1926.

Ser. No. 242,833. (CLASS 37. PAPER AND STATIONERY.) HOWES-FAHNESTOCK, Peoria, Ill. Filed Jan. 14, 1927.



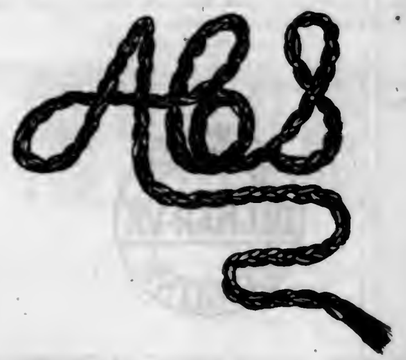
Particular description of goods.—Blank Form—Namely, Insurance-Policy and Expiration-Record Forms.
Claims use since Dec. 1, 1926.

Ser. No. 242,840. (CLASS 12. CONSTRUCTION MATERIALS.) MACANDREWS & FORBES COMPANY, Camden, N. J., and New York, N. Y. Filed Jan. 14, 1927.

MAFTEX

Particular description of goods.—Composite Board and Lumber.
Claims use since Jan. 12, 1927.

Ser. No. 242,860. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AGNES C. SMITH, doing business as The A. C. S. Mfg. Co., Americus, Ga. Filed Jan. 14, 1927.



Particular description of goods.—Preparations for Treating the Hair and Skin Consisting of a Pressing Oil and Luster Restorer, Hair Producer, Hair Tonic, Tonic Brilliantine, Skin Ointment, and Vanishing Scalp Cream.
Claims use since Sept. 9, 1926.

Ser. No. 242,983. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHEMICAL LIME COMPANY, Bellefonte, Pa. Filed Jan. 18, 1927.

DIAMOND
BRAND



CHEMICALLY·PURE·HYDRATE

All wording appearing on the drawing with the exception of the word "Diamond" is disclaimed apart from the mark as shown.
Particular description of goods.—Hydrated Lime for Chemical Use.
Claims use since Jan. 12, 1927.

Ser. No. 242,985. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHEMICAL LIME COMPANY, Bellefonte, Pa. Filed Jan. 18, 1927.

THREE STAR
BRAND
★★★
CHEMICAL·SUPER·HYDRATE
LIME FLOUR

All wording appearing on the drawing with the exception of the words "Three Star" is disclaimed apart from the mark as shown.
Particular description of goods.—Hydrated Lime for Chemical Use.
Claims use since Jan. 12, 1927.

Ser. No. 243,027. (CLASS 32. FURNITURE AND UPHOLSTERY.) WASMUTH-ENDICOTT COMPANY, Andrews, Ind. Filed Jan. 18, 1927.

KITCHEN MAID

Particular description of goods.—Kitchen Cabinets, China Cabinets, Wall Cabinets of the Portable Type, Tables Suitable for Household Use, Chairs Suitable for Household Use, Benches, Seats, Broom Closets of the Portable Type, Storage Compartments of the Portable Type, Cupboards, Butleries, Medicine Cabinets of the Portable Type, and Kitchen Dressers.
Claims use since June 25, 1914.

Ser. No. 243,043. (CLASS 15. OILS AND GREASES.) EMPIRE OIL WORKS INC., Oil City, Pa. Filed Jan. 19, 1927.

EMPIRE

Particular description of goods.—Fuel Oil, Lubricating and Illuminating Oils, Gasoline, and Wax.
Claims use since 1879.

Ser. No. 243,064. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) O. K. STOVE & RANGE CO., Louisville, Ky. Filed Jan. 19, 1927.

GASGALA

Particular description of goods.—Gas, Coal, and Wood Stoves and Parts Thereof.
Claims use since Oct. 1, 1925.

Ser. No. 243,096. (CLASS 27. HOROLOGICAL INSTRUMENTS.) L & L WATCH CASE COMPANY, New York, N. Y. Filed Jan. 20, 1927.

L & L

Particular description of goods.—Watchcases.
Claims use since about June, 1922.

Ser. No. 243,117. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAN-I-SAL LABORATORIES, INC., Washington, D. C. Filed Jan. 20, 1927.

San-i-Creme

The word "Creme" is disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Face Cream.
Claims use since February, 1926.

Ser. No. 243,130. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) BOURJOIS, INC., New York, N. Y. Filed Jan. 21, 1927.

MON
PARFUM

No claim is made to the word "Parfum" apart from the mark shown.
Particular description of goods.—Toilet Soap.
Claims use since Oct. 20, 1926.

Ser. No. 243,133. (CLASS 39. CLOTHING.) CARTHAGE KNIT WEAR CORPORATION, New York, N. Y. Filed Jan. 21, 1927.



No exclusive right to the word "Carthage" is claimed apart from the mark shown in the drawing.
Particular description of goods.—Knitted Sweaters, Socks, and Golf Hose, Windbreakers, Lumber Jackets, Blouses, Neckties, Caps, Bathing Suits, and Scarfs, All of Knitted Goods, for Men, Women, and Children.
Claims use since Jan. 3, 1927.

Ser. No. 243,142. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) "CRISTALLO" A. G., Thusis, Switzerland. Filed Jan. 21, 1927.

Amaryl

Particular description of goods.—Precious Stones and Imitation Precious Stones.
Claims use since July, 1926.

Ser. No. 243,214. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) HYPER-HUMUS COMPANY, Newton, N. J. Filed Jan. 22, 1927.

TURF-GRO

Particular description of goods.—Plant Soil.
Claims use since Dec. 14, 1926.

Ser. No. 243,215. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) HYPER-HUMUS COMPANY, Newton, N. J. Filed Jan. 22, 1927.

FLORA-GRO

Particular description of goods.—Plant Soil.
Claims use since Dec. 3, 1926.

Ser. No. 243,221. (CLASS 39. CLOTHING.) LOUIS KNECHT, doing business as The Walser Manufacturing Company, Clifton, N. J. Filed Jan. 22, 1927.

Walanese

Particular description of goods.—Underwear for Men, Women, and Children, of Knitted Fabric.
Claims use since Jan. 3, 1927.

Ser. No. 243,288. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ISADORE SILVERMAN, doing business as Pro-Tex-All Sanitary Products Co., Evansville, Ind. Filed Jan. 24, 1927.



No claim is made to the representation of a bottle apart from the mark shown in the drawing.
Particular description of goods.—Fly Insecticide or Powder.
Claims use since Apr. 1, 1926.

Ser. No. 243,303. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) DAVID S. ANDERSON, doing business as Floral Decorative Materials Co. and D. S. Anderson Co., Deland, Fla. Filed Jan. 25, 1927.



No claim is made to the words "Everlast, Eveready, Everbest" apart from the mark shown in the drawing.
Particular description of goods.—Prepared Foliage for Decorative Purposes.
Claims use since Sept. 1, 1926.

Ser. No. 243,315. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE P. KEESEE, Chickasha, Okla. Filed Jan. 25, 1927.



The name "G. P. Keesee" and the term "Anti-Freeze" are disclaimed apart from the other features of the mark.
Particular description of goods.—Antifreeze Mixture for Use in the Radiators of Motor Vehicles.
Claims use since Jan. 15, 1927.

Ser. No. 243,372. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MICHIO KONO, San Francisco, Calif. Filed Jan. 26, 1927.



Translation of "Konozai" is Kono Medicine.
Particular description of goods.—Medicine for Stomach Troubles.
Claims use since Apr. 1, 1926.

Ser. No. 243,426. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE DANDIFF CO., Marquez, Tex. Filed Jan. 27, 1927.

DANDIFF

Particular description of goods.—Preparation for the Treatment of Dandruff.
Claims use since Apr. 1, 1925.

Ser. No. 243,434. (CLASS 39. CLOTHING.) FITS-U CAP CO., St. Louis, Mo. Filed Jan. 27, 1927.

SNAPICAP

No exclusive claim is made to the word "Cap" apart from the mark shown.
Particular description of goods.—Headwear—Namely, Caps for Men and Boys.
Claims use since Jan. 1, 1927.

Ser. No. 243,445. (CLASS 45. BEVERAGES, NONALCOHOLIC.) MAL VAZ EXTRACT COMPANY, Chicago, Ill. Filed Jan. 27, 1927.

Malvaz

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since May, 1919.

Ser. No. 243,449. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. K. MULFORD COMPANY, Philadelphia, Pa. Filed Jan. 27, 1927.

IVYOL

Particular description of goods.—Poison-Ivy Extract.
Claims use since April, 1924.

Ser. No. 243,488. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) JOSEPH F. GLEASON, doing business as J. F. Gleason & Co., New York, N. Y. Filed Jan. 28, 1927.



The section lining on the mark is to indicate shading only.
Particular description of goods.—Saw Blades.
Claims use since July 1, 1926.

Ser. No. 243,491. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) B. HELLER & COMPANY, Chicago, Ill. Filed Jan. 28, 1927.



The words "Chicago" and "U. S. A." are disclaimed apart from the mark shown.
Particular description of goods.—Insecticides, Meat-Curing Preparations and Compounds, Food Colors, Baking Powder, Chemical Preparations for Washing and Cleaning Purposes, Chemical Preparations for Cleaning Waste Pipes and Drains and Sinks, Chemical Preparations for Cleaning Toilet Bowls or Privies; Chemical Preparations for Cleaning Windows, Glass, and Skylights; Chemical Preparations for Cleaning Market and Butchers' Utensils and Tools, Chemical Preparations for Cleaning and Softening Hair and Bristles on Hogs, Chemical Preparations for Cleaning Enamel and Porcelain Ware, Chemical Preparations for Tanning Animal Skins; Disinfectants and Chemical Preparations for Curing, Preserving, and Coloring Meats and Meat Products.
Claims use since June 15, 1926.

Ser. No. 243,563. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Jan. 29, 1927.

Milano Organetto

No claim is made herein to the word "Milano" apart from the mark shown in the drawing.
Particular description of goods.—Accordions and Mouth Harmonicas.
Claims use since Sept. 22, 1907.

Ser. No. 243,632. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) WALKER AND FORBES, INC., Mamaroneck, N. Y. Filed Jan. 31, 1927.

ALLPAX

Particular description of goods.—Stuffing-Box Packing of a Semimetallic Nature.
Claims use since Oct. 1, 1926.

Ser. No. 243,638. (CLASS 5. ADHESIVES.) ARMOURITE (LABORATORIES) LTD., London, England. Filed Feb. 1, 1927.

ARMOURITE

"Armourite."
Particular description of goods.—Puncture-Sealing Composition for Use in All Pneumatic Tires.
Claims use since Nov. 22, 1921.

Ser. No. 243,659. (CLASS 38. PRINTS AND PUBLICATIONS.) NATIONAL REGISTER PUBLISHING CO., INC., New York, N. Y. Filed Feb. 1, 1927.

THE STANDARD ADVERTISING REGISTER

"The Standard Advertising Register."

Particular description of goods.—Annual Publication in Connection with Which Monthly Supplements are Also Issued.

Claims use since 1916.

Ser. No. 243,670. (CLASS 32. FURNITURE AND UPHOLSTERY.) STANDARD MATTRESS AND FURNITURE, INC., San Diego, Calif. Filed Feb. 1, 1927.

SUPER-STUFFT

No claim is made to the word "Stufft" apart from the mark as shown in the drawing.

Particular description of goods.—Upholstered Davenports, Chairs, Stools, and Benches.

Claims use since Dec. 2, 1926.

Ser. No. 243,721. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MONTEVALLO COAL MINING COMPANY, Birmingham, Ala. Filed Feb. 2, 1927.

MONTEVALLO

Particular description of goods.—Coal.

Claims use since about 1870.

Ser. No. 243,737. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HENRY E. ZUTZ, St. Paul, Minn. Filed Feb. 2, 1927.



Particular description of goods.—Various Creams for the Skin, Various Lotions for the Skin; Manicure Preparations in the Form of Powder, Paste, Compact, and Liquid; Rouges in the Form of Liquid, Paste, Cream, and Compact; Powders—Namely, Face, Talcum, and Bath Powders; Hair Tonics, Including Shampoos, in Form of Liquid, Jelly, and Powder, also Hair Pomades, Lotions, and Dyes; Brilliantine, Sachets in Form of Powders and Compacts, Perfumes, Toilet Waters, Lip Pomades, Bath Salts, Smelling Salts, Skin Packs, Eyebrow Pencils, Eyebrow Colors, Eye Lotions, Deodorants, Depilatories, and Incense.

Claims use since Feb. 15, 1922.

Ser. No. 243,742. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) AMERICAN STEEL PRODUCTS CO., Macomb, Ill. Filed Feb. 3, 1927.

THERMODRINK

The mark consists of the coined word "Thermodrink."

Particular description of goods.—Poultry Fountains.

Claims use since Jan. 3, 1922.

Ser. No. 243,750. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) CITRUS SOAP COMPANY OF CALIFORNIA, San Diego, Calif. Filed Feb. 3, 1927.



Particular description of goods.—Soap Flakes.

Claims use since Apr. 7, 1926.

Ser. No. 243,755. (CLASS 39. CLOTHING.) FROHMAN & ALTMAN, INC., New York, N. Y. Filed Feb. 3, 1927.

Beau Claire

Particular description of goods.—Ladies' and Misses' Dresses, Coats, and Suits.

Claims use since Dec. 11, 1926.

Ser. No. 243,797. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) BENJAMIN PIPE COMPANY, INC., New York, N. Y. Filed Feb. 4, 1927.



Particular description of goods.—Smoking Pipes.

Claims use since Dec. 1, 1926.

Ser. No. 243,805. (CLASS 39. CLOTHING.) HAHNE & COMPANY, Newark, N. J. Filed Feb. 4, 1927.

Branch Brook

Particular description of goods.—Men's Dress, Negligee, Work, and Under Shirts.

Claims use since Dec. 27, 1926.

Ser. No. 243,812. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) K-E-M MANUFACTURING & SALES CO., New York, N. Y. Filed Feb. 4, 1927.

KEM

"Kem."

Particular description of goods.—Wire Terminals and Cables.

Claims use since about November, 1921.

Ser. No. 243,813. (CLASS 39. CLOTHING.) PHILIP KIRVES, doing business as Demand Hat Co., New York, N. Y. Filed Feb. 4, 1927.

"CHANGE-O"

Particular description of goods.—Ladies' Hats.

Claims use since Jan. 15, 1927.

Ser. No. 243,821. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) I. C. NEWMAN CO. INC., New York, N. Y. Filed Feb. 4, 1927.

THE BEST BY TEST NEWCO FLASH POWDER

No claim is made to the words "The Best by Test" and "Flash Powder" apart from the mark as shown.

Particular description of goods.—Flash Powder for Photographic Use.

Claims use since Dec. 1, 1920.

Ser. No. 243,839. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) THE AMERICAN LAUNDRY MACHINERY CO., Cincinnati, Ohio. Filed Feb. 5, 1927.

ALADDIN

Particular description of goods.—Drying Machines and Dry-Cleaning Machines.

Claims use since Dec. 29, 1926.

Ser. No. 243,869. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MANOR BAKING COMPANY, Kansas City, Mo. Filed Feb. 5, 1927.



The shading of the arch in accompanying drawing designates blue, green, yellow, orange, and red bands in simulation of a rainbow.

Particular description of goods.—Bread.

Claims use since Sept. 15, 1926.

Ser. No. 243,874. (CLASS 39. CLOTHING.) NIGHT COMFORT GARMENT CO., INC., New York, N. Y. Filed Feb. 5, 1927.

FOR THE REST OF YOUR — LIFE WEAR —

NIGHT COMFORT

A

Particular description of goods.—Men's and Boys' Work, Dress, and Negligee Shirts, Pyjamas, Nightshirts, and Washable Lounging Robes, and Ladies' Pyjamas.

Claims use since January, 1926.

Ser. No. 243,913. (CLASS 39. CLOTHING.) ADVANCE NECKWEAR CO., New York, N. Y. Filed Feb. 7, 1927.

TWIN BROS BRAND

No claim is made to the word "Brand" apart from the mark shown in the drawing.

Particular description of goods.—Cravats, Four-In-Hand Ties, and Bow Ties, Neckties.

Claims use since January, 1926.

Ser. No. 243,920. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL F. BEICH COMPANY, Chicago, Ill. Filed Feb. 7, 1927.



The lining on the drawing indicates the color orange.

Particular description of goods.—Candy.

Claims use since Jan. 25, 1926.

Ser. No. 243,949. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) WM. E. HOOPER & SONS CO., Baltimore, Md. Filed Feb. 7, 1927.

PONTOON

Particular description of goods.—Waterproof Fabric and Waterproof Cotton Duck.

Claims use since Jan. 24, 1927.

Ser. No. 243,975. (CLASS 39. CLOTHING.) J. SCHOENEMAN, INCORPORATED, Baltimore, Md. Filed Feb. 7, 1927.

RIVIERA

Particular description of goods.—Coats, Vests, Trousers, Knickerbockers, Top Coats, and Overcoats for Men, Youths, and Boys.

Claims use since Aug. 1, 1926.

Ser. No. 244,001. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLGATE & COMPANY, Jersey City, N. J., and New York, N. Y. Filed Feb. 8, 1927.



Applicant makes no claim to the exclusive use of the representation of a carton appearing on drawing or to any of the words appearing other than "Colgate's, Ribbon, Colgate & Co." The vertical lining on the drawing denotes the color red and the oblique denotes the color green.

Particular description of goods.—Dental Cream.

Claims use since Jan. 10, 1927.

Ser. No. 244,007. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AUGUST O. ENGLAND, West Chester, Pa. Filed Feb. 8, 1927.



Particular description of goods.—Candy Confection Made Up in Part of Peppermint Candy in the Form of an Ear of Corn.

Claims use since Jan. 10, 1927.

Ser. No. 244,013. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RAMÓN LÓPEZ IRIZARRY, doing business as Laboratoire Chimique Supreme, Mayaguez, P. R. Filed Feb. 8, 1927.



No rights are asserted to the exclusive use of all wording contained in the drawing with the exception of the words "Laboratoire Chimique Supreme" and "Ramon Lopez Irizarry" apart from the mark as shown.

Particular description of goods.—Effervescent Purgative.

Claims use since July 1, 1926.

Ser. No. 244,026. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ROBINETTE & MCLAIN, Washington, D. C. Filed Feb. 8, 1927.

LAINETT

Particular description of goods.—Dry Cleaners in Paste and Liquid Form.

Claims use since Apr. 1, 1926.

Ser. No. 244,032. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) TENNESSEE STOVE WORKS, Chattanooga, Tenn. Filed Feb. 8, 1927.

Torridaire

Particular description of goods.—Air-Circulating Room Heaters for Burning Coal, Wood, or Gas.

Claims use since Jan. 1, 1927.

Ser. No. 244,055. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) CRAFTSMAN LEATHER SPECIALTY COMPANY, Dayton, Ohio. Filed Feb. 9, 1927.

Craftsman

Particular description of goods.—Dog Collars, Dog Harness, and Horse Harness.

Claims use since on or about Dec. 1, 1923.

Ser. No. 244,145. (CLASS 39. CLOTHING.) FASHION PARK INC., Rochester, N. Y. Filed Feb. 10, 1927.



Particular description of goods.—Men's Coats, Vests, Pants, and Overcoats.

Claims use since about Dec. 1, 1926.

Ser. No. 244 158. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HUNTER FAN & MOTOR CO., Fulton, N. Y., New York, N. Y., Memphis, Tenn., Atlanta, Ga., New Orleans, La., and Dallas, Tex. Filed Feb. 10, 1927. Under 10-year proviso.

TUERK

"Tuerk."

Particular description of goods.—Electric Ceiling, Desk, and Exhaust Fans.

Claims use since 1890.

Ser. No. 244,163. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) LOS ANGELES SOAP COMPANY, Los Angeles, Calif. Filed Feb. 10, 1927.

HICKORY

Particular description of goods.—Flaked and Powdered Soap.

Claims use since Mar. 22, 1913.

Ser. No. 244,192. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WM. H. STANLEY, INC., New York, N. Y. Filed Feb. 10, 1927.

ALASKER

"Alasker."

Particular description of goods.—Canned Fish, Canned Shrimp, Canned Oysters, Canned Lobster, Canned Clam Chowder, and Cod-Fish Balls.

Claims use since Jan. 25, 1927.

Ser. No. 244,221. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FLATOW, RILEY AND COMPANY, Cincinnati, Ohio. Filed Feb. 11, 1927.

CINCINNATUS

Particular description of goods.—Fresh Tomatoes.

Claims use since Jan. 4, 1927.

Ser. No. 244,226. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES GAFFNEY, Kearny, N. J. Filed Feb. 11, 1927.

VEG-CHOW

Particular description of goods.—Vegetable Relish.

Claims use since Mar. 1, 1926.

Ser. No. 244,240. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PECO MANUFACTURING COMPANY, Philadelphia, Pa. Filed Feb. 11, 1927.

PECO

Particular description of goods.—Experimental and Special Machinery and Fixtures Therefor.

Claims use since Jan. 19, 1926.

Ser. No. 244,249. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FELIX TAUSEND, New York, N. Y. Filed Feb. 11, 1927.

Marcelle

"Marcelle."

Particular description of goods.—Table Covers Manufactured from Textile Fabrics, Table Scarfs, Bedspreads, and Towels Manufactured from Textile Fabrics.

Claims use since July, 1924.

Ser. No. 244,254. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VIKING LABORATORIES, INCORPORATED, Charleston, W. Va. Filed Feb. 11, 1927.

DAMOSEL

Particular description of goods.—Toilet Deodorant.
Claims use since on or about Dec. 1, 1926.

Ser. No. 244,255. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VIKING LABORATORIES, INCORPORATED, Charleston, W. Va. Filed Feb. 11, 1927

LOVITA

Particular description of goods.—Skin Lotion.
Claims use since on or about Dec. 1, 1926.

Ser. No. 244,298. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SIDNEY L. FULLER, Pittsburg, Tex. Filed Feb. 12, 1927.

FULLER'S



The picture appearing on the drawing is a part of the trade-mark and is a facsimile representation of a portrait of the applicant.
Particular description of goods.—Bronchial Cough Syrup.
Claims use since Feb. 1, 1927.

Ser. No. 244,320. (CLASS 38. PRINTS AND PUBLICATIONS.) THE REFEREE PUBLISHING CO., Chicago, Ill. Filed Feb. 12, 1927.

REFEREE

Particular description of goods.—Periodical.
Claims use since on or about Jan. 1, 1927.

Ser. No. 244,321. (CLASS 37. PAPER AND STATIONERY.) ROCHESTER PAPER CO., Rochester, Mich. Filed Feb. 12, 1927.

ARROW BLOTTING

Exclusive use of the word "Blotting" is not claimed apart from the mark shown. The lining is intended for shading only.
Particular description of goods.—Blotting Paper.
Claims use since Dec. 28, 1926.

Ser. No. 244,350. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE H. H. ERWIN CO., Philadelphia, Pa. Filed Feb. 14, 1927.

Erwinia

Particular description of goods.—Perfumes, Toilet Powders, Toilet Creams, and Toilet Lotions.
Claims use since Feb. 5, 1927.

Ser. No. 244,355. (CLASS 39. CLOTHING.) GORDON & FERGUSON, INC., St. Paul, Minn. Filed Feb. 14, 1927.

THE GRAMERCY

Particular description of goods.—Fur Felt Hats, Cloth Hats, and Cloth Caps for Men and Boys.
Claims use since on or about Jan. 1, 1927.

Ser. No. 244,388. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THOMAS BIERER, doing business as The Epitol Chemical Co., Cedar Rapids, Iowa. Filed Feb. 15, 1927.

Epitol

Particular description of goods.—Mouthwash and Medicine for the Treatment of Colds, Sore Throat, Catarrh, Hay Fever, and Bronchitis.
Claims use since July, 1922.

Ser. No. 244,432. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) DUPLAN SILK CORPORATION, New York, N. Y. Filed Feb. 16, 1927.

GLO-CHIQUE

No rights are asserted to the exclusive use of the term "Chique" apart from the mark shown in the drawing.
Particular description of goods.—Textile Fabrics of Rayon and Silk.
Claims use since Jan. 26, 1927.

Ser. No. 244,445. (CLASS 37. PAPER AND STATIONERY.) HURLOCK BROS., COMPANY, INC., Philadelphia, Pa. Filed Feb. 16, 1927.

SIGN-CRAFTERS

No claim is made to the word "Sign" apart from the mark as shown.
Particular description of goods.—Cardboards for Printers, Lithographers, Sign Writers, and General Display Work.
Claims use since Oct. 2, 1926.

Ser. No. 244,446. (CLASS 37. PAPER AND STATIONERY.) HURLOCK BROS., COMPANY, INC., Philadelphia, Pa. Filed Feb. 16, 1927.

POSTER-COAT

No claim is made to the word "Poster" apart from the mark shown.
Particular description of goods.—Cardboards for Printers, Lithographers, Sign Writers, and General Display Work.
Claims use since Oct. 2, 1926.

Ser. No. 244,455. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOVIS' COVE GIFT SHOP, INC., Marblehead, Mass. Filed Feb. 16, 1927.

MARBLEHEAD SEA FLAME

No claim is made to the word "Marblehead" apart from the other features of the mark shown on the drawing. Trade-mark "Marblehead Sea Flame."
Particular description of goods.—Chemical Compounds, Preparations, and Powders for Use in Producing Varying Colors in Burning Fuel.
Claims use since Jan. 28, 1926.

Ser. No. 244,459. (CLASS 45. BEVERAGES, NONALCOHOLIC.) MILLER BECKER CO., Cleveland, Ohio. Filed Feb. 16, 1927.



The drawing is lined for orange and red.
Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks in Various Flavors.
Claims use since Dec. 10, 1917.

Ser. No. 244,502. (CLASS 37. PAPER AND STATIONERY.) KIMBERLY-CLARK COMPANY, Neenah, Wis. Filed Feb. 17, 1927.

KIMPAK

Particular description of goods.—Absorbent Wadding Made of Paper Stock and Employed Principally for Packing Furniture and other Articles.
Claims use since Feb. 2, 1927.

Ser. No. 244,510. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL ICE CREAM COMPANY, Louisville, Ky. Filed Feb. 17, 1927.

PIK-NIC

Particular description of goods.—Ice Cream.
Claims use since Dec. 20, 1926.

Ser. No. 244,522. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VITAMIN FOOD CO. INC., New York, N. Y. Filed Feb. 17, 1927.

VEGEX VITAMIN YEAST CANDY

Applicant disclaims any exclusive right to the words "Vitamin," "Yeast," and "Candy" apart from the mark shown.
Particular description of goods.—Candy.
Claims use since on or about Jan. 29, 1927.

Ser. No. 244,524. (CLASS 39. CLOTHING.) WEINGARTEN BROS., INC., New York, N. Y. Filed Feb. 17, 1927.

Ventelastic

Particular description of goods.—Women's Fitted Undergarments—Namely, Brassières, Corset Brassières, Corsets, Girdles, and Corselets.
Claims use since Jan. 1, 1927.

Ser. No. 244,545. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COMPTOIRS PICHOT & RENNECON, Marseilles, France. Filed Feb. 18, 1927.



Particular description of goods.—Olive Oils.
Claims use since Oct. 4, 1926.

Ser. No. 244,548. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) VINCENT DE MESSIMY, Chicago, Ill. Filed Feb. 18, 1927.

MARITA

Particular description of goods.—Soap.
Claims use since Oct. 15, 1926.

Ser. No. 244,560. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) HYMAN & OPPENHEIM, New York, N. Y. Filed Feb. 18, 1927.

COLLEGIATE

Particular description of goods.—Hair Pieces.
Claims use since Feb. 8, 1927.

Ser. No. 244,576. (CLASS 15. OILS AND GREASES.) SMITH & NICHOLS, INCORPORATED, New York, N. Y. Filed Feb. 18, 1927. Under 10-year proviso.

NON DRIP

Particular description of goods.—Candles.
Claims use since January, 1892.

Ser. No. 244,590. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ALBERT GODDE, BEDIN, INC., New York, N. Y. Filed Feb. 19, 1927.

CRISTALFLORA

Applicant disclaims exclusive use of the term "Cristal" apart from the mark shown in the drawing.
Particular description of goods.—Silk Piece Goods.
Claims use since Feb. 1, 1927.

Ser. No. 244,594. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE ANSONIA O & C COMPANY, Ansonia, Conn. Filed Feb. 19, 1927.

Duraply

Particular description of goods.—Wide Elastic Webbing.
Claims use since Feb. 11, 1927.

Ser. No. 244,604. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) CHARLES W. CLARK, Westfield, Mass. Filed Feb. 19, 1927.

BI-IT

Particular description of goods.—Hand Soap.
Claims use since June 8, 1925.

Ser. No. 244,612. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Feb. 19, 1927.

SPLENOCRIN

Particular description of goods.—Product Used in the Treatment of Status Calciprivia and Certain Blood Dyscrasias with Anemia.
Claims use since June 14, 1926.

Ser. No. 244,613. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Feb. 19, 1927.

THYMOCRIN

Particular description of goods.—Product Used in the Treatment of Arthritis and Psoriasis.
Claims use since June 14, 1926.

Ser. No. 244,653. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BOSTON INSULATED WIRE & CABLE COMPANY, Boston, Mass. Filed Feb. 21, 1927.



No claim is made herein to the representation of the wire shown in the drawing. The mark consists of four ridges disposed longitudinally of the wire on its outer surface and spaced approximately ninety degrees apart.
Particular description of goods.—Electric Conductors, Wires, and Cables.
Claims use since Jan. 1, 1925.

Ser. No. 244,659. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CARBOON & Co., Fowler, Ind. Filed Feb. 21, 1927.

RECALL

Particular description of goods.—Canned Vegetables.
Claims use since Jan. 1, 1926.

Ser. No. 244,735. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALBERS PACKING COMPANY, Riverside, Calif. Filed Feb. 23, 1927.

BELL TOWER

Particular description of goods.—Canned Olives.
Claims use since Dec. 17, 1926.

Ser. No. 244,737. (CLASS 38. PRINTS AND PUBLICATIONS.) AUSTIN FLINT ASSOCIATION, INC., New York, N. Y. Filed Feb. 23, 1927.

MEDICAL REVIEW OF REVIEWS

Particular description of goods.—Monthly Publications.
Claims use since 1895.

Ser. No. 244,738. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE BAYER COMPANY, INC., New York, N. Y. Filed Feb. 23, 1927.

BAYER

Particular description of goods.—Preparations or Medicines for Pains and Aches of Nervous or Organic Origin and for Rheumatic, Neuralgic, and Gouty Conditions; Absorbefacients, Alteratives; Analgesics, Local and Internal; Anodynes; Antineuralgics, Local and Internal; Antirheumatics, Local and Internal; Antiarthritics, Antipyretics; Antiseptics, Local and Internal; Antigonorrheics, Antileprics, Antispasmodics, Antituberculous, Antimalarial, Antidiarrheal, Antisyphilitics; Astringents, Local and Internal; Local Anæsthetics, Cicatrizants, Diuretics, Digestants, Diaphoretics, Expectorants, Hematinics, Hemostatics, Hypnotics, Purgatives, Sedatives, and General Tonics.
Claims use since Jan. 2, 1895.

Ser. No. 244,742. (CLASS 17. TOBACCO PRODUCTS.) CARL J. CHENEY, Gallipolis, Ohio. Filed Feb. 23, 1927. Under 10-year proviso.

SHARTZ'S
HIGH GRADE
STOGIES

Particular description of goods.—Stogies.
Claims use since on or about Jan. 1, 1888.

Ser. No. 244,745. (CLASS 39. CLOTHING.) W. B. COON CO., Rochester, N. Y. Filed Feb. 23, 1927.

W B Coon Co

The trade-mark is the facsimile company signature by W. B. Coon.
Particular description of goods.—Women's Shoes of Leather and Fabric.
Claims use since May, 1926.

Ser. No. 244,746. (CLASS 39. CLOTHING.) W. B. COON CO., Rochester, N. Y. Filed Feb. 23, 1927.

Wilbur Coon

The trade-mark is the facsimile signature of Wilbur Coon.
Particular description of goods.—Women's Shoes of Leather and Fabric.
Claims use since May, 1926.

Ser. No. 244,771. (CLASS 39. CLOTHING.) IMPERIAL MANUFACTURING COMPANY, New York, N. Y. Filed Feb. 23, 1927.

Grandeur

Particular description of goods.—Brassières, Corsets, Vests, Chemises, Bloomers, Step-Ins, and Costume Slips.
Claims use since Feb. 1, 1927.

Ser. No. 244,775. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KING KOFFEE KOMPANY, Indianapolis, Ind. Filed Feb. 23, 1927.



No claim is made to the words "Kwality Koffee" apart from the mark shown in the drawing.
Particular description of goods.—Coffee.
Claims use since Jan. 17, 1927.

Ser. No. 244,776. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KING KOFFEE KOMPANY, Indianapolis, Ind. Filed Feb. 23, 1927.



No claim is made to the words "Kwality Koffee" apart from the mark shown in the drawing.
Particular description of goods.—Coffee.
Claims use since Jan. 17, 1927.

Ser. No. 244,829. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) J. F. KURFEES PAINT COMPANY, INCORPORATED, Louisville, Ky. Filed Feb. 24, 1927.

HideKote

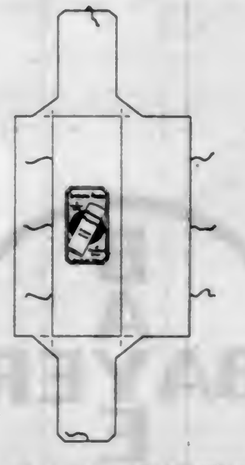
Particular description of goods.—Mixed Paint.
Claims use since Jan. 10, 1927.

Ser. No. 244,830. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) J. F. KURFEES PAINT COMPANY, INCORPORATED, Louisville, Ky. Filed Feb. 24, 1927.

DIM-TONE

Particular description of goods.—Mixed Paint.
Claims use since Jan. 1, 1927.

Ser. No. 244,832. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LAWRENCE TEXTILE CORPORATION, New York, N. Y. Filed Feb. 24, 1927.



No claim is made to the words "American, Pongee, A Wonder Value, 12 Momme Weight, A Sensational Seller, Style No. 1200, Yards." No claim is made to the wrapper alone.
Particular description of goods.—Combination Silk and Cotton Piece Goods.
Claims use since Sept. 1, 1926.

Ser. No. 244,862. (CLASS 39. CLOTHING.) GATES, MILLS & DRISCOLL, INC., Johnstown, N. Y. Filed Feb. 25, 1927.

SWAGGER

Particular description of goods.—Gloves Constructed of Leather or Fabric or Combinations of Said Materials.
Claims use since Jan. 17, 1927.

Ser. No. 244,912. (CLASS 39. CLOTHING.) IRVING M. BAKER, Denver, Colo. Filed Feb. 26, 1927.

Columbine LMB

Particular description of goods.—Ladies', Misses', and Children's Hats.
Claims use since Feb. 12, 1927.

Ser. No. 244,919. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PHILIP FRANCIS DE FATTA, doing business as Caddo Vinegar Company, Shreveport, La. Filed Feb. 26, 1927.



Particular description of goods.—Vinegar.
Claims use since Jan. 1, 1925.

Ser. No. 244,922. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FITZPATRICK BROS., Chicago, Ill. Filed Feb. 26, 1927.

AMITY

Particular description of goods.—Soap, Soap Powder, Soap Flour, Soap Chips, and Soap Flakes.
Claims use since about Dec. 15, 1926.

Ser. No. 244,975. (CLASS 17. TOBACCO PRODUCTS.) LEVON BERBERIAN, Boston, Mass. Filed Feb. 28, 1927.



Particular description of goods.—Cigarettes.
Claims use since Jan. 20, 1927.

Ser. No. 245,010. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH N. HANNA, Highland Park, Mich. Filed Feb. 28, 1927.

JABROU

Particular description of goods.—Hair Tonic.
Claims use since Feb. 15, 1927.

Ser. No. 245,027. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE PALMOLIVE COMPANY, Chicago, Ill. Filed Feb. 28, 1927.

Fanchon

Particular description of goods.—Rouge, Lipstick, Face Powder, Talcum Powder, Toilet Powder, Cold Cream, Vanishing Cream, Perfume, and Toilet Water.
Claims use since December, 1922.

Ser. No. 245,031. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALICE PASSMORE RUDY, Ada, Ohio. Filed Feb. 28, 1927.

Di-No-Mor

Particular description of goods.—Hair Tonic.
Claims use since Feb. 15, 1927.

Ser. No. 245,093. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BERTHA A. HARDY, doing business as Drovers Veterinary Union, Omaha, Nebr. Filed Mar. 2, 1927.



No claim is made herein to the use of the words "Liquid, Hog Concentrate, 250 Lbs. in 6 Months" or the representation of the hog apart from the mark shown.

Particular description of goods.—Medicine for the Treatment of the Diseases of Hogs.

Claims use since July, 1926.

Ser. No. 245,106. (CLASS 17. TOBACCO PRODUCTS.) S. S. PIERCE CO., Boston, Mass. Filed Mar. 2, 1927.

Coronation

Particular description of goods.—Cigarettes.

Claims use since Nov. 1, 1926.

Ser. No. 245,134. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THEO. BERGMANN SHOE MANUFACTURING CO., Portland, Oreg. Filed Mar. 3, 1927.



Particular description of goods.—Shoe Oil.

Claims use since July 1, 1919.

Ser. No. 245,151. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) SAM LEPPERT, Portland, Oreg. Filed Mar. 3, 1927.



Particular description of goods.—Electrotherapeutic Belt.

Claims use since Jan. 10, 1927.

Ser. No. 245,155. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE MORGAN COMPANY, Peoria, Ill. Filed Mar. 3, 1927.

MORALAC

Particular description of goods.—Lacquers.

Claims use since July, 1926.

Ser. No. 245,159. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBANI H. PARADIS, doing business as Alhpa Chemical Co., Biddeford, Me. Filed Mar. 3, 1927.

alhpa

Black-O-Lid

Particular description of goods.—Preparation for Chemically Blackening Red Stove Lids.

Claims use since Jan. 12, 1927.

Ser. No. 245,161. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. L. PRESCOTT COMPANY, New York, N. Y. Filed Mar. 3, 1927.

Presco

Particular description of goods.—Starch Tablets.

Claims use since Feb. 16, 1927.

Ser. No. 245,170. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FORNIE G. USRY, doing business as The Chill-Nox Chemical Co., Gadsden, Ala. Filed Mar. 3, 1927.

CHILL-NOX

Particular description of goods.—Preparation for the Treatment of Chills, Fever, Colds, and La Grippe.

Claims use since Aug. 1, 1926.

Ser. No. 245,192. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Mar. 4, 1927.

Ambra

Particular description of goods.—Woolen Piece Goods.

Claims use since Jan. 3, 1927.

Ser. No. 245,194. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Mar. 4, 1927.

Afghana

Particular description of goods.—Woolen Piece Goods.

Claims use since Jan. 3, 1927.

Ser. No. 245,196. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Mar. 4, 1927.

Furmana

Particular description of goods.—Woolen Piece Goods.

Claims use since Jan. 3, 1927.

Ser. No. 245,197. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Mar. 4, 1927.

Gerda

Particular description of goods.—Woolen Piece Goods.

Claims use since Jan. 3, 1927.

Ser. No. 245,199. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Mar. 4, 1927.

Indraleen

Particular description of goods.—Woolen Piece Goods.

Claims use since Jan. 3, 1927.

Ser. No. 245,200. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Mar. 4, 1927.

Mousella

Particular description of goods.—Woolen Piece Goods.

Claims use since Jan. 3, 1927.

Ser. No. 245,201. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Mar. 4, 1927.

Pallina

Particular description of goods.—Woolen Piece Goods.

Claims use since Jan. 3, 1927.

Ser. No. 245,204. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Mar. 4, 1927.

Tessa

Particular description of goods.—Woolen Piece Goods.

Claims use since Jan. 3, 1927.

Ser. No. 245,225. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PURITY-ANN BAKING COMPANY, Bloomington, Ill. Filed Mar. 4, 1927.

PURITY ANN

Particular description of goods.—Cakes, Bread, Cookies, Crackers, Wafers, Snaps, Doughnuts, and Pies.

Claims use since Nov. 8, 1926.

Ser. No. 245,250. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) WAYNE CADWALLADER, doing business as Seacoast Laboratories, Sea Bright, N. J. Filed Mar. 5, 1927.

TWIN LIGHT

Particular description of goods.—Preparations in the Form of Crystals for Laundry, Toilet, Household, and Industrial Cleaning.
Claims use since about Jan. 10. 1925.

Ser. No. 245,263. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ARTHUR A. GERLING, doing business as Gerling Toy Co., New York, N. Y. Filed Mar. 5, 1927.

BLACK BOTTOM

Particular description of goods.—Dolls.
Claims use since about Dec. 11, 1926.

Ser. No. 245,270. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) LYMAN D. HALL, New York, N. Y. Filed Mar. 5, 1927.

PUPPY

Particular description of goods.—Hand Bag or Novelty Pocketbook.
Claims use since Mar. 3, 1927.

Ser. No. 245,284. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE MOUNTAIN COPPER CO., LTD., San Francisco, Calif. Filed Mar. 5, 1927.

MOCOCO

Particular description of goods.—Sulphate of Copper, Iron Sulphate, and Copper Carbonate.
Claims use since January, 1910.

Ser. No. 245,301. (CLASS 45. BEVERAGES, NONALCOHOLIC.) SETHNESS COMPANY, Chicago, Ill. Filed Mar. 5, 1927.

DIXIE CLUB

Particular description of goods.—Nonalcoholic, Maltless Carbonated Beverages and Sirups for Making Same.
Claims use since Mar. 1, 1919.

Ser. No. 245,316. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANNA HELEN ARLT, Brooklyn, N. Y. Filed Mar. 7, 1927.

Orchard Wedding

Particular description of goods.—Lipstick, Depilatory, Astringent Lotion, Almond Cream, Rouge Liquid, Nail Polish, Hand Lotion, Bath Tablets, Bay Rum, Toilet Water, Rouge, Cold Cream, Smelling Salt, Lip Rouge, Hair Tonic, Massage Cream, Eyebrow Pencil, Face Powder, Shampoo, Bleaching Cream, Hair Wash, Nail-Polish Remover, Tooth Powder, Bleaching Lotion, Brilliantine, Tooth Paste, Hairdressing, Talcum Powder, Dusting Powder, Lemon Cream, Bath Salt, Skin Lotion, Sachet, Vanishing Cream, Skin Cream, Rouge Paste, and Perfume.
Claims use since August, 1926.

Ser. No. 245,344. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ELGIN SILK COMPANY, Paterson, N. J., and New York, N. Y. Filed Mar. 7, 1927.

Y-50 KREPE

No registration rights are claimed in the word "Krepe" except in association with the other features of the mark.
Particular description of goods.—Silk Piece Goods.
Claims use since Jan. 7, 1927.

Ser. No. 245,370. (CLASS 45. BEVERAGES, NONALCOHOLIC.) RIVERSIDE BOTTLING WORKS, La Crosse, Wis. Filed Mar. 7, 1927.

T-ZER

"T-Zer."
Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks.—Viz, Strawberry, Lemon, Grape, Orange, Cherry, and Lime Flavors, Ginger Ale, Root Beer, Cream Soda, Chocolate Soda, and Other Flavors.
Claims use since April, 1919.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

APRIL 12, 1927.

226,463. GARGLES FOR THROAT AFFECTIONS AND MOUTH WASHES. CARBO-SEPTIC CORPORATION, New York, N. Y.
Filed November 20, 1926. Serial No. 240,339. PUBLISHED JANUARY 11, 1927.

226,464. PREPARATION FOR REMOVING SOOT FROM STOVEPIPES. EDITH BRUCE GAY, doing business as Bruce Laboratories, Indianapolis, Ind.
Filed November 20, 1926. Serial No. 240,350. PUBLISHED FEBRUARY 1, 1927.

226,465. SHAMPOO AND TOOTH PASTE. PERFECTION LABORATORIES, doing business as Quic Laboratories, Chicago, Ill.
Filed November 20, 1926. Serial No. 240,363. PUBLISHED FEBRUARY 1, 1927.

226,466. SEWING MACHINES. WHITE SEWING MACHINE CORPORATION, Cleveland, Ohio.
Filed November 20, 1926. Serial No. 240,378. PUBLISHED FEBRUARY 1, 1927.

226,467. CLEANSING COMPLEXION CREAM. LILLIAN G. BRINKERHOFF, Caldwell, N. J.
Filed September 28, 1926. Serial No. 237,850. PUBLISHED JANUARY 25, 1927.

226,468. AUTOMOBILE POLISH. HENRY G. ROSEN, doing business as Vix Laboratories, Brooklyn, N. Y.
Filed November 22, 1926. Serial No. 240,443. PUBLISHED JANUARY 25, 1927.

226,469. DOLLS. GEO. BORGFELDT & CO., New York, N. Y.
Filed November 24, 1926. Serial No. 240,525. PUBLISHED FEBRUARY 1, 1927.

226,470. GINGER ALE. GREAT BEAR SPRING COMPANY, New York, N. Y.
Filed November 24, 1926. Serial No. 240,545. PUBLISHED FEBRUARY 1, 1927.

226,471. PERFUMES AND TOILET WATER. MYRURGIA, S. A., Barcelona, Spain.
Filed November 24, 1926. Serial No. 240,567. PUBLISHED JANUARY 25, 1927.

226,472. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME, INCLUDING GINGER ALE, GRAPE JUICE, AND APPLE CIDER. TONKIN DISTRIBUTING CO., San Francisco, Calif.
Filed November 24, 1926. Serial No. 240,574. PUBLISHED FEBRUARY 1, 1927.

226,473. POWER-ACTUATED SAWS. LIZZIE TOWSLEY, doing business as John T. Towsley Manufacturing Company, Cincinnati, Ohio
Filed November 20, 1926. Serial No. 240,577. PUBLISHED FEBRUARY 1, 1927.

226,474. INSIDE TIRE SLEEVES, TIRE FLAPS, TIRE PLASTERS, TIRE AND TUBE PATCHES, AND REPAIR KITS, RADIATOR HOSE, RUBBER TUBING, AND FAN BELTS, ALL MADE WHOLLY OR PARTLY OF RUBBER. THE BADGER RUBBER WORKS, Milwaukee and Cudahy, Wis.
Filed November 26, 1926. Serial No. 240,587. PUBLISHED FEBRUARY 1, 1927.

226,475. NURSING BOTTLES MADE OF GLASS. THE OWENS BOTTLE COMPANY, Toledo, Ohio.
Filed November 26, 1926. Serial No. 240,622. PUBLISHED JANUARY 25, 1927.

226,476. MEDICINE ADAPTED TO PURIFY THE BLOOD AND TO REGULATE THE KIDNEYS, LIVER, AND BOWELS. FLORIAN JOSEPH SCHMIDT, Palm Beach, Fla.
Filed November 26, 1926. Serial No. 240,627. PUBLISHED FEBRUARY 1, 1927.

226,477. COLUMN OF NOTES IN A DAILY PUBLICATION. MARION D. SENTNER, New York, N. Y.
Filed November 26, 1926. Serial No. 240,628. PUBLISHED FEBRUARY 1, 1927.

226,478. WEEKLY MAGAZINE. CHRISTIAN HERALD, New York, N. Y.
Filed November 27, 1926. Serial No. 240,642. PUBLISHED FEBRUARY 1, 1927.

226,479. NONALCOHOLIC, NONCEREAL MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME. CLYDE L. BRIDGES, Dallas, Tex.
Filed December 18, 1926. Serial No. 241,650. PUBLISHED FEBRUARY 1, 1927.

226,480. A PREPARATION FOR THE SKIN. KING AND STALLKAMP, Delphos, Ohio.
Filed November 27, 1926. Serial No. 240,662. PUBLISHED JANUARY 25, 1927.

226,481. MONTHLY MAGAZINE. THE MCCALL COMPANY, New York, N. Y.
Filed November 27, 1926. Serial No. 240,671. PUBLISHED FEBRUARY 1, 1927.

226,482. QUARTERLY MAGAZINE. THE MCCALL COMPANY, New York, N. Y.
Filed November 27, 1926. Serial No. 240,672. PUBLISHED FEBRUARY 1, 1927.

226,483. QUARTERLY MAGAZINE. THE MCCALL COMPANY, New York, N. Y.
Filed November 27, 1926. Serial No. 240,673. PUBLISHED FEBRUARY 1, 1927.

226,484. MONTHLY MAGAZINE. NATIONAL SPORTSMAN, INC., Boston, Mass.
Filed November 27, 1926. Serial No. 240,675. PUBLISHED FEBRUARY 1, 1927.

226,485. HAND TRUCKS. BARL MOVR TRUCK CO., Wichita, Kans.
Filed November 29, 1926. Serial No. 240,695. PUBLISHED FEBRUARY 1, 1927.

226,486. PASTE OR LIQUID POLISH FOR METALS AND ALL PLATED SURFACES. ANTHONY KEYES, doing business as Keyes Metal Polish Co., Naugatuck, Conn.
Filed November 29, 1926. Serial No. 240,724. PUBLISHED FEBRUARY 1, 1927.

226,487. CANNED FRUITS AND VEGETABLES. DEMING & GOULD CO., Chicago, Ill., and South Bellingham, Wash.
Filed September 11, 1926. Serial No. 237,116. PUBLISHED FEBRUARY 1, 1927.

226,488. CANNED FRUITS AND VEGETABLES. DEMING & GOULD CO., Chicago, Ill., and South Bellingham, Wash.
Filed September 11, 1926. Serial No. 237,117. PUBLISHED FEBRUARY 1, 1927.

226,489. CANNED FRUITS AND VEGETABLES. DEMING & GOULD CO., Chicago, Ill., and South Bellingham, Wash.
Filed September 11, 1926. Serial No. 237,119. PUBLISHED FEBRUARY 1, 1927.

226,490. WALNUTS IN THEIR NATURAL STATE. C. C. COLLINS COMPANY, Santa Ana, Calif.
Filed September 13, 1926. Serial No. 237,152. PUBLISHED FEBRUARY 1, 1927.

226,491. BELTING—NAMELY, LEATHER BELTING. F. RANIVILLE COMPANY, Grand Rapids, Mich.
Filed September 13, 1926. Serial No. 237,191. PUBLISHED FEBRUARY 1, 1927.

226,492. DYES AND DYESTUFFS. GENERAL DYESTUFF CORPORATION, New York, N. Y.
Filed September 14, 1926. Serial No. 237,233. PUBLISHED FEBRUARY 1, 1927.

226,493. SHAMPOOS AND HAIR DYES. TINTE ORIENTAL, INC., Mayaguez, P. R.
Filed September 14, 1926. Serial No. 237,256. PUBLISHED JANUARY 25, 1927.

226,494. TALCUM POWDER, FACE POWDER, FACE CREAM, OINTMENTS FOR USE ON THE SKIN, AND SKIN LOTIONS. F. W. HAMPSHIRE & CO., LTD., Derby, England.
Filed December 19, 1925. Serial No. 224,911. PUBLISHED APRIL 27, 1926.

226,495. COMPOUND METALS CONTAINING ZINC AND COPPER. SAMUEL S. STALEY, Reading, Pa.
Filed April 9, 1923. Serial No. 178,877. PUBLISHED MAY 12, 1925.

226,496. COUPONS AND DISCOUNT CHARTS. LEWIS C. PRITCHARD, doing business as B. M. C. Holding Co., Inc., Parkersburg, W. Va.
Filed January 15, 1924. Serial No. 190,853. PUBLISHED FEBRUARY 1, 1927.

226,497. COTTON PIECE GOODS OR MIXTURES THEREOF WITH SILK OR ARTIFICIAL SILK SOLD IN THE PIECE, EXCEPT FOR MEN'S SUITINGS. VOSS & STERN, INC., New York, N. Y.
Filed October 30, 1924. Serial No. 204,643. PUBLISHED FEBRUARY 1, 1927.

226,498. BATHING SUITS. WALTER HERTZ, Cologne-on-the-Rhine, Germany.
Filed November 6, 1924. Serial No. 204,908. PUBLISHED JANUARY 11, 1927.

226,499. LIQUID SOAP IN CONCENTRATED FORM. ALEXANDER C. FERGUSSON, Jr., doing business as Fergusson Laboratories, Philadelphia, Pa.
Filed November 8, 1924. Serial No. 205,003. PUBLISHED FEBRUARY 1, 1927.

226,500. RAW POTATOES. R. L. DOUGLASS, doing business as R. L. Douglass Co., East Grand Forks, Minn.
Filed November 8, 1926. Serial No. 239,799. PUBLISHED FEBRUARY 1, 1927.

226,501. MANICURE AID PREPARATION. JOHN F. LEONARD, Bradford, Pa.
Filed November 8, 1926. Serial No. 239,812. PUBLISHED FEBRUARY 1, 1927.

226,502. LIQUID WASHING COMPOUND. JAY-O WATER CORPORATION, New York, N. Y.
Filed November 9, 1926. Serial No. 239,860. PUBLISHED FEBRUARY 1, 1927.

226,503. YIELDING STRUTS FOR LANDING GEARS OF AIRPLANES AND HYDROPLANES. THE CLEVELAND PNEUMATIC TOOL COMPANY, Cleveland, Ohio.
Filed November 12, 1926. Serial No. 239,970. PUBLISHED FEBRUARY 1, 1927.

226,504. DEPILATORY. BERTHA RAETHKA, Cleveland, Ohio.
Filed November 15, 1926. Serial No. 240,092. PUBLISHED FEBRUARY 1, 1927.

226,505. REPAIRED AUTOMOBILE TIRE CASINGS. THOMAS P. TIVY, St. Louis, Mo.
Filed November 15, 1926. Serial No. 240,108. PUBLISHED FEBRUARY 1, 1927.

226,506. VARNISHES, ACID-RESISTING ENAMEL, EXTERIOR PAINT, FLAMEPROOF PAINT, METAL-PRESERVATIVE PAINT, GLOSSES (WHICH ARE USED AS A FINISH COAT OVER OTHER PAINTS), BRONZING LIQUID, LINSEED OIL, OIL PAINTS FOR INTERIOR USES, AND STRUCTURAL STEEL PAINT. THE VOLTAX COMPANY, Bridgeport, Conn.
Filed November 16, 1926. Serial No. 240,155. PUBLISHED JANUARY 25, 1927.

226,507. METAL CASES AND BOXES FOR DISPENSING CUPS. INDIVIDUAL DRINKING CUP CO., INC., Easton, Pa.
Filed November 17, 1926. Serial No. 240,188. PUBLISHED FEBRUARY 1, 1927.

226,508. LUBRICATING APPARATUS FOR INTERNAL-COMBUSTION ENGINES. THE LUBURETOR MANUFACTURING COMPANY, Columbus, Ohio.
Filed November 17, 1926. Serial No. 240,196. PUBLISHED FEBRUARY 1, 1927.

226,509. CANDY. LUCY BLAINE BRADSHAW, Wenham, Mass.
Filed November 18, 1926. Serial No. 240,241. PUBLISHED FEBRUARY 1, 1927.

226,510. EXTRACT OF PARATHYROID GLAND. PARKE, DAVIS & COMPANY, Detroit, Mich.
Filed November 18, 1926. Serial No. 240,275. PUBLISHED FEBRUARY 1, 1927.

226,511. PRESSING MACHINES. THE AMERICAN LAUNDRY MACHINERY COMPANY, Norwood Station, Cincinnati, Ohio.
Filed November 19, 1926. Serial No. 240,286. PUBLISHED FEBRUARY 1, 1927.

226,512. PREPARATIONS FOR THE TREATMENT OF WHOOPING COUGH, CROUP, BRONCHITIS, BRONCHIAL CATARRH, SPASMODIC AND ORDINARY COUGHS, AND COLDS. J. W. S. DELAVAU CO., Philadelphia, Pa.
Filed November 19, 1926. Serial No. 240,296. PUBLISHED JANUARY 25, 1927.

226,513. CANDIES. S. FISHER & CO. INC., Hoboken, N. J.
Filed November 19, 1926. Serial No. 240,299. PUBLISHED FEBRUARY 1, 1927.

226,514. NONFERROUS ALLOYS. GENERAL PLATE COMPANY, Attleboro, Mass.
Filed November 19, 1926. Serial No. 240,301. PUBLISHED JANUARY 25, 1927.

226,515. NUTRITION SALT DERIVED FROM GRAINS USED AS A PHARMACEUTICAL PRODUCT. MABEL KEEP, doing business as Keyfoods Company, New York, N. Y., assignor to Caroline W. Wagner, Brooklyn, N. Y.
Filed November 19, 1926. Serial No. 240,307. PUBLISHED FEBRUARY 1, 1927.

226,516. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, LIP STICKS, EYEBROW PENCILS, SKIN LOTIONS, PERFUMES, HAIR TONICS, HAIR OILS, TOOTH PASTE, DENTIFRICES, DEODORIZING PREPARATIONS, SHAMPOOS, TALCUM POWDERS, FOOT POWDERS, SACHETS, SMELLING SALTS, BATH SALTS, AND INCENSE. J. WINFIELD HEILIG, doing business as The Bertlé Company, New York, N. Y.
Filed December 1, 1926. Serial No. 240,817. PUBLISHED FEBRUARY 1, 1927.

226,517. MEDICINAL PREPARATION FOR THE TREATMENT OF INFLUENZA, ASTHMA, BURNS, AND SCALDS, COLDS, MALARIAL FEVER, SORE THROAT, PNEUMONIA, BRONCHITIS, BOILS, CATARRH, COUGHS, CROUP, RHEUMATISM, ULCER, DIPHTHERIA, CRAMPS, LUMBAGO, CHOKING ATTACKS, AND PAINS IN THE BODY. ROCCO DI BENEDETTO, Baltimore, Md.
Filed December 1, 1926. Serial No. 240,810. PUBLISHED FEBRUARY 1, 1927.

226,518. VAPOR LIGHTERS FOR CIGARS, CIGARETTES, AND THE LIKE. W. G. CLARK & CO. INC., North Attleboro, Mass.
Filed December 1, 1926. Serial No. 240,805. PUBLISHED FEBRUARY 1, 1927.

226,519. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, LIP STICKS, EYEBROW PENCILS, SKIN LOTIONS, PERFUMES, HAIR TONICS, HAIR OILS, TOOTH PASTE, DENTIFRICES, DEODORIZING PREPARATIONS, SHAMPOOS, TALCUM POWDERS, FOOT POWDERS, SACHETS, SMELLING SALTS, BATH SALTS, INCENSE, AND SOLID PERFUMES. A. P. BABCOCK COMPANY, New York, N. Y.
Filed December 1, 1926. Serial No. 240,798. PUBLISHED FEBRUARY 1, 1927.

226,520. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed November 30, 1926. Serial No. 240,775. PUBLISHED FEBRUARY 1, 1927.

226,521. FERTILIZERS. SCHOEN BROTHERS, INC., Atlanta, Ga.
Filed November 29, 1926. Serial No. 240,737. PUBLISHED FEBRUARY 1, 1927.

226,522. CARTONS AND PAPER CONTAINERS. BESS EVELYN RICHARDSON, Los Angeles, Calif.
Filed November 29, 1926. Serial No. 240,734. PUBLISHED FEBRUARY 1, 1927.

226,523. FACE CREAMS AND ROUGES. LOUIS PHILIPPE, INC., New York, N. Y.
Filed July 16, 1926. Serial No. 234,631. PUBLISHED OCTOBER 12, 1926.

226,524. DRILLS FOR BORING HOLES IN PLASTER AND OTHER MATERIAL USED IN BUILDING CONSTRUCTION. THE RAWLPLUG CO., INC., New York, N. Y.
Filed July 22, 1926. Serial No. 234,941. PUBLISHED FEBRUARY 1, 1927.

226,525. CONFECTIONS—NAMELY, GRAPEFRUIT CONFECTION CANDY. RALPH NICHOL SMITH, Los Angeles, Calif.
Filed July 26, 1926. Serial No. 235,173. PUBLISHED FEBRUARY 1, 1927.

226,526. BOOK PAPER, COVER PAPER, BOND PAPER, AND WRITING PAPER. J. E. LINDE PAPER CO., New York, N. Y.
Filed July 31, 1926. Serial No. 235,394. PUBLISHED FEBRUARY 1, 1927.

226,527. BRAKE-ADJUSTING WRENCHES, WHEEL PULLERS, WHEEL CLAMPS, BRAKE-DRUM-TRUING MACHINES, BRAKE-DRUM-RESURFACING MACHINES, BRAKE-DRUM-ALIGNING TOOLS, PORTABLE JACKS, BRAKE-BAND-ROUNDING TOOLS, BRAKE-BAND-RIVETING MACHINES, BRAKE-BAND-RELINING TOOLS. MARION EZELL, Oakland, Calif.
Filed August 23, 1926. Serial No. 236,310. PUBLISHED FEBRUARY 1, 1927.

226,528. SHOWER-BATH CURTAINS. MENELEY-DIEDERICH COMPANY, INC., Los Angeles, Calif.
Filed August 24, 1926. Serial No. 236,378. PUBLISHED FEBRUARY 1, 1927.

226,529. SHOWER-BATH CURTAINS. MENELEY-DIEDERICH COMPANY, INC., Los Angeles, Calif.
Filed August 24, 1926. Serial No. 236,379. PUBLISHED FEBRUARY 1, 1927.

226,530. ANTISEPTICS AND DISINFECTANTS. LYSOL, INCORPORATED, Bloomfield, N. J.
Filed August 25, 1926. Serial No. 236,426. PUBLISHED JANUARY 25, 1927.

226,531. MALT AND CEREAL BEVERAGES AND MALT TONIC. MANITOWOC PRODUCTS COMPANY, Manitowoc, Wis.
Filed August 25, 1926. Serial No. 236,427. PUBLISHED DECEMBER 14, 1926.

226,532. LAXATIVE. JULIUS MILLER, doing business as Miller Products Company, Hillside, N. J.
Filed August 27, 1926. Serial No. 236,559. PUBLISHED FEBRUARY 1, 1927.

226,533. APPLE CORERS, POTATO RICERS, PARING KNIVES, ICE SHAVERS, TRACING WHEELS FOR DECORATING PIES, BIT BRACES, CAKE TURNERS, CAN OPENERS, EGG WHIPS AND BEATERS, BASE-METAL FORKS, ICE PICKS, BASE-METAL KNIVES, MASHERS, MINCING KNIVES, SAWS, SINK SCRAPERS, SKIMMERS, SCREW DRIVERS, SPOONS, AND TACK PULLERS. THE WASHBURN COMPANY, Worcester, Mass.
Filed August 27, 1926. Serial No. 236,575. PUBLISHED FEBRUARY 1, 1927.

226,534. WRITING PAPER, MAILING ENVELOPES, BOX PAPER, COMPOSITION BOOKS, PAPER PADS, PENCILS, AND PENHOLDERS. JULIEN & STERLING, New York, N. Y.
Filed January 2, 1926. Serial No. 225,425. PUBLISHED FEBRUARY 1, 1927.

226,535. WOVEN FABRICS OF SILK, ARTIFICIAL SILK, COTTON, AND WOOL AND COMBINATIONS THEREOF IN THE PIECE. A. W. BAYLIS CO., New York, N. Y.
Filed January 9, 1926. Serial No. 225,607. PUBLISHED FEBRUARY 1, 1927.

226,536. CIGARETTES. DIMITRINO & Co., Cairo, Egypt.
Filed March 4, 1926. Serial No. 228,091. PUBLISHED FEBRUARY 1, 1927.

226,537. PASTILS AND TABLETS FOR THE CARE OF THE MOUTH, THROAT, AND CHEST; MEDICATED CANDIES, DENTIFRICE, TOOTH PASTE, OINTMENT FOR THE TREATMENT OF THE HUMAN SKIN, COSMETIC PASTES AND COSMETIC WASH, MOUTH WASH, HAIR WATER, AND PERFUMES. AKTIEBOLAGET PASTILL, Gefle, Sweden.
Filed March 8, 1926. Serial No. 228,288. PUBLISHED FEBRUARY 1, 1927.

226,538. ALARM CLOCK. FRATELLI BORLETTI, Milan, Italy.
Filed March 16, 1926. Serial No. 228,692. PUBLISHED JANUARY 11, 1927.

226,539. LACQUER. METALIZED LACQUER CORPORATION, San Francisco, Calif.
Filed April 10, 1926. Serial No. 229,974. PUBLISHED JANUARY 18, 1927.

226,540. FLY AND GERM KILLER AND INSECTICIDE FOR USE UPON CATTLE, LIVESTOCK, AND POULTRY; SPRAY FOR COWS, HORSES, SWINE, AND POULTRY; FLY AND INSECT PREVENTIVE, AND DISINFECTANT AND DEODORANT FOR POULTRY HOUSES, BARNS, STABLES, COW-SHEDS, PIGPENS, AND FARM BUILDINGS. D. B. SMITH & COMPANY, INC., Utica, N. Y.
Filed April 15, 1926. Serial No. 230,268. PUBLISHED FEBRUARY 1, 1927.

226,541. PENCILS AND PENHOLDERS. BAIGNOL & FARJON, Paris, France.
Filed April 16, 1926. Serial No. 230,272. PUBLISHED FEBRUARY 1, 1927.

226,542. PASTE FOR CLEANING METALLIC, VITREOUS, AND ENAMELED OBJECTS. ANNA L. GACOND, doing business as Shure-It Mfg. Co., Washington, D. C.
Filed June 1, 1926. Serial No. 232,558. PUBLISHED FEBRUARY 1, 1927.

226,543. COMMERCIAL IRON AND STEEL PRODUCTS OF BESSEMER OR BASIC OPEN-HEARTH MELTING—NAMELY, PIG IRON, STEEL INGOTS, STEEL BLOOMS, STEEL SLABS, STEEL BILLETS, STEEL SHEET BARS, STEEL WIRE RODS, STEEL TIE PLATES, STEEL PLATES AND SHEETS (BLACK, GALVANIZED, AND TERNE COATED) FLAT AND/OR CORRUGATED, AND TIN AND TERNE PLATE. WHEELING STEEL CORPORATION, Wheeling, W. Va.
Filed June 7, 1926. Serial No. 232,860. PUBLISHED JANUARY 25, 1927.

226,544. COTTON SHEETINGS. COLUMBUS MANUFACTURING COMPANY, Columbus, Ga.
Filed June 12, 1926. Serial No. 233,106. PUBLISHED FEBRUARY 1, 1927.

226,545. MEDICINAL PREPARATIONS—NAMELY, CHILL TONIC, LIVER POWDER, AND COUGH SIRUP. S. PFEIFFER MFG. CO., St. Louis, Mo.
Filed June 21, 1926. Serial No. 233,573. PUBLISHED FEBRUARY 1, 1927.

226,546. INTERNAL-COMBUSTION ENGINES AND COOLING DEVICES FOR INTERNAL-COMBUSTION ENGINES. NORTHWESTERN MOTOR COMPANY, Eau Claire, Wis.
Filed June 22, 1926. Serial No. 233,620. PUBLISHED FEBRUARY 1, 1927.

226,547. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. PIRU CITRUS ASSOCIATION, Piru, Calif.
Filed June 25, 1926. Serial No. 233,747. PUBLISHED FEBRUARY 1, 1927.

226,548. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed July 3, 1926. Serial No. 234,076. PUBLISHED FEBRUARY 1, 1927.

226,549. WHISKY GLASSES, WINE GLASSES, TUMBLERS OF GLASS, AND FLASKS OF GLASS. IRVING H. FISHELOV, doing business as H. Fishelov & Co., Chicago, Ill.
Filed July 6, 1926. Serial No. 234,205. PUBLISHED FEBRUARY 1, 1927.

226,550. EGG MASH, CHICK MASH, AND CAR FEED—NAMELY, FEED FOR POULTRY LOADED IN CARS. GENERAL COMMISSION CO., Kansas City, Mo.
Filed July 10, 1926. Serial No. 234,392. PUBLISHED DECEMBER 14, 1926.

226,551. WORSTED AND WOOL YARN. PRISCILLA WORSTED MILLS, INC., Thornton, R. I.
Filed July 31, 1922. Serial No. 167,649. PUBLISHED FEBRUARY 1, 1927.

226,552. WORSTED AND WOOL YARN. PRISCILLA WORSTED MILLS, INC., Thornton, R. I.
Filed July 31, 1922. Serial No. 167,650. PUBLISHED FEBRUARY 1, 1927.

226,553. WORSTED AND WOOL YARN. PRISCILLA WORSTED MILLS, INC., Thornton, R. I.
Filed July 31, 1922. Serial No. 167,651. PUBLISHED FEBRUARY 1, 1927.

226,554. PILE-TREATMENT PREPARATION. AMELIA R. BROWNE, doing business as Go-Pile Company, Brockton, Mass.
Filed December 8, 1926. Serial No. 241,131. PUBLISHED FEBRUARY 1, 1927.

226,555. STEEL TANKS, WHICH TANKS ARE USED AS RECEPTACLES FOR UNDERGROUND STORAGE AND ABOVEGROUND STORAGE OF PETROLEUM PRODUCTS, INCLUDING GASOLINE, OIL, AND OTHER LIQUIDS. AMERICAN STEEL WORKS, Kansas City, Mo.
Filed October 14, 1926. Serial No. 238,565. PUBLISHED FEBRUARY 1, 1927.

226,556. READY-MIXED PAINTS AND ENAMELS, PAINT COLORS, VARNISHES, LACQUERS, THINNERS FOR PAINTS AND PAINT ENAMELS, PAINTLIKE COMPOUNDS FOR LACQUERING AND ENAMELING, AND THINNERS THEREFOR. THE ZAPON COMPANY, Wilmington, Del.
Filed October 14, 1926. Serial No. 238,633. PUBLISHED JANUARY 25, 1927.

226,557. SANITARY BELT OR SUPPORTER. ELLENA MAY ACKERMAN, Santa Barbara, Calif.
Filed October 18, 1926. Serial No. 238,762. PUBLISHED JANUARY 25, 1927.

226,558. WOMEN'S WORK DRESSES AND GOWNS. THE ASSOCIATES FOR GOVERNMENT SERVICE, INCORPORATED, New York, N. Y.
Filed October 20, 1926. Serial No. 238,893. PUBLISHED JANUARY 11, 1927.

226,559. SOAPS, SOAP PASTES, AND SOAP POWDERS. PARFUMERIE ROGER ET GALLET, SOCIÉTÉ ANONYME, Paris, France.
Filed October 26, 1926. Serial No. 239,261. PUBLISHED JANUARY 11, 1927.

226,560. PRINTING MACHINES. ADDRESSOGRAPH COMPANY, Chicago, Ill.
Filed October 28, 1926. Serial No. 239,346. PUBLISHED FEBRUARY 1, 1927.

226,561. REMEDIES FOR DISORDERED LIVER, BILIOUSNESS, AND CONSTIPATION, HEADACHE, LOSS OF APPETITE, DIZZINESS, JAUNDICE, FEVER AND AGUE, MALARIA, FLATULENCY, FOUL STOMACH, AND NAUSEA. H. E. BUCKLEN & COMPANY, New York, N. Y.
Filed October 28, 1926. Serial No. 239,353. PUBLISHED FEBRUARY 1, 1927.

226,562. PHOTOGRAPH-FILM POSITIVES. ALBERT L. GODOY, New York, N. Y.
Filed October 28, 1926. Serial No. 239,361. PUBLISHED FEBRUARY 1, 1927.

226,563. RUG-CLEANING MACHINES. JAMES H. JONES, Cleveland, Ohio.
Filed October 28, 1926. Serial No. 239,370. PUBLISHED FEBRUARY 1, 1927.

226,564. VALVES AND PARTS THEREOF. WALWORTH COMPANY, Boston, Mass.
Filed October 28, 1926. Serial No. 239,390. PUBLISHED FEBRUARY 1, 1927.

226,565. SERIES OF CARTOONS. THE TRIBUNE COMPANY, Chicago, Ill.
Filed October 29, 1926. Serial No. 239,439. PUBLISHED FEBRUARY 1, 1927.

226,566. SERIES OF CARTOONS. THE TRIBUNE COMPANY, Chicago, Ill.
Filed October 29, 1926. Serial No. 239,440. PUBLISHED FEBRUARY 1, 1927.

226,567. HEADING FOR A SERIES OF NEWSPAPER ARTICLES. THE TRIBUNE COMPANY, Chicago, Ill.
Filed October 29, 1926. Serial No. 239,441. PUBLISHED FEBRUARY 1, 1927.

226,568. SERIES OF CARTOONS. THE TRIBUNE COMPANY, Chicago, Ill.
Filed October 29, 1926. Serial No. 239,442. PUBLISHED FEBRUARY 1, 1927.

226,569. HEADING FOR A NEWSPAPER COLUMN. THE TRIBUNE COMPANY, Chicago, Ill.
Filed October 29, 1926. Serial No. 239,443. PUBLISHED FEBRUARY 1, 1927.

226,570. SERIES OF CARTOONS. THE TRIBUNE COMPANY, Chicago, Ill.
Filed October 29, 1926. Serial No. 239,444. PUBLISHED FEBRUARY 1, 1927.

226,571. SERIES OF CARTOONS. THE TRIBUNE COMPANY, Chicago, Ill.
Filed October 29, 1926. Serial No. 239,445. PUBLISHED FEBRUARY 1, 1927.

226,572. WEIGHING MACHINES. AUTOSALES CORPORATION, Long Island City, N. Y.
Filed September 22, 1926. Serial No. 237,529. PUBLISHED FEBRUARY 1, 1927.

226,573. REFRIGERATORS. MCCRAY REFRIGERATOR COMPANY, Kendallville, Ind.
Filed September 22, 1926. Serial No. 237,558. PUBLISHED FEBRUARY 1, 1927.

226,574. LUBRICATING OILS AND GREASES. NORTHWESTERN PETROLEUM CORPORATION, Appleton, Wis.
Filed September 22, 1926. Serial No. 237,562. PUBLISHED NOVEMBER 30, 1926.

226,575. BELTING—NAMELY, LEATHER BELTING. F. RANIVILLE COMPANY, Grand Rapids, Mich.
Filed September 24, 1926. Serial No. 237,697. PUBLISHED FEBRUARY 1, 1927.

226,576. SANITARY APRONS, SANITARY STEP-INS, SANITARY (RUBBER PANEL BACK) SHADOW-SKIRTS. THE C. E. CONOVER CO., New York, N. Y.
Filed October 7, 1926. Serial No. 238,250. PUBLISHED FEBRUARY 1, 1927.

226,577. RUBBER PLAY BALLS. THE C. E. CONOVER CO., New York, N. Y.
Filed October 7, 1926. Serial No. 238,253. PUBLISHED FEBRUARY 1, 1927.

226,578. BATHING BAGS. THE C. E. CONOVER CO., New York, N. Y.
Filed October 7, 1926. Serial No. 238,254. PUBLISHED FEBRUARY 1, 1927.

226,579. MONTHLY PUBLICATION FOR THE BISCUIT AND CRACKER TRADE. THE NULOMOLINE COMPANY, New York, N. Y.
Filed October 8, 1926. Serial No. 238,341. PUBLISHED FEBRUARY 1, 1927.

226,580. PHARMACEUTICAL PREPARATIONS. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y.
Filed October 12, 1926. Serial No. 238,517. PUBLISHED JANUARY 25, 1927.

226,581. WELL-DRILLING DISKS FOR DISK BITS. U. S. TOOL COMPANY, Long Beach, Calif.
Filed September 7, 1926. Serial No. 236,968. PUBLISHED FEBRUARY 1, 1927.

226,582. SALT. THE SMOKED SALT COMPANY, Cincinnati, Ohio.
Filed December 7, 1926. Serial No. 241,118. PUBLISHED FEBRUARY 1, 1927.

226,583. CHEWING GUM. THE NATIONAL GUM CO., INC., Newark, N. J.
Filed December 7, 1926. Serial No. 241,114. PUBLISHED FEBRUARY 1, 1927.

226,584. COFFEE. THE HESKIN COMPANY, doing business as Susan's Shop, Cincinnati, Ohio.
Filed December 7, 1926. Serial No. 241,101. PUBLISHED FEBRUARY 1, 1927.

226,585. ALKALINE DRUG IN TABLET FORM TO BE TAKEN INTERNALLY FOR THE PURPOSE OF COUNTERACTING HYPERACIDITY IN THE HUMAN SYSTEM. ALEXANDER BORROW, Brooklyn, N. Y.
Filed December 6, 1926. Serial No. 241,033. PUBLISHED FEBRUARY 1, 1927.

226,586. DRUG IN POWDER FORM ACTING AS AN ANTISEPTIC TO BE USED SOLELY EXTERNALLY AS A VAGINAL DOUCHE. ALEXANDER BORROW, Brooklyn, N. Y.
Filed December 6, 1926. Serial No. 241,032. PUBLISHED FEBRUARY 1, 1927.

226,587. STAPLES FOR TACKING, STITCHING, AND BINDING. BOSTON WIRE STITCHER COMPANY, East Greenwich, R. I.
Filed December 4, 1926. Serial No. 240,955. PUBLISHED FEBRUARY 1, 1927.

226,588. SUBMERGED WATER HEATERS. THE BELL & GOSSETT COMPANY, Chicago, Ill.
Filed December 4, 1926. Serial No. 240,950. PUBLISHED FEBRUARY 1, 1927.

226,589. COUGH SIRUP. CHARLES D. HIGGINS, Greensboro, N. C.
Filed December 3, 1926. Serial No. 240,912. PUBLISHED FEBRUARY 1, 1927.

226,590. GAME PLAYED WITH A PADDLE AND BALL. ALFRED T. VOELKER, doing business as Skill-Ball Company, Glassboro, N. J.
Filed December 2, 1926. Serial No. 240,892. PUBLISHED FEBRUARY 1, 1927.

226,591. RUBBER STUFFING-BOX RINGS AND RUBBER PUMP COLLARS. UNION RUBBER AND ASBESTOS CO., Trenton, N. J.
Filed December 2, 1926. Serial No. 240,891. PUBLISHED FEBRUARY 1, 1927.

226,592. MONTHLY PUBLICATIONS. JOHNSTON EXPORT PUBLISHING CO., New York, N. Y.
Filed December 2, 1926. Serial No. 240,858. PUBLISHED FEBRUARY 1, 1927.

226,593. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, LIP STICKS, EYEBROW PENCILS, SKIN LOTIONS, PERFUMES, HAIR TONICS, HAIR OILS, TOOTH PASTE, DENTIFRICES, DEODORIZING PREPARATIONS, SHAMPOOS, TALCUM POWDERS, FOOT POWDERS, SACHETS, SMELLING SALTS, BATH SALTS, AND INCENSE. THE WILLIAM A. WEBSTER CO., Memphis, Tenn.
Filed December 1, 1926. Serial No. 240,834. PUBLISHED FEBRUARY 1, 1927.

226,594. ENDOCRINE TONIC. G. W. CARNRICK CO., New York, N. Y.
Filed December 9, 1926. Serial No. 241,201. PUBLISHED FEBRUARY 8, 1927.

226,595. POWDERED EGG, FOOD-FLAVORING EXTRACTS, MINCEMEAT, ALMOND PASTE, PRESERVED FRUIT, COCOA, CHOCOLATE COATING, SPICES, CAKE, NUT SALADS, AND CRUSHED FRUITS IN SIRUPS, CRUSHED NUTS IN SIRUP, SHELLED CRUSHED NUTS IN THEIR NATURAL STATE, AND CHOCOLATE SIRUP FOR FOOD PURPOSES, BOTH CONCENTRATED AND PLAIN, FRUIT CREAM ICINGS, EGG-WHITE PREPARATION, ICING POWDER, AND PREPARED CAKE MIXES. THE INTERNATIONAL COMPANY, Baltimore, Md.
Filed December 8, 1926. Serial No. 241,161. PUBLISHED FEBRUARY 1, 1927.

226,596. SHOVELS, SPADES, AND SCOOPS. AMES SHOVEL AND TOOL COMPANY, Boston, Mass.
Filed December 8, 1926. Serial No. 241,127. PUBLISHED JANUARY 11, 1927.

226,597. SHOVELS, SPADES, AND SCOOPS. AMES SHOVEL AND TOOL COMPANY, Boston, Mass.
Filed December 8, 1926. Serial No. 241,126. PUBLISHED JANUARY 11, 1927.

226,598. PYROXYLIN LACQUERS. PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa.
Filed December 7, 1926. Serial No. 241,116. PUBLISHED FEBRUARY 1, 1927.

226,599. SHOVELS, SPADES, AND SCOOPS. AMES SHOVEL AND TOOL COMPANY, Boston, Mass.
Filed December 6, 1926. Serial No. 241,020. PUBLISHED JANUARY 11, 1927.

226,600. SHOVELS, SPADES, AND SCOOPS. AMES SHOVEL AND TOOL COMPANY, Boston, Mass.
Filed December 6, 1926. Serial No. 241,019. PUBLISHED JANUARY 11, 1927.

226,601. SHOVELS, SPADES, AND SCOOPS. AMES SHOVEL AND TOOL COMPANY, Boston, Mass.
Filed December 6, 1926. Serial No. 241,018. PUBLISHED JANUARY 11, 1927.

226,602. HYPODERMIC SYRINGES. A. S. ALOE CO., St. Louis, Mo.
Filed December 6, 1926. Serial No. 241,016. PUBLISHED FEBRUARY 1, 1927.

226,603. MAYONNAISE AND SALAD DRESSINGS. JEANETTE P. CHAPMAN, doing business as Jeanette's, Somerville, Mass.
Filed December 4, 1926. Serial No. 240,957. PUBLISHED FEBRUARY 1, 1927.

226,604. MALT SIRUP FOR FOOD PURPOSES. RED SUN PRODUCTS CO., Chicago, Ill.
Filed December 3, 1926. Serial No. 240,924. PUBLISHED FEBRUARY 1, 1927.

226,605. LACQUER USED FOR SIZING AND LACQUERING MERCHANDISE USED IN THE MANUFACTURE OF LADIES' MILLINERY, AND ALSO UPON WOODWORK, AND MERCHANDISE USED IN THE MANUFACTURE OF AUTOMOBILES, AND ALSO USED IN CONJUNCTION WITH SHELLAC FOR UTILITY PURPOSES. M. FEIGEL & BRO., INC., New York, N. Y.
Filed December 1, 1926. Serial No. 240,813. PUBLISHED FEBRUARY 1, 1927.

226,606. READY-MIXED PAINTS AND ENAMEL IN THE NATURE OF PAINT. UNITED STATES GUTTA PERCHA PAINT COMPANY, Providence, R. I.
Filed November 27, 1926. Serial No. 240,691. PUBLISHED FEBRUARY 1, 1927.

226,607. FOOD PRODUCT COMPOSED OF MALT EXTRACT AND CEREALS IN POWDER FORM. SCHREIBER PRODUCTS CORPORATION, Buffalo, N. Y.
Filed November 24, 1926. Serial No. 240,569. PUBLISHED FEBRUARY 1, 1927.

226,608. CHICK FEED, SCRATCH FEED, CHICKEN MASH, SALAD DRESSING, CHEESE, CANNED FRUITS, OLIVES, CANNED SAUERKRAUT, PEANUT BUTTER, TOMATO CATCHUP, CANNED VEGETABLES, CANNED FRUITS FOR SALAD, TABLE SIRUP, CANNED MOLASSES AND CORN SIRUP, CANNED SALMON, MOLASSES, WHEAT FLOUR, RYE FLOUR, APPLE-CIDER, VINEGAR, RICE, TAPIOCA, AND COFFEE. DRAKE & COMPANY, Easton, Pa.
Filed November 17, 1926. Serial No. 240,237. PUBLISHED FEBRUARY 1, 1927.

226,609. SANITARY NAPKINS. DOVALS, INCORPORATED, Hartford, Conn.
Filed October 28, 1926. Serial No. 239,358. PUBLISHED FEBRUARY 1, 1927.

226,610. CLOTHING—NAMELY, MEN'S SUITS, OFFICE COATS, PANTS, CAPS, APRONS, WHITE DUCK AND DRILL COATS, SERVICE UNIFORMS, AND AUTOMOBILE DUSTERS. ESSEX MANUFACTURING COMPANY, INC., Burlington, Vt.
Filed September 25, 1926. Serial No. 237,729. PUBLISHED NOVEMBER 23, 1926.

226,611. COFFEE, TEA, COCOA, SPICES, FOOD-FLAVORING EXTRACTS, RICE; TABLE SAUCES—NAMELY, WORCESTERSHIRE SAUCE, CHOP-SUEY SAUCE, PEPPER SAUCE, AND COCKTAIL SAUCE; MUSTARD, CORNSTARCH, TAPIOCA, BIRDSEED, VINEGAR, CANNED FRUITS, PEANUT BUTTER, FRUIT SIRUPS FOR FOOD PURPOSES, BARLEY, FARINA, AND SALAD DRESSING. FORBES BROS. TEA & SPICE CO., St. Louis, Mo.
Filed August 26, 1926. Serial No. 236,478. PUBLISHED FEBRUARY 1, 1927.

226,612. FOOD PRODUCTS—NAMELY, OLIVE OIL, FOOD-FLAVORING EXTRACTS, MALT EXTRACTS FOR FOOD PURPOSES, TABLE SIRUPS, DRIED FRUITS, COFFEE, COCOA, CHOCOLATE, SPICES, FRUIT JAM, CANNED TUNNY FISH, AND CANNED TOMATOES. GIANDUJA IMPORTING COMPANY, New York, N. Y.
Filed June 28, 1926. Serial No. 233,819. PUBLISHED FEBRUARY 1, 1927.

226,613. SUBSTITUTE FOR NATURAL MILK FOR REARING CALVES AND YOUNG PIGS. LACTINA SUISSE PANCHAUD S. A., Vevey, Switzerland; Lyon, France, and Kehl, Germany.
Filed March 8, 1926. Serial No. 228,320. PUBLISHED FEBRUARY 1, 1927.

226,614. CANNED FRUITS, VEGETABLES, FISH, CANNED OYSTERS, CLAMS, CRAB MEAT, ETC. NATIONAL GROCER COMPANY, Detroit, Mich., and Decatur, Ill.
Filed December 24, 1925. Serial No. 225,130. PUBLISHED FEBRUARY 1, 1927.

226,615. ACETAMIDE, ACETANILID, ACETIC ANHYDRIDE, SODIUM, COBALT, IRON, ETC. CENTRAL SCIENTIFIC COMPANY, Chicago, Ill.
Filed April 20, 1925. Serial No. 212,999. PUBLISHED FEBRUARY 1, 1927.

226,616. AUTOMOBILE TIRES. VIRGIL CHARLES ANDERSON, Pleasant Grove, Calif.
Filed June 8, 1925. Serial No. 215,433. PUBLISHED FEBRUARY 1, 1927.

226,617. POWDER, ROUGE, LEMON CREAM, COLD CREAM, VANISHING CREAM, SOOTHING LOTION, BATH SALT, SKIN LOTION, HAIR TONIC, SHAMPOO, DEODORANT, BRILLIANTINE, BLEACHING LIQUID, NAIL OIL, NAIL POLISH, PERFUME, AND TOILET WATER. WILLIAM B. COHEN, doing business as Belco Chem. Co., St. Paul, Minn.
Filed August 22, 1925. Serial No. 219,230. PUBLISHED OCTOBER 12, 1926.

226,618. CANNED FISH, SPECIFICALLY CANNED SARDINES. SEACOAST CANNING COMPANY, Eastport, Me.
Filed September 3, 1925. Serial No. 219,776. PUBLISHED FEBRUARY 1, 1927.

226,619. CANNED FISH, SPECIFICALLY SARDINES. SEACOAST CANNING COMPANY, Eastport, Me.
Filed September 3, 1925. Serial No. 219,781. PUBLISHED FEBRUARY 1, 1927.

226,620. HOT-AIR DAMPERS. AARON COHN, Philadelphia, Pa.
Filed October 1, 1925. Serial No. 221,050. PUBLISHED FEBRUARY 1, 1927.

226,621. WHEAT BREAKFAST FOOD. CREAM OF WHEAT COMPANY, Minneapolis, Minn.
Filed October 15, 1925. Serial No. 221,738. PUBLISHED DECEMBER 21, 1926.

226,622. HOUSE, BARN, AND GARAGE HARDWARE AND BUILDERS' HARDWARE. FRANTZ MANUFACTURING CO., Sterling, Ill.
Filed November 7, 1925. Serial No. 222,980. PUBLISHED JANUARY 18, 1927.

226,623. TAPS, DIE BLOCKS, HOBS, THREAD-ROLLING DIES, THREAD CHASERS, AND THREADED RODS AND SHAFTS FOR USE IN MACHINE CONSTRUCTIONS. JOHN BATH & COMPANY, INC., Worcester, Mass.
Filed November 9, 1925. Serial No. 223,015. PUBLISHED FEBRUARY 1, 1927.

226,624. MATTRESSES, BED SPRINGS, PILLOWS, AND COUCHES. EDWARD MCROSKEY MATTRESS CO., San Francisco, Calif.
Filed November 14, 1925. Serial No. 223,314. PUBLISHED FEBRUARY 1, 1927.

226,625. TOY TRAINS, TOY CARS, TOY LOCOMOTIVES, PARTS OF TOY CARS, PARTS OF TOY LOCOMOTIVES, SETS OF TOY CAR PARTS, SETS OF TOY LOCOMOTIVE PARTS, AND EQUIPMENT FOR TOY TRAINS. MILTON FORCHHEIMER, doing business as The Dorfan Company, Newark, N. J.
Filed December 4, 1925. Serial No. 224,240. PUBLISHED FEBRUARY 1, 1927.

226,626. SANITARY NAPKINS AND SURGICAL PADS. COTTONOID PRODUCTS COMPANY, Chicago, Ill.
Filed December 11, 1925. Serial No. 224,550. PUBLISHED FEBRUARY 1, 1927.

226,627. STOVES USING SOLID, LIQUID, OR GASEOUS FUEL. CHARTER OAK STOVE & RANGE COMPANY, St. Louis, Mo.
Filed November 5, 1926. Serial No. 239,698. PUBLISHED FEBRUARY 1, 1927.

226,628. INSECTICIDES, LIQUID. LANAIE CHEMICAL CORPORATION, Chicago, Ill.
Filed November 6, 1926. Serial No. 239,759. PUBLISHED FEBRUARY 1, 1927.

226,629. BRAKE-DRUM-TRUING MACHINES. KARL C. SCHABINGER, doing business as Manufacturer's Auto Equipment Company, Los Angeles, Calif.
Filed November 6, 1926. Serial No. 239,772. PUBLISHED FEBRUARY 1, 1927.

226,630. GAMES PLAYED WITH A BALL ON A BOARD. ANDREW L. THOMPSON, doing business as Play Paddle Mfg. Co., Seattle, Wash.
Filed November 6, 1926. Serial No. 239,776. PUBLISHED FEBRUARY 1, 1927.

226,631. GAMES PLAYED WITH A BALL AND A BOARD HAVING PEGS AND POCKETS THEREON. ANDREW L. THOMPSON, doing business as Play Paddle Mfg. Co., Seattle, Wash.
Filed November 6, 1926. Serial No. 239,777. PUBLISHED FEBRUARY 1, 1927.

226,632. CANNED FRUITS AND VEGETABLES. DEMING & GOULD CO., Chicago, Ill., and South Bellingham, Wash.
Filed September 11, 1926. Serial No. 237,115. PUBLISHED FEBRUARY 1, 1927.

226,633. ORANGE DRINK. EDWARD GOTTLIEB, doing business as Gottlieb's Health Drinks of America, New York, N. Y.
Filed December 21, 1926. Serial No. 241,772. PUBLISHED FEBRUARY 1, 1927.

226,634. FRESH GRAPES AND FRESH DECIDUOUS FRUITS—NAMELY, PLUMS, CHERRIES, AND PEACHES. LAURENCE K. MARSHALL, Lodi, Calif.
Filed December 20, 1926. Serial No. 241,737. PUBLISHED FEBRUARY 1, 1927.

226,635. DRAWER PARTITIONS. FREDERICK A. PURCHAS, doing business as Central Paper Box Co., McGraw, N. Y.
Filed December 18, 1926. Serial No. 241,669. PUBLISHED FEBRUARY 1, 1927.

226,636. FILING CABINETS. COLUMBIA STEEL EQUIPMENT COMPANY, Philadelphia, Pa.
Filed December 17, 1926. Serial No. 241,604. PUBLISHED FEBRUARY 1, 1927.

226,637. KNIFE SHARPENERS. JAY WOOLF TEITEL, New York, N. Y.
Filed December 16, 1926. Serial No. 241,589. PUBLISHED FEBRUARY 1, 1927.

226,638. COTTON THREAD. BAY STATE THREAD WORKS, Springfield, Mass.
Filed December 16, 1926. Serial No. 241,558. PUBLISHED FEBRUARY 1, 1927.

226,639. TWINE. GEORGE F. HOFFMAN, doing business as Hoffman Lion Mills Company, New York, N. Y.
Filed December 13, 1926. Serial No. 241,415. PUBLISHED FEBRUARY 1, 1927.

226,640. TWINE. GEORGE F. HOFFMAN, doing business as Hoffman Lion Mills Company, New York, N. Y.
Filed December 13, 1926. Serial No. 241,414. PUBLISHED FEBRUARY 1, 1927.

226,641. WOOLENS AND WORSTEDS IN THE PIECE. ANDREW'S MILL CO., Andrew's Village, Woonsocket, R. I.
Filed December 13, 1926. Serial No. 241,381. PUBLISHED FEBRUARY 1, 1927.

226,642. SILK PIECE GOODS. ALBERT GODDE, BEDIN, INC., New York, N. Y.
Filed December 13, 1926. Serial No. 241,368. PUBLISHED FEBRUARY 1, 1927.

226,643. WASH CLOTHS. RICHARD M. CHRISTENSEN, New York, N. Y.
Filed December 10, 1926. Serial No. 241,261. PUBLISHED FEBRUARY 1, 1927.

226,644. MEDICINAL TREATMENT FOR LUMBAGO, NEURALGIA, RHEUMATISM, AND COLDS. MINTER MASSAGE LABORATORIES, Hackensack, N. J.
Filed December 9, 1926. Serial No. 241,283. PUBLISHED FEBRUARY 1, 1927.

226,645. PENS, PENCILS, CHALK AND CRAYON, BLANK BOOKS AND ACCOUNT BOOKS, AND WIRE CLIPS FOR FASTENING TOGETHER LOOSE LEAVES OF PAPER. GEORG STEINMETZ, Berlin, Germany.
Filed October 12, 1926. Serial No. 238,533. PUBLISHED JANUARY 11, 1927.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

226,646. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926. Serial No. 226,396.

MENLO

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids and for Cleaning, Polishing, and Sweeping.
Claims use since on or about Aug. 1, 1911.

226,647. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926. Serial No. 226,400.

BADEN

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids and for Cleaning, Polishing, and Sweeping.
Claims use since on or about Aug. 1, 1911.

226,648. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926. Serial No. 226,401.

BENGAL

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids and for Cleaning, Polishing, and Sweeping.
Claims use since Aug. 1, 1911.

226,649. (CLASS 37. PAPER AND STATIONERY.) CONTINENTAL BANK-SUPPLY COMPANY, Mexico, Mo. Filed Feb. 20, 1926. Serial No. 227,568.

BANK-SUPPLY MEXICO, MO.

Particular description of goods.—Bank Supplies—Namely, Pass Books, Check Books, Coin Envelopes, and Blank Forms of All Kinds Used in the Banking Business.
Claims use since Jan. 15, 1926.

226,650. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) LALANCE & GROSJEAN MFG. CO., New York, N. Y. Filed Mar. 9, 1926. Serial No. 228,383.

FLINT GRAY

Particular description of goods.—Enameled Ware—Viz, Wash Basins, Coffee Biggins, Coffee Boilers, Milk Boilers, Seamless Bowls, Chambers, Chamber Covers, Colanders, Drinking Cups, Straight Cups, Cuspidors, Dippers, Soap Dishes, Funnels, Fruit Funnels, Berlin Kettles, Milk Kettles, Preserving Kettles, Teakettles, Ladles, Soup Ladles, Jelly-Cake Pans, Oval Dish Pans, Dish Pans, Milk Pans, Oblong Pans, Pudding Pans, Rinsing Pans, Berlin Sauce Pans, Lipped Sauce Pans, Shallow Pie Plates, Deep Pie Plates, Coffeepots, Sauce Pots, Straight Pots, Teapots, Skimmers.
Claims use since Feb. 18, 1926.

226,651. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) JOHN P. MALLOS, doing business as the Malted Raisin Co., Wichita, Kans. Filed Mar. 19, 1926. Serial No. 228,858.

Malted Raisins

Particular description of goods.—A Malted Raisin Drink.
Claims use since Jan. 25, 1926.

226,652. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE HOSPITAL SPECIALTY CO., Cleveland, Ohio. Filed Aug. 11, 1926. Serial No. 235,820.

KOMPAK

Particular description of goods.—Sanitary Napkins.
Claims use since July 1, 1925.

226,653. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PERRY FINIS CLARDY, Ethel, Mo. Filed Aug. 26, 1926. Serial No. 236,461.



Particular description of goods.—Live Poultry, Baby Chicks, and Eggs.
Claims use since Nov. 23, 1923.

226,654. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EAGLE ROLLER MILL CO., INC., Shelby, N. C. Filed Dec. 11, 1926. Serial No. 241,331.

CAROLINA MADE



Particular description of goods.—Wheat Flour.
Claims use since 1923.

226,655. (CLASS 27. HOROLOGICAL INSTRUMENTS). PICARD, HERMANN & FILS, ALEXORA WATCH MANUFACTORY, La Chaux-de-Fonds, Switzerland. Filed Jan. 4, 1927. Serial No. 242,350.

PICARD, HERMANN & FILS

Particular description of goods.—Watches, Watch Movements, Watchcases, and Watch Dials.
Claims use since about November, 1915.

226,656. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PENN HANDKERCHIEF CO., INC., Madison, N. C. Filed Feb. 5, 1927. Serial No. 243,879.

VELVET

Particular description of goods.—Handkerchiefs.
Claims use since May 11, 1925.

226,657. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) GILLETTE SAFETY RAZOR COMPANY, Boston, Mass. Filed Feb. 8, 1927. Serial No. 244,011.

Gillette

Particular description of goods.—Surgical Knives and Parts Thereof.
Claims use since Jan. 21, 1926.

TRADE-MARK REGISTRATIONS RENEWED

29,573. AXES. Registered February 9, 1897. JAMES H. MANN, Lewistown, Pa. Renewed February 9, 1927, to Kelly Axe & Tool Co., Charleston, W. Va., a Corporation of West Virginia, assignee by mesne assignments.

29,647. WATCHES, WATCH MOVEMENTS, AND PARTS OF WATCHES. Registered March 9, 1897. AMERICAN WALTHAM WATCH CO., Boston and Waltham, Mass. Renewed March 9, 1927, to Waltham Watch Company, Waltham, Mass., a Corporation of Massachusetts, assignee.

29,648. WATCHES, MOVEMENTS, AND PARTS OF WATCHES. Registered March 9, 1897. AMERICAN WALTHAM WATCH COMPANY, Boston and Waltham, Mass. Renewed March 9, 1927, to Waltham Watch Company, Waltham, Mass., a Corporation of Massachusetts, assignee.

29,649. WATCHES, WATCH MOVEMENTS, AND PARTS OF WATCHES. Registered March 9, 1897. AMERICAN WALTHAM WATCH CO., Boston and Waltham, Mass. Renewed March 9, 1927, to Waltham Watch Company, Waltham, Mass., a Corporation of Massachusetts, assignee.

29,704. VETERINARY REMEDIES. Registered March 16, 1897. CHARLES H. LANYON. Renewed March 16, 1927, to Lester H. Lanyon, administrator of the estate of Charles H. Lanyon, deceased, Chicago, Ill., assignee.

29,859. WIRE FOR MUSICAL INSTRUMENTS. Registered April 20, 1897. FELTEN & GUILLEAUME, Mulheim, Germany. Renewed April 20, 1927, to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Koln-Mulheim, Germany, a Corporation of Germany, assignee.

29,910. CARBON PAINT. Registered April 27, 1897. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed April 27, 1927.

30,077. VARNISH. Registered May 25, 1897. THE PATTERSON-SARGENT CO., Cleveland, Ohio, and Chicago, Ill. Renewed May 25, 1927, to The Patterson-Sargent Company, Cleveland, Ohio, a Corporation of Ohio.

30,188. SHEEP SHEARS. Registered June 15, 1897. BURGON & WILKINSON, LIMITED. Renewed June 15, 1927, to Burgon & Ball Limited, Sheffield, England, a Corporation of Great Britain, successor.

30,389. HATS. Registered July 20, 1897. THE CROFUT & KNAPP CO., South Norwalk, Conn., a Corporation of Connecticut. Renewed July 20, 1927.

54,466. ARTIFICIAL FERTILIZERS. Registered June 26, 1906. CLOVERINE FERTILIZER CO., Mount Pleasant, Jackson, and Paris, Tenn. Renewed June 26, 1926, to H. D. Ruhm, doing business as Cloverine Fertilizer Company, Mount Pleasant, Tenn., assignee.

54,621. HEATING AND COOKING STOVES. Registered June 26, 1906. JOLIET STOVE WORKS. Renewed June 26, 1926, to Moore Brothers Company, Joliet, Ill., a Corporation of Illinois, successor.

57,122. KNITTED HOSIERY AND GLOVES. Registered November 6, 1906. MORITZ SML. ESCHE, Chemnitz, Germany. Renewed November 6, 1926.

57,123. KNITTED GLOVES AND HOSIERY. Registered November 6, 1906. MORITZ SML. ESCHE, Chemnitz, Germany. Renewed November 6, 1926.

58,759. CERTAIN CHEMICAL COMPOUNDS. Registered December 25, 1906. JOSEPH WILLIAMS COMPANY, Sharpsburg, Pa., a Corporation of Pennsylvania. Renewed December 25, 1926.

59,698. HOSIERY. Registered January 15, 1907. F. A. PATRICK & COMPANY, Duluth, Minn., a Corporation of Maine. Renewed January 15, 1927.

60,637. RADIATORS. Registered February 19, 1907. AMERICAN RADIATOR COMPANY, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France; and Berlin, Germany. Renewed February 19, 1927, to American Radiator Company, New York, N. Y., a Corporation of New Jersey.

60,638. RADIATORS. Registered February 19, 1907. AMERICAN RADIATOR COMPANY, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France; and Berlin, Germany. Renewed February 19, 1927, to American Radiator Company, New York, N. Y., a Corporation of New Jersey.

60,639. RADIATORS. Registered February 19, 1907. AMERICAN RADIATOR COMPANY, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France; and Berlin, Germany. Renewed February 19, 1927, to American Radiator Company, New York, N. Y., a Corporation of New Jersey.

60,641. RADIATORS. Registered February 19, 1907. AMERICAN RADIATOR COMPANY, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France; and Berlin, Germany. Renewed February 19, 1927, to American Radiator Company, New York, N. Y., a Corporation of New Jersey.

60,642. RADIATORS. Registered February 19, 1907. AMERICAN RADIATOR COMPANY, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France; and Berlin, Germany. Renewed February 19, 1927, to American Radiator Company, New York, N. Y., a Corporation of New Jersey.

60,673. RADIATORS. Registered February 19, 1907. AMERICAN RADIATOR COMPANY, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France; and Berlin, Germany. Renewed February 19, 1927, to American Radiator Company, New York, N. Y., a Corporation of New Jersey.

60,722. CERTAIN HAND TOOLS. Registered February 19, 1907. SARAH C. MORRILL. Renewed February 19, 1927, to Chas. Morrill, Inc., New York, N. Y., a Corporation of New York, successor.

61,072. LUBRICATING OIL. Registered March 5, 1907. CLARKSON & FORD CO., New York, N. Y., a Corporation of New York. Renewed March 5, 1927.

61,073. CUTTING OIL. Registered March 5, 1907. CLARKSON & FORD CO., New York, N. Y., a Corporation of New York. Renewed March 5, 1927.

61,173. ANIMAL TRAPS. Registered March 5, 1907. ONEIDA COMMUNITY LIMITED, Oneida and Niagara Falls, N. Y. Renewed March 5, 1927, to Oneida Community Limited, Oneida, N. Y., a Corporation of New York.

61,187. MEDICINAL REMEDIES FOR THE EYES. Registered March 5, 1907. T. E. MCPHERSON & CO. Renewed March 5, 1927, to John H. Dunmire, Kennett, Mo., successor.

61,264. VARNISHES. Registered March 12, 1907. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed March 12, 1927.

61,841. SEWING COTTON OR COTTON THREAD. Registered April 9, 1907. THE CLARK THREAD COMPANY, Newark, N. J., a Corporation of New Jersey. Renewed April 9, 1927.

61,860. CANNED FISH. Registered April 9, 1907. CHARLES E. MOODY & CO. Renewed April 9, 1927, to Charles E. Moody & Co. Inc., Boston, Mass., a Corporation of Massachusetts, assignee.

61,942. MACHINE SIFTERS. Registered April 9, 1907. FRED J. MEYERS MANUFACTURING CO., Hamilton, Ohio, a Corporation of Kentucky. Renewed April 9, 1927.

62,022. ALL KINDS OF COTTON THREAD. Registered April 16, 1907. THE CLARK THREAD COMPANY, Newark, N. J., a Corporation of New Jersey. Renewed April 16, 1927.

62,023. CROCHET COTTON OR COTTON THREAD. Registered April 16, 1907. THE CLARK THREAD COMPANY, Newark, N. J., a Corporation of New Jersey. Renewed April 16, 1927.

62,037. PERFUME. Registered April 16, 1907. W. W. GAVITT CHEMICAL CO. Renewed April 16, 1927, to The Gavitt Loan & Investment Co., Topeka, Kans., a Corporation of Kansas, assignee.

62,058. ANTITOXIC SERUMS. Registered April 16, 1907. SCHIMMEL & CO., Miltitz, near Leipzig, Germany. Renewed April 16, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,092. MOUTH HARMONICAS. Registered April 16, 1907. F. A. BÖHM. Renewed April 16, 1927, to F. A. Bohm A.-G., Untersachsenberg, Germany, a Corporation of Germany, successor.

62,097. CERTAIN DETERGENTS. Registered April 16, 1907. THE PORCELA COMPANY. Renewed April 16, 1927, to Porcela-Radax Co., Pittsburgh, Pa., a Corporation of Pennsylvania, successor.

62,260. EMERY CLOTH AND SANDPAPER. Registered April 30, 1907. AMERICAN GLUE CO. Renewed April 30, 1927, to American Glue Company, Boston, Mass., a Corporation of Massachusetts, assignee.

62,270. TEA AND COFFEE. Registered April 30, 1907. CHARLES E. MOODY & CO. Renewed April 30, 1927, to Charles E. Moody & Co. Inc., Boston, Mass., a Corporation of Massachusetts, assignee.

62,459. CERTAIN MEDICAL COMPOUND. Registered May 7, 1907. R. SCHIFFMANN COMPANY, St. Paul, Minn. Renewed May 7, 1927, to R. Schiffmann Company, Los Angeles, Calif., a Corporation of California, assignee.

62,636. MEN'S, WOMEN'S, AND CHILDREN'S LEATHER BOOTS AND SHOES. Registered May 21, 1907. DRAKE & CO. Renewed May 21, 1927, to Drake & Co. Inc., New York, N. Y., a Corporation of New York, successor.

62,642. PIPE AND NUT WRENCHES. Registered May 21, 1907. THE KEYSTONE MFG. CO., Buffalo, N. Y., a Corporation of New York. Renewed May 21, 1927.

62,699. HOSIERY AND KNITTED UNDERWEAR. Registered May 21, 1907. JOHN S. NAYLOR & CO. Renewed May 21, 1927, to The John S. Naylor Co., Wheeling, W. Va., a Corporation of West Virginia, successor.

62,934. WHEAT FLOUR. Registered May 28, 1907. THE SOUTHWESTERN MILLING COMPANY, Jersey City, N. J., and Kansas City, Mo. Renewed May 28, 1927, to The Southwestern Milling Company, Inc., New York, N. Y., a Corporation of New York, assignee.

62,943. BAKING POWDER. Registered May 28, 1907. KENTON BAKING POWDER COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed May 28, 1927.

63,021. CERTAIN HAND TOOLS. Registered June 4, 1907. THE KEYSTONE MFG. CO., Buffalo, N. Y., a Corporation of New York. Renewed June 4, 1927.

63,022. CERTAIN HAND TOOLS. Registered June 4, 1907. THE KEYSTONE MFG. CO., Buffalo, N. Y., a Corporation of New York. Renewed June 4, 1927.

63,050. WHISKY. Registered June 4, 1907. JOHN ROBERTSON & SON, LTD., Dundee, Scotland, a Corporation of Great Britain. Renewed June 4, 1927.

63,092. PIANOS, AUTOMATIC PIANO PLAYERS, AND SELF-PLAYING PIANOS. Registered June 4, 1907. THE CABLE COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed June 4, 1927.

63,122. CERTAIN HEATING AND VENTILATING APPARATUS. Registered June 4, 1907. A. LOTZES SONS & COMPANY. Renewed June 4, 1927, to Frederick B. Lotze, doing business as A. Lotzes Sons Co., Cincinnati, Ohio, assignee by mesne assignments.

63,198. BAKING POWDER. Registered June 11, 1907. KENTON BAKING POWDER COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed June 11, 1927.

63,639. SEWING COTTON OR COTTON THREAD. Registered July 2, 1907. THE CLARK THREAD COMPANY, Newark, N. J., a Corporation of New Jersey. Renewed July 2, 1927.

63,746. PIANOS. Registered July 9, 1907. MILTON PIANO COMPANY, New York, N. Y., a Corporation of New York, assignee of Geo. W. Gittins. Renewed July 9, 1927.

63,869. CERTAIN MACHINERY AND PARTS OF MACHINERY. Registered July 9, 1907. TAYLOR, STILES & COMPANY. Renewed July 9, 1927, to Taylor, Stiles & Company, Riegelsville, N. J., a Corporation of New Jersey, successor.

64,006. PAPER-STOCK CUTTERS AND PAPER-STOCK SHREDDERS. Registered July 16, 1907. TAYLOR, STILES & CO. Renewed July 16, 1927, to Taylor, Stiles & Company, Riegelsville, N. J., a Corporation of New Jersey, successor.)

64,011. REMEDY FOR CERTAIN DISEASES. Registered July 16, 1907. GEORGE H. RUNDLE COMPANY, Piqua, Ohio, a Corporation of Ohio. Renewed July 16, 1927.

64,027. MAGAZINES. Registered July 23, 1907. CRANE COMPANY. Renewed July 23, 1927, to Crane Co., Chicago, Ill., a Corporation of Illinois, assignee.

64,196. PASTEBOARD. Registered July 30, 1907. MCEWAN BROTHERS, New York, N. Y. Renewed July 30, 1927, to McEwan Brothers, Whippany, N. J., a Corporation of New Jersey.

64,224. NET VEILINGS. Registered July 30, 1907. S. OPPENHEIMER & LEVY. Renewed July 30, 1927, to Van Raalte Company, Inc., New York, N. Y., a Corporation of New York, assignee by mesne assignments.

64,229. A CELERY TONIC BEVERAGE. Registered July 30, 1907. SCHONEBERGER & NOBLE. Renewed July 30, 1927, to Schoneberger & Noble, Inc., New York, N. Y., a Corporation of New York, assignee.

64,242. ELASTIC VEHICLE TIRES. Registered July 30, 1907. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio, a Corporation of Ohio. Renewed July 30, 1927.

64,273. COFFEE. Registered July 30, 1907. C. M. & R. TOMPKINS, Elmira, N. Y., a Corporation of New York. Renewed July 30, 1927.

64,274. COFFEE. Registered July 30, 1907. C. M. & R. TOMPKINS, Elmira, N. Y., a Corporation of New York. Renewed July 30, 1927.

64,316. SALVE. Registered July 30, 1907. HENRY LOUIS STEINECKE, Kansas City, Mo. Renewed July 30, 1927.

64,335. BOOTS AND SHOES OF LEATHER. Registered August 6, 1907. ENDICOTT-JOHNSON COMPANY. Renewed August 6, 1927, to Endicott Johnson Corporation, Endicott, N. Y., a Corporation of New York, assignee by mesne assignments.

64,433. LAUNDRY, TOILET, AND TEXTILE SOAPS. Registered August 6, 1907. THOMAS GILL SOAP CO. INC., Brooklyn, N. Y., a Corporation of New York. Renewed August 6, 1927.

64,506. PIANOS AND ORGANS. Registered August 13, 1907. THE STARR PIANO COMPANY, Richmond, Ind., a Corporation of Indiana. Renewed August 13, 1927.

64,622. SEWING MACHINES AND THEIR PARTS AND ATTACHMENTS. Registered August 13, 1907. THE SINGER MANUFACTURING COMPANY, Elizabeth, N. J., a Corporation of New Jersey, assignee of Wheeler & Wilson Manufacturing Company. Renewed August 13, 1927.

64,623. SEWING MACHINES AND ATTACHMENTS. Registered August 13, 1907. THE SINGER MANUFACTURING COMPANY, Elizabeth, N. J., a Corporation of New Jersey, assignee of Wheeler & Wilson Manufacturing Company. Renewed August 13, 1927.

64,655. MINERAL WATER. Registered August 20, 1907. THE APOLLINARIS COMPANY, LIMITED, London, England, a Corporation of Great Britain and Ireland. Renewed August 20, 1927.

64,665. SOAP. Registered August 20, 1907. ROBINSON BROS. & COMPANY INCORPORATED, Portland, Me., and Malden, Mass. Renewed August 20, 1927, to Robinson Bros. & Company Incorporated, Malden, Mass., a Corporation of Maine.

64,688. RUBBER BELTING, RUBBER AND COTTON RUBBER-LINED HOSE, AND RUBBER PACKINGS. Registered August 20, 1907. W. S. NOTT COMPANY, Minneapolis, Minn., a Corporation of Minnesota. Renewed August 20, 1927.

64,694. HARD-RUBBER BOWLING BALLS. Registered August 20, 1907. AMERICAN HARD RUBBER COMPANY, Hempstead and New York, N. Y., a Corporation of New York. Renewed August 20, 1927.

64,717. SHEET RUBBER. Registered August 20, 1907. AMERICAN HARD RUBBER COMPANY, Hempstead and New York, N. Y., a Corporation of New York. Renewed August 20, 1927.

64,724. CERTAIN CONFECTIONERY. Registered August 20, 1907. THE BRADLEY, SMITH COMPANY, New Haven, Conn., a Corporation of Connecticut. Renewed August 20, 1927.

64,725. CHOCOLATES, BONBONS, AND CHEWING CANDIES. Registered August 20, 1907. THE BRADLEY, SMITH COMPANY, New Haven, Conn., a Corporation of Connecticut. Renewed August 20, 1927.

64,730. CANNED VEGETABLES. Registered August 20, 1907. THE FULLER CANNERIES COMPANY, Cleveland, Ohio, and South Dayton, N. Y., a Corporation of Ohio. Renewed August 20, 1927.

64,779. LEATHER BOOTS AND SHOES. Registered August 20, 1907. E. W. BURT & CO., INC., Boston, Mass. Renewed August 20, 1927, to Ground Gripper Shoe Company, Inc., New York, N. Y., and Boston, Mass., a Corporation of New York, assignee.

64,784. VALVES, COCKS, AND FAUCETS. Registered August 20, 1907. THE HAYDENVILLE COMPANY, Haydenville, Mass., a Corporation of New Jersey. Renewed August 20, 1927.

64,797. PRINTED BOOKS, PAMPHLETS, AND CIRCULARS. Registered August 20, 1907. ROGERS AND COMPANY, Chicago, Ill., and New York, N. Y., a Corporation of Illinois. Renewed August 20, 1927.

64,855. AIR RIFLES. Registered August 27, 1907. THE MARKHAM AIR RIFLE COMPANY, Plymouth, Mich., a Corporation of Michigan. Renewed August 27, 1927.

64,856. WASHING POWDER AND A SCOURING SOAP. Registered August 27, 1907. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed August 27, 1927, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

64,858. BAKING POWDER. Registered August 27, 1907. OLIVER-FINNIE CO., Memphis, Tenn., a Corporation of Tennessee. Renewed August 27, 1927.

64,922. CERTAIN FOODS. Registered August 27, 1907. OLIVER-FINNIE CO., Memphis, Tenn., a Corporation of Tennessee. Renewed August 27, 1927.

64,923. CERTAIN FOODS. Registered August 27, 1907. OLIVER-FINNIE CO., Memphis, Tenn., a Corporation of Tennessee. Renewed August 27, 1927.

64,946. ICE-CREAM FREEZERS. Registered August 27, 1907. RICHMOND CEDAR WORKS, Richmond, Va., a Corporation of Virginia. Renewed August 27, 1927.

64,950. SEWING MACHINES, PARTS, AND ATTACHMENTS. Registered August 27, 1907. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed August 27, 1927, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

64,958. LEATHER SHOES. Registered September 3, 1907. GEORGE E. BARTLETT. Renewed September 3, 1927, to William F. Armstrong, Boston, Mass., assignee.

64,959. LEATHER BOOTS, SHOES, AND SLIPPERS. Registered September 3, 1907. WILLIAM BERNSTEIN, New York, N. Y. Renewed September 3, 1927.

64,972. CERTAIN WOOD MANUFACTURES. Registered September 3, 1907. SIMMONS HARDWARE COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed September 3, 1927.

65,054. CANDIES, CRYSTALLIZED FRUITS, AND GLACÉ FRUITS. Registered September 3, 1907. OLIVER-FINNIE CO., Memphis, Tenn., a Corporation of Tennessee. Renewed September 3, 1927.

65,055. HAIRPINS, COMBS, AND HAIR ORNAMENTS. Registered September 3, 1907. PACIFIC NOVELTY COMPANY, New York, N. Y. Renewed September 3, 1927, to Du Pont Viscoloid Company, Inc., Arlington, N. J., and New York, N. Y., a Corporation of Delaware, successor.

65,086. FLAVORING EXTRACTS. Registered September 3, 1907. MCCORMICK & CO. Renewed September 3, 1927, to McCormick & Co. Incorporated, Baltimore, Md., a Corporation of Maryland, assignee.

65,088. CERTAIN BEVERAGES AND PREPARATIONS FOR MAKING BEVERAGES. Registered September 3, 1907. OLIVER-FINNIE CO., Memphis, Tenn., a Corporation of Tennessee. Renewed September 3, 1927.

65,164. COGNACS. Registered September 10, 1907. DEUTSCH-FRANZÖSISCHE COGNAC-BRENNEREI UND WEISPRIT-RAFFINERIE VORM. GEBRÜDER MACHOLL (ACTIENGESELLSCHAFT). Renewed September 10, 1927, to Weinbrennerei vorm. Gebr. Macholl A.-G., Munich, Germany, a Corporation of Germany, assignee by mesne assignments.

65,178. STOVES AND RANGES. Registered September 10, 1907. JAMES GRAHAM MANUFACTURING COMPANY, San Francisco, Calif., a Corporation of California. Renewed September 10, 1927.

65,231. STOVES AND RANGES. Registered September 10, 1907. JAMES GRAHAM MANUFACTURING COMPANY, San Francisco, Calif., a Corporation of California. Renewed September 10, 1927.

LABELS

REGISTERED APRIL 12, 1927.

31,911.—*Title:* THE MOVING PUZZLE. For Puzzles. FREDERIC E. AARON, Philadelphia, Pa. Published February 28, 1927.

31,912.—*Title:* CITRUS WASHING POWDER. For Washing Powder. CITRUS SOAP COMPANY OF CALIFORNIA, San Diego, Calif. Published February 26, 1927.

31,913.—*Title:* FLORIDA DRY. For Bottled Carbonated Beverages—Viz, Pale Ginger Ale. DELAWARE PUNCH BOTTLING CO., INC., doing business as Florida Dry Bottling Co., Miami, Fla. Published March 1, 1927.

31,914.—*Title:* MITZI HAIR NET. For Hair Nets. B. FRANKEL CO. INC., New York, N. Y. Published February 1, 1926.

31,915.—*Title:* OZORAY CREAM. For Face and General Massage Cream. EMIL HENNIG, Germantown, Philadelphia, Pa. Published December 1, 1926.

31,916.—*Title:* BRN :EZ. For An Ointment. HOME DRUG COMPANY, also doing business as Brn :Ez Company, Minneapolis, Minn. Published January 1, 1927.

31,917.—*Title:* SMACK. For Chocolate Cylinders Filled with Ice Cream. ICE CREAM SMACK PRODUCTS COMPANY, doing business as Western Dairy Products Company, Portland, Oreg. Published January 25, 1927.

31,918.—*Title:* PATCHPAIN. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,919.—*Title:* HEALPATCH. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,920.—*Title:* SKINPATCH. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,921.—*Title:* BUNIONPATCH. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,922.—*Title:* MEDIPATCH. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,923.—*Title:* ACHEPATCH. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,924.—*Title:* CORNPATCH. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,925.—*Title:* PAINSTRAP. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,926.—*Title:* RADIOPATCH. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,927.—*Title:* WONDERPATCH. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,928.—*Title:* PAINBAND. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,929.—*Title:* BANDPATCH. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,930.—*Title:* PAINPAD. For Medicated Plasters. JAMES J. LARMOUR, doing business as Larmour Products, East Orange, N. J. Published December 9, 1926.

31,931.—*Title:* NIGHT CLUB. For Ginger Ale. JOHN F. LASSER, doing business as Night Club Co., Chicago, Ill. Published December 28, 1926.

31,932.—*Title:* MAMA'S. For Ravioli and Mushroom Sauce. MAMA'S RAVIOLI CO., Los Angeles, Calif. Published November 1, 1925.

31,933.—*Title:* FRANKLIN SIMON & CO. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 6, 1926.

31,934.—*Title:* SHOECRAFT. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 5, 1925.

31,935.—*Title:* HARRY PERKINS INC. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published June 3, 1926.

31,936.—*Title:* FRANK MORE. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 5, 1925.

31,937.—*Title:* ALFRED J. RUBY. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 3, 1927.

31,938.—*Title:* OPPENHEIM, COLLINS & CO. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published June 26, 1924.

31,939.—*Title:* THE JOY BOOTERY. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published November 8, 1926.

31,940.—*Title:* FASTENBERG'S. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published September 2, 1926.

31,941.—*Title:* B. RICH'S SONS. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 5, 1925.

31,942.—*Title:* SOMMERS—INC. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 6, 1924.

31,943.—*Title:* WINKELMAN. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 5, 1926.

31,944.—*Title:* POLLY'S BOOTERY. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published June 6, 1926.

31,945.—*Title:* LANE BRYANT ADAPTO SHOES. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 5, 1925.

31,946.—*Title:* THE PEDEMORE SHOP. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 5, 1925.

31,947.—*Title:* BEST EVER. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published January 5, 1927.

31,948.—*Title:* BEN LEWIS. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published February 15, 1925.

31,949.—*Title:* NOKRODE. For a Composition Forming a Protective Coating Adapted to Prevent Corrosion. NOKRODE COMPANY, Galveston, Tex. Published January 25, 1927.

31,950.—*Title:* O-CEDAR POLISH — VARNISH'S FRIEND. For Polish for Stained, Painted, and Varnished Surfaces. O-CEDAR CORP'N., Chicago, Ill. Published February 1, 1927.

31,951.—*Title:* SEE IT IN GLASS—BUY IT IN TIN. For Canned Pumpkin. J. M. PAYER COMPANY, Chicago, Ill. Published February 1, 1927.

31,952.—*Title:* HAPPY SUNNY EASTER EGG COLORS. For Easter-Egg Colors. HAL PERN MFG. CO. INC., Brooklyn, N. Y. Published December 18, 1926.

31,953.—*Title:* SCOTTISSUE TOWELS. For Paper Towels. SCOTT PAPER COMPANY, Chester, Pa. Published February 15, 1927.

31,954.—*Title:* STATITE TUBE PATCH. For Automobile Tire and Tube Repair Outfits. STATITE RUBBER PRODUCTS COMPANY, Covington, Ky. Published September 1, 1926.

31,955.—*Title:* PREPARACIÓN PERFECCIONADA Y SIN SABOR DE WAMPOLE. For Medicinal Preparations. HENRY K. WAMPOLE AND COMPANY, INCORPORATED, Philadelphia, Pa. Published February 8, 1927.

31,956.—*Title:* CLOVER. For Spectacle Frames. THE WHITE HAINES OPTICAL COMPANY, Columbus, Ohio. Published January 18, 1927.

PRINTS

REGISTERED APRIL 12, 1927.

9,712.—*Title:* HUCK FINN, A BOW FOR EVERY RUFF AND READY, SOME BOW, EH BOYS, BOWS OF QUALITY, FOR REGULAR FELLERS, H. F. For Boys' Bow Ties. BELLE NECKWEAR COMPANY, New York, N. Y. Published December 28, 1926.

9,713.—*Title:* THE NEGLECTED POINT IN SANITATION. For Disinfectants and Deodorants for Closet Bowls. THE CLIMALENE COMPANY, Canton, Ohio. Published February 16, 1927.

9,714.—*Title:* CREATIONS OF COTY. For Face Cream and Face Powder. COTY, INC., Wilmington, Del., and New York, N. Y. Published February 7, 1927.

9,715.—*Title:* SKY BLUE! HOP SCOTCH! For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published March 5, 1927.

9,716.—*Title:* PHILADELPHIA PUPILS LEARN MORE WITH ONE CHANGE IN FOOD. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published March 1, 1927.

9,717.—*Title:* SCHOOL TESTS REVEAL STARTLING FACTS ABOUT CHILDREN'S BREAKFASTS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published March 8, 1927.

9,718.—*Title:* DENAFEST. For Floor Coverings, Including Hair Rug Cushions, Hair Carpet Lining, and Hair Stair Pads. DENSTEN FELT AND HAIR COMPANY, INC., Philadelphia, Pa. Published December 15, 1926.

9,719.—*Title:* FRIENDSHIP'S TOKEN CLOTH—GRAVED GREETINGS. For Stationery. WILL J. ECKER, Jr., St. Louis, Mo. Published February 1, 1927.

9,720.—*Title:* FEEL TYPE PRINTING YOUR FINGERS CAN TELL. For Printed, Engraved, and Lithographed Stationery. ECKER & CO. INC., St. Louis, Mo. Published February 1, 1927.

9,721.—*Title:* CAMERA GRAVURE. For Printed, Engraved, and Lithographed Stationery. ECKER & CO. INC., St. Louis, Mo. Published February 1, 1927.

9,722.—*Title:* GRANDMA'S CAKES. For Cakes. LANTZ BROS. BAKING CO., St. Louis, Mo. Published February 25, 1927.

9,723.—*Title:* CREDIT CARD. For Men's Shoes. NETTLETON SHOPS, INC., Syracuse, N. Y. Published January 10, 1927.

9,724.—*Title:* WHITE HOUSES CAN BE WHITER, NOW. For Paint. THE NEW JERSEY ZINC COMPANY, New York, N. Y. Published March 5, 1927.

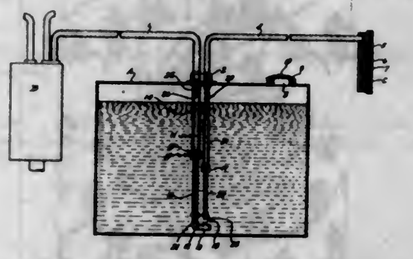
9,725.—*Title:* MINTLAX. For a Laxative Put Up in Tablet Form. ROY PAULEY, doing business as The Mintlax Co., Schenectady, N. Y. Published January 24, 1927.

9,726.—*Title:* FLIT MOTHS! ROACHES! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published December 29, 1926.

REISSUES

APRIL 12, 1927.

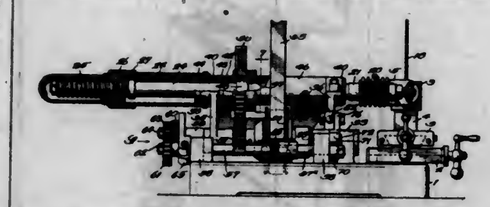
16,589. LIQUID-LEVEL GAUGE. ALEXANDER K. SCHAAP, Jr., Brooklyn, N. Y., assignor to The Schaap-Durant Control Corporation, New York, N. Y., a Corporation of New York. Filed Apr. 9, 1925. Serial No. 21,991. Original No. 1,516,829, dated Nov. 25, 1924, Serial No. 636,551, filed May 4, 1923. 19 Claims. (Cl. 73—54.)



1. In a device of the class described, in combination, a liquid supply tank, an intermittently operating suction system including a suction device and a conduit extending from a position near the bottom of the supply tank to the suction device, a gauge system including a device for indicating the level of the liquid in the supply tank, and a conduit which extends from a point near the bottom of the supply tank to the gauge, said first and second conduits having their lower ends so arranged that the lower open end of the first named conduit is below the lower open end of said second named conduit, and means for entraining air in the liquid in said first named conduit during the suction flow and the return flow of the liquid.

16,590. HOB-GRINDING MACHINE. CARL G. OLSON and FRANK W. ENGLAND, Chicago, Ill., assignors to Illinois Tool Works, Chicago, Ill., a Corporation of Illinois. Filed Apr. 22, 1924. Serial No. 708,319. Original No. 1,383,843, dated July 5, 1921, Serial No. 275,537, filed Feb. 7, 1919. 19 Claims. (Cl. 51—225.)

1. In a relieving grinding machine for grinding hobs and taps, a rotating grinder, a work spindle which is rotatable, axially movable and transversely rockable, a non-traveling support in which the spindle is both rotatable and axially movable, said support being rockable transversely of the work spindle axis for producing bodily movement of the work toward and from the grinder, means for causing the work spindle to travel axially as it rotates to conform to the helical lead of the teeth on the work, a gear having an axis coincident with the axis of the work spindle for rotating the latter, and a pinion for
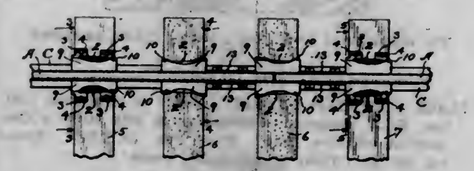


rotating said gear, the axis of the pinion being coincident with the axis of oscillation of the work spindle and its support.

16,591. PROCESS FOR MAKING ESTER CONDENSATION PRODUCTS. RAY M. CARTER, Baltimore, Md., assignor to U. S. Industrial Alcohol Co., a Corporation of West Virginia. Filed July 19, 1924. Serial No. 727,082. Original No. 1,472,324, dated Oct. 30, 1923, Serial No. 458,851, filed Apr. 5, 1921. 13 Claims. (Cl. 260—106.)

1. A process which comprises reacting upon an ester with a metal to form a compound of the metal therewith and an alcohol, and maintaining the reacting temperature near the boiling point.

16,592. RAIL CHAIR. WARREN M. OSBORN, Chicago, Ill. Filed Dec. 1, 1926. Serial No. 152,039. Original No. 1,518,871, dated Dec. 9, 1924, Serial No. 722,724, filed June 27, 1924. 6 Claims. (Cl. 238—208.)

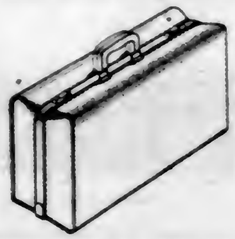


1. A metallic rail-chair having a base and side walls forming a tapering rail-space and having their tops shorter than the base, and wooden wedges adapted to be driven into said space and being longer than the tops of the side walls when in place.

DESIGNS

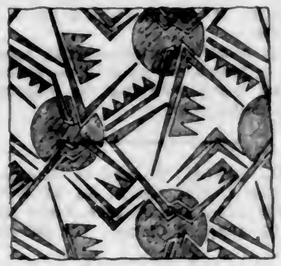
APRIL 12, 1927.

72,403. HAND BAG. OSSIP JOSEPH WALINSKY, Sea Gate, N. Y., assignor to White Luggage Co. Inc., New York, N. Y., a Corporation of New York. Filed Aug. 20, 1926. Serial No. 18,790. Term of patent 14 years.



The ornamental design for a hand bag as shown.

72,404. TEXTILE FABRIC. JAMES H. BUNTING, Clifton, N. J., assignor to Susquehanna Silk Mills, a Corporation of New York. Filed Feb. 14, 1927. Serial No. 20,734. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

72,405. TEXTILE FABRIC. JAMES H. BUNTING, Clifton, N. J., assignor to Susquehanna Silk Mills, a Corporation of New York. Filed Feb. 14, 1927. Serial No. 20,735. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

72,406. TEXTILE FABRIC. JAMES H. BUNTING, Clifton, N. J., assignor to Susquehanna Silk Mills, a Corporation of New York. Filed Feb. 14, 1927. Serial No. 20,736. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

72,407. TEXTILE FABRIC. JAMES H. BUNTING, Clifton, N. J., assignor to Susquehanna Silk Mills, a Corporation of New York. Filed Feb. 14, 1927. Serial No. 20,737. Term of patent 3½ years.



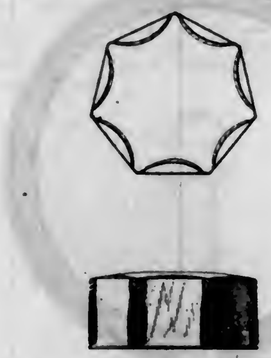
The ornamental design for a textile fabric as shown.

72,408. BOX OR SIMILAR CONTAINER. PAUL C. DELAIZE, New York, N. Y. Filed Jan. 26, 1927. Serial No. 20,494. Term of patent 7 years.



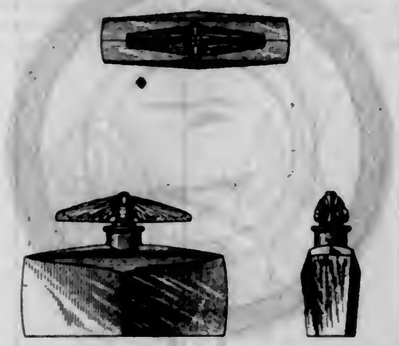
The ornamental design for a box or similar container as shown.

72,409. BOX OR SIMILAR CONTAINER. PAUL C. DELAIZE, New York, N. Y. Filed Jan. 26, 1927. Serial No. 20,495. Term of patent 7 years.



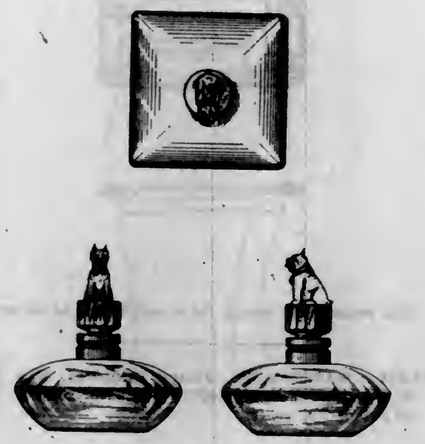
The ornamental design for a box or similar container as shown.

72,410. BOTTLE OR SIMILAR CONTAINER. PAUL C. DELAIZE, New York, N. Y. Filed Jan. 26, 1927. Serial No. 20,496. Term of patent 7 years.



The ornamental design for a bottle or similar container as shown.

72,411. BOTTLE OR SIMILAR CONTAINER. PAUL C. DELAIZE, New York, N. Y. Filed Jan. 26, 1927. Serial No. 20,497. Term of patent 7 years.



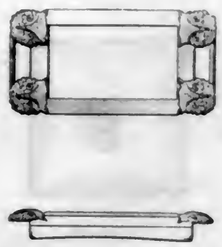
The ornamental design for a bottle or similar container as shown.

72,412. RING. CHARLES J. DIEGES, Brooklyn, N. Y., assignor to Dieges & Clust, New York, N. Y., a Corporation of New York. Filed Jan. 14, 1927. Serial No. 20,376. Term of patent 14 years.



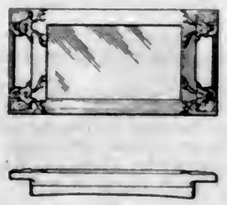
The ornamental design for a ring, as shown.

72,413. WATCHCASE. JULIUS DINHOFER, New York, N. Y. Filed Feb. 10, 1927. Serial No. 20,670. Term of patent 3½ years.



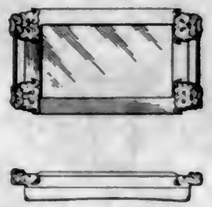
The ornamental design for a watchcase, as shown.

72,414. WATCHCASE. JULIUS DINHOFER, New York, N. Y. Filed Feb. 10, 1927. Serial No. 20,671. Term of patent 3½ years.



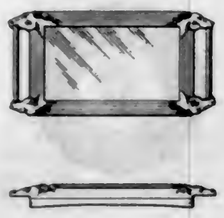
The ornamental design for a watchcase, as shown.

2,415. WATCHCASE. JULIUS DINHOFER, New York, N. Y. Filed Feb. 10, 1927. Serial No. 20,672. Term of patent 3½ years.



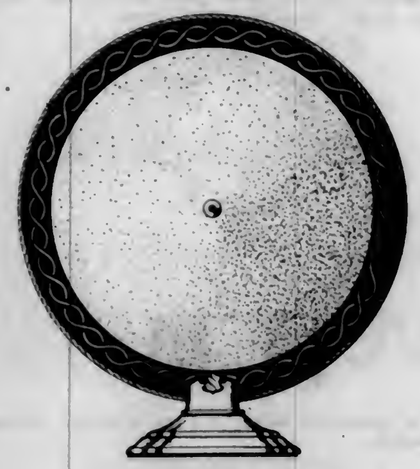
The ornamental design for a watchcase, as shown.

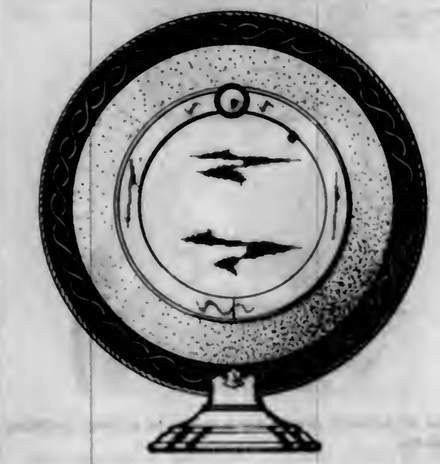
72,416. WATCHCASE. JULIUS DINHOFER, New York, N. Y. Filed Feb. 10, 1927. Serial No. 20,673. Term of patent 3½ years.



The ornamental design for a watchcase, as shown.

72,417. LOUD SPEAKER. CLAIR L. FARRAND, Forest Hills, N. Y.; ERNEST ROSS, East Orange, and PAUL F. GODLEY, Upper Montclair, N. J.; said Ross and said Godley assignors to Farrand Mfg. Co. Inc., Long Island City, N. Y., a Corporation of New Jersey. Filed Nov. 5, 1926. Serial No. 19,621. Term of patent 14 years.





The ornamental design for a loud speaker substantially as shown.

72,417.



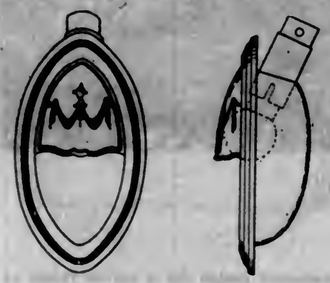
The ornamental design for a loud speaker substantially as shown.

72,418. ELECTRIC CIGAR LIGHTER. JAMES J. GOUGH, Chicago, Ill., assignor to Chicago Electric Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 26, 1926. Serial No. 19,848. Term of patent 14 years.



The ornamental design for an electric cigar lighter, as shown.

72,419. CORNER LIGHT. GEORGE GRAFF, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed Dec. 13, 1926. Serial No. 20,040. Term of patent 14 years.



The ornamental design for a corner light, substantially as shown.

72,420. GLASS BOTTLE. ALBERT G. HAMILTON, Pittsburgh, Pa., assignor to J. T. and A. Hamilton Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 4, 1925. Serial No. 14,708. Term of patent 3½ years.



The ornamental design for a glass bottle as shown.

72,421. TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE. ALFRED J. HEINKE, Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y., a Corporation of Delaware. Filed Jan. 15, 1927. Serial No. 20,386. Term of patent 3½ years.



The ornamental design for a textile fabric or similar article of manufacture substantially as shown and described.

72,422. TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE. ALFRED J. HEINKE, Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y., a Corporation of Delaware. Filed Jan. 15, 1927. Serial No. 20,387. Term of patent 3½ years.



The ornamental design for a textile fabric or similar article of manufacture substantially as shown and described.

72,423. TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE. ALFRED J. HEINKE, Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y., a Corporation of Delaware. Filed Jan. 15, 1927. Serial No. 20,388. Term of patent 3½ years.



The ornamental design for a textile fabric or similar article of manufacture substantially as shown and described.

72,424. TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE. ALFRED J. HEINKE, Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y., a Corporation of Delaware. Filed Jan. 15, 1927. Serial No. 20,389. Term of patent 3½ years.



The ornamental design for a textile fabric or similar article of manufacture substantially as shown and described.

72,425. TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE. ALFRED J. HEINKE, Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y., a Corporation of Delaware. Filed Jan. 15, 1927. Serial No. 20,390. Term of patent 3½ years.



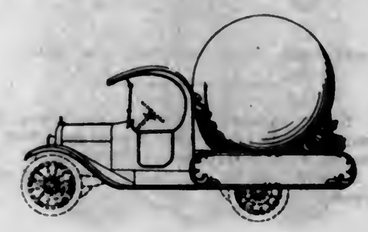
The ornamental design for a textile fabric or similar article of manufacture substantially as shown and described.

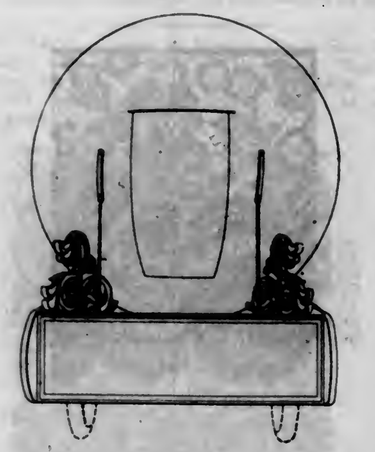
72,426. HALL CLOCK. WALTER J. HERSCHEDE, Cincinnati, Ohio, assignor to The Herschede Hall Clock Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 30, 1926. Serial No. 19,538. Term of patent 14 years.



The ornamental design for a hall clock as shown.

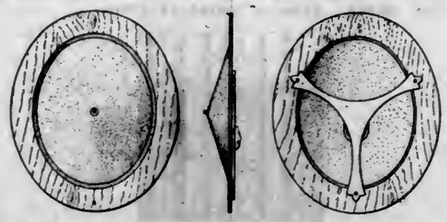
72,427. COMMERCIAL VEHICLE FLOAT. JOSEPH F. HINDES, Relay, Md., assignor to Emerson Drug Company, Baltimore, Md., a Corporation of Maryland. Filed May 2, 1928. Serial No. 6,040. Term of patent 14 years.





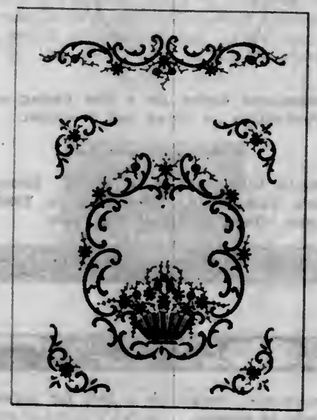
The ornamental design for a commercial vehicle float substantially as shown.

72,428. LOUD SPEAKER. MARCUS C. HOPKINS, Washington, D. C., assignor to Hopkins Corporation, Jersey City, N. J., a Corporation of Delaware. Filed June 7, 1926. Serial No. 17,966. Term of patent 14 years.



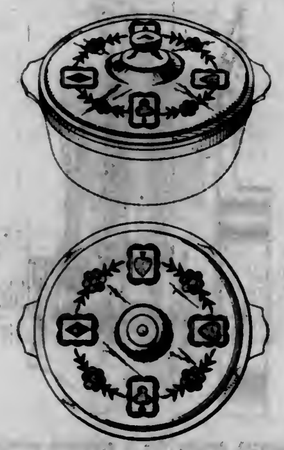
The ornamental design for a loud speaker substantially as shown.

72,429. BEDSPREAD. DEMETRIUS KEMP, New York, N. Y., assignor to Kemp & Beatley, Inc., New York, N. Y., a Corporation of New York. Filed Feb. 18, 1927. Serial No. 20,809. Term of patent 3½ years.



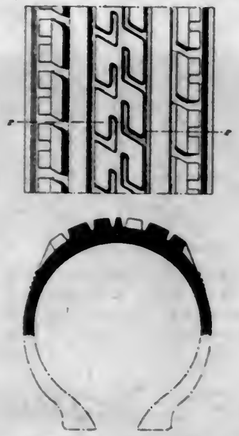
The ornamental design for a bedspread as shown.

72,480. CASSEROLE COVER. HARRY LERNER, Brooklyn, and ABE GINSBURG, New York, N. Y. Filed July 21, 1926. Serial No. 18,428. Term of patent 3½ years.



The ornamental design for a casserole cover, as shown.

72,431. TIRE CASING OR SIMILAR ARTICLE. FREDERICK LEOPOLD, Jr., Harmonville, Pa., assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa., a Corporation of New York. Filed Feb. 7, 1927. Serial No. 20,642. Term of patent 14 years.



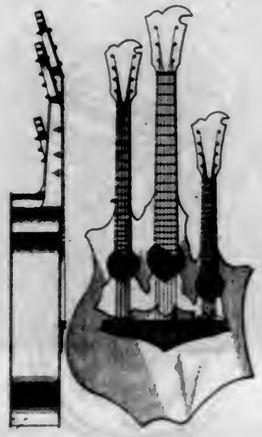
The ornamental design for a tire casing or similar article substantially as shown and described.

72,432. BELT FOR PERSONAL WEAR. ISIDORE LEIBOVITZ, New York, N. Y. Filed Aug. 24, 1926. Serial No. 18,850. Term of patent 3½ years.



The ornamental design for a belt for personal wear substantially as shown.

72,433. STRINGED MUSICAL INSTRUMENT. ADOLPH MONTFORT, Chicago, Ill. Filed June 14, 1926. Serial No. 18,046. Term of patent 7 years.



The ornamental design for a stringed musical instrument as shown.

72,434. BOTTLE. JACOB NETTER, Chicago, Ill., assignor to Theonett & Co., Chicago, Ill., a Corporation of Illinois. Filed Feb. 1, 1927. Serial No. 20,568. Term of patent 14 years.



The ornamental design for a bottle, as shown.

72,435. LACE. ALBERT E. NEWTON, Providence, R. I., assignor to Rhode Island Lace Works, Inc., West Barrington, R. I., a Corporation of Rhode Island. Filed Feb. 2, 1927. Serial No. 20,574. Term of patent 3½ years.



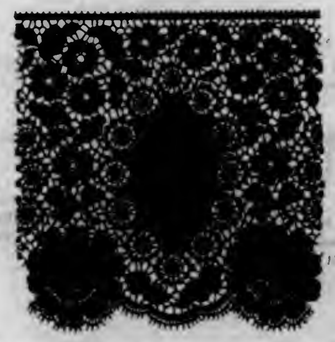
The ornamental design for lace substantially as shown.

72,436. LACE. ALBERT E. NEWTON, Providence, R. I., assignor to Rhode Island Lace Works, Inc., West Barrington, R. I., a Corporation of Rhode Island. Filed Feb. 5, 1927. Serial No. 20,621. Term of patent 3½ years.



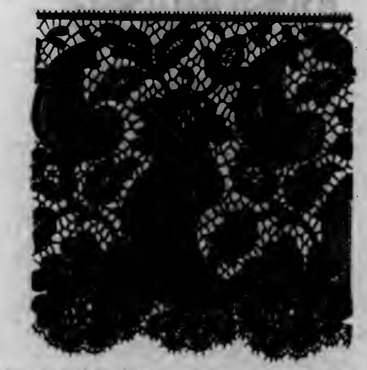
The ornamental design for lace substantially as shown.

72,437. LACE. ALBERT E. NEWTON, Providence, R. I., assignor to Rhode Island Lace Works, Inc., West Barrington, R. I., a Corporation of Rhode Island. Filed Feb. 10, 1927. Serial No. 20,666. Term of patent 3½ years.



The ornamental design for lace substantially as shown.

72,438. LACE. ALBERT E. NEWTON, Providence, R. I., assignor to Rhode Island Lace Works, Inc., West Barrington, R. I., a Corporation of Rhode Island. Filed Feb. 11, 1927. Serial No. 20,701. Term of patent 3½ years.



The ornamental design for lace substantially as shown.

72,439. PILE FABRIC. JOHN F. NICHOLS, Crompton, R. I., assignor to Crompton Company, Crompton, R. I., a Corporation of Rhode Island. Filed Aug. 6, 1926. Serial No. 18,605. Term of patent 3½ years.



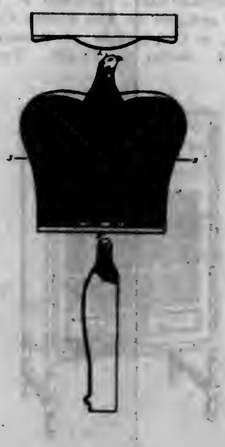
The ornamental design for a pile fabric substantially as shown.

72,440. PILE FABRIC. JOHN F. NICHOLS, Crompton, R. I., assignor to Crompton Company, Crompton, R. I., a Corporation of Rhode Island. Filed Aug. 6, 1926. Serial No. 18,612. Term of patent 3½ years.



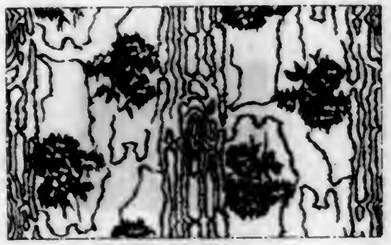
The ornamental design for a pile fabric substantially as shown.

72,441. RADIATOR CASING. ANDREW PALKA, Detroit, Mich. Filed Jan. 26, 1926. Serial No. 16,273. Term of patent 3½ years.



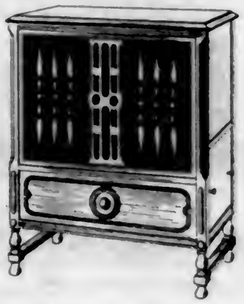
The ornamental design for a radiator casing, as shown.

72,442. TEXTILE FABRIC. FRANKLIN H. PILLSBURY, Arlington, N. J. Filed Jan. 31, 1927. Serial No. 20,560. Term of patent 3½ years.



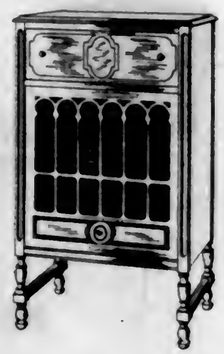
The ornamental design for a textile fabric substantially as shown.

72,443. RADIOCABINET. EDWARD F. POOLEY, Philadelphia, Pa., assignor to The Pooley Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 12, 1927. Serial No. 20,349. Term of patent 7 years.



The ornamental design for a radiocabinet as shown.

72,444. RADIOCABINET. EDWARD F. POOLEY, Philadelphia, Pa., assignor to The Pooley Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 12, 1927. Serial No. 20,350. Term of patent 7 years.



The ornamental design for a radiocabinet as shown.

72,445. TEXTILE FABRIC. MAX ROTHSCHILD, New York, N. Y., assignor to Susquehanna Silk Mills, a Corporation of New York. Filed Feb. 14, 1927. Serial No. 20,738. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

72,446. TEXTILE FABRIC. MAX ROTHSCHILD, New York, N. Y., assignor to Susquehanna Silk Mills, a Corporation of New York. Filed Feb. 14, 1927. Serial No. 20,741. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

72,447. TEXTILE FABRIC. MAX ROTHSCHILD, New York, N. Y., assignor to Susquehanna Silk Mills, a Corporation of New York. Filed Feb. 14, 1927. Serial No. 20,742. Term of patent 3½ years.



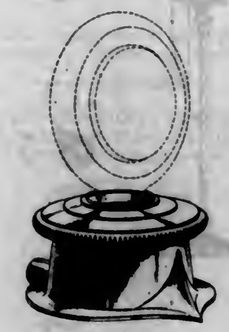
The ornamental design for a textile fabric as shown.

72,448. EMBROIDERED LACE MEDALLION. HENRY SCHWARBER, Weehawken, N. J. Filed Feb. 15, 1927. Serial No. 20,765. Term of patent 3½ years.



The ornamental design for embroidered lace medallion, as shown.

72,449. RADIATOR CAP. ERNEST W. SEAHOLM, Detroit, Mich. Filed Nov. 15, 1926. Serial No. 19,739. Term of patent 14 years.



The ornamental design for a radiator cap as shown.

72,450. LIGHTING-FIXTURE HUSK OR SIMILAR ARTICLE. ALFRED P. SEIDELL, Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co., a Corporation of New Jersey. Filed Feb. 5, 1927. Serial No. 20,623. Term of patent 7 years.



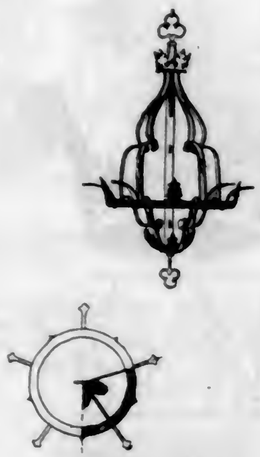
The ornamental design for a lighting fixture husk or similar article substantially as shown.

72,451. LIGHTING-FIXTURE ARM. ALFRED P. SEIDELL, Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co., a Corporation of New Jersey. Filed Feb. 5, 1927. Serial No. 20,624. Term of patent 7 years.



The ornamental design for a lighting fixture arm substantially as shown.

72,452. CHANDELIER. ALFRED P. SEIDELL, Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co., a Corporation of New Jersey. Filed Feb. 5, 1927. Serial No. 20,625. Term of patent 7 years.



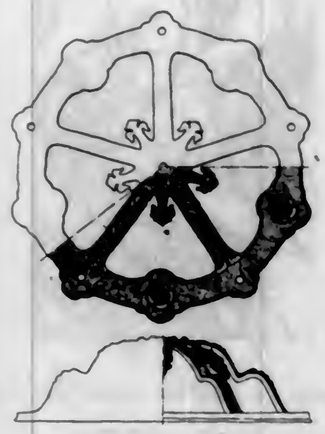
The ornamental design for a chandelier substantially as shown and described.

72,453. BACKPLATE FOR LIGHTING FIXTURES. ALFRED P. SEIDELL, Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co., a Corporation of New Jersey. Filed Feb. 5, 1927. Serial No. 20,626. Term of patent 7 years.



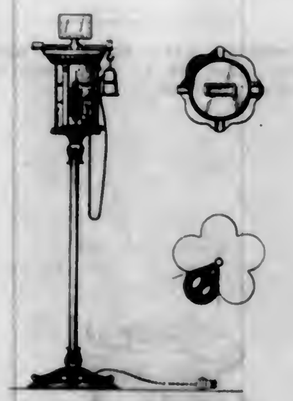
The ornamental design for a backplate for lighting fixtures substantially as shown and described.

72,454. LIGHTING-FIXTURE PLATE. ALFRED P. SEIDELL, Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co., a Corporation of New Jersey. Filed Feb. 5, 1927. Serial No. 20,627. Term of patent 7 years.



The ornamental design for a lighting fixture plate substantially as shown and described.

72,455. SMOKING STAND. PHILIP C. SHAPIRO, Philadelphia, Pa., assignor to Siegel Light Supply Company, Philadelphia, Pa. Filed Jan. 4, 1927. Serial No. 20,279. Term of patent 3½ years.



The ornamental design for a smoking stand as shown.

72,456. LIGHTING-FIXTURE BRACKET. HARRY SHARDLOW, Los Angeles, Calif., assignor to Solar Lighting Fixture Co., Los Angeles, Calif., a Corporation of California. Filed Jan. 18, 1927. Serial No. 20,419. Term of patent 7 years.



The ornamental design for a lighting fixture bracket, as shown.

72,457. LIGHT SHADE OR SIMILAR ARTICLE. FRED W. STEWART, Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Dec. 16, 1926. Serial No. 20,063. Term of patent 14 years.



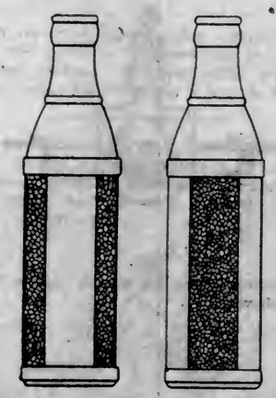
The ornamental design for a light shade or similar article, substantially as shown and described.

72,458. WASHING-MACHINE CABINET. CARL W. SWANSON, Chicago, Ill. Filed Jan. 15, 1926. Serial No. 16,107. Term of patent 14 years.



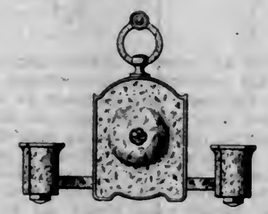
The ornamental design for a washing machine cabinet as shown and described.

72,459. BOTTLE. ARCH B. TAYLOR, Charlotte, CORNELIA TAYLOR LONG, Winston-Salem, N. C., and ARCHIE C. SOHN, Pittsburgh, Pa., assignors to Taylor-Long Company, Charlotte, N. C., a Corporation of North Carolina. Filed Dec. 4, 1926. Serial No. 19,931. Term of patent 14 years.



The ornamental design for a bottle as shown and described.

72,460. WALL BRACKET FOR LIGHTING FIXTURES. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Jan. 26, 1927. Serial No. 20,508. Term of patent 3½ years.



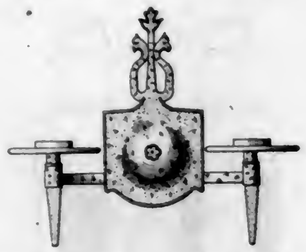
The ornamental design for a wall bracket for lighting fixtures, as shown.

72,461. BACKPLATE FOR LIGHTING FIXTURES. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Jan. 26, 1927. Serial No. 20,509. Term of patent 3½ years.



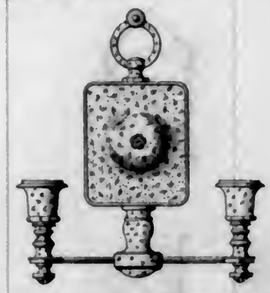
The ornamental design for a back plate for lighting fixtures, as shown.

72,462. WALL BRACKET FOR LIGHTING FIXTURES. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Jan. 26, 1927. Serial No. 20,505. Term of patent 3½ years.



The ornamental design for a wall bracket for lighting fixtures, as shown.

72,463. WALL BRACKET FOR LIGHTING FIXTURES. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Jan. 26, 1927. Serial No. 20,507. Term of patent 3½ years.

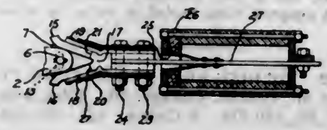


The ornamental design for a wall bracket for lighting fixtures, as shown.

PATENTS

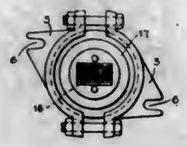
GRANTED APRIL 12, 1927.

1,623,954. ELECTRICAL SWITCH. HERMAN KIMBALL ANSINGH, Murraysville, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 1, 1921. Serial No. 497,475. 7 Claims. (Cl. 200—166.)



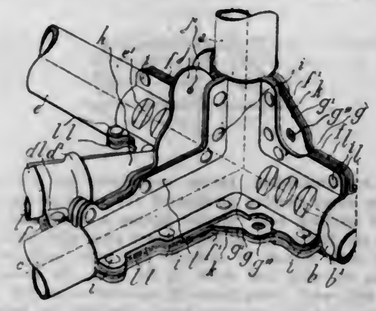
1. The combination with a pair of coacting contact members, of means for supporting one of said contact members and spring means for yieldingly supporting the other contact members for permitting the alinement of said contact members when in engagement, said first means comprising a pivotal connection between said one contact member and its supporting means permitting displacement bodily in a lateral direction.

1,623,955. SWITCH MECHANISM. HERMAN K. ANSINGH, Toronto, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 6, 1922. Serial No. 592,767. 3 Claims. (Cl. 173—332.)



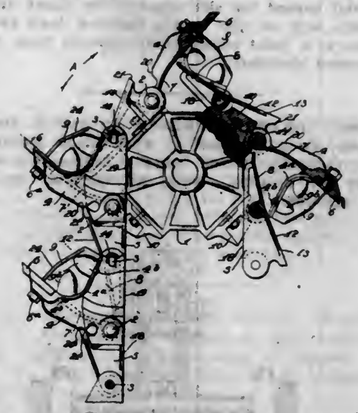
1. A switch-jaw member comprising five relatively long and flexible conducting strips secured together at one end and constituting a relatively flexible laminated conducting member, the outermost pairs of strips being offset with respect to one another and provided with reentrant contact surfaces for engaging opposite sides of a pair of contact-blade members.

1,623,956. CONNECTING MEMBER. FELIX AMIOT, Colombes, France. Filed Sept. 10, 1923, Serial No. 661,974, and in Belgium Nov. 22, 1922. 4 Claims. (Cl. 189—36.)



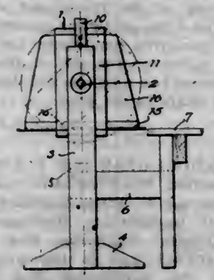
1. A joint or connecting device for assembling or attaching parts together comprising a plurality of metal elements provided with recesses in such a way that when the elements are fitted together they embrace and secure the ends of the parts to be assembled, an intermediate plate provided between two neighboring edges of two elements and means for attaching a stay to said plate.

1,623,957. DIGGING MEMBER FOR DITCHING MACHINES. HARRY H. BARBER, Aurora, Ill., assignor to Barber-Greene Company, Aurora, Ill., a Corporation of Illinois. Filed May 14, 1924. Serial No. 718,242. 6 Claims. (Cl. 37—191.)



1. In a ditching machine a chain link comprising two parts hinged together, one part carrying the bottom and side walls of an upwardly and rearwardly open bucket extending from its outer face, the hinge axis being disposed at a distance above the bottom of the bucket and the other part of the link including a back wall for the bucket extending above and below said hinge and between said side walls to close the rear opening of the bucket, the bottom of the bucket being curved concentrically about the hinge axis to permit the lower edge of the back wall to sweep across said curved bottom when the link folds at the hinge as in traversing a pulley.

1,623,958. MEANS FOR INVERTING PACKAGES. JACOB BAUER, Youngstown, N. Y., assignor of one-third to Charles L. Johnson and one-third to Lindley W. Johnson, Youngstown, N. Y. Filed Oct. 26, 1926. Serial No. 144,308. 6 Claims. (Cl. 226—17.)



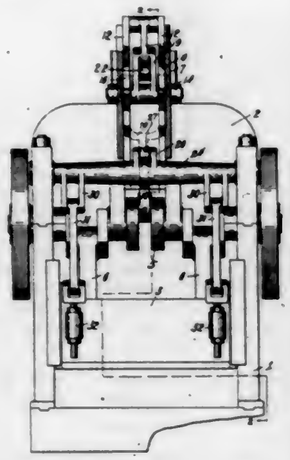
1. Means for inverting packages, including a pivoted carrier having twin upper and lower halves reversible in the rotation of the carrier.

1,623,959. KEY CASE. WARNER R. BUXTON, Longmeadow, Mass., assignor to Buxton, Incorporated, Springfield, Mass., a Corporation of Massachusetts. Filed Feb. 2, 1924. Serial No. 690,171. 2 Claims. (Cl. 150—40.)



1. A key retaining device for key cases and the like, having one end of its shank bent to form a circular eye and the terminus of said eye being flattened out to offset the metal beyond the side edges of the shank and form shoulders, said eye also having flattened down and offset portions at a point substantially opposite from the said first named shoulders.

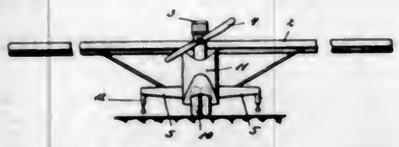
1,623,960. DRAWING PRESS. ARTHUR A. BYERLEIN, Toledo, Ohio, assignor to The Toledo Machine and Tool Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 6, 1923. Serial No. 666,883. 18 Claims. (Cl. 113—38.)



1. In combination with the frame, crank shaft and reciprocatory blank holder of a drawing press, a lever fulcrumed midway of the frame and above the crank shaft, and having arms projecting towards opposite sides of the frame, operative connections between each arm and the blank holder on the side of the frame towards which the respective arm projects, and driving connections from the crank shaft to the lever.

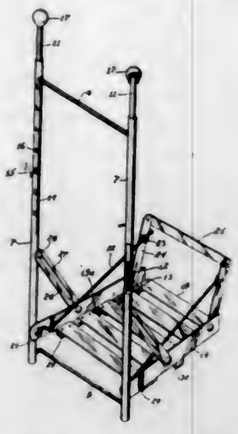
1,623,961. LANDING GEAR FOR FLYING MACHINES. CLAUDIUS DORNIER, Friedrichshafen-on-the-Bodensee, Germany, assignor to Firm Zeppelinwerk Lindau Gesellschaft mit beschränkter Haftung, Lindau-Reutin, Germany. Original application filed June 15, 1921, Serial No. 477,843, and in Germany Dec. 4, 1920. Divided and this application filed May 22, 1924. Serial No. 715,261. 6 Claims. (Cl. 244—2.)

1. In a device of the class described, the combination of a pair of vertical spaced tubular standards, rods guided in said standards, resilient means tending to extend said rods from said standards, means for adjust-



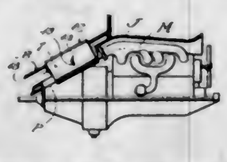
ing the length of the extension of said rods from said standards, and a seat pivotally mounted on said standards and adapted to be folded so as to lie between them.

1,623,962. FOLDING SEAT FOR WINDOW CLEANING. BRUNO W. DREYER, Chicago, Ill. Filed July 6, 1926. Serial No. 120,559. 6 Claims. (Cl. 304—24.)



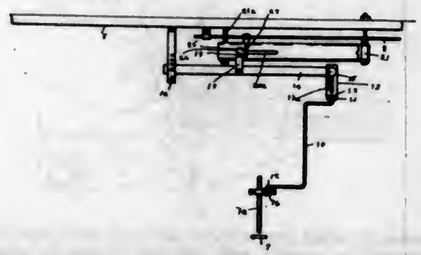
1. In a device of the class described, the combination of a pair of vertical spaced tubular standards, rods guided in said standards, resilient means tending to extend said rods from said standards, means for adjusting the length of the extension of said rods from said standards, and a seat pivotally mounted on said standards and adapted to be folded so as to lie between them.

1,623,963. AUTOMOBILE HEATER. JAMES ROYAL FRUSHOUR, Andrews, Ind. Filed June 10, 1926. Serial No. 115,081. 4 Claims. (Cl. 237—12.3.)



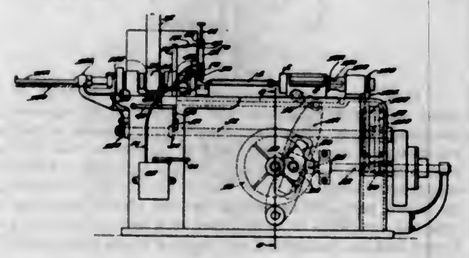
1. An automobile heater comprising an air receiver whose upper portion is adapted for reception in a floor board opening, said receiver having a bottom to contact with the lower side of an exhaust pipe, side walls rising from said bottom to straddle the pipe, and projecting means on said side walls to lie upon the floor board, said side walls being inwardly movable to permit upward passage of said projecting means through the floor board opening when the heater is being installed, and means for holding said side walls against unintentional inward movement after installation of the heater.

1,623,964. STOP MOTION FOR SPINNING MACHINES. PHILIP S. GIROUX, West Warren, Mass. Filed Nov. 19, 1924. Serial No. 750,913. 2 Claims. (Cl. 118—5.)



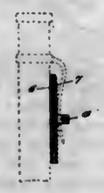
1. A combination with the belt shifter, a housing having a longitudinal slot therein, one end of said slot having a lateral recess, a cylinder, a plunger in said cylinder provided with a pin adapted to engage the recess, a spring engaging said plunger to propel said pin in said slot, said pin being arranged to engage the belt shifter and said spring being of sufficient force to operate said belt shifter, and means operable by the load controlling rail of a spinning frame for disengaging said pin from said recess to permit said spring and plunger to operate said belt shifter.

1,623,965. TUBE POLISHING OR SIZING MACHINE. NORMAN MARSHALL, Nashua, N. H., assignor to Remington Arms Company, Inc., a Corporation of Delaware. Filed Feb. 26, 1924. Serial No. 695,249. 12 Claims. (Cl. 93—83.)



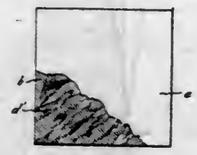
4. A machine for sizing or polishing tubes having, in combination, a tube carrying mandrel, a revolving die, mechanism for relatively moving the mandrel and die to force a tube on the mandrel through the die, and lubricating means for the tube arranged in proximity to the mandrel only during the entrance of the tube into the die.

1,623,966. PEN AND PENCIL HOLDER. FRANKIE LEE MCCASKILL, Louisville, Ky. Filed Dec. 13, 1926. Serial No. 154,532. 1 Claim. (Cl. 24—12.)



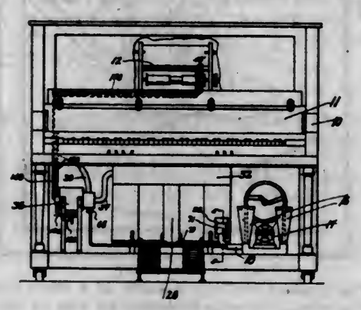
In a holder for pens and pencils provided with spring clasps, a plate member, means upon the rear surface of the plate whereby the same may be secured to a garment, said pens and pencils adapted to be arranged vertically upon the outer surface of the plate and to have their spring clips arranged over the rear surface of said plate in a manner and for purpose described, and spaced longitudinal teeth upon the rear surface of the plate for providing a friction surface for said spring clips.

1,623,967. PROCESS OF PRODUCING IMITATION MARBLE. JOSEPH A. MOROSS, Detroit, Mich. Filed Oct. 25, 1926. Serial No. 144,041. 3 Claims. (Cl. 41—26.)



1. In a process of producing imitation marble, applying to the back of a sheet of transparent material a coating of water color, streaking said water color with a surface tension reducing medium whereby transparent veins are opened up in the color, filling the said transparent veins with a further color adapted with the first color to produce a marbled effect, and subsequently applying a suitable protective coating over the said colors.

1,623,968. REPRODUCTION OF MUSIC. WILLIAM L. MORRIS, Chicago, Ill., assignor to Gulbransen Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 10, 1924. Serial No. 736,814. 35 Claims. (Cl. 84—41.)

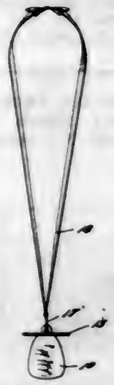


2. In a player piano, the combination with the pneumatic stack, of expression mechanism for varying the suction transmitted to the stack, two independent sources of suction, one motor driven and the other foot actuated, and connections for delivering suction from the motor driven source to the action modified by said expression mechanism, and delivering suction from said foot actuated source to the action direct and unmodified.

1,623,969. TEETHING DEVICE FOR INFANTS. JAMES A. PALMER, Taunton, Mass., assignor to Taunton Pearl Works, Inc., Taunton, Mass., a Corporation of Massachusetts. Filed July 12, 1926. Serial No. 121,748. 2 Claims. (Cl. 128—359.)

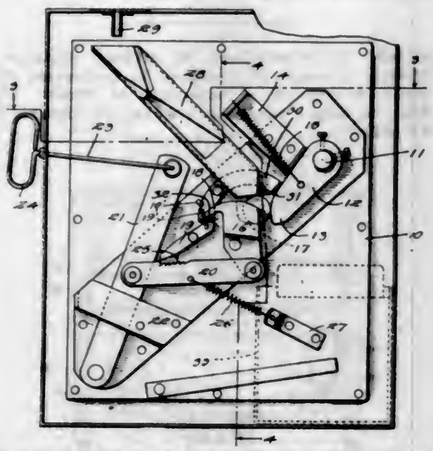
1. A teething device for infants, comprising a body portion formed of mother-of-pearl, the upper portion of the body being reduced to form a shoulder having an

integral neck extending therefrom with a hole therethrough, a guard plate resting on said shoulder and having an opening through which the neck extends, and



attaching means extending through said opening on the distal side of said plate from said shoulder to prevent disengagement of said guard plate from the body.

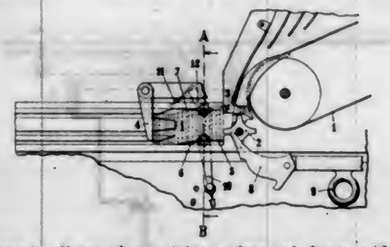
1,623,970. CHECK-CONTROLLED MECHANISM. JOHN M. PERRY, Vosburg, Miss. Filed Aug. 10, 1926. Serial No. 128,446. 4 Claims. (Cl. 194—83.)



1. The combination with a shaft, of a check controlled operating means therefor including an arm on the shaft, a check receiving rockable member, means for rocking the member to engage the check with said arm to move said arm and rock said shaft, means for preventing premature retrograde movement of the rocking means, and means operable by the said arm upon assuming normal position for releasing the preventing means upon completion of the stroke of said rockable member.

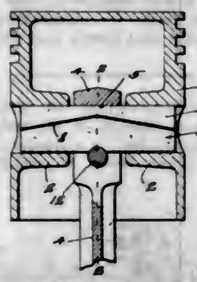
1,623,971. MATRIX-SETTING AND LINE-CASTING MACHINE. DAVID PETRI-PALMEDO, deceased, by Anna Emilie Emma Petri-Palmedo, executrix, Berlin-Charlottenburg, Germany, assignor to Standard Compositor Aktiengesellschaft, Berlin, Germany. Filed Feb. 8, 1924, Serial No. 691,528, and in Germany Feb. 12, 1923. 7 Claims. (Cl. 199—29.)

1. In matrix setting and line casting machines, a matrix collecting conduit having two pairs of parallel and predetermined spaced ledges on opposite walls to arrange the conduit with superposed matrix lug engaging recesses, a fixed matrix receiving support arranged at and spaced from the entrance ends of said conduit recesses, and a switch interposed between said fixed support and conduit



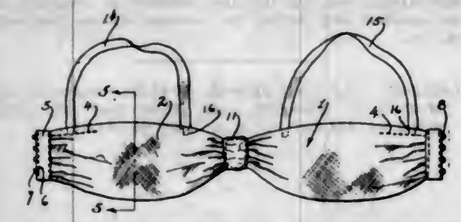
recesses to direct the matrices advanced from said support into the conduit with the lugs thereon to engage either the upper or lower recess in the collecting conduit.

1,623,972. PISTON AND PISTON-PIN CONSTRUCTION. HOWARD W. PIERCE, Butte, Mont., assignor to Louis M. Stellmann, Onondaga County, N. Y. Filed June 12, 1924. Serial No. 719,669. 3 Claims. (Cl. 74—108.)



1. In a piston, the combination of a piston body of a metal having a relatively high coefficient of expansion, the piston body being formed with pin bosses, a piston pin mounted in the bosses, and a connecting rod having a bearing mounted on the pin, the pin being of a different combination of metals from that of the piston, and having the same ratio of expansion as the piston, whereby a constant clearance is maintained between the pin, the pin bosses and the connecting rod bearing at all temperatures.

1,623,973. BUST CONFINER. ESSYE K. POLLACK, New York, N. Y. Filed Oct. 30, 1923. Serial No. 671,666. 1 Claim. (Cl. 2—42.)



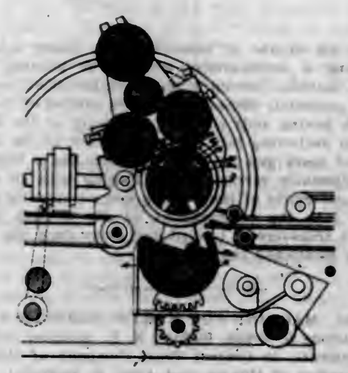
A bust support comprising a strip of material folded longitudinally upon itself along a line lying beyond one side of the median longitudinal dimension of the strip to form a pocket having a relatively broad side wall and a relatively narrow side wall, the folds being gathered transversely at their ends and longitudinally disposed lines of stitching extending inwardly from the gathered end edges of the folds and passing through the narrower fold at the longitudinal free edge thereof, and through the broader folds along lines spaced from and approximately parallel with the free longitudinal edge thereof.

1,623,974. CLAMPING MEANS FOR PRINTING SLUGS AND THE LIKE. CLAUDE L. POST, Chicago, Ill. Filed Oct. 3, 1924. Serial No. 741,427. 9 Claims. (Cl. 101—377.)



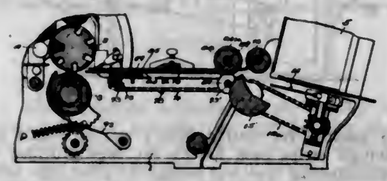
1. In a printing press, a type roll having a longitudinal groove therein and a longitudinal slot at each side of said groove, and means for securing type in said groove consisting of means for engaging the ends of a type slug positioned in said groove, and means cooperating with the said slots at either side thereof for maintaining said retaining means in place, said maintaining means being adjustable longitudinally of the slots.

1,623,975. PRINTING APPARATUS. CLAUDE L. POST, Chicago, Ill. Filed June 18, 1925. Serial No. 38,035. 10 Claims. (Cl. 101—377.)



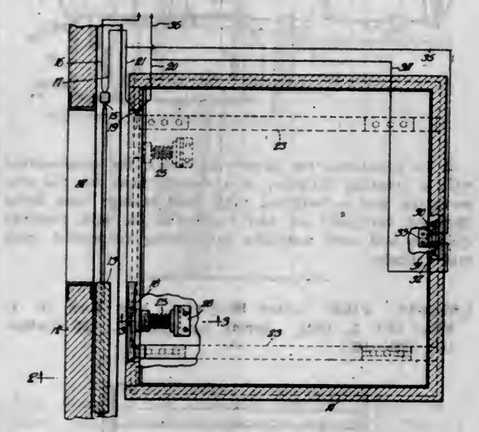
1. The combination with a type roll having a longitudinal type receiving groove therein, of means slidably mounted on the roll and projecting into the groove for holding the type in adjusted positions therein, and means for clamping said last-mentioned means in the adjusted positions.

1,623,976. FEEDING MECHANISM. CLAUDE L. POST, Chicago, Ill. Filed June 18, 1925. Serial No. 38,034. 2 Claims. (Cl. 271—2.)



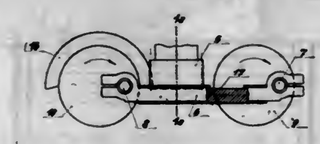
1. In apparatus of the kind described, a magazine for holding a supply of envelopes, means for extending the flaps of the envelopes forwardly, means engageable with the extended flaps for pulling the envelopes from the magazine, means adapted to receive the flaps from said pulling means and to advance them, and means for flexing the envelopes as they enter said advancing means.

1,623,977. ELEVATOR PLATFORM. JOSEPH RICE, Chicago, Ill., assignor to Elevator Company of America, Chicago, Ill., a Corporation of Illinois. Filed July 14, 1926. Serial No. 122,367. 6 Claims. (Cl. 187—29.)



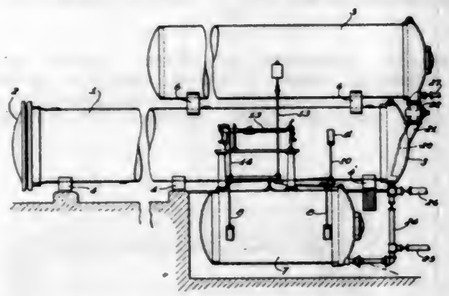
5. A car having a framework, a movable floor carried by said framework, car control mechanism responsive to the position of said floor, means for movably carrying said floor on said framework, said means including a pair of parallel inclined runways and balls interposed between said runway, and a recoil spring tending to move said framework upwardly upon said runway.

1,623,978. DEVICE FOR INTERMITTENTLY DRIVING CIGARETTE-MACHINE SHAFTS. CONSTANTIN FRIEDRICH RÖBER, Dresden, Germany, assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Muller & Co., Dresden, Germany. Filed Aug. 14, 1924, Serial No. 732,105, and in Germany May 19, 1924. 7 Claims. (Cl. 74—14.)
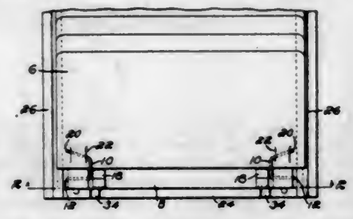


1. In an intermittent motion mechanism, a pinion adapted to be rotated intermittently in one direction, a rack adapted to engage said pinion, means for reciprocating said rack, and for effecting an engagement thereof with the pinion for driving it during the longitudinal movement thereof in one direction, and means carried by the rack operating means for holding the pinion against turning during the movement of the rack in the reversed direction.

1,623,979. WOOD-TREATING APPARATUS. GRANT B. SHIPLEY, Pittsburgh, Pa. Filed June 11, 1926. Serial No. 115,206. 5 Claims. (Cl. 99—12.)



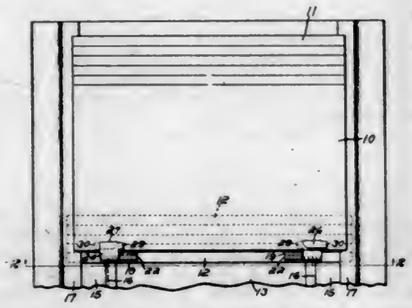
2. In apparatus for preserving wood, the combination with a treating cylinder, of a storage tank for the preservative, and a weighing tank, said storage tank being disposed vertically of and supported on said treating cylinder and said weighing tank being suspended from said cylinder.

1,623,980. FILE. JOHN S. SMALL, New York, N. Y. Filed Oct. 5, 1921. Serial No. 505,643. 25 Claims. (Cl. 129—16.)



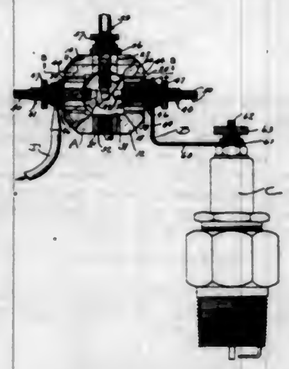
1. In a file, the combination of a frame, a plurality of cards, and a plurality of card holders held by said frame, each holder comprising a bar and attaching means hinged to said bar and secured to the card held by such holder, each holder being adapted to prevent the card held thereby from being detached from such holder without first detaching the latter from said frame.

1,623,981. PAPER FILE. JOHN SANFORD SMALL, Topeka, Kans. Filed Nov. 17, 1924. Serial No. 750,225. 28 Claims. (Cl. 129—16.)



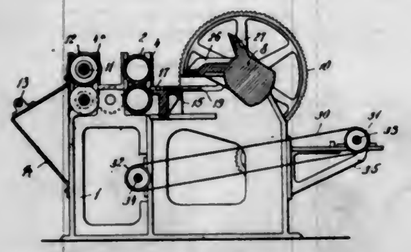
1. In a file, the combination of a sheet having openings, attaching clips extending along one face of said sheet, thence through said openings and thence along the other face of said sheet, a frame, and a support detachable from said frame and affording pivotal support for said clips on said frame and having means preventing removal of said sheet from said clips except by first removing said support from said frame.

1,623,982. SPARK INTENSIFIER FOR ELECTRIC CURRENTS. GEORGE M. SMITH, Cincinnati, Ohio. Filed Oct. 6, 1924. Serial No. 742,026. 9 Claims. (Cl. 175—183.)



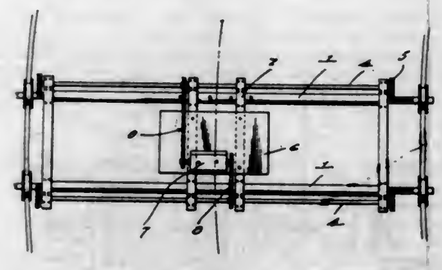
1. As an article of manufacture a spark intensifier comprising a substantially transparent housing of insulation material having a small compartment interiorly thereof, oppositely disposed electrodes carried by the housing each having ends mounted exteriorly of the housing and ends projecting into the compartment of the housing in spaced spark gap providing relation, and a third electrode adjustably carried by the housing with an end extending exteriorly of the housing and an opposite end extending into the compartment of the housing for adjustment transversely toward and away from the gap of the first mentioned electrodes.

1,623,983. MACHINE FOR MAKING SHINGLE STRIPS. ALEXANDER S. SPEER, Buffalo, N. Y., assignor, by mesne assignments, to Central Trust Company of Illinois, a Corporation of Illinois, and Aksel K. Bodholdt, Evanston, Ill., trustees. Filed Feb. 17, 1922. Serial No. 537,327. 7 Claims. (Cl. 164—68.)



1. A machine for cutting from a web of roofing material shingle strips each having one edge provided with spaced reinforcing tabs, and having the other edge notched to provide shingle tabs, with the notches opposite the reinforcing tabs and of greater depth than the length of such tabs, comprising a ledger blade having a cutting edge notched to correspond with the shape of the reinforcing tabs and slotted at the bottom of the notches to form extensions to notches, means for feeding a web of roofing material over the ledger blade, and cutter blades, one blade having its edge shaped to cooperate with the notched edge of the ledger blade, and the other having a straight edge, and means for moving said blades in succession past the ledge blade, thereby to first form the shingle tabs, and to afterwards remove the excess material formed by the slots of the ledger blade.

1,623,984. ROAD MACHINE. SMITH A. STOUFFER, Kingview, Pa. Filed Aug. 31, 1926. Serial No. 132,819. 8 Claims. (Cl. 94—39.)

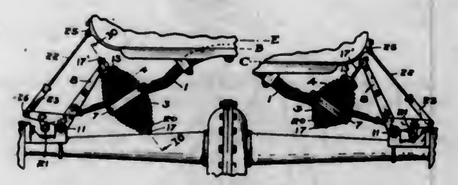


3. In a road machine of the class described, a supporting structure including an axle housing, an axle slidable and rotatable in said housing and forming with longitudinal driving ribs, a driving wheel fixed to the outer end of the axle, a gear meshing with the ribs of the axle, and means for driving said gear.

1,623,985. CONCRETE-BLOCK COMPOSITION. MAXIMILIAN E. VON MACH, Jr., Detroit, Mich. Filed Apr. 13, 1922. Serial No. 552,312. 1 Claim. (Cl. 106—24.)

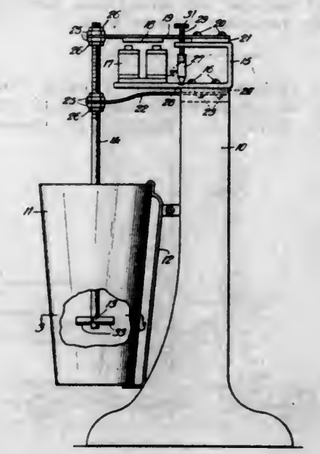
The process of forming a composition of matter which consists in subjecting residue of burned fuel to the action of a mineral acid to remove sulphides, washing the residue of burned fuel to remove the soluble matter and mixing the remaining portion of residue with cement, finely divided wood, lime and plaster of Paris.

1,623,986. SPRING SUSPENSION FOR VEHICLES. FRANK L. O. WADSWORTH, Pittsburgh, Pa. Filed Jan. 20, 1921. Serial No. 438,597. 33 Claims. (Cl. 267—17.)



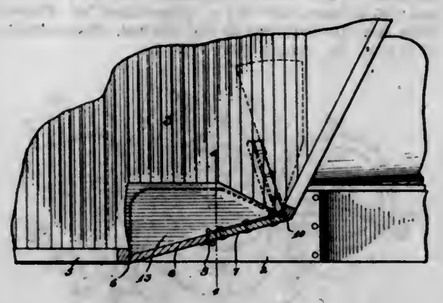
1. A shock absorber organization for vehicles which comprises, a set of counteracting spring units adapted to elastically restrain the movements of the vehicle parts in either direction from normal load position, means for definitely limiting the reflex movement of each unit and thereby preventing it from diminishing the positive restraint action of the other unit, and means for imposing a frictional restraint on the return movement of the said parts from one direction of displacement.

1,623,987. VIBRATOR. LEO J. WAHL, Sterling, Ill., assignor to Wahl Clipper Corporation, Sterling, Ill., a Corporation of Illinois. Filed June 28, 1926. Serial No. 119,049. 8 Claims. (Cl. 259—113.)



1. A device of the character described comprising a support, means associated therewith adapted to carry a receptacle, vertically reciprocable means carried by said support to agitate the contents of said receptacle and a pair of separated horizontally extending springs upon which said reciprocable means is mounted.

1,623,988. BUS BODY. CHARLES H. WHITFIELD, Penn Yan, N. Y. Filed June 24, 1922. Serial No. 570,645. 2 Claims. (Cl. 296—28.)

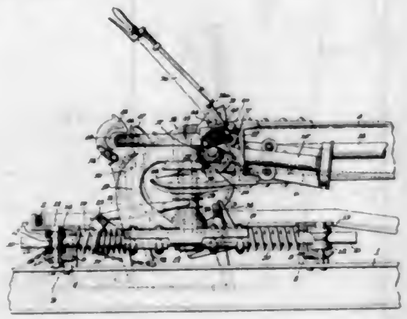


1. In a vehicle, the combination with a lower frame having longitudinally extending beams and a step at one side of one of said beams, of a body having floor boards secured to said beams transversely thereof and projecting beyond the outer sides of said beams to provide resilient portions, said body having vertical walls rising from the resilient portions, one of said walls being provided with a door opening and the floor boards adjacent said door opening having their outer ends spaced from the vertical wall above the step so that passengers may step from the step directly to the floor of the vehicle, a door for closing the door opening in a vertical wall of the body, and a closure for the opening in the floor adjacent said door opening, said closure being controlled by the door.

1,623,989. ICE CONCRETE. VIKTOR WIKKULA, Helsingfors, Finland. Filed Mar. 14, 1924, Serial No. 699,388, and in Finland Jan. 21, 1924. 1 Claim. (Cl. 106—18.)

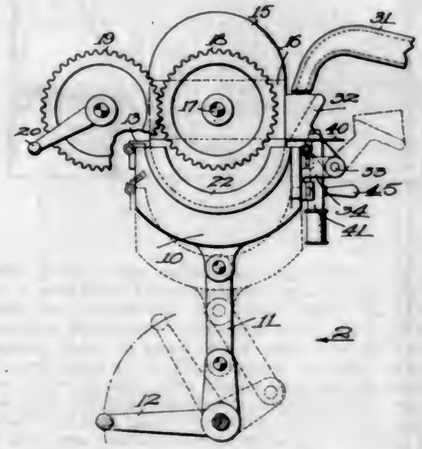
A method of preparing porous building material, which consists in mixing with particles of ice, a rapidly setting hydraulic substance thereby to form an insulating coating on said particles, and mixing said particles into a hydraulically hardening concrete mass.

1,623,990. TRACTOR-TRAILER SAFETY COUPLING DEVICE. SIDNEY B. WINN, Lapeer, Mich. Filed Dec. 8, 1924. Serial No. 754,570. 24 Claims. (Cl. 280—33.1.)



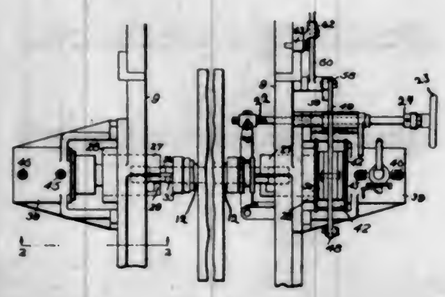
1. A coupling device for a tractor trailer combination, comprising a tractor member, a trailer member swingable down over said tractor member; and means carried by said tractor member adapted to retain said trailer member in a closed coupling position, said trailer member being supported to automatically assume an open uncoupled position when released by said means.

1,623,991. CASTING DEVICE FOR SEGMENTAL PLATES. HENRY A. WISE WOOD, New York, N. Y., assignor to The Wood Newspaper Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Oct. 11, 1919, Serial No. 329,946. Renewed Dec. 27, 1920. 23 Claims. (Cl. 22—2.)



1. The combination with a central member and a plurality of semi-cylindrical cores mounted rigidly on different sides thereof at a material distance apart, of a single semi-cylindrical back for casting printing plates adapted to co-operate with each of said cores, and means for moving said back radially toward and from the cores.

1,623,992. BRAKE FOR WEB-ROLL TENSION DEVICES. HENRY A. WISE WOOD, New York, N. Y., and CONRAD NORDFORS, Jersey City Heights, N. J., assignors to Wood Newspaper Machinery Corporation, New York, N. Y., a Corporation of Virginia. Original application filed Dec. 18, 1914, Serial No. 877,873. Divided and this application filed Jan. 21, 1921, Serial No. 438,828. Renewed Dec. 27, 1926. 12 Claims. (Cl. 188—151.)



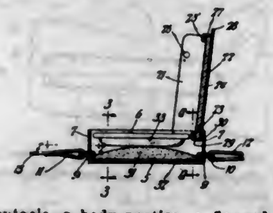
1. In a printing press, the combination with a spindle for a paper roll and a brake pulley rotatable independently thereof, of means rotatable with the brake pulley for connecting it with the spindle and transmitting the motion of rotation of the spindle to the pulley, a pair of brake shoes engaging the surface of said pulley, one of said brake shoes being provided with a spring, and a brake beam engaging said spring to press it inwardly toward the brake shoe whereby a yielding pressure can be applied to the brake pulley through said brake shoe.

1,623,993. HEAT-RETAINING GARMENT. ARVID E. ANDERSON, Chicago, Ill., assignor, by mesne assignments, to Airubber Corporation, Chicago, Ill., a Corporation of Illinois. Filed Sept. 27, 1922. Serial No. 590,985. 4 Claims. (Cl. 9—20.)



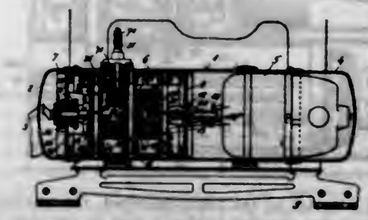
1. A vest-like garment comprising side air pockets formed of two thicknesses of rubberized fabric with the rubber surfaces placed together and vulcanized at the edges and the fabric side forming the outer material of the vest, and a tube connecting the air pockets at the tops and extending about the neck-band of the garment.

1,623,994. VANITY BOX. SAMUEL BUCHSBAUM and HERBERT BUCHSBAUM, Chicago, Ill. Filed July 30, 1923. Serial No. 654,607. 1 Claim. (Cl. 220—31.)



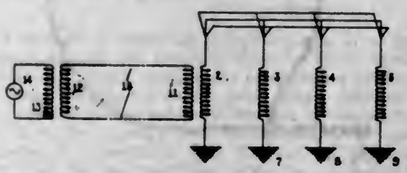
In a receptacle, a body portion, a flanged cover hinged thereto, a mirror, and means for securing said mirror in said lid; comprising opposite pairs of instruck lugs on the flanges of said cover, one pair of said lugs forming recesses for the reception of lugs on said body portion to hinge the cover thereto.

1,623,995. APPARATUS FOR DRIVING TYPEWRITERS PROVIDED WITH CALCULATING MECHANISM. THEODOR EUGEN BÜSCHMANN, Chemnitz-Kappel, Germany, assignor to Wanderer-Werke, vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau, near Chemnitz, Saxony, Germany. Filed July 16, 1924, Serial No. 726,403, and in Germany Nov. 8, 1923. 8 Claims. (Cl. 185—40.)



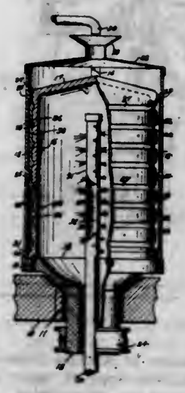
1. A mechanical driving apparatus for typewriters provided with calculating mechanism, comprising a driving motor, a power-storing device for operating the calculating mechanism operatively connected with the said driving motor, in combination with a casing for containing and enclosing said power-storing device with its gear and having a tubular extension for housing the driving motor, driving means for coupling the driving motor up to the power-storing device, said means being capable of coming into engagement when the driving motor is inserted into the tubular extension and of moving out of engagement again when the motor is withdrawn from said extension, means for securing the driving motor in its working position inside the tubular extension, and means for closing the end of the tubular extension.

1,623,996. RADIO TRANSMISSION SYSTEM. PHILIP S. CARTER, New Brunswick, N. J., assignor to Radio Corporation of America, a Corporation of Delaware. Filed June 25, 1923, Serial No. 647,463. Renewed Feb. 12, 1925. 8 Claims. (Cl. 250—17.)



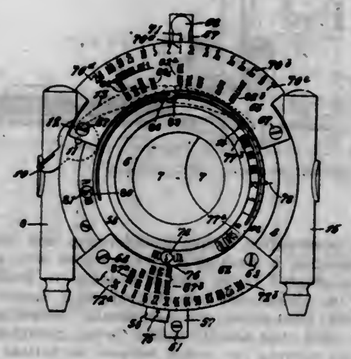
1. In a radio signalling system, the combination of an energy radiating circuit, a source of power for energizing said circuit and a transmission line of electrically infinite length connecting said circuit and said source.

1,623,997. METHOD OF CASTING CURVED AND FLAT STEREOTYPE PLATES. JOSEPH P. CATLIN, Bridgeport, Conn., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Jan. 19, 1922, Serial No. 530,310. Renewed Dec. 27, 1926. 15 Claims. (Cl. 22—65.)



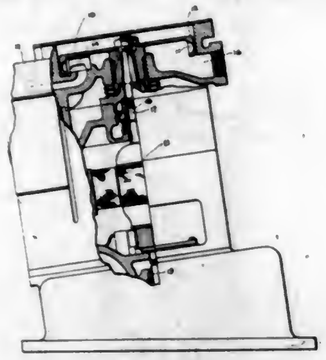
1. The process of forming stereotype plates which consists in placing a matrix in a mold facing inwardly, introducing molten metal into the mold inwardly of the matrix, rotating the mold and matrix at sufficient speed to force the molten metal into the depressions in the matrix by centrifugal action, and continuing such rotation until the metal has set.

1,623,998. PHOTOGRAPHIC SHUTTER. HEREWARD LESTER COOKE, Princeton, N. J., assignor to Cooke Patents Incorporated, New York, N. Y., a Corporation of Delaware. Filed June 22, 1918, Serial No. 241,331, and in Great Britain Mar. 27, 1914. 48 Claims. (Cl. 95—53.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



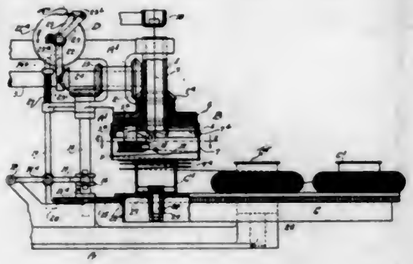
1. In a photographic shutter, the combination of shutter mechanism, control means for varying the speed of operation of the shutter, a rotary member for actuating said control means having logarithmic motion with relation to the speed of the shutter, an adjustable diaphragm, and a rotary member for adjusting said diaphragm having logarithmic motion with relation to the diaphragm aperture.

1,623,999. TURBINE. FRANCIS HODGKINSON, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 27, 1924. Serial No. 758,406. 3 Claims. (Cl. 308—8.)



1. The combination of a rigid frame-work adapted to be secured to a suitable support, upper and lower aligned bearings carried by the frame-work, a spindle fitting the bearings, and a rotor carried by the spindle and arranged above the lower bearing, the axis of the spindle and of said bearings being slightly inclined with respect to the vertical to avoid vibration due to precessional movements and consequent vibration of the spindle with respect to the upper bearing.

1,624,000. MECHANISM FOR AND METHOD OF COILING WIRE OR THE LIKE. FRANK HONIG, Oak Park, Ill., assignor to Cyclo Corporation, Chicago, Ill., a Corporation of Illinois. Filed Mar. 22, 1923. Serial No. 626,833. 7 Claims. (Cl. 242—79.)



1. In combination, convolution-forming and discharging mechanism, a movable carrier equipped with a series of cores adapted to be placed, seriatim in position to receive the discharged convolutions, and means timed with said mechanism for periodically actuating said carrier, said last-named means being provided with means for varying the period between actuations of the carrier.

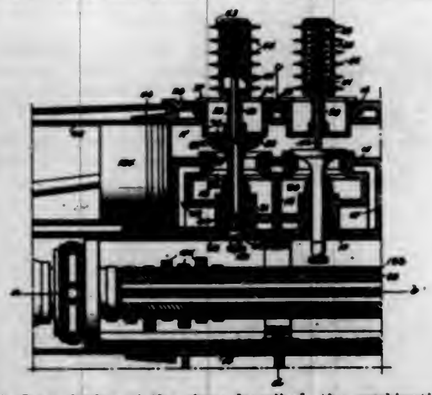
1,624,001. SHANK STIFFENER FOR SHOES. GEORGE A. HURLEY, Rockland, Mass. Filed Apr. 18, 1923. Serial No. 632,990. 6 Claims. (Cl. 36—76.)

3. A shank stiffener for shoes comprising the combination of a base member comprising a ball-supporting portion and having a longitudinally extended raised portion in one face, and a corresponding recessed portion in its opposite face, and a flat, longitudinally-extended, metal re-inforcing plate secured to said base



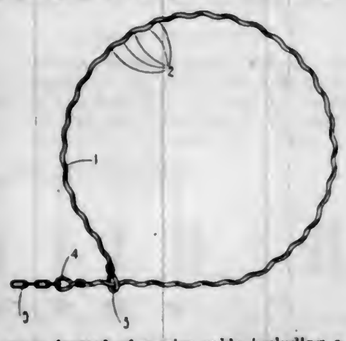
member over said recess and having a lateral forward end-extension disposed over the ball-supporting portion of said base member.

1,624,002. ENGINE-CYLINDER STRUCTURE. ALBERTO LLEO and CLAUDIO BARADAT, Barcelona, Spain; said Baradat assignor to said Lleo. Filed Jan. 15, 1921. Serial No. 437,483. 8 Claims. (Cl. 123—188.)



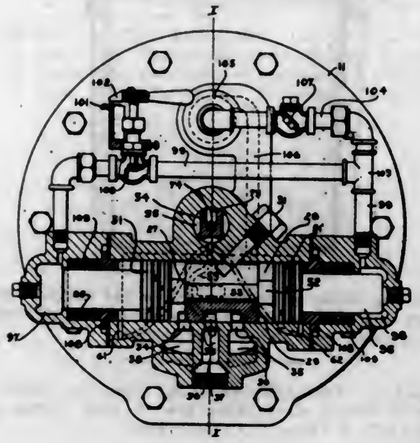
1. In a device of the class described, the combination of an explosive chamber having a port in one side thereof, a valve for controlling said port, said valve provided with a stem, means engaging the stem for guiding the valve to and from its seat, means engaging the stem for moving the valve in one direction off its seat, the side of the valve opposite the stem provided centrally thereof with a recess, a wearing nut positioned in said recess, means for securing the nut clamped to the valve, and a spring pressed plunger bearing on said wearing nut to force the valve onto its seat.

1,624,003. ANIMAL SNARE. ERNEST COE MALIN, Fertile, Saskatchewan, Canada. Filed Mar. 17, 1926. Serial No. 95,412. 6 Claims. (Cl. 43—87.)



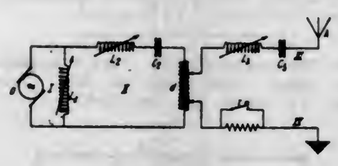
1. A snare formed of a wire cable including a number of strands of wire twisted together, said cable being provided with relatively short curves to render the same obscure.

1,624,004. MECHANICAL STOKER. CHARLES F. MILLER, Moore, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 18, 1923. Serial No. 663,436. 2 Claims. (Cl. 121—151.)



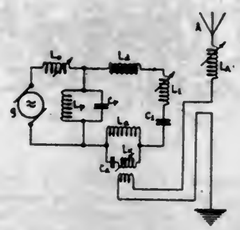
1. In a stoker engine, in combination, a power cylinder, a valve for controlling the supply of motive steam to the cylinder, means for operating said valve hydraulic chambers operatively associated with the valve for governing the movements of the same, means for supplying steam to the engine, means for condensing a quantity of said steam and for delivering the condensate to the hydraulic chambers, and means for preventing a back-flow of the condensate into the steam supply means.

1,624,005. METHOD OF WIRELESS SIGNALING. MENDEL OSNOS and LEO KASARNOWSKY, Berlin, Germany, assignors to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a Corporation of Germany. Filed Jan. 12, 1923, Serial No. 612,283, and in Germany Jan. 12, 1922. 3 Claims. (Cl. 250—17.)



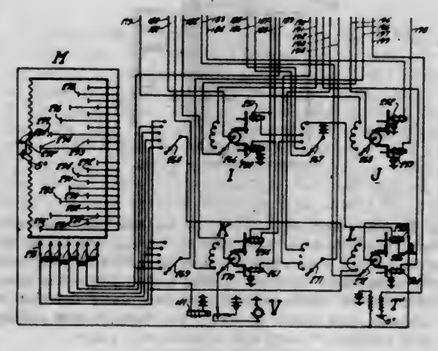
1. A method of producing even harmonics of a basic frequency without the superimposition of direct current by means of a circuit arrangement comprising a saturated iron choke coil, and a tuned path, which consists in conducting the desired harmonic into the correspondingly tuned path, the capacity and inductance of the tuned path being so proportioned that the resulting impedance of the path has an essentially capacitive character for the frequency of the desired harmonic so that current of such frequency will advance with respect to its eletromotive force, thereby causing the current to be strengthened and to suppress waves of other frequencies.

1,624,006. CIRCUIT ARRANGEMENT FOR HIGH-FREQUENCY SENDING STATIONS. MENDEL OSNOS, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Hallesches, Berlin, Germany, a Corporation of Germany. Filed Feb. 17, 1923, Serial No. 619,739, and in Germany Feb. 18, 1922. 6 Claims. (Cl. 250—17.)



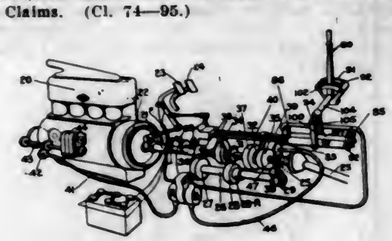
1. A circuit arrangement for high frequency sending stations comprising a generator, an iron core choke coil and an inductance coil connected in series, a condenser connected in parallel with the generator and in series with the iron core choke coil and the inductance coil so as to provide a loading branch circuit, an antenna coupled with said loading branch circuit and a tuning element separate from the condenser for promoting the development of harmonics of the desired frequency in the loading branch circuit, said condenser serving also as a protection for the generator against the harmonics.

1,624,007. AUTOMATIC TELEPHONE SYSTEM. ARTHUR J. RAY, Chicago, Ill.; FRED T. MADSEN, Green Bay, Wis.; and HERBERT F. OBERGFELL, River Forest, Ill., assignors, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Jan. 11, 1921. Serial No. 436,559. 35 Claims. (Cl. 179—17.)



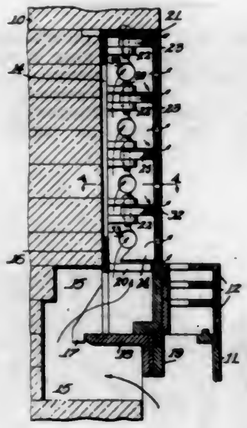
35. In a telephone system, an automatic switch, a party line, means for operating said switch to connect with said party line, signalling selecting means operable in accordance with a plurality of digits after said switch is operated, and means for testing said party line after said signalling selecting means is operated.

1,624,008. CHANGE-SPEED GOVERNOR. CHESTER S. RICKER, Indianapolis, Ind. Filed Jan. 21, 1916, Serial No. 73,313. Renewed Feb. 9, 1920. Serial No. 357,848. 50 Claims. (Cl. 74—95.)



1. In combination, two separately rotatable parts which may be moved into intermeshing engagement, means for moving said two parts relatively to each other to produce such intermeshing engagement, mechanism responsive to the speed of each of said two parts, and means controlled by said two speed-responsive mechanisms for preventing such relative movement to produce such intermeshing engagement save when the speeds of such two parts are equal.

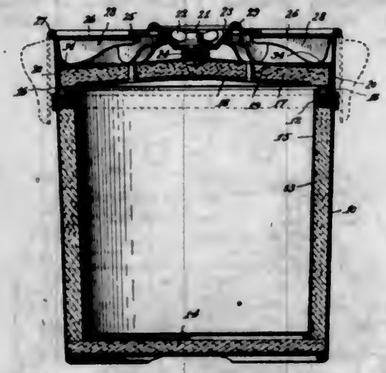
1,624,009. FURNACE-WALL CONSTRUCTION. ROBERT SANFORD RILEY, Worcester, Mass., assignor to Riley Stoker Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed Sept. 9, 1921. Serial No. 499,508. 6 Claims. (Cl. 110—75.)



1. In an underfeed furnace, in combination, underfeed retorts, tuyère plates therebetween, tuyère side blocks for said furnace, a side wall, a frame supported thereby, wall plates detachably secured to said frame above the plane of said tuyère blocks, said frame and plates defining an air passage, and means to supply air through said passage to said furnace through and around said plates.

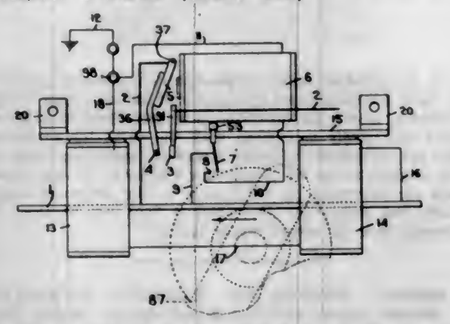
1,624,010. FOOD RECEPTACLE. MICHAEL A. ROLLMAN, Mount Joy, Pa. Filed Jan. 6, 1923. Serial No. 611,070. 5 Claims. (Cl. 220—9.)

1. A food container consisting of an outer metallic vessel, an inner metallic vessel, a cover fitting within the outer vessel and adapted to close the inner vessel, devices for locking the cover in place, and means for completely insulating the inner vessel from all metallic contact with the outer vessel, said means embodying a



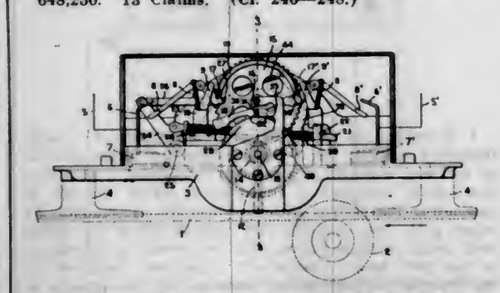
cork ring fitting between the vessels and having a seat in an annular groove in one of the vessels formed therein at a distance from the top edge thereof.

1,624,011. TROLLEY SWITCH. JOHN J. RUDDICK, West Newton, Mass. Filed Feb. 16, 1923. Serial No. 619,497. 8 Claims. (Cl. 246—249.)



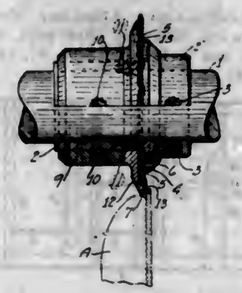
1. In a device of the class described, the combination with a magnet and a normally-open circuit therefor, of a circuit-closing device in the circuit comprising a magnetically-sensitive member responsive to the magnetic attraction exerted on it by a passing body, and an electromagnet for holding said member in suspended position, said member when so attracted operating to close the circuit.

1,624,012. TROLLEY SWITCH. JOHN J. RUDDICK, West Newton, Mass. Filed June 28, 1923. Serial No. 648,250. 13 Claims. (Cl. 246—248.)



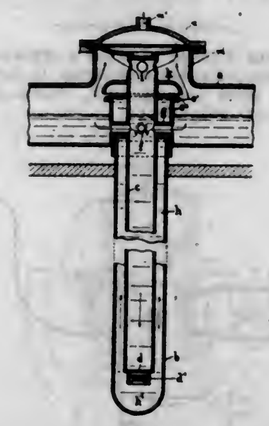
1. In a trolley switch, the combination with a trolley-actuated pendulum member, of a circuit-closing contact, operative connections between said pendulum member and contact by which a trolley-actuated movement of the former gives the latter a circuit-closing movement, and an escapement device frictionally connected to said connections and constructed to permit a quick trolley-actuated movement of the pendulum member while retarding the return movement thereof.

1,624,013. STITCH REMOVER. LEO SCHILDKNECHT, St. Louis, Mo., assignor to Landis Machine Company, St. Louis, Mo., a Corporation of Missouri. Filed July 17, 1925. Serial No. 44,293. 8 Claims. (Cl. 12—17.)



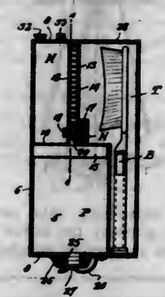
1. A rotating stitch removing tool comprising a member having a plurality of teeth integrally formed on one face and arranged in a circle thereon, and a separately formed perforated disk having a smooth work supporting edge and secured to said member with the teeth of said member projecting through the perforations in said disk.

1,624,014. APPARATUS FOR VAPORIZING LIQUIDS. ADOLF SCHNEIDER, Kelheim-on-the-Danube, Germany, assignor to Niederbayerische Cellulosewerke, Kelheim-on-the-Danube, Germany, a Corporation of Germany. Filed Apr. 8, 1925, Serial No. 21,599½, and in Germany Apr. 11, 1924. 2 Claims. (Cl. 122—305.)



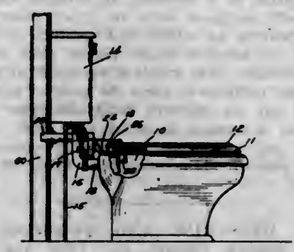
1. An apparatus for vaporizing liquids, comprising a tubular receptacle having a closed bottom, a feeding pipe within said receptacle and extending to a point near the bottom of said receptacle, means to supply liquid to said feeding pipe, a check-valve positioned to prevent back-streaming of liquid within the said feeding pipe, and means for heating said receptacle.

1,624,015. ORAL KIT. WILLIAM THEODORE SCHOLL, Oakland City, Ind. Filed May 13, 1926. Serial No. 108,837. 1 Claim. (Cl. 132—84.)



A device of the class described including a casing formed with a pair of sides, a pair of ends, and a pair of edges, partitions in the casing one extending from one edge between the sides, another extending from one end between the sides of the inner end of the first mentioned partition for forming a tooth paste compartment, a plunger in said compartment, means for operating the plunger, a partition rising from the first mentioned partition between the sides to the other end to form a mouth wash compartment, a tooth brush containing compartment, and a perforated plate closure for the tooth paste compartment.

1,624,016. VENTILATING APPARATUS. ANTHONY G. SCHUCK, Los Angeles, Calif. Filed Apr. 8, 1926. Serial No. 100,728. 1 Claim. (Cl. 4—214.)



In combination with a closet bowl having a flush pipe therefor and a lid pivotally connected to said bowl, a ventilating apparatus comprising a conduit for exhausting gases from said bowl, a suction fan at the outer end of said conduit, an exhaust outlet pipe for said fan, a shaft for said fan, a rotor mounted on said shaft, a water supply pipe for said rotor, a valve in said water supply pipe, a casing enclosing said rotor, a discharge pipe for said casing connected into the flush pipe of said bowl, a gasket on said discharge pipe, means for clamping said discharge pipe to said flush pipe, said clamping means engaging said gasket to form a water-tight joint between said discharge pipe and said flush pipe, and means whereby said valve is connected to said lid whereby raising said lid operates said valve to deliver water to said rotor.

1,624,017. TOASTER. CARL E. SHIELDS, Rock Island, Ill. Filed May 2, 1923. Serial No. 636,061. 5 Claims. (Cl. 53—5.)

1. A toaster comprising a heating element, a fixed supporting member adjacent the base of said heating element, a movable supporting member normally positioned in substantially parallel relation with said heating element and engaging said fixed supporting member for

limited movement toward and from said heating element, a carrier movable to and from said heating element, and



means operatively connecting said carrier and movable supporting member whereby the latter is actuated transversely of said fixed supporting member.

1,624,018. AIR-OPERATED DEVICE. HARRY SLATER, Hawthorne, Calif. Filed Jan. 5, 1925. Serial No. 532. 3 Claims. (Cl. 46—14.)



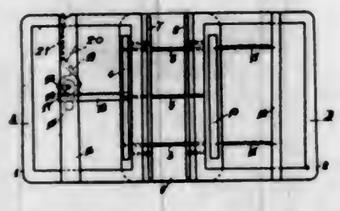
1. In an air operated device adapted for special use in connection with the radiator cap of a motor vehicle, the combination of a manikin, an integral single length vertical shaft equipped with an upper reduced end to provide a bearing on which said manikin is adapted to be rotated, an integral single length piece of material extending through said manikin equipped with reversely bent external portions to form the arms of said manikin, a hollowed out air operated hand associated with each of said arms, a member on which said shaft is revolubly positioned, and an element externally embracing said member to prevent said manikin from flying off by centrifugal action.

1,624,019. MEASURING AND WEIGHING DEVICE. VINCENT SLEZAK, Chicago, Ill. Filed Aug. 14, 1922. Serial No. 581,653. 4 Claims. (Cl. 194—1.)



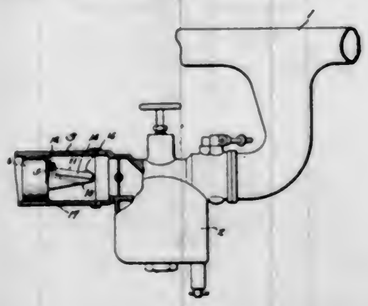
1. A height-measuring device of the character described including a substantially vertically disposed mirror, said mirror having vertically-spaced-apart sight openings therein, a member having height indications thereon positioned adjacent to said sight openings and being mounted for movement to disclose said height indications through said sight openings and for movement out of such disclosing position, coin-controlled means for causing said member to move so as to disclose said indications through the sight openings when the device is in use, said indications being so arranged that the one thereof which is substantially opposite the eyes of a person standing before said mirror indicates substantially the person's height, and means for moving said member to carry said indications out of such disclosing position when the device is not in use.

1,624,020. LOOSE-LEAF LEDGER. CHARLES STOCKMANS, Antwerp, Belgium. Filed Sept. 8, 1925, Serial No. 55,095, and in Belgium Sept. 17, 1924. 2 Claims. (Cl. 129—41.)



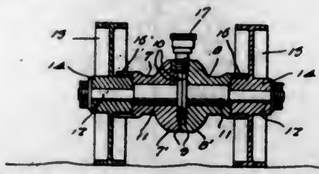
1. In a loose-leaf ledger, the combination with two cover-frames, one with a transverse flat bar movable therein, and extensible back and a series of parallel straps having one end secured to one of the cover frames and their other attached to the movable flat bar within the other cover frame, of a rack extending at right angles and secured at one end to said movable bar; an intermediate frame-member mounted on the cover-frame in close proximity to said rack; a pinion in engagement with said rack secured on a shaft rotatably mounted on said intermediate frame-member and capable of being rotated from the outside by means of a key; a ratchet wheel integral with said pinion; a spring-influenced pawl normally tending to remain in engagement with said ratchet wheel; and means operable from the edge of the corresponding frame cover for disengaging said pawl from said ratchet wheel, substantially as described.

1,624,021. AIR VALVE. THOMAS J. STOKES, Jefferson, Tex., assignor of one-half to Horace O. Nelson, Jefferson, Tex. Filed Apr. 24, 1926. Serial No. 104,503. 2 Claims. (Cl. 251—125.)



2. In a device of the class described, a partition adapted for mounting in an air intake of a carburetor, the partition having an opening, a reduced trough-shaped member carried by the partition and extended part-way around the opening, a gravity valve and means for mounting the valve for hinged movement, the valve constituting a closure for the upper part of the trough-shaped member, that end of the trough-shaped member which is adjacent to the free end of the valve being open when the valve is closed.

1,624,022. PRESS-WHEEL BOXING FOR GRAIN DRILLS. ANDREW M. STRECKER, Phroso, Okla. Filed Feb. 12, 1926. Serial No. 87,847. 2 Claims. (Cl. 308—16.)



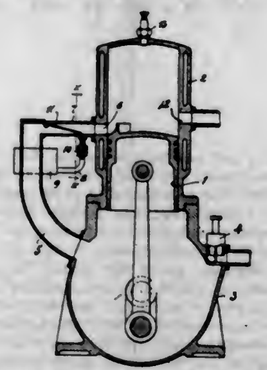
1. In a boxing, a pair of complementary axle housing sections secured together at their inner ends, axles extending through the respective sections, press wheels on the outer ends of the axles, disks carried by the inner opposed ends of the axles, the inner opposed faces of the housing sections having circular depressions formed therein in which said disks are rotatable, an apertured lug extending laterally from the inner end of one of the axle housing sections, the adjacent portion of the inner end of the other housing section being cut out to receive said lug, and a grease cup supported in the apertured lug and adapted to communicate with said circular depressions.

1,624,023. EQUALIZATION OF TRANSMISSION. MAURICE E. STRIEBY and CHARLES H. FETTER, Millburn, N. J., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 27, 1926. Serial No. 98,000. 5 Claims. (Cl. 178—44.)



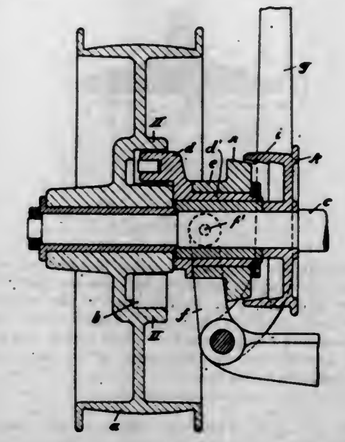
1. A transmission system comprising a pair of transmission lines, each terminated at one end in a terminal impedance, an attenuation equalizer for each line connected thereto at the opposite end, and means to directly connect the ends of said lines at which the attenuation equalizers are located.

1,624,024. FUEL-FEEDING DEVICE OF INTERNAL-COMBUSTION ENGINES. OSKAR SVENSSON and GUSTAF SVENSSON, Dagloesen, Sweden. Filed Mar. 17, 1923, Serial No. 625,815, and in Germany Apr. 18, 1922. 2 Claims. (Cl. 123—73.)



2. In an internal combustion engine of the two stroke cycle system, having a channel extending from the crank chamber to the cylinder and an inlet for the fuel leading to the said channel, a mixing chamber forming part of the channel and having a substantially plane and substantially horizontal bottom and further a great width, the chamber thus operating as surface carburetor in association with a throttle baffle member located in the said channel and directing the air, passing from the crank chamber toward the fuel spread on the bottom of the mixing chamber.

1,624,025. CLUTCH. KARL TESSKY, Esslingen-on-the-Neckar, Germany. Filed June 30, 1925, Serial No. 40,651, and in Germany July 21, 1924. 2 Claims. (Cl. 192—18.)



1. Clutch comprising a shaft, a driven part loose on said shaft, an annular slide secured against rotation and adapted to connect said driven part and said shaft, a brake disc on said slide and a brake drum on said shaft adapted to cooperate with said disc.

1,624,026. STERILIZING AND WASHING MACHINE. LOUIS F. UTZ, Hamilton, Ohio, assignor to The Freiberg-Simrall Company, Hamilton, Ohio, a Corporation of Ohio. Filed Sept. 20, 1921. Serial No. 502,026. 3 Claims. (Cl. 141—7.)



1. In a machine of the character described, the combination of a casing, water tanks therein, spray heads located above the tanks, and means for forming compartments of the space above the tanks comprising depending screens formed of metallic plates hinged together and secured to the casing so as to depend and act as a curtain.

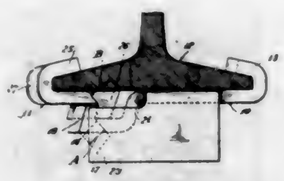
1,624,027. WIRE-DRAWING DIE. FREDERICK VOLLMER, Cranford, N. J. Filed Jan. 16, 1926. Serial No. 81,676. 7 Claims. (Cl. 205—29.)



1. A diamond die for drawing wire having, in combination, a perforated wire-drawing diamond provided with a

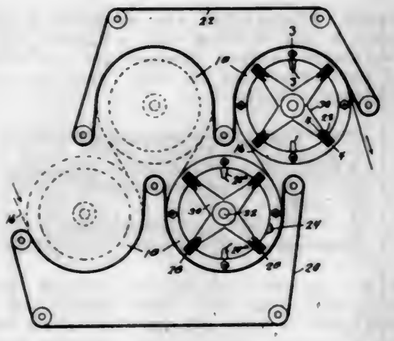
smooth taper on its periphery, and a block of hard and strong metal having therein a tapering hole which fits the taper on the diamond and into which the tapered diamond has been wedged to reinforce the diamond.

1,624,028. RAIL ANCHOR. HAROLD G. WARR, Park Ridge, Ill., assignor to The P & M Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 31, 1925. Serial No. 6,099. 25 Claims. (Cl. 238—325.)



1. A rail anchor comprising rail gripping members provided with coengaging wedging surfaces so disposed that movement of one member with relation to the other effects a grip of said members on opposite edges of the rail, one of said members being formed of sheet metal and adapted to exert pressure at the extremity of its said wedging surface against a cross tie.

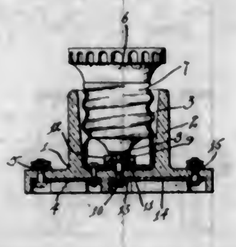
1,624,029. PAPER MAKING. WILLIAM A. WHITCOMB, Dedham, Mass., assignor to Great Northern Paper Company, Millinocket, Me., a Corporation of Maine. Filed Feb. 28, 1925. Serial No. 12,414. 17 Claims. (Cl. 34—48.)



1. The method of drying a wet paper sheet which consists in conducting through it an electric current of such value as directly to heat and evaporate moisture in the sheet.

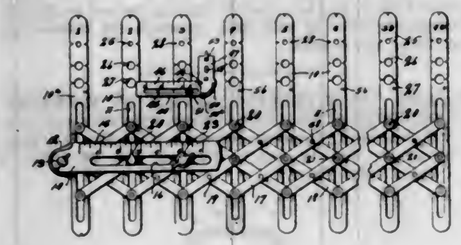
1,624,030. FUSE PLUG AND RECEPTACLE. ROY H. WILLIAMS, Evansville, Ind. Filed Apr. 6, 1925. Serial No. 21,065. 1 Claim. (Cl. 200—119.)

A device of the character described comprising a fuse plug having a central contact member, said contact member having a projection extending therefrom, an enlarged head composed of insulating material for said fuse plug, a receptacle for said fuse plug adapted to be secured to a switch box, a central contact member for said



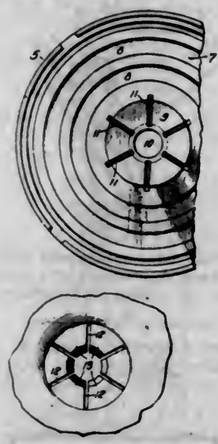
receptacle, said contact member having transversely extending prongs forming a cross-shaped head, and insulating means surrounding said cross-shaped head of the central contact member in said receptacle, except for a space just sufficiently large to permit the introduction of said projection on the fuse plug contact member therethrough, said insulating means having openings equally spaced between said prongs for permitting the central contact member of said receptacle to be removed therefrom without the necessity of removing said receptacle from the switch box.

1,624,031. DIVIDING AND SPACING INSTRUMENT. HARRY ADLER, Melville, Johannesburg, South Africa, assignor of one-third to Frank Albert Baker, Melrose, Johannesburg, South Africa. Filed Mar. 14, 1925. Serial No. 15,582. 8 Claims. (Cl. 33—108.)



1. A dividing and spacing instrument including a series of crossed bars, each bar being pivoted at its ends and intermediate its ends to a plurality of intersecting bars to thus provide a lazy-tongs, the middle series of pivots having outwardly projecting studs and the end pivots having outwardly projecting studs, a scale having a longitudinal slot through which the middle series of studs pass, a plurality of parallel point-indicating rods extending at right angles to said scale and with which the end pivots of the lazy-tongs have sliding engagement, means disposed in connection and movable with one of said rods for indicating on the scale the space between any two rods, and clamping means engaging one of said studs and the scale, for holding the instrument and the scale in adjusted position.

1,624,032. INNER DISK FOR DISK CRUSHERS. CHARLES B. ANDREWS, High Bridge, N. J., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J., a Corporation of New Jersey. Filed June 5, 1925. Serial No. 35,169. 2 Claims. (Cl. 83—8.)



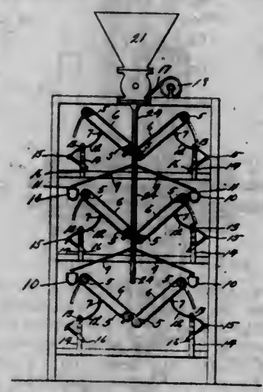
1. An inner disk for crushing machines of the disk action type having a centrally apertured integral flat center with panels ranging radially thereof to provide alternate thick and thin metal sections whereby sufficient resiliency is established to relieve the strain on the anchoring means.

1,624,033. WEED KILLER. WILBUR DEAN BARNARD, Neenah, Wis. Filed Oct. 17, 1925. Serial No. 63,074. 1 Claim. (Cl. 47—49.)



A weed destroyer comprising an elongated barrel adapted to contain a destructive liquid, a reciprocatory rod mounted within said barrel and projecting from its upper end, an operating handle carried by said rod, a spring urging said rod downwardly, a tip carried by the lower end of said barrel and having a contracted apertured lower end, a packing interposed between a portion of said tip and the lower end of said barrel, a measuring plunger connected to the lower end of said rod and adapted to reciprocate within said packing, said measuring plunger having apertures formed therein and adapted to be filled with the destructive liquid from the interior of said barrel when located above said packing during the upward reciprocation of said plunger, and to deliver such liquid to the interior of said tip upon the downward reciprocation of said plunger, a shoulder formed inside said tip, a valve carried by said measuring plunger, and adapted to contact with said shoulder when said measuring plunger is in its lowermost position, and a pointed end projecting from said measuring plunger and adapted to be projected through the lower end of said tip or withdrawn into said tip.

1,624,034. SEED-CLEANING MACHINE. ALBERT BLEAM, Clarksville, Mich. Filed June 25, 1925. Serial No. 39,538. 4 Claims. (Cl. 209—114.)



1. A seed cleaning machine comprising a frame, a plurality of inwardly and downwardly inclined endless conveyors, said conveyors inclining longitudinally in relation to the frame, means for discharging seed onto the upper side portions of the conveyors, means for simultaneously operating said conveyors, downwardly and outwardly inclined deflecting plates between the conveyors, scrapers cooperating with the undersides of the conveyors above the deflecting plates and troughs suspended below the outer ends of the deflecting plates.

1,624,035. LINING FOR BRAKE BANDS AND SHOES. JOHN G. BOWMAN, Kansas City, Mo., assignor of one-half to William C. Haseltine, Kansas City, Mo. Filed July 3, 1925. Serial No. 41,430. 2 Claims. (Cl. 188—249.)



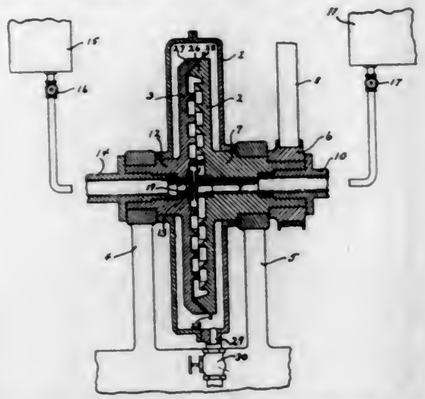
1. A replacement lining for brake bands and shoes comprising a friction facing material, and exceedingly thin metal securing elements extended laterally therefrom adapted to be bent backwardly upon a band or shoe by the use of the hands alone, whereby a lining may be secured in place without the use of an implement.

1,624,036. METHOD OF PRODUCING AN EDIBLE PROTEIN PRODUCT. JOHN W. M. BUNKER, Belmont, Mass., assignor to American Protein Corporation, Boston, Mass., a Corporation of Massachusetts. Filed June 19, 1925. Serial No. 38,341. 10 Claims. (Cl. 99—11.)

8. That step in the method of producing an edible protein product which consists in treating blood serum substantially free from fibrin and red corpuscular matter with a solvent of organic fats of a character to dissolve out fatty substances and traces of fibrin, if present without forming a by-product objectionable from a food standpoint, and separating the solvent solution from the serum.

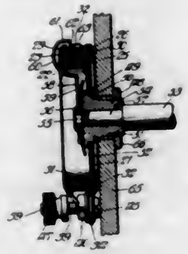
9. That step in the method of producing an edible protein product which consists in treating blood serum substantially free from fibrin and red corpuscular matter with carbon tetrachloride to dissolve out fatty substances, and separating the carbon tetrachloride solution from the serum.

1,624,037. APPARATUS FOR DEFLOCCULATING AND EMULSIFYING. EDWARD A. BUTLER, Buffalo, N. Y., assignor to Colloidal Equipment Corporation, New York, N. Y., a Corporation of New Jersey. Filed Apr. 30, 1925. Serial No. 26,909. 4 Claims. (Cl. 259—96.)



1. Apparatus for deflocculation, emulsification, or disintegration comprising a chamber, a rotor closing one side thereof, recessed annular projections extending into said chamber from its opposite sides, the recesses at one side of said chamber being inclined oppositely to those at the other side thereof.

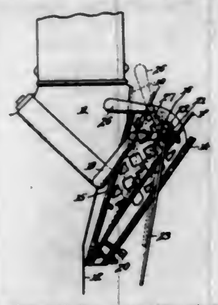
1,624,038. RHEOSTAT. ALVA J. CARTER, Chicago, Ill., assignor to Carter Radio Company, Chicago, Ill., a Corporation of Illinois. Filed July 2, 1925. Serial No. 41,120. 16 Claims. (Cl. 201—55.)



6. In a device of the character described, a winding, and means for supporting said winding comprising a pair of annular members having laterally extending flanges one fitting inside the other to provide an annular seat for said winding, side flanges to provide an annular groove, an annular insulating member between said seat and said winding, and ring like insulating members between said side flanges and said winding.

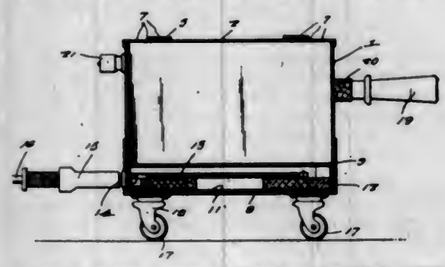
1,624,039. AUTOMATIC REGULATOR. LESLIE DANA, St. Louis, Mo. Filed June 4, 1926. Serial No. 113,696. 9 Claims. (Cl. 336—16.)

1. A regulator for stoves, furnaces and the like, having check and draft dampers, comprising an operating arm associated with one of said dampers, a flexible thermostat element positioned to engage said arm, means connecting said dampers for simultaneous operation, and



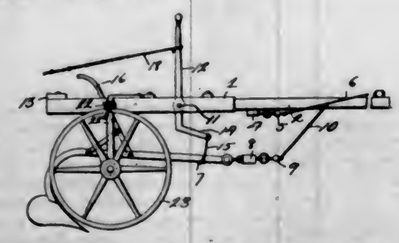
latch means positioned for engagement with said arm for locking said thermostat element in a position where it will be ineffective to control said dampers.

1,624,040. CORN POPPER. JAMES E. DEMPSEY and LEROY E. BURTON, Johnston City, Ill. Filed Dec. 21, 1925. Serial No. 76,690. 1 Claim. (Cl. 219—19.)



A wheeled corn popper of the class described comprising in combination, an open top receptacle, a cover therefor, an open top casing, the lower edges of the receptacle adapted to rest on the upper edges of the open top casing, angular securing brackets at the corners of the casing and the receptacle on the outer side thereof for securing the same together providing a unitary structure, an insulated block arranged within the casing, electrical heating units mounted on the block, the terminals for the electrical heating units projecting outwardly through one end of the casing, surface engaging rollers carried by the bottom of the casing, and a handle secured on one end of the receptacle for facilitating the reciprocatory movement thereof.

1,624,041. PLOWING DEVICE. JOHN P. DERRICK, Carmine, Tex. Filed Apr. 24, 1925. Serial No. 25,543. 1 Claim. (Cl. 97—82.)



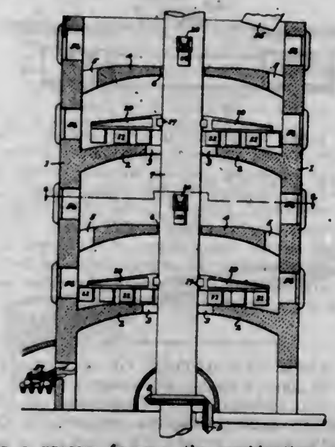
The combination with a wheel supported frame, draft means carried by said frame and including traces, of a plow disposed below said frame and between the wheels thereof, a double tree connected to the forward end of the plow, single trees carried by said double tree, flexible connections between the single trees and the traces, a lever carried by the wheel supported frame, a flexible connection between said lever and the plow adjacent its forward end, a seat carried by the rear end of the frame, said plow being provided with upwardly extending handle members extending through the frame and terminating adjacent the seat, said handle members in combination with the weight of the forward end of the plow and the double tree forming means whereby said plow may be controlled during a plowing operation.

1,624,042. RADIATOR COVER. CHARLES F. DUGGINS, Richmond, Va. Filed Mar. 20, 1926. Serial No. 96,282. 1 Claim. (Cl. 45—68.)



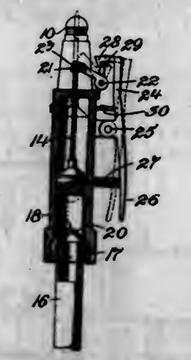
A radiator cover comprising a rectangular top; two sides fixed, at one end of each, to said top at the opposite ends thereof, and having their free ends recessed to form feet adapted to rest on a floor; a cross brace parallel to said top and spaced above the recessed ends of said sides and having its opposite ends fixed to the rear edges of said sides; a back fixed to said brace and the rear edge of said top; said sides having their opposed faces similarly rabbeted at their front edges to form a seat for a removable front, and the top having a groove in its lower face of the same width as the rabbets in said sides; a front, of the same thickness as the width of said groove and rabbets, removably positioned with its top in said groove and with its sides seated in said rabbets and having its bottom end recessed to form feet adapted to rest on said floor when the front is seated in said groove and rabbets.

1,624,043. FURNACE. FRANK A. FAHRENWALD, Chicago, Ill. Filed Jan. 13, 1926. Serial No. 80,960. 11 Claims. (Cl. 263—26.)



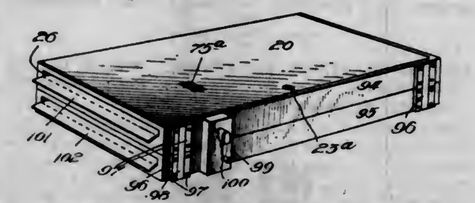
1. In a process furnace, the combination with rabble arms of a driving member to which said arms are attached, such attachment including pivoting provisions and a frangible element normally securing the parts against pivoting movement but adapted to yield upon excessive stress.

1,624,044. SAFETY GAS VALVE. CLIMACO FERRARI, Newark, N. J. Filed May 20, 1926. Serial No. 110,334. 2 Claims. (Cl. 67—115.)



1. A gas valve comprising a casing, a tapered inlet gasket at the bottom of the casing, the casing having an outlet at the side, a hollow piston fitting the casing and extending over the outlet when the piston is down and also forming a tight fit on the gasket, a stem on the piston and extending through the top of the casing, a lever pivoted to the side of the casing and having a handle on one end and a nose on the other end, and a latch having a recess to receive the end of the stem to hold it down and having a finger under the nose of the lever to release the latch from the stem.

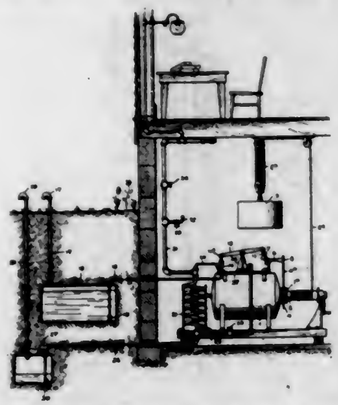
1,624,045. BALLOTING SYSTEM AND THE LIKE. JOSEPH B. FISCHER, Chicago, Ill. Filed June 4, 1925. Serial No. 34,815. 9 Claims. (Cl. 211—8.)



1. A ballot issuing box comprising, in combination, a suitable rectangular enclosure having a cover hinged to one side and a ballot slot formed in one end, a platform hinged to the other end of the interior of the enclosure, spring means for forcing the free end of the platform upwards toward the slotted opening, a series of ballot aligning guides adjustably secured to the platform for aligning a stack of ballots of selected size thereon in proper position with respect to the slotted opening, a friction roller journaled to the inside face of the cover in position to make contact with the topmost ballot of the stack when the platform is raised by the springs aforesaid, counting means carried by the under side of the cover and having a numerical index visible through the cover, stamping means carried by the inside face of the cover in position to impress selected characters on the topmost ballot of the stack, means for actuating both the counting mechanism and the printing mechanism harmoniously with the feeding rotations of the roller, means in conjunction with the roller shaft operative effectively to depress the platform against the springs at the completion of each roller revolution, and means for actuating the roller comprising a handle removably inserted through

the wall of the enclosure and having locking means operative effectively to lock the handle against further rotation at the end of each revolution thereof, substantially as described.

1,624,046. METHOD OF MAKING AIR GAS. HANS FOERSTERLING, Jamesburg, N. J. Filed Mar. 28, 1925. Serial No. 19,167. 10 Claims. (Cl. 48—219.)



10. The method of making an air gas from an inflammable volatile liquid possessing a vapor tension insufficient to form with air at low pressure an ignitable gas, which comprises mixing such volatile inflammable liquid with another volatile inflammable liquid possessing a vapor tension sufficient to form with air an ignitable gas containing a deficit in oxygen content for complete combustion in such proportion that the total amount of oxygen contained in the air gas resulting from such mixture is not greater than required for the complete combustion of the combustible constituents of such liquid mixture, vaporizing such liquid mixture with air at low pressure, and regulating the amount of air accordingly.

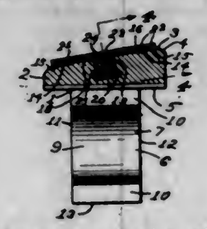
1,624,047. BATTERY CONNECTION. WILLIAM E. GILL, Lake Geneva, Wis. Filed June 19, 1922. Serial No. 569,299. 2 Claims. (Cl. 173—259.)



1. A battery connection, comprising a cable terminal providing a socket for the reception of a cable and a pair of projections extending laterally in spaced relation from said socket and provided with aligned openings for the reception of a battery stud, an eye bolt, the eye of which is adapted to be disposed between said members in alignment with said openings and the shank of which projects radially outwardly between said members, said eye bolt being angularly adjustable about the battery stud and relatively to said terminal, and a nut threaded on said bolt to detachably clamp the connection to said stud.

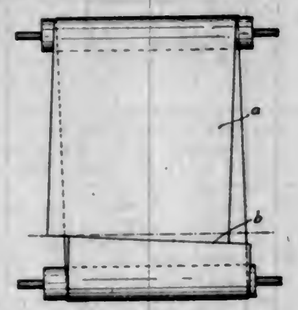
1,624,048. MEMORIAL TABLET. JOHN JOSEPH HAGENJOS, St. Louis, Mo. Filed July 6, 1925. Serial No. 41,549. 3 Claims. (Cl. 40—124.5.)

1. A memorial tablet comprising a base presenting an inclined top face, including a raised central portion defined by a smooth plane marginal portion and having a plurality of cavities disposed at the opposite ends in said central portion and presenting constricted mouths, a plate having a marginal flange on its underside adapted to fit the marginal portion of said inclined top face, a



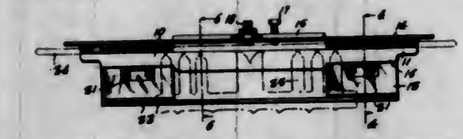
plurality of anchoring stems having enlarged heads projecting into said cavities from the underside of said plate and a filling of binding material in each of said cavities.

1,624,049. WIRE NETTING FOR PAPER-MAKING MACHINES AND METHOD OF MAKING THE SAME. CARL KURTZ-HÄHNLE and HANS KURTZ, Reutlingen, Germany. Filed June 14, 1926, Serial No. 116,008, and in Germany Oct. 26, 1925. 8 Claims. (Cl. 92—44.)



1. As a new article of manufacture, a wire cloth or Fourdrinier wire for paper making machines comprising a seam extending at an inclined angle to the direction in which said wire is moving through the machine.

1,624,050. SAW GAUGE. MARTIN J. HAHRE, Smithers, British Columbia, Canada. Filed June 22, 1925. Serial No. 38,840. 8 Claims. (Cl. 76—46.)

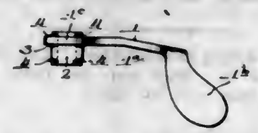


1. A saw gauge comprising an upper section composed of side plates, a pair of spaced longitudinal flanges connected to and extending between the side plates, a set screw threadedly mounted in the upper flange, a machine screw threadedly mounted in the upper flange; and a lower section including a pair of side plates, a tapered flange formed on the lower edges of the lower plates, hinge members secured to the adjacent edges of the upper and lower sections adapted to permit the upper section to swing in an angular position relative to the lower section.

1,624,051. LOCK AND METHOD OF MANUFACTURE. AUGIE L. HANSEN, Chicago, Ill., assignor to A. L. Hansen Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed May 15, 1926. Serial No. 109,236. 15 Claims. (Cl. 29—148.)

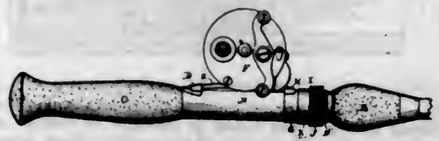
1. A part for locks or the like, comprising a member having an opening therethrough and a metal bushing

inserted in said opening and having surface portions of the metal on opposite sides of said member upset to secure the bushing against displacement in said member.



8. A method of forming bushings for the operating parts of locks and the like, consisting of stamping rectangular blanks from sheet metal, bending said blanks into tubular form, inserting the bushing through an aperture in the part to carry the bushing, and swaging the metal at the ends of the bushing.

1,624,052. REEL SEAT FOR FISHING RODS. CHARLES HEDDON and JACK T. WELCH, Dowagiac, Mich., assignors to James Heddon's Sons, Dowagiac, Mich., a Corporation of Michigan. Filed May 18, 1925. Serial No. 30,902. 8 Claims. (Cl. 43—22.)



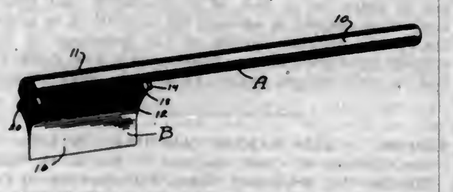
1. In a reel seat, in combination with a barrel, a socket fixedly mounted on the barrel, a clamping ring closely fitting the barrel and slidably mounted thereon and provided with an outwardly protruded portion furnishing a movable socket, a set of threads on the barrel, and a follower ring adapted to abut against the clamping ring and provided with an inner bore adapted in part to engage with the threads on the barrel, and in part to ride freely upon the unthreaded portion of the barrel, substantially as described.

1,624,053. SHADE ROLLER. HARRY F. HUSTED, Shavertown, Pa., assignor of one-third to Edmond C. Wideman and one-third to Harry D. Levy, Wilkes-Barre, Pa. Filed Oct. 25, 1926. Serial No. 144,007. 7 Claims. (Cl. 156—35.)



1. In a device of the character described, a fixed support, rotatable means automatically controlled by a shade roller and frictionally engaging said support, and latching means adapted to be actuated by the shade roller to lock the friction means therewith.

1,624,054. TOOTH-CLEANING DEVICE. BEAT KUHNE, Lewistown, Mont. Filed Dec. 28, 1925. Serial No. 77,982. 5 Claims. (Cl. 132—93.)



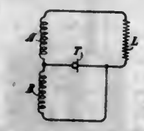
1. A tooth cleaning device comprising a holder embodying a head, a flaring key formed on said head, a cleaning member formed of elastic material, slidably fitting on said key, and means for preventing shifting of the cleaning member longitudinally of said key

---

1,624,055. DIRT AND GREASE CLEANING COMPOSITION. JACOB LENENBERG, Baltimore, Md. Filed Feb. 20, 1926. Serial No. 89,779. 1 Claim. (Cl. 87—5.)

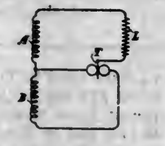
A composition to be used in conjunction with gasoline to form a cleaning solution, consisting of the reaction products of 25 gallons of castor oil, 25 pounds of powdered magnesia, 1 gallon of redistilled oleic acid, 1 gallon of acetone and 2 gallons of aqueous ammonia.

1,624,056. TELEPHONE SUBSTATION CIRCUITS. FREDERICK W. MCKOWN, Englewood, and EGINHARD DIETZE, Westfield, N. J., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed June 1, 1925. Serial No. 34,163. 6 Claims. (Cl. 179—81.)



1. A substation circuit comprising a transmitter and a receiver of the electromagnetic type having two windings each of substantially low resistance, said instruments being connected effectively in parallel with each other with respect to signaling currents from a telephone line, the windings of said receiver being closely coupled and being so arranged with respect to said transmitter as to step-up the resistance of said transmitter to a predetermined value.

1,624,057. TELEPHONE SUBSTATION CIRCUITS. FREDERICK W. MCKOWN, Englewood, and EGINHARD DIETZE, Westfield, N. J., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed June 1, 1925. Serial No. 34,164. 8 Claims. (Cl. 179—81.)



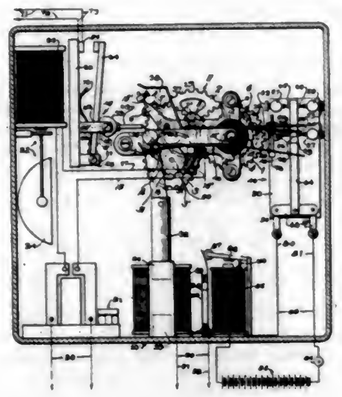
1. A circuit comprising two branches, devices for converting sound waves into electric waves, means for simultaneously actuating said devices, and means for converting electric waves into sound waves, said latter means consisting of two closely coupled windings each of substantially low resistance, one of which is arranged in each of said branches, said windings being employed to step-up the resistance of said devices to any desired value.

1,624,058. POWER DRIVE CHAIN. FRANK L. MORSE, Ithaca, N. Y., assignor to Morse Chain Company, a Corporation of New York. Filed Mar. 14, 1923. Serial No. 15,611. 4 Claims. (Cl. 74—32.)



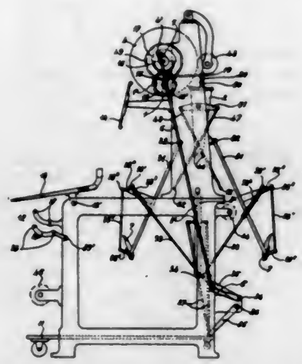
4. A chain comprising in combination, a series of links composed of plates, a joint for said links comprising a cylindrical pin and a semi-circular bush, the pin being nonrotative in the link in which it is secured, and the bush being provided with clearance at its inner side edges and being arranged to materially overhang that portion of the pin which wears bright in operation.

1,624,059. CIRCUIT-CONTROLLING MECHANISM. JOHN T. MILLER and MICHAEL HANLEY, Chicago, Ill. Filed Dec. 14, 1925. Serial No. 75,206. 3 Claims. (Cl. 177—369.)



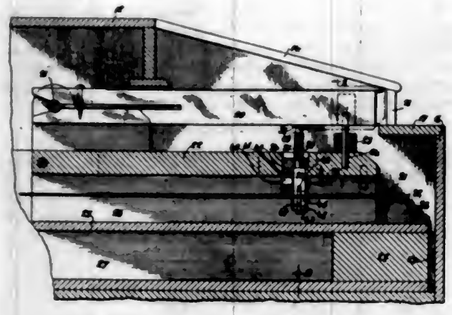
1. In combination, an electrical switch, a first means including a pull-lever for operating said switch, an adjustable lost motion connection between said lever and said switch, a second means for moving the said pull-lever in a given direction to actuate the switch, signal sending mechanism, a third means for slowly returning the pull-lever to its initial position and for operating the said signal sending mechanism, said latter means causing said first means to actuate said switch so as to return the switch to its initial position, and a fourth means controlled by the said switch for preventing said second means from being operated until the pull lever is returned to its initial position after an operation thereof.

1,624,060. MACHINE FOR INSPECTING A PIECE OF TISSUE, MEASURING ITS LENGTH, AND FOLDING IT. JOSEPH NANTERME, Lyon, France. Filed Oct. 31, 1925, Serial No. 66,118, and in France Feb. 11, 1925. 22 Claims. (Cl. 270—79.)



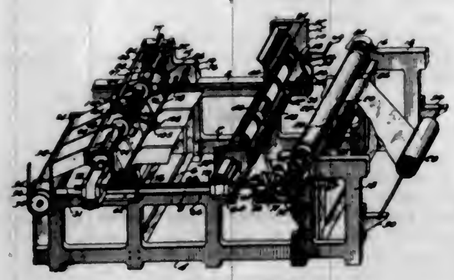
1. A machine for folding a continuous strip of fabric, comprising a feed roller over which the strip passes; a folding head engaging the strip beyond the roller; a gear train connecting the feed roller and folding head for oscillating the latter; a substantially vertical support on opposite sides of which the strip is folded alternately by said head; and a device for automatically stopping the folding operation at the completion of each fold.

1,624,061. MUSICAL INSTRUMENT. KARL P. NESSELER, Elizabeth, N. J. Filed Nov. 30, 1925. Serial No. 72,133. 1 Claim. (Cl. 84—320.)



A key operated stringed musical instrument comprising a casing having a key board, a plurality of strings extending in a horizontal plane transversely in said casing below the key board, a plunger for each key, pairs of plectrums pivoted in opposed relation in each plunger, said plectrums engaging the strings on their upward movement, means for actuating said plungers and means to release said plectrums upon raising said plungers.

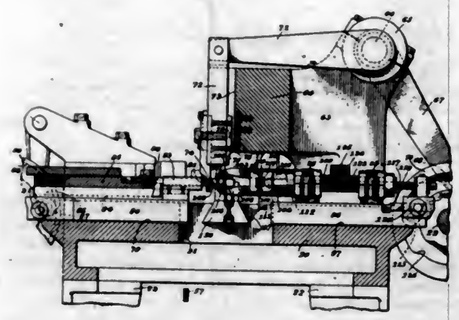
1,624,062. ROTARY PRINTING PRESS. WALTER E. OLIVER, Woodcliff, N. J. Filed Oct. 1, 1924. Serial No. 740,886. 3 Claims. (Cl. 101—225.)



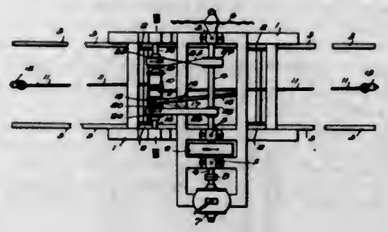
1. A rotary printing press having a printing cylinder adapted to print for part of a revolution, and adapted not to print for a part of a revolution, and feeding mechanism adapted to advance the material to be printed during the printing portion of the movement of said cylinder comprising narrow flanges and a wide flange carried by each narrow flange and at right angles thereto.

1,624,063. CHAIN-MAKING MACHINE. MAURITZ OLSON, Bridgeport, Conn., assignor to The A. H. Nilson Machine Co., Bridgeport, Conn., a Corporation of Connecticut. Filed July 11, 1925. Serial No. 42,875. 3 Claims. (Cl. 59—16.)

1. In a chain making machine, a vertical mandrel adapted to have lateral movement, wire feeding means for feeding wire horizontally in relation thereto, horizontally movable means adapted to have an initial movement to support said wire against said mandrel, means for bending said wire into U-form about said mandrel, means for supporting the previously formed link in vertical position in relation to said mandrel, horizontally movable means movable at a right angle to said first mentioned horizontally movable means for partially bending the wire ends inwardly about said mandrel whereby they are engaged in the opening of said previously formed link in spaced relation to said mandrel, said first mentioned horizontally movable means adapted to have a further movement to compress said link against said last mentioned horizontally movable means and said mandrel whereby the link is completed, said mandrel adapted to move laterally during said final link forming operation.

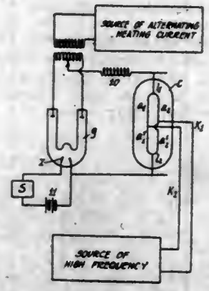


1,624,064. BREAKING DOWN SAW. PATRICK SARSFIELD O'NEILL, Aicken's Township, Westland County, New Zealand. Filed Aug. 28, 1926, Serial No. 132,271, and in New Zealand Sept. 3, 1925. 3 Claims. (Cl. 104—235.)



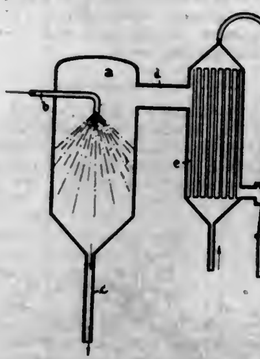
1. Improvements relating to breaking down saws comprising a wheeled bench arranged to travel back and forth upon a railed track, a spindle disposed transversely upon said bench and rotatable in bearings thereon, a circular saw fixed upon one end of said spindle to overhang one lateral side of said bench, a source of power carried upon said bench and connected to rotate said spindle, a flexible connection disposed longitudinally with said track and anchored to fixed points located one near either end thereof, a drum rotatably mounted in said bench and adapted when rotated to wind and unwind said connection thereby to produce the travel of said bench, a pair of friction-clutch-members mounted upon said bench and connected with said source of power to be rotated thereby in opposite directions, and manual means whereby said drum may be brought into engagement alternatively with each of said friction-clutch-members thereby to produce its rotation in either direction.

1,624,065. FREQUENCY CHANGER FOR SHORT WAVES. MENDEL OSNOS, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany, a Corporation of Germany. Filed Oct. 20, 1925, Serial No. 63,619, and in Germany Sept. 12, 1924. 18 Claims. (Cl. 179—171.)



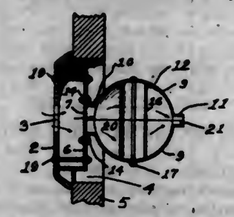
1. In combination, an inductance device having a magnetic circuit and an electric circuit, both of said circuits being formed through a bi-filar conductor, a source of energy connected with said circuits, and means for controlling the output of said device by varying its temperature.

1,624,066. CONDENSING APPARATUS. ALFRED OTTO HERMANN PETERSEN, Altona/Elbe, Germany, assignor to N. V. Nederlandsche Inatallatie Maatschappij Therma, Amsterdam, Netherlands. Filed May 20, 1925, Serial No. 31,526, and in Germany Jan. 17, 1924. 2 Claims. (Cl. 257—24.)



1. In combination, a condenser, and a jet pump connected to said condenser for removing condensate therefrom, said jet pump being operated by the cooling water passed through said condenser.

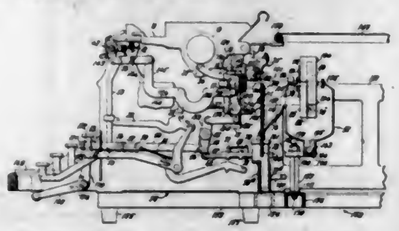
1,624,067. FUEL ECONOMIZER. NENI J. PETITCLERC, St. Louis, Mo. Filed Dec. 24, 1925. Serial No. 77,659. 4 Claims. (Cl. 110—175.)



1. A device for preheating the air supplied to a fire box and comprising a spheroidal shell having a tubular baffle therethrough, and inlet and outlet openings dis-

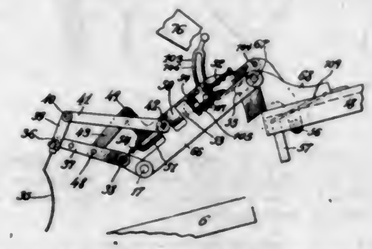
posed in the shell on diametrically opposite sides of the said baffle, the said shell being formed of hemi-spheroidal sections meeting in a plane passing through the said openings and transversely through the said tubular baffle, and means within the tubular baffle for detachably securing the sections together.

1,624,068. TYPEWRITING MACHINE. HENRY L. PITMAN, Westfield, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 18, 1923. Serial No. 632,836. 30 Claims. (Cl. 197—65.)



1. The combination with a typewriting machine having a platen-carriage, movable in letter-feed and return directions, of carriage-feeding mechanism including escapement devices, a motor, a support for the machine, an extension of said support behind the machine, a bracket above said supporting extension, said motor being supported on said bracket directly at the rear of the escapement devices, driving connections from the motor to the carriage including a shaft, and a horizontal pivotal connection between said motor and said bracket for rendering the motor displaceable downwardly, to give free access to the escapement devices, said motor being disconnectible from said driving shaft.

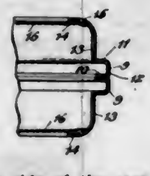
1,624,069. SHEET-FEEDING MECHANISM. STEPHEN HAINES PLUM, 2d, Madison, and AMOS ACKLEY, Camden, N. J., assignors to American Type Founders Company, a Corporation of New Jersey. Filed Sept. 22, 1925. Serial No. 57,857. 14 Claims. (Cl. 101—287.)



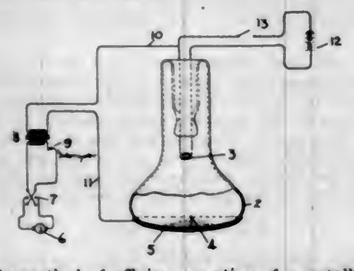
1. A feeding device for a press having a platen movable from a sheet receiving to an impression position comprising a paper feed table, a paper guide rack for guiding the paper in its passage to the platen and adjustable means on said paper feed table for lowering the said guide rack towards the platen when the latter is in sheet receiving position, and for raising said guide rack away from the platen when the latter moves into impression position.

1,624,070. VANITY-CASE FRAME. FRANK J. QUIGAN, Brooklyn, N. Y. Filed June 18, 1924. Serial No. 720,719. 2 Claims. (Cl. 220—32.)

1. A case comprising two sections each consisting of a metal plate having an edge portion of continuous channel shape form in cross section, an intermediate portion extending laterally from one wall of said channel and an opposite edge portion extending substantially at right angles to the plane of said intermediate portion and apertured to receive attaching means for a wall closing one side of the case section, and a hinge connecting said channelled edges at one side of the case sections with each other and permitting of the close contacting engagement of the opposed flanges of said channelled edge portions with each other when the case closed.

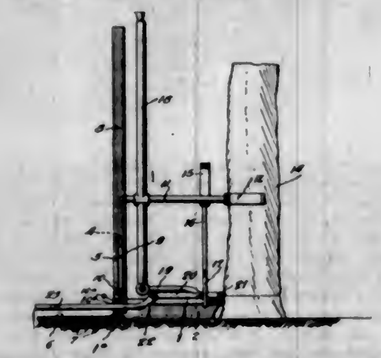


1,624,071. METHOD OF AFFIXING COATINGS ON INCANDESCENT-LAMP FILAMENTS. HENRY KNEELAND RICHARDSON, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed July 28, 1921. Serial No. 488,133. 8 Claims. (Cl. 176—131.)



1. The method of affixing a coating of a metallic oxide to an electrode comprising connecting the electrode, in a rarified atmosphere in the presence of the metallic oxide in powdered form, with another electrode in an electric circuit, and impressing a high potential between said electrodes to cause a bodily transfer of the powdered particles to the electrode without dissociation thereof.

1,624,072. SAW. JOHAN PAUL SALMI, Chicago, Ill. Filed Jan. 25, 1924, Serial No. 688,425. Renewed Sept. 13, 1926. 4 Claims. (Cl. 143—64.)



1. In a tree saw, a platform, an upright support thereupon and adjustable relative thereto, tree engaging means carried by said upright, a rock lever carried by said means, a frame carried by said rock lever, a second frame carried by said first named frame, a blade for said second frame, and supporting means for said second frame slidably carried by said upright.

1,624,073. WRINGER. SIMON E. SCHROEDER, Oak Park, Ill. Filed Mar. 24, 1922. Serial No. 546,307. 5 Claims. (Cl. 68—32.)



1. In a wringer, a pair of end bearings, each having a vertical guide channel and an extended bearing boss, a pair of relatively slidable bearings in each channel, rollers journalled in said bearings, a swingable frame supported upon said extended bearing bosses comprising end members, spring pressed slidable plate members associated with said end members, and rollers carried by said plate members and normally bearing upon the upper bearings.

1,624,074. METHOD OF REMOVING RESIDUAL POISONS FROM FRUIT. EDWARD M. SEARS, Yakima, Wash. Filed Oct. 21, 1926. Serial No. 143,306. 3 Claims. (Cl. 99—11.)

3. The herein described method which consists of subjecting fruit to be washed free of arsenate of lead, to the action of a solution of oil and fatty acid in any proportions, then subjecting the fruit to the action of a solution of alkaline water and then washing the fruit in clear water.

1,624,075. STEEL OF HIGH-TEMPERATURE STABILITY. WILLIAM ROBERT SHIMER, Bethlehem, Pa., assignor to Bethlehem Steel Company. Filed Nov. 29, 1924. Serial No. 752,929. 6 Claims. (Cl. 75—1.)

1. A low-carbon, tough, and readily workable commercial steel containing between .40 and .60 chromium, between .50 and .80 manganese and with tungsten between 1% and 1.50% added thereto to preserve the strength of the steel at high temperatures.

1,624,076. MAGNETIC BAR POLE CHUCK. FRANK LEROY SIMMONS, Woonsocket, R. I., assignor to The Taft-Peirce Manufacturing Company, Woonsocket, R. I., a Corporation of Rhode Island. Filed Oct. 6, 1920. Serial No. 415,173. 6 Claims. (Cl. 175—367.)



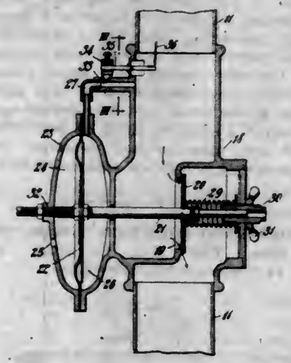
1. A magnetic chuck comprising a face plate having a horizontal supporting face, vertically extending pole pieces having side holding faces angularly disposed to said supporting face, and non-magnetic material between said pole pieces, one of said poles having a sidewise extension extending across another pole and terminating in the same plane as the other said pole to form said holding face

---

1,624,077. INCANDESCENT ELECTRIC LAMP. WILLIAM CHARLES SPROESSER, Bloomfield, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Dec. 3, 1921. Serial No. 519,764. 16 Claims. (Cl. 176—16.)

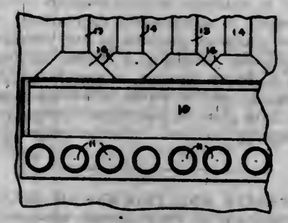
1. The process of controlling the crystal growth in a metal lamp filament when initially heated which consists in coating said filament with a compound having a high volatilization temperature and which will not react detrimentally with said filament or the residual gases within the lamp.

1,624,078. PNEUMATIC-TUBE APPARATUS. JOSEPH JOHN STOETZEL, Queens Village, N. Y., assignor to G. & G. Atlas Systems, Inc., New York, N. Y., a Corporation of New York. Filed Apr. 17, 1926. Serial No. 102,675. 4 Claims. (Cl. 243—9.)



1. In a pneumatic tube system, a transmitting tube, a casing communicating with said transmitting tube and provided with an orifice, means for producing a flow of air through said orifice, a valve for said orifice adapted to control the flow of air therethrough, said valve being adapted to open in the direction of said flow, spring means tending to close said valve, and means responsive to the pressure conditions in the transit tube for opening said valve.

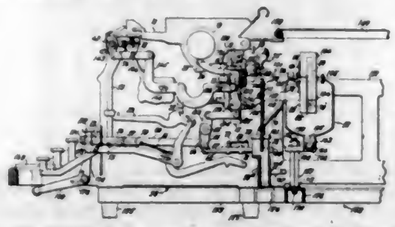
1,624,079. MEANS FOR DELIVERING COAL TO HOPPERS OF CONTINUOUS FUEL-FEED STOKERS. ALBERT F. STROUSE, Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 1, 1925. Serial No. 27,323. 7 Claims. (Cl. 193—2.)



1. In combination with a multiple retort stoker, a hopper for said stoker, a plurality of chutes having discharge ends arranged to discharge into said hopper, said discharge ends being arranged in a plurality of rows and the discharge ends of one row being staggered with respect to the discharge ends of the other row.

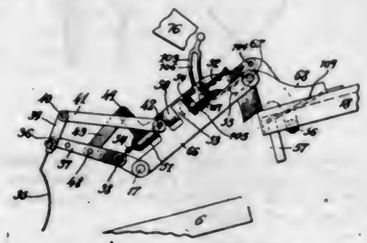
posed in the shell on diametrically opposite sides of the said baffle, the said shell being formed of hemi-spheroidal sections meeting in a plane passing through the said openings and transversely through the said tubular baffle, and means within the tubular baffle for detachably securing the sections together.

1,624,068. TYPEWRITING MACHINE. HENRY L. PITMAN, Westfield, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 18, 1923. Serial No. 632,836. 30 Claims. (Cl. 197—65.)



1. The combination with a typewriting machine having a platen-carriage, movable in letter-feed and return directions, of carriage-feeding mechanism including escapement devices, a motor, a support for the machine, an extension of said support behind the machine, a bracket above said supporting extension, said motor being supported on said bracket directly at the rear of the escapement devices, driving connections from the motor to the carriage including a shaft, and a horizontal pivotal connection between said motor and said bracket for rendering the motor displaceable downwardly, to give free access to the escapement devices, said motor being disconnectible from said driving shaft.

1,624,069. SHEET-FEEDING MECHANISM. STEPHEN HAINES PLUM, 2d, Madison, and AMOS ACKLEY, Camden, N. J., assignors to American Type Founders Company, a Corporation of New Jersey. Filed Sept. 22, 1925. Serial No. 57,857. 14 Claims. (Cl. 101—287.)



1. A feeding device for a press having a platen movable from a sheet receiving to an impression position comprising a paper feed table, a paper guide rack for guiding the paper in its passage to the platen and adjustable means on said paper feed table for lowering the said guide rack towards the platen when the latter is in sheet receiving position, and for raising said guide rack away from the platen when the latter moves into impression position.

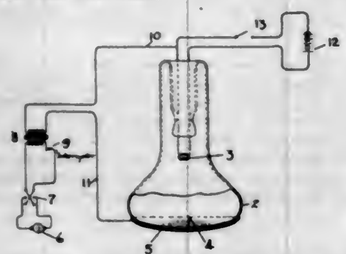
1,624,070. VANITY-CASE FRAME. FRANK J. QUIGAN, Brooklyn, N. Y. Filed June 18, 1924. Serial No. 720,719. 2 Claims. (Cl. 220—32.)

1. A case comprising two sections each consisting of a metal plate having an edge portion of continuous channel shape form in cross section, an intermediate portion extending laterally from one wall of said channel and an opposite edge portion extending substantially at right angles to the plane of said intermediate portion and apertured to receive attaching means for a wall closing one side of the case section, and a hinge connecting said chan-



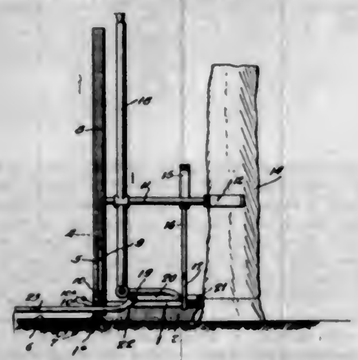
nelled edges at one side of the case sections with each other and permitting of the close contacting engagement of the opposed flanges of said channelled edge portions with each other when the case closed.

1,624,071. METHOD OF AFFIXING COATINGS ON INCANDESCENT-LAMP FILAMENTS. HENRY KNEELAND RICHARDSON, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed July 28, 1921. Serial No. 488,133. 8 Claims. (Cl. 176—131.)



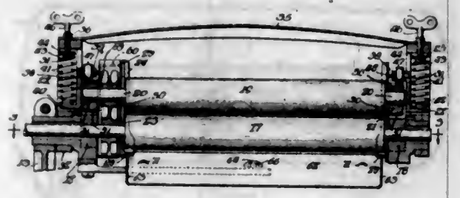
1. The method of affixing a coating of a metallic oxide to an electrode comprising connecting the electrode, in a rarified atmosphere in the presence of the metallic oxide in powdered form, with another electrode in an electric circuit, and impressing a high potential between said electrodes to cause a bodily transfer of the powdered particles to the electrode without dissociation thereof.

1,624,072. SAW. JOHAN PAUL SALMI, Chicago, Ill. Filed Jan. 25, 1924, Serial No. 688,425. Renewed Sept. 13, 1926. 4 Claims. (Cl. 143—64.)



1. In a tree saw, a platform, an upright support thereupon and adjustable relative thereto, tree engaging means carried by said upright, a rock lever carried by said means, a frame carried by said rock lever, a second frame carried by said first named frame, a blade for said second frame, and supporting means for said second frame slidably carried by said upright.

1,624,073. WRINGER. SIMON E. SCHROEDER, Oak Park, Ill. Filed Mar. 24, 1922. Serial No. 546,307. 5 Claims. (Cl. 68—32.)



1. In a wringer, a pair of end bearings, each having a vertical guide channel and an extended bearing boss, a pair of relatively slidable bearings in each channel, rollers journalled in said bearings, a swingable frame supported upon said extended bearing bosses comprising end members, spring pressed slidable plate members associated with said end members, and rollers carried by said plate members and normally bearing upon the upper bearings.

1,624,074. METHOD OF REMOVING RESIDUAL POISONS FROM FRUIT. EDWARD M. SEARS, Yakima, Wash. Filed Oct. 21, 1926. Serial No. 143,306. 3 Claims. (Cl. 99—11.)

3. The herein described method which consists of subjecting fruit to be washed free of arsenate of lead, to the action of a solution of oil and fatty acid in any proportions, then subjecting the fruit to the action of a solution of alkaline water and then washing the fruit in clear water.

1,624,075. STEEL OF HIGH-TEMPERATURE STABILITY. WILLIAM ROBERT SHIMER, Bethlehem, Pa., assignor to Bethlehem Steel Company. Filed Nov. 29, 1924. Serial No. 752,929. 6 Claims. (Cl. 75—1.)

1. A low-carbon, tough, and readily workable commercial steel containing between .40 and .60 chromium, between .50 and .80 manganese and with tungsten between 1% and 1.50% added thereto to preserve the strength of the steel at high temperatures.

1,624,076. MAGNETIC BAR POLE CHUCK. FRANK LEROY SIMMONS, Woonsocket, R. I., assignor to The Taft-Peirce Manufacturing Company, Woonsocket, R. I., a Corporation of Rhode Island. Filed Oct. 6, 1920. Serial No. 415,173. 6 Claims. (Cl. 175—367.)

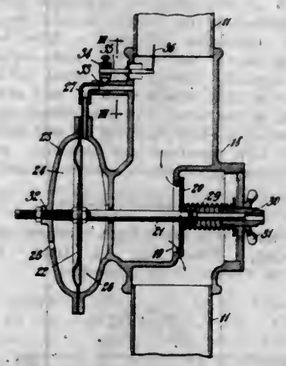


1. A magnetic chuck comprising a face plate having a horizontal supporting face, vertically extending pole pieces having side holding faces angularly disposed to said supporting face, and non-magnetic material between said pole pieces, one of said poles having a sidewise extension extending across another pole and terminating in the same plane as the other said pole to form said holding face

1,624,077. INCANDESCENT ELECTRIC LAMP. WILLIAM CHARLES SPAEDSER, Bloomfield, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Dec. 3, 1921. Serial No. 519,764. 16 Claims. (Cl. 176—16.)

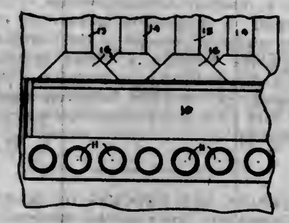
1. The process of controlling the crystal growth in a metal lamp filament when initially heated which consists in coating said filament with a compound having a high volatilization temperature and which will not react detrimentally with said filament or the residual gases within the lamp.

1,624,078. PNEUMATIC-TUBE APPARATUS. JOSEPH JOHN STOETZEL, Queens Village, N. Y., assignor to G. & G. Atlas Systems, Inc., New York, N. Y., a Corporation of New York. Filed Apr. 17, 1926. Serial No. 102,675. 4 Claims. (Cl. 243—9.)



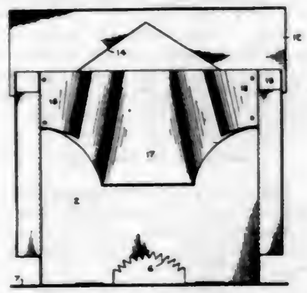
1. In a pneumatic tube system, a transmitting tube, a casing communicating with said transmitting tube and provided with an orifice, means for producing a flow of air through said orifice, a valve for said orifice adapted to control the flow of air therethrough, said valve being adapted to open in the direction of said flow, spring means tending to close said valve, and means responsive to the pressure conditions in the transit tube for opening said valve.

1, 624,079. MEANS FOR DELIVERING COAL TO HOPPERS OF CONTINUOUS FUEL-FEED STOKERS. ALBERT F. STROUSE, Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 1, 1925. Serial No. 27,323. 7 Claims. (Cl. 193—2.)



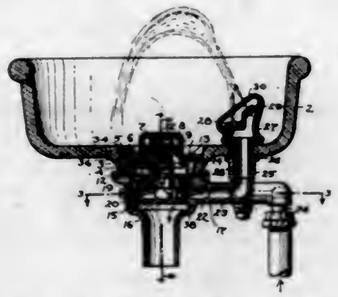
1. In combination with a multiple retort stoker, a hopper for said stoker, a plurality of chutes having discharge ends arranged to discharge into said hopper, said discharge ends being arranged in a plurality of rows and the discharge ends of one row being staggered with respect to the discharge ends of the other row.

1,624,080. HEATING DEVICE. FREDA DORETTE SULLIVAN, New York, N. Y. Filed Aug. 8, 1922. Serial No. 580,436. 6 Claims. (Cl. 126—248.)



1. A device of the character described, comprising a drum, an opening at the bottom of said drum for the admission of combustion products, a deflector mounted in said drum above said opening and extending outwardly and inwardly therein, said drum having lateral openings therein above the bottom of said deflector and below the top of the drum, and also lateral openings below said deflector, a cover mounted on said drum and extending over said openings and deflector, said device provided with openings between said cover and drum.

1,624,081. DRINKING FOUNTAIN. HALSEY W. TAYLOR, Warren, Ohio. Filed Aug. 14, 1922. Serial No. 581,650. 14 Claims. (Cl. 299—12.)



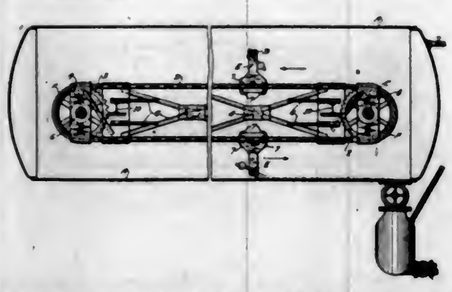
1. A method of producing uniformity of delivery in a drinking stream projected at an angle to the vertical under fluctuating conditions in the water supply, which consists in regulating the amount of water flowing through a delivery nozzle to maintain a predetermined minimum pressure to produce an arched drinking stream of substantial height, and in venting a part of the supply under a constant counter-pressure extraneous of the water supply to compensate fluctuations above said predetermined minimum pressure in the water supply.

4. In a drinking fountain, a fitting having a drain opening and a supply passage, a perforated plate covering said opening, and a water balancing member positioned under said plate in discharge communication with said drain opening.

1,624,082. RESINS AND PROCESS OF MAKING THE SAME. CHARLES O. TERWILLIGER, Beacon, N. Y., assignor to Fritz v. Briesen, trustee, New York, N. Y. Filed June 29, 1923. Serial No. 648,565. Renewed Feb. 7, 1927. 12 Claims. (Cl. 260—3.)

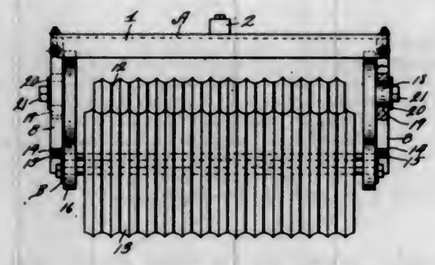
1. A resin which contains in combination a high boiling coal tar oil, a ketone and a formaldehyde body, and which has been produced by permitting such substances to react simultaneously

1,624,083. CARBON-REMOVING MECHANISM FOR STILLS. JAMES M. WADSWORTH, Fort Worth, Tex. Filed Dec. 27, 1921. Serial No. 525,171. 5 Claims. (Cl. 196—122.)



2. A still, comprising a shell provided adjacent one end with an outlet through which sediment can be removed, a scraping device arranged inside of said shell for removing sediment from the bottom of same and discharging the sediment through said outlet, an endless flexible element in said shell for actuating said scraping device, a supporting structure in said shell arranged longitudinally of same with one of its end portions in substantially fixed relation with the shell and its opposite end portion free to move longitudinally and also laterally with relation to the shell, and rotatable elements arranged adjacent the opposite ends of said supporting structure around which said flexible element travels.

1,624,084. LAND ROLLER AND PULVERIZER. JOSEPH F. WAGNER, South Bend, Ind. Filed May 25, 1925. Serial No. 32,850. 7 Claims. (Cl. 55—77.)



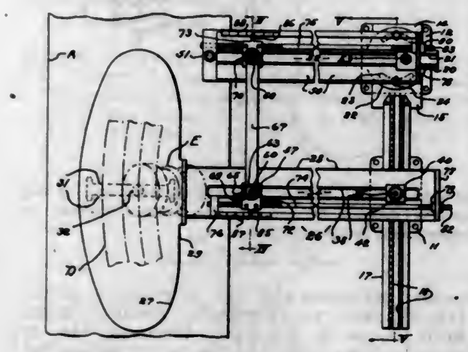
1. The combination with a land roller comprising a weight frame, a roller carrying frame, of arcuately arranged meshing toothed connections between said frames and forming sole draft connections between the frames.

1,624,085. MECHANICAL MOVEMENT. JULIUS WEGNER, New York, N. Y. Filed Mar. 20, 1926. Serial No. 96,181. 19 Claims. (Cl. 90—32.)

1. In a mechanical movement of the character described, the combination of a reciprocatory member, a pair of spaced apart elements coacting therewith, the latter being oscillated from their inner ends by said member, said elements having pivotal connections respectively with and offset from the member, the outer extremities of the elements being guided respectively in angular relation to and in parallelism with the direction of movement followed by the member, and a connection between the said elements intermediate the terminals thereof acting to reduce the motion of the element's extremity guided in parallelism with the reciprocation of the member, thereby contemporaneously flattening the arc of oscillation of the inner end of the last named element.

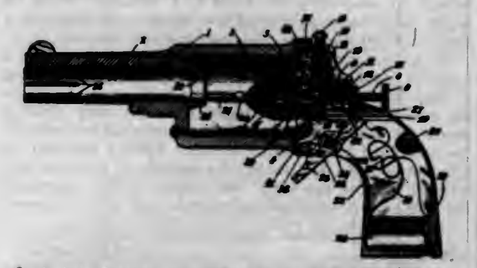
10. A device of the character described comprising in combination with a reciprocatory table and its tool,

guides disposed respectively in parallelism with and in angular relation to the direction of motion followed by said table, a primary element fulcrumed at one extremity to said parallel guide with its other end overlying the table, said overlying end affording a carrier for work presented to said tool, means for oscillating said carrier by the table about the fulcrum of said element, a secondary element spaced from said primary element pivotally



connected by the same end as the latter to the table in offset relation to said means, having the opposite terminal thereof in engagement with said angularly disposed guide, a linkage connecting the said elements intermediate their said guides and the table, serving to shift the fulcrum of the primary element during the oscillation of said carrier, and means for adjusting said linkage relatively to the elements in order to vary the arcuate travel of the carrier.

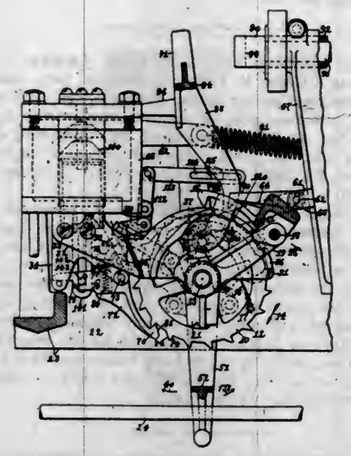
1,624,086. TOY FIREARM. JAMES H. WILY, Bethlehem, Pa. Filed Feb. 23, 1923. Serial No. 620,570. 27 Claims. (Cl. 42—54.)



2. A toy firearm comprising a barrel member having a gas chamber therein, a stock of the piston type secured to said barrel member, means whereby explosive gas may be produced in said chamber, a pyrophoric metal igniting mechanism for said chamber, and a trigger member adjacent said stock in position to produce relative motion between the elements of said igniting mechanism.

1,624,087. RAILWAY SIGNALING SYSTEM. JOHAN M. ANDERSEN, Boston, Mass., assignor to Albert & J. M. Anderson Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Feb. 5, 1923. Serial No. 616,967. 50 Claims. (Cl. 246—78.)

1. In a signal system for railways provided with a block in the track into and out of which cars pass, a switch member located at the entrance end of the block, an electrically-operated danger signal located at the outlet end of the block and controlled by the switch member at the entrance end to be lighted and extinguished thereby, and means located at the entrance end of the block and co-operating with said switch member to permit the latter to light the danger signal at the outlet end of the block and set it against cars entering the block at the outlet end when the initial car of a predetermined number of cars enters the entrance end of



the block, and to be momentarily extinguished and again lighted by each succeeding car of said predetermined number when each of said succeeding cars enters the block.

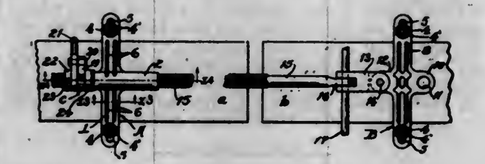
1,624,088. COMPOSITION OF GUM CHICLE DISPERSED IN AN AQUEOUS COLLOID. ARTHUR BIDDLE, Trenton, N. J., assignor to United Products Corporation of America, a Corporation of Delaware. Filed May 11, 1926. Serial No. 108,424. 12 Claims. (Cl. 134—1.)

1. A composition of matter comprising an aqueous dispersion of gum chicle and a hydrophilic colloid.

1,624,089. INSECT LIME AND METHOD OF MAKING THE SAME. ARTHUR BIDDLE, Trenton, N. J., assignor to United Products Corporation of America, a Corporation of Delaware. Filed June 24, 1926. Serial No. 118,365. 7 Claims. (Cl. 167—6.)

1. An insect lime comprising rubber dispersed in an aqueous medium, and a non-drying oil.

1,624,090. STRETCHER. JAMES G. BLAINE, Compton, and CARL B. PATTON, Los Angeles, Calif. Filed Mar. 1, 1926. Serial No. 91,390. 2 Claims. (Cl. 254—54.)



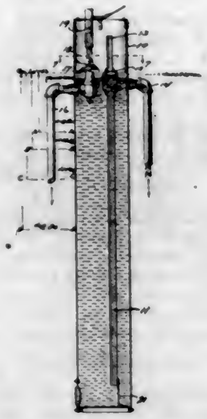
1. A device of the character set forth comprising clamp members adapted to be secured to the ends of an article to be stretched; a tube fixed to one of said clamp members, said tube projecting beyond the side of the clamp member to which it is fixed and toward the other clamp member, said tube also having a smooth bore; a link pivotally connected to said other clamp member; a screw member detachably and pivotally connected at one end

to said link, and having its threaded end extending through the smooth bore of said tube; and means threaded on said screw and being adapted to operate against said tube to force said clamp members toward each other for the purpose set forth.

1,624,091. COATED PAPER BOARD. CHARLES C. COLBERT and GEORGE E. PRESTON, Elkhart, Ind., assignors to American Coating Mills, Elkhart, Ind., a Corporation of Indiana. Original application filed July 2, 1923 Serial No. 648,883, now Patent No. 1,514,439, and in Canada Oct. 14, 1924. Divided and this application filed Oct. 23, 1924. Serial No. 745,527. 1 Claim. (Cl. 97—68.)

Paper board composed of consolidated layers of paper material including an outer calendered liner having a finished coated surface, the fabric structure of the board being of a substantially uniform set and retaining substantially the maximum rigidity inherent in the material of which the board is composed, and the board possessing a pronounced stiffness and snappy characteristic, such fabric structure being characterized by its manufacture from the wet stock to the finished coated product without rolling up or lapping the board upon itself or subjecting it to severe flexing under tension.

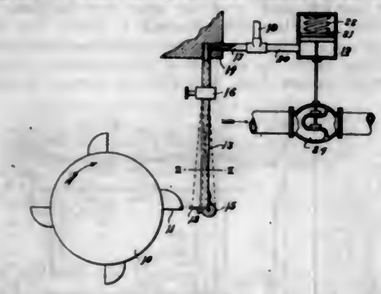
1,624,092. LIQUIDS-SEPARATING DEVICE. JOHN COLEMAN, Lakewood, Ohio, assignor to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed Aug. 10, 1921. Serial No. 491,096. 2 Claims. (Cl. 210—51.)



1. In a separator for removing oil from a mixture of oil and water, a tank arranged to contain water with a layer of oil floating thereon, said tank having a water outlet and an oil outlet above the level of the water outlet, an inlet arranged to deliver the mixture of oil and water above the layer of oil in the tank, and means to break up the entering mixture into relative small drops and to prevent the entry of such drops into the oil outlet.

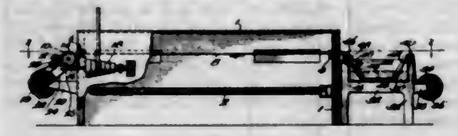
1,624,093. AUTO-STOP GOVERNOR. DAVID C. DAVIS, Chester, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed May 10, 1921. Serial No. 468,310. 6 Claims. (Cl. 137—140.)

1. The combination with a rotatable member, of driving means therefor, a blade connected to said rotatable member and arranged to produce intermittent pressure waves in its ambient medium, a vibratory member disposed to be subject to said waves and tuned to a predetermined higher pitch than that corresponding to the frequency of said waves at the desired speed of said



rotatable member, and means whereby vibration of said vibratory member in excess of a certain amount de-energizes said driving means.

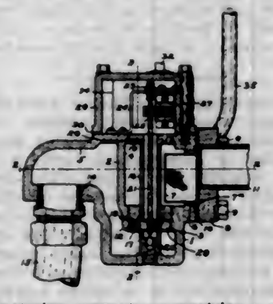
1,624,094. MACHINE FOR AND METHOD OF APPLYING VARNISH TO SHEETS OF FIBROUS MATERIAL. LOUIS T. FREDERICK, Valparaiso, Ind., assignor to Fibroc Insulation Company, Valparaiso, Ind., a Corporation of Indiana. Filed Mar. 2, 1925. Serial No. 12,497. 11 Claims. (Cl. 91—32.)



1. The method of distributing liquid uniformly upon a fibrous sheet consisting in first applying an excessive amount of liquid to the sheet and then removing the surplus by subjecting the sheet to a stripping action in which the central portion of the sheet is stretched to a greater extent than the marginal portions thereof.

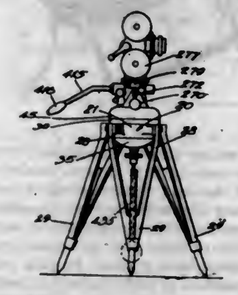
11. In a machine for applying varnish to a fabric, a bath for containing the liquid varnish, means for guiding a strip of the fabric through the bath, and a stripper for removing the surplus liquid from the strip after it leaves the bath, said stripper being arranged crosswise of the strip and being curved outward toward the strip at the mid portion, and means for yieldingly pressing said stripper against the strip, the stripper being non-rotary for making frictional contact with the strip as it passes.

1,624,095. METER. JALMAR W. G. FAIRS, Fort Wayne, Ind., assignor to S. F. Bowser and Company, Incorporated, Fort Wayne, Ind., a Corporation. Filed Oct. 11, 1923. Serial No. 667,810. 3 Claims. (Cl. 73—97.)



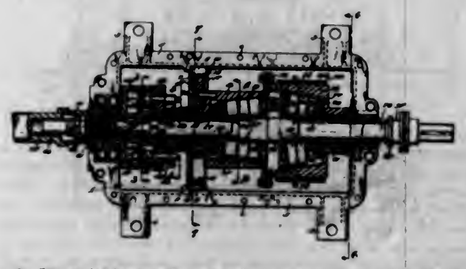
1. Fluid metering apparatus comprising a casing having inlet and outlet ports for fluid to be metered, means dividing the casing into two compartments and having a port therein to form a communication between said compartments through which the fluid flows in its passage from the inlet to the outlet port, a metering mechanism mounted on the casing, a turbine member mounted in the communicating port, a shaft connected to the turbine member and adapted to drive the metering mechanism, and a sleeve carrying fluid directing blades disposed in the port above the turbine, said sleeve being adapted to prevent contact of the fluid with the shaft and with the metering mechanism.

1,624,096. UNIVERSAL PANORAMIC TRIPOD. FRANK E. GARBUTT, Los Angeles, Calif., assignor to Famous Players-Lasky Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 2, 1925. Serial No. 54,076. 11 Claims. (Cl. 248—47.)



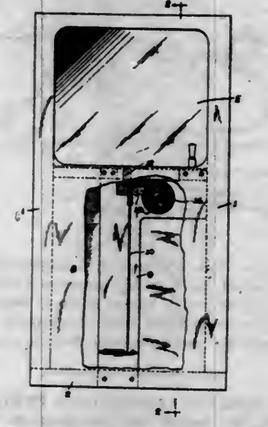
1. A tripod comprising: a traversing member; a tilting member supported by said traversing member; means for permitting only a harmonious motion of said traversing member; means for permitting only a harmonious motion of said tilting member; and devices for selectively disconnecting either of said means.

1,624,097. AUTOMATIC CHANGE-SPEED TRANSMISSION APPARATUS. THEODORE GENSMER, Portland, Oreg., assignor to Automatic Transmission Company, a Corporation of Oregon. Filed Feb. 23, 1926. Serial No. 89,014. 29 Claims. (Cl. 74—97.)



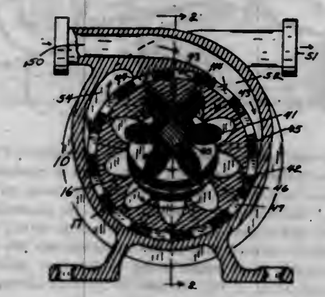
1. In variable speed transmission apparatus, a housing, a circular bearing-plate rigidly mounted interiorly of said housing, having an interior, annular chamber therein, a cylinder rotatively mounted in said bearing-plate having an axially arranged conical chamber therein, spring-pressed clutch-dogs mounted upon said cylinder and disposed within said plate-chamber engageable with the wall thereof to prevent the reverse rotation of the cylinder, a rotatable frame mounted in said cylinder-chamber and operatively connected with a driven-shaft, a plurality of rollers supported in said frame in engagement with the walls of said cylinder-chamber, a driving-member journaled axially of said housing and slidably connected to a power-driven shaft and including a cone in parallel with the walls of said cylinder-chamber, and means to resiliently engage said driving-member with said rollers.

1,624,098. WINDOW REGULATOR. BERTRAM J. GOLDSMITH and EMIL KOBB, New York, N. Y., assignors to Perfect Window Regulator Corporation, Long Island City, N. Y., a Corporation of Delaware. Filed May 1, 1925. Serial No. 27,211. 8 Claims. (Cl. 268—129.)



1. In a window regulator, a spring adapted to assist in the closing of the window and forming part of the mechanism for both opening and closing the window.

1,624,099. GEAR PUMP. HIRAM H. HAIGHT, Milwaukee, Wis. Filed Mar. 11, 1925. Serial No. 14,636. 19 Claims. (Cl. 103—126.)

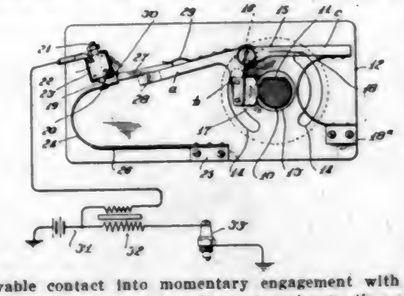


1. In a device of the character described, the combination with a pump casing and a rotary pump mechanism therein, of inlet and outlet passages communicating with opposite portions of said casing and passing each other to open in opposite directions and opposite to the portions of the casing with which they communicate, said passages being sub-divided at the point at which they pass and provided with alternating portions in staggered relation whereby a fluid passing through said casing will be distributed thereto and collected therefrom throughout the axial length of the casing with gradual change of direction and with little obstruction of flow.

1,624,100. INTERRUPTER MECHANISM. WILLIAM W. HAWKINS, Brooklyn, N. Y., assignor to Webster Electric Company, Racine, Wis., a Corporation of Wisconsin. Filed Dec. 14, 1921. Serial No. 522,432. 7 Claims. (Cl. 200—30.)

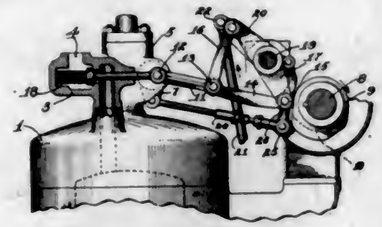
3. An ignition circuit interrupter comprising a stationary contact, a leaf spring carrying a movable contact, said leaf spring occupying a normal position with said movable contact out of engagement with said stationary con-

tact, spring operated actuating means for drawing said spring backwardly from its normal position to establish a recoil tension therein, said spring operated actuating means thereupon releasing said spring and permitting it to snap forwardly past its normal position to bring said



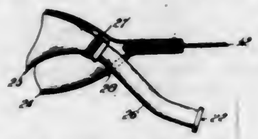
movable contact into momentary engagement with said stationary contact, said spring operated actuating means adapted to return to its initial position without causing the contacts to be brought into engagement and engine-operated means for operating said actuating means.

1,624,101. INTERNAL-COMBUSTION ENGINE. ARTHUR S. HAWKS, St. Louis, Mo., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 18, 1921. Serial No. 438,067. 11 Claims. (Cl. 123—90.)



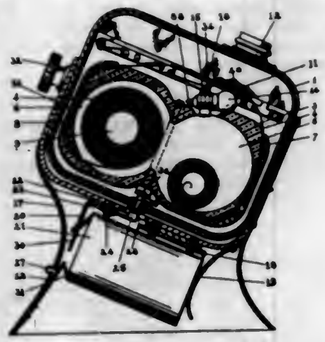
1. In a combustion engine, the combination of a valve thereof, an actuator for said valve, and a push-rod type of connector composed of links hinged to each other, one end of the assemblage of links being in operating relation to the valve and the other end in operating relation to said actuator, and means for maintaining the links in a substantially fixed relation to each other during successive actuations of the connector by said actuator.

1,624,102. SWIMMING WING. WILLIAM KENNEDY, Chicago, Ill., assignor, by direct and mesne assignments, to Airubber Corporation, Chicago, Ill., a Corporation of Illinois. Filed Nov. 22, 1923. Serial No. 676,215. Renewed Sept. 7, 1926. 2 Claims. (Cl. 9—17.)



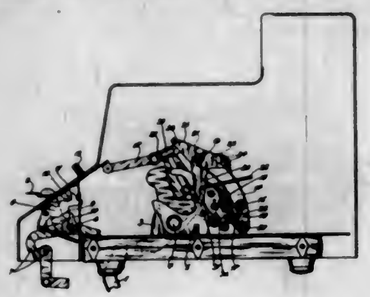
1. A swimming wing composed of a pair of separately inflatable air-holding bags having an outer surface of fabric and formed with a reduced portion or neck provided with a tube-receiving opening, an air-introducing tube disposed through said opening and having a reenforcing ferrule within the inner end thereof, a plug member insertable in the outer end of each tube, and a non-elastic strap or band secured at its ends to the air-holding bags.

1,624,103. COMBINATION MOTION-PICTURE CAMERA AND DISPLAY APPARATUS. RUDOLPH KNOPP, New York, N. Y. Filed Oct. 30, 1925. Serial No. 65,844. 1 Claim. (Cl. 88—17.)



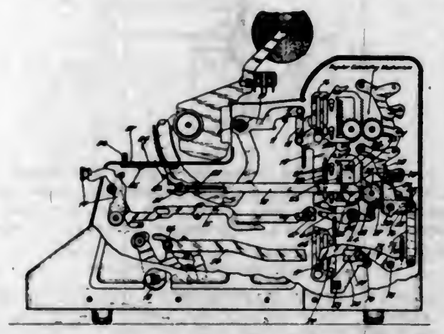
In an apparatus for displaying motion pictures, the combination of a motion picture camera having an objective lens, a standard for said camera adapted to support said camera, a battery mounted in said standard, a pair of electrical contacts on said standard and a pair of electrical contacts on said camera and clamping means on said standard to clamp said camera to said standard with the electrical contacts of one in relative contact with the electric contacts of the other, an electric light mounted within said camera behind the moving film and adapted to illuminate said film on the operation of said switch to make the film in the camera visible thru its objective lens.

1,624,104. ADDING MACHINE. HARRY LANDSIEDEL, Norwood, Ohio, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Jan. 6, 1923. Serial No. 611,057. 22 Claims. (Cl. 235—62.)



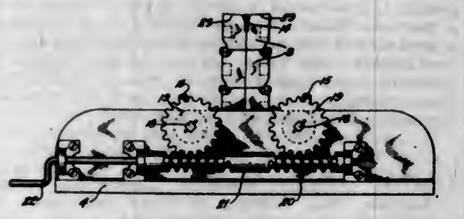
13. In a machine of the character described, the combination of a rock shaft, a manually operable part for turning said rock shaft from a starting position, a separate independently operable part for turning said shaft from said starting position while said manually operable part remains unoperated, a full stroke pawl pivotally supported by the rock shaft, a rigid segment having notches adapted to be engaged by said pawl when said shaft is turned by said manually operable part, an element settable to prevent said pawl from engaging the notches in said segment, a device operable independently of said manually operable part to set said element to prevent said pawl from engaging the notches in said segment, and means preventing operation of said manually operable part when said element is in position to prevent said pawl from engaging said notches.

1,624,105. CALCULATING AND RECORDING MACHINE. WALTER W. LANDSIEDEL, Norwood, Ohio, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed May 9, 1924. Serial No. 712,033. 37 Claims. (Cl. 235—60.)



12. A calculating machine comprising a calculating mechanism operable from and to clear position in performance of calculations, a total key device, a block arm for preventing operation of said total key device when said calculating mechanism is out of clear position, means under control of said calculating mechanism whereby said block arm is retained in position to prevent operation of said total key device when said clearing mechanism is out of clear position, and means for moving said block arm to position to permit operation of said total key device when said calculating mechanism is in clear position.

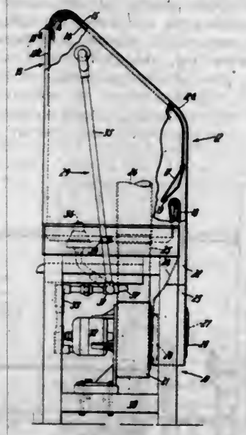
1,624,106. LIFTING JACK. ADOLPH S. LARSON, North Lake, Wis. Filed Jan. 24, 1925. Serial No. 4,499. 2 Claims. (Cl. 254—97.)



1. In a lifting jack, the combination with a frame, of a pair of articulated chain type sections operatively connected together and movable toward and away from each other to form a collapsible lifting standard, guide means for turning the sections from horizontal to vertical, sprockets engageable with the links of each of said sections at the turn to operate the standard, the guide means extending upwardly to substantially the center line between the axes of said sprockets, and means for actuating said sprockets.

1,624,107. FUME-DISPOSAL APPARATUS FOR WORK-BENCHES. JOSEPH LINDBURG, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 8, 1923. Serial No. 667,430. 10 Claims. (Cl. 98—115.)

1. An apparatus for removing fumes from a work bench, some of the fumes being lighter and others heavier than air, comprising a hood having a front and a rear wall, the rear wall extending upwardly from the bench then forwardly over the bench and curved downwardly to an opening in the front of the hood, the front wall terminating within and near the top and bottom portions of the rear wall with a space intermediate the walls extending across the top of the hood, means communicating with the bottom of the hood for sucking the fumes lighter than air over the top terminal of the inner wall



downwardly between the walls and the fluid heavier than air down under the lower terminal of the inner wall and through the sucking means and a conduit for conducting the fumes away.

1,624,108. SHUTTLE MECHANISM FOR LOOMS. JONATHAN LUCAS, Savannah, Ga., assignor to Lucas-Lamborn Loom Corporation, New York, N. Y., a Corporation of New York. Filed May 16, 1925, Serial No. 30,656. Renewed Nov. 1, 1926. 11 Claims. (Cl. 139—141.)



11. In the loom, the combination of a shuttle, carriers movable toward and away from each other, supporting devices on said carrier for supporting said shuttle in alternate sequence and protecting devices mounted upon said carriers and projecting inwardly therefrom, said protecting devices in the innermost position of the carriers, cooperating to form a protecting enclosure for the shuttle and the supporting devices.

1,624,109. INCANDESCENT ELECTRIC LAMP. DUNCAN MACRAE, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Dec. 2, 1921. Serial No. 519,509. 7 Claims. (Cl. 176—16.)

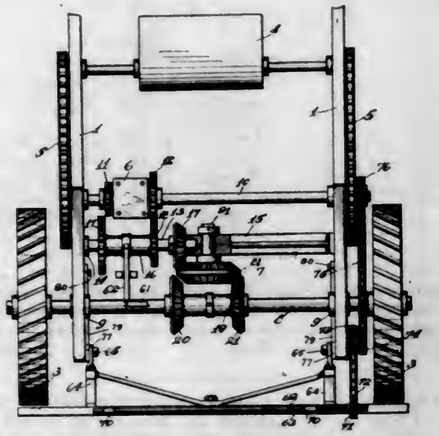
3. An incandescent electric lamp of the vacuum type having a low residual gas content and an unactivated getter which on initial-burning of the filament is completely vaporized without the evolution of a harmful amount of permanent gas.

1,624,110. TRACTOR. MALCOLM MONCREIFFE, Big Horn, Wyo. Filed Apr. 12, 1920. Serial No. 373,076. 2 Claims. (Cl. 180—14.)

1. In a self propelled vehicle, the combination of a motor, a reversible power transmission gearing for propelling the vehicle in a rearward direction, a vertically adjustable pusher bar extending across the rear of the vehicle and a shaft on the pusher bar extending across the rear of the vehicle and operable from the motor.

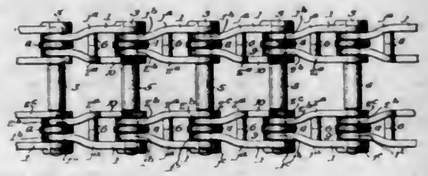
2. In combination in a vehicle having a drive wheel at one end and a guide wheel at the opposite end, means

for selectively propelling the vehicle in either direction of travel; steering mechanism for controlling the guide wheel and comprising an upright support on the vehicle, a steering column rotatably supported by said upright support, controlling means at the upper end of said column for rotating the latter and a steering gear secured to the lower end of the column, a horizontally disposed shaft for controlling said guide wheel, a gear member non-rotatably but slidably mounted on said shaft and adapted to be adjusted so as to selectively mesh with diametrically opposite sides of said steering gear, whereby rotation in one direction of the steering column may be



transmitted to rotation of said shaft in either direction according to the position of adjustment of said gear member and whereby the same movement of said controlling means is operable to similarly guide the vehicle in either direction of travel; a seat revolubly mounted on said support and adapted to be swung thereabout to face either forwardly or rearwardly of the vehicle, and locking means controlled by the weight of the seat for maintaining the seat in either position of adjustment; and means for effecting adjustment of said gear member and operable as an incident to swinging of said seat from one position to the other without materially varying the height of said seat or controlling means.

1,624,111. HEAVY-TENSION LAP-LINK CHAIN. WALTER J. MULLALLY, Chicago Heights, Ill., assignor to American Manganese Steel Company, Chicago, Ill., a Corporation of Maine. Filed Sept. 24, 1923. Serial No. 664,636. 4 Claims. (Cl. 74—32.)



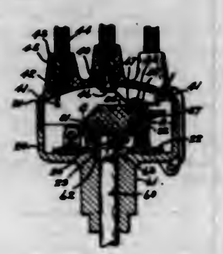
3. In heavy tension lap link chains, links composed each of two separately formed side members, deflected intermediately of their ends to vary the spacing at their respective ends, sleeves separately spacing said links at one end, and lugs on the respective side members, adjacent their intermediate deflections, abutting together to resist straightening of the side members under longitudinal strains thereon, but relatively movable to avoid loading one side member by another.

1,624,112. WHEEL AND BRAKE DRUM. THOMAS E. MURRAY, Brooklyn, N. Y. Filed Mar. 11, 1924. Serial No. 698,400. 8 Claims. (Cl. 301—6.)



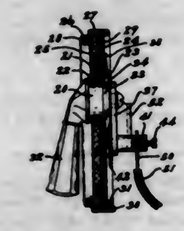
7. A vehicle wheel comprising a metal disc formed of a plurality of annular parts, the outer edge of an inner part and the inner edge of the next outer part having adjacent flanges and a third member welded to the edges of said flanges.

1,624,113. IGNITION APPARATUS. HARRY E. NORVIEL, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Nov. 20, 1923. Serial No. 675,928. 4 Claims. (Cl. 200—21.)



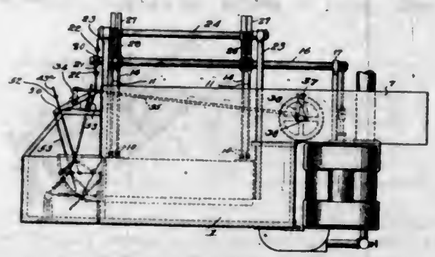
2. Ignition timing and distributing apparatus comprising, in combination, a driving shaft, a breaker lever, a distributor head, a metallic cupped member detachably engageable with the end portion of said shaft and directly driven thereby and having an annular flange shaped to provide a timer cam, a body of phenolic condensation product molded to said cupped member, and a distributing conductor attached to said body.

1,624,114. CONTROL FIXTURE. HARRY E. NORVIEL, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Aug. 12, 1924. Serial No. 731,689. 2 Claims. (Cl. 74—39.)



1. A manually operable controlling fixture for automobiles comprising, in combination, a plate adapted to be attached to the instrument board of the automobile; a shaft extending through the plate and having a handle adjacent the front of the plate; a washer attached to the shaft adjacent the back of the plate and having resilient fingers bearing against the back of the plate and a crank connected with the shaft adjacent said washer.

1,624,115. HYDRODYNAMIC POWER MACHINE. LEMON L. OSBORN, Los Angeles, Calif. Filed May 12, 1925. Serial No. 29,818. 14 Claims. (Cl. 253—17.)



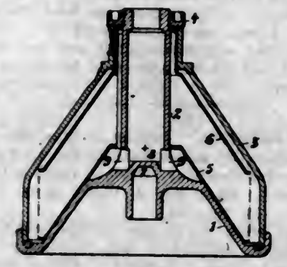
1. In a machine of the class described, the combination with a casing, of sets of operated devices in said casing, each of said sets including a float and a bucket, means for alternately supplying liquid simultaneously to a bucket in one set and to or under the bottom of the float in the same set, a shaft, means connecting each set of said devices to said shaft, whereby the shaft is rotated when liquid is supplied to said sets of devices, and valve means in said casing and controlling the supply of liquid to said sets of operated devices.

1,624,116. ARTIFICIAL BAIT. ALBERT J. PUTNAM and JOHN W. WILSON, Kalispell, Mont. Filed July 6, 1926. Serial No. 120,684. 2 Claims. (Cl. 43—42.)



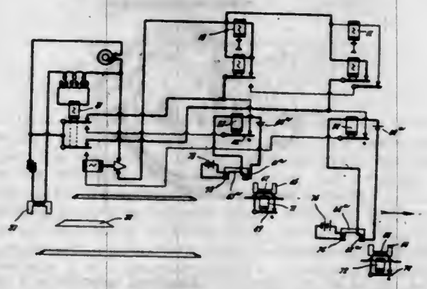
1. An artificial bait having a spoon portion at its tail end provided with means for attachment of a hook, a vane portion at its head end, and a shank portion between said spoon and vane portions, said spoon and shank portions being longitudinally and transversely of concavo-convex form, and an attaching member located at the junction of said shank and vane portions, the vane portion extending upwardly and forwardly at an oblique angle to the chord of the line of longitudinal curvature of said spoon and shank portions.

1,624,117. SELF-ADJUSTING CENTRIFUGAL BOWL. JOHANNES VALDEMAR MÄRTEN RISBERG, Sodertelje, Sweden, assignor to Aktiebolaget Baltic, Stockholm, Sweden, a Corporation of Sweden. Filed Oct. 26, 1921, Serial No. 510,648, and in Sweden Jan. 15, 1920. 1 Claim. (Cl. 233—23.)



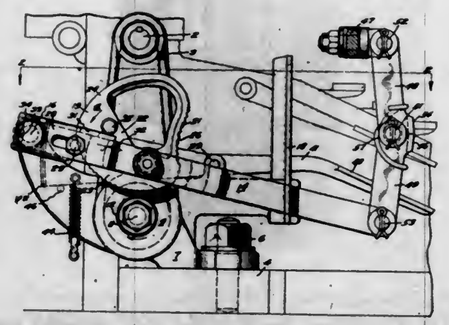
A separator bowl freely suspended at the upper end of its driving spindle and provided with superposed conical discs, including a bottom having a central, downwardly extending socket closed at its upper end, the end wall of said socket constituting the suspension point of the bowl, and a central inlet tube, the bottom of which is formed by the end wall of said socket, said end wall being located below the inner edge of the bottom disk, said central tube being provided with openings communicating directly with the space between the bottom wall of the drum and the bottom disk and located substantially in the plane of said end wall.

1,624,118. AUTOMATIC TRAIN CONTROL. DANIEL HERBERT SCHWEYER, Easton, Pa. Filed Apr. 21, 1925. Serial No. 24,755. 7 Claims. (Cl. 246—63.)



1. Automatic train control apparatus including a body of magnetic material on the trackway, two inductors on the trackway associated with said body and each including a control coil in an electric circuit, means controlling said circuits for different traffic conditions, and vehicle-carried control means including an inductor affected inductively when passing said body to obtain an initiating effect and one control condition, and including other inductors energized by direct current and cooperable inductively with said trackway inductors whereby when the respective aforesaid circuits are closed the initiating effect is nullified and other controlling conditions are obtained selectively.

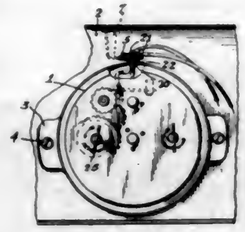
1,624,119. DEVICE FOR LIFTING ASSEMBLY ELEVATORS. CLIFFORD E. J. SIMKINS, San Francisco, Calif. Filed June 28, 1924. Serial No. 721,636. 4 Claims. (Cl. 190—31.)



1. In a device for lifting an assembly elevator, a rotatable shaft, a lifting arm connected to said elevator, a fixed stop for limiting the downward movement of said

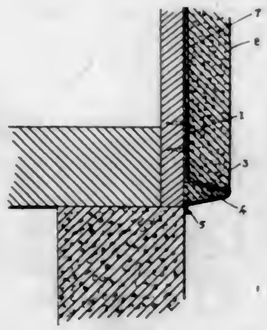
lifting arm, cam means operated by said shaft for lifting said arm from said stop, key controlled means for establishing an operative connection between said cam means and said shaft and for interrupting said operative connection automatically when said arm is lowered, and means operable within predetermined load limits for connecting said arm to said assembly elevator.

1,624,120. ELECTRIC SWITCH. JOHN E. SPRINGER and ROBERT A. HARRY, Baltimore, Md. Filed Jan. 24, 1923, Serial No. 614,642. Renewed Dec. 2, 1925. 1 Claim. (Cl. 200—35.)



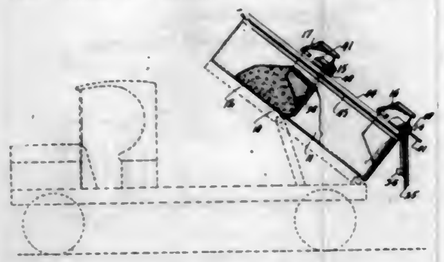
A device of the character described comprising a clock mechanism at which one end of an electric circuit is grounded, a setting lever, means by which said lever is pivoted on the clock case and by which said ground is established, a contactor embodied in the clock mechanism and adapted to be vibrated thereby at a set time, a contact pin to which the other end of the circuit is connected, and means by which said pin is insulatively mounted on the lever, said lever being adapted to either sustain the pin in an engageable or non-engageable position in respect to the contactor.

1,624,121. ANCHORING FLANGE. HERMAN C. THIEM, Rochester, N. Y. Filed Sept. 4, 1926. Serial No. 133,523. 2 Claims. (Cl. 72—123.)



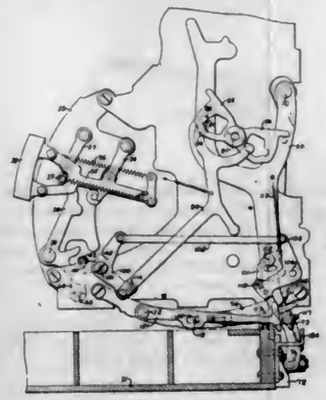
1. An anchoring flange for the lower horizontal edge of stucco and plaster coatings comprising a metal base strip, a triangular hollow supporting ledge having holes in the top thereof projecting from said metal base strip and an outwardly curved flange on the underside of said supporting ledge and at the inner end thereof.

1,624,122. BATCHING APPARATUS. WILLIAM M. VENABLE, Pittsburgh, Pa., assignor to Blaw-Knox Company, a Corporation of New Jersey. Filed Nov. 7, 1922. Serial No. 599,529. 15 Claims. (Cl. 298—8.)



1. The combination of a dumping container, and a lateral closure structure therefor, said closure structure comprising a gate for controlling the discharge from the container and also comprising an auxiliary cement compartment.

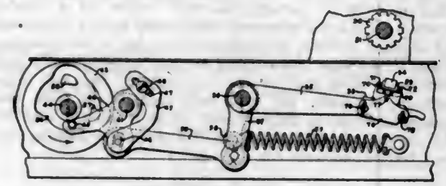
1,624,123. CASH REGISTER. EDWARD J. VON PEIN, Dayton, Ohio, assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a Corporation of Maryland. Filed Mar. 11, 1924. Serial No. 698,436. 9 Claims. (Cl. 235—22.)



1. In a machine of the class described, the combination of a cash drawer, a latch adapted to retain said drawer in inaccessible position, manipulative means for operating said latch to release said drawer, driving arms adapted to move said drawer into accessible position, a full-stroke device for said driving arms, a bracket on said cash drawer, an arm adapted to be engaged by said bracket to intercept said drawer, and means operated by said driving arms for raising said intercepting arm out of engaging position with said bracket after said full-stroke device becomes effective.

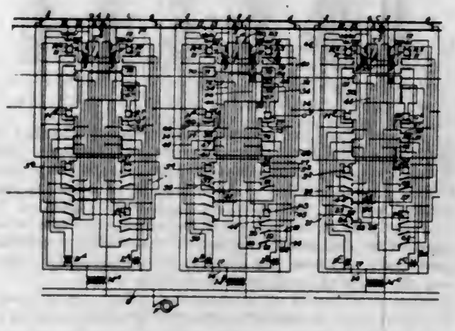
1,624,124. PRINTER. EDWARD J. VON PEIN, Dayton, Ohio, assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a Corporation of Maryland. Filed May 4, 1925. Serial No. 27,831. 8 Claims. (Cl. 101—93.)

1. In a printing mechanism, a type member, an impression hammer adapted to take impressions from said type member on record material, a driving shaft, a disk secured to said driving shaft, a groove in said disk formed concentric with said shaft, a second groove in said disk portions of which coincide with said first mentioned groove and other portions of which are eccentric, means for disabling said impression hammer, and means operatively connected to said impression hammer adapted to



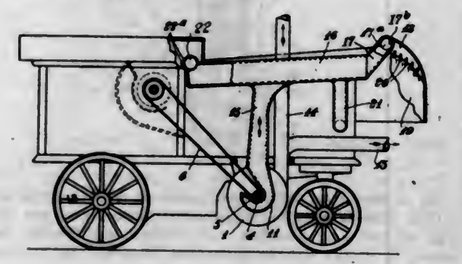
move in the concentric groove when said hammer is disabled and in a portion of the concentric groove and in the eccentric groove when said hammer is not disabled.

1,624,125. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HERBERT A. WALLACE, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed July 5, 1923. Serial No. 649,442. 32 Claims. (Cl. 246—34.)



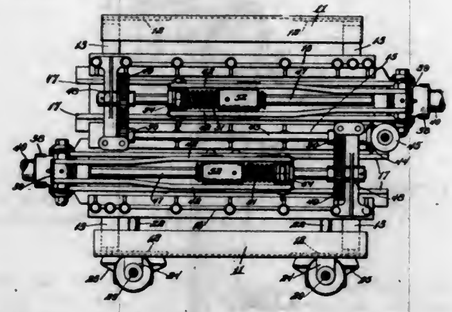
1. In combination, a stretch of railway track, a relay, a local circuit for said stretch including the track rails of said stretch in multiple and also normally including a winding of said relay, means for at times removing said relay from said circuit, and traffic governing means controlled by said relay.

1,624,126. THRASHING MACHINE. AXEL EDVARD HENRIKSON WALLENBERG, Vasteriosa, Sweden. Filed Sept. 15, 1923, Serial No. 662,812, and in Sweden June 21, 1922. 2 Claims. (Cl. 130—29.)



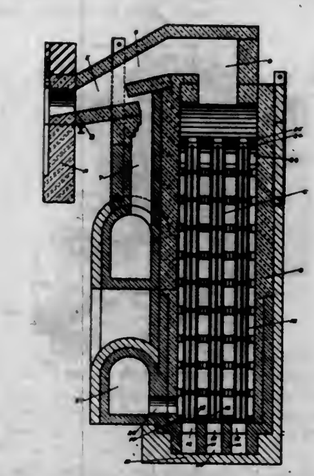
1. In a thrashing machine, the combination with a dust suction fan blower, of suction conduits leading from said blower to the feed opening, the straw outlet and the interior of the machine, and a chaff blower coaxially mounted with reference to said other blower and being separated therefrom and from said suction conduits.

1,624,127. ROAD-GRADER AXLE ASSEMBLY. FRANKLIN E. ARNDT, Galion, Ohio, assignor to The Galion Iron Works & Mfg. Co., Galion, Ohio, a Corporation of Ohio. Filed Aug. 21, 1924. Serial No. 733,406. 5 Claims. (Cl. 280—80.)



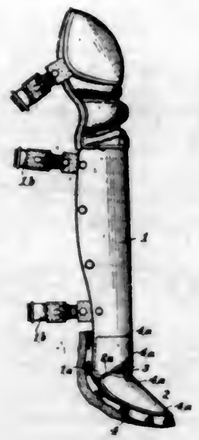
1. In a machine of the character described, an extensible rear axle section mounted for transverse movement to extend or retract the axle, a knuckle pivotally mounted upon the extremity of the axle section and carrying a wheel, means for operating said knuckle including a shaft extending parallel to the axle section and held from longitudinal movement, a worm sleeve having rotative engagement with the shaft but being longitudinally shiftable therealong, a fixed member having screw-threaded engagement with said worm sleeve to thereby cause a longitudinal movement of the worm sleeve as the worm sleeve is rotated, a member controlled by said worm sleeve and operatively connected to the knuckle, and means for manually rotating said shaft.

1,624,128. RECUPERATOR. WALTER O. AMSLER, Pittsburgh, Pa., assignor to The Amsler-Morton Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 27, 1922. Serial No. 590,980. 5 Claims. (Cl. 72—15.5.)



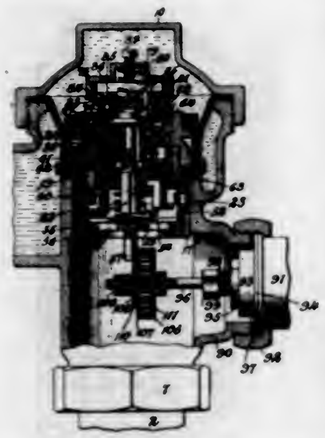
1. A recuperator comprising a vertical chamber having a plurality of vertical refractory pipes extending therethrough, means for introducing hot gases at the top of the chamber, means for withdrawing gases from the bottom thereof, said chamber being relatively open whereby the gases may freely circulate about the pipes and flow down through the chamber to effect an even distribution of heat.

1,624,129. LEG GUARD FOR ATHLETES. WILLIAM BARRETT, Philadelphia, Pa., assignor to George A. Reach, Philadelphia, Pa. Filed July 10, 1926. Serial No. 121,655. 2 Claims. (Cl. 2—22.)



2. A protector of the class described, comprising a leg guard having a concave curved lower edge, an instep guard having a concaved upper edge, the corners at the termini of said concave edges of said parts being juxtaposed, and cushioning means of flexible moisture-proof material secured to the inner faces of the instep guard and lower end of the leg guard, and bridging the space formed by said concaved edges.

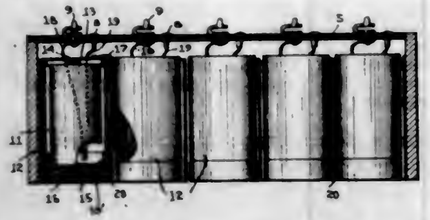
1,624,130. FLUSH VALVE. THOMAS ROBERT BEGGS, Hartford, Conn. Filed Mar. 20, 1925. Serial No. 16,960. 19 Claims. (Cl. 137—93.)



1. In a device of the character described, the combination of a housing having an inlet and an outlet, an outlet valve normally seated on said outlet, means operable by fluid pressure for unseating said valve and slowly raising it, locking means carried by said valve and controlling the application of pressure so as to temporarily prevent the return of said valve to its seat, and means for releasing said locking means when the valve has been raised a predetermined distance, said releasing means being adjustable to vary the distance through which the valve must be moved before the release of the locking means.

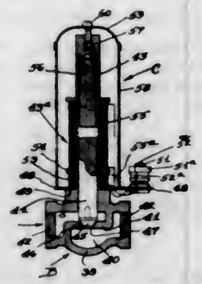
16. In a device of the character described, the combination with a vertically movable valve, of a tiltable member seated beneath said valve and having a depending stem, a slidably mounted rod having a head thereon which is movable transversely but not longitudinally with respect to said rod, means for moving the rod longitudinally to bring the head into engagement with said depending stem to actuate said tiltable member and lift the valve, and yieldable means for normally holding said head concentric with the rod.

1,624,131. BATTERY CASE. CONRAD EDISON BOBBITT, Humboldt, Tenn., assignor of one-half to Lloyd S. Adams and James D. Senter, Humboldt, Tenn. Filed Dec. 13, 1923. Serial No. 680,504. 8 Claims. (Cl. 136—108.)



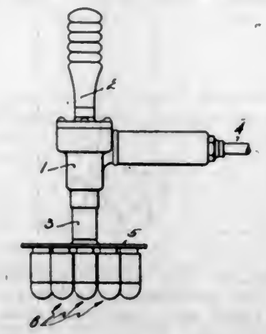
1. A container for batteries comprising a plurality of electrically connected battery receiving chambers, each of said chambers having metallic end closures which are fixedly attached thereto, rings fixedly attached to the opposite ends of the chambers, said rings extending beyond the ends of the aforesaid chambers, caps removably attached to the rings, and means for testing individual battery cells without the removal thereof from the chambers in which the batteries are placed.

1,624,132. GAS-CONTROL APPLIANCE. JAMES WALTER BROWN, Minneapolis, Minn., assignor to Brown Engineering Corporation, Minneapolis, Minn., a Corporation of Minnesota. Filed Mar. 26, 1921. Serial No. 455,931. Renewed Aug. 27, 1926. 1 Claim. (Cl. 137—139.)



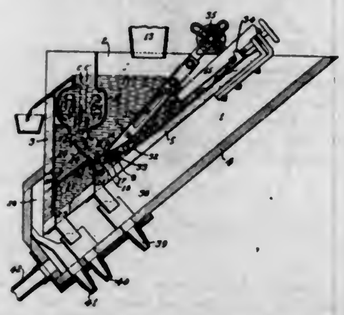
In a device of the class described, the combination with a heater, including a burner, coupled with a gas supply conduit and provided with means for lighting the same, of a gas cut-off mechanism incorporated in said conduit, including a vertically floating valve member adapted, in the absence of resistance, to fall into valve closing position, a solenoid magnet for lifting said valve member, a holding magnet to retain said member in elevated position, a control station at a point removed from the heater, two circuit completing devices at said control station, a circuit for energizing the lifting and holding magnets, including one of said circuit completing devices, and a second circuit for neutralizing the attractive force of said holding magnet, including the other circuit completing device.

1,624,133. MASSAGE APPLIANCE. CHARLES W. CHENEY, Boston, Mass. Filed July 20, 1926. Serial No. 123,739. 4 Claims. (Cl. 128—56.)



1. In a mechanically operated massage appliance of the kind having a rotary supporting disk and a plurality of knobs projecting from one face of the disk, one at least of said knobs comprising telescoping cylindrical members, one of said members being secured to the disk and the other having a removable end closure, said end closure consisting of a plug of hard non-metallic material having a substantially hemispherical flesh engaging surface.

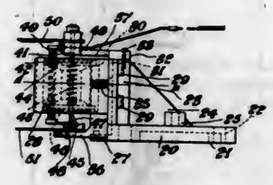
1,624,134. METHOD OF CLASSIFYING CRUSHED ORE AND THE LIKE. SAMUEL H. DOLBEAR, San Francisco, Calif., and BYRON L. EASTMAN, New York, N. Y., assignors, by mesne assignments, to Selective Treatment Company Limited, Montreal, Canada, a Corporation of Quebec, Canada. Filed Jan. 5, 1922. Serial No. 527,164. 3 Claims. (Cl. 209—157.)



1. The method of classifying crushed material which consists in bringing the same into contact with a jet of water, then diverting the course of the jet upwardly into contact with a body of relatively still water, and then causing the projected water to yield a part of its load by centrifugal effect.

1,624,135. ELECTRICAL MEASURING INSTRUMENT. CHARLES EDWIN FOSTER, Letchworth, England. Filed Apr. 16, 1925, Serial No. 23,631, and in Great Britain Jan. 16, 1925. 4 Claims. (Cl. 171—95.)

1. In an indicating or recording instrument, a one-side support for the angularly movable pointer or needle comprising in combination a base member, a vertical member carried by said base member, a member arranged



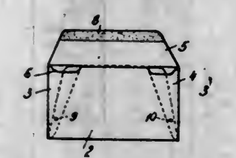
adjacent the pointer on one side thereof for supporting said pointer, and means for slidably mounting said supporting member upon said vertical member.

1,624,136. CUTTING TOOL. HENRY GOLDBLATT, Kansas City, Mo. Filed Nov. 22, 1924. Serial No. 751,430. 1 Claim. (Cl. 72—128.)



In a device of the kind described, a handle comprising three members disposed side by side, a U shaped blade having its arms disposed respectively between the middle member and said outer members, said arms having correspondingly disposed notches in their lateral edges, and a clamping screw extending through and connecting said outer members by which they may be made to clamp said arms against the middle member, said screw extending through and being laterally insertable in and of substantially less diameter than said notches and removable from said arms through said notches, the blade thereby being circumferentially and adjustable radially in all directions relatively to said screw.

1,624,137. ENVELOPE. GEORGE FRANCIS HOGAN, Chicago, Ill. Filed Apr. 9, 1924. Serial No. 705,195. 5 Claims. (Cl. 229—76.)



1. An envelope comprising a front portion, a bottom flap, two side flaps, a sealing flap, and means for loosely holding said bottom flap against one side flap at one point, the said bottom flap being fixed to this side flap at another point by a ruptrable connection, whereby these two flaps can be separated readily.

1,624,138. OIL GUN. PETER J. JORGENSEN and CLARENCE H. JORGENSEN, Chicago, Ill. Filed Nov. 20, 1922. Serial No. 602,244. 4 Claims. (Cl. 221—47.3.)

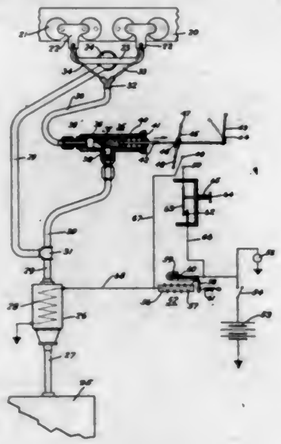
1. An oil gun comprising in combination a cylinder having a discharge port at one of its ends, an end closure member, an externally threaded gland in engagement with said closure member, a piston in said cylinder

having an externally threaded stem and means carried by said gland member adapted to be brought into and out



of engagement with the threads on the said stem, the said gland having threads of lesser pitch than the threads on the said stem.

1,624,139. FUEL-SUPPLY DEVICE. CHARLES F. KETTERING, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Mar. 29, 1924. Serial No. 702,992. 8 Claims. (Cl. 123—187.5.)



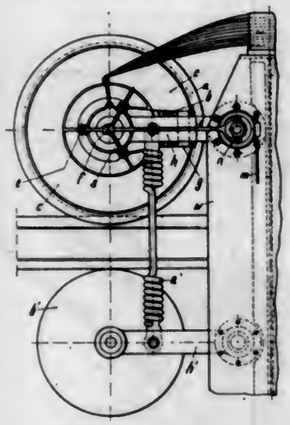
1. A fuel supply device for an internal combustion engine including an intake passage, comprising in combination, main fuel supply apparatus including a fuel tank, pump and carburetor; a priming device connected to the pump and inlet passage, said device being normally inoperative; means for rendering the priming device operative and the pump inoperative; and means for reestablishing the pump operation while the priming device is operative.

1,624,140. COLLAPSIBLE TUBE. KARL KIEFER, Cincinnati, Ohio. Filed Sept. 21, 1923. Serial No. 664,079. 4 Claims. (Cl. 221—60.)



3. A collapsible tube having a self-sustaining closure consisting solely of intimately contacting portions of the tube walls having sharp folds which cross each other.

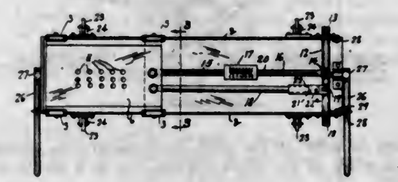
1,624,141. BRAKING ARRANGEMENT FOR HIGH-SPEED SUSPENSION RAILWAYS. FRANZ KRUCKENBERG and CURT STEDEFELD, Heidelberg, Germany; said Stedefeld assignor to said Kruckenberg. Filed Jan. 24, 1925, Serial No. 4,574, and in Germany Aug. 29, 1923. 9 Claims. (Cl. 188—42.)



1. In a braking device for a high speed suspension car the combination with the car body and one of the suspension wheels therefor, of an arm member pivoted at one end to the car body and having said suspension wheel supported at the free end, means for braking said wheel, mechanism for actuating said braking means, said actuating mechanism being disposed adjacent to the pivot of said arm.

1,624,142. BRAKE GAUGE. EDWARD L. MACABEE and FABIAN E. MACABEE, Hayward, Calif. Filed Nov. 19, 1925. Serial No. 69,992. 6 Claims. (Cl. 265—1.)

1. A brake gauge of the character described, comprising a member having two parallel rails, wheels riding on the rails having a platform suspended therefrom adapted to have a vehicle wheel rest thereon, means for exerting pull on the platform and a gauge associated with the latter means allowing the force necessary to revolve the wheel against a brake applied thereto to be determined.



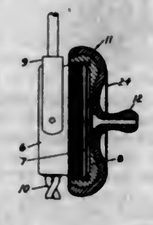
5. A brake gauge of the character described, comprising movable means for frictionally engaging the periphery of a wheel, a shaft supported transversely to the direction of travel of and at a distance from said means, a handle on the shaft for turning the same, an arm extending from the shaft and a rod connecting the said arm with the said means for exerting pull on the latter, said rod comprising two relatively movable sections with a force-measuring gauge connecting the sections and allowing the pull necessary to move the said means to be measured.

1,624,143. SHOE TONGUE AND FASTENER. BERNARD C. MCENTEE and LOUIS H. CONSTANT, Wichita Falls, Tex. Filed Mar. 25, 1926. Serial No. 97,343. 14 Claims. (Cl. 36—54.)



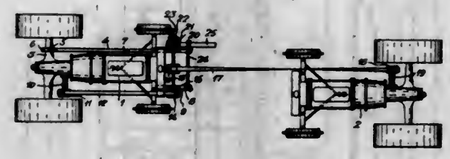
1. A shoe including a top having spaced edge portions provided with eyes, a tongue to extend beneath the spaced edge portions of said top in underlying relation to the eyes, a portion of said tongue being adapted to be disposed in overlying relation to the eyes of said top, and fasteners adapted to be passed through said eyes and releasably connect the overlying and underlying portions of said tongue.

1,624,144. SOUND-RECEIVING EARPIECE. HARRY J. MATHIEU, Oakland, Calif. Filed Feb. 16, 1925. Serial No. 9,501. 1 Claim. (Cl. 179—182.)



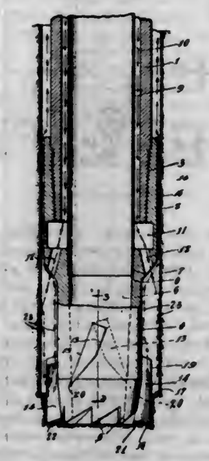
An attachment for a phone receiver comprising a cap of resilient material having a concavo-convex surface and having a major diameter adapting it to be snapped over and to grip the earpiece of the receiver, and having an apertured nipple integrally formed therewith and adapted to enter the canal of the auditor's ear when the receiver is placed to the ear; said attachment being constituted as a unitary piece of soft rubber.

1,624,145. COMBINATION POWER-TRANSMISSION DEVICE. GEORGE M. MOSHER, Jenkins Township, Mitchell County, Iowa. Filed Nov. 16, 1925. Serial No. 69,445. 2 Claims. (Cl. 180—53.)



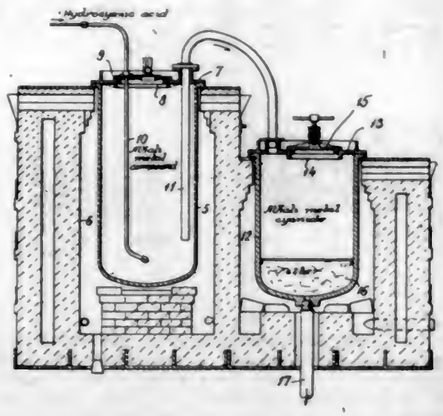
1. In combination, independent power plants separately mounted for transportation, a driven rotatable shaft mounted on one of said power plants, power transmission devices connected between said power plants and said shaft to rotate it in one direction, and another power transmission device driven by said shaft.

1,624,146. CORE DRILL. FAY OLIVER, Whittier, Calif., assignor, by direct and mesne assignments, to Elliott Core Drilling Company, a Corporation of California. Filed Feb. 16, 1925. Serial No. 9,455. 11 Claims. (Cl. 255—72.)



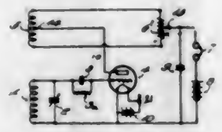
1. In a rotary core drill, the combination of a hollow core drill head having an exteriorly downwardly tapered portion terminating in an annular cutter at its lower end, a plurality of initial cutting blades on said tapered portion of the head extending outwardly beyond said annular cutter, and a plurality of reaming blades on said head extending outwardly beyond said initial cutting blades, the cutting edges of the reaming blades being above the cutting edges of the initial cutting blades.

1,624,147. PROCESS OF PREPARING ALKALI-METAL CYANIDES. ROBERT W. POINDEXTER, Jr., Los Angeles, and PAUL T. DOLLEY, Los Angeles County, Calif., assignors to California Cyanide Company, Incorporated, New York, N. Y., a Corporation of Delaware. Filed Apr. 17, 1926. Serial No. 102,612. 17 Claims. (Cl. 23—79.)



1. The process of preparing alkali metal cyanides, which comprises introducing hydrocyanic acid into a molten mass containing an alkali metal compound capable of reacting therewith.

1,624,148. SIGNAL-RECEIVING CIRCUITS. EDWIN L. POWELL, Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Mar. 6, 1926. Serial No. 92,893. 11 Claims. (Cl. 250—27.)



1. An electron tube system comprising in combination with an electron tube having grid, filament and plate electrodes, an input circuit including said grid and filament electrodes, an output circuit including said plate and filament electrodes, and a differential circuit interlinking said input and output circuits comprising an inductance shunted by an impedance, said impedance becoming increasingly large in one portion of said differential circuit while said impedance decreases in another portion of said differential circuit, one portion of said differential circuit operating to facilitate regeneration in said circuits, and another portion of said differential circuit operating to reduce the tendency of said circuits to regenerate, whereby a balanced condition of operation of said circuits may be maintained in a predetermined state of regeneration or oscillation.

1,624,149. LANTERNS CALLED PERSONAL CHARACTER READERS. ALFREDO L. ROMERO, San Francisco, Calif. Filed June 19, 1925. Serial No. 38,234. 2 Claims. (Cl. 273—161.)

1. In personal character-reader star lanterns, twenty-four or so in number and varieties—provided with personal character readings of human beings, with the ideal colors for them to wear, as per books on zodiacs, said personal character-reader star lanterns are divided into



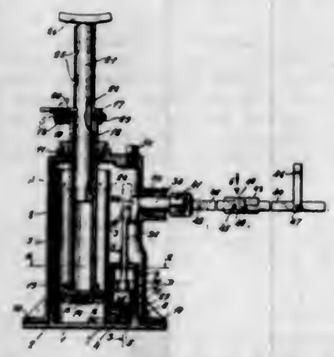
twelve months of the year, each lantern to correspond to each sex of the human beings for each month of the year.

1,624,150. LUMBER GAUGE. JOHN SCHERER, Marinette, Wis. Filed Mar. 20, 1926. Serial No. 96,183. 4 Claims. (Cl. 33—168.)



1. A lumber gauge comprising a body having a surface adapted to engage the side of a piece of material to be gauged, a handle secured to the opposite surface of said body, means adjacent one edge of said body adapted to abut an edge of said piece of material, said opposite edge of said body having a plurality of spaced projections thereon disposed in a line extending at an angle to said first mentioned edge and over which a finger of a hand grasping said handle may be moved to feel the top surface of the piece to be gauged, and to select the particular projection most nearly flush therewith.

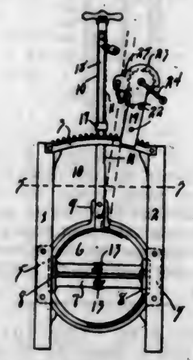
1,624,151. HYDRAULIC JACK. JOSEPH P. SHEVLIN, Denver, Colo., assignor to Aladdin Hydraulic Jack Company, Denver, Colo., a Corporation of Colorado. Filed July 14, 1925. Serial No. 43,499. 8 Claims. (Cl. 138—9.)



1. A hydraulic jack comprising lifting and pump cylinders having associated pistons and piston rods, and an operative connection between the cylinders for the transfer of liquid in the operation of the jack, and a tight casing enclosing both cylinders and forming a chamber for the liquid, the cylinders being in open communication above their pistons with the chamber of the casing.

7. A hydraulic jack comprising, in combination, a base member, a casing member open at one end and adapted to be secured to the base in such a manner that the base forms a closure for the open end whereby a closed reservoir is formed for the reception of a liquid, a plunger cylinder secured at its lower end to said base, a pump cylinder secured at its lower end to said base, said plunger and pump cylinders being entirely enclosed within said casing and having their upper ends spaced from the casing, a communicating passage between said cylinders, a pump piston in the pump cylinder, a plunger in the plunger cylinder and means extending through the casing for operating the pump piston.

1,624,152. HEAD GATE. JAMES A. SMITHAM, San Juan, Tex., assignor to Valley Iron Works, San Juan, Tex., a Corporation of Texas. Filed June 29, 1926. Serial No. 119,505. 2 Claims. (Cl. 251—56.)



1. A head gate comprising a frame and a bell or union attached thereto, a cross-head slidably engaging said frame and a gate carrying said cross-head, means for tightening said gate against said bell consisting of a threaded plunger attached to said cross-head and a threaded clamp attached to said gate and engaging said plunger, a handle attached to said gate, a rack attached to said frame, a dog carried by said handle adapted to engage said rack, and means for locking said dog to said rack at different positions of said gate.

1,624,153. FOOD PRODUCT. EDMUND H. TWIGHT, Fresno, Calif. Filed July 27, 1925. Serial No. 46,484. 12 Claims. (Cl. 99—16.)

1. The process of making a food product from fruit juice alone, which comprises concentrating the juice to form a plastic mass, and agitating the mass to incorporate air therein until solidification is imminent.

12. A candy comprising solidified fruit juice having minute bubbles of gas incorporated therein.

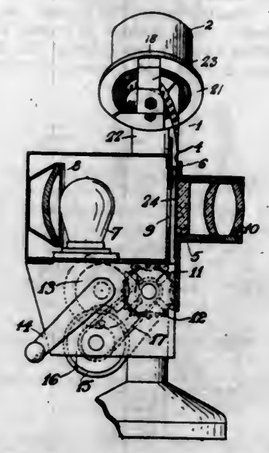
1,624,154. VITAMINE PREPARATION. MAX WINCKEL, Berlin, Germany, assignor to Herman G. Weicker, trustee, Montclair, N. J. Filed Aug. 11, 1925. Serial No. 49,655. 3 Claims. (Cl. 99—11.)

1. A process of preparing a vitamine preparation which comprises inoculating skim milk with a culture of sour milk bacillus, fermenting, keeping the acidity down with addition of alkaline earth metal carbonates which do not form physiologically poisonous products, continuing the fermentation until the milk congulates, adding yeast, continuing the fermentation for a few hours and neutralizing the product.

1,624,155. TOBACCO WAX AND PROCESS FOR PRODUCING THE SAME. SAMUEL AMSTER, Richmond, Ky. Filed Mar. 12, 1925. Serial No. 14,921. 1 Claim. (Cl. 87—19.)

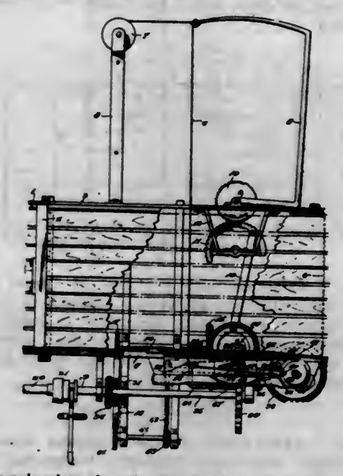
A process for extracting the wax-like substance from tobacco leaves and stems which comprises leaching the leaves and stems with hot water at a temperature below 212° F. for approximately 48 hours, then draining the hot liquid from the leached leaves and stems, and removing the water from the hot liquid by evaporation, whereby the wax-like substance is recovered as a residue therefrom.

1,624,156. FILM PROJECTOR. PERCY DOUGLAS BREWSTER, East Orange, N. J., assignor to Wyko Projector Corporation, a Corporation of New York. Filed Mar. 2, 1925. Serial No. 12,511. 3 Claims. (Cl. 88—18.7.)



1. In a film magazine for moving picture machines, comprising a cylindrical container open at its lower end and having a radial flange at its open end, a stationary ring forming a base engaging said flange to support the container and permit rotation thereof about its axis, and means carried by the base and extending into the flanged open end of the container for guiding the film through said base.

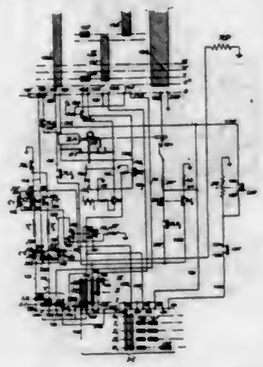
1,624,157. BALING-WIRE TIER. JAMES O. CARROLL, Pittsfield, Ill., assignor of fifty-one per cent to Charles P. Carroll, Kansas City, Mo. Filed July 8, 1925. Serial No. 42,382. 9 Claims. (Cl. 100—20.)



1. A mechanism for the purpose set forth comprising a tubular twister body mounted in fixed bearings on the side of a baling press and having an open side, a longi-

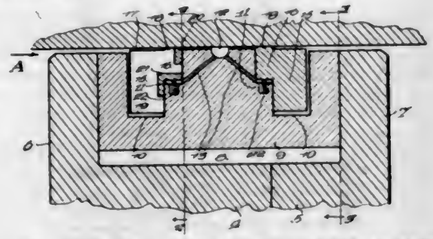
tudinally disposed rib fixed in the twister body and extending diametrically across the same to the open side thereof, means for disposing a wire to be tied at opposite sides of the rib and longitudinally within the body, yieldable means near one end of the body and in constant axial alinement therewith for forming a bight in the wire and holding the wire at the bight, and means for rotating the twister body.

1,624,158. ELECTRICAL CONTROL SYSTEM. PAUL CHARPENTIER, Paris, France, assignor to Forges & Ateliers de Constructions Electriques de Jeumont, Societe Anonyme, Paris, France, a French Joint Stock Company. Filed June 29, 1925, Serial No. 40,332, and in France Aug. 2, 1924. 15 Claims. (Cl. 172—179.)



3. An electric control system, comprising a master switch, a plurality of contactors, means for selecting the contactors to be operated, means for operating said contactors when selected, means for locking said contactors when operated, and means for locking in non-operated position the contractors not selected, said selecting, operating and locking means being controlled by said master switch.

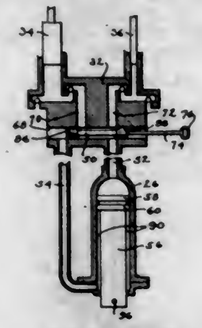
1,624,159. PISTON PACKING. CHARLES LEE COOK, Louisville, Ky., assignor to C. Lee Cook Manufacturing Company, Louisville, Ky., a Corporation of Kentucky. Filed Jan. 19, 1925. Serial No. 3,433. 5 Claims. (Cl. 74—109.)



1. The combination with a piston, of spaced packing rings carried thereby and having portions of their interior surfaces respectively accessible to motive fluid from opposite sides of the piston and vent passageways opening from the inner sides of the rings to the periphery of the piston between the rings.

1,624,160. HYDRAULIC PRESS. ROBERT CRAIG, Dayton, Ohio. Filed May 10, 1926. Serial No. 107,011. 18 Claims. (Cl. 138—17.)

1. In a hydraulic press, in combination, a cylinder, a plunger arranged for forward and back motion in said cylinder, a pump operable to discharge a uniform volume of liquid, and settable means comprising a single valve to regulate the flow of liquid from said pump to said cylinder to impart to said plunger either a slow or fast forward speed or a fast return speed.



16. In a press, in combination, a vertical plunger, means to supply power to said plunger to move it up and down, a work table, means for supporting said table in various positions relatively to said plunger, and devices connecting said table and said plunger whereby the motion of said plunger may be utilized to move said table from one of said positions to another.

1,624,161. SPIRIT LEVEL. JACOB DAY, Duluth, Minn. Filed Mar. 1, 1926. Serial No. 91,605. 2 Claims. (Cl. 33—214.)



1. A level including a stock having a slot therein and provided with a sight opening extending transversely of the slot and intersecting the same, a clip formed from a strip of material folded to provide coacting wings, the clip being snugly accommodated in said slot whereby the wings thereof are held in abutting relation, said wings being formed with registering openings alined with the sight opening of the stock and being crimped to form a sleeve intersected by the registering opening, a bubble glass clamped between the sleeve forming portions of said wings and extending across the sight openings of the clip and stock, means pivotally mounting the clip upon the stock, and means adjustable upon the stock for engaging the clip at opposite sides of the pivot means and rocking the clip to adjust the position of the bubble glass relative to the stock.

1,624,162. PROCESS FOR CONVERTING HAFNIUM AND ZIRCONIUM PHOSPHATES. JAN HENDRIK DE BOER, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Filed June 19, 1925, Serial No. 38,359, and in the Netherlands Aug. 13, 1924. 8 Claims. (Cl. 23—24.)

1. A process for converting hafnium and zirconium phosphates into other hafnium and zirconium compounds, characterized in that complex hafnium and zirconium compounds are formed by adding the hafnium and zirconium phosphates in a basic medium at least one organic compound in which two adjacent carbon atoms are bound to hydroxyl groups.

1,624,163. METHOD OF CONCENTRATING FIBROUS MATERIALS. SAMUEL H. DOLBEAR and VICTOR ZACHERT, San Francisco, Calif., assignors, by mesne assignments, to Selective Treatment Company Limited, Montreal, Canada, a Corporation of Quebec, Canada. Filed Feb. 16, 1921. Serial No. 445,470. 3 Claims. (Cl. 209—165.)

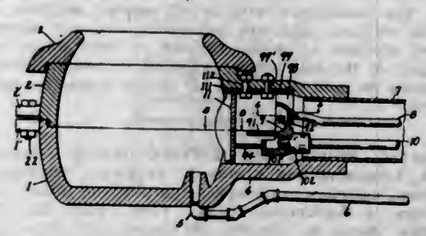
3. The method of separating fibrous substance into divisions according to length which includes aerating an aqueous mixture thereof to recover short fiber separately from long fiber.

1,624,164. EDIBLE-FAT COMPOSITION. HARRY E. DUBIN, New York, N. Y., assignor, by mesne assignments, to H. A. Metz Laboratories, Inc., New York, N. Y., a Corporation of New York. Filed Feb. 19, 1925. Serial No. 10,407. 12 Claims. (Cl. 167—7.)

1. An edible composition comprising a plurality of products each comprising or containing an odd-carbon fatty acid, said composition having a melting point not higher than 37° C. and being substantially free from therapeutically inactive material, objectionable odor and objectionable taste.

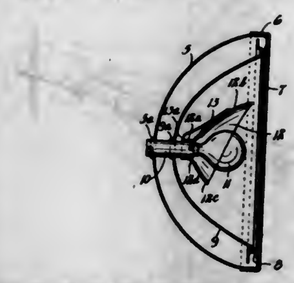
12. A composition as set forth in claim 9 in which the ethyl margarate comprises at least fifty per cent of the composition.

1,624,165. OIL BURNER. ALFRED C. EMERSON, Omaha, Nebr. Filed Mar. 13, 1926. Serial No. 94,426. 9 Claims. (Cl. 158—28.)



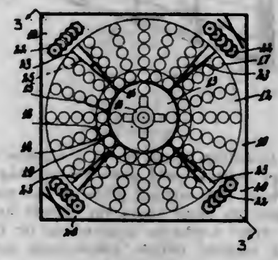
1. An oil burner comprising a combustion chamber, an air passage communicating therewith through a hollow tangentially-disposed connection, a burner head in said hollow connection portion centrally disposed to permit the flow of air past the same, comprising a fuel pipe with a cup-shaped delivery part for the fuel opening forwardly and a horizontally disposed corrugated main distributer plate beneath, said cup being provided with a forwardly-directed air jet opening formed through the said burner delivery part, a pilot chamber beneath the said distributer plate with an auxiliary distributer plate parallel with and beneath the main distributer plate, a pilot baffle in front of said pilot burner with passages directing flame beneath the auxiliary distributer plate, a pilot burner with a perforated extension shield disposed beneath the fuel oil delivery, and a corrugated baffle of angular form suspended within said hollow connection with its angle disposed toward said burner head to spread, distribute and mix the air and fuel to promote combustion, coacting as specified.

1,624,166. AUXILIARY REFLECTOR FOR AUTOMOBILE HEADLIGHTS. ERNST ENDERES, Albert Lea, Minn. Filed Nov. 30, 1925. Serial No. 72,196. 2 Claims. (Cl. 240—48.6.)



2. An article of manufacture comprising an auxiliary reflector of a single sheet of material, said reflector having an integral cylindrical sleeve projecting from its convex surface, said sleeve and reflector being split at one side of said sleeve and for a short distance therefrom, said reflector being elongated and having a comparatively long and flat portion at one side of said sleeve and a shorter more sharply curved portion at the opposite side of said sleeve, said long portion being disposed upwardly and the plane of the front edge of said reflector extending at an angle to the vertical with its lower portion inclined toward the rear of said headlight.

1,624,167. CROSS GAME DEVICE. MARCELINO Y. GARCIA, New York, N. Y. Filed Apr. 22, 1926. Serial No. 103,716. 5 Claims. (Cl. 273—131.)

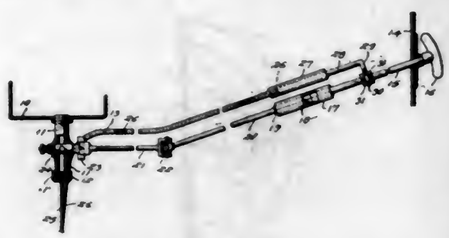


1. In a checker game, a flat element provided with a raised circular portion having its center removed, to permit a raised circular rim with openings and provided with a figure located at the center of the said flat element, said raised circular portion provided with a plurality of circular figures arranged in radial rows, and in line with second raised circular figures located between the inner edge of the said raised circular portion and the said raised circular rim.

1,624,168. COOLING-SYSTEM DRAIN COCK. HERMAN A. GSCHWIND, El Paso, Tex. Filed June 3, 1926. Serial No. 113,570. 1 Claim. (Cl. 137—139.)

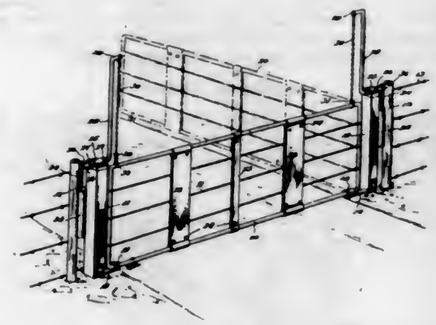
A combined operating and cleaning device for drain cocks comprising a bracket mounted on the drain cock, a tube connected with and supported at one end on the bracket, a cleaning needle slidable in the drain cock, a wire in the tube connected with the needle, a shaft operatively connected with the plug of the drain cock for rotating the latter, said shaft having an angular terminal, a casing fitted on the terminal for slidable movement thereon and for turning the same, a stem on the casing

for manipulating the same, a casing on the other end of the said tube, and an operating rod slidable in the last-named casing and connected with the adjacent end of the



wire and having its other end connected with the said stem whereby upon sliding movement of the first casing the rod will be operated to move the cleaning needle.

1,624,169. GATE. GLENN M. HORNER, Minneapolis, Kans. Filed July 10, 1925. Serial No. 42,824. 3 Claims. (Cl. 39—5.)



1. A gate including spaced posts, a closure mounted at its lower edge between said posts for rocking movement to either side of the vertical plane of the posts, shafts journaled upon the posts above the closure and provided with crank arms normally upstanding in the vertical plane of the closure, flexible connections between said crank arms and the top of the closure, and counter-weights carried by and depending from the shafts whereby said weights swing in the opposite direction to the closure when the closure is rocked.

1,624,170. WINDSHIELD. MATTHEW R. HULL, Connersville, Ind., assignor to Rex Manufacturing Company, Connersville, Ind., a Corporation of Indiana. Filed Oct. 21, 1925. Serial No. 63,987. 2 Claims. (Cl. 296—84.)



1. A windshield for motor vehicles comprising a frame, a fixed section and a laterally slidable section in said frame, and a sheet metal strip bent over the free edge of said slidable section and forming a closure between the sections at one side of the shield and at its other side being rolled to form a longitudinal hand-grip, substantially as set forth.

1,624,171. TOE ADJUSTER. EMELYN O. JOHNSON, Brooklyn, N. Y. Filed Oct. 3, 1925. Serial No. 60,145. 1 Claim. (Cl. 128—81.)

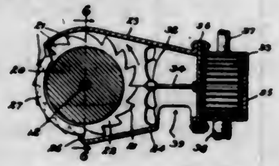


In a toe adjusting device having a main plate and a lateral support to the toe vertically arranged on said main plate, the combination of a strip of stiff material extending rearwardly from and integral with said main plate, and an inner sole formed with a channel engageable with said strip member.

1,624,172. PROCESS OF RECOVERING METALS FROM SOLUTIONS. GASTON J. LEVY, Los Angeles, Calif., assignor to Hollywood Chemical Company, Los Angeles, Calif., a Corporation of California. Filed Dec. 23, 1925. Serial No. 77,365. 5 Claims. (Cl. 75—18.)

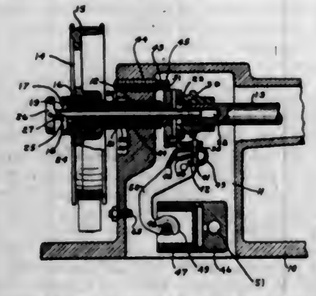
1. A process of treating waste hypo solutions containing silver, comprising adding a metal hydrosulphite to said solutions to precipitate the silver in the metallic form and separating the silver precipitate from said solution.

1,624,173. FISH-CLEANING APPARATUS. PHILIP W. LINDQUIST, Seattle, Wash. Filed Oct. 13, 1925. Serial No. 62,227. 3 Claims. (Cl. 17—3.)



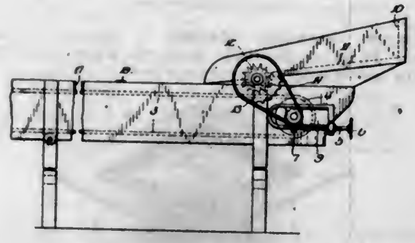
1. The combination with a fish cleaning machine, of a fish cleaning apparatus comprising a rotary scraper wheel arranged to engage the fish on lines which are tangent to the said scraper wheel at its outer surface, a casing for said wheel, and air suction means for said casing.

1,624,174. POWER-TRANSMITTING DEVICE. JOSEPH M. LUCARELLE and VICTOR L. FAYKMAN, Bridgeport, Conn., assignors to Dictaphone Corporation, Bridgeport, Conn., a Corporation of New York. Filed May 29, 1924. Serial No. 716,696. 30 Claims. (Cl. 192—18.)



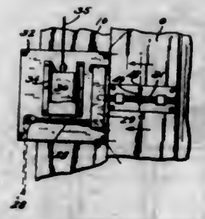
1. In combination, a housing; a driven-shaft supported by the housing; clutch-controlling means mounted within the housing; and a cylinder and piston mounted within the housing for operating said clutch-controlling means,

1,624,175. FEEDER. JOHN J. NEVILLS, Sacramento, Calif., assignor to Libby, McNeill & Libby, Chicago, Ill., a Corporation of Maine. Filed July 11, 1924. Serial No. 725,376. 1 Claim. (Cl. 198—211.)



An olive feeder comprising, in combination, an endless belt, a sloping delivery floor mounted adjacent to said belt, a drum having its axis of rotation parallel with said floor and transversely to the direction of slope of said floor, said axis being disposed slightly below the upper surface of said floor, said drum being longitudinally ribbed to provide a plurality of elongated recesses spaced circumferentially of said drum, means for moving said belt in a direction such that the upper surface thereof moves away from said floor, and means for driving said drum in a direction such that the upgoing side of said drum is toward the upper portion of said slope.

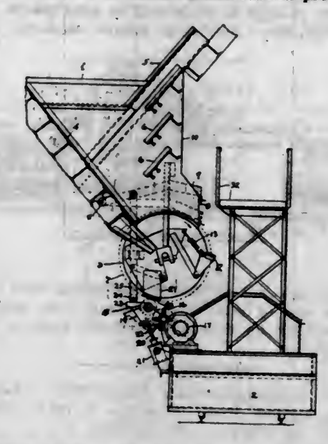
1,624,176. BURGLAR ALARM. THOMAS E. O'CONNOR, Minneapolis, Minn. Filed Nov. 28, 1924. Serial No. 752,601. 1 Claim. (Cl. 177—314.)



The combination with an element to be tripped and a tripping member applicable to a door or window of tripping mechanism for the element including a support hinged for swinging movement in a vertical plane, a latch releasably holding the support in a horizontal position and extending in the path of movement of the tripping member, a weight loosely resting on the support, and a connection from the weight to the element to trip said element when said latch is operated by the tripping element to release said support and drop the weight therefrom.

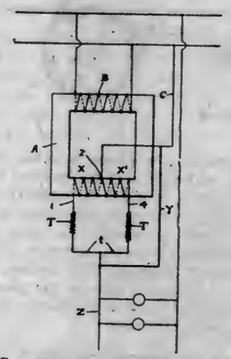
1,624,177. MECHANISM FOR OPERATING ORE-BIN GATES. WILLIAM S. ORR, Massillon, Ohio, assignor, by mesne assignments, to Central Alloy Steel Corporation, Massillon, Ohio, a Corporation of New York. Filed Sept. 21, 1925. Serial No. 57,552. 12 Claims. (Cl. 214—41.)

1. In mechanism of the character described, the combination of a bin having a movable guard and a means whereby material may be discharged from said bin; a car adapted to receive such material when properly posi-



tioned beneath said bin; and means for displacing said guard and means for actuating said discharge means carried by and operable from said car.

1,624,178. ALTERNATING-CURRENT METER. LOUIS A. PAINE, Toronto, Ontario, Canada, assignor to Lincoln Meter Company, Limited, Toronto, Ontario, Canada. Filed Feb. 20, 1922. Serial No. 538,116. 3 Claims. (Cl. 171—34.)

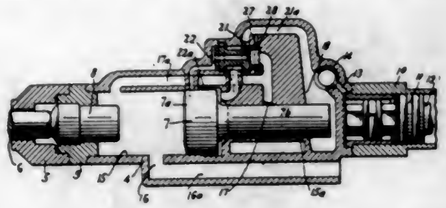


2. In an A. C. meter, the combination with the current coil of a thermal watt meter a pair of heaters differentially connected therewith and connected together, said coil having a current connection mid-way of its length, of a shunt of a predetermined capacity and resistance arranged between the mid point of the current coil and a mid point between the heaters.

1,624,179. FLUID-PRESSURE TOOL. ERNEST PENBERTHY, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed Jan. 27, 1925. Serial No. 5,002. 12 Claims. (Cl. 121—18.)

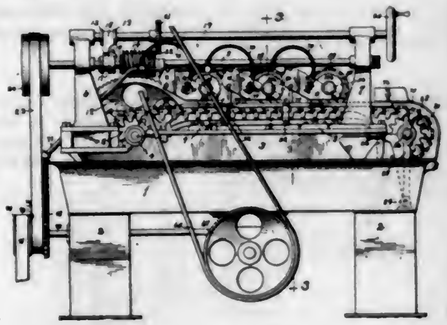
1. In combination in a fluid pressure percussive tool having a cylinder, a hammer piston reciprocable therein having two pressure areas for driving it in one direction and an opposed pressure area for returning it, one of said first named areas being continuously subjected to pressure fluid and the other areas to intermittent pressure, said piston controlling a main exhaust port for both said intermittent areas and also a supply passage to one of said intermittent areas, a valve controlling the supply

of motive fluid to the other of said intermittent pressure areas, said valve being shifted in one direction when said supply passage is uncovered by said piston, a passage continuously supplying motive fluid in limited



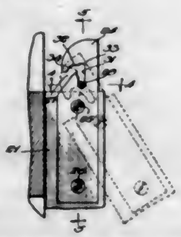
amount to one end of said valve, and a vent passage from said end of said valve controlled by said piston whereby a built up pressure shifts the valve in the opposite direction.

1,624,180. CASTELLATING MACHINE. CHARLES E. PELLOW, Detroit, Mich. Filed Oct. 2, 1924. Serial No. 741,145. 11 Claims. (Cl. 10—72.)



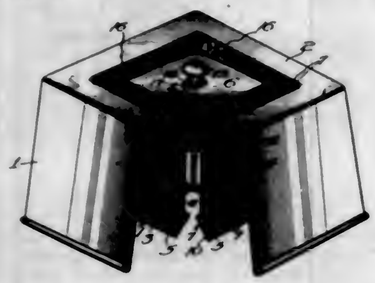
3. In a castellating machine, a series of saws, all in the same plane, an endless chain passing below the saws and formed of links, a guide to support the chain, nut carriers rotatably mounted on the links of the chain and formed with recesses to receive the nuts, means to turn the carriers between the saws, a frame at each saw, and a group of bifurcated spring held fingers slidable within each frame at an oblique angle to the plane of the chain to press down on the nuts on each side of the saw while being acted upon by the saw.

1,624,181. SCREEN HANGER. WILLIAM F. RAPP, Chicago, Ill. Filed May 2, 1924. Serial No. 710,522. 1 Claim. (Cl. 16—172.)



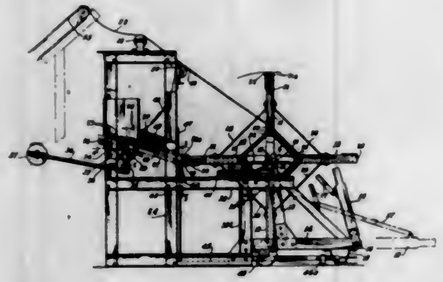
The combination of a window frame having pins in the opposite sides of said frame, with an auxiliary frame for a screen or the like, hangers at the upper ends of the side edges of said auxiliary frame, said hangers having entering slots adapted to receive said pins, locking slots extending downwardly from the said entering slots and adapted to receive said pins when the auxiliary frame is swung inwardly and moved upwardly into closed position in said window frame and camming surfces forming sides of said locking slots to draw said auxiliary frame into said window frame as said pins enter said locking slots.

1,624,182. TOASTER. STEPHEN F. REBORA, Chicago, Ill. Filed Apr. 20, 1925. Serial No. 24,383. 5 Claims. (Cl. 53—5.)



1. A toasting device comprising a shell open at the bottom, the top of the shell being depressed to form a deep endless trough opening upwardly and spaced apart from the sides of the shell, and the side walls of said trough being perforated.

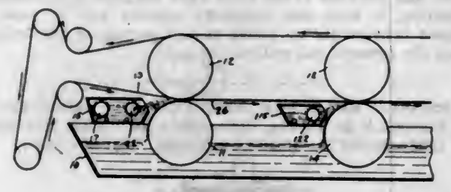
1,624,183. APPARATUS FOR REELING STRIP MATERIAL. CHARLES M. RICHARDSON and ZACCHEUS E. SARGISSON, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Aug. 18, 1923. Serial No. 658,104. 3 Claims. (Cl. 242—55.)



1. In apparatus for reeling strip material, the combination of a reel having substantially radial spacer rod guides on the inner faces of its end members, said guides turning forward at their outer ends, and means for holding successive spacer rods in position to be picked up by the forwardly-turned end portions of said guides as the latter rise in the rotation of the reel.

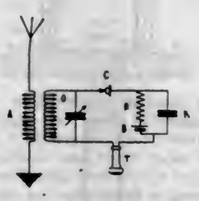
1,624,184. MOTTLING DEVICE FOR PAPER MAKING. HARRY M. ROSS, Indianapolis, Ind., assignor of one-half to Beveridge Paper Company, Indianapolis, Ind., a Corporation. Filed Oct. 26, 1925. Serial No. 64,885. 4 Claims. (Cl. 92—41.)

1. The combination with a paper making machine having a vat containing a solution of paper pulp, and a rotating screen cylinder, of means for applying a mottled color to the paper as it is formed and passed through said machine comprising a vessel containing a colored solution, an agitating roller mounted in said vessel for maintaining the distribution of said solution, and a rotatable roller having a plurality of projections about the



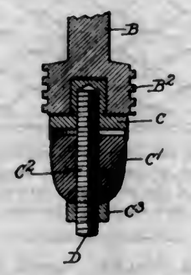
surface thereof adapted to engage and throw the particles of said solution from the vessel onto the film of pulp carried by said cylinder.

1,624,185. WIRELESS RECEIVING CIRCUITS. HENRY JOSEPH ROUND, London, England, assignor to Radio Corporation of America, a Corporation of Delaware. Filed May 21, 1923, Serial No. 640,291, and in Great Britain May 31, 1922. 2 Claims. (Cl. 250—20.)



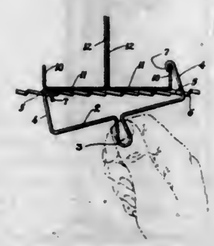
1. A wireless receiving circuit comprising, an antenna circuit, a receiving circuit coupled thereto, a crystal detector associated with said receiving circuit, a resistance of the order of 100,000 ohms in series with said crystal detector, a battery connected in series with said resistance, said battery serving as a biasing means for said detector, a condenser adapted to pass both audio and radio frequency currents shunted around said resistance and battery, and means for receiving the detected signals from said receiving circuit.

1,624,186. VALVE. JOHN J. RYAN, Chicago, Ill. Filed Feb. 14, 1921. Serial No. 444,719. 3 Claims. (Cl. 251—152.)



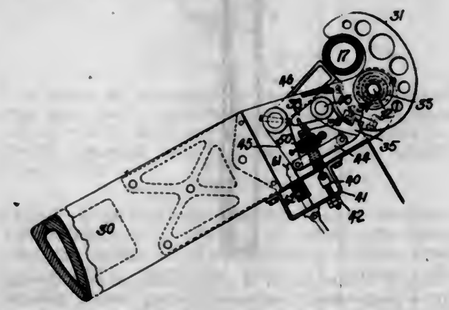
3. In a valve, a narrow valve seat, a stem adapted to be moved toward and away from said seat, a yielding valve member adapted to be seated upon said seat to close said valve, and a positive stop on which the valve member is mounted, said stop being rotatably mounted in the inner end of said stem, adapted to move with said stem and to contact a portion of the interior of said valve thereby to limit the closing movement of the valve.

1,624,187. METAL-LATH-ATTACHING CLIP. JULIUS H. SCHLAFLY, Canton, Ohio, assignor to Central Alloy Steel Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 23, 1921. Serial No. 494,508. 10 Claims. (Cl. 72—118.)



1. A clip for fastening metal lath or the like to spaced supports, comprising an elongated body with a loop intermediate its ends, legs on the ends insertible through openings in the lath beyond the edges of one support to bring the elongated body portion of the clip substantially parallel with the plane of the lath, and hooks on the legs for engaging the edges of said support, the loop being adapted to be twisted when the hooks are thus engaged to clamp the lath to the support and to stretch it between adjacent supports.

1,624,188. DEVICE FOR LAUNCHING AND LANDING AIRPLANES FROM AND UPON SUSPENDED POSITIONS. ROBERT SIMON, Farmingdale, N. Y., assignor to The Lawrence Sperry Aircraft Company, Farmingdale, N. Y., a Corporation of New York. Filed June 13, 1925. Serial No. 36,776. 23 Claims. (Cl. 244—2.)

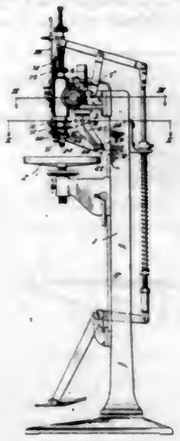


22. In a device for launching and landing aircraft, the combination of means for supporting an aircraft, said means including a yielding member, and yielding means carried by said aircraft for engaging said member and capable of yielding to a degree sufficient to release said supporting means.

1,624,189. SCREW-DRIVING MACHINE. JAMES C. STEEN, Massillon, Ohio, assignor to The Reynolds Machine Company, Massillon, Ohio, a Corporation of Ohio. Filed Apr. 18, 1922. Serial No. 555,134. 1 Claim. (Cl. 144—32.)

A screw driving machine including a bifurcated step for receiving and holding a single screw for a driving operation, supporting means for the screw including a swinging

bracket, a bearing bar upon one end of which the bracket is journaled, a supporting bracket in which the other end



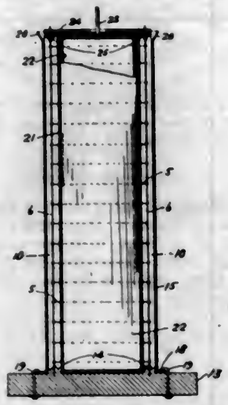
of the bearing bar is secured, the axis of one end of the bar being eccentric to the axis of the other end for adjusting the shoe by a turning of the bar in its support.

1,624,190. FOUNTAIN PEN. IVAN D. TEFFT, Chicago, Ill., assignor to The Wahl Company, Chicago, Ill., a Corporation of Delaware. Filed Apr. 10, 1922. Serial No. 551,121. 7 Claims. (Cl. 120—46.)



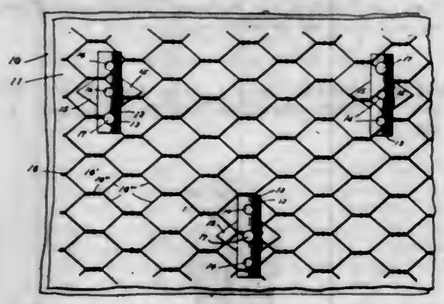
1. In a fountain pen, in combination, a shell provided with a longitudinally extended opening therein, fashioned at its lateral marginal edges to provide a support for a pivot pin and locking members, a closure cap for one end thereof, a pressure bar fashioned with longitudinally extending grooved portions therein and with a lateral depression extending into the slotted way to form a stop for a lever member, a pivot member associated with said pivot supports, positioned below said slot, and a lever fashioned for engagement with said pivot members and for shiftable relation with respect to the grooves in the pressure bar, provided with resilient members thereon, fashioned with respect to the locking members on the shell, to co-act therewith to cause the lever to be locked in closed position, and means including the relationing of the cap closure member, the pressure bar, the pivot member with respect to the shell, and the outward end wall of the slot, to facilitate, when the lever is in open position, a coincident abutment of the rear end of the pressure bar with the cap member of the shell, and the lever with the forward end of the slot, whereby strain from the pivoting parts is minimum, and whereby the relative positioning of the pin with respect to the rear end wall of the slot, and the form of the lever when the lever is in closed position, is such that abutment relation will be established between the arcuately shaped portion of the lever and the forward end wall of the slot.

1,624,191. MOLD FOR CEMENTITIOUS CONDUITS. FREDERICK M. VENZIE, Philadelphia, Pa. Filed July 22, 1925. Serial No. 45,163. 2 Claims. (Cl. 25—127.)



2. A form for molding cementitious conduits comprising a base, a separable outer and rigid casing mounted thereon, an inflatable core comprising a pair of relatively thin rubber cylinders fitted one within the other said core being arranged within and spaced from the side walls of the outer casing, a removable cap for the top of said casing, the said cap and base each being provided with an annular V-shaped portion projecting into the space between said casing and core, and means for inflating said core.

1,624,192. WALL CONSTRUCTION. GEORGE F. VOIGHT, Oakland, Calif., assignor to Economy Products Corporation, a Corporation of California. Filed Aug. 7, 1922. Serial No. 580,169. 6 Claims. (Cl. 72—118.)



1. In means of the character described, the combination with a sheet of paper, of a spacing rib disposed against the face of the paper and having a portion penetrating the paper and engaging the rear side thereof.

1,624,193. LATH SPACER. GEORGE F. VOIGHT, Oakland, Calif., assignor to Economy Products Corporation, a Corporation of California. Filed Mar. 22, 1924. Serial No. 701,204. 4 Claims. (Cl. 72—118.)

1. In means of the character described, a spacing clip having a spacing member extending parallel with a co-

operating nail shank, the lower end of said spacing member terminating in a supporting base penetrated by said shank, the upper end of said spacing member extending



into a lath seat also penetrated by said shank, said lath seat and supporting base disposed substantially at right angles with said spacing member one end of said lath seat bent upwardly.

1,624,194. FOUNTAIN PEN. JOHN C. WAHL, Chicago, Ill., assignor to The Wahl Company, Wilmington, Del., a Corporation of Delaware. Filed July 15, 1922. Serial No. 575,320. 2 Claims. (Cl. 120—46.)

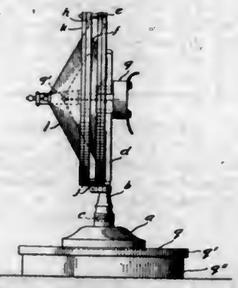


1. In a fountain pen, a thin metal casing provided with a longitudinally extending slot, a lever extending through said slot and pivotally mounted therein, a disc adapted as a closure for one end of the casing, a slotted resilient member extending forwardly into the casing from said disc and integral therewith, a presser bar fixed to the movable end of said resilient member, and projections on said disc extending on either side of said resilient member for engaging the inner surface of the casing, one end of said lever being adapted to extend through the slotted resilient member for pressing against said pressure bar.

1,624,195. METHOD OF PRODUCING PHOSPHATE FERTILIZER. UTLEY WEDGE, Ardmore, Pa., assignor to I. P. Thomas & Son Company, Camden, N. J., a Corporation of New Jersey. Filed Feb. 7, 1923. Serial No. 617,602. 1 Claim. (Cl. 71—7.)

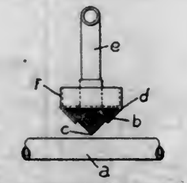
The method of treating phosphate rock to render its phosphoric acid contents soluble which consists in making a dry mixture of phosphate rock with potassium chloride and sodium carbonate, charging said dry mixture into a furnace and heating it to a temperature at which the reaction takes place and carbon dioxide is liberated.

1,624,196. COMBINED RADIO AND PHONOGRAPH LOUD SPEAKER. ALFRED WIEHL, Brooklyn, N. Y. Filed Nov. 29, 1926. Serial No. 151,286. 6 Claims. (Cl. 179—100.1.)



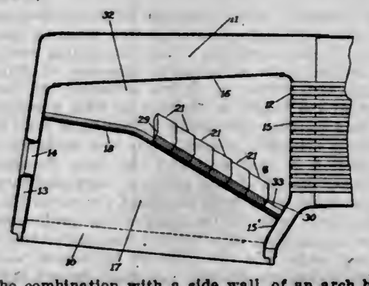
1. A loud speaker for alternate radio or phonograph sound emission, comprising a stand with a bracket supported to freely turn on a vertical axis, a diaphragm mounted in fixed position thereon and having a radio receiving sound translating means operatively secured thereto, a second sound diaphragm mounted on said support and a hinge adapted to permit said second diaphragm to be inclined laterally, a phonograph needle operatively connected with the focus of said diaphragm and having a support rigidly connected with the frame of the diaphragm, whereby the weight of said diaphragm is carried on the frame when the needle is supported to move on and with the surface of a phonograph disc.

1,624,197. DEVICE FOR CUTTING GLASS TUBES OR RODS. ERNST ABELT, Karnap, near Essen-on-the-Ruhr, Germany, assignor to The Libbey Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 29, 1926. Serial No. 145,007, and in Germany Mar. 10, 1926. 3 Claims. (Cl. 49—48.)



1. A device for automatically severing a continuously moving glass tube or rod into separate sections comprising a cutting tool or hard and porous material, means for resiliently mounting said tool, and means for keeping said tool moist.

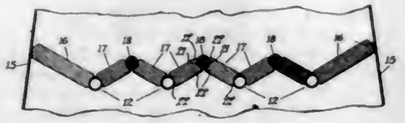
1,624,198. FIRE-BOX ARCH BLOCK. LYLE STOCKTON ABBOTT, Chicago, Ill., assignor to Chicago Fire Brick Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 9, 1925. Serial No. 67,915. 7 Claims. (Cl. 110—87.)



1. The combination with a side wall, of an arch having an upwardly inclined supporting member extending longitudinally of said side wall and spaced therefrom, and a

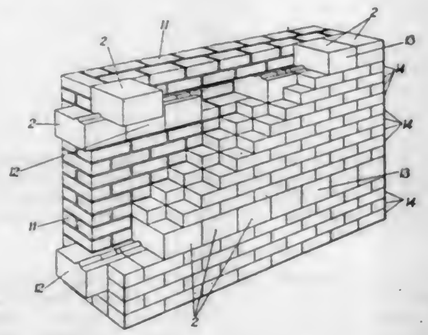
block of refractory material supported by said side wall and said supporting member and inclined upwardly from said supporting member to said side wall with its lower edge substantially parallel to said supporting member, the major portion of said block extending upwardly in the direction of inclination of said supporting member at an angle to a line drawn perpendicular to said lower edge in the plane of said block.

1,624,199. SECTIONAL FIRE-BOX ARCH. LYLE STOCKTON ABBOTT, Chicago, Ill., assignor to Chicago Fire Brick Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 9, 1925. Serial No. 67,916. 11 Claims. (Cl. 110—87.)



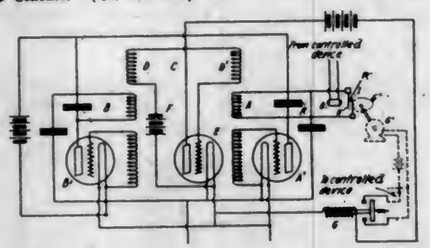
1. In a fire arch construction, a pair of supporting members, a pair of refractory blocks supported each at one end by said supporting members and a refractory pivot member connecting said blocks at their adjoining ends, and closing the space between said blocks, said pivot member permitting a swinging movement of said blocks without changing the area of contact.

1,624,200. FIRE-RECEIVING WALL. LYLE STOCKTON ABBOTT, Chicago, Ill., assignor to Chicago Fire Brick Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 15, 1926. Serial No. 102,320. 9 Claims. (Cl. 72—102.)



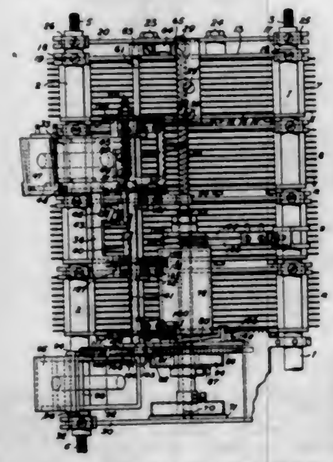
1. A composite wall of the character described consisting of two sections, an outer section made of brick-like elements to constitute the weight supporting section, an inner section made of brick-like elements of refractory material, and refractory means arranged at intervals throughout the height of the wall to form a cross-tie between said sections, said means consisting of rows of complementary brick-like elements, one row anchored in the outer section of said wall and the other forming part of the inner section of said wall, the complementary brick elements of the rows being arranged one above the other and the rows each having interlocking projections and recesses cooperating with recesses and projections in the other row where said two rows are juxtaposed, said complementary elements forming a shelf to support the superposed refractory elements constituting the said inner section.

1,624,201. RADIOSIGNALING. CHARLTON STANFORD AGATE, Chelmsford, and PETER WILLIAM WILLANS, London, England, assignors to Radio Corporation of America, a Corporation of Delaware. Filed Sept. 28, 1921, Serial No. 503,797, and in Great Britain Oct. 12, 1920. 9 Claims. (Cl. 250—8.)



1. In electrical controlling or indicating circuits, the combination of two oscillatory circuits tuned to the same frequency, means for maintaining oscillation therein, a current actuated controlling agency for changing the magnitude of the current in one of said oscillation circuits, an untuned circuit coupled to the two circuits and a relay actuated by currents in this third circuit to control or indicate changes in the controlling agency.

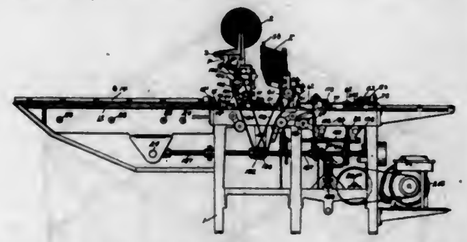
1,624,202. ELECTRICAL SWITCH. FRITZ ALDENDORFF, Wilmersdorf, near Berlin, Germany. Filed Mar. 9, 1925, Serial No. 14,107, and in Germany Mar. 11, 1924. 12 Claims. (Cl. 179—27.5.)



1. A switch comprising a series of groups of trunk line terminals, brushes adapted to trail over said terminals, numerical means for effecting a cooperation of said brushes with a desired series of groups of trunk line terminals, a power device for moving the brushes continuously at a high speed past all busy groups of trunks until a group in which there is a free trunk is reached, non-numerical means for controlling said power device, and means for rotating the brushes at a lower speed after the brushes have reached a trunk group in which there is a free trunk.

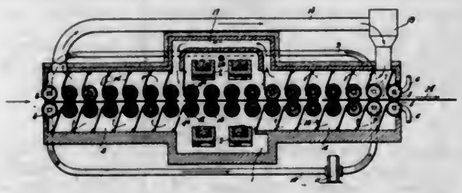
1,624,203. PACKAGE-WRAPPING MACHINE. JOHN P. ALDRICH and HOWARD A. MORRIS, Toledo, Ohio, assignors to The Automat Molding & Folding Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 22, 1923. Serial No. 676,231. 28 Claims. (Cl. 93—7.)

23. In a packaging machine, a guideway, reciprocatory article-feeding means, means for partially folding a wrapper about an article leaving projecting end flaps, relatively movable means operable by and during move-



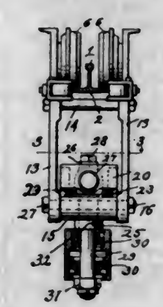
ment of the feeding means for folding certain end flaps, and means operable during movement of the feeding means for completing the folding of the end flaps.

1,624,204. ANNEALING MACHINE. THADDEUS F. BAILY, Alliance, Ohio. Filed June 6, 1925. Serial No. 35,456. 25 Claims. (Cl. 263—7.)



1. A furnace including an elongated chamber, a plurality of feeding rolls for passing sheets continuously through the chamber, the distance between adjacent rolls being less than the diameter of each roll and electric heating means above and below the rolls for impinging heat directly upon the rolls.

1,624,205. SUSPENDED CARRIER. EARL T. BENNINGTON, Cleveland Heights, Ohio, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio, a Corporation of Ohio. Filed Aug. 4, 1926. Serial No. 127,079. 9 Claims. (Cl. 105—154.)



3. A carrier comprising spaced supporting trucks each having wheels adapted to travel on the opposite flanges of a monorail track, each truck having a pair of opposed depending side members and a bottom member connecting said side members below the track, a block supported for vertical movement between the side members of each truck, springs interposed between the blocks and the bottom members, and a load bar suspended from said blocks.

1,624,206. PROCESS OF EXTRACTING HYDROCARBONS FROM GAS. AUGUST P. BJERREGAARD, Okmulgee, Okla., assignor to Doherty Research Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 17, 1922. Serial No. 529,915. 22 Claims. (Cl. 23—3.)

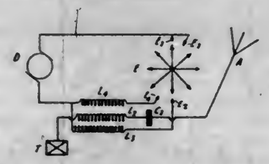
2. In the art of gas purification a process which comprises, first, washing and cooling the gas; second, removing ammonia and pyridine from the gas; third, continuously removing emulsifying agents from the gas; and fourth, removing the aromatic hydrocarbons present in the gas.

1,624,207. CAR ROOF. CHARLES DAVID BONSALL, Pittsburgh, Pa., assignor to P. H. Murphy Company, New Kensington, Pa., a Corporation of Pennsylvania. Filed Oct. 4, 1926. Serial No. 139,303. 11 Claims. (Cl. 108—5.4.)



1. A car roof comprising side plates, roof sheets extending from side plate to side plate and supported thereon, outside carlines covering adjacent margins of said sheets and rigidly secured to said side plates, and members extending from carline to carline at the ridge and rigidly secured to said carlines, said members being located above said sheets, and means for connecting said sheets to said members, said side plates and said members constituting the sole supporting means for said sheets.

1,624,208. HIGH-FREQUENCY SIGNALING. PAUL MARIE JOACHIM BOUCHEROT, Paris, France. Filed Aug. 29, 1921, Serial No. 496,692, and in France Aug. 27, 1915. 4 Claims. (Cl. 250—17.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. In high frequency generator signaling systems, the combination of a circuit containing a source of power, a sparker adapted to interrupt said source at a radio frequency, a circuit connected to said sparker tuned to substantially said frequency of interruption, and an antenna tuned to substantially the same frequency coupled to said last mentioned circuit.

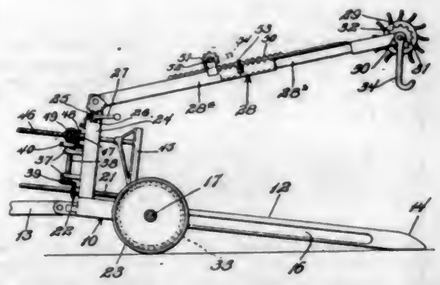
1,624,209. PUMP. GEORGE A. BROWN and FRANK G. DENNISON, Bridgeport, Conn., assignors to Bridgeport Brass Company, Bridgeport, Conn. Filed Nov. 11, 1920. Serial No. 423,358. 12 Claims. (Cl. 74—109.)



1. In a fluid pump, a cylinder, a piston operating therein, said piston being provided with a flexible pump packing cup, and a spring pressed member in engage-

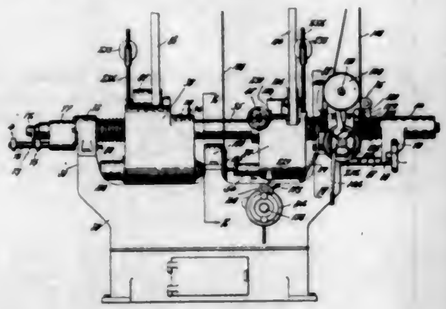
ment with said packing cup to expand the same, and having provision, independent of the spring, for permitting the passage of air around the cup on the return stroke of the piston.

1,624,210. FERTILIZER DISTRIBUTOR. WILLIAM E. BRUCE, Mirando City, Tex. Filed Nov. 14, 1925. Serial No. 69,149. 10 Claims. (Cl. 275—1.)



2. In a device of the type described, a platform, means for moving the platform in opposite directions, means operated by reversal of movement of the platform for causing one end of the platform to move into or out of engagement with the ground including a wheel supported axle for the platform freely shiftable from one end of the platform to the other thereof, a buck board movable from end to end of the platform and an operative connection between said buck board and said axle for shifting said buck board in either direction on the platform during movement of the platform in either direction over the ground.

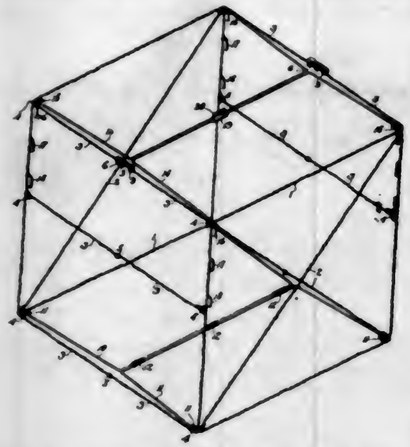
1,624,211. MULTI-SPINDLE INTERNAL-GRINDING MACHINE. WILLIAM LE ROY BRYANT, Springfield, Vt. Filed Aug. 18, 1923. Serial No. 658,057. 53 Claims. (Cl. 51—40.)



1. A grinding machine comprising longitudinally-spaced spindles, grinding wheels thereon, a reciprocatory main tool slide, carriers for said spindles affixed to said slide so as to be moved thereby, and mechanism for actuating said slide.

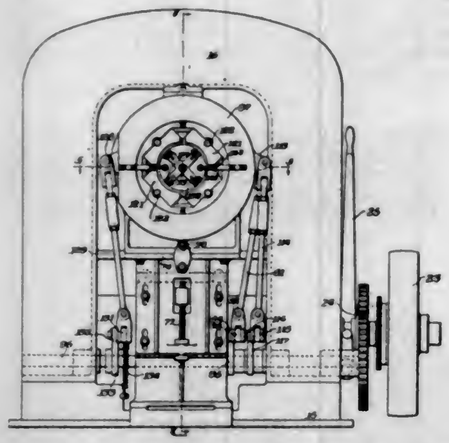
1,624,212. COLLAPSIBLE CRATE. JOHN P. BUTCHER, Canton, Ohio. Filed Aug. 9, 1923. Serial No. 656,508. 3 Claims. (Cl. 150—49.)

1. A collapsible crate including two rigid side frame members, rods hingedly connected together and to the side frame members, two bottom members hingedly connected together and to the lower edges of the side frame members, two cover members arranged to be hingedly connected to the side frame members at different heights,



means for connecting the free edges of the cover members together and a flexible covering upon the frame arranged to be stretched when the frame is opened.

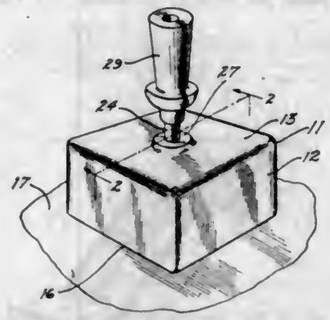
1,624,213. CAN-BODY-MAKING MACHINE. WILLIAM CAMERON, Chicago, Ill., assignor to Cameron Can Machinery Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 14, 1925. Serial No. 62,424. 27 Claims. (Cl. 113—12.)



1. A flanging mechanism comprising, means for holding a can body adjacent the end to be flanged, and means supported outside the perimeter of said body and movable radially of the body for forming a flange thereon.

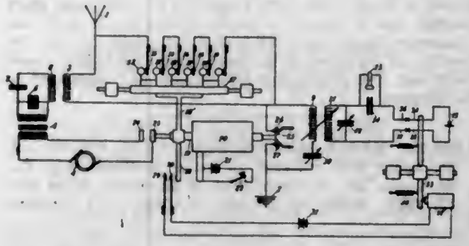
1,624,214. BROILER. JAMES H. CANNON, Los Angeles, Calif., assignor to Cannon Electric Development Company, Los Angeles, Calif., a Corporation of California. Filed July 13, 1926. Serial No. 122,136. 4 Claims. (Cl. 53—5.)

3. A broiler comprising: a hood arranged to be supported on a heating element, said hood being arranged for enclosing a piece of meat being cooked on said heating element, thus preventing an escape of flavor; a plate in said hood adapted to pressurally engage said meat in



order to hold said meat flatly against said heating element; and means connected to said plate whereby said plate and said hood may be lifted.

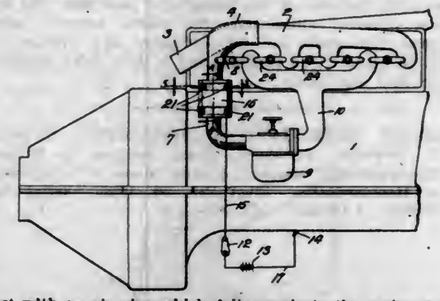
1,624,215. RADIO SIGNALING SYSTEM. GEORGE H. CLARK, Brooklyn, N. Y., assignor to Radio Corporation of America, a Corporation of Delaware. Filed June 27, 1922. Serial No. 571,247. 5 Claims. (Cl. 250—13.)



4. In radio signal apparatus, a combination of an antenna circuit, a transmitting inductance and a receiving inductance permanently connected in said circuit, an interruptor arranged to normally short circuit said transmitting inductance, means normally inoperative to short circuit said receiving inductance, a single means to render said interruptor inoperative as a short circuit for said transmitting inductance and simultaneously to render the receiving inductance short circuiting means operative, whereby the apparatus is changed from a receiving to a transmitting system, a receiving circuit coupled to said receiving inductance, said receiving circuit including a detector, and means governed by said single means to control the operation of the detector.

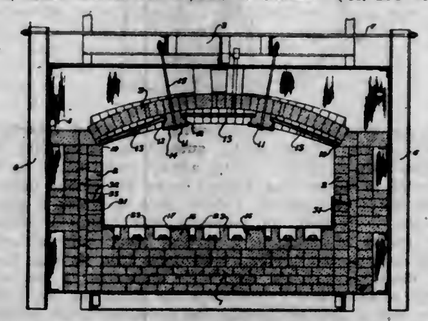
1,624,216. ELECTRICAL HEATER FOR THE AIR-SUPPLY PIPES OF CARBURETORS. WILLIAM F. CLEARY, Hawthorne, N. J., and WILLIAM J. WAGENER, New York, N. Y. Filed Oct. 15, 1925. Serial No. 62,533. 1 Claim. (Cl. 219—38.)

In a heater for warming the air supply passing to a carburetor or other device, the combination of two recessed hollow sections with curved edges adapted to fit around an air pipe, said sections being closed together to provide a tight heater chamber, pairs of bolts passing through openings in said sections for holding the sections together, one bolt projecting beyond the casing, parallel external connecting strips for said bolts, each of said strips connecting together the two members of a pair of bolts, parallel internal coiled heater springs connecting together the bolts, each of said springs connecting one member of one pair of bolts with one member of another pair of bolts, said heater springs lying in a direction at right angles to the direction of the external strips, a binding screw on the projecting bolt, a strip inside the casing attached to one bolt and also adapted to be in con-



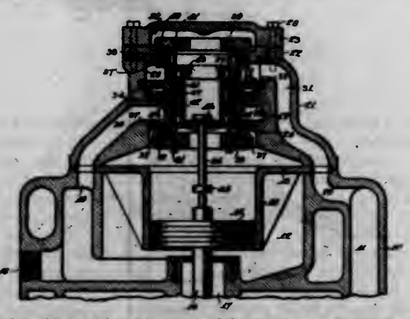
tact with an air pipe which delivers air to the carburetor, all arranged to provide an electric circuit through which a heating current may pass.

1,624,217. ELECTRIC FURNACE. FRANK T. COPE, Salem, Ohio, assignor to The Electric Furnace Company, Salem, Ohio, a Corporation of Ohio. Filed Nov. 9, 1925. Serial No. 67,810. 9 Claims. (Cl. 204—64.)



1. An electric furnace including a refractory base, a hearth spaced above said base and comprising a plurality of plates having lugs at opposite edges for engagement under the edges of adjoining plates and a resistor mounted in the space between the hearth and base.

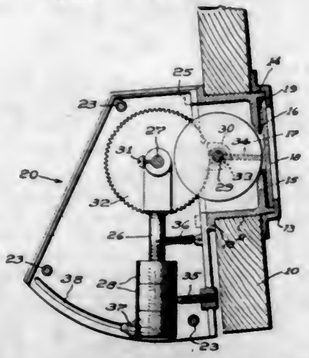
1,624,218. VALVE. FREDERICK F. COUCH, New Brunswick, N. J., assignor to Federated Engineers Development Corporation, Jersey City, N. J., a Corporation of Delaware. Filed Mar. 13, 1925. Serial No. 15,252. 9 Claims. (Cl. 121—157.)



1. A valve mechanism comprising a casing formed with two cylinders of respectively different bore and having inlet and outlet passages communicating respectively with said cylinders, a hollow piston member formed with two pistons adapted respectively to fit said cylinders and

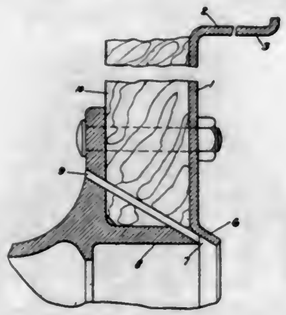
reciprocate therein, a flexible disk valve at each end of the piston member, seats for said valves formed on the casing, said valves serving to close communication between the interior of the casing and said inlet and exhaust passages alternately, the piston member being formed with ports for the admission and exhaust of fluid to actuate said member, and a slide valve operable to control said ports.

1,624,219. BRAKE-TESTING INSTRUMENT. CHARLES F. COWDREY, Fitchburg, Mass., assignor to Muther Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Feb. 20, 1925. Serial No. 10,522. 4 Claims. (Cl. 264—1.)



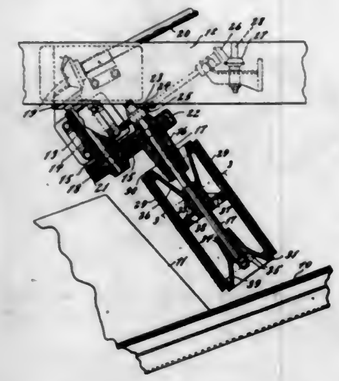
4. An instrument for indicating the speed retarding effect of the brakes of an automobile, comprising in combination, a casing having a part constructed to be mounted in an opening formed in an automobile instrument board and having a front face in which a sight opening is formed, an indicator disk mounted within said casing to rotate in a vertical plane adjacent said sight opening and having graduations upon its edge that are displayed through said sight openings to indicate brake retardations, a pendulum for actuating the indicator disk, a stop for holding the pendulum in its normal inactive position, and manually operable means extending across the path of the pendulum and movable into engagement with the pendulum to hold it inoperative.

1,624,220. BRAKE-DRUM OIL GUARD. ADIEL Y. DODGE, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 28, 1924. Serial No. 752,566. 5 Claims. (Cl. 301—6.)



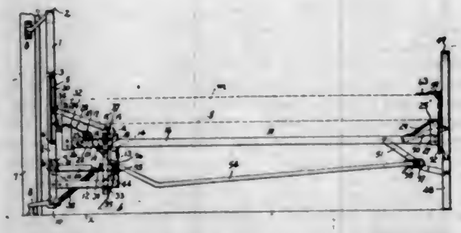
1. A wheel assembly comprising, in combination, a hub, a wheel portion, and a brake drum having a part arranged to catch oil from the end of the hub, the wheel portion being formed to conduct the oil from the base of said part to the outside of the assembly.

1,624,221. SCREEN-CLEANING APPARATUS. WILLIAM L. D'OLIER, Philadelphia, Pa. Filed Feb. 8, 1924. Serial No. 691,417. 3 Claims. (Cl. 15—21.)



1. A cleaning device including a support, a rotatable sleeve in said support, said sleeve having an arm at one end, a brush shaft bearing in said arm with its axis parallel to but out of alinement with the axis of said sleeve, a brush shaft having one end in said brush shaft bearing, and a cylindrical brush on said brush shaft and connected thereto, said brush shaft being supported by the bearing at one end only, means to rotate said brush shaft and means whereby said sleeve may be turned in its support.

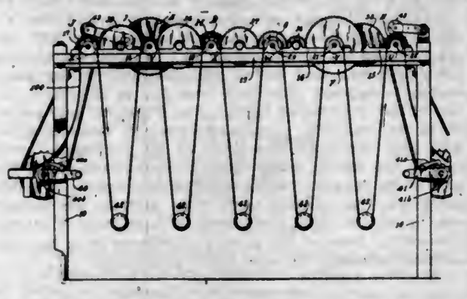
1,624,222. METAL FOLDING BED. WILLIAM J. DUVALL, St. Louis, Mo., assignor to Smith & Davis Mfg. Co., St. Louis, Mo., a Corporation of Missouri. Filed Nov. 15, 1923. Serial No. 675,001. 1 Claim. (Cl. 5—164.)



In a folding bed, a head frame, an anchor frame rigidly secured thereto, a bed-bottom pivotally mounted on said anchor frame, a draft frame pivoted to the head frame, connecting means between the draft frame and bed-bottom for swinging said draft frame upon its pivot when the bed-bottom is moved upwardly, means for imposing tension on said draft frame, a foot frame pivotally connected to the bed-bottom, and suitable connection between the foot frame and the draft frame for causing the foot frame to move into parallelism with the bed-bottom with an upward movement of the latter.

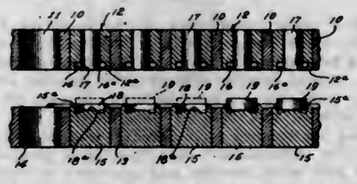
1,624,223. FESTOONING RACK. WILLARD D. EAKIN, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Dec. 22, 1924, Serial No. 757,459. Renewed Mar. 2, 1927. 8 Claims. (Cl. 271—2.3.)

1. A festooning rack comprising a series of rolls adapted to engage respectively in successive loops of a continuous strip of material to feed the same longitudinally through the succession of loops, means common to said rolls for driving them in a determinate speed ratio, means common to said rolls for driving



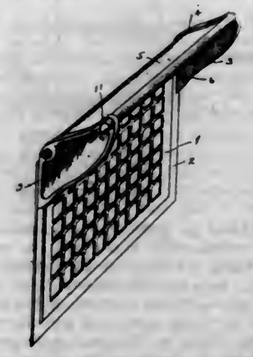
them in a speed ratio differing from that of the first said means, and means for integrating the driving effects of the two said means upon the rolls.

1,624,224. APPARATUS FOR MAKING CAPS FOR TYPEWRITER KEYS AND THE LIKE. DOUGLAS L. EASTERLIN, New York, N. Y., assignor to Lincoln Rubber Key Company, New York, N. Y., a Copartnership composed of Douglas L. Easterlin and Ada L. Easterlin. Filed Mar. 16, 1925. Serial No. 15,917. 17 Claims. (Cl. 18—42.)



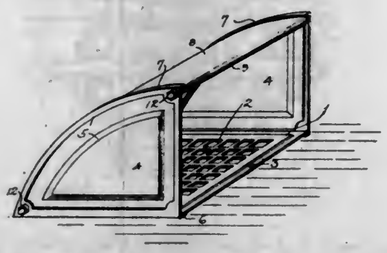
1. In apparatus for making caps for typewriter keys and the like, in combination, a die member having therein a recess provided with undercut side walls, and a second die member movable relative to said first die member and having a recess substantially coaxial with said first recess, the mouth of said second recess being of greater diameter than the mouth of said first recess and said die members having coacting parts about said recesses.

1,624,225. REGISTER HOOD. WILLIAM S. ELTERS, Dayton, Ohio, assignor, by direct and mesne assignments, to The Gem City Sheet Metal Company, Dayton, Ohio, a Corporation of Ohio. Filed Feb. 1, 1922. Serial No. 533,204. 6 Claims. (Cl. 98—108.)



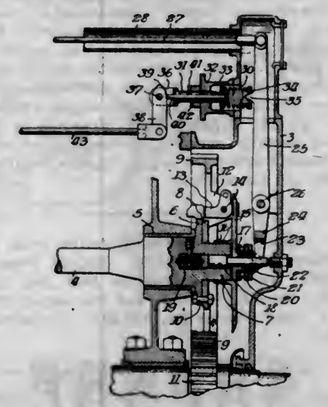
1. A hood for wall registers comprising a shelf like deflector of substantially ogee form, detachably engageable with the top edge of the register plate and extending outwardly and upwardly therefrom and end brackets detachably engaged with said deflector and bearing against the forward face of the register plate.

1,624,226. REGISTER HOOD. WILLIAM S. ELTERS, Dayton, Ohio, assignor, by direct and mesne assignments, to The Gem City Sheet Metal Company, Dayton, Ohio, a Corporation of Ohio. Filed Feb. 1, 1922. Serial No. 533,205. 2 Claims. (Cl. 98—103.)



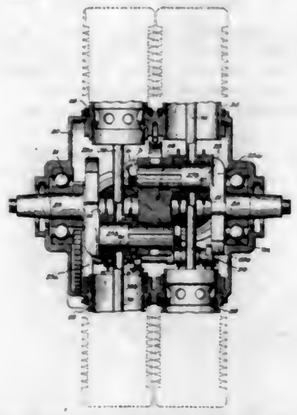
1. A register hood comprising two spaced substantiall sector shaped heads, an arcuate roof sheet interposed between the heads, the margin of the roof sheet being in turned to form a rolled edge, and a tie rod connectin the heads and extending through the rolled edge of the roof sheet to detachably connect the parts one with another.

1,624,227. GOVERNOR CONTROL. JAMES B. FISHER, Waukesha, Wis., assignor to Waukesha Motor Company, Waukesha, Wis., a Corporation of Wisconsin. Filed Feb. 26, 1925. Serial No. 11,689. 5 Claims. (Cl. 264—3.)



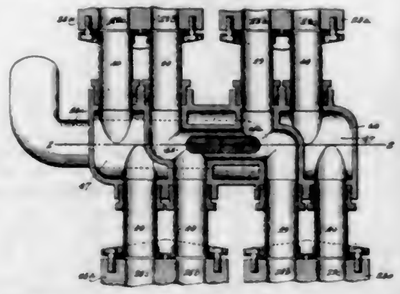
2. In combination, an explosive engine, an intake valve therefor, a governor member connected with said intake valve, means driven by said engine in proportion to the speed thereof tending to move said governor member to cause closure movement of said valve, a normal setting member, a compression spring between said setting member and said governor member held under normal compression by said setting member to resist operation of said governor member to cause checking of said engine until the speed has reached a certain predetermined normal maximum, an additional setting member, and means operable from a distance for setting said additional setting member to increase the resistance of said spring without disturbing the position of said normal setting member.

1,624,228. CRANK-SHAFT FORMATION. HENRY FORD, Dearborn, Mich. Original application filed Aug. 2, 1920, Serial No. 400,638. Divided and this application filed Sept. 21, 1922. Serial No. 589,534. 2 Claims. (Cl. 74—38.)



1. In crank shafts for internal combustion engines, a pair of end members of similar formation, each member having a journal member and a pin offset with respect to the journal axes and extending in the opposite direction to that of the journal, the pin being of greater length than the axial length of the connecting rod assembly with which the pin co-operates, a member removably carried by and connecting the free ends of the pins to produce a two-throw crankshaft assembly, with the connecting member of a thickness corresponding to the excess length of either pin, the member having an opening for each pin extending throughout the thickness of the member, the wall of each opening and the pin portion which extends therethrough having complemental means for maintaining the member openings and pin assembly against relative movement rotatively, and means carried by and extending axially of the pin for preventing movement of the connecting member in a direction to release the member from the pin, movement of the member on a pin in the opposite direction being prevented by the connecting rod assembly, whereby the member is held from applying bending strains on a pin through relative movement of pin and the member.

1,624,229. MANIFOLD CONSTRUCTION FOR INTERNAL-COMBUSTION ENGINES. HENRY FORD, Dearborn, Mich. Original application filed Aug. 2, 1920, Serial No. 400,638. Divided and this application filed Sept. 21, 1922. Serial No. 589,536. 3 Claims. (Cl. 123—52.)



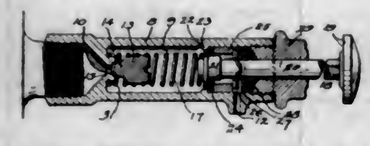
1. A manifold structure adapted for internal combustion motors wherein the cylinders served by the structure are spaced apart with the manifold structure located therebetween, a casing having an intake chamber and an exhaust chamber elongated in the direction of length of the casing and of the crank shaft of the motor, an admission port for the intake chamber and an outlet port for the exhaust chamber, said chambers and ports being permanently positioned relatively one to the other with the chamber and its corresponding port in permanently open communication, said casing also carrying service ports leading in opposite directions from and in directions lateral of the direction of length of said chamber and adapted to be connected in permanently-open communication with the corresponding ports of the cylinders being served, the service ports being located intermediate the ends of the chamber and arranged in a succession in which the intake and exhaust ports for a cylinder are located side by side to permit symmetrical connection of service connections between the ports and cylinder with the connections extending in substantial parallelism.

1,624,230. WATER GRATE. JOHN G. GIBSON, Ventnor, N. J. Original application filed July 5, 1923, Serial No. 649,487. Divided and this application filed Oct. 24, 1924. Serial No. 745,548. 3 Claims. (Cl. 122—374.)



1. In a grate construction of the character stated a plurality of hollow grate-bars arranged side by side the meeting faces of said grate-bars being provided with registering, vertical grooves cooperating to provide air ducts, the top wall of a grate-bar adjacent one set of grooves being recessed and bevelled and the top wall thereof overlying the opposed set of grooves and flanged to seat within the recessed part of a companion grate-bar, the flanged part being bevelled and apertured in communication with registering grooves.

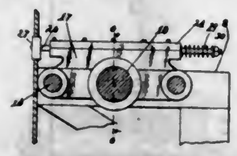
1,624,231. LIQUID-SOAP DISPENSER. ALBERT R. GOLDRICK, Cleveland, Ohio, assignor to The Gerson Stewart Corporation Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 2, 1921. Serial No. 449,066. 8 Claims. (Cl. 221—102.)



1. In a liquid dispenser, the combination of a valve body provided with a displacement chamber having an inlet and an outlet, a valve seat surrounding said inlet, a valve member disposed within the displacement chamber and adapted to rest on said seat and close said inlet, a spring member acting on the valve member to maintain it unseated and a plunger acting on the spring to indirectly move the valve member, whereby said valve member may be caused to rest on said seat and close the inlet at a predetermined movement of the plunger and spring.

5. In a valve of the character described a metallic body member having a displacement chamber provided with inlet and outlet ports surrounded by valve seats, a valve stem having a head adapted to close the outlet port, a metallic valve member disposed within the displacement member, a spring between said valve member and the valve head of the stem, said metallic valve member being carried solely by the spring adapted to close the inlet by metal to metal contact upon a predetermined inward movement of the valve stem.

1,624,232. LINE SPOOLER. ADONIRAM J. GRAHAM and LOUIS O. TEKELL, Whittier, Calif., assignors to Gra-Kell Line-Spooler Company, Los Angeles, Calif., a Partnership composed of Adoniram J. Graham, Louis O. Tekell, Harry Maxwell, Harry P. Davis, J. E. Wallis, A. R. Chandler, Charles T. Butler, and David H. Cannon. Filed Jan. 19, 1926. Serial No. 82,225. 13 Claims. (Cl. 242—158.)



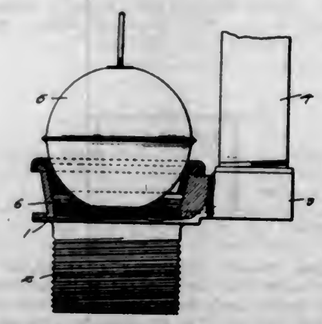
1. A line spooler comprising in combination a rotatable drum adapted to reel a line thereon, a spooling device having means engaging a line, means to traverse the engaging means lengthwise of the drum and resilient means mounted at the end of travel of the engaging means to give a return impulse and a slide to cause the engaging means to follow the line as the winding diameter of the drum increases and decreases due to the winding of the line.

1,624,233. CONTAINER FOR ARTIFICIAL BAIT AND THE LIKE. GEORGE BREWER GRIFFIN, Pittsburgh, Pa. Filed Nov. 28, 1925. Serial No. 71,938. 7 Claims. (Cl. 43—32.)



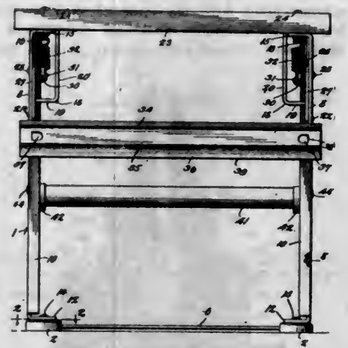
1. A device for mounting and containing artificial bait and the like comprising a bulbous container having an opening therein and a compressible stopper removably seated in said opening and having a bait-mounting member projecting inwardly therefrom.

1,624,234. FLUSH-TANK BALL SEAT. PRATT B. HALE, Albany, Ala. Filed Oct. 27, 1923. Serial No. 671,175. 1 Claim. (Cl. 4—57.)



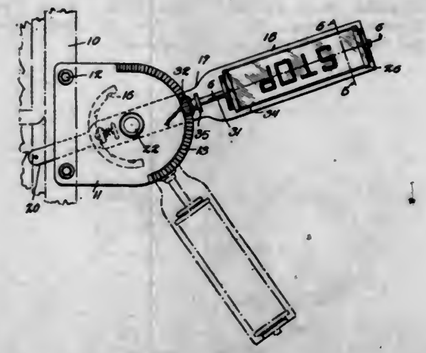
A flush tank fixture comprising an upwardly and outwardly flaring annular wall provided with attaching means, said wall having an outer marginal flange at its upper edge, a lateral extension integral with said wall adapted for connection of an overflow pipe thereto, and a removable valve seat substantially of rubber screw threaded to the inner surface of said wall and having a flange adapted to hook over said flange, said valve seat being adapted to receive a ball valve.

1,624,235. PAPER CUTTER. BERNARD E. HALL, Martinsville, Ind., assignor to The Davis Lumber Co., Martinsville, Ind. Filed May 27, 1925. Serial No. 33,245. 4 Claims. (Cl. 211—32.)



1. In a device of the class described, a frame comprising posts in the form of channel members including reinforcing flanges, bearings on the inner surfaces of the posts and adapted for the support of a paper roll, and a cutter frame adapted for cooperation with a paper roll supported by the bearings, the cutter frame comprising arms, and means for mounting the arms pivotally on the posts, one flange of each post being cut away entirely at the upper end of each post to permit the arms of the cutter frame to work close to the posts, and to facilitate the mounting of a paper roll in the bearings.

1,624,236. VEHICLE SIGNAL. WALTER M. HAMMERSLEY, Dayton, Ohio. Filed Dec. 3, 1925. Serial No. 73,008. 3 Claims. (Cl. 116—46.)

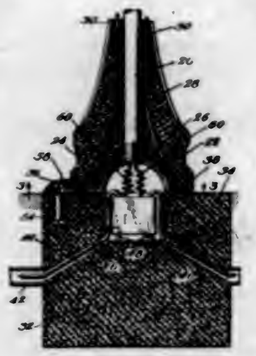


1. A signal comprising a support plate, means for securing the plate upon a vehicle body, a signal arm pivotally connected upon the plate and arranged to swing in a vertical arc, a rotatable signal casing carried by the outer projecting portion of the arm, signal plates mounted on the casing arranged to display various signals at various positions of the arm, means formed on the plate and casing for operating the casing, and a spring urged lug secured to the arm engageable with an arcuate flange mounted on the plate adapted to retain the arm at various angular positions.

1,624,237. STREET-LIGHTING EQUIPMENT. DAVID B. HANNA, Park Ridge, Ill. Filed June 10, 1925. Serial No. 36,176. 4 Claims. (Cl. 240—84.)

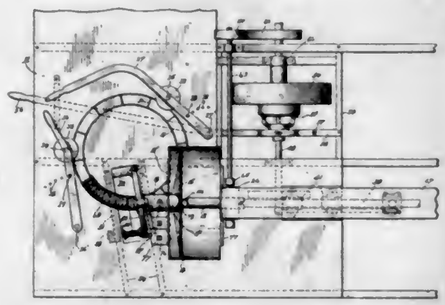
1. A street lamp comprising a foundation and a post mounted thereon, said post comprising a base and a

superstructure, said base having a spider with a central dome, said post having a bore extending up from the top of said dome, said foundation having a recess under said dome and passageways extending from said recess outward and downward to drain said recess, an underground conduit level with the ends of said passages and communicating with them, electrical conductors in the bore of said post, transmitting means in said recess es-



tablishing operative electrical connection between said conduit and post conductors, said spider being of metal and having a plurality of peripherally spaced lugs extending out beyond said base, hold-down means fastening said lug to said foundation, and grouting covering said lugs and hold-down means, said hold-down means being detachably connected with said lugs, and said post conductors having coiled extensible portions in said dome.

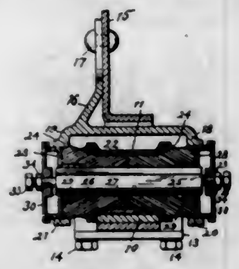
1,624,238. MACHINE FOR PREPARING MOSSED FRAMES FOR FLORAL WREATHS. HANS PETER HANSON, Chicago, Ill. Filed Nov. 20, 1925. Serial No. 70,236. 19 Claims. (Cl. 41—3.)



1. A machine for applying moss or the like to wreath frames, comprising a support for the frame, means for compacting the moss and placing the same on said frame, and mechanism automatically operable adjacent said means for binding said moss to said frame as it is placed thereon by said means.

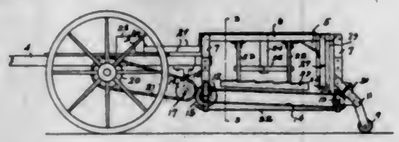
1,624,239. PIVOTAL CONNECTION. HOWARD C. HARRIS, Akron, Ohio. Filed Apr. 16, 1926. Serial No. 102,435. 9 Claims. (Cl. 267—54.)

1. In pivotal connections, the combination of a bracket having spaced arms provided with aligned bores, a member which is arranged between said arms and has a bore that is coaxial with the bores in said arms, a pintle extending through said bores, a rubber bushing between said pintle and said member and through which the member and pintle are connected, axially movable mem-



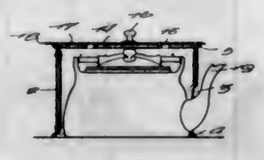
bers fitting the bores in said arms and non-rotatably connected with said pintle, and means whereby said axially movable members are moved to compress said rubber bushing axially and non-rotatably secured to said arms.

1,624,240. INSECT DESTROYER. WILLIAM W. HARWOOD, Grannis, Ark., and GEORGE HARWOOD, Dickinson, Tex. Filed May 22, 1925. Serial No. 32,068. 4 Claims. (Cl. 43—138.)



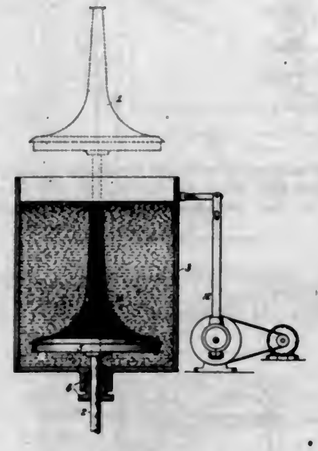
1. An insect destroyer including a carriage, a revolving electro-conducting apron carried thereby, a contact member spaced from said apron, and means for connecting said apron and said contact member to the opposite poles of a source of electricity.

1,624,241. HEAT RETAINER. PAUL A. HASSELBLATT, Brooklyn, N. Y. Filed Nov. 10, 1924. Serial No. 748,991. 1 Claim. (Cl. 53—11.)



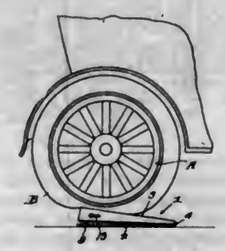
A kitchen utensil comprising a cylindrical member formed of inner and outer spaced walls of sheet metal, the edges of the inner wall being curled outwardly and engaged with the edges of the outer wall, insulating material disposed in the space between the walls of said member, said member being cut inwardly from one end thereof to provide a longitudinal opening therein adapted to receive therethrough projecting portions of utensils over which said member may be applied, said member being also capable of reversal to position the opening at the top or bottom thereof, and a cover for one end of said cylindrical member provided with a plurality of openings, as and for the purposes described.

1,624,242. SOUND-AMPLIFYING HORN. JESSE B. HAWLEY, Wilmette, Ill. Original application filed Feb. 23, 1923, Serial No. 620,579. Divided and this application filed Feb. 24, 1925. Serial No. 11,145. 25 Claims. (Cl. 181—27.)



1. A sound horn comprising a layer of felt and a layer of pulp.

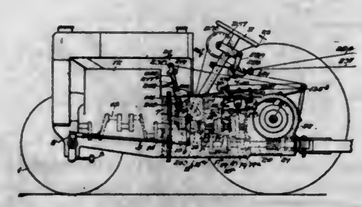
1,624,243. VEHICLE-WHEEL JACK. HENRY J. HOFF and GEORGE B. BUSH, York, Pa. Filed Mar. 2. 1926. Serial No. 91,809. 4 Claims. (Cl. 254—88.)



1. A vehicle wheel jack comprising a base, a rearwardly inclined runway hingedly secured at its forward end on said base, vertical side walls secured to said runway, a vertical wall secured between said side walls adjacent the rear ends thereof, the lower edge of said vertical wall being disposed flush with the lower edges of the side walls, a block adapted for slidable movement on the inner face of the vertical wall between said side walls, and means for moving said block downwardly into engagement with said base whereby the inclined runway may be held in its raised position.

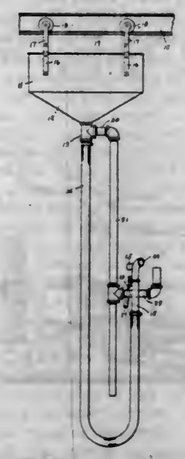
1,624,244. GEAR-CHANGING MECHANISM. LUDWIG HOLLAND-LETZ, Oak Park, Ill. Filed July 7, 1921. Serial No. 483,091. 38 Claims. (Cl. 74—58.)

1. In an apparatus of the class described, the combination with a gear changing element movable to a plurality of different operative positions to control the speed, of a selecting member movable to different positions to determine how the gear changing element shall be moved, a line, and connections between said line and



the selecting member whereby by pulling on the line in different ways the selecting member can be moved to its different selective positions.

1,624,245. SYSTEM OF FEEDING POULTRY AND LIVESTOCK. ARTHUR W. HOLMES, Veedersburg, DONALD E. JAQUES, Thorntown, and HENRY B. COATS, Veedersburg, Ind. Filed Feb. 2, 1926. Serial No. 85,506. 4 Claims. (Cl. 221—67.)

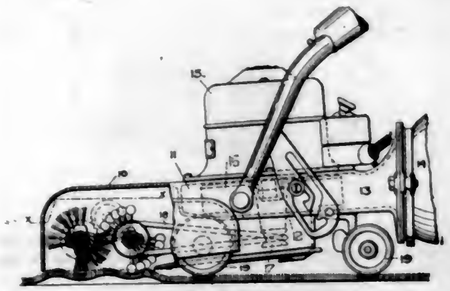


1. In a stock and poultry feeding device, the combination of an overhead trackway, a depending liquid feed-containing tank adapted to travel thereon, a rigid guide bar extending downward from the tank to render the same accessible for moving the tank on the trackway, a flexible depending discharge tube, and a valve-controlled nozzle on the free end of said tube, whereby the tank is easily moved and at the same time the discharge tube is readily manipulated for discharging the feed.

1,624,246. SUCTION CLEANER. HOWARD EARL HOOVER, Chicago, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed Oct. 21, 1922. Serial No. 595,900. 2 Claims. (Cl. 15—6.)

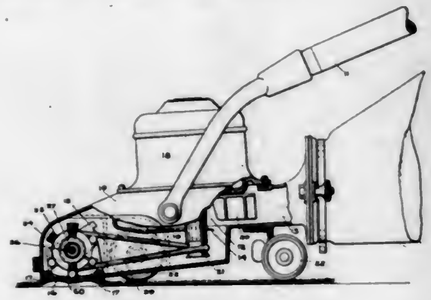
1. In a suction sweeper, a main casing having a suction mouth, means for drawing a current of air through said mouth, support means maintaining the mouth at a distance above the floor covering to be cleaned, means

for sweeping the floor covering, means for vibrating the floor covering while it is drawn up to the mouth by the air, the sweeping means comprising a rotatable body having separated rows of sweeping elements thereon,



the vibrating means comprising a rotatable body having thereon rigidly mounted striking members having fixed orbits of travel, and means producing rotation of the sweeping means and vibrating means in a positive angular relation.

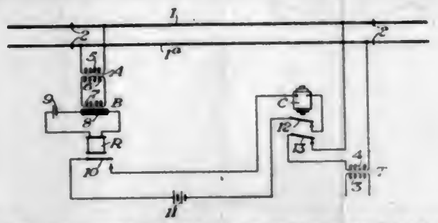
1,624,247. SUCTION CLEANER. HOWARD EARL HOOVER, Glencoe, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed Nov. 1, 1922. Serial No. 598,251. 2 Claims. (Cl. 15—6.)



2. In a suction cleaner, the combination of a casing provided with a suction mouth and means for supporting said casing with the plane of the suction mouth a substantial distance above the surface of the object to be cleaned, a series of guard fingers carried by said casing and extending across said suction mouth, and means for suspending said object to be cleaned against said guard fingers and for moving a current of air past said object and thru said casing, a rotor mounted in the casing, rigid beating elements having orbits of travel extending beyond the surface defined by the guard fingers fixed to the rotor and extending substantially from end to end thereof and brush members secured to the rotor.

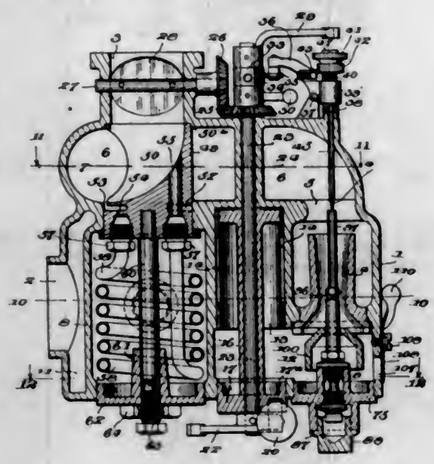
1,624,248. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. LEMUEL F. HOWARD, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed June 21, 1926. Serial No. 117,324. 9 Claims. (Cl. 246—34.)

5. Railway traffic controlling apparatus comprising a track circuit including track rails and a source of current, a track relay, means for periodically interrupting the supply of current from said source to the track rails when said track relay is open but not when it is



closed, and energy integrating means interposed between the rails and said relay for causing the relay to become energized by the periodically interrupted current.

1,624,249. LIQUID-FUEL VAPORIZER. JON HUTCHINSON, Saugerties, N. Y. Filed Mar. 17, 1925. Serial No. 16,232. 14 Claims. (Cl. 123—122.)

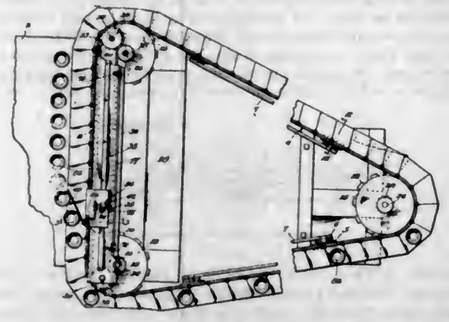


3. The combination with an internal combustion engine, of an attachment therefor comprising a carbureter, a horizontally extending chamber communicating therewith at one end, and with the engine intake at the other end whereby a constant flow of gaseous fuel mixture is set up through said chamber, said engine intake opening upwardly therefrom from the highest point thereof, the walls of said chamber being so shaped as to cause the gaseous mixture from the carbureter to flow in a horizontally curved path, whereby any liquid particles are separated therefrom by centrifugal force and thrown against the outer walls of said chamber, and a vaporizing device located directly below said chamber beneath the engine intake, and communicating with the lowest point of the chamber, whereby any separated liquid, accumulating at the bottom of said chamber, flows by gravity downwardly into said device, while the gas passes upwardly through the engine intake.

1,624,250. LEER-CHARGING APPARATUS. FRED H. JOHNSON and SHERMAN R. LATHROP, Sapulpa, Okla. Filed Mar. 19, 1925. Serial No. 16,834. 13 Claims. (Cl. 198—31.)

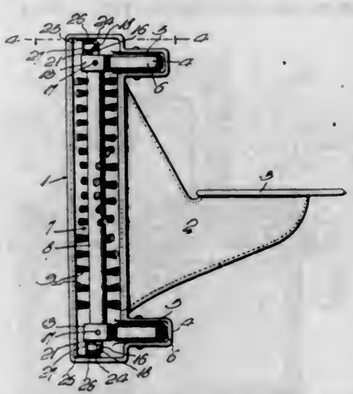
1. In an apparatus for the purpose set forth, the combination of a main conveyer, a carrier arranged in proximity to the main conveyer, an unloader blade

pivoted at one end to the carrier and extending laterally therefrom across the conveyer whereby to push articles laterally from the conveyer, means for causing travel



of the carrier longitudinally of the conveyer, and means mounted upon the carrier and connected with the unloader blade for yieldably holding it across the conveyer.

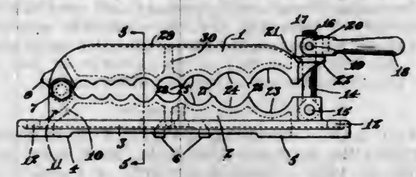
1,624,251. VACUUM CLEANER. WALTER L. KEEFER, Chambersburg, Pa., assignor to Harry G. Wolf, Chambersburg, Pa. Filed Mar. 16, 1925. Serial No. 15,941. 2 Claims. (Cl. 15—8.)



2. In a combined sweeper and vacuum cleaner the combination of an elongated nozzle, brush-driving friction wheels offset from the longitudinal center thereof, a brush in the nozzle engaging said wheels and having spindles, and spring pressed arms pivotally mounted in the nozzle for forcing the brush toward the wheels, each arm having an upper and a lower spindle-receiving notch so positioned that when the brush spindles are in the lower notches the bristles of the brush will project outside of the nozzle to sweep a rug while in contact with the floor, and when the brush spindles are in the upper notches, the brush bristles will be entirely within the nozzle and gently brush the upper surface of the rug while it is lifted above the floor by suction.

1,624,252. PIPE VISE. JOSEPH E. KNERSON, Saugus, Mass., assignor to Trimont Manufacturing Company, Roxbury, Mass., a Corporation of Massachusetts. Filed Feb. 6, 1926. Serial No. 86,415. 8 Claims. (Cl. 81—21.)

1. In a vise of the kind described, a base having a jaw integral therewith, a movable jaw hinged to the first jaw, reinforcing webs extending longitudinally of each jaw each of said jaws having arcuate depressions cooperating to form graduated pipe clamping recesses, and a projecting lug at the rear of said movable jaw to limit the opening thereof, said base having three sup-



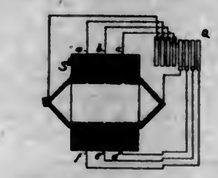
porting portions, formed arcuate to permit application to a rounded support, said base being also provided with means to apply said vise to a flat surface.

1,624,253. CLASP. ANGUS MCISAAC KILBY, Bangor, Me. Filed July 19, 1926. Serial No. 123,504. 1 Claim. (Cl. 24—258.)



A device of the class described comprising a U-shaped body to straddle an article of apparel, one arm of said body having a longitudinal slot and being formed in its inner side with two alined grooves at one end of and at right angles to the length of said slot, the sides of said grooves diverging from the groove bottoms to the open sides of said grooves, a clamping lever having an angular end passing through said one end of said slot, said angular end of the lever being provided with laterally projecting axially alined trunnions rockably seated in said grooves, the common axis of said trunnions being slightly oblique to the length of the lever, necessitating canting of said lever as it is forced to closed position into said slot, said canting causing lateral sliding of the trunnions on the groove sides away from the groove bottoms, whereby the outward pressure of the clamped article on said lever will tend to force said trunnions again toward the groove bottoms and will consequently exert a swinging tendency on the lever toward one wall of the slot, causing said lever to frictionally engage said slot wall and prevent accidental swinging of the lever to released position, and a spring member carried by the aforesaid U-shaped body and engaging the lever to yieldably urge its trunnions toward the groove bottoms.

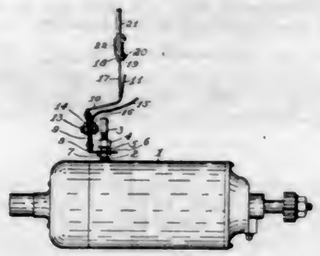
1,624,254. HIGH-SPEED DYNAMO-ELECTRIC MACHINE FOR CONTINUOUS CURRENT. MICHAEL KOSTENKO and NICOLAS JAPOLSKY, London, England. Filed Mar. 19, 1923, Serial No. 626,132, and in Switzerland Feb. 5, 1923. 1 Claim. (Cl. 171—252.)



A high speed dynamo electric machine for continuous current of the type generator, motor, converter, comprising a stationary armature with ventilating passages, a rotating inductor, two commutators rigidly connected with each other, one formed of a set of insulated rings and the other of a set of insulated segments, leads con-

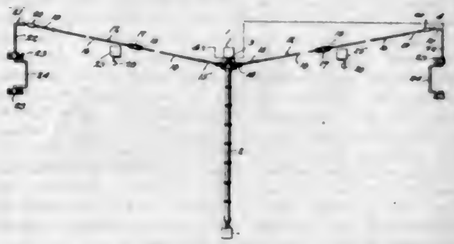
necting the rings with the corresponding segments, and two sets of brushes, one set contacting with the insulated rings and connected with the armature winding by leads passing through, said passages in the armature, and the other set contacting with the commutator segments, and means for rotating the commutator at a speed which is a sub-multiple of that of the inductor, so that the two sets of brushes act to transmit direct current.

1,624,255. STARTING SWITCH FOR ELECTRIC STARTING MOTORS. EMIL KYHL, Britt, Iowa. Filed Dec. 3, 1925. Serial No. 72,972. 4 Claims. (Cl. 200—59.)



1. A device of the character described, comprising an electric terminal, an elastic plate of insulation bracketed on said terminal, another electrical terminal mounted on said insulating device at an angle to the first-mentioned terminal, and a reciprocable member movable for laterally shifting said insulating device to effect contact between said terminals.

1,624,256. AUTOMATIC DRIVE GATE. JEREMIAH LANDIS, Brookville, Ohio. Filed Sept. 2, 1925. Serial No. 54,093. 1 Claim. (Cl. 39—56.)



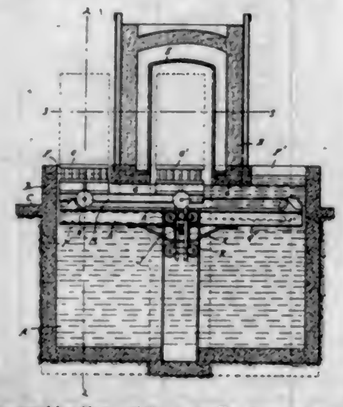
In a device of the class described, a support, a gate pivotally mounted at its upper inner corner on the support for vertical and horizontal swinging movement, a bracket on the support and provided with a V-shaped slot, a depending finger on the lower inner corner of the gate and received slidably in the slot, shafts mounted for rocking movement and located on opposite sides of the gate, the shafts being provided with vehicle engaging cranks, and having arms, an operating member connecting the arms, the operating member being pivotally mounted intermediate its ends, on the finger of the gate, and a lateral support having an inclined edge, the gate having a projection which cooperates with said inclined edge, when the gate is lifted in an open position, thereby to start the gate rapidly toward a closed position.

1,624,257. CARTON-END-CLOSING DEVICE FOR PACKAGING MACHINES. JOHN D. LANE, Cambridge, Mass. Filed Mar. 17, 1925. Serial No. 16,155. Renewed July 7, 1926. 8 Claims. (Cl. 93—2.)

1. In a packaging machine adapted to act on a carton having major walls, an extension on one major wall forming an end wall and a tucking flap, and minor walls having end tabs, said machine, including an intermittently moving carrier adapted to convey an opened carton edgewise in a predetermined path, and carton-forcing means, adapted to move the carton endwise toward said carrier; a carton end-closing device, adapted to turn inward one of the lower end tabs, when the carton is moved endwise and the carrier is at rest, and to turn inward the opposite end tab when the carrier moves, said device comprising a fixed track including a primary section, having an inclined portion which turns inward one of the end tabs, when the carton is moved endwise, and a secondary section separated from the primary section by a slot into which the other end tab is forced by the endwise movement of the carton, said secondary section turning inward the last-mentioned tab when the carrier moves, and converting means acting after the successive turning of the end tabs, to convert the extension into an end wall and a tucked flap.



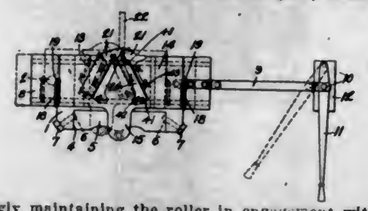
1,624,258. NONOXIDIZING ANNEALING FURNACE. VICTOR E. LANE, Detroit, Mich. Filed Feb. 15, 1926. Serial No. 88,325. 6 Claims. (Cl. 214—18.)



1. The combination with a muffle furnace having an opening at the bottom, of a water filled pit beneath said furnace extended to provide openings thereto on opposite sides of the furnace, an elevator within said pit having a beam extending to the opposite sides thereof, a carriage mounted to travel on said beam and spaced work supports on said carriage for registering with said muffle respectively when said carriage is at opposite ends of said beam the work supports not in registration with said muffle being registered with one or the other of said external openings to the pit.

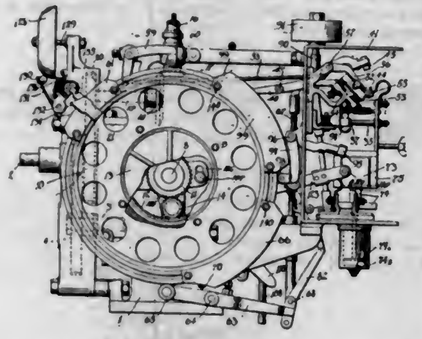
1,624,259. TOOL-GRINDING MACHINE. SIMON LANGLAIS, Montreal, Quebec, Canada. Filed May 22, 1922. Serial No. 562,764. 2 Claims. (Cl. 51—100.)

1. A grinding machine consisting of a supporting frame; a stationary base member fixed upon the supporting frame and having in its top a longitudinal guideway and a recess, the recess being located at the front of the member; a templet mounted within said recess and disposed parallel to the guideway the front face of the templet being irregular; a grinding element located adjacent the rear side of the base member; a carriage supported upon the base member and movable longitudinally within the guideway; said carriage having a transverse guideway in its top; a second carriage mounted upon the first mentioned carriage and movable transversely in the transverse guideway, the said second carriage having a fixed downwardly extending shaft; a roller rotatably mounted upon said shaft and adapted to bear against the irregular face of the templet; means for



yieldingly maintaining the roller in engagement with the templet; means for moving the first mentioned carriage longitudinally, and means mounted upon the second carriage for detachably securing a tool thereon; said last-mentioned means consisting of a device, means rigidly securing the device to the top of the carriage, and a clamping device for clamping the tool in contact with the said rigidly mounted device.

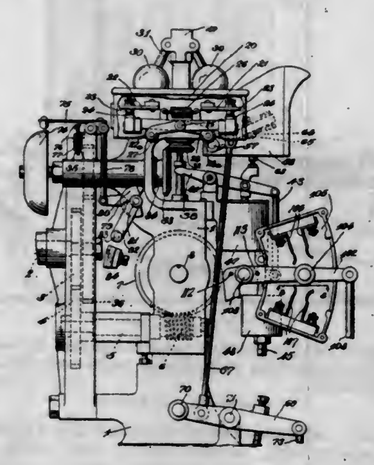
1,624,260. HOIST CONTROL. WILLIAM J. LILLY, Tacoma, Wash., and HENRY H. LOGAN, Chicago, Ill. Filed Oct. 9, 1922. Serial No. 593,466. 22 Claims. (Cl. 192—140.)



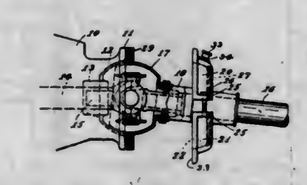
6. A hoisting engine controller of the character described comprising a cam operated limit switch and an over-speed switch, a governor for operating said over-speed switch, a shaft arranged for synchronism with the hoist drum of a mine hoist, said shaft being connected by means of a gear train with said governor, a movable cam supporting member, a cam carried by said member arranged to actuate said cam operated switch when moved into engagement therewith, means associated with said shaft and with said movable cam supporting member for moving said cam supporting member at a speed directly proportional to the speed of said shaft and consequently said hoist drum, and other means associated with said named means for varying at will the relative position of said movable member and said shaft, thereby to hasten or retard the engagement of said cam with said cam operated switch.

1,624,261. HOISTING-ENGINE CONTROL. WILLIAM J. LILLY, Tacoma, Wash., and HENRY H. LOGAN, Chicago, Ill. Filed Mar. 24, 1923, Serial No. 627,504, and in Canada May 5, 1924. Renewed Aug. 16, 1926. 8 Claims. (Cl. 192—139.)

1. In a hoist engine controller of the type described, an over-speed switch comprising a pair of insulating members pivotally connected with one another, a contact member on each of said insulating members arranged for contact when said members are substantially in registration with one another, a governor arranged to be driven by the hoist drum of a mine hoist, a push rod arranged for actuation by said governor and further arranged to engage with one of said insulating members when said governor is expanded beyond a predetermined degree, so as to cause the movement of said last named insulating member away from the remaining insulating member, and cam operated means for moving said insulating members as a unit toward said push rod, thereby hastening the actuation of said over-speed switch by expansion of said governor.



1,624,262. SEPARABLE COVER FOR UNIVERSAL BALL-JOINT CASES. ALFRED A. LINLEY, Fairfield, Conn. Filed June 1, 1923. Serial No. 642,739. 2 Claims. (Cl. 64—89.)

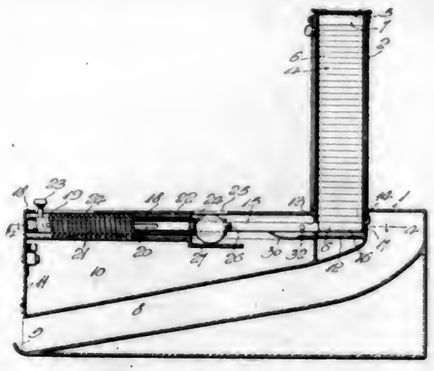


2. A collar for universal ball joints comprising a pair of semi-annular and interiorly spherical-shaped members having their corresponding adjacent ends detachably connected to each other, and each of said members having one edge provided with a laterally extending flange for detachable connection with the corresponding flange of the transmission casing, and adjustable means for taking up wear.

1,624,263. VENDING MACHINE. WALTER LOYD LINTON, Independence, Kans. Filed Dec. 8, 1924. Serial No. 754,599. 2 Claims. (Cl. 211—8.)

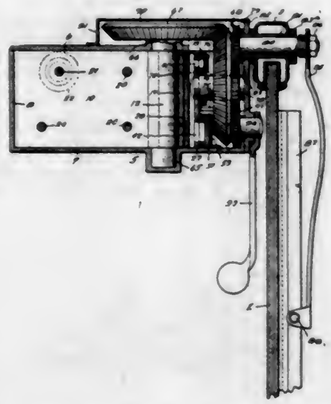
1. A vending machine comprising a magazine for articles of merchandise, an ejector having a straight wire-like terminal extending in the direction of movement of said ejector and normally disposed under the magazine

to engage the central portion of the lowermost article, said ejector also having a thrust shoulder to engage the article, and means for operating said ejector to pro-



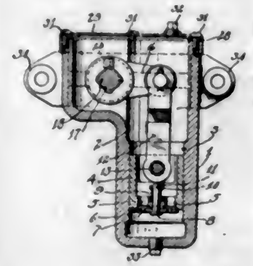
ject said wire-like terminal and the article beyond the magazine, permitting such article to tilt and fall from said terminal.

1,624,264. MOTOR-DRIVEN WINDSHIELD CLEANER. SAMUEL LIPPERT, Garfield Heights, Ohio, assignor to The Outlook Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 26, 1923. Serial No. 676,971. 10 Claims. (Cl. 121—97.)



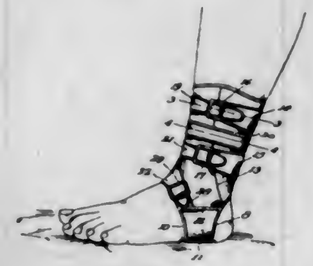
1. In a motor of the class described, the combination of a casing, a partition dividing the same into an operating chamber and a valve space, a vane mounted to oscillate within the operating chamber and dividing the same into two compartments, the casing enclosing a pressure fluid chamber adjacent said partition, the partition having a main port leading into the pressure fluid chamber and ports spaced laterally therefrom leading into the respective compartments of the operating chamber, a main valve cooperating with said ports and by means of which when it is moved in opposite directions said compartments are, in alteration, placed in communication with the pressure fluid chamber, pressure fluid means for operating the main valve, the partition having passageways leading to the pressure fluid means and a second port opening into the pressure fluid chamber, a relay valve through which said passageways are, in alteration, placed in communication with the pressure fluid chamber, and operative connections between the vane and the relay valve.

1,624,265. SHOCK ABSORBER. HENRY HAVELOCK LOGAN, Chicago, Ill. Filed Apr. 12, 1926. Serial No. 101,496. 6 Claims. (Cl. 188—88.)



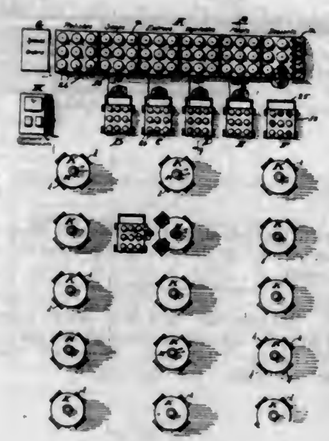
1. A shock absorber comprising a casing having a single compartment therein adapted to contain a liquid, a portion of said compartment being fashioned into a cylinder, a piston movably disposed in said cylinder, and having a plurality of relatively large openings therein, and a spring-pressed plate disposed over the openings, said plate being adapted to move free from said piston, whereby the liquid may flow through the openings in said piston during the movement of the piston upwardly, said plate having relatively small openings therein, whereby the speed of the piston is limited during the downward movement of the piston.

1,624,266. ANKLE BRACE. MAUDE LUDER, Asbury Park, N. J. Filed Sept. 21, 1925. Serial No. 57,738. 1 Claim. (Cl. 128—166.)



An ankle brace comprising a flexible body including an upper ankle embracing portion and a lower foot embracing portion, the upper portion consisting of a back and sides, one of the sides being integral with the back and having a top and two lower short straps and an intermediate long strap, the back having narrow openings opposite the short straps adjacent the long strap, and the other side being stitched to the back by a longitudinally curved seam and having two long straps to pass through the said narrow openings and receive the short straps in line with said openings to which they are adapted to be buckled, and the lower foot embracing portion forming a part of the back and an extension of the integral side and stitched to the lower end of the stitched on side by a straight seam, the lowermost short strap being adapted to extend over the instep and be buckled to the outer forward corner of the lower foot embracing portion adjacent the straight side seam.

1,624,267. SYSTEM AND MEANS FOR DISPENSING FOODS AND COMMODITIES. LAMAR LYNDON, New York, N. Y., and RAYMOND IVES BLAKESLEE, Los Angeles, Calif. Filed Aug. 16, 1924. Serial No. 732,583. 11 Claims. (Cl. 186—1.)



1. The improved method of service to customers at one or more points in an establishment, of wares to be selected accompanied by inspection, consisting in providing a plurality of movable conveying and displaying units each stocked with certain wares, and a main dispensing unit for re-stocking such display units, whereby attendants assigned to such respective display units may upon receipt of notice or signal repair to such point or points and permit selection and purchase thereat.

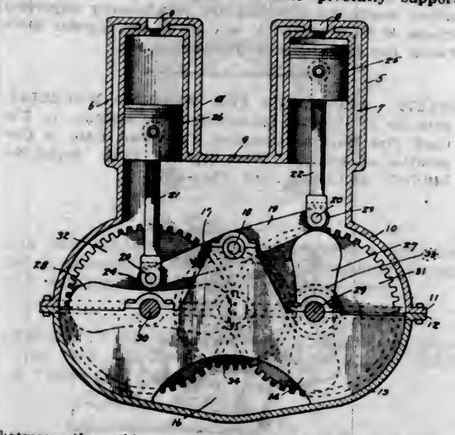
1,624,268. POURING-SPOUT CONTAINER. DONALD G. MAGILL, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed June 16, 1922. Serial No. 568,760. 6 Claims. (Cl. 221—11.)



1. A pouring spout for salt and like containers, comprising three walls shaped from a single blank, the free edges of two of said walls joining each other and forming a pouring chamber closed at the top when the spout is moved in pouring position.

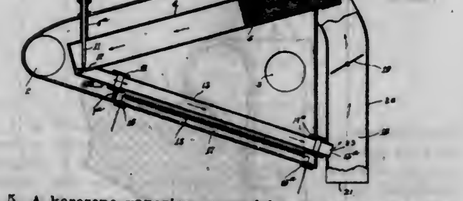
1,624,269. MOTOR. PAUL MARCHETTI, San Francisco, Calif. Filed Jan. 20, 1926. Serial No. 82,540. 3 Claims. (Cl. 74—14.)

1. A motor having a plurality of cylinders arranged in parallel rows, each of said cylinders having a piston and a piston rod, a plurality of engine shafts arranged in parallel relation and connected together at one end, oblong cam members secured to said engine shafts and arranged so as to extend one at an angle to the other and disposed so as to bear constantly upon the free ends of said piston rods, a beam member pivotally supported



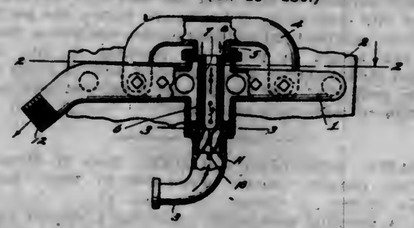
between the said cylinders of the motor and having its opposite ends pivotally connected to the end portions of said piston rods.

1,624,270. KEROSENE VAPORIZER. JOHN A. MATHES, San Diego, Calif. Filed Sept. 27, 1920. Serial No. 413,040. 8 Claims. (Cl. 48—103.)



5. A kerosene vaporizer comprising a casing having an inlet and an outlet for exhaust gas, two downwardly inclined vaporizing tubes supported in said casing, the upper end of the primary vaporizing tube having a valve controlled inlet and the lower end having a valve controlled outlet communicating with the upper end of the secondary vaporizing tube, the outlet of which is unobstructed.

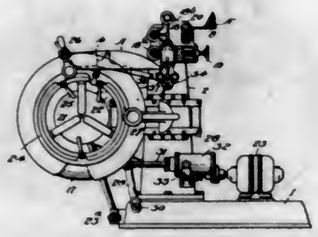
1,624,271. FUEL VAPORIZER FOR INTERNAL-COMBUSTION ENGINES. HARRY E. MAY, Kansas City, Mo., assignor, by direct and mesne assignments, to Economy Vaporizer Company, Kansas City, Mo., a Corporation of Missouri. Filed Apr. 1, 1926. Serial No. 99,052. 8 Claims. (Cl. 48—180.)



1. A vaporizer for internal combustion engines, comprising concentrically arranged tubular members, form-

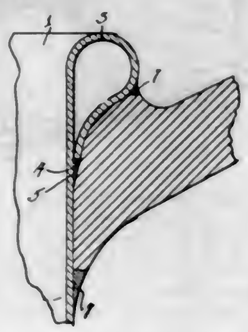
ing concentrically arranged passageways in an exhaust manifold, connections with the combustible fuel supply line and with the manifold to the engine cylinders, independent means for directing the insufficiently vaporized portions of the combustible mixture to the annular space between the concentrically arranged tubes.

1,624,272. APPARATUS FOR WINDING MATERIAL. HOWARD I. MORRIS, Lakewood, Ohio, assignor to The Cord Tire Machine Company, Cleveland, Ohio, a Corporation of Arizona. Filed Sept. 30, 1924. Serial No. 740,750. 21 Claims. (Cl. 154—10.)



1. In apparatus of the class described, the combination with a supply means for material and a rotating member on which the material is wound, of a guide device for the material between said supply means and said member having openings in its surface, and means for supplying a fluid for discharge through said openings.

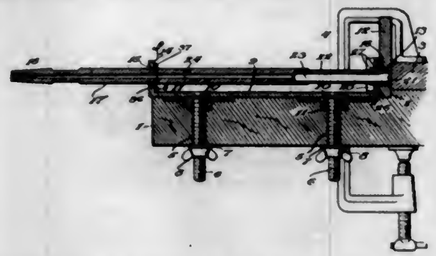
1,624,273. RECEPTACLE. DANIEL C. MURPHY, Scobey, Mont. Filed Dec. 21, 1925. Serial No. 76,936. 1 Claim. (220—94.)



A receptacle comprising a body portion open at one end, a bead on said body portion adjacent to said opening, said bead being bent outwardly, downward, and inwardly in arcuate paths, the lower edge of said bead being welded to said body portion, the material of said welded portion being smoothed so as to cause the outer arcuate surfaces of said bead and said body portion to taper into each other, and a handle having the portion adjacent said bead and said body portion conforming thereto and welded in place, the material of said last named welded portion being smoothed so as to cause the outer surface of said handle, said bead, and said body portion to taper into each other.

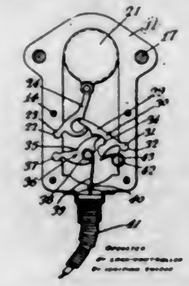
1,624,274. DOWELING MACHINE. JOHN M. MYRDAL, Trail, Ontario, Canada. Filed Feb. 25, 1926. Serial No. 90,664. 3 Claims. (Cl. 144—12.)

1. A doweling mechanism comprising a support for a body from which dowels are to be formed, a base plate mounted upon said support and having upright members at its ends, said members being provided with axially alined openings therethrough and one of said members being arranged to bear against the body from which



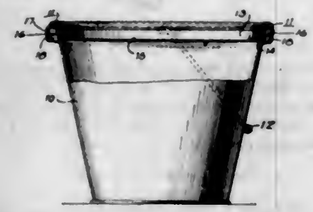
dowels are to be formed, and a hollow bit fitted through and supported and guided by the openings in said upright members.

1,624,275. MANIFOLD CUT-OFF FOR INTERNAL-COMBUSTION ENGINES. NORA N. NEHER, Los Angeles, Calif. Filed June 9, 1926. Serial No. 114,638. 8 Claims. (Cl. 137—139.)



1. A device for controlling the supply of fuel to an internal combustion engine comprising a valve adapted to be inserted in the fuel conduit leading to the engine, an actuating member, and means connecting said actuating member to the valve whereby the valve may be opened and closed by the actuating member, said means being so constructed that if the actuating member is moved to a position beyond the full open position of the valve, the valve will automatically return to its closed position.

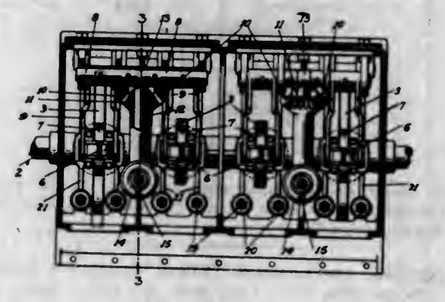
1,624,276. SANITARY COVER AND STRAINER FOR MILK PAILS. CHRISTY NELSON, Square Butte, Mont. Filed Sept. 29, 1925. Serial No. 59,386. 2 Claims. (Cl. 210—155.)



1. A milk pail cover and strainer comprising a frame adapted to fit in the upper end of a pail, a strainer cloth carried in the frame and having its edge portion extending upwardly for engagement over the upper edge of the pail, and a bendable wire threaded about the edge portion of the cloth to weigh the same down and

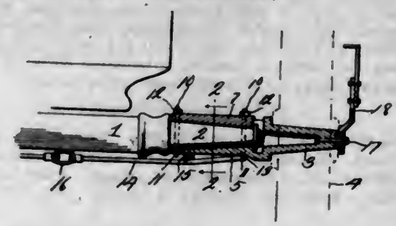
hold it over the edge of the pail, said bendable wire being adapted to be bent inwardly against the side of the pail to crush the edge portion of the cloth thereabout and maintain the cloth taut over the pail.

1,624,277. INTERNAL-COMBUSTION ENGINE. HENRY A. NORDWICK and PAUL J. MARCHETTI, Stockton, Calif., assignors, by direct and mesne assignments, to Duplex Motor Company, San Francisco, Calif, a Corporation of Nevada. Filed Jan. 19, 1925, Serial No. 3,252. Renewed June 8, 1926. 11 Claims. (Cl. 123—197.)



1. A fluid engine including a shaft, a pair of cylinders disposed in longitudinal alinement therewith, pistons in the cylinders, drive means between the pistons and shaft arranged to cause the pistons to reciprocate in oppositely timed relation to each other, and means between the pistons independent of the drive means whereby pressure applied to one piston in one direction is transmitted to the other piston to act on the latter in the opposite direction.

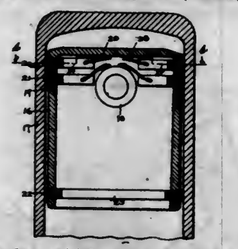
1,624,278. AXLE ATTACHMENT. OSCAR OLSON, Boyceville, Wis. Filed Mar. 8, 1926. Serial No. 93,189. 2 Claims. (Cl. 301—128.)



1. An extension skein for an axle skein, said extension skein being disposed in axial relation to the axle skein, an inwardly extending integral casing carried by the extension skein and having a longitudinally disposed chamber extending inwardly from one side thereof and in which the axle skein is received through the side of the extension casing, a tapered clamping block disposed in the casing chamber and engaging the upper side of the axle skein, U-shaped bolts arching the casing, the arms of said U-shaped bolts being connected to the block at opposite sides of the casing.

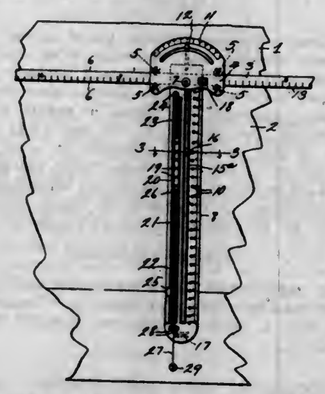
1,624,279. PISTON RING. ELDREDGE H. PACKER, San Francisco, Calif. Filed Feb. 8, 1926. Serial No. 86,768. 3 Claims. (Cl. 74—109.)

1. The combination with a cylinder and a piston operating in the cylinder, which piston is provided with a piston ring groove and with openings extending through the back of the groove, of a piston ring mounted in said groove and means interiorly of the piston for holding said piston ring in yielding engagement



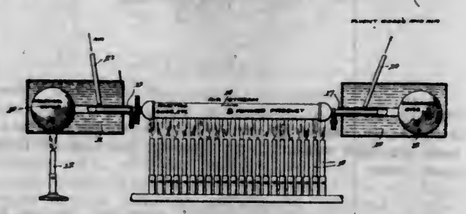
with said cylinder, which means includes a split ring and projections on said split ring extending through said openings and engaging said piston ring.

1,624,280. T SQUARE. ANDREW M. RASMUSEN, Montrose, Colo. Filed Mar. 16, 1925. Serial No. 15,873. 3 Claims. (Cl. 33—26.)



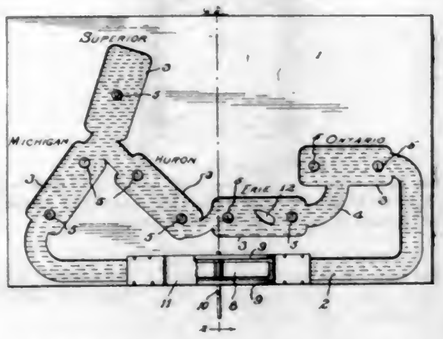
1. A T-square comprising a vertically disposed support, a horizontally disposed scaled bar carried by said support, a T-square head longitudinally movable on the scaled bar, a downwardly extending blade pivotally connected to the head and provided with a scale and a plurality of apertures adjacent one of its edges, a vertically disposed channel on said blade, a plate slidably mounted in said channel, a spring arm carried by said plate and positioned whereby it will overlie any of the apertures in the blade to urge a marking element therethrough, and a roller carried by the lower end of the blade and engaging the support.

1,624,281. PROCESS OF PRODUCING ARSENIC COMPOUNDS. EUGENE R. RUSHTON, Madison, Wis. Filed May 28, 1924. Serial No. 716,441. 45 Claims. (Cl. 23—53.)



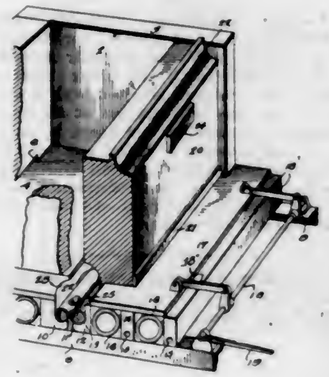
1. The process which consists in subjecting a substance contributing to the formation of an arsenic compound to an arsenical gas in the presence of oxygen and heat.

1,624,282. GAME. LEON L. RUSSELL, Livermore Falls, Me. Filed Aug. 11, 1926. Serial No. 128,630. 2 Claims. (Cl. 273—132.)



1. A game comprising a game board having a water way formed therein, said waterway being endless and having one portion parallel with and adjacent an edge of the game board and another portion simulating lakes and canals connecting the lakes, a paddle wheel arranged within that portion of the water-way adjacent an edge of the board and adapted to cause circulation of water in the water-way, buoys placed in the several lakes in spaced relation to the sides thereof, and a buoyant object to be caused to travel through the water-way by the circulation of water therein.

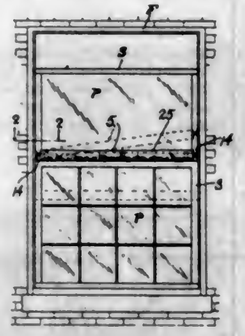
1,624,283. APPARATUS FOR MAKING TRANSPARENT SHEET GLASS. GEORGE A. SHIELDS, Columbus, Ohio. Filed Feb. 3, 1926. Serial No. 85,763. 7 Claims. (Cl. 49—3.)



1. In an apparatus of the character described, a flow chamber having an opening in the bottom thereof, and a pair of stationary cylindrical fluid cooled forming members arranged beneath said opening and spaced from each other.

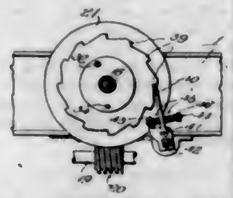
1,624,284. WINDOW-CLEANING DEVICE. ELMER E. SHIPLEY, Washington, D. C. Filed Apr. 30, 1925. Serial No. 26,922. 4 Claims. (Cl. 15—250.)

1. A window cleaning device adapted to be secured laterally of a window frame, comprising a telescopic bracket, feet disposed at the ends of the bracket, universal couplings connecting the feet to the bracket, a brush, clips connecting the brush to the bracket, a wiper over



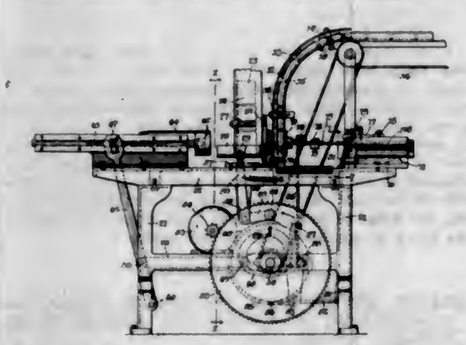
th brush, and fastening elements carried by the wiper and securing the same around the brush and co-related elements thereof.

1,624,285. LOG-LOADING TRUCK. CHAUNCY A. SIDERS, Twelve Mile, Ind. Filed Sept. 10, 1925. Serial No. 55,557. 2 Claims. (Cl. 254—185.)



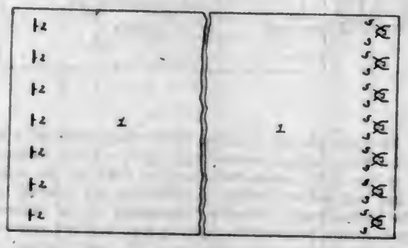
1. In a log loader, cable winding means comprising a pair of drums having ratchet teeth, means for rotating either or both of said drums in one direction, pivoted independently operable spring-pressed dogs mounted for coaction with the two sets of ratchet teeth, and spring means for yieldably exerting a releasing force on both dogs and means for actuating said spring means.

1,624,286. CAPPING MACHINE. JULIUS A. STOCK, Cicero, Ill., assignor to W. C. Ritchie & Company, Chicago, Ill., a Corporation of Illinois. Filed July 17, 1924. Serial No. 726,581. 5 Claims. (Cl. 113—26.)



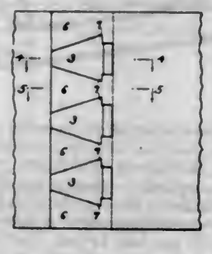
1. In a can-capping machine, the combination of means to support a can, means to support a flanged cap in register with the can, a series of resilient guiding fingers, means to project said fingers into the cap, an abutment against which the cap is adapted to bear during the assembly of cap and can, means to force the can through the group of guiding fingers into the cap, and means to permit said abutment to recede during said assembly, whereby the can and cap are telescopically assembled sufficiently gradually to permit the substantially simultaneous escape of air between them thus preventing dislodgment of the cap by trapped air in the capped can.

1,624,287. SCREEN WALL FOR CENTRIFUGAL BASKETS. EDWARD N. STONE, Ogden, Utah, assignor of one-half to Cresson-Morris Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 21, 1923. Serial No. 626,582. 6 Claims. (Cl. 210—76.)



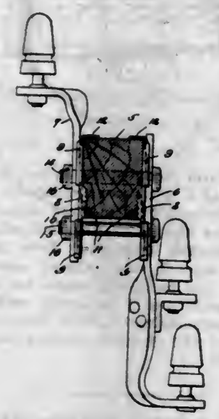
1. A screen for a centrifugal basket consisting of a sheet of material adapted to be bent into annular form, said sheet being provided, adjacent one end, with a series of transverse slots, and being provided, adjacent the other end, with a corresponding series of inwardly pointing fingers adapted to enter into and be engaged by the transverse slots and means carried by said fingers for preventing their accidental withdrawal from the said transverse slots.

1,624,288. SCREEN WALL FOR CENTRIFUGAL BASKETS. EDWARD N. STONE, Ogden, Utah, assignor of one-half to Cresson-Morris Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 21, 1923. Serial No. 626,583. 4 Claims. (Cl. 210—76.)



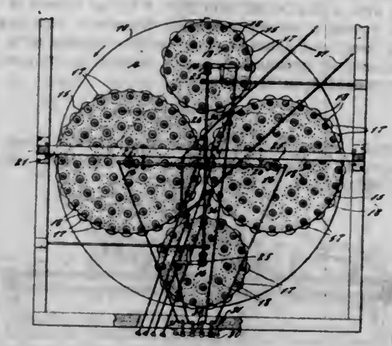
1. As an element of centrifugal machines, a sheet of foraminous metal, said sheet, at one end being provided with a series of transverse slots and at the other end with a corresponding series of longitudinally extending tongues stamped from but not extending past the sheet and having bases wider than the length of the slots, the bases forming side wings adapted to be folded back to enable the tongues to be passed through the slots and to be unfolded to hold the tongues in locking engagement in the slots, the said longitudinally extending tongues defining complementary tongues which form a substantially continuous surface with the ends of said first-named tongues when the element is assembled and the wings of said first-named tongues are unfolded.

1,624,289. BRACE PLATE. MARK TAYLOR, Gainesville, Ga., assignor of eleven-twentieths to Arthur W. Beaupre, Atlanta, Ga. Filed Apr. 14, 1926. Serial No. 102,054. 1 Claim. (Cl. 173—321.)



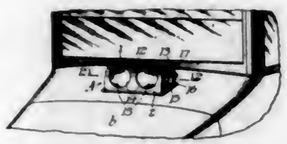
A plate for use with transposition brackets including a body portion having an elongated inwardly extended flange formed along the upper edge thereof and adapted to rest on the upper edge of a cross arm, the ends of the flange extending appreciable distances beyond the side edges of the body portion, flanges extending downwardly from the elongated flange and disposed on opposite sides of the body and adapted to rest against the outer face of a cross arm, said body having bolt openings to receive securing bolts, and means on the body portion for securing a transposition bracket against lateral movement with respect to the body portion.

1,624,290. METHOD OF AND APPARATUS FOR POLISHING. WILLIAM TAYLOR and FRANCIS WILLIAM PRESTON, Leicester, England. Filed Feb. 21, 1922. Serial No. 538,283. 9 Claims. (Cl. 51—118.)



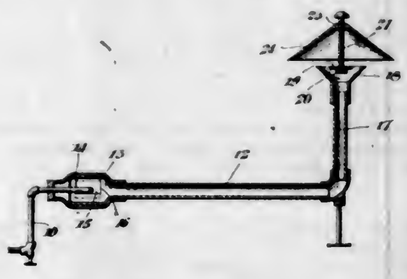
1. The method of controlling the supply of polishing material in polishing a surface by means of a polishing member, said polishing member and the work being moved relatively to one another to effect the polishing, which method comprises utilizing the variation of frictional resistance between the surfaces of the work and polishing member to cause the operation of an indicator, and manually varying the supply of polishing material according to indications of the indicator.

1,624,291. VENTILATOR. HOWARD E. TROUTMAN, Chicago, Ill. Filed Aug. 25, 1923. Serial No. 659,377. 7 Claims. (Cl. 98—2.)



1. In a ventilator adapted to induce suction at an exhaust opening of a space to be ventilated, the combination of a movably supported member comprising a cover plate for covering and uncovering said exhaust opening, a wall which depends from said cover plate in close proximity to a side of said exhaust opening provided with an opening, and an ejector nozzle the admission end of which is secured to said depending wall with its admission end in communication with the opening therein and its discharge end directed laterally with respect to its admission end.

1,624,292. GAS BURNER. CHARLES HENRY UPRIGHT, Edmonton, Alberta, Canada. Filed May 14, 1926. Serial No. 109,118. 1 Claim. (Cl. 67—87.)



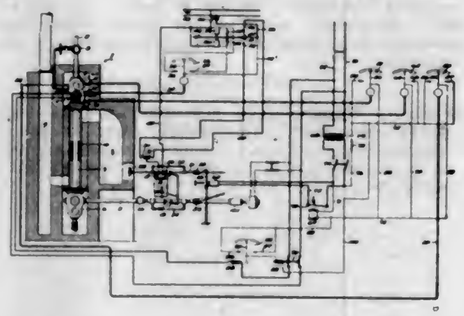
A gas burner comprising in combination with a gas supply pipe, a funnel for said pipe, a spider formed in the funnel having a threaded opening therein, a pin formed with a bead and adapted to adjustably engage with the spider, and a substantially cone shaped cover member rigidly mounted on said pin.

1,624,293. RUG-RENOVATING MACHINE. TODD L. WAGONER, Salina, Kans. Filed Jan. 28, 1924. Serial No. 689,063. 3 Claims. (Cl. 15—4.)



1. In a carpet cleaning machine, a supporting frame, an endless conveyor carried thereby for conveying a carpet, upright supports at opposite sides of said frame, means arranged in rear of the supports in the direction of travel of the carpet for preliminarily removing the dust from the carpet, a scrubber reciprocably mounted on the supports for action upon the carpet, and means disposed between the supports and the first-named means for supplying a cleansing liquid to the carpet.

1,624,294. CONTROL SYSTEM. GEORGE W. WALLACE, San Francisco, and HARRY K. IHRIG, Berkeley, Calif.; said Ihrig assignor to said Wallace. Filed Sept. 17, 1923. Serial No. 663,032. 31 Claims. (Cl. 196—132.)



9. In a system for cracking liquid hydrocarbons, a still for the hydrocarbon, means for supplying the hydrocarbon to the still, means for applying heat to the still, a thermal responsive element arranged at the desired level of the hydrocarbon, whereby it responds to the difference in temperature between the hydrocarbon and the vaporized matter above the hydrocarbon as the level varies, and means for simultaneously controlling the supplying means and the heating means in accordance with the thermal condition of the element.

16. A cracking still having a passageway for hydrocarbon to be treated, a chain in the passageway arranged to be constantly driven to prevent the accumulation of deposits, an electric motor for driving the chain, and means responsive to load conditions on the motor for deenergizing the motor.

1,624,295. WEATHER STRIP. OWEN C. WATKINS, Festus, Mo. Filed Mar. 15, 1926. Serial No. 94,880. 3 Claims. (Cl. 20—67.)

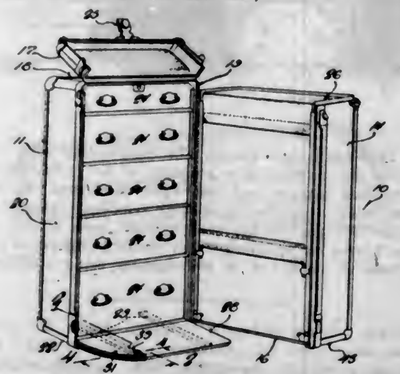


1. A weather seal adapted for mounting on a casement window sash for coaction with an upstanding sill carried bead extending throughout the length of the sill and projecting above the sill to form a water stop, said seal comprising an elongated metal strip having a tubular bead along one of its longitudinal edges, said bead being formed near its ends with notches, having another notch at one of its ends, and being formed with an additional notch between its ends, bearings in the notches near the ends of said bead having attaching means for anchorage to the sash, a coiled torsion spring in the notch between the ends of the bead, one end of said spring engaging the strip while the other end thereof is adapted to engage the sash, a rod passing loosely through the entire length of said tubular bead and spanning all of its notches, said rod passing through said bearings and said spring, and a bell crank having an eye received in the notch at the end of said tubular bead, said eye being mounted on one extremity of said rod, one arm of said bell crank being secured to said strip while the other arm thereof is adapted to coaction with the still-carried bead to offset lowering of the strip against the action of the aforesaid spring.

1,624,296. METHOD OF TREATING SUGAR. HENRY C. WELLE, Crockett, Calif. Filed Oct. 1, 1923. Serial No. 665,949. 4 Claims. (Cl. 127—63.)

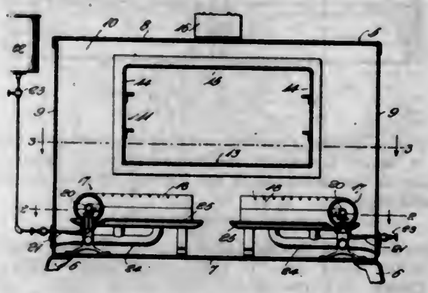
1. The process of adding small quantities of a solution containing phosphate ions to soft sugar not in solution, and thoroughly mixing the sugar with the solution to obtain a uniform mixture.

1,624,297. BAGGAGE CARRIER. GEORGE HENRY WHEARY, Racine, Wis., assignor to Wheary Trunk Company, Racine, Wis., a Corporation of Wisconsin. Filed June 10, 1925, Serial No. 36,223. Renewed Sept. 4, 1926. 17 Claims. (Cl. 190—13.)



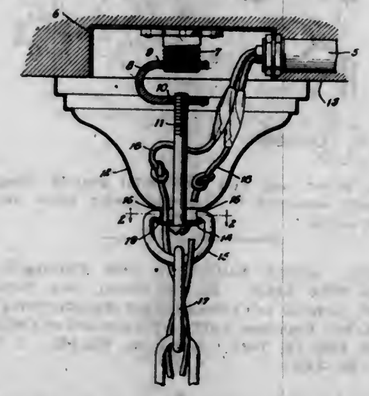
1. In a baggage carrier having sections hinged together for relative movement in a horizontal plane, the combination with one of the sections, of a traveling support connected with the lower portion thereof, and means carried by the other section for lifting and independently supporting the first-mentioned section to hold said traveling support above the floor level during a part of the closing movement of the sections.

1,624,298. STOVE. OSCAR WHITE, St. Louis, Mo. Filed May 4, 1926. Serial No. 106,760. 1 Claim. (Cl. 126—44.)



A combined cooking and baking stove comprising an outer casing having a top, a bottom, a back wall, opposed end walls and a front wall, said front wall being formed with a door, a vent from the upper portion of said casing, an inner casing within said outer casing and comprising a top spaced downwardly from the top thereof, a bottom spaced upwardly a relatively great distance from the bottom of the outer casing, and two opposed end walls inwardly spaced from said opposed walls of said outer casing, the back of said inner casing being formed by a portion of the back of said outer casing and the front of said inner casing being formed by the aforesaid door; and burners mounted in lower corner portions of the outer casing, said burners being of U-shape in plan view and having their arms extending under said inner casing, the arm-connecting portions of said burners being disposed longitudinally of and below the existing spaces between said opposed end walls of the inner and outer casings.

1,624,299. LIGHTING FIXTURE. JAMES WILLIAMSON, Chicago, Ill. Filed July 31, 1924. Serial No. 729,290. 2 Claims. (Cl. 240—85.)



1. The combination with a member of an electric wiring installation, as a junction box, for supporting a lighting fixture, of an adapter consisting of a plate bent U-shape in the form of a yoke with the bend extended outward from the ends of the arms and with the ends of said arms separated but disposed in parallel relation relatively close to each other, each of said arms having a screw threaded opening, one to receive a threaded adjusting bolt and the other for threaded engagement with a threaded stud of the junction box, one arm of the yoke being engaged with the member, a canopy having a tip with a closed end, a bolt threadedly engaged with the other arm of the adapter yoke and passing through said closed end of the canopy tip, the adapter being bendable to adjust the fixture relative to the member, and the head of the bolt engaging the closed end of the canopy tip to hold the canopy in place.

1,624,300. REFLECTOR-JEWEL MOUNTING. JOSEPH E. WOOD, Chicago, Ill., assignor of one-half to Harland K. Delahanty and one-half to Stewart Brown, Chicago, Ill. Filed Aug. 15, 1925. Serial No. 50,474. 2 Claims. (Cl. 88—1.)

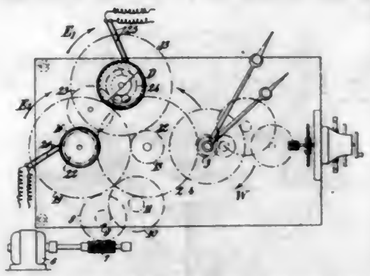


1. The combination with a reflector jewel, of a casing therefor having an opening, a U-shaped clamping member having one arm arranged to enter the opening, an intermediate dish-shaped disc between the jewel and said arm for holding the jewel and the arm against portions of the casing, and a set screw carried by the other arm movable toward and away from the rear of the casing.

1,624,301. ELECTRICALLY-OPERATED AUTOMATIC WINDING DEVICE. MASAJI YOKOYAMA, Setagaya-Mura, Japan. Filed Jan. 30, 1926, Serial No. 85,060, and in Japan Jan. 31, 1925. 7 Claims. (Cl. 185—40.)

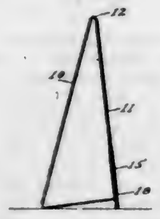
1. A winding device for a spring motor operable by an electric motor, comprising a differential gearing, the

housing of which is provided with electrical conducting and insulating portions, an electric motor, brushes engaging said housing adapted to close the circuit through the



electric motor, and said differential gearing being mechanically connected to both the spring motor and the electric motor.

1,624,302. EASEL MOUNTING FOR PHOTOGRAPHS AND THE LIKE. JULIUS YOUNG, San Francisco, Calif., assignor to California Card Manufacturing Company, San Francisco, Calif., a Corporation of California. Filed July 18, 1923. Serial No. 652,463. 1 Claim. (Cl. 40—149.)



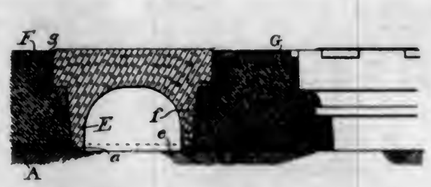
A mounting for photographs and the like, comprising an intermediate panel forming a frame for the photograph, a panel hinged to the upper end of the intermediate panel and movable from a position overlying the front thereof to a position behind the intermediate panel, whereby to constitute one leg of an easel, a short panel hinged at the lower end of the intermediate panel and movable from a position overlying the other end panel to a position where it will form a base for the easel, and means for interlocking said end panels both in folded and extended positions, said interlocking means comprising a tongue hinged to the end of the short panel, a pocket in the free end of the opposite end panel formed by separating the plies thereof to receive said tongue when the parts are extended, and a tab on said last-named panel, beneath which said tongue is adapted to lie when the parts are folded.

1,624,303. MAINSPRING TESTER FOR 12 AND 16 SIZE WATCHES. WILLIAM R. ZESINGER, South Bend, Ind., assignor to South Bend Watch Company, South Bend, Ind. Filed Aug. 30, 1924. Serial No. 735,165. 1 Claim. (Cl. 73—51.)



A tester for 12 and 16 size watch mainsprings made of flat metal or other suitable material of which the thickness may vary, having an aperture the shape of a spiral not over .490 inch in diameter and not less than .465 inch in diameter having a notch cut outside of spiral at its largest diameter.

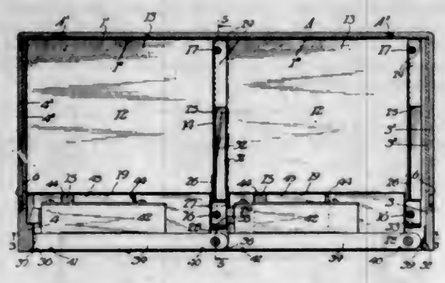
1,624,304. FORM FOR SETTING VAULT LIGHTS. EMANUEL J. ALFIERES, New York, N. Y. Filed July 18, 1924. Serial No. 726,806. 4 Claims. (Cl. 94—29.)



1. In a vault light setting, the combination with a removable flat support, of a plurality of flat forms carried by the said support and removable therefrom, the said forms being arranged in contact one with another to make a covering for the said support, each of the said forms having an opening, which opening engages a lens, the axes of same and of the opening being coincident

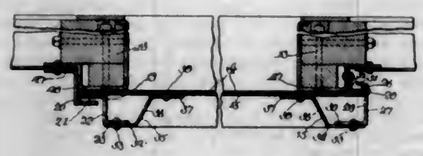
---

1,624,305. SAFE-DEPOSIT VAULT. EDGAR W. ANDERSON, Manitowoc, Wis., assignor to Invincible Metal Furniture Company, Manitowoc, Wis., a Corporation of Wisconsin. Filed Apr. 16, 1923. Serial No. 632,406. 27 Claims. (Cl. 109—12.)



7. A casing for a safe deposit unit as specified in claim 5, in which a separate reinforcing plate is rigidly secured to the underside of the bottom plate of the rear casing section.

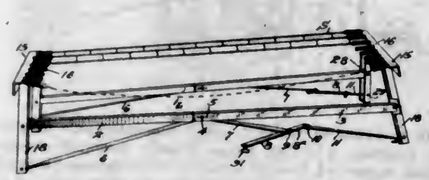
1,624,306. CAR DOOR. ALLAN S. BARROWS, Los Angeles, Calif. Filed Aug. 7, 1925. Serial No. 48,815. 6 Claims. (Cl. 189—46.)



1. In a car door, the combination with a door body portion; of means providing a tubular formation along one

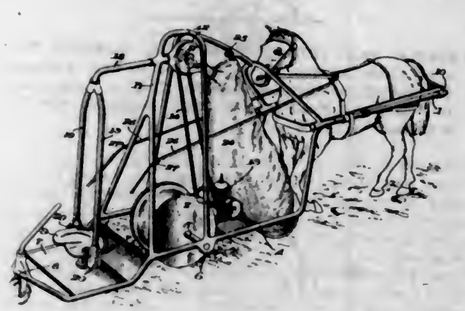
edge of said body portion, said means including a reinforcing member in the form of a commercial bar, secured to the body portion along the edge thereof and extending at an angle to the plane of said portion, and an element in the form of a strip secured to said body portion inwardly of said member in spaced relation thereto, said element extending at an angle to the plane of the body portion and connected with portions of said member remote from said body portion.

1,624,307. FOLDING BED. WILLIAM J. BROOME, Los Angeles, Calif., assignor to Kunkel Stamping & Manufacturing Co., a Corporation of California. Filed Jan. 27, 1925. Serial No. 5,123. 8 Claims. (Cl. 5—114.)



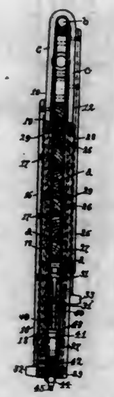
1. A collapsible bed including a pair of foldable side rails, rigid end stiles having pivoted legs, a mattres support connecting the stiles, means for detachably connecting the legs to the ends of the rails, rigid, contractable and extensible support tensioning means including levers connected to the lower ends of the legs and to the rails.

1,624,308. COTTON PICKER. ARCHIE EDWARDS BROWN, El Paso, Tex. Filed Sept. 24, 1924. Serial No. 739,453. 3 Claims. (Cl. 302—27.)



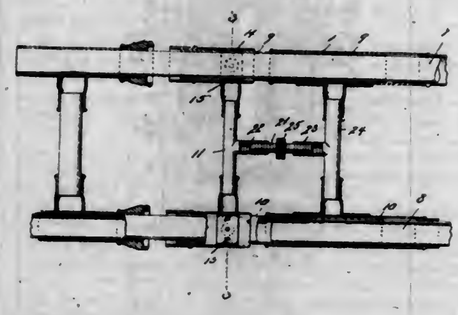
1. A suction nozzle for cotton pickers comprising a tubular flexible casing, said casing having a cut-out portion at the forward end permitting the palm of the operator's hand to form one side of the nozzle, and straps secured to the open end of the casing in position to receive the operator's fingers, and an additional strap around the wrist of the operator for securing the flexible casing in position to be actuated and controlled by the operator.

1,624,309. WORK SUPPORT FOR LEATHER-WORKING MACHINES. OSCAR H. BROWN, Salem, Mass., assignor to The Turner Tanning Machinery Company, Peabody, Mass., a Corporation of Maine. Filed Aug. 26, 1922. Serial No. 584,450. 6 Claims. (Cl. 149—19.)



1. A work support for hide and leather working machines comprising a table, a bolster extended over the top of the said table and having members cooperating with the opposite sides thereof to support the work, rack bars attached to said bolster members, and a toothed wheel carried by said table and engaging said rack bars to positively move one of said rack bars and its bolster member in the same direction as said table when the latter is moved lengthwise of the other of said rack bars.

1,624,310. SLIDE TROMBONE. FERDINAND A. BUESCHER, Elkhart, Ind. Filed Jan. 21, 1925. Serial No. 3,820. 6 Claims. (Cl. 84—396.)



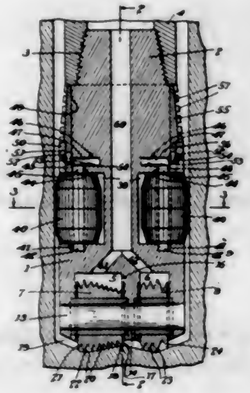
4. In a trombone, a slide comprising tubes, pistons of the same uniform cross section diameter throughout telescoping within said tubes, these latter having frictionally secured to the inner faces thereof, at their inner terminal portions, lengthwise extending sleeves constituting bearings for the pistons and fluid tight seals between the pistons and tubes, and means carried by the slide for adjusting said sleeves relative to the tubes and pistons for changing the pitch of the instrument.

1,624,311. TUBING BLEEDER. GROVER C. BUSHONG, Whittier, Calif. Filed Apr. 2, 1925. Serial No. 20,179. 12 Claims. (Cl. 103—221.)



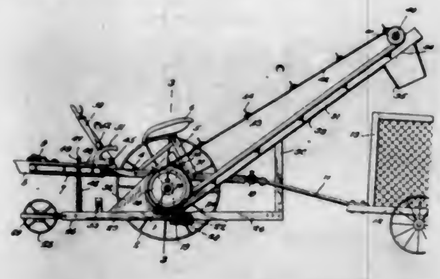
1. A tubing bleeder comprising tubing having a port opening therethrough, and a split sleeve adapted for wedging engagement in said tubing to close said port and releasable for movement to uncover said port.

1,624,312. ROCK DRILL. ANTHONY E. CARLSON, Los Angeles, Calif. Filed Dec. 14, 1925. Serial No. 75,377. 4 Claims. (Cl. 255—71.)



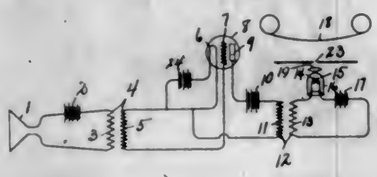
1. A drill bit including a mounting, a pair of double conical cutters journaled in the lower end of said mounting, one of said cutters being positioned to cut the bottom of the bore downwardly and outwardly from the center thereof at an angle and upwardly further outwardly a short distance at an angle, the other cutting being positioned to cut the bottom of the bore for a short distance on a downward angle from a point spaced outwardly from the center of the bore and to cut the bottom of the bore for a short distance further outwardly on an upward angle, and other cutters journaled in the lower end of the mounting for cutting the bottom of the bore upwardly and further outwardly on an upwardly extending angle.

1,624,313. COTTON HARVESTER. PEET CARLSON, Manor, Tex. Filed Mar. 9, 1925. Serial No. 14,245. 1 Claim. (Cl. 56—34.)



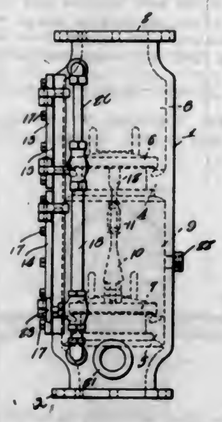
In a cotton harvester a wheel supported axle mounted for rotation, a riding frame tiltably mounted thereon, beams supported from the axle and extending forwardly therebeyond, wheels supporting the forward ends of the beams, plant combing tines supported between the beams, an incline extending from and tiltable with the beams, side boards along the longitudinal edges of the incline, endless belts actuated by the axle and extending longitudinally above the incline, means carried by the belt for slidably engaging the incline and dragging material thereabove from the bottom to the top of the incline, a lever on the riding frame under the control of the operator, means for holding said lever against movement, rods extending from the beams, means actuated by the lever for varying the relative positions of the riding frame and the rods and beams when the lever is moved in one direction said means being movable downwardly relative to the rods when the lever is moved in the opposite direction, and springs for transmitting thrust from said rod engaging means to the beams normally to yieldingly maintain in contact with the ground the wheels at the forward ends of the beams, the tines being extended under the axle thereby to transfer harvested material directly from the tines to the belts at the bottom of the incline.

1,624,314. ELECTRICAL APPARATUS. THEODORE WILLARD CASE, Auburn, N. Y., assignor to Case Research Laboratory Incorporated, Auburn, N. Y., a Corporation of New York. Filed Jan. 25, 1923. Serial No. 614,762. 4 Claims. (Cl. 176—122.)



1. In an apparatus for producing a photographic record of light wave variations corresponding to electrical variations, a bulb containing a pair of electrodes spaced apart a distance not substantially greater than one-eighth of an inch, and a gas within the bulb at such a pressure that a concentrated glow is produced about the negative electrode separate from the anode glow at an operating voltage not substantially greater than 400 volts direct current.

1,624,315. DRY-PIPE VALVE. THOMAS W. CAUDLE, Dayton, Tenn. Filed Sept. 10, 1923. Serial No. 661,922. 1 Claim. (Cl. 169—21.)



A valve of the class described comprising a casing, superimposed valve seats within the casing, valves adapted to engage the valve seats to cut off the passage of fluid through the casing, said valve members being arranged one above the other, the upper valve member having a rack formed along its under surface, an adjustable latch member carried by the lower valve member and adapted to engage the rack to adjustably connect the valve members, and said valve members adapted to move to their open positions by water pressure directed to the under surface of the lower valve member.

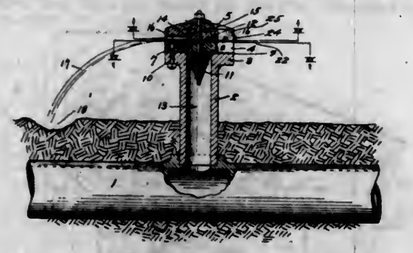
1,624,316. DOUGH-DEPOSITING MACHINE. ALEXANDER W. COPLAND, Detroit, Mich. Filed Jan. 22, 1923. Serial No. 614,238. 3 Claims. (Cl. 107—29.)



2. In a dough depositing machine, the combination with a hopper, of a measuring chamber below said hopper having a discharge end in substantial alignment therewith, and inwardly inclined walls for decreasing the cross sectional area of the hopper towards said discharge end, a cut off blade movable between said hopper and measuring chamber, means for alternately contracting and expanding said chamber with the greatest movement at the entrance end, a valve at the discharge end of said chamber, and means for operating said cut off blade, contracting means and valve in timed relation to measure, cut off and deposit a predetermined quantity of dough.

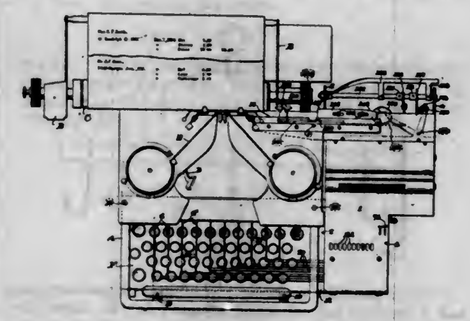
1,624,317. IRRIGATION HYDRANT. CHARLES E. CROWNOVER, Yakima, Wash. Filed Jan. 12, 1925. Serial No. 2,025. 1 Claim. (Cl. 137—13.)

A hydrant comprising a vertical tube, a head above said tube, a cap above said head, passageways extending upwardly from the bore of said tube through said head and said cap, a rotatable disk having a plurality of apertures, said disk being disposed between said head and said cap and adapted to control the flow of water through said



passageways, said cap having radial ducts, one for each said passageway, said ducts communicating with said passageways below the tops of the latter.

1,624,318. ADDING ATTACHMENT FOR TYPEWRITING MACHINES. GUSTAVE O. DEGENER, Brooklyn, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Filed Mar. 9, 1925. Serial No. 14,315. 126 Claims. (Cl. 235—59.)



3. A computing mechanism comprising a column totalizer, a grand totalizer, means for setting up a number in either totalizer, and automatic means for clearing the column totalizer after a number has been set up in the grand totalizer.

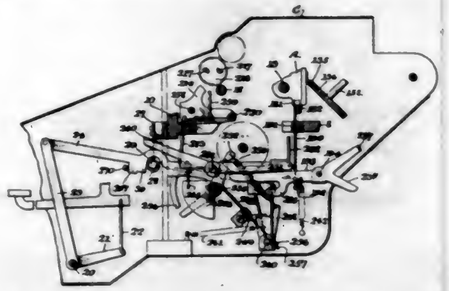
61. A computing mechanism comprising a totalizer including a master wheel and pawl therefor, a plurality of keys for setting up numbers in the totalizer, indicating means for showing which key has been last depressed sufficiently to enter the number into the totalizer, means operated by the keys for moving said indicating means and means controlled by the master wheel pawl for retaining the indicating means in operated position and releasing the indicator previously set.

79. A combined typewriting and computing mechanism comprising a travelling totalizer, means for entering numbers in said totalizer when it is in a certain zone, and error check means which becomes automatically effective when the totalizer is moved to another zone and interferes with the action of the typewriting mechanism unless the correct total is written digit by digit.

1,624,319. ADDING ATTACHMENT FOR TYPEWRITING MACHINES. GUSTAVE O. DEGENER, Brooklyn, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Original application filed Mar. 9, 1925. Serial No. 14,315. Divided and this application filed Aug. 14, 1925. Serial No. 50,262. 22 Claims. (Cl. 235—59.)

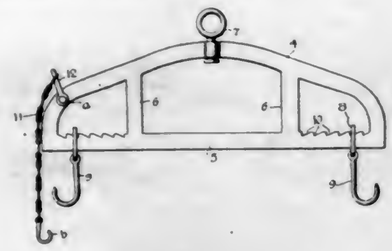
1. A combined typewriting and computing mechanism comprising a travelling totalizer, key operated means for

entering numbers in said totalizer when it is in a certain zone, and error check mechanism rendered effective by



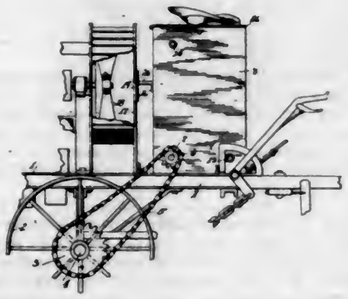
the movement of the totalizer to a different zone which prevents the complete return movement of an incorrect key if depressed.

1,624,320. BUTCHER'S GAMBREL. GEORGE DEMMER, Herndon, Kans. Filed Apr. 19, 1926. Serial No. 103,165. 4 Claims. (Cl. 17—44.)



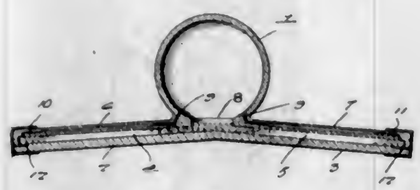
1. In a gambrel, a frame including a supporting-plate and a truss, a pair of loops mounted on the supporting-plate, a pair of hooks each mounted on a loop, a bracket pivoted to an end of the truss, a flexible member provided with a hook and connected with the bracket, and a swivel mounted on the truss midway between the ends thereof.

1,624,321. INSECT DESTROYER. ALBERT L. DUNNAGAN, Waco, Tex., assignor to David D. Deutsch, New York, N. Y. Filed Sept. 1, 1925. Serial No. 53,782. 8 Claims. (Cl. 43—148.)



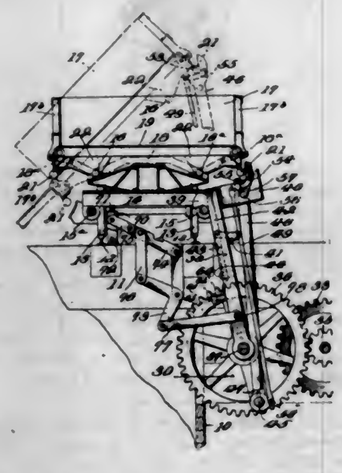
1. In an insect destroyer, the combination with a wheeled supporting frame of a poison receptacle mounted on said frame having an aperture therein; of a suction fan spaced from said receptacle having an aperture alined from said first mentioned aperture; of means within said poison receptacle to elevate poison to a level with its aperture, of means to direct exhausted air from said fan behind said aperture and elevating means as an auxiliary poison discharging means, with means for uniformly discharging said poison from said fan after being withdrawn from said receptacle thereby.

1,624,322. FUSE. CHARLES W. ENGLEMAN, Abilene, Kans. Filed May 4, 1925. Serial No. 27,909. 1 Claim. (Cl. 200—113.)



A fuse of the class described comprising a hollow ball which is open at its bottom, a pair of branch pipes extending laterally from the bottom of the ball in opposite directions and being inclined slightly downwardly toward their outer ends, the inner opposed ends of the branch pipes communicating with the open portion of the hollow ball, caps fitted over the ends of the pipes, said pipes being adapted to contain a quantity of mercury, contacts carried by the caps and extending into the respective ends of the pipes, the mercury normally bridging said contacts each of said branch pipes being provided with a longitudinally extending air passage which communicates with the outer end of the respective pipe, the hollow ball being provided with ducts which afford communication between the inner end of the air passages and the interior of the hollow ball.

1,624,323. DUMPING DEVICE. HENRY FORT FLOWERS, Findlay, Ohio. Filed Nov. 19, 1925. Serial No. 70,076. 23 Claims. (Cl. 214—64.)



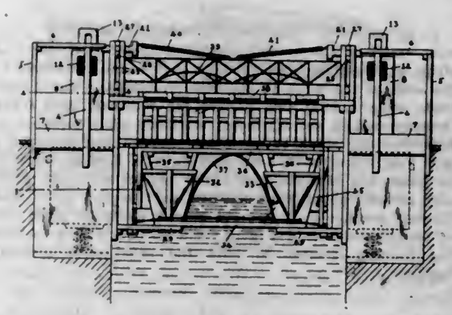
3. A dumping device for vehicles having an underframe and a body carried thereby and adapted to be tilted for dumping, comprising devices for engaging the underframe and holding the same from movement during the relative tilting of the body, devices for engaging and raising the body to dumping position, and means to simultaneously position said holding and raising devices.

1,624,324. ATMOSPHERIC COOLING TOWER. JOHN SIMON FLUOR, Santa Ana, Calif. Filed Mar. 22, 1923. Serial No. 626,846. 6 Claims. (Cl. 261—114.)



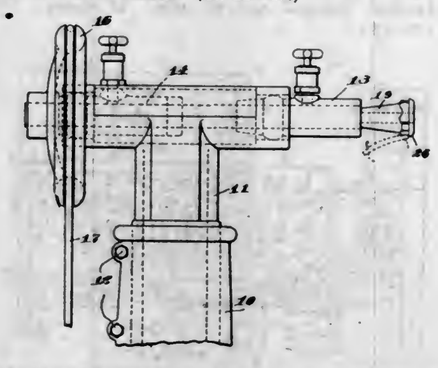
6. An atmospheric cooling tower including supporting posts, horizontal tie members connecting said supporting posts and extending outwardly therefrom, braces extending upwardly and outwardly from said supporting posts and connected intermediate their ends to the ends of said tie members, and louvers resting against the upper ends of said braces and having their lower ends resting upon said tie members against said posts.

1,624,325. BRIDGE CONSTRUCTION. ARMINIO FOLINO, Rochester, N. Y. Filed Sept. 24, 1926. Serial No. 137,405. 5 Claims. (Cl. 14—42.)



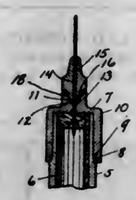
1. In a bridge construction, the combination of end piers, means for guiding said end piers in a limited vertical movement, bridge connecting means carried by said piers and floating bridge sections connected by said bridge connecting means.

1,624,326. SHANK-BEATING AND STITCH-RUBBING MACHINE. LOUIS G. FREEMAN, Cincinnati, Ohio. Filed Dec. 15, 1923, Serial No. 680,875. Renewed Apr. 28, 1926. 4 Claims. (Cl. 12—17.)



1. In a shank beating and stitch rubbing machine, the combination of a beating iron and channel flap guard formed integral with each other, and arranged end to end, and a guide secured to the beating iron at the end remote from the channel flap guard.

1,624,327. NEEDLE MOUNTING FOR HYPODERMIC SYRINGES. BENJAMIN FRIEDMAN, New York, N. Y. Filed May 8, 1926. Serial No. 107,811. 5 Claims. (Cl. 128—221.)



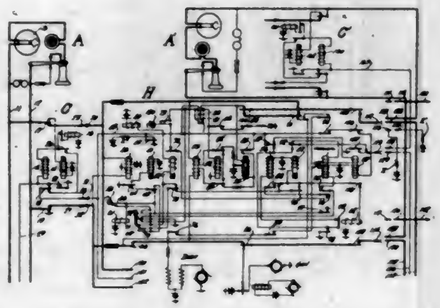
1. A needle mounting for hypodermic syringe barrels comprising a cap detachably connected to the discharge end of said barrel, said cap having a socket and a concave seat therein, a needle nozzle and a needle detachably connected within the tapered seat of the socket of the cap, said needle extending through the nozzle and cap and into the end of the barrel.

1,624,328. RAZOR-STROPPING MEANS. HENRY J. GAISMAN, New York, N. Y., assignor to Autostrop Patents Corporation, Dover, Del., a Corporation of Delaware. Filed Jan. 31, 1923. Serial No. 616,006. 4 Claims. (Cl. 30—12.)



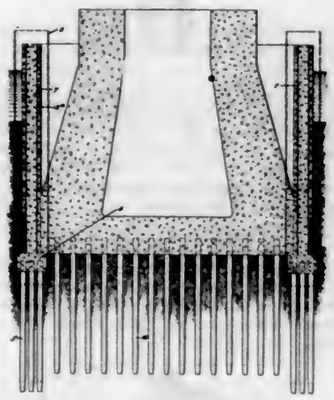
1. A safety razor comprising a frame provided with means to rock a blade, a handle, a guard movably carried by the frame, and operative relatively to the handle, means pivotally connecting the handle with the frame, and means cooperative between the guard and the handle to retain the frame and handle from relative movement when the blade is in shaving position respecting the guard.

1,624,329. AUTOMATIC TELEPHONE SYSTEM. JOHN E. GARDNER, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Mar. 7, 1922, Serial No. 541,780. Renewed Aug. 12, 1926. 15 Claims. (Cl. 179—18.)



1. In a telephone system, an automatic switch, telephone lines and trunk lines accessible to said switch, means for seizing said switch and for operating it in accordance with the digits of a called number to connect with one of said telephone lines, and means automatically operative responsive to an operation of said switch in accordance with a predetermined number for releasing said switch and for causing it to select an idle one of said trunk lines.

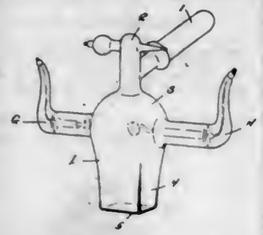
1,624,330. COFFER AND METHOD OF MAKING THE SAME. BEN C. GERWICK, Berkeley, Calif. Filed Feb. 20, 1924. Serial No. 694,001. 5 Claims. (Cl. 61—34.)



5. The method of forming a subaqueous wall comprising forming a concrete shaft in situ and embedding a pair of anchoring members embedded in the concrete, attaching form members to said anchoring members, and filling the forms with concrete.

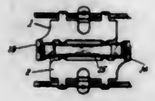
1,624,331. VACCUM TUBE. FRANK R. GEYER, New York, N. Y. Filed Mar. 19, 1924. Serial No. 700,423. 2 Claims. (Cl. 250—35.)

1. A vacuum tube of the type indicated having a window portion adapted to be moved about an afflicted surface for treating said surface, the contact surface of said window portion being of substantially square contour whereby to avoid necessity for overlapping treatment of



any portion of the afflicted surface while yet enabling treatment of the entire afflicted surface as and in the manner set forth.

1,624,332. ELECTRICAL CONDENSER. PRESTON E. GILLING, East Orange, N. J. Filed Feb. 25, 1925. Serial No. 11,489. 5 Claims. (Cl. 250—16.)



1. For a condenser of the class described, a clamping member having parts for embracing the stack with means for retaining the member in position on the stack in combination with means for attaching a conductor to said member comprising, a pair of eyelets arranged in substantial alignment at opposite ends of said members, a spring member arranged between said eyelets and having a portion to engage a conductor inserted through said eyelets to act as a grip thereon.

1,624,333. ELECTRICAL CONDENSER. PRESTON E. GILLING, East Orange, N. J. Filed Mar. 13, 1925. Serial No. 15,230. 14 Claims. (Cl. 175—41.)



1. An electrical condenser including a stack of alternate strips of metal foil and dielectrics, alternate foil strips having their ends joined together and bent over at the ends of the stack in opposite directions, a metal electrode plate having side flanges for receiving said stack therebetween, a second metal electrode plate adapted to pass over the stack between said flanges and to contact with one set of said bent over ends, a binding member of insulating material over said second electrode plate and means cooperating between said second plate and binding member to keep said second electrode plate out of contact with said flanges, said flanges acting to grip the binding member to hold the said parts securely together.

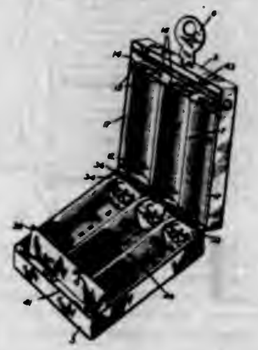
1,624,334. ELECTRICAL CONDENSER. PRESTON E. GILLING, East Orange, N. J. Filed Mar. 13, 1925. Serial No. 15,231. 7 Claims. (Cl. 175—41.)

1. An electrical condenser comprising a stack of the character described, having the protruding ends of one group of foils bent over the end of the stack in one direction and the ends of the other group bent over the other end of the stack in an opposite direction, a condenser element plate on each side of the stack engaging respectively said bent over foil ends, a pair of binding members over said plates, portions of said plates acting



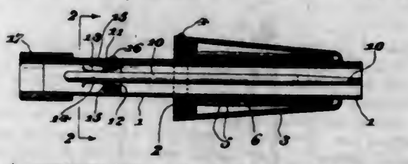
as fastening means to draw and clamp the binding members against the stack and terminal connecting means on said plates.

1,624,335. SAVINGS BANK. BUTLER F. GREER, San Francisco, Calif. Filed Nov. 25, 1924. Serial No. 752,113. 7 Claims. (Cl. 232—4.)



1. A savings-bank comprising two lids hinged together, each lid comprising a sheet having flanged edges which abut to form the sides of the savings-bank, and a channel having its bottom member secured to one of the lids opposite the hinged edge, one of the side members of the channel forming with the flanged edge of the lid a casing for lock mechanism, and the other side member of the channel extending beyond the edge of the lid to interlock between the sides of the other lid when the lids are closed.

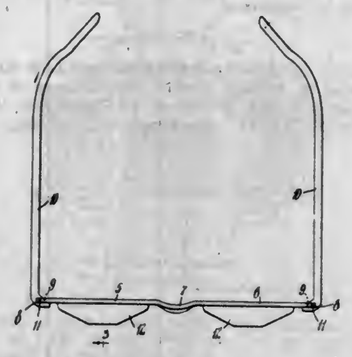
1,624,336. PERMANENT-HAIR-WAVING DEVICE. WILLIAM A. GROFF, Philadelphia, Pa. Filed Nov. 29, 1924. Serial No. 752,842. 7 Claims. (Cl. 132—36.)



1. A permanent hair waving device comprising a central tube having means stationarily secured therein at a distance from either end thereof for automatically engaging a hair curler when the same is inserted within the said tube and holding the same therein.

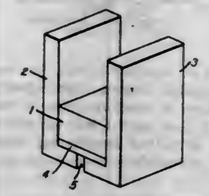
1,624,337. ANTIGLARE GOGGLE. HARRIS KING HALIKMAN, Benchmont, Mass. Filed Sept. 26, 1925. Serial No. 58,945. 1 Claim. (Cl. 2—12.)

An anti-glare goggle embodying semi-circular rims, a bridge connecting the rims, and semi-circular concavo-convex shields extending forwardly and downwardly from said rims, the opposite ends of said rims terminating approximately in the same horizontal plane, and the forward edge of each of said shields comprising an approximately straight portion extending from the outer portion of its rim inwardly and upwardly, another approximately straight portion extending from the inner portion of its rim outwardly and upwardly at the same angle as that of



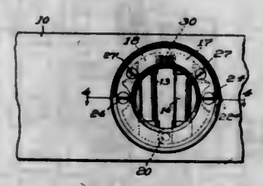
the first-named straight portion, and a concave arcuate portion joining the proximate ends of the straight portions through which an unobstructed view may be obtained.

1,624,338. TELEPHONE RECEIVER. CLINTON R. HANNA, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 28, 1924. Serial No. 734,604. 6 Claims. (Cl. 179—119.)



1. A telephone receiver device, comprising a diaphragm and a magnetic circuit, including pole pieces, air gaps, said diaphragm and a permanent magnet, the length of said permanent magnet being no greater than the distance between portions of said pole pieces adjacent said diaphragm.

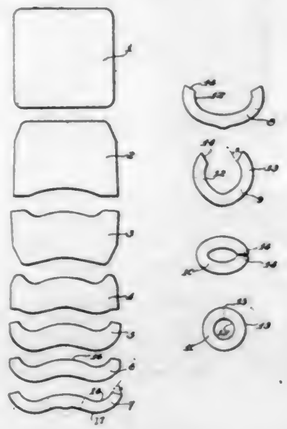
1,624,339. LEVEL. OSCAR D. HAPGOOD, Montague, Mass., assignor to Goodell-Pratt Company, Greenfield, Mass., a Corporation of Massachusetts. Filed Feb. 19, 1926. Serial No. 89,331. 9 Claims. (Cl. 33—214.)



1. A spirit level, comprising in combination, a level stock having an annular bore, a ring mounted in the bore at one side of the stock and provided with a lug that engages a portion of the stock to prevent the ring from rotating in said bore, a level carrier pivotally mounted upon said ring for swinging adjustment within the bore, a

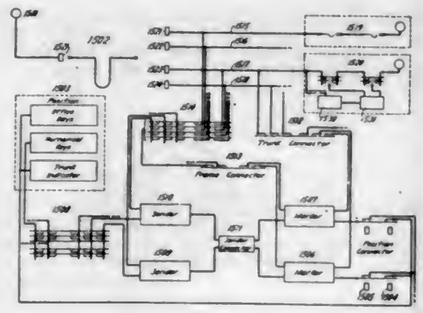
level tube mounted upon the carrier, a second ring mounted in the bore at the opposite side of the level, and adjusting means for rocking the level carrier about its pivotal mounting and for retaining the same in the desired position of adjustment.

1,624,340. METHOD OF ROLLING HOLLOW ROUNDS. ALBERT W. HEINLE, Crafton, Pa., assignor of one-half to Henry F. Gilg, Pittsburgh, Pa. Filed Feb. 19, 1926. Serial No. 89,341. 12 Claims. (Cl. 80—62.)



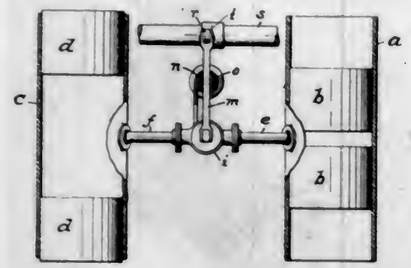
1. The method of forming blanks for use in the manufacture of thick walled tubing which comprises passing a blank in billet form through a series of rolls successively changing the shape of said billet by different operations to develop the co-related lengths or dimensions of the inner and outer circumferences of an unjoined circular section.

1,624,341. SEMI-AUTOMATIC TELEPHONE SYSTEM. EDWARD E. HINRICHSEN, New York, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Feb. 27, 1925. Serial No. 11,960. 7 Claims. (Cl. 179—27.)



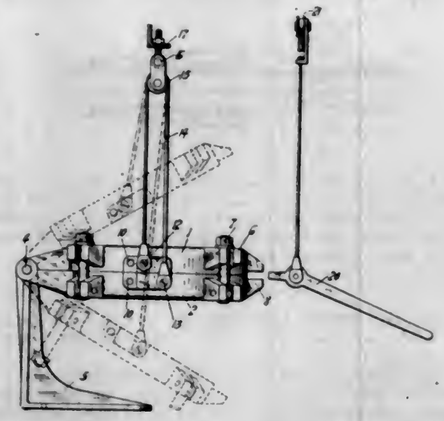
4. In a telephone system, an operator's position, groups of trunks leading from said position, switches in which said trunks terminate, a sender, a controlling marker common to all of said groups of trunks, means controlled by the operator for causing the registration of a designation in said marker, means for selectively connecting said marker in accordance with the designation recorded therein to the trunks of any group, said marker including a series of test relays for testing the individual trunks of the group to determine an idle one, means controlled by the sender for operating the switch associated with the selected idle trunk, and means at the operator's position for identifying said trunks.

1,624,342. RETARDING MECHANISM FOR INTERNAL-COMBUSTION ENGINES. ALFRED A. HOWITZ, Chester, Pa., assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa., a Corporation of Pennsylvania. Filed Nov. 30, 1923. Serial No. 677,618. 6 Claims. (Cl. 123—97.)



1. Braking mechanism for internal combustion engines comprising the combination of two cylinders and their respective pistons, the latter being so set that the expansion stroke of one occurs during the compression stroke of the other, outlets from both cylinders arranged to communicate, a valve normally closing such communication, but adapted to be opened to allow air compressed in one cylinder to escape into the other cylinder.

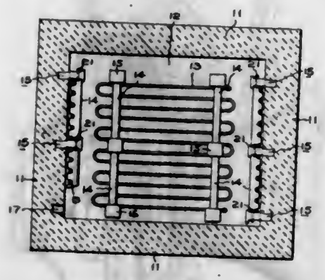
1,624,343. MOLD CONSTRUCTION. FRANK L. JOHNSON, Akron, Ohio. Filed Sept. 23, 1925. Serial No. 58,072. 4 Claims. (Cl. 18—2.)



1. A mold for the vulcanization of tires, comprising upper and lower chambered mold sections, a horizontal

hinge for said sections, and means to interconnect the sections so that they will move in unison and the weight of the lower section will be opposed by the weight of the upper section.

1,624,344. ELECTRIC FURNACE. ALVIN D. KEENE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 2, 1924. Serial No. 703,670. 13 Claims. (Cl. 204—64.)



1. In an electric furnace, the combination with a wall having an opening therein, of a resistor-unit-supporting member having a portion projecting loosely into said opening, supported by said wall and removable laterally therefrom by an upward arcuate movement.

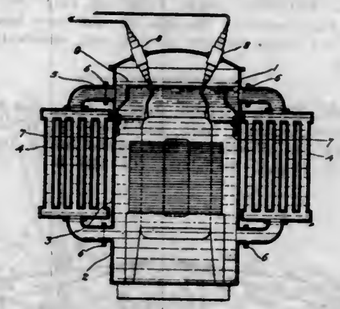
1,624,345. HEATING-UNIT TERMINAL. ALVIN D. KEENE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 26, 1925. Serial No. 18,424. 4 Claims. (Cl. 201—63.)



4. A terminal member for an embedded heating element having a resistor wire of substantially non-oxidizable material insulatedly mounted in a layer of compressed heat-and-electric-conducting material, comprising an elongated member, of substantially non-oxidizable material, having a portion extending into said layer of material and having a plurality of turns of the resistor wire wrapped thereabout, a plurality of turns of wire of a material that swells permanently upon being heated, wrapped around said elongated member intermediate the turns of the resistor wire, and a coating of powdered, electric-insulating material around the embedded portion of the elongated member and the wire wrappings thereon.

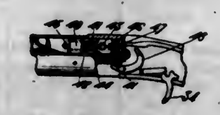
1,624,346. TRANSFORMER-COOLING SYSTEM. CHARLES LEROY KNOTTS, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 10, 1924. Serial No. 736,847. 3 Claims. (Cl. 175—361.)

1. In combination, a container having openings therein, an electrical translating device therein, an insulating fluid surrounding the translating device, a cooling member attached to the container at said openings for circulating the fluid and a barrier substantially flush with the upper surface of the highest of said openings for controlling



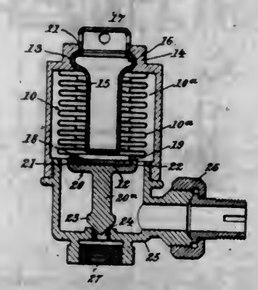
the amount of fluid traversing the cooling member in accordance with the amount of expansion of the fluid under the influence of the translating device.

1,624,347. SIGHTING INDICATOR FOR FIREARMS. JOHN WILLIAM FRASER LAMONT and HERBERT DICKINSON, London, England; said Dickinson assignor to said Lamont. Filed May 22, 1926, Serial No. 110,990, and in Great Britain May 26, 1925. 6 Claims. (Cl. 240—6.4.)



1. A sighting indicator for fire-arms comprising an electric lamp connected in circuit with a source of current, a pair of contact blades also connected in the circuit, a guide, a slidable bodily movable weight associated with said guide and adapted to be actuated by the mechanism of the gun when released by the operating trigger to close the contacts and an optical system to project the light from the lamp so as to momentarily produce a spot of light upon the target.

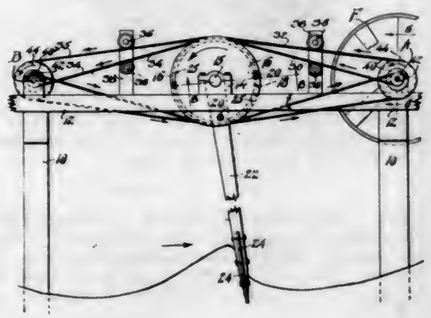
1,624,348. EXPANSIBLE COLLAPSIBLE ELEMENT. HARRY C. MALLORY, deceased, late of Bellport, N. Y., by Sue R. Mallory, administratrix, Bellport, N. Y. Original application filed June 7, 1916, Serial No. 102,115. Divided and this application filed Jan. 30, 1924. Serial No. 689,401. 4 Claims. (Cl. 137—156.)



1. An expansible-collapsible element comprising a shell having a circumferentially corrugated body portion, a closed end, a member disposed within said end to reinforce

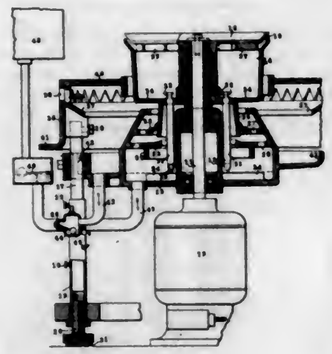
the same and engaged at the edge thereof by a portion of said shell, and a one piece reinforcing member including an intermediate portion engaging the outer side of said end and peripheral means extending over the portion of said shell engaging the edge of said inner member to secure said outer member to said end, substantially as specified.

1,624,349. WAVE MOTOR. JOHN J. MANN and WILLIAM J. MANN, Oakland, Calif., and MARSHALL H. VAN COEVERDEN, San Marcial, N. Mex. Filed July 9, 1925. Serial No. 42,415. 2 Claims. (Cl. 253—6.)



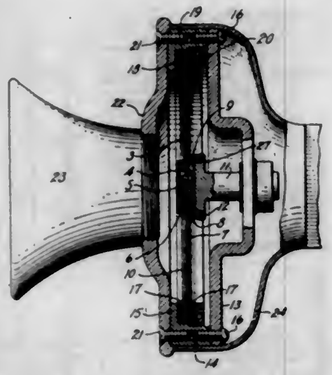
1. A wave motor comprising an oscillating member, a pair of drive shafts driven thereby, a pair of clutches for driving each shaft, pulleys of different diameters connected with the clutches of each pair for driving the same, and cables connecting said member with said pulleys for driving both shafts continuously in the same direction.

1,624,350. OIL BURNER. GEORGE STANLEY MEIKLE and HENRY D. MACKAYE, Detroit, Mich. Filed Feb. 9, 1925. Serial No. 7,818. 15 Claims. (Cl. 158—77.)



1. In an oil burner structure, the combination with an oil well, of a rotatable nozzle having oil lifting means projecting into said well displaced from the axis of said nozzle arranged to move with the rotation of said nozzle and to raise an oil supply therefrom by the relative velocity of said means with respect to said well, means for rotating said nozzle, and means for atomizing the lifted oil by impact disposed in operative conjunction with said oil-lifting means.

1,624,351. TELEPHONE TRANSMITTER. CHARLES R. MOORE, Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 23, 1923. Serial No. 614,356. 4 Claims. (Cl. 179—122.)



1. In a transmitter, a diaphragm comprising a pair of discs of substantially equal diameter each having a central laterally extended portion, an annular electrode fitted in each portion, and an insulating plate disposed between said electrodes and movable as a unit with said discs, said plate having a central aperture of less diameter than the inside diameter of either electrode.

1,624,352. TELEPHONE TRANSMITTER. CHARLES R. MOORE, Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 22, 1924. Serial No. 708,116. 4 Claims. (Cl. 179—124.)

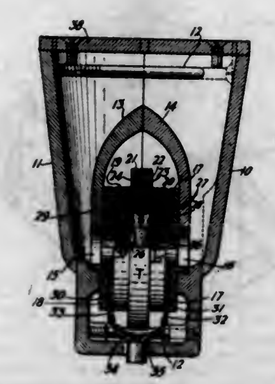


1. In a telephone transmitter, a structure comprising immovable concentric conducting sections separated by insulation and having depressions formed in said structure at the point of junction of said sections and insulation, a resistance varying medium in said depressions for bridging said insulation, and an agitating member of insulating material directly in contact with said resistance varying medium and spaced from all of said conducting sections.

1,624,353. DOUBLE DIAPHRAGM TRANSMITTER. CHARLES RUBY MOORE, Maplewood, N. J., and JOHN M. HAYWARD, New York, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 30, 1924. Serial No. 729,010. 1 Claim. (Cl. 179—122.)

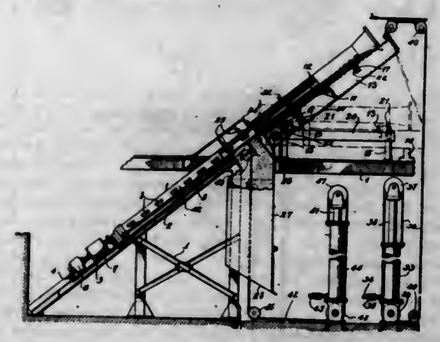
A telephone transmitter comprising a mouthpiece formed by the registry of two substantially identical

shaped parts, said parts having walls forming a housing, a plurality of air passages formed by said walls and the mouthpiece, a microphone, a pair of insulating apertured discs for supporting the microphone in said housing, and



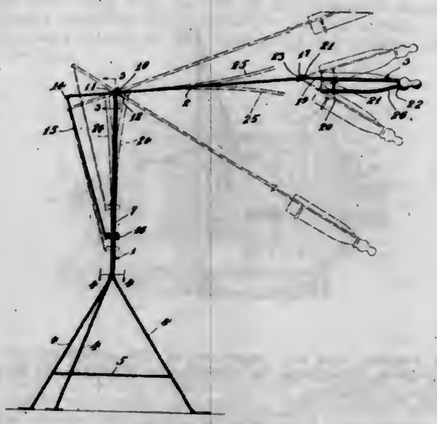
conducting spring discs interposed between the microphone and the insulating discs for holding the microphone against lateral movement in said housing and for securing the conducting wires of said transmitter.

1,624,354. METHOD AND APPARATUS FOR FREEING CENTRIFUGALLY-CAST CASTINGS FROM MOLDS OR FLASKS. WILLIAM D. MOORE, Birmingham, Ala., assignor to Sand Spun Patents Corporation, Wilmington, Del., a Corporation of Delaware. Filed Dec. 16, 1925. Serial No. 75,725. 18 Claims. (Cl. 22—190.)



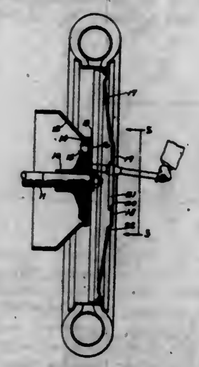
17. In apparatus of the class described, disintegrating mechanism mounted to operate on an incline, means for aligning flasks with the said mechanism, including a frame mounted to move from horizontal to inclined position, rails extending transversely of the frame for supporting the flasks, the frame and rails having cooperating seats in which the flasks rest, and skidways at each side of the frame, including abutments engaged by the rails as the frame moves into horizontal position to lift the rails and flasks to the level of the skidways.

1,624,355. NURSING-BOTTLE HOLDER. VINCENT J. MURRAY, Jr., Philadelphia, Pa. Filed May 12, 1925. Serial No. 29,733. 5 Claims. (Cl. 248—65.)



1. A bottle holder including a stand, an arm fulcrumed on the stand to swing vertically and laterally; means connected with the stand and with the arm at one side of its fulcrum for swingably adjusting the arm vertically, and a bottle clamping member mounted on the arm at the other side of its fulcrum.

1,624,356. LIFTING LEVER FOR DISK WHEELS. EMIL A. NELSON, Abington, Pa., assignor to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Aug. 29, 1924, Serial No. 734,835. Renewed Feb. 10, 1927. 14 Claims. (Cl. 29—84.)



1. A device of the type described comprising a lifting tool having a pair of spaced substantially parallel arms adapted to be inserted through spaced openings of a wheel and a hub member, and a yoke portion rigidly connecting said arms.

1,624,357. PHONIC DIAPHRAGM. ALEXANDER M. NICOLSON, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 15, 1923. Serial No. 645,617. 6 Claims. (Cl. 181—32.)

1. A large direct acting diaphragm having a vibratile periphery, a driving element connected thereto, said dia-

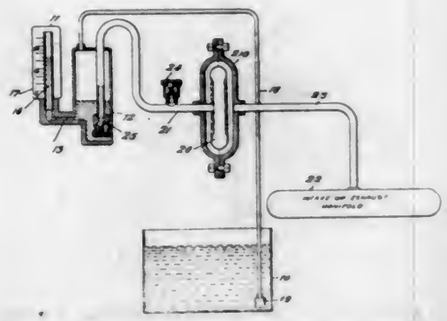
phragm having a plurality of corrugations therein whereby the impedance of the diaphragm at the point of connection substantially equals the impedance of the driving element, and the impedance of the peripheral portion of the diaphragm is substantially less than at said point of connection.



1,624,358. PRESERVATION OF OILS. FERDINAND W. NITARDY, Brooklyn, N. Y., assignor to E. R. Squibb and Sons, New York, N. Y., a Corporation of New York. Filed Jan. 21, 1924. Serial No. 687,619. 2 Claims. (Cl. 167—7.)

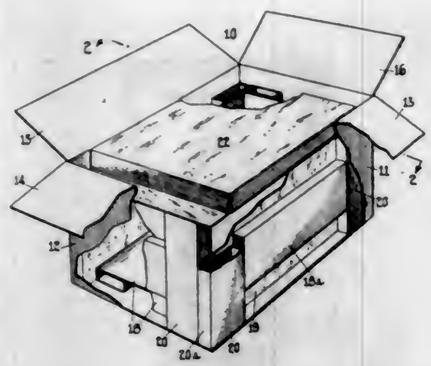
1. The product comprising castor oil from which the odor and taste have been removed and containing a relatively small amount of ethyl alcohol which acts to prevent such change in the composition of the oil as would cause recurrence of the odor and taste.

1,624,359. LIQUID-LEVEL GAUGE. ABRAHAM NOVICK, Flushing, N. Y., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., a Corporation of New York. Filed Apr. 17, 1925. Serial No. 23,796. 10 Claims. (Cl. 73—54.)



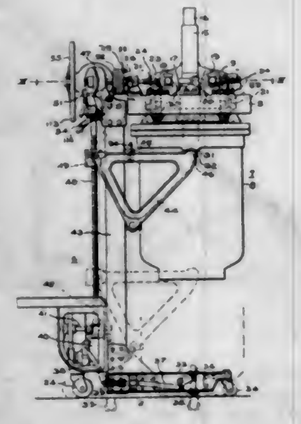
1. In a device for indicating the depth of liquid in a tank, a conduit extending into the tank and having an opening communicating with the liquid therein so as to be subjected to the head of liquid on said opening, indicating means connected to be responsive to the pressure in the conduit, means for automatically introducing air into said conduit, comprising an operative connection between a source of air under pressure and said conduit, a non-return valve in said connection, and means constituting a chamber containing liquid in which said non-return valve is submerged.

1,624,360. CONTAINER. FERDINAND S. OPPENHEIM, New York, N. Y. Filed Sept. 10, 1924. Serial No. 736,805. 5 Claims. (Cl. 229—14.)



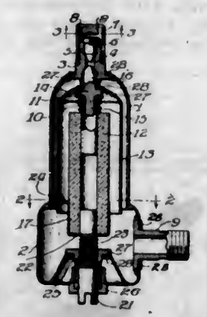
1. A packing and shipping box comprising an outer casing, and a plurality of removable spacing partitions arranged to abut one another and to form the inner walls of the box, at least one of said partitions having a body portion and a pair of parallelly extending infolded tubular sections at the opposite ends of said portions, said tubular sections being formed by folding successively edge portions of said partition to extend down, inward, up and along the rear surface of said body portion, the side walls of said sections serving to support and space said body portion from the adjacent walls of the outer casing.

1,624,361. LIFTING TRUCK FOR CIRCUIT-BREAKER TANKS. JOSEPH W. W. OW, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 15, 1925. Serial No. 23,400. 11 Claims. (Cl. 200—150.)



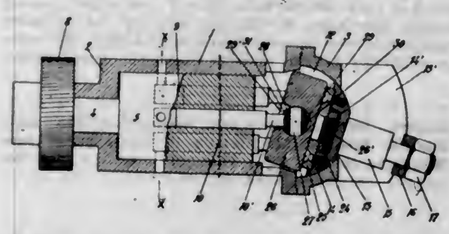
6. The combination with a disconnecting switch and clamping means for a circuit interrupter, of interlocking means for controlling the operation of the clamping means in accordance with the position of the disconnecting switch.

1,624,362. RADIATOR RELIEF VALVE. EMIL O. H. POEPPEL, Chicago, Ill. Filed May 20, 1926. Serial No. 110,450. 5 Claims. (Cl. 236—62.)



1. A radiator relief valve comprising a housing having a valve therein, a thermostatic element, said valve having a hood depending therefrom and surrounding the thermostatic element, means interposed between the valve and the thermostatic element adapted to prevent distortion of the thermostatic element during its expansion, and a member embracing the thermostatic element and having a plurality of radially disposed outwardly projecting tongues adapted to slidingly engage the inner side of the hood during the inter-relative movement of the thermostatic element and the hood.

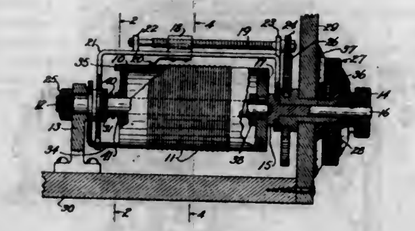
1,624,363. PUMP. AUGUSTIN REY, Sains, France. Filed Oct. 6, 1924, Serial No. 741,988, and in France Oct. 8, 1923. 3 Claims. (Cl. 103—162.)



1. In a pump barrel, the combination with a pump casing of a pump barrel having chambers therein parallel to the axis thereof, a rotatable member suitably supported within the pump casing for rotation about an axis coincident with the axis of the pump barrel, said member having spherical sockets therein, pistons working in the chambers of the said pump barrel and having attachment heads which fit within corresponding sockets of the rotatable member, a pin in each socket passing loosely through the attachment head fitted therein, ball-segments at the ends of the pin and free to slide relatively to the socket, said ball-segments being spaced from the attachment head to allow the same to slide on the said pin, means for adjusting the rotatable member so that the inclination of its axis may be varied in relation to the axis of the barrel, and means for rotating the pump barrel.

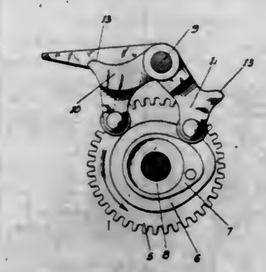
1,624,364. COIL WITH MULTIPLE ADJUSTMENTS. CHARLES D. RICHARD, West New Brighton, and GUY T. MORRIS, New York, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 30, 1923. Serial No. 648,684. 9 Claims. (Cl. 171—119.)

1. A variable inductance comprising a grooved rotatable insulating cylinder, a helical winding on said cylinder, a yielding member aasociated with said winding for making electrical contact therewith, a rotatable shaft which rotates independently of said cylinder, means including said shaft for causing said yielding member to move from turn to turn of said coil, and separate means including said cylinder for making complete adjustment around the turn upon which said yielding member rests.



2. An electrical coil comprising a rotatable insulating cylinder, a helical winding thereon, a movable contact member electrically connected to said winding, means for making continuous adjustment of the contact of said member with any turn of said coil, and a mechanism for limiting the angular revolution of said cylinder comprising a lug on said cylinder and a dog capable of limited movement, adapted to engage said lug.

1,624,365. VALVE-OPERATING STRUCTURE FOR MOTOR CYCLES. ANGELO ROSSI, Santa Rosa, Calif. Filed Sept. 8, 1925. Serial No. 55,183. 2 Claims. (Cl. 123—90.)

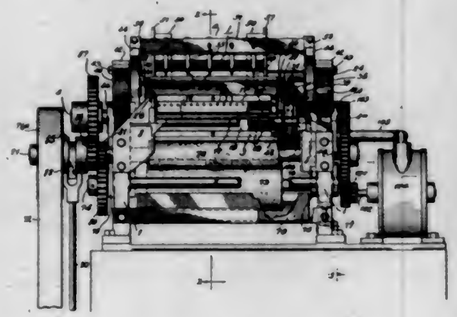


1. An operating structure for an adjacent pair of transversely alined motorcycle valve tappets, comprising a pair of opposed rocker arms pivoted independently of each other, the upper and opposite ends of said arms being in common transverse alinement to bear against the tappets, rollers projecting from the same side of the arms at their lower opposed ends and arranged so as to be laterally offset, and independent cams to engage the rollers mounted on a common axis, said cams being of different diameters and the larger cam being the farthest from the plane of the arms whereby to enable the rollers being of the same size while preventing the apex of one cam from striking the arm of the other roller at any period in its rotation.

1,624,366. LABELING MECHANISM. GEORGE B. SCHEFFEY, Weehawken, N. J., assignor to William Lunsford Long, Roanoke Rapids, N. C. Filed Nov. 19, 1925. Serial No. 70,029. 12 Claims. (Cl. 216—55.)

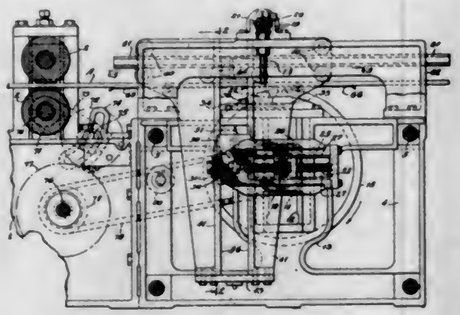
1. Labeling mechanism for applying labels to relatively thin, flat articles such as cloth boards, comprising

a rotary turret, a labeling pocket in the periphery thereof, formations at opposite sides of the pocket mouth to receive and hold a label extending across said mouth,



and means within the pocket for folding and applying a label across the edge and upon opposite faces of the article as the same is advanced through the pocket mouth into the pocket and then retracted.

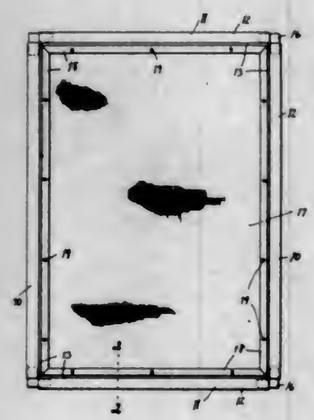
1,624,367. CUT-OFF MECHANISM. GEORGE B. SCHEFFEY, Weehawken, N. J., assignor to William Lunsford Long, Roanoke Rapids, N. C. Filed Nov. 19, 1925. Serial No. 70,030. 13 Claims. (Cl. 164—49.)



2. Cutting mechanism comprising a carriage, a cutter thereon, means supporting the carriage for reciprocation, a rotary driver, an adjustable crank thereon, another cutter connected to the crank, and a connection between the crank and the carriage to reciprocate the latter as the crank revolves.

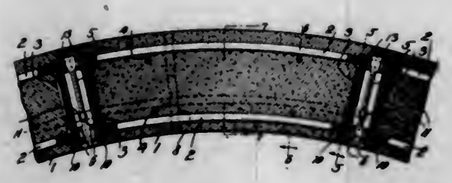
1,624,368. WINDOW SCREEN. ERNEST M. SCHWARZ, Philadelphia, Pa. Filed Apr. 23, 1925. Serial No. 25,185. 2 Claims. (Cl. 156—14.)

1. A window screen consisting of frame members produced from sheet metal and fashioned to provide a hollow body portion of rectangular shape in cross section, a rib of two thicknesses of said metal, one thickness terminating short of the other, the longer thickness being bent over to provide a tongue and said rib bent back upon itself to produce an enlargement with said tongue between two double thicknesses of metal, said enlargement having holes therethrough, a screen fabric having its edges disposed across the enlargements of all of the frame members, retaining strips of channel



sections overlying the edges of the screen fabric in the region of the enlargements of the frame members, said retaining strips having holes therein and screws passing through the holes in the enlargements for threaded engagement with the retaining strips whereby the latter are removably held in place to clamp the screen fabric.

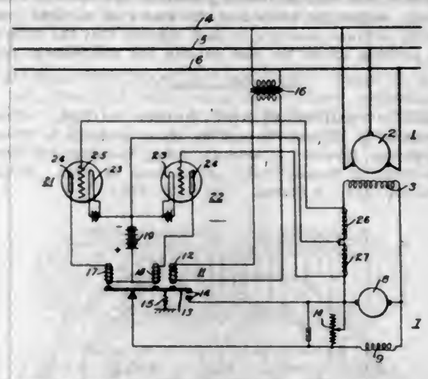
1,624,369. CONCRETE WALL CONSTRUCTION AND BLOCK THEREFOR. JULIUS H. SEARA, West New Brighton, N. Y. Filed Nov. 21, 1923. Serial No. 675,979. 8 Claims. (Cl. 72—40.)



1. A wall construction composed of units of plastic material, each having at its ends metallic reinforcing elements adapted to contact endwise and form butt joints with similar elements in abutting units, and means for frictionally and positively forcing the ends of such elements together to provide tight butt joints between the units and to provide a rigid metallic skeleton for each row of units.

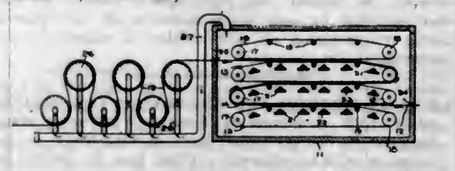
1,624,370. VOLTAGE REGULATOR. JOSEPH SLEPIAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 21, 1924. Serial No. 707,844. 5 Claims. (Cl. 171—229.)

1. In a regulator system, a dynamo-electric machine having a field winding, regulating means for controlling the excitation of said field winding in accordance with the electrical conditions of said machine, anti-hunting means therefor comprising a pair of thermionic valves,



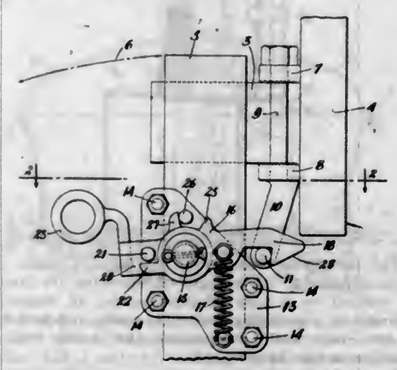
and means for sensitizing said valves to permit current flow therethrough in accordance with changes in field excitation.

1,624,371. DRYING MACHINE. STEPHEN A. STAEGE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 4, 1925. Serial No. 27,672. 6 Claims. (Cl. 34—48.)



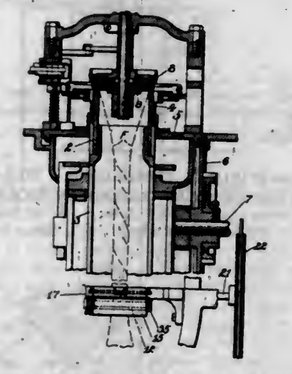
1. In a drier system, the combination with a plurality of drier drums, of an auxiliary drier unit, heating means therein for transforming a part of the water in said web into steam, and means for conducting said steam into and through said drums to heat the same.

1,624,372. SWITCH LOCK. CHARLES L. STOELTZLEN, Erie, Pa., assignor to Burke Electric Company, a Corporation of Pennsylvania. Filed Oct. 1, 1924. Serial No. 740,973. 5 Claims. (Cl. 200—169.)



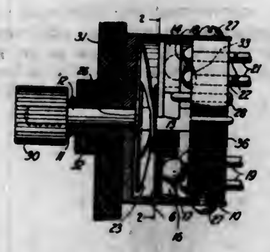
5. The combination with a switch comprising a stationary and a movable part, a stationary locking member, a clamping means comprising two complementary plates adapted to clamp the movable member therebetween, a spring pressed locking member carried by said clamping means, and an operating member carried by said clamping means and engaging said movable locking member to release said lock when moved in one direction to open the switch and releasing said movable member for locking action when moved in the opposite direction.

1,624,373. KNITTING MACHINE. PAUL G. STROUD, Belmont, and WALTER A. SIMOND, Franklin, N. H., assignors to Acme Knitting Machine & Needle Company, Franklin, N. H., a Corporation of New Hampshire. Filed Nov. 4, 1922. Serial No. 599,024. 6 Claims. (Cl. 66—150.)



1. In a circular knitting machine, the combination with knitting instrumentalities including a circular series of needles, of means operative during circular knitting to twist and simultaneously tension the knitted web of fabric.

1,624,374. SWITCHING DEVICE. ADOLPH R. SWOBODA, Newark, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Feb. 3, 1925. Serial No. 6,618. 5 Claims. (Cl. 200—6.)

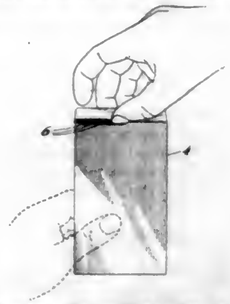


1. In a switch, a base of insulating material, a bank of sets of fixed contacts inserted therein, a rotatable shaft, an insulating disc containing a plurality of notches carried by said shaft, and a ball associated with each of said sets of contacts carried in each of said notches of said disc for contacting with its associated set when said shaft is rotated.

1,624,375. CONTAINER OPENER. JAMES C. THOM, Chicago, Ill., assignor to Combination Machine Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 9, 1925. Serial No. 1,459. 3 Claims. (Cl. 229—51.)

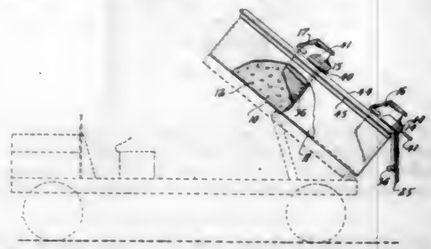
1. A commodity package including an enclosing wrapper of paper, or the like, and an opener at one end of the package underlying the wrapper, said opener having an area substantially that of the cross-section of the package,

and presenting a resistant cutting-edge coextensive with a wall of the package, which, upon the application of external pressure upon said wall of the package at the



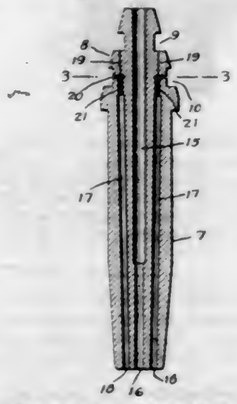
said end, will cause the cutting edge of the opener to sever the wrapper along said wall to facilitate opening of the package.

1,624,376. BATCHING APPARATUS. WILLIAM MAYO VENABLE, Pittsburgh, Pa., assignor to Blaw-Knox Company, a Corporation of New Jersey. Filed Mar. 7, 1924. Serial No. 697,483. 9 Claims. (Cl. 298—8.)



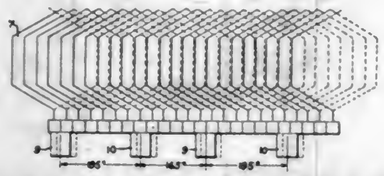
1. The combination of a dumping container and an auxiliary compartment, with gate means for simultaneously controlling their discharge combined for movement together relative to both container and compartment.

1,624,377. CUTTING TIP OR THE LIKE. GEORGE L. WALKER, New York, N. Y., assignor to Air Reduction Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 12, 1925. Serial No. 62,183. 2 Claims. (Cl. 158—27.4.)



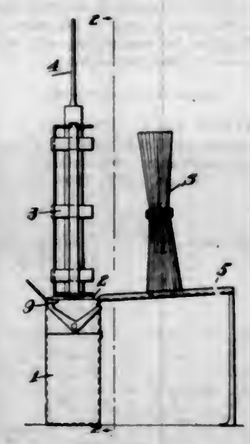
1. A cutting torch tip or member having one or more preheating mixture passages, with a restricted oxygen jet bore in line with each preheating mixture passage, said member being formed with a narrow transverse slot to afford inlet for combustible gas, the delivery ends of said oxygen jet bores terminating at the rear face of said slot, said slot intervening between the delivery ends of said oxygen jet bores and the rear ends of said preheating mixture passages, in such manner that the oxygen jets striking across the slot entrain the combustible gas.

1,624,378. ALTERNATING-CURRENT MOTOR. CLIFFORD A. M. WEBER, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 14, 1923. Serial No. 645,238. 9 Claims. (Cl. 172—276.)



1. A dynamo-electric machine comprising a member having a winding consisting of a plurality of coils, a commutator connected to said winding and a plurality of brush members co-operating with said commutator, the number of coils short-circuited by said brush members varying with the positions of the commutator during the rotation thereof, said brush members being spaced unevenly around the commutator, whereby the difference between the largest and the smallest number of coils short-circuited by said brush members at any moment during the rotation of said member is substantially a minimum.

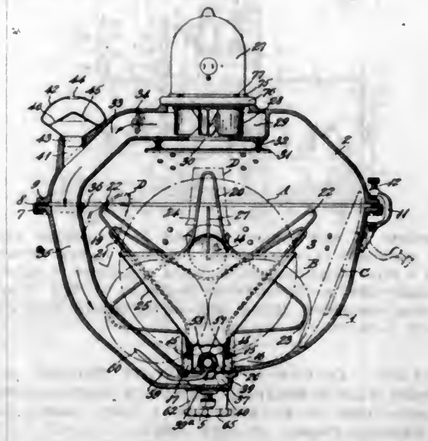
1,624,379. METHOD AND APPARATUS FOR DIPPING SHINGLES. CHARLES M. ABBOTT, Watertown, Mass., assignor to Samuel Cabot, Inc., Boston, Mass., a Corporation of Massachusetts. Filed Aug. 17, 1925. Serial No. 50,631. 6 Claims. (Cl. 91—46.)



1. The method of dipping bundled shingles which consists in supporting the shingle bundle with its laminations vertical to a body of liquid stain, in immersing the bundle by a swinging motion to enter and withdraw from the stain while maintaining the bundle with its laminations vertically disposed.

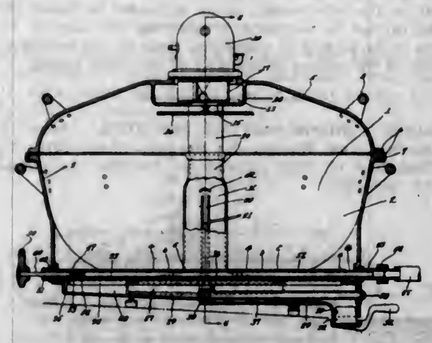
3. In a shingle dipping machine, a dipping tank, a bundle cage pivoted to said tank and adapted to support a bundle of shingles with its laminations at right angles to the line of pivot and means for rocking the cage on its pivot to enter the bundle laterally into the said tank and to withdraw it therefrom to erected position, and a counter balance angularly attached to said cage and so disposed as to have its maximum effective length when the bundle is in substantially horizontal position.

1,624,380. DISHWASHING MACHINE. PERCY E. BARKER, Cleveland, Ohio, assignor, by mesne assignments, of one-half to Arthur B. Betz, Shaker Heights Village, Ohio. Filed Apr. 30, 1923. Serial No. 635,604. 7 Claims. (Cl. 141—9.)



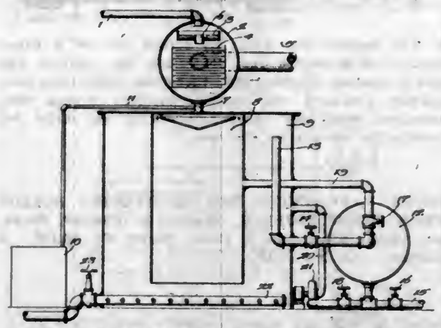
1. A dishwashing machine, comprising a casing provided in its lower portion with an air trapping chamber communicating with the space in said casing through an inlet orifice, the edges of said orifice being extended and lying at a lower level than the top of said chamber, whereby air may be trapped and held in said chamber by the sealing effect of water in said space, and means for causing air to enter said chamber and thereby pass the edges of said orifice and rise through the water in said space.

1,624,381. DISHWASHING MACHINE. PERCY E. BARKER, Cleveland, Ohio, assignor of one-half to Arthur B. Betz. Filed June 15, 1923. Serial No. 645,587. 6 Claims. (Cl. 141—9.)



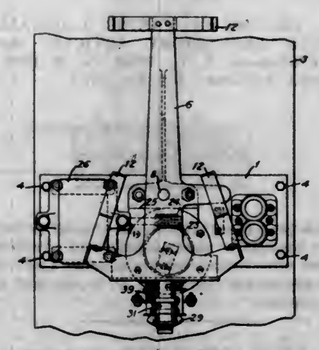
1. A dish washing machine, comprising a hollow casing provided with a chamber adapted to receive articles to be washed and a body of cleaning liquid, air moving means having an inlet communicating with the upper portion of said chamber and an outlet communicating by a passage with the lower portion of said chamber and adapted to circulate air upwardly through the liquid body, said passage having an opening to the atmosphere at such a level as to establish a predetermined definite liquid level in said chamber and which opening also serves as a breather vent to the atmosphere.

1,624,382. WATER-SOFTENING APPARATUS. KENT W. BARTLETT, Hammond, Ind. Filed June 7, 1920. Serial No. 387,146. 34 Claims. (Cl. 210—14.)



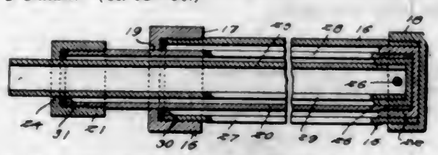
1. Water softening apparatus including a source of water that is to be treated; means for heating the water coming from said source; a settling tank having one chamber receiving the water to be treated and discharging at its lower end into a second chamber of the tank; means for introducing softening chemical into the water that enters the first aforesaid chamber of the tank; a filter; a pipe connecting the second chamber with the filter to pass softened water to the filter and having a valve for interrupting the flow of softened water therethrough; a service pipe through which filtered water passes from the filter and having a valve for interrupting the flow of filtered softened water therethrough; piping connecting the first aforesaid tank chamber with the filter through which water may be passed from the filter to said first chamber and having a valve for interrupting flow of water therethrough; and a pump for forcing the flow of water that passes through the latter piping.

1,624,383. MERCURY ARC RECTIFIER. EDWARD BECK, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 4, 1924. Serial No. 753,851. 13 Claims. (Cl. 176—41.)



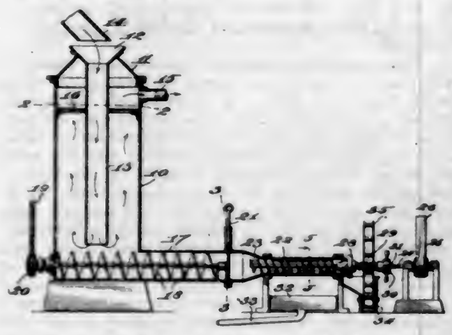
1. A tilting mechanism for a vapor rectifier, comprising a pivotally mounted rectifier holder, a member pivoted to swing around the pivotal axis of said holder, driving means for imparting a swinging motion to said member, and means for detachably coupling said member to said holder.

1,624,384. TELESCOPE AIR JET. FRANK BEDARD, Flint, Mich. Filed Aug. 14, 1925. Serial No. 50,249. 3 Claims. (Cl. 92—50.)



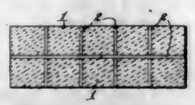
1. The combination with the screen belt of a paper machine, of a device for projecting air against the screen to remove adhering pulp therefrom comprising telescopically arranged and spaced chambers having communication with each other and having an outlet for directing the air against the belt.

1,624,385. APPARATUS FOR RECOVERING SOLIDS FROM PRESS LIQUIDS. HAROLD E. BERGEN, Berkeley, Calif. Filed Nov. 2, 1925. Serial No. 66,197. 6 Claims. (Cl. 210—149.)



1. The combination with a press liquid settling tank having uniform internal diameter throughout its length, of a tubular member extending outwardly from the lower portion of said tank, a conveyor arranged for operation within said tubular member and extending entirely across the bottom of the chamber within said settling tank, a gate at the outer end of said member, an independently operable conveyor leading from said gate and a screen surrounding said last-mentioned conveyor.

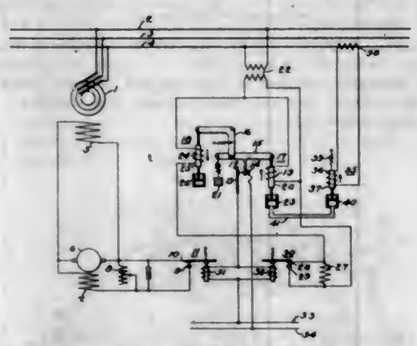
1,624,386. PROCESS OF MAKING A METALLIC REENFORCED REFRACTORY ARTICLE. ANSON G. BETTS, Kinderhook, N. Y. Filed Apr. 6, 1925. Serial No. 21,230. 2 Claims. (Cl. 25—157.)



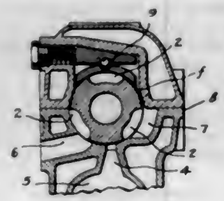
1. Process of making metallic reenforced refractory article which consists in molding powdered refractory grain and metallic wire with a soluble bonding agent, and curing at a temperature below that at which said wires are seriously injured.

1,624,387. REGULATOR SYSTEM. CLARENCE A. BODDIE, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 18, 1924. Serial No. 693,637. 7 Claims. (Cl. 171—229.)

1. In a regulator system, the combination with an electrical circuit and means responsive to a quantity of said circuit, of a regulator for said circuit comprising cooperating contact members, electroresponsive means for causing said contact members to engage and disengage and the circuit of which is controlled thereby, a second electroresponsive means for adjusting the periods of engagement of said contact members in accordance with the variations of an electrical condition of said circuit, and a third electroresponsive means responsive to sudden changes only in the electrical condition of said circuit to close the circuit of said cooperating contact members.

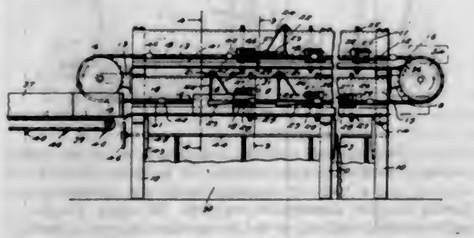


1,624,388. INTERNAL-COMBUSTION-ENGINE ROTARY VALVE MEMBER. EUGENE M. BOURNONVILLE, Jersey City, N. J. Filed Apr. 1, 1925. Serial No. 19,766. 1 Claim. (Cl. 123—190.)



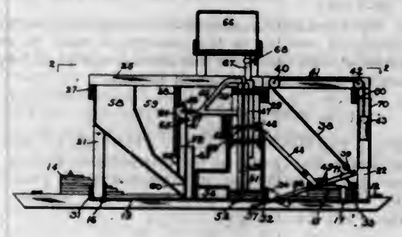
An internal combustion engine rotary valve member formed with pockets in its sides for the transfer of the gases, and with curved sealing portions between the pockets of a hardness approximately twice or more as great as the valve-casing, so as to render harmless particles carried by the gases, by shearing the same by the edges of its pockets or embedding them by the burnishing action of its surface in the wall of the valve casing.

1,624,389. SHOOK-SORTING MACHINE. JOHN N. BRATTON and WALTER N. BRYANT, Chase City, Va. Filed May 17, 1926. Serial No. 109,580. 14 Claims. (Cl. 209—90.)



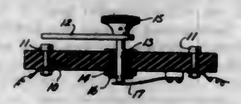
1. A sorting machine including a carrier, a support for articles moved by the carrier, means for holding vertically adjustable articles engaged with the carrier, article actuated means, and kickers associated with the article actuated means for actuation upon an article upon actuation of the latter by an article.

1,624,390. ROAD-REPAIRING MACHINE. CHRISTIAN B. CHRISTIANS, Jr., San Antonio, Tex. Filed Feb. 24, 1926. Serial No. 90,357. 19 Claims. (Cl. 94—46.)



1. In a device of the class described, a receptacle for road repairing material and means actuated by depressions in a road for distributing said material upon said road.

1,624,391. ELECTRIC SWITCH. HENRY P. CLAUSEN, Mamaroneck, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 9, 1923. Serial No. 673,645. 5 Claims. (Cl. 200—11.)



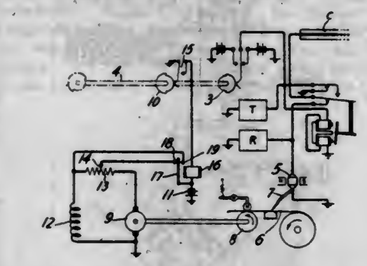
1. A switching device comprising a bushing, a rotatable shaft loosely mounted in said bushing, and a switch arm carried by said shaft and freely rotatable in one vertical position of said shaft, said switch arm being flexed when the shaft is depressed to lock the shaft against said bushing.

1,624,392. FIXING FOR POLES AND THE LIKE. EDWIN GEORGE CLEVERLY, London, England. Filed July 31, 1924, Serial No. 729,362, and in Great Britain Aug. 1, 1923. 3 Claims. (Cl. 16—14.)



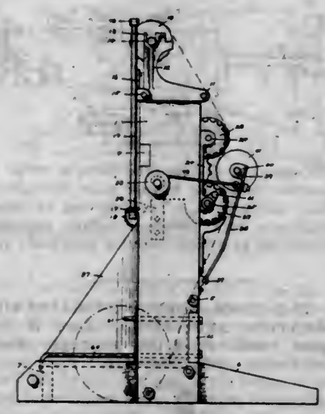
1. In a fixture for stair and curtain rods and the like, the combination of a base member having a transverse passage to receive a rod and formed with a perforation extending at right angles to said passage for receiving a securing means whereby said base may be anchored to a support, with a separate cap slidably applied to said base in a direction at right angles to the axis of the rod and having one side wall slotted at an angle to said transverse passage so as to straddle the portion of the rod extending in said base member and having its opposed side wall of unbroken area to prevent the endwise movement of the rod in that direction, said cap overlying said perforation.

1,624,393. TELEGRAPH SYSTEM. ALLISON A. CLOKEY, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed May 29, 1926. Serial No. 112,464. 4 Claims. (Cl. 178—63.)



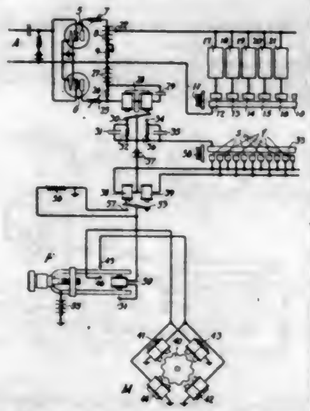
1. In a telegraph terminal system arranged to operate in alternate transmitting and receiving periods, a recorder for use during one of said periods, a tape on which a record is made by the operation of the recorder, a tape pulling motor, switching mechanism for controlling the direction operation of said system and means controlled by said switching mechanism for reducing the speed of said motor during the other of said periods of operation.

1,624,394. NETTING HANDLER. DAVID JAMES CRONK, Poughkeepsie, N. Y. Filed Dec. 8, 1924. Serial No. 754,520. 3 Claims. (Cl. 242—75.)



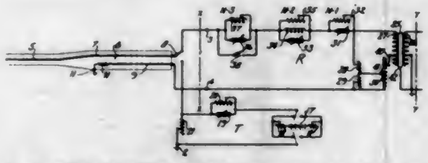
3. In a machine of the class described and in combination with a supporting frame comprising two uprights, having friction rolls mounted therein and a delivery roll adjacent thereto and driving means for the same, of arms having their inner ends pivoted to said upright, a tension roller journalled in the outer ends of said arms, a shaft rotatably mounted in said uprights and having its ends extending therefrom, wheels mounted on the ends thereof, cables carried by said wheels and attached to said arms and adapted to be wound upon said wheels for the purpose of swinging said arms toward the frame and bringing the tension roll into contact with the friction rolls to hold the netting therebetween during its passage through the machine.

1,624,395. SIGNALING SYSTEM. AUSTEN M. CURTIS, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 22, 1924. Serial No. 733,458. 6 Claims. (Cl. 178—53.)



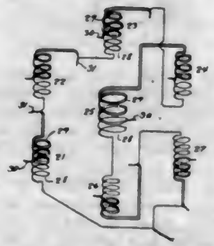
1. A signaling system including a plurality of amplifying devices for amplifying received signal impulses involving waves of a plurality of frequencies, and means individual to each of said devices and responsive to waves of frequencies, which are in part, at least, identical, for performing different operations.

1,624,396. SUBMARINE SIGNALING SYSTEM. AUSTEN M. CURTIS, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 17, 1925. Serial No. 56,825. 22 Claims. (Cl. 178—63.)



1. A cable signaling system comprising a cable, an impulse transmitter connected to said cable through a sending condenser, and a path to earth having an impedance low in comparison with the characteristic impedance of the cable connected at a point between said cable and said condenser.

1,624,397. ELECTROMAGNETIC THERAPEUTIC-COMPRESS-HEATING APPLIANCE. JOHN H. DEQUER, Los Angeles, Calif. Filed Dec. 15, 1925. Serial No. 75,567. 5 Claims. (Cl. 219—41.)



1. In therapeutic compress heating appliances, the combination of a shallow casing embodying spaced top and bottom walls, coiled insulated wiring so housed within said casing as to provide for establishing an electromagnetic heating zone entirely and uniformly thereabout, a junction conduit handle unit for said casing in open communication therewith, and electrical circuit leads extending from the terminal ends of said coiled wiring and through said handle unit to the exterior of said casing.

1,624,398. FIRE-EXTINGUISHING COMPOSITION. FREDERICK L. DUNLAP, Chicago, Ill., and NATHANIEL T. EWER, Swarthmore, Pa., assignors to Amdyco Corporation, New York, N. Y., a Corporation of New York. Filed Apr. 21, 1926. Serial No. 103,631. 15 Claims. (Cl. 23—248.)

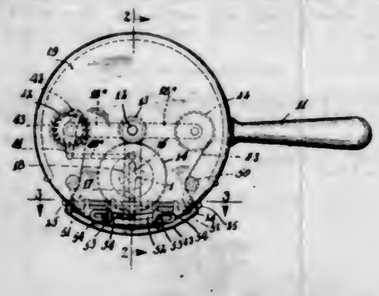
1. A fire-extinguishing composition comprising ingredients capable of reacting in the presence of water to produce foam, a foam stabilizer and inert material to avoid deterioration of the composition in storage.

1,624,399. CLAMPING DEVICE. WALTER R. ELLIS, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 3, 1925. Serial No. 60,286. 7 Claims. (Cl. 24—136.)



1. A conductor-supporting clamp comprising a body member, an outer holding member, a plurality of similar clamping members disposed between said members and automatically movable relatively thereto to compensate for reduction in the cross-sectional area of the conductor caused by load forces, and means for locking said body and holding members against longitudinal relative movement in both directions.

1,624,400. SANDPAPER AND RUBBING MACHINE. LOUIS FERRARA, Brooklyn, N. Y. Filed Dec. 11, 1925. Serial No. 74,712. 3 Claims. (Cl. 51—170.)



1. A sandpapering machine comprising an electric motor, a casing for said motor, a lever fulcrumed on the motor casing at the central part thereof, means within the casing forming an operative connection between the motor shaft and the lever to oscillate the lever, a sandpaper holding foot rigidly mounted on said lever, a pair of drums supported by said lever, a strip of sandpaper extending from said drums across the face of said holding foot, means for clamping said sandpaper, and means for releasing said clamping means and advancing said sandpaper.

1,624,401. BRISANT EXPLOSIVE. BERNHARD JACQUES FLÜRSCHEIM, Fleet, England. Filed Oct. 9, 1924, Serial No. 742,518, and in Great Britain Oct. 26, 1923. 25 Claims. (Cl. 52—13.)

1. A process for producing an explosive composition impervious to water from a material consisting of a crystalline nitro-compound which cannot conveniently be fused which process consists in causing the material to be permeated by such a proportion of a fusible nitro-compound which has solidified in the mass that the mixture cannot readily be poured when it is at a temperature which is only slightly above the temperature at which this fusible compound melts in the mass.

1,624,402. ELECTRICAL HEATING APPARATUS. FRANK F. FORSHEE, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 12, 1925. Serial No. 55,902. 6 Claims. (Cl. 126—304.)

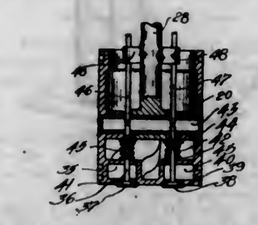


1. In combination, a casing having a plurality of depressed portions each connected thereto by a plurality of bridges integral therewith, and a casing-supporting device having a plurality of resilient members integral therewith which is firmly held between the depressed portions by reason of the resiliency of the members.

1,624,403. PROCESS OF TREATING ROCK ASPHALT FOR SHIPMENT AND LAYING. JOHN W. FRAZIER, San Antonio, Tex., assignor to Uvalde Rock Asphalt Company, San Antonio, Tex. Filed Aug. 29, 1924. Serial No. 735,021. 4 Claims. (Cl. 106—31.)

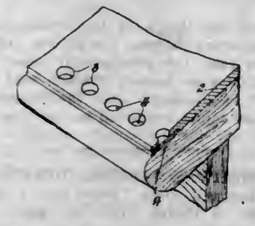
1. A process of preparing limestone rock asphalt in condition for shipment ready to lay, comprising first, crushing and pulverizing a quantity of porous limestone, then mixing with said limestone a small quantity of solvent; then introducing a small proportion of fluxing agent, finely crushing limestone rock asphalt and mixing it with the prepared limestone in the proportion of about four parts of the rock asphalt to one of the prepared limestone dust.

1,624,404. INTERNAL-COMBUSTION ENGINE. FREDRICK W. FRESE, Spokane, Wash. Filed Mar. 2, 1925. Serial No. 12,562. 1 Claim. (Cl. 123—47.)



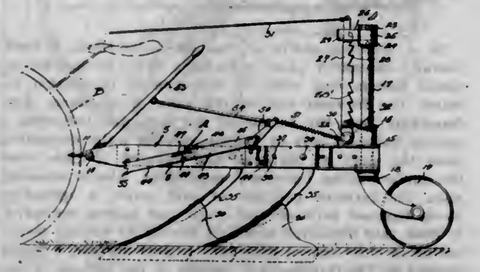
In a valved piston construction, a hollow wrist pin, a connecting rod connected thereover, said wrist pin having guide slots formed therein at opposed points and in registry on opposite sides of said connecting rod, valve stems disposed through certain of the slots from the piston head, brackets projecting laterally from opposite sides of said connecting rod, push rods carried through said brackets for longitudinal movement relative to said connecting rod, said push rods extending through other of the wrist pin slots to engage said valve stems within the wrist pin, and means on said push rods for timed operative engagement with an engine crank shaft.

1,624,405. STAIR TREAD. HERBERT FROOD, Chapel-en-le-Frith, England, assignor to Ferodo Limited, Chapel-en-le-Frith, England. Filed Aug. 27, 1921, Serial No. 496,095, and in Great Britain Dec. 31, 1919. 2 Claims. (Cl. 20—79.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



2. A replaceable wear receiving covering for stair treads having along the forward edge portion a row of perforations with material visible through the perforations in strong color contrast with the material of the upper surface of the covering, for indicating the forward edge of the tread.

1,624,406. TRACTOR PLOW. CHARLES HAFFKE, Washington, Ark. Filed Apr. 21, 1923. Serial No. 633,676. 3 Claims. (Cl. 97—47.)

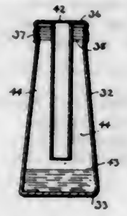


1. The combination with a tractor including a draw bar, of a tractor plow including a frame, the forward end of the frame being supported on the rear end of the tractor on a horizontal pivot thereby permitting swinging movement thereof in a horizontal plane, a vertically disposed sleeve carried by the rear end of the frame, a post slidably mounted in said sleeve, and mounted for rotary movement therein, a castor wheel carried by the post, means for raising and lowering the frame on the post, plow bottoms carried by the frame, stops carried by the sleeve, stops carried by the post adapted to engage the stops formed on the sleeves when the frame is in its lowermost position for preventing rotary movement of the post therein, as and for the purpose specified.

1,624,407. FLOWER HOLDER AND STAND. JAMES HAMILTON, Detroit, Mich. Filed Sept. 24, 1924. Serial No. 739,737. 1 Claim. (Cl. 47—41.)

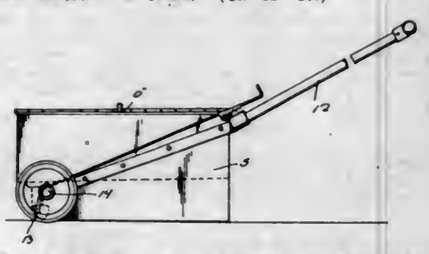
A device of the class described comprising a vase, affording a reservoir for a liquid within its lower portion and including a bottom having a frusto-conical wall riding

therefrom, a closure for the upper end of the wall, means for detachably mounting the closure on the wall, said closure provided with an opening, and a rigid imperforated tube fixed to the closure in registry with said opening, then extending downwardly into the vase in spaced rela-



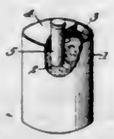
tion throughout its length to the frusto-conical shaped wall and terminating between the bottom and the central portion of the vase, the arrangement being such that a flower having its stem passing through said opening and said tube will be displayed over the closure while said stem dips in the liquid contained in the vase.

1,624,408. HIGHWAY-MARKING DEVICE. ISAAC E. HANSON, Blackwell, Okla. Filed July 1, 1926. Serial No. 119,889. 1 Claim. (Cl. 41—39.)



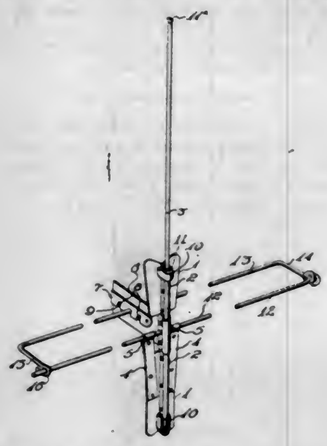
In a marking device of the class described, a horizontally elongated paint containing tank having an inclined bottom wall with its direction of inclination towards the forward end of the tank, a discharge pipe depending from the bottom of the tank and including a control valve, a pair of spaced parallel walls depending from the sides of the tank and adapted to glide over the surface being traversed, supporting wheels mounted upon the forward portions of said walls, a spreading block disposed between said walls and spaced rearwardly from said discharge pipe and having its bottom terminating in close spaced proximity to said surface, a brush carried by the intermediate portion of the bottom of the tank and disposed between said depending walls, and a pressing roller disposed between the rear end portions of said walls and spaced rearwardly from said brush.

1,624,409. DRY CELL AND ELECTRODE THEREFOR. GEORGE W. HEISE, Bayside, N. Y.; HARRY H. THOMPSON, Cleveland, Ohio; and NEWCOMB K. CHANEY, Kew Gardens, N. Y., assignors to National Carbon Company, Inc., a Corporation of New York. Filed Dec. 31, 1923. Serial No. 683,750. 6 Claims. (Cl. 136—107.)



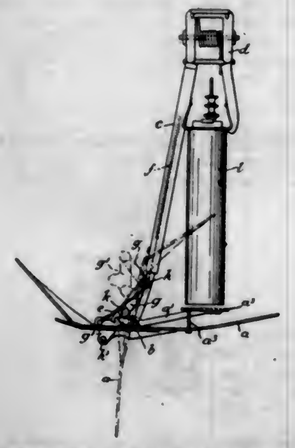
1. In a galvanic cell, a metallic electrode, a body of depolarizing material, and an electrode of opposite polarity having a relatively small volume and extending through not substantially more than one-half of said body, whereby the space available for active materials is increased.

1,624,410. BROOM PROTECTOR AND STAND. ALBERT J. HENNES, Cincinnati, Ohio. Filed Dec. 22, 1925. Serial No. 77,162. 4 Claims. (Cl. 248—49.)



1. A device of the character specified, comprising a pair of rods pivotally secured together at an end of each, said rods being adapted to fit around the straw of a broom, means for securing together the free ends of said rods, a spreader plate for spreading said rods intermediate their ends, a supporting rod for supporting said broom, and means for slidably securing said supporting rod to said first mentioned rods, whereby it may be adjusted into or out of supporting position.

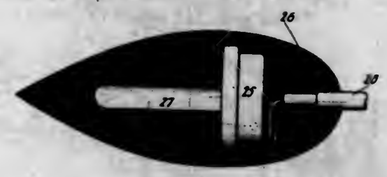
1,624,411. LANDING LIGHT OR FLARE FOR ATTACHING TO AIRCRAFT. HAROLD EDWARD SHERWIN HOLT, Farnborough, England. Filed Feb. 14, 1924. Serial No. 692,902, and in Great Britain Feb. 20, 1923. 3 Claims. (Cl. 240—1.)



1. A landing light or flare for air-craft, comprising a depending bracket for holding the burning composition or flare proper, a depending arm on the bracket, a

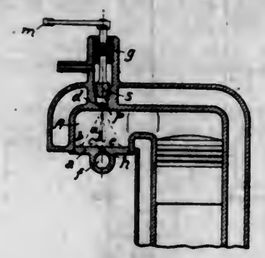
pivoted shade supported by said arm near the lower end of the flare, a spring tending to pull the shade into the operative and substantially vertical position, means arranged to hold the shade normally out of action and in a substantially horizontal position so that it projects below the lower end of the flare, and means operated by the gases given off by the flare upon ignition to release the shade-holding means and permit the shade to be swung into operative position by the spring.

1,624,412. SUBMARINE SIGNALING. JOSEPH W. HORTON, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 31, 1919. Serial No. 334,684. 9 Claims. (Cl. 177—386.)



3. In a vibration responsive device, a circuit-varying means completely surrounded by a body of resilient energy-absorbing non-metallic material.

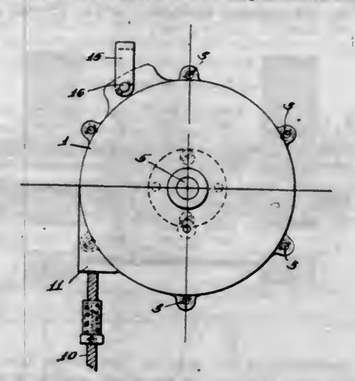
1,624,413. FUEL-ADMISSION DEVICE FOR HEAVY-OIL ENGINES. FRITZ HUBER, Mannheim, Germany, assignor, by mesne assignments, to Heinrich Lanz Aktiengesellschaft, Mannheim, Baden, Germany, a Corporation of Germany. Filed Nov. 24, 1924, Serial No. 752,058, and in Germany Feb. 2, 1924. 8 Claims. (Cl. 123—32.)



1. A fuel admission device for internal combustion engines, including a cylinder forming a nozzle and having a chamber, means for admitting fuel to said nozzle, and a regulator shaped as a truncated cone movable in said chamber and having a lateral clearance with respect to the wall thereof to vary the size of said chamber whereby the acceleration of the fuel through the nozzle is in inverse ratio to the size of said chamber.

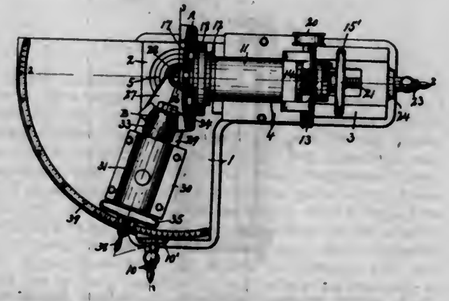
1,624,414. COUNTERBALANCING DEVICE. LESTER M. LLEWELLYN and HAROLD G. PEDERSON, Syracuse, N. Y.; said Llewellyn assignor to said Pederson. Filed Oct. 23, 1923. Serial No. 670,349. 1 Claim. (Cl. 242—98.)

A counter-balancing device comprising a casing, a reel mounted in the casing, the casing having a downwardly extending outlet on the lower side thereof, substantially tangent to the reel, a part carried by the casing and extending axially into the reel, a spiral spring secured at one end to the reel and at its other end to said part, a cable for supporting an article on the reel and extending through the tangential outlet, and a link adapted to receive suspending means at its upper end and pivotally secured at its lower end to the casing above the tangential outlet at a point between the axis of the reel and the axis of the tangential outlet, and



providing a flexible connection for the casing and permitting a floating action of the device as a unit on the said pivot below the link suspending means.

1,624,415. BEVEL-GEAR-TESTING MACHINE. CHARLES H. LOGUE, Syracuse, N. Y., assignor to The Gleason Works, Rochester, N. Y., a Corporation of New York. Filed May 8, 1924. Serial No. 711,903. 5 Claims. (Cl. 73—51.)

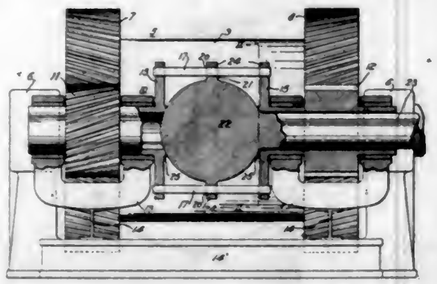


1. In a machine for testing bevel gears, a frame, a support mounted on said frame, a spindle adapted to carry a bevel gear journaled in said support, a second support pivotally mounted on said frame for movement about an axis intersecting the axis of said spindle, a spindle, adapted to carry a second bevel gear, journaled in said last-named support, means for adjusting said last named support axially on its pivotal axis to move the second spindle bodily in parallel planes, means for rolling the gears together and cooperating means on said second support and frame for indicating the amount of any pivotal movement of the second support caused by imperfection in the mesh of the gears.

1,624,416. REDUCTION GEARING. ALLIS M. MACFARLAND, Wilkinsburg, Pa., assignor to Westinghouse Gear and Dynamometer Company, a Corporation of Pennsylvania. Filed Oct. 30, 1920. Serial No. 420,719. 4 Claims. (Cl. 74—7.)

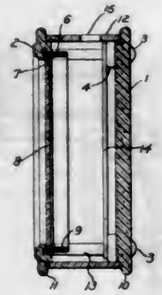
1. Gearing comprising a gear having two sets of oppositely inclined helical teeth, a pair of separate pinions mounted for relative rotary movement and relative axial movement, provided with oppositely inclined helical teeth adapted to engage separate sets of teeth on the gear, the teeth being inclined so that the pinions are

moved toward one another by the longitudinal thrust of the inclined teeth, a shaft extending through one of the pinions and having a thrust member adapted to limit the longitudinal movement of the pinions and per-



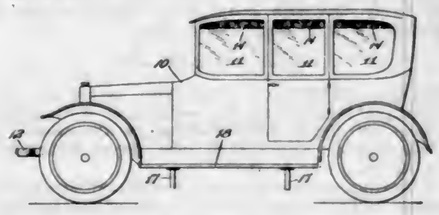
mit movement of the axis of the pinion into angular relation with the axis of the shaft, and a driving connection pivotally connecting the pinions permitting relative rotary movement of the pinions and pivotally engaging the shaft at a point between the pinions.

1,624,417. METER CASING. PAUL MACGAHAN, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 26, 1922. Serial No. 532,056. 8 Claims. (Cl. 171—34.)



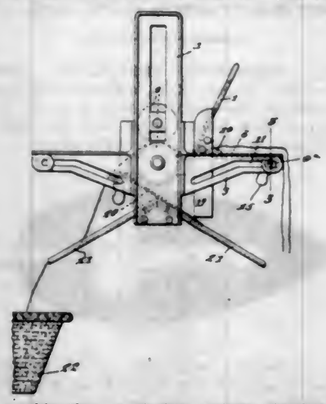
3. A meter casing comprising a molded insulating cover member having a window opening and a metal pane-supporting rim member having a perimetral portion greater in diameter than said opening embedded in said cover member to provided an insulating shoulder for the pane.

1,624,418. COLLISION SHIELD FOR VEHICLES. WELLINGTON W. MARSH, Long Beach, Wash. Filed Dec. 17, 1925. Serial No. 76,042. 4 Claims. (Cl. 180—83.)



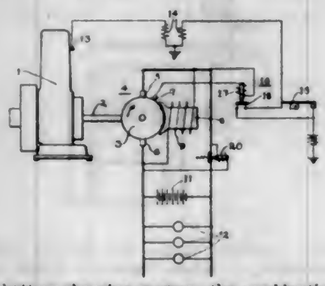
3. In a vehicle, a shield having two positions, a restraining element for the shield normally maintaining it in one of said positions, the shield, when released, automatically moving to the other of said positions, a control for said shield including an inertia operated switch and a control circuit for said restraining element including said inertia operated switch.

1,624,419. CLOTHES-WRINGER ATTACHMENT. ROBERT LEE MCCOUBRIE, Philadelphia, Pa. Filed Mar. 18, 1926. Serial No. 95,608. 3 Claims. (Cl. 68—32.)



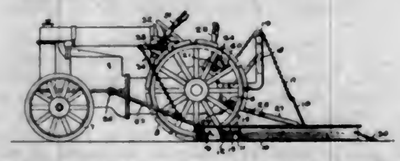
1. In combination, a clothes wringer having rolls, a clothes supporting table at approximately the level of the rolls, and means to feed clothes while supported on said table comprising a pusher element having guides straddling said table.

1,624,420. BATTERY-CHARGING SYSTEM. WILLIAM E. MENZIES, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 13, 1922. Serial No. 574,737. 1 Claim. (Cl. 290—35.)



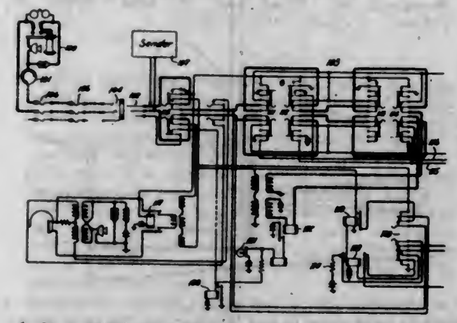
In a battery-charging system, the combination with a storage battery, a generator connected thereto having an armature and main and auxiliary brushes co-operating therewith, and a prime mover for said generator, of electroresponsive means for terminating the operation of said prime mover, said means being energized from said auxiliary brush and one of said main brushes.

1,624,421. ROAD DRAG. HENRY D. MEYER, Milford, Ill. Filed July 15, 1925. Serial No. 43,827. 3 Claims. (Cl. 37—152.)



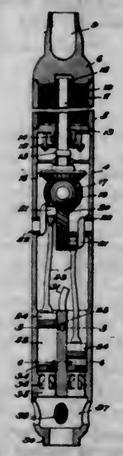
1. The combination with a tractor having a rearwardly projecting draw bar at the rear end thereof, of a road drag attachment therefor including a pair of drag sections, rigid draft bars secured to the forward outer ends of the drag sections and to opposite sides of the tractor, a draft bar having one end rigidly attached to the inner adjacent ends of the drag sections and its opposite end pivotally secured to the draw bar of the tractor, a rigid connecting strip having its opposite ends secured to the inner adjacent ends of the drag sections, and means carried by the tractor and associated with the rigid connecting strip for raising and lowering the said drag sections.

1,624,422. DIAL TESTING CIRCUIT. ROBERT B. MILLER, Jackson Heights, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 30, 1926. Serial No. 119,579. 13 Claims. (Cl. 179—175.)



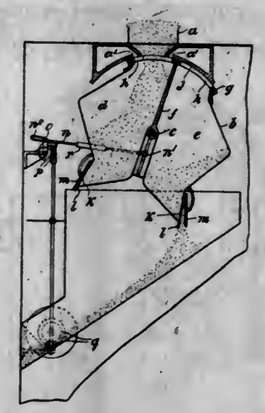
1. In a telephone exchange system, an operator's position, a test circuit available to said position, a telephone circuit, an impulse transmitter associated therewith, means at said position for connecting said test circuit with said telephone circuit, means in said test circuit controllable over said telephone circuit to determine the speed of pulsing by said transmitter, and means to transmit a signal to said telephone circuit to indicate said speed.

1,624,423. SUBMERGED PUMPING UNIT. MELVIN L. MILTON, Denver, Colo. Filed May 14, 1926. Serial No. 109,111. 3 Claims. (Cl. 103—46.)



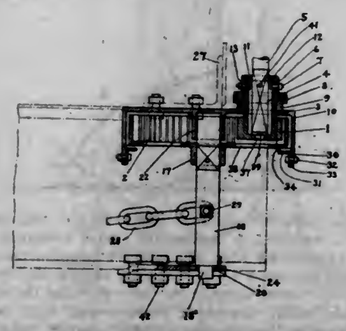
1. A pumping unit comprising a casing having a closed upper end and provided at its lower end with a piston block having an inlet opening, the upper end of said casing being provided with a liquid receiving chamber, a motor housed in the upper portion of the casing, a pump housed in the casing and connected with the motor and having a piston slidably mounted in the block, and a pipe connected at one end with the piston block and at its other end with the liquid receiving chamber, the intermediate portion of said pipe passing through the side wall of the casing and disposed exteriorly of the casing along the motor housing portion thereof.

1,624,424. PNEUMATIC ELEVATOR. ALFRED HILLYARD MITCHELL, deceased, late of Plumstead, England, by Henry Ormsby Burge, executor, Brentwood, England, assignor to Henry Simon Limited, Manchester, England. Filed Sept. 2, 1921, Serial No. 498,071, and in Great Britain Nov. 20, 1913. 4 Claims. (Cl. 302—62.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. The combination with the mouth of a grain hopper, of an arcuate valve seat formed at said mouth and provided with an exhaust port, a tipper provided with an arcuate upper end fitting said seat and having spaced inlet ports, said tipper being divided into a pair of compartments into which said inlet ports respectively open, each of said compartments having a valve at its lower end, and mechanical means connected to the tipper for oscillating it at a definite rate regardless of the kind of grain being handled to bring each inlet port alternately into registration with the mouth and exhaust port and then out of such registration and permitting intervals of rest of said tipper between movements.

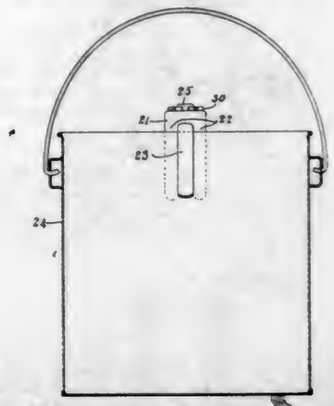
1,624,425. HAND-BRAKE MECHANISM FOR RAILWAY CARS. YUSKE MIYASAKI, Kansas City, Mo. Filed July 23, 1926. Serial No. 124,508. 7 Claims. (Cl. 74—112.)



1. A hand brake mechanism comprising, in combination, a housing provided with an outstanding tubular bearing, a pinion within the housing having a trunnion

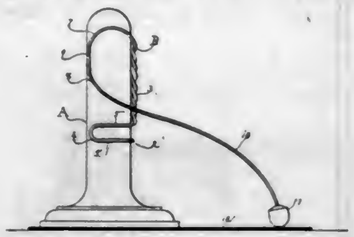
extending through the bearing of the housing, a cap secured to the trunnion of the pinion and contacting with the outer end of the bearing of the housing, the top of the cap having contact with the outer end of the trunnion of the pinion, a brake shaft extending through the cap and engageable with the pinion, a gear within the housing meshing with the pinion, and a winding shaft rotatable with the gear, the under surface of the top of the cap sloping toward the brake shaft so that moisture passing through the clearance of the cap surrounding the adjacent portion of the brake shaft will be received within the trunnion.

1,624,426. BRUSH HOLDER. JOHN H. MUMAW, JOHN B. SCHNIEDERS, and WALTER G. HAAS, Dayton, Ohio, assignors, by mesne assignments, to Universal Specialty Company, a Partnership composed of Hugo J. Purpus and Walter G. Haas, Dayton, Ohio. Filed Dec. 26, 1924. Serial No. 758,088. 2 Claims. (Cl. 248—49.)



2. In combination, a spring clip support having spaced arms for engaging the outside and inside of the upper edge of a receptacle, an eye on the upper end of the clip, a universal brush holder pivoted in said eye, a shoulder on the upper edge of said clip for supporting said brush holder in horizontal position over the receptacle, said brush holder consisting of U-shaped substantially parallel spring arms having outwardly flaring ends and oppositely disposed V-shaped portions for receiving brush handles.

1,624,427. PAPER HOLDER. JOHN C. MURDOCK, Binghamton, N. Y. Filed Apr. 16, 1926. Serial No. 102,571. 3 Claims. (Cl. 120—82.)



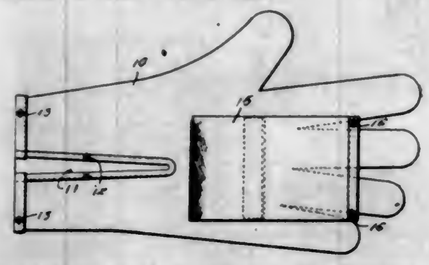
1. In a telephone message blank holder, the combination of a standard A, having the spring collars 4 and 9 formed of a single wire, the collar 9 gripping the standard A and the lower collar 4 resting against the standard A, the two curved ends of the wire forming the sides of the upper collar projecting inward and then outward and downward terminating in feet spaced apart from each other and from the base of the standard and adapted to press down upon layers of paper or other material.

1,624,428. HAIR CLIP. HIDE NAITO, Portland, Oreg. Filed June 12, 1926. Serial No. 115,628. 3 Claims. (Cl. 132—50.)



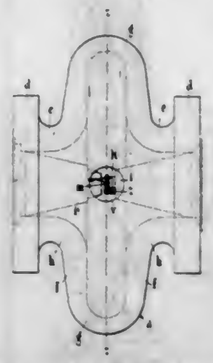
1. A hair clip constructed of resilient material having most material central of its ends and tapering uniformly toward either end, folded about its central position to form two legs, one of which said legs is substantially straight, the other of which is crimped to engage the oppositely opposed leg only at the infold of each crimp

1,624,429. AUTOMOBILIST'S GLOVE. ESSIE R. PALMER, Savannah, Ga. Filed Aug. 10, 1926. Serial No. 128,440. 1 Claim. (Cl. 2—162.)



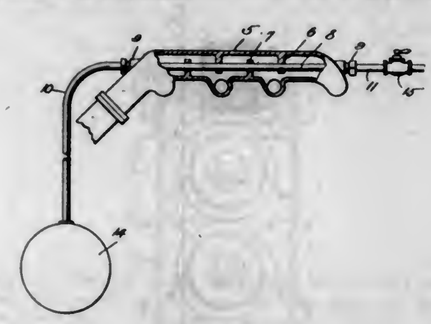
A signaling device for vehicle drivers comprising a glove of light color having a legend on the back thereof of a color contrasting with that of the glove, a flap secured at one end to the palm of the glove and having a similar legend theron in a dark color, and means for detachably securing the free end of the flap at the wrist portion of the glove whereby to cover the closure of the glove, to retain the closure in closed position, and to display the legend on said flap.

1,624,430. DEVICE SUITABLE FOR MEASURING THE AXIAL THRUST OF ROTATABLE SHAFTS. CHARLES ALGERNON PARSONS and STANLEY SMITH COOK, Newcastle-on-Tyne, England; said Cook assignor to said Parsons. Filed Mar. 11, 1925. Serial No. 14,659, and in Great Britain Apr. 3, 1924. 10 Claims. (Cl. 265—1.)



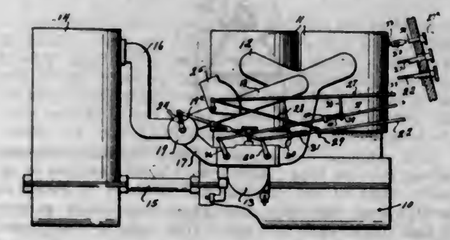
1. Apparatus for measuring thrust, comprising in combination a shaft having a hollow deformable member apertured to permit access to the interior thereof of a beam of light; an optical device for measuring deformation of said member due to thrust, said optical device including light-reflecting means disposed within said deformable member, and means for operatively connecting said optical device with said shaft.

1,624,431. GAS GENERATOR. EARL P. PERCEY, Jerome, Idaho. Filed Mar. 1, 1926. Serial No. 91,538. 1 Claim. (Cl. 48—102.)



In a liquid fuel vaporizer and gasifier, a heated gas chamber having spaced upwardly extended fingers and spaced depending fingers, said fingers having openings, a gas generating pipe extended through the heating chamber and held within the openings of the fingers, a solid core formed of asbestos material supported within the gas generating pipe, said core including a length of wire wound helically around the asbestos material, said core and wire being spaced from the inner surface of the gas generating pipe to provide a liquid fuel gasification space, and an inlet pipe for directing liquid fuel to the gas generating pipe.

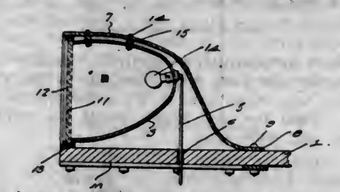
1,624,432. INTERNAL-COMBUSTION ENGINE. VINTON U. D. PIERCE, Asheville, N. C.; Josiah Pierce executor of said Vinton U. D. Pierce, deceased. Filed Oct. 10, 1923. Serial No. 667,768. 13 Claims. (Cl. 123—119.)



1. In combination with an internal combustion engine embodying the usual intake manifold and carburetor, a pump delivering to the engine cylinders at each cycle of the engine through said manifold and through said carburetor an amount of air equal to the piston displacement of the engine during such cycle, including a discharge branched to form two conduits, one communicating with the intake manifold and the other with the intake of the carburetor, and a valve in the first named conduit operable to open the conduit to permit passage of air therethrough or to by-pass air to the atmosphere and to close said conduit.

1,624,433. AUTOMOBILE SIDE LIGHT. JOSEPH RAIL and HENRY E. SPROW, Rockville, Ind. Filed Nov. 11, 1926. Serial No. 147,744. 1 Claim. (Cl. 240—8.2.)

In a side light structure of the class described, in combination, a running board, a substantially elliptical reflector, a source of illumination supported on the interior of the reflector on a plane above the horizontal center of the reflector, a housing in which said reflector is located, said housing having a portion shaped to conform to a part of the reflector, and having another portion shaped to provide an attaching flange secured to said running board, a lens for the open side of the said



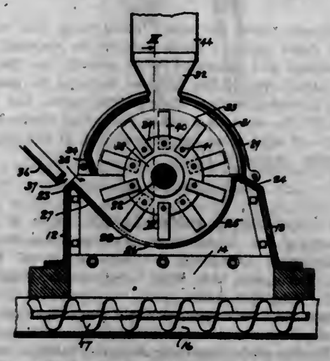
reflector located in said housing, and a retaining wire for said lens, together with means for supporting said reflector in an inclined position in said housing.

1,624,434. TYPOGRAPHICAL MACHINE. WILLIAM C. REDFIELD, Cincinnati, Ohio. Filed Apr. 17, 1924. Serial No. 707,244. 4 Claims. (Cl. 199—47.)



1. In a type casting machine wherein selective molds are carried by a rotatable mold disc and register at different levels with a reciprocating matrix carrying elevator, the registration being completed by a forward motion of the mold disc, the combination of lever mechanism and an abutment, the lever mechanism being operatively attached to the vise frame to engage and raise the elevator above its lowest position and the abutment being provided on the mold disc in association with a mold registering at a higher level and positioned to contact and operate the lever mechanism as the mold disc moves forwardly to raise the first elevator to registering position when the higher level mold is in operative position.

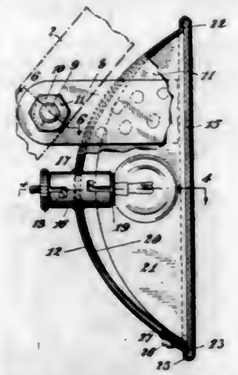
1,624,435. DELINTER. JAMES E. REDUS, Memphis, Tenn. Filed Nov. 29, 1926. Serial No. 151,312. 7 Claims. (Cl. 19—44.)



1. The method of delinting cotton seed hulls, comprising carrying them in an upwardly flowing current of air

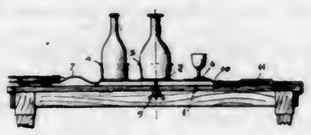
and subjecting them to an oppositely moving abrading action whereby the lint will be abraded therefrom and removed by such air current.

1,624,436. AUTOMOBILE LIGHT. GEORGE MARTIN ROSEMIER, New York, N. Y., assignor to The Protectolite Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 21, 1922. Serial No. 595,932. 1 Claim. (Cl. 240—8.2.)



The combination with a vehicle, of a mudguard positioned in relation to one of the wheels of the vehicle and a relatively high narrow lamp secured beneath the mudguard in a position to the rear of and below the apex thereof and laterally outside of the wheel, said lamp comprising a parabolic reflector having flat, vertical, parallel sides positioned within a casing of substantially similar form, and means for securing the lamp adjacent the outer edge of the mudguard, whereby lateral spread of the beam of light from the lamp toward the centre of a roadway will be masked by the wheel and upward spread of the beam will be masked by the mud-guard.

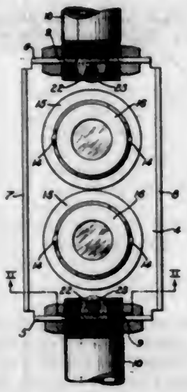
1,624,437. DINNER TABLE ON SHIPS. IGNAZIO SAVIO, Genoa, Italy. Filed Apr. 3, 1925. Serial No. 20,540, and in Italy Feb. 11, 1925. 2 Claims. (Cl. 45—75.)



2. A dinner table for ships comprising the combination of a fixed table, a plate detachably secured on the center thereof and provided with vessels for the reception of containers, spring latches secured to said plate and each provided with a cleft at the outer end for the reception of the stem of a glass and arms secured to the plate, each of said arms being provided at the outer end with a plate engaging clasp.

1,624,438. INCLOSED RECEPTACLE. GUY F. SCOTT, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 18, 1922. Serial No. 555,106. 2 Claims. (Cl. 200—133.)

1. A fuse receptacle comprising a metal bottom portion formed of sheet metal and having oppositely disposed integral flanges and oppositely disposed integral side portions provided with openings for receiving wiring conduits, and a cover portion formed of sheet metal and having opposite integral side walls fitting within and overlapping the flanges and constituting a cover of U-shape conforming in contour to and closely fitting the edges



of the walls of the bottom portion to constitute with the bottom portion a complete two-piece enclosure for the fuse devices.

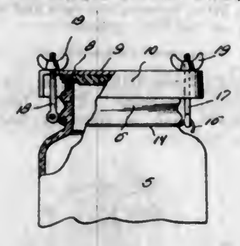
1,624,439. BOX. HERBERT D. SENAT, Glen Olden, Pa. Filed July 13, 1926. Serial No. 122,073. 2 Claims. (Cl. 229—52.)



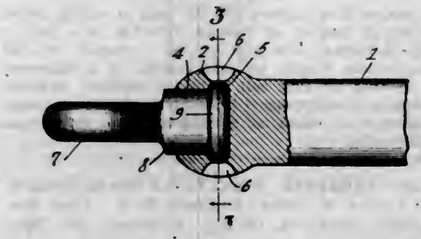
1. A shipping box of stiff folded cardboard material having two top flaps respectively hingedly secured to opposite edges of the opening into said box to swing on parallel axes, said flaps each being substantially as wide as said opening into said box so that when they are closed they will lie flat one on the other and the top flap will provide a smooth uninterrupted surface for said box, each of said flaps being provided with an elongated hand opening near and extending substantially parallel to the free edge of its flap, the edge of said hand opening nearest the free edge of the flap being provided with a stiff tongue normally lying flat within and filling said opening and flexibly connected to said edge of said hand opening, the width of the tongues in the two flaps being alike and such that when the free edges of the said flaps are brought together the free ends of either of said tongues may be first forced inwardly out of the plane of its flap and its free edge brought into abutting relationship with the opposite flap, and retained in the angle formed by the opposite flap and the tongue connected therewith, and the other tongue may be similarly forced inwardly to lie flat against the underside of the first tongue with its free edge below the outer surface of the opposite flap.

1,624,440. COVER FOR JARS AND THE LIKE. GEORGE JOHN SPEICHER, Miners Mill, Pa. Filed June 1, 1926. Serial No. 112,971. 2 Claims. (Cl. 215—88.)

1. A device of the class described including a band of a general annular formation having its intermediate portion provided with an eye and at its ends provided with hooks, an eye bolt engaged with the eye of the band, and a second eye bolt engaged with the hooks, a disk, a casing over the disk having an opening for receiving one bolt, and a slot for receiving the other bolt, and nuts for the bolts.

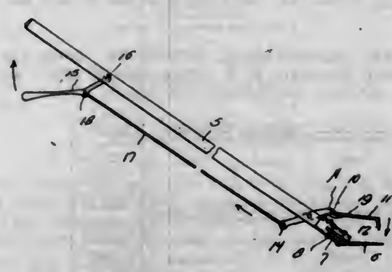


1,624,441. SWIVEL LINK. EUGENE C. STACY, Tiffin, Ohio. Original application filed July 2, 1924, Serial No. 723,773. Divided and this application filed Jan. 2, 1925. Serial No. 190. 1 Claim. (Cl. 59—95.)



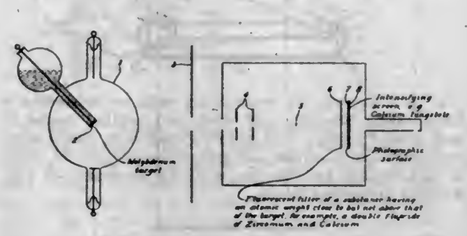
A swivel link for load binders and the like including a cylindrical stem, an annular rib upon the stem, a link member formed of a casting having a recess, the wall of said recess extending continuously around the stem and rib and fitting snugly upon but rotatable relative to the stem and rib, there being openings formed in the link member by casting, the said openings extending to the periphery of the rib.

1,624,442. DANDELION GRUBBER. RUDOLPH B. STASTNY, Wilber, Nebr. Filed July 15, 1926. Serial No. 122,588. 1 Claim. (Cl. 55—148.)



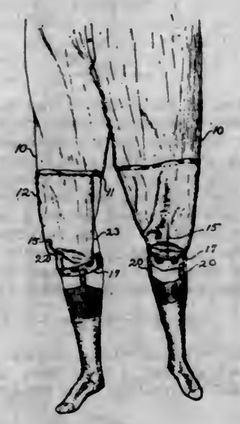
A dandelion grubber of the class described including a handle, a blade having a shank extending at an obtuse angle therefrom and imbedded in one end of the handle and fixed thereto, a picker formed from a single piece of material providing a straight shank piercing a slot in the handle adjacent the blade and pivoted intermediate its ends therein, one end of the straight shank being twisted to merge into a plate, said plate terminating in annularly extending teeth, means for swinging the straight shank and the plate for engaging the teeth thereof with the blade, a leaf spring bent over upon itself intermediate its ends, one end of the spring being fixed to the handle and the other end impinging against the straight shank to normally hold the plate and its teeth away from the blade.

1,624,443. X-RAY FILTER. ANCEL ST. JOHN, Brooklyn, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc., a Corporation of New York. Filed Oct. 20, 1921. Serial No. 509,174. 8 Claims. (Cl. 250—34.)



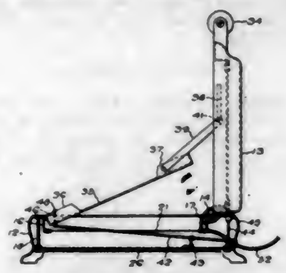
1. A filter for use with X-rays, comprising a fluorescent zirconium compound.

1,624,444. UNDERGARMENT. ROBERT LEE STRONG, Louisville, Ky., assignor to Mildred Speed Strong, Louisville, Ky. Filed May 28, 1924, Serial No. 716,467. Renewed Aug. 31, 1926. 2 Claims. (Cl. 2—78.)



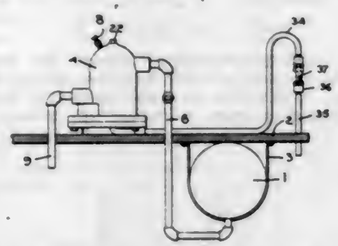
1. An undergarment comprising leg portions, the backs of which terminate a substantial distance above the knees, a front extension carried by each leg portion and extending to a point a substantial distance below the knee, the opposite edges of each extension being substantially straight throughout their length, said extensions being narrowest at their lower ends and being provided with intermediate bulged portions overlying and adapted to snugly fit the knees of the wearer when in a sitting position, a garter band secured to the lower end of each extension and loosely surrounding the leg and hosiery securing means carried by the lower edge of each extension adjacent opposite sides thereof.

1,624,445. ELECTRIC TOASTER AND GRILL. ERNEST E. SUTHERLAND, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 7, 1926. Serial No. 114,108. 9 Claims. (Cl. 219—19.)



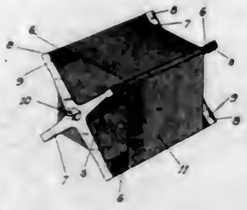
1. In a toaster, the combination with an upper and a lower casing pivotally connected, and heating means in each of said casings, of a material-supporting means associated with said casings, and means actuated by the other of said casings for effecting a tilting movement of said material-supporting means.

1,624,446. TRAP. WILLIAM R. TEMPLETON, Roslindale, Mass. Filed Dec. 2, 1921. Serial No. 519,350. 3 Claims. (Cl. 137—78.)



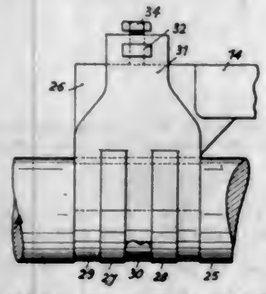
1. In a system for automatically removing liquid from a tank containing gaseous fluid under pressure, the combination with said tank, of a trap assembly situated above the tank and provided with a float chamber, of conduit connecting the bottom of the tank with the upper portion of the float chamber, said float chamber having a continuously open port which allows a slow but continuous flow of compressed gaseous fluid from the tank to the float chamber sufficient to carry with it any liquid which tends to accumulate in the tank, and a float-controlled discharge passage leading from the float chamber.

1,624,447. INDUCTANCE-COIL FRAME. GEORGE A. TURNER, Stockton, Calif. Filed Sept. 28, 1925. Serial No. 59,007. 2 Claims. (Cl. 175—359.)



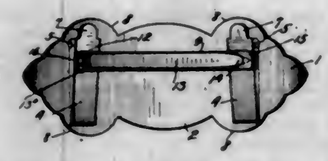
1. A coil frame comprising end spiders each having a plurality of arms radiating from a common center, transversely spaced and parallel ears turned inwardly from the outer ends of the arms, and rigid strips of insulation material, to form supports for a coil winding and to connect the spiders, fitted between the ears and extending between the arms of the two spiders.

1,624,448. ROLLING MACHINE. KARL FRIEDRICH UNGERER, Pforzheim, Germany. Filed June 11, 1925, Serial No. 36,440, and in Germany Dec. 21, 1923. 1 Claim. (Cl. 153—54.)



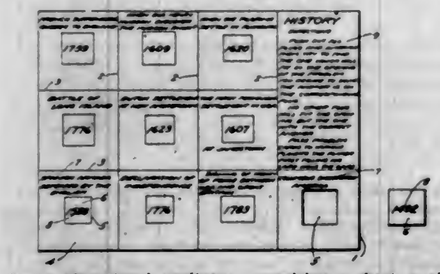
An intermediate support for the rolls of rolling mills, comprising a journal of reduced diameter in a roll, a bearing extending over part of the perimeter of said journal, collars formed on said journal of a diameter equal to that of said roll, caps of resilient material extending over said journal where it is exposed between said collars, and means for holding said caps in position on said journal.

1,624,449. BARRETTE. DELLA L. VAN SICKLE, Cranford, and WALTER H. CAVIN, Elizabeth, N. J. Filed Nov. 23, 1926. Serial No. 150,201. 6 Claims. (Cl. 132—48.)



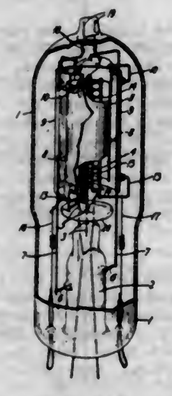
1. A barrette comprising an ornamental bar, means attached thereto for engaging the hair at the back of the head and clip members at each end of the bar, under which long tresses from the front and sides of the head may be drawn back and secured under said clips, said securing means and clips being concealed by said bar.

1,624,450. EDUCATIONAL APPLIANCE. DAVID VERSHBINSKY, Brooklyn, N. Y. Filed June 7, 1926. Serial No. 114,146. 10 Claims. (Cl. 35—2.)



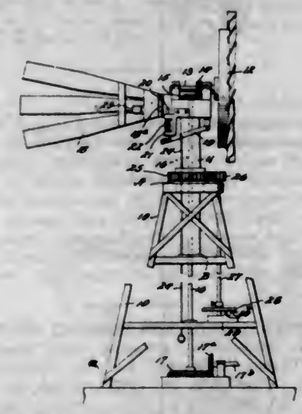
1. An educational appliance comprising a sheet, a plurality of openings therein of approximately the same shape and of different size, pieces fitting into said openings, and data on said sheet and pieces, the size of said openings and pieces being so slightly different as not to be readily distinguishable.

1,624,451. VACUUM TUBE. HOWARD W. WEINHART, Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 9, 1921. Serial No. 459,846. 10 Claims. (Cl. 250—27.5.)



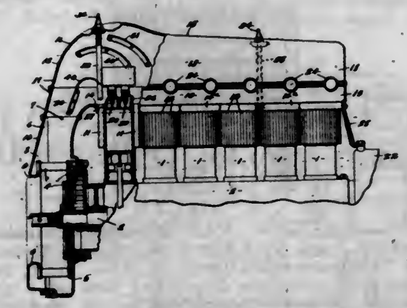
1. An electron discharge device comprising a vessel, a tubular insulating member, metallic means for supporting said member within said vessel out of contact therewith, and a plurality of electrodes within said member, said electrodes being solely supported by said member.

1,624,452. WINDMILL. GEORGE W. WHITEHEAD, Vincennes, Ind. Filed June 26, 1924. Serial No. 722,589. 4 Claims. (Cl. 170—41.)



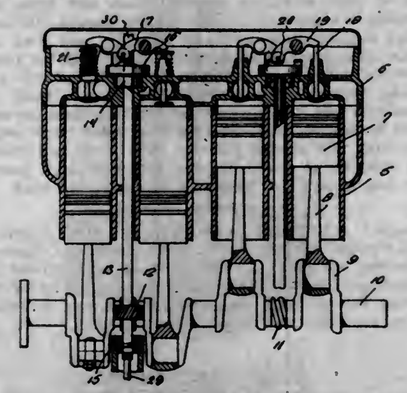
1. In a windmill, a tower, a pedestal rotatably supported thereon, a horizontal shaft carried by the upper end of said pedestal, a wind wheel secured to said shaft, a vertical shaft arranged in said pedestal, gear mechanism between said shafts, a vane pivotally connected to said pedestal and normally free to move relative to said pedestal horizontally, means for locking said vane to said pedestal in a plane parallel to the plane of said wind-wheel, a gear wheel secured to said pedestal, a pinion for said gear wheel rotatably supported on said tower, means for moving said pinion into or out of mesh with said gear wheel and means for rotating said pinion to cause rotation of said pedestal in the tower.

1,624,453. COOLING SYSTEM FOR AIR-COOLED MOTOR VEHICLE ENGINES. JOHN WILKINSON, Syracuse, N. Y., assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y., a Corporation of New York. Filed Aug. 31, 1922. Serial No. 585,333. 29 Claims. (Cl. 123—171.)



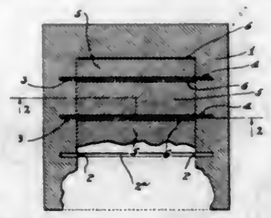
1. In an air cooled internal combustion engine, the combination of a plurality of cylinders, a centrifugal fan connected to the crank shaft, the fan casing having upright outlet, passages around the cylinders and individual thereto and an air conduit connected to the fan outlet at the bottom of one end of the conduit, the air conduit being closed at its outer end and extending over the heads of the cylinders and having a free and unobstructed passage above the cylinders whereby air can pass the full width of the air conduit and the cylinders to both sides of and between the cylinders, said passages at their tops being of greater diameter than the cylinders and opening directly through the bottom of the conduit and the conduit being of as great width as the diameter of the passages and means at the entrance end of the conduit for distributing the air to the cylinders throughout the length of the unobstructed passage of the conduit.

1,624,454. INTERNAL-COMBUSTION ENGINE. JOHN H. WILSON, Scottsbluff, Nebr., assignor of one-half to H. Leslie Smith and one-half to August Dormann, jr., Scottsbluff, Nebr. Filed Aug. 27, 1925. Serial No. 52,808. 1 Claim. (Cl. 123—90.)



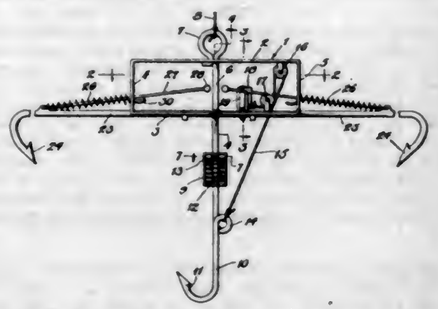
In an internal combustion engine, a cylinder, a pair of valves associated with the cylinder, a rocker arm associated with each valve for operating thereof, a single disc, means for rotating the disc, a pair of cams on the disc for actuating the rocker arms, one cam being located closer to the center of the disk than the other, and means for pivotally mounting the rock arms to extend substantially tangentially to the disc, obliquely to each other, and so that one rocker arm engages one cam and the other rocker arm engages the other cam.

1,624,455. DRY BATTERY. VICTOR YNGVE, South Orange, N. J., assignor, by mesne assignments, to National Carbon Company, Inc., New York, N. Y., a Corporation of New York. Filed May 3, 1924. Serial No. 710,789. 3 Claims. (Cl. 136—111.)



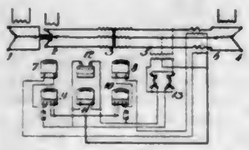
3. In a dry battery, a box of insulating material, a plurality of zinc plates held in said box and dividing it into watertight compartments, a paste coated paper lining covering one side of each zinc plate and a carbon electrode and depolarizing material in each compartment.

1,624,456. FISHING DEVICE. NATHANIEL YOUNG, Hickman, Ky. Filed July 14, 1926. Serial No. 122,401. 2 Claims. (Cl. 43—89.)



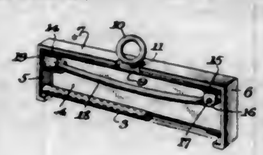
1. In a fishing device of the class described, an elongated supporting frame, a sectional bait hanging hook, a pair of jaws swingably mounted upon said frame and movable in a direction at right angles toward said hook, spring means for automatically actuating said jaws, said frame being provided at its bottom with slots for accommodating portions of said jaws, a retaining device comprising links pivotally mounted upon said frame and cooperable with the jaws for maintaining them normally in an ineffective state, a pivotally mounted latch cooperable with said retaining device, pulleys on said frames, and a flexible element connected with said latch, passing over said pulleys, and connected with said bait hook.

1,624,457. METHOD AND MEANS FOR TESTING ELECTRIC MACHINERY. ARLE YTTERBERG, Vasteras, Sweden, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden, a Corporation of Sweden. Filed Feb. 18, 1921. Serial No. 446,076, and in Sweden Dec. 11, 1920. 11 Claims. (Cl. 175—183.)



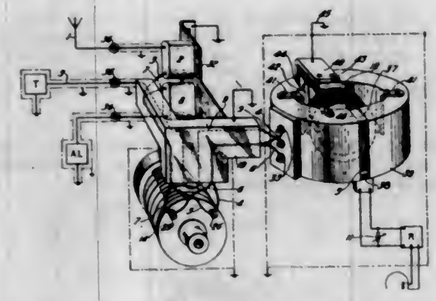
2. Method of testing dynamo-electric machinery consisting in impressing thereupon a voltage composed of two voltage components the frequencies of which differ from each other by a low number per second.

1,624,458. JEWELRY. SAMUEL KURTZ ZOOK, Lancaster, Pa. Filed June 18, 1926. Serial No. 116,892. 1 Claim. (Cl. 40—1.5.)



A plate, sides and a top for the plate, a ribbon carrying an insignia depending from the plate, a rod mounted on the rear of the plate near the top, a sleeve rotatably mounted on the rod at its middle, an eye on the sleeve so as to rest against the back of the plate or to project through an aperture in the top, a second sleeve rotatably mounted on the rod at one end, an arm on the second sleeve carrying a pin, a third sleeve rotatably mounted on the rod at its other end, a keeper for the pin on the third sleeve so that the pin and keeper may rest against the rear of the plate and be hidden or project rearwardly of the top.

1,624,459. SHIELDING AND BALANCING MEANS. WILLIAM J. ADAMS, Irvington, N. Y., and ARTHUR HADDOCK, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 13, 1920. Serial No. 430,429. 7 Claims. (Cl. 250—9.)



1. Means for preventing sidetone in a duplex high frequency system comprising a single open-circuit antenna a transmitter and a receiver operatively connected to said antenna, said receiver including means for balancing the electrostatic effect of the transmitter circuit on the receiver circuit with an equal and opposite electrostatic effect, and means for simultaneously balancing the electromagnetic effect of the transmitter circuit on the receiver circuit with an equal electromagnetic effect.

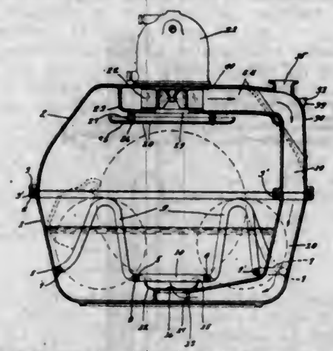
1,624,460. DEPOLARIZER FOR PRIMARY BATTERIES. GEORGE W. ARMSTRONG, Fremont, Ohio, assignor to National Carbon Company, Inc., a Corporation of New York. Filed Feb. 28, 1925. Serial No. 12,453. 8 Claims. (Cl. 136—116.)

1. A depolarizing substance for electric batteries comprising copper oxid and sulfur combined therewith in a form insoluble in the electrolyte, said substance being substantially free from sulfur compounds soluble in the electrolyte.

1,624,461. DISHWASHING MACHINE. PERCY E. BARKER, Cleveland, Ohio, assignor, by mesne assignments, of one-half to Arthur B. Betz, Shaker Heights Village, Ohio. Filed Dec. 17, 1921. Serial No. 523,117. 10 Claims. (Cl. 141—9.)

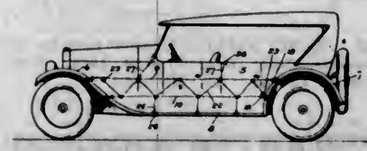
2. A dish washing machine comprising a casing for holding dishes, means in the upper part thereof for

withdrawing air from the upper part of the casing, and a conduit communicating with the discharge side of said



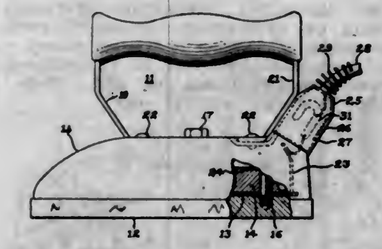
means and open to atmosphere and communicating with the lower part of the casing for the passage of vapor or air therethrough.

1,624,462. LUGGAGE CARRIER FOR AUTOMOBILES. JOHN W. BEMENT, Venice, Calif. Filed Nov. 3, 1924. Serial No. 747,623. 9 Claims. (Cl. 224—29.)



9. A luggage carrier for automobiles comprising two longitudinal members, cross members in sliding connection with the longitudinal members and extending in a zigzag manner between the same, and means for fastening the carrier to an automobile in cooperative relation to the running board thereof.

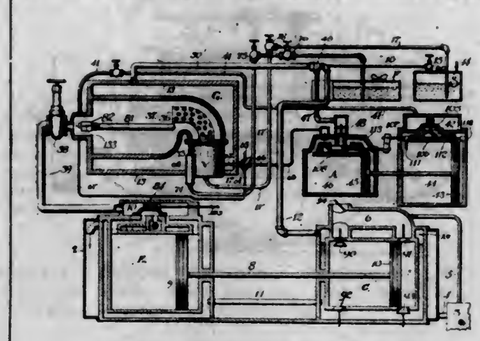
1,624,463. INDICATING FLUID-CIRCUIT INTERRUPTER. HERMAN M. BIEBEL, Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 10, 1922. Serial No. 559,691. 4 Claims. (Cl. 200—167.)



1. A circuit-interrupter comprising a closed transparent tube, a normally continuous column of conducting fluid therein, and neon gas in said tube for luminously indicating a break in said column of conducting fluid.

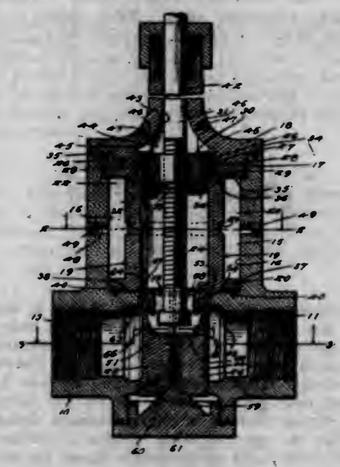
1,624,464. MOTIVE-FLUID GENERATOR. MILTON EUGENE BIGELOW, Warren, Ariz. Filed July 14, 1920. Serial No. 396,167. 29 Claims. (Cl. 60—46.)

1. A device of the character described comprising a generator for forming a motive fluid, an engine cylinder and valve mechanisms for controlling the flow of said fluid into the engine, the engine including a piston, an air compressor operated by the engine piston including an air and water intake manifold with valve mechanism leading into the compressor cylinder, means for automatically shifting the valve of the engine cylinder, a water jacket enveloping both cylinders and the motive fluid



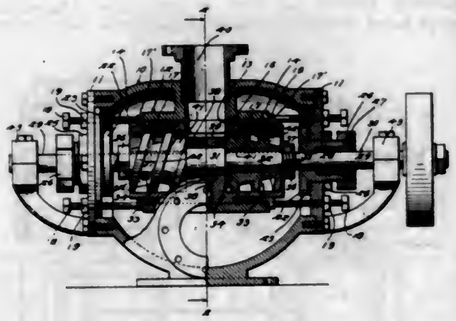
generator including a compartment into which the air compressor forces water and air in which they are separated for subsequent use in the motive fluid generator, an air jacket in communication with said water jacket to receive the compressed air, and a duct and bore respectively in the air jacket and generator establishing communication between the air jacket and the generator.

1,624,465. GATE VALVE. LEE J. BLACK, Beaumont, Tex. Filed July 13, 1926. Serial No. 122,261. 11 Claims. (Cl. 251—72.)



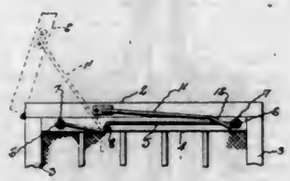
1. In a gate valve, a casing having a seat, a gate for coacting with the seat, the casing having a recess into which the gate may be withdrawn, a stem for shifting the gate from the seat to the recess, said gate being formed in two separable sections having a compressible gasket arranged therebetween, the sections of the gate and the walls of the recess having engagement with one another whereby the sections of the gate are forced into engagement with one another to thereby compress the gasket and seal the space between adjacent faces of the gate as the gate is drawn into the recess.

1,624,466. SCREW PUMP. LEE J. BLACK and ERNEST E. SWOPE, Beaumont, Tex. Filed Sept. 16, 1926. Serial No. 135,871. 8 Claims. (Cl. 103—92.)



1. In a screw pump, a barrel having heads at least one of which is removable, a shaft rotatably directed through said heads, a liner support within the barrel and surrounding the shaft, a liner sleeve supported by the liner support and likewise surrounding the shaft and having engagement with the support centrally thereof whereby it is held against rotation with relation to the support, the adjacent faces of the end portions of the sleeve and support being spaced to provide packing spaces, followers engaged in the ends of the packing spaces, means adjustable through said heads for shifting the followers and spaced opposed worms mounted upon the shaft within the sleeve.

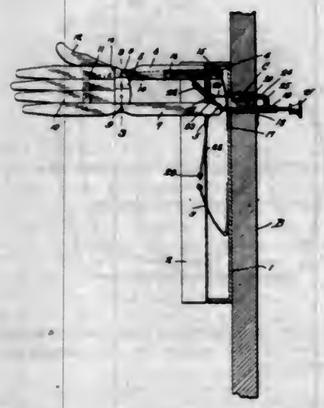
1,624,467. TOP SUPPORT FOR CRIBS. CHARLES H. BOARDMAN, Columbus, Ohio. Filed June 1, 1925. Serial No. 33,929. 1 Claim. (Cl. 217—60.)



The combination with a container having a hingedly connected top, of a rod having eyes upon its ends serving to secure the rod upon one end of the container in lateral spaced relation thereto, said rod having a shoulder formed intermediate its ends, an arm having one end pivotally connected with the top and having its other end formed with an angularly disposed closed loop for confining the rod and being capable of sliding from end to end thereon and to intimately engage the shoulder when it is desired to hold the top in an open position.

1,624,468. AUTOMOBILE SIGNAL. ELMER ELLSWORTH BOWER, Rochester, Minn. Filed Feb. 5, 1926. Serial No. 86,270. 5 Claims. (Cl. 116—41.)

1. A device of the class described including a housing, a door therefor, a foldable signal arm pivotally mounted within and normally extended laterally from the housing, an operating member slidably and pivotally mounted, means actuated by the sliding movement of said member for folding the signal arm into the housing, independently of the movement of the door, means operated by the pivotal movement of the member for closing the housing, said member when brought to the limit of its



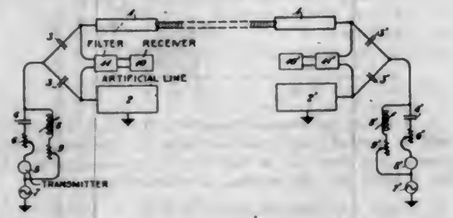
swinging movement in one direction constituting means for locking the arm in folded position and for holding the housing closed.

1,624,469. GAME BOARD. GEORGE EDWARD BROWN, Los Angeles, Calif. Filed June 24, 1926. Serial No. 118,273. 3 Claims. (Cl. 273—85.)



1. In combination, a game board simulating, in miniature, the game of hockey, having fixed obstructions positioned thereon and having provided a mobile game piece known as a puck together with suitable minature sticks or clubs designed to move or manipulate said puck, also having provided a transparent top or cover with suitable space provided between said top or cover and obstructions and sides of game board inclosure to allow for the restricted movement or manipulation of said sticks or clubs.

1,624,470. SIGNALING CONDUCTOR SYSTEM AND METHOD OF OPERATION. OLIVER E. BUCKLEY, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 19, 1922. Serial No. 582,875. 27 Claims. (Cl. 178—45.)

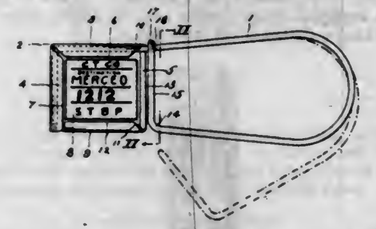


1. The method of duplex operation of a signaling conductor having variability of impedance as a function of current, which comprises applying a sending voltage so low that it brings unbalanced interference down to the same order of magnitude as external interference.

1,624,471. PROCESS FOR FORMING ARTICLES FROM COMMINUTED MATERIAL. HILLHOUSE BUEL, Seattle, Wash., assignor of one-half to William P. Hammond, Scarsdale, N. Y. Filed Oct. 10, 1917. Serial No. 195,726. 13 Claims. (Cl. 92—54.)

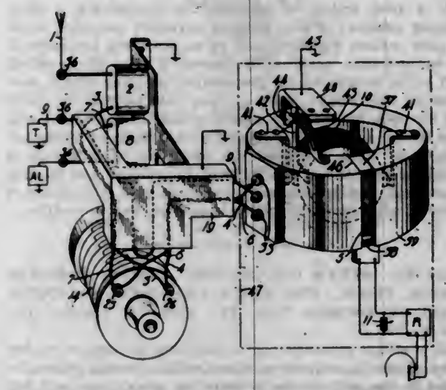
1. The process of making articles from comminuted material the first step of which consists in forcing a fluid mass against a foraminous mold wall to deposit thereon the comminuted material in said mass to form the wall of the article, the second step of which consists in introducing gas into the mold to maintain the comminuted material in position on the mold and to abstract a material percentage of the original moisture therefrom, and the third step of which consists in increasing the pressure of said gas to further compact the deposited material.

1,624,472. BAGGAGE-CHECK HOLDER. ROBERT M. BUNCE, Portland, Oreg., assignor to Hancock Bros., San Francisco, Calif., a Corporation of California. Filed Oct. 13, 1926. Serial No. 141,285. 5 Claims. (Cl. 40—17.)



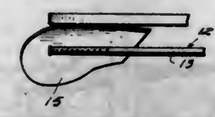
1. A baggage holder comprising a plate adapted to hold a check; a spring loop having one of its ends fixed to said plate and its other end adapted to detachably engage said loop adjacent said plate and retain said check in said plate.

1,624,473. HIGH-FREQUENCY SIGNALING SYSTEM. LEWIS MASON CLEMENT, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 8, 1921. Serial No. 520,846. 13 Claims. (Cl. 250—9.)



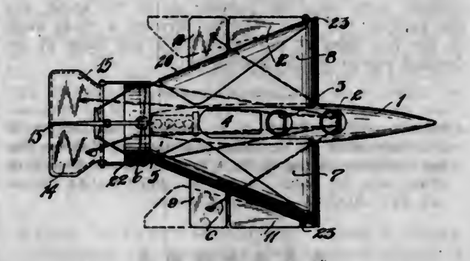
1. In a duplex system, a hollow annular shield enclosing a primary winding, means for spacing the primary from said shield, a slot in the said shield to prevent short-circuit currents therein and a ground connection connected to said shield diametrically opposite to said slot.

1,624,474. GRASS AND WEED DESTROYER. JOHN H. CLIPPERTON, Windom, Minn. Filed Feb. 25, 1926. Serial No. 90,624. 1 Claim. (Cl. 111—7.)



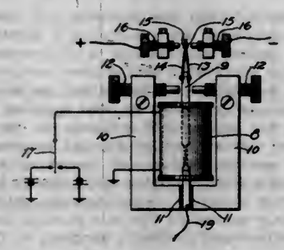
A grass and weed destroyer including a soil turning implement having a moldboard, and a perforated steam discharging pipe disposed longitudinally of and within the curvature of the moldboard and spaced therefrom whereby the grassy face of the turf will slide over the steam emitting portion of said pipe as said turf is turned by the moldboard.

1,624,475. FLYING MACHINE. LEONARD F. COE, Veradale, Wash. Filed June 12, 1926. Serial No. 115,663. 3 Claims. (Cl. 244—18.)



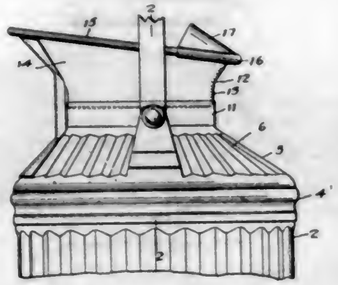
1. The combination in a flying-machine with its central longitudinally extending fuselage of lateral supporting planes forming funnels at the sides of the fuselage and provided with open front and rear ends, said rear ends merging into a single opening, and a propeller casing formed at the rear of the opening as an extension of the funnels.

1,624,476. CONTACT DEVICE. GEORGE C. CUMMINGS, Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 8, 1922. Serial No. 550,708. 8 Claims. (Cl. 200—87.)



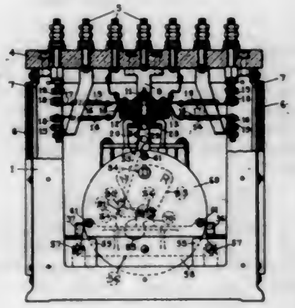
1. In an electromagnetic mechanism, a contact device comprising a movable element, and a pair of spring members secured to said element and having their free ends in frictional engagement with each other to prevent their vibration at their natural periodicity upon the operation of said movable element.

1,624,477. MEASURING BUCKET OR VESSEL. AUGUSTINE DAVIS, Jr., Cincinnati, Ohio. Original application filed Nov. 16, 1925, Serial No. 69,358. Divided and this application filed Oct. 5, 1926. Serial No. 139,579. 3 Claims. (Cl. 221—1.)



1. In a bucket, a straight pouring neck of elliptical area, and a flaring spout, the straight neck joining by a gradual curve with the pouring lip of the spout, and the flare of the spout varying between a steep angle at the two sides of the ellipse to a low angle at the forward portion of the pouring lip.

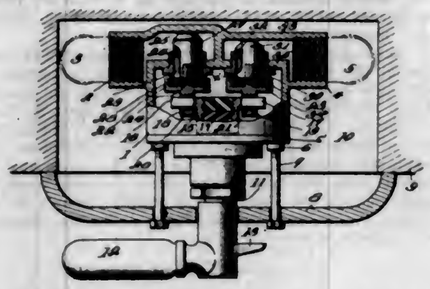
1,624,478. UNIVERSAL A. C. RELAY. SALISBURY M. DAY, Rochester, N. Y., assignor to General Railway Signal Company, Gates, N. Y., a Corporation of New York. Filed Aug. 30, 1922. Serial No. 585,212. 11 Claims. (Cl. 177—311.)



1. In a combined relay and indicator, the combination of an electro-responsive device including a member biased to a neutral position and adapted to be actuated in one direction or the other when said electro-responsive device is energized depending on the manner in which it is energized, contacts controlled by said member, an indicator, means for biasing said indicator to one extreme position, which extreme position does not correspond with said neutral position, and means associated with said electro-responsive device engaging said indicator in a manner to positively operate it in one direction only for urging the indicator against its bias to a position corresponding to the position said member is assuming at the time.

1,624,479. MIXING VALVE. EDWARD L. DELANT, Brooklyn, N. Y. Filed Mar. 6, 1925. Serial No. 13,644. 6 Claims. (Cl. 277—18.)

1. A mixing valve comprising a housing having hot and cold water inlets and an outlet, valves controlling the communication between the hot and cold water inlets and the outlet, a removable trunnion connection between the



valves and the operating means, and the hot water inlet so constructed that the cold water valve can not be placed therein and seat itself.

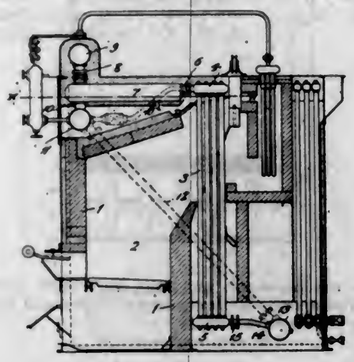
1,624,480. SHOE-SHINING CABINET. JAMES P. DUNN, San Francisco, Calif. Filed Jan. 19, 1926. Serial No. 82,313. 4 Claims. (Cl. 15—265.)



1. A new article of manufacture comprising a shoe-shining cabinet; a foot support pivotally mounted within said cabinet and arranged to be projected horizontally to an operative position to support a shoe being shined and to be moved to an inoperative position within said cabinet; and means mounted upon said support for holding an open box of shoe polish accessible when said support is in an operative position said support being arranged to move and hold the open end of said box of polish against one of the walls of the cabinet and thereby close said box to prevent evaporation of the contents thereof, when said support is in an inoperative position.

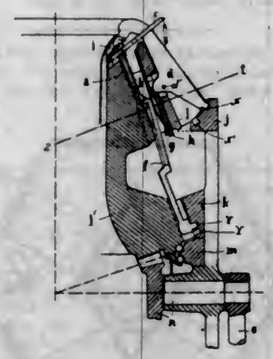
1,624,481. STEAM GENERATOR. CAMILLE DUQUENNE, Paris, France. Filed July 6, 1926. Serial No. 120,719, and in Germany Oct. 13, 1924. 1 Claim. (Cl. 122—336.)

In a steam generator, in combination a furnace, vaporizing elements comprising substantially vertical tubes located in the path of the combustion gases from said furnace, upper and lower headers to which the said vaporizing elements are connected, horizontal, longitudinal cylindrical members, each of said cylindrical members extending both above and below the normal water line connected to the upper headers of the vaporizing elements, the said members receiving the whole of the water and steam mixture produced in the vaporizing elements, a steam chamber arranged transversally above the cylindrical members and connected therewith, a water chamber arranged transversally below the cylindrical members and connected therewitn and a return connection between the said water



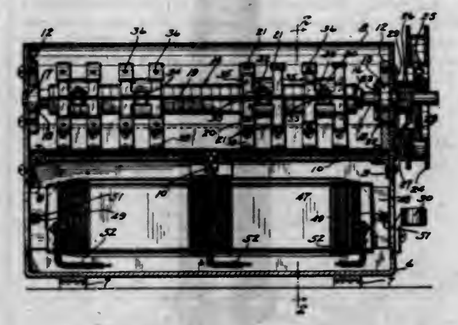
chamber and the lower headers of the vaporizing elements, said transversely arranged steam chamber and water chamber and said cylindrical members being located above said furnace and forwardly of said vertical tubes.

1,624,482. CIRCULAR-KNITTING MACHINE. EUGÈNE HENRI MARIE EMILE DURAND, Paris, France. Filed Aug. 24, 1923, Serial No. 659,230, and in France Aug. 31, 1922. 13 Claims. (Cl. 66—34.)



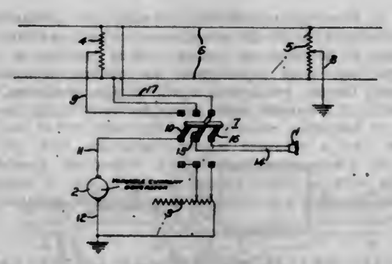
1. A circular knitting machine for shaped tubular articles, comprising a plurality of needles; means for imparting reciprocatory movements thereto; means for guiding the needles during their movements; means for moving half of the needles rearwardly during the lower portion of their reciprocatory movement to the exclusion of the other half; and means for inclining any one of the rearwardly-moved needles laterally so as to cause it to pass behind its neighbor in the excluded half.

1,624,483. CONTROLLING SWITCH. JOHN P. ELLENBECKER, St. Cloud, Minn., assignor to Granite City Electric Company, St. Cloud, Minn., a Corporation of Minnesota. Filed Mar. 5, 1925. Serial No. 13,173. 7 Claims. (Cl. 200—8.)



2. The combination with a housing having in its ends bearings, of a controlling switch including a rotor assembly, said assembly comprising an angular shaft having at one of its ends a short trunnion and at its other end a long trunnion, said trunnions being mounted in said bearings, the length of said shaft being such as to permit the assembly to be moved endwise to withdraw said short trunnion from its bearing, an insulating sleeve that is square in cross section mounted on said shaft, and clamps applied around said insulating sleeve and having contact plates.

1,624,484. BALANCE INDICATOR. ROBERT D. EVANS, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 19, 1922. Serial No. 589,271. 2 Claims. (Cl. 179—175.)



2. In combination, a variable-current generator, an indicating device, a circuit, an impedance bridged across said circuit, and means for connecting said generator to the midpoint of said impedance and said device to said circuit, said means also permitting the independent connection of said device to said generator through a local circuit of variable resistance.

1,624,485. PIPE PROTECTOR. HOWARD J. FERRIS, Harvard, Ill., assignor to Hunt, Helm, Ferris & Company, a Corporation of Illinois. Filed Nov. 30, 1925. Serial No. 72,194. 2 Claims. (Cl. 189—32.)

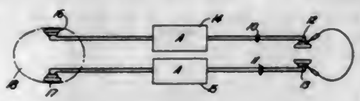
2. In a stall construction for use in a barn and the like, a pipe adapted to have its lower end partially incased in concrete, a sleeve surrounding the lower portion

of said pipe and having inwardly inclined ends one of which tightly fits said pipe to retain said sleeve in place thereon, the central portion of said sleeve being spaced



from said pipe to form an annular space and a port into said space through which a protective liquid may be passed into said space.

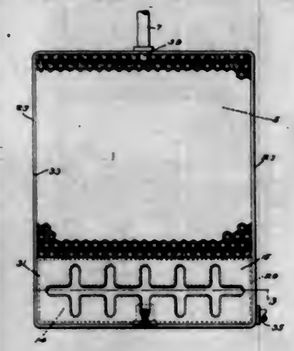
1,624,486. BINAURAL TELEPHONE SYSTEM. HARVEY FLETCHER, New York, N. Y., and LEON J. SIVIAN, Bloomfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 15, 1925. Serial No. 37,050. 16 Claims. (Cl. 179—1.)



1. A binaural transmission system for transmitting sound substantially distortionlessly and for enabling the listener to perceive the sounds both in relation to their source and with naturalness as though transmitted through the air, comprising a pair of pick-up transmitters mounted in a dummy head, means for amplifying sound, a pair of telephone receivers, one for each ear of said listener, and a separate circuit connecting each of said pick-up transmitters through a respective amplifying means with a corresponding receiver, each of said elements affording substantially distortionless operation.

1,624,487. HEAT-INTERCHANGE APPARATUS. GEORGE A. FOISY, Lowell, Mass., assignor, by mesne assignments, to Winchester Repeating Arms Company, New Haven, Conn., a Corporation of Connecticut. Filed Feb. 13, 1926. Serial No. 88,132. 1 Claim. (Cl. 257—128.)

A condenser having a condensing chamber formed by a plurality of thin walled tubular members with enlarged closely fitting hexagonal ends bonded together to form front and rear walls and having a liquid receiving chamber below the condensing chamber formed by front and rear plates with inturned flanged edges, the upper flanged edges of the plate being bonded to the enlarged ends of the lowermost tubular members, said plates being corrugated to increase their strength, a continuous band extending around the condenser binding said tubular member and plates together and forming the side walls of the condenser, said band being bonded at its edges to the enlarged ends of the tubular conduits and to the end and bottom flanged edges of said plates thereof to avail of the tensile strength of the band in preventing rupture of the bonded joints under the effect of fluid pressure



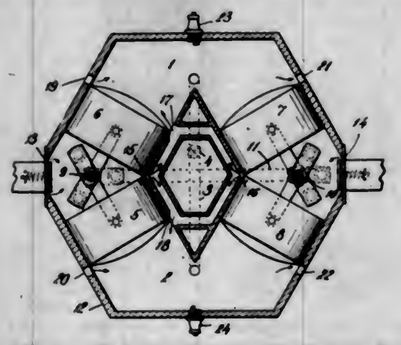
within the condenser, and inlet and outlet orifices in said band opening into said condenser and said liquid receiving chamber respectively.

1,624,488. DIBBLE. GEORGE L. FORD, Java, Va. Filed Aug. 6, 1925. Serial No. 48,500. 2 Claims. (Cl 55—67.)



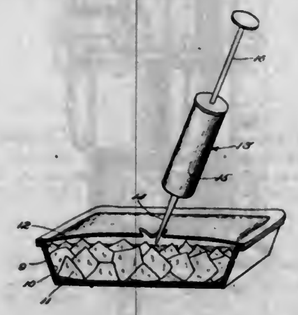
1. A dibble comprising a frame member having depending ridge forming members contacting with the ground, said frame member having lug members forming a journal, parallel bars journaled in said lugs, a revoluble dibble wheel journaled between the open ends of said bars, and yieldable means carried by said frame for urging said dibble wheel to contact with the ground.

1,624,489. INTERNAL-COMBUSTION ENGINE. ERICH JUNGE, Staten Island, N. Y. Filed Feb. 18, 1925. Serial No. 9,935. 4 Claims. (Cl. 123—53.)



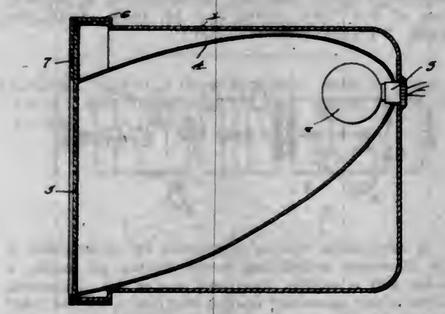
4. An internal combustion motor comprising a plurality of cylinders set at an angle one to the other in substantially annular arrangement, a piston working in each of said cylinders, a common crank shaft for the piston of each pair of cylinders, combustion chambers between one piston of each pair and the adjacent piston of the adjacent pair, separate fuel and air inlet ports at one end, respectively, of each of said combustion chambers, exhaust ports at the other ends thereof, said ports being arranged to open and close by the movement of said pistons, compression chambers formed by the piston of each pair, and passages from said compression chambers to the air inlet ports of said combustion chambers.

1,624,490. METHOD OF MAKING PIES. WILLIAM J. KASEN, Chicago, Ill. Filed Dec. 10, 1925. Serial No. 74,491. 5 Claims. (Cl. 107—54.)



1. The hereindescribed method of making a pie which consists in removing juice from a filler, thereafter baking the filler within a crust, and then supplying the juice to the filler.

1,624,491. AUTOMOBILE HEADLIGHT. LEO N. KENWARD, Lakewood, Ohio. Filed May 18, 1926. Serial No. 109,918. 1 Claim. (Cl. 240—41.)

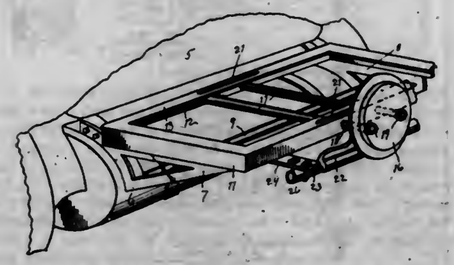


In a headlight and in combination, a reflector closed at its rear end and open at its forward end and tapered toward said rear end and generally inclined downwardly and forwardly, a lamp in the rear end portion of the reflector, and a lens opposed to and arranged about the forward open end of the reflector and having an upper fully transparent vertical central portion, the upper part of which is in the same horizontal plane as the horizontal center of the lamp, and also having a major portion below and at opposite sides of the fully transparent portion; the said major portion being of a character to retard the passage of light rays with a view to averting glare, and the combined area of the fully transparent portion and the said major portion of the lens corresponding to the area of the forward end of the reflector, with a lens holder mounted on the forward portion of the casing and having a front flange, said flange tapered in width from the upper portion of its vertical median line to the lower portion of said vertical median line and having the lower edge of its upper portion flush with the forward end of the upper portion of the reflector.

1,624,492. PAPER MANUFACTURE. ARTHUR D. LITTLE, Brookline, and CARROLL E. CARPENTER, Melrose, Mass., assignors to Arthur D. Little, Inc., Boston, Mass., a Corporation of Massachusetts. Filed Mar. 30, 1925. Serial No. 19,283. 12 Claims. (Cl. 92—3.)

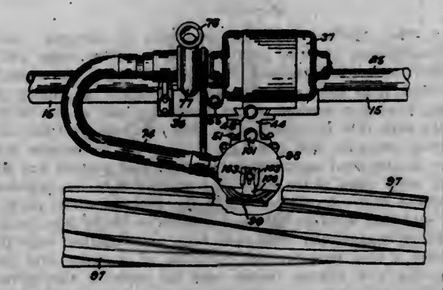
1. The method of making newsprint paper from a fiber furnish consisting of southern gumwood ground pulp and southern pine sulphate pulp, which consists in modifying said furnish by incorporating colloidal cellulose therewith, in substantially the proportions specified, and then forming said modified furnish into a paper web.

1,624,493. LUGGAGE CARRIER. WALTER R. MALM, San Francisco, Calif. Filed Mar. 11, 1926. Serial No. 93,964. 2 Claims. (Cl. 224—29.)



1. In a luggage carrier adapted to be attached to a vehicle, a substantially rectangular frame constructed of angle iron and having downwardly extending webs, a pair of spaced re-enforcing elements extending between said webs and to a point beyond the outer margin of one of said webs, said reenforcing elements comprising bars and spacer tubes placed thereover and extending between said webs, a tubular spacer positioned on each of said bars with said bars extending beyond said webs, a tire-carrying element positioned on said bars, and means for drawing said tire-engaging elements against said tubular spacer, for the purpose specified.

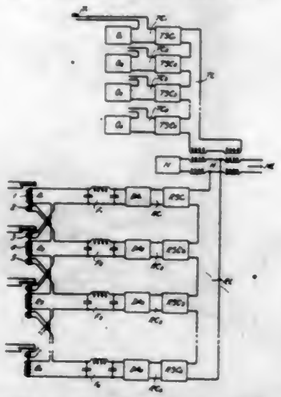
1,624,494. GRINDING MECHANISM. HOWARD MASON, Framingham, and WALTER BIXBY and HUGH LEWIS BOGAN, Jr., Boston, Mass., assignors to Shawmut Engineering Company, Dorchester, Mass., a Corporation of Massachusetts. Filed Jan. 30, 1926. Serial No. 84,939. 7 Claims. (Cl. 51—249.)



1. In combination with a tuft fabric loom having a pair of opposed knives and a cross shaft adjacent and substantially parallel with the latter, mechanism for grinding said knives, comprising an elongated tubular supporting element, a track extending along and secured to said element, a plurality of brackets readily detachably securable to said cross shaft, means connecting each bracket to said supporting element in a manner permitting adjustment of the latter transversely of said shaft,

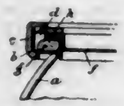
and a grinder carriage having a grinder thereon, said carriage mounted for movement along said track with said grinder in working engagement with one or the other of said knives selectively.

1,624,495. CARRIER-WAVE SIGNALING. ROBERT C. MATHES, Wyoming, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Apr. 3, 1925. Serial No. 20,376. 8 Claims. (Cl. 178—51.)



1. In a multiplex carrier wave signaling system, a circuit for receiving carrier waves of different frequencies, a plurality of receiving channels associated therewith, a translating device in each of said channels controlled in accordance with waves of a particular frequency, and means associated with the translating device of each channel for preventing the actuation thereof by waves of another frequency.

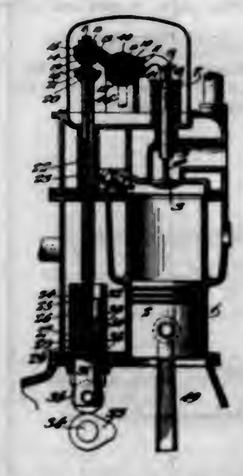
1,624,496. METHOD OF FORMING COVER-HOLDING RING SEATS FOR CONTAINERS. ALFONS MAUSER, Cologne-Marienberg, Germany. Filed Dec. 12, 1925, Serial No. 75,133, and in Germany Sept. 7, 1925. 6 Claims. (Cl. 113—116.)



1. The herein described method of shaping and strengthening the end portion of a container body, provided with longitudinal corrugations and contracted toward such end portions, which consists in placing a ring having a predetermined profile on one of its faces with said face in engagement with said end portion, applying pressure and a drawing operation to smooth out the longitudinal corrugations on such end portion and at the same time shape such end portion into an annular profiled shape corresponding to the predetermined profile of said ring whereby said end portion is forced into interlocking engagement with said ring, and together with it, forms a ring seat for the reception of a cover with its packing and locking means and the ends of the corrugations adjacent to said end portion form a shoulder against which the inner edge of said inner ring abuts.

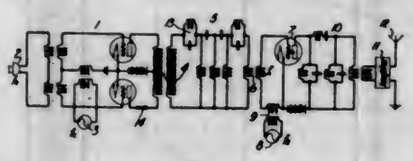
1,624,497. AUTOMATIC VALVE ADJUSTER AND SILENCER. ELLIS H. MCALLISTER, Moorestown, N. J. Filed Mar. 27, 1926. Serial No. 97,825. 7 Claims. (Cl. 123—90.)

1. In a device of the character stated, a valve, a valve stem therefor, a rocker arm tube, a rocker arm on said tube, a cam shaft, a valve tappet composed of a plurality of pistons having a lubricant chamber between their juxtaposed ends, actuated by said cam shaft hollow connec-



tions intermediate said rocker arm and said pistons and forming a continuous internal passage from said rocker arm tube to said lubricant chamber between said pistons and a check valve arranged in said passage.

1,624,498. MODULATING SYSTEM. FRANKLIN MOHR, New York, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Jan. 15, 1925. Serial No. 2,486. 5 Claims. (Cl. 179—171.)

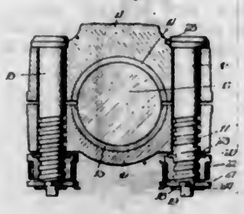


1. A modulating system comprising in combination, a space discharge modulating device having an anode, a cathode and a control electrode, means for impressing simultaneously upon said control electrode a carrier wave and a band of signal waves, whereby there are generated in the space path of said device side bands of waves having frequencies differing from the carrier wave frequency by the frequencies of the signal waves, and a broad band wave filter connected to said anode and said cathode adapted to transmit selectively one of said side bands to a load impedance, said wave filter being so arranged as to present substantially zero impedance to waves of the frequencies of said carrier wave and said signal waves and to present to the selected wave modulation products a resistance substantially equal to the normal internal resistance of the modulating device.

1,624,499. WEAR-COMPENSATING BOLT. GUSTAV C. MONCKMEIER, Chicago, Ill. Original application filed May 14, 1924, Serial No. 713,151. Divided and this application filed Mar. 12, 1926. Serial No. 94,136. 5 Claims. (Cl. 85—32.)

3. In a device of the class described, a bolt having a threaded portion, a non-circular portion beyond the threaded portion and a circular portion beyond the non-

circular portion, a nut positioned on the threaded portion, a washer positioned on the non-circular portion and having a non-circular bore which will rotate on the circular portion but will interfit with the non-circular portion, a coil spring secured at its opposite ends to the



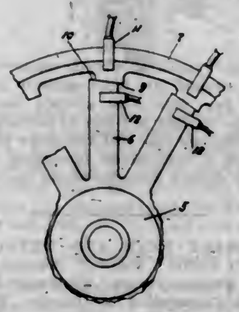
nut and washer, and a cotter pin passing through a transverse aperture in the circular portion for holding the washer in position on the non-circular portion after it has been rotated on the circular portion to tension the spring.

1,624,500. COMPOSITE RUBBER SOLE. ALBERT LINN MURRAY, Auburn, Ind. Filed May 28, 1925. Serial No. 33,423. 3 Claims. (Cl. 36—14.)



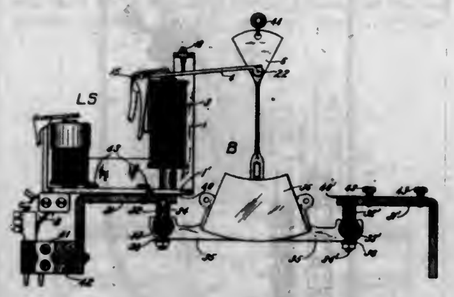
1. A rubber sole for boots and shoes consisting of a rubber tread having a backing formed of raw milled rubber inseparably secured to the tread, the exposed face of the backing being adapted to be readily attached by the solvents in rubber cement for securing the sole of the leather sole of the boot or shoe.

1,624,501. METHOD OF WELDING. EMIL A. NELSON, Detroit, Mich. Filed Mar. 17, 1926. Serial No. 95,179. 1 Claim. (Cl. 78—92.)



The method of welding a plurality of wheel spokes to a wheel rim which consists of providing lugs on the rim with diagonal faces, providing a spoke and hub assembly, the spokes rigid with the hub, and providing the ends of the spokes with diagonal faces, providing the spokes and lugs of such length that when one of the units is rotated to align the spokes and lugs the contacting diagonal faces as they come together will slide upon each other under pressure due to the resulting wedging action, and heating the faces of the lugs and spokes and rotating them relative to each other into alignment.

1,624,502. AUTOMATIC SWITCH MOUNTING. HERBERT F. OSBORNELL, River Forest, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed May 11, 1925. Serial No. 29,298. 7 Claims. (Cl. 179—27.5.)



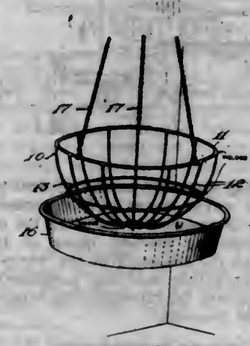
1. In an automatic telephone system, a line switch bank and a line switch arranged to plunge into said bank to establish connections therein, a common mounting plate on opposite sides of which are mounted said line switch and bank, said bank being mounted by means of a grooved rod into which a member of the bank slips and by means of which the bank is located in one direction, and a means comprising a spacing washer and machine screw for locating said rod in another direction with respect to said mounting plate.

1,624,503. TEMPLE ROLL. JOHN J. O'CONNELL, Milford, Mass., assignor to Hopedale Manufacturing Company, Milford, Mass., a Corporation of Massachusetts. Filed May 18, 1926. Serial No. 109,873. 5 Claims. (Cl. 139—296.)



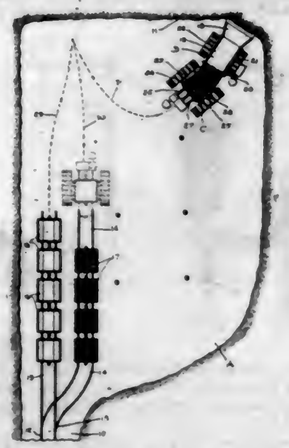
1. A temple roll having a body covered with a layer of cork.

1,624,504. FLOWER HOLDER. JOHN H. PFARR, Newark, N. J. Filed Oct. 21, 1925. Serial No. 63,809. 3 Claims. (Cl. 47—35.)



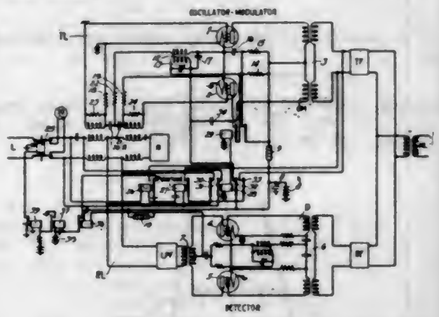
1. A flower holder comprising a wire cup-like cage and a flat cup-like receptacle of larger diameter than the cage, the cage being secured with its bottom on the bottom of the receptacle.

1,624,505. METHOD OF MINING COAL. ERNEST C. PRATT, Minneapolis, Minn. Filed Mar. 20, 1926. Serial No. 96,221. 6 Claims. (Cl. 214—152.)



1. The method of mining coal which consists in accumulating coal in a loader at the face of a room having a number of tracks, in removing an empty pit car from one track and moving it to a position remote from said tracks and adjacent said loader, discharging the coal from said loader directly into said pit car, and of moving such loaded pit car to a second track.

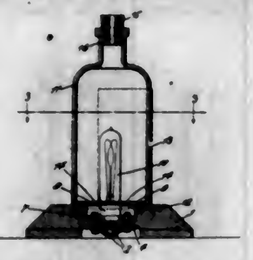
1,624,506. CARRIER-WAVE SIGNALING SYSTEM. HAROLD M. PRUDEN, Wyoming, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 25, 1925. Serial No. 18,125. 10 Claims. (Cl. 179—4.)



1. In a signaling system, a carrier channel including a source of carrier waves, means in said channel for suppressing a range of frequencies including the carrier and for freely transmitting another range of frequencies, means for shifting the frequency of the waves from said source to a point within said last mentioned range of frequencies, and means for intermittently interrupting the waves of changed frequency.

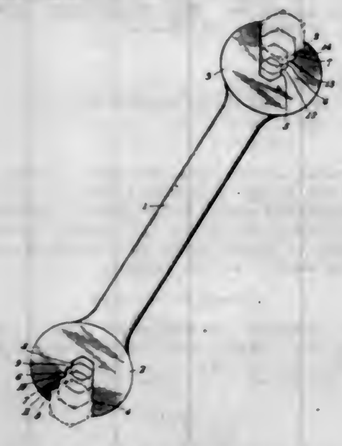
1,624,507. ADVERTISING DISPLAY DEVICE. FRED A. REID, St. Louis, Mo. Filed Feb. 24, 1925. Serial No. 11,249. 2 Claims. (Cl. 40—126.)

1. An advertising device comprising a base having a recess in its upper side, a lamp socket secured to said base in said recess, a lamp extending upwardly from said socket, a removable cover for said recess and for said socket supported by the base at the sides of said recess



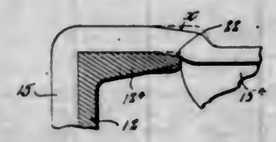
and extending to said socket, and a bottle having an open lower end supported by the base and enclosing said cover and said lamp.

1,624,508. WRENCH. FRANK C. REILLY, New York, N. Y. Filed Oct. 2, 1925. Serial No. 60,002. 2 Claims. (Cl. 81—119.)



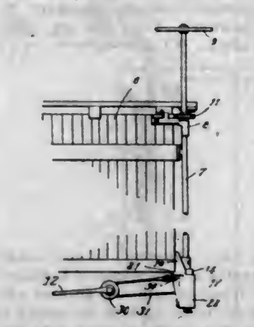
1. A fixed jaw ratcheting wrench comprising a straight jaw face and stepped jaw faces opposite and parallel to said straight jaw face, said stepped jaw faces being spaced from the straight jaw face to accommodate a series of nuts of increasing size and the steps connecting said jaw faces being of successively increasing length toward the end of the wrench accommodating the nuts of larger size.

1,624,509. BRAKE BEAM AND METHOD OF CONSTRUCTING SAME. ALBIN P. RISSLER, Chicago, Ill., assignor to Chicago Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 16, 1925. Serial No. 15,936. 10 Claims. (Cl. 188—231.)



1. In a brake beam construction, the combination of a flanged beam member having transverse depressions in the toe portions of the flanges thereof, and a U-shaped strut member embracing said beam member and having depressed portions seated in said depressions of said beam member, thereby preventing lateral movement of said strut member relatively to said brake beam member.

1,624,510. HAND BRAKE FOR RAILWAY CARS. FRANK C. RUTZ, Rockford, Ill. Filed Feb. 6, 1926. Serial No. 86,398. 6 Claims. (Cl. 254—149.)



1. A hand brake for railway cars comprising, in combination, a drum adapted to be rotated by the brake shaft, a wire rope cable connected to the drum and adapted to be connected to the brake rigging, and means including a housing for causing the cable to wind spirally on the drum when it is rotated for applying the braking force and for confining the cable, when the brake shaft is released, from expansion around the drum within a limit within which the cable is positively maintained in operative spiral relation to the drum so that one coil cannot cross another.

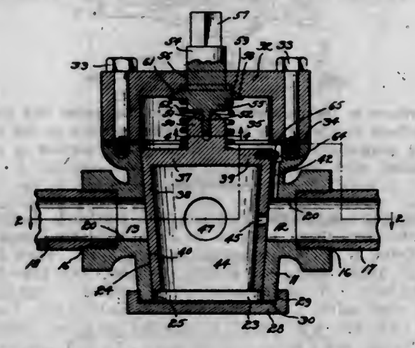
1,624,511. MICROPHONIC RELAY. HELMUT SELL, Berlin-Siemensstadt, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, Germany, a Corporation of Germany. Filed May 6, 1925, Serial No. 28,447, and in Germany Sept. 13, 1924. 10 Claims. (Cl. 179—171.)



1. In a microphonic relay a radially stretched metal foil diaphragm, a disc-shaped iron armature centrally located upon the foil, an operating magnet comprising an outer annular pole and an inner pole stud, the inner pole being spaced from the outer pole so that only a narrow annular air gap separates the poles, said armature being of sufficient size to bridge said annular gap.

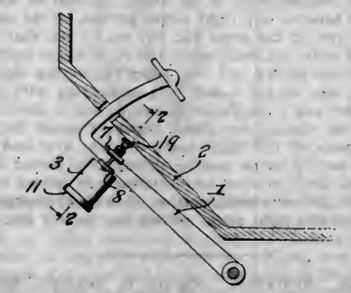
1,624,512. HIGH PRESSURE COCK HAVING AUTOMATIC SEATING PLUG. MARION R. SHIPLEY, Manhattan Beach, Calif., assignor, by mesne assignments, to Oil Appliance Manufacturing Corporation, Los Angeles, Calif., a Corporation of California. Filed Feb. 2, 1925. Serial No. 6,299. 1 Claim. (Cl. 251—98.)

A cock comprising: a body having a central chamber in the side walls of which is formed a frusto-conical seat, inlet and outlet ports being formed in said body and opening from said seat; a frusto-conical plug shell adapted to fit said seat to close the opening of said ports into said chamber, there being openings in said shell which by the rotation of said shell may be brought into registry with said ports to set up a passage between said ports through said shell, said shell being open at its end of smaller diameter, a passage being formed in the wall of said shell which communicates directly between the interior of said shell and said inlet port when said shell is rotated to place said openings out of registry with said ports; a head provided upon said plug shell to close its end of larger diameter; a closure provided upon said body for closing said central chamber at its end of smaller diameter; a cap provided upon said body to



close said central chamber at its end of larger diameter, said cap being shaped to provide a plug shell seating pressure chamber co-extensive with the larger end of said central chamber, there being a duct formed in said body to communicate between said inlet port and said pressure chamber; a valve stem rotatably disposed in a central opening in said cap and by which said shell plug may be rotated.

1,624,513. CLUTCH CONTROL. ANDREW SMITH, Milwaukee, Wis. Filed May 1, 1926. Serial No. 106,014. 5 Claims. (Cl. 192—109.)

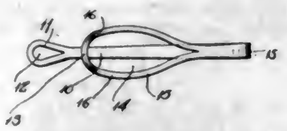


1. A clutch control device for automobiles comprising a cylindrical member adapted to be bodily carried by a clutch lever, means carried by said member for engaging said lever, said member having a cylindrical portion, and a piston mounted within said cylindrical portion and having a projecting piston rod provided with a head located externally of said cylindrical member, said cylindrical member having a bottom portion provided with a restricted aperture.

1,624,514. TIE CLASP. ARTHUR J. SMITH, Tappan, N. Y., assignor to James F. Doolan Manufacturing Corporation, New York, N. Y., a Corporation of New York. Filed Apr. 28, 1926. Serial No. 105,216. 1 Claim. (Cl. 24—259.)

A neck tie clasp formed from a blank for tie clasps formed from a strip of sheet metal and having a narrow shank portion and an enlargement at each end, one of said enlargements being of several times the width of the shank and being of substantially oval form, the last mentioned enlargement being punched out in the center to form a loop, said shank being doubled on itself with

the shorter end inclined toward the longer end of the shank, the loop having its sides bent downwardly and its free end bent upwardly, the downwardly bent portions of the loop sides normally having their upper and lower



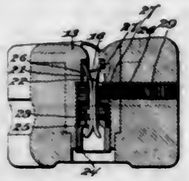
surfaces in the respective planes of the upper and lower surfaces of the shank and the lower surface of the loop end normally contacting with the upper surface of said shank.

1,624,515. HARNESS FOR LOOMS. PHILIP L. SPENCER, Millbury, Mass., assignor to J. H. Williams Company, Utica, N. Y., a Corporation of New York. Filed July 10, 1925. Serial No. 42,750. 1 Claim. (Cl. 139—91.)



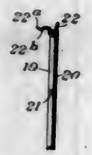
A harness frame for looms comprising shafts and end bars, the end bars being united to the ends of the shafts by being provided with a right angle portion and an angle bar secured to the end bar so that its angle arm projects longitudinally of the shaft, the end of which is received between the right angle portion of the end bar and the arm of the angle bar, the end of the shaft being provided with two bolt holes, the right angle portion of the end bar having two bolt holes registering therewith and the arm having a bolt hole registering with one of such holes and a double-shank bolt having a portion connecting the shanks, one shank passing through the registering holes of the right angle portion, arm and shaft and the second shank passing through the second hole in the right angle portion and entering the second hole in the shaft, the connecting portion of the bolt engaging the surface of the right angle portion of the end bar.

1,624,516. SHUTTLE. PHILIP L. SPENCER, Millbury, Mass., assignor to J. H. Williams Company, Utica, N. Y., a Corporation of New York. Filed July 10, 1925. Serial No. 42,751. 1 Claim. (Cl. 139—217.)



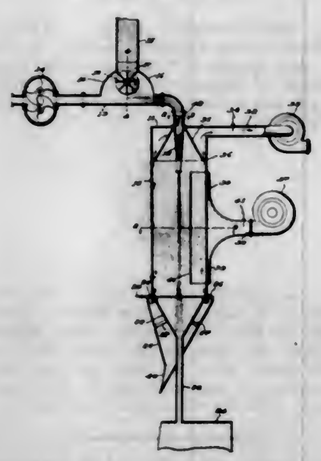
A shuttle for looms having, in combination, a shuttle body having a large and a small opening intersecting each other at substantially right angles, a thread block located in the large opening and provided with a longitudinal thread passage and an internally threaded lateral opening registering with the smaller opening in the body of the shuttle, a tension device comprising a carrier having two tension members supported therein, a screw having a pressure spring for applying spring pressure to the tension, fitting in the lateral hole in the thread block and in the smaller opening in the shuttle body, serving to lock the thread block in the body and being adjustable to vary the tension.

1,624,517. POULTRY CRATE. BURNIS A. STAMP, Brooklyn, N. Y., assignor, by mesne assignments, to Stamp Rightway Conveyor Company, Brooklyn, N. Y., a Corporation of Delaware. Filed Mar. 28, 1925. Serial No. 19,067. 3 Claims. (Cl. 220—17.)



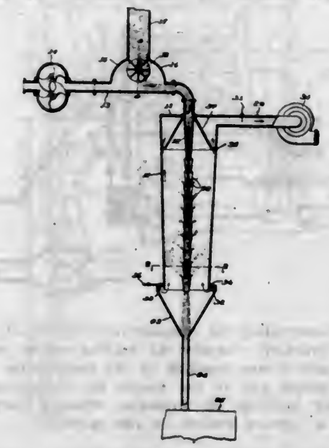
1. A poultry crate comprising an end member and a top member each having a wire frame, a U-shaped spring clip enveloping the frame of said end member and having its legs projecting vertically upward to receive the frame of the top member, the inner leg being bent horizontally to pass inside of the frame of the top member, and a wire slidably mounted in the top member to pass under the horizontal portion of said clip leg to latch the top member to the end member.

1,624,518. AIR-BLAST CLASSIFIER. ALBERT H. STEBBINS, Los Angeles, Calif. Filed Dec. 10, 1925. Serial No. 74,499. 9 Claims. (Cl. 209—144.)



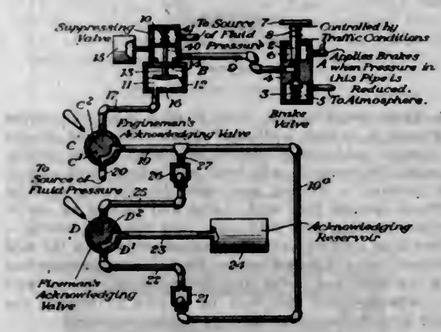
1. An air blast classifier, comprising in combination, a casing constructed to provide a relatively long spacious air chamber therein and having a material receiving receptacle at one end, a nozzle located at the other end of the casing to deliver a strong blast of air carrying the materials to be treated lengthwise of the casing toward said receptacle so that the lighter particles are given an opportunity to work laterally out of the path of the air blast under the gradual retarding effect of the air within said chamber while the heavier particles are shot by the air blast into said receptacle, and means for conducting air from the casing to remove the lighter particles that work laterally out of the air blast.

1,624,519. AIR-BLAST CLASSIFIER. ALBERT H. STEBBINS, Los Angeles, Calif. Filed Dec. 10, 1925. Serial No. 74,500. 8 Claims. (Cl. 209—188.)



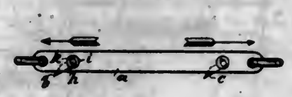
1. An air blast classifier, comprising in combination, a casing, a nozzle for blowing a blast of air bearing the materials to be treated thru the casing, a plurality of conical nozzles arranged in nested relation in alignment with the air blast nozzle so that the heavier particles will be shot by the air blast along a straight, uninterrupted path thru the series of nozzles while the lighter particles that tend to separate out of the direct path of the air blast will be crowded out by the force of the air blast between the adjacent nozzles, and means for removing from the casing the air in which the lighter materials are suspended.

1,624,520. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HERBERT A. WALLACE, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Aug. 17, 1925. Serial No. 50,607. 14 Claims. (Cl. 303—18.)



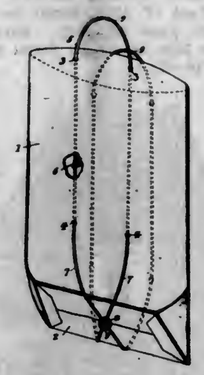
1. In combination on a train, automatic brake applying mechanism responsive to traffic conditions in advance of the train, two separate manually operable acknowledging valves, and means effective only upon operation of both said valves for rendering said automatic mechanism ineffective to apply the brakes.

1,624,521. HARROW. ARTHUR WALTER, Schweinfurt-on-the-Main, and WILHELM KUTTRUF, Seligenstadt, near Wurzburg, Germany, assignors to Maschinenfabrik Walter & Kuffer, Schweinfurt-on-the-Main, Germany. Filed May 21, 1925, Serial No. 31,925, and in Germany July 8, 1924. 2 Claims. (Cl. 55—60.)



1. A harrow comprising lateral sledge bars having rectangular openings therethrough whose diagonals are inclined to the vertical, and cutter-bars having ends shaped to fit said openings and means to secure said ends in said openings.

1,624,522. PAPER BAG. ALEXANDER E. WEISTOCK and HARRY DAHNE, Baltimore, Md. Filed May 7, 1926. Serial No. 107,425. 1 Claim. (Cl. 229—54.)

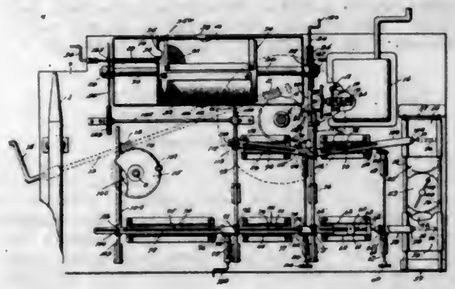


A paper bag having an imperforate bottom wall, the side walls of the bag having upper and lower openings located at equal distances beyond the median vertical dimension of the side walls and an endless cord threaded through the openings in the side walls of the bag and projecting above the edge of the bag to form handles, said endless cord being disposed exteriorally of the lower portion of the side walls of the bag and exteriorally of the bottom wall, said cord having portions extending diagonally from the lower openings in the opposite side walls of the bag directly and completely across the under surface of the bottom of the bag and around the edges thereof and the portions of the cord at the same side of the bag converging toward each other from the openings toward the bottom of the bag and a ring surrounding the diagonally disposed portions of the cord.

1,624,523. APPARATUS FOR DIRECTING THE SIGHTING OF GUNS. RAYMOND W. ANDERSON, Maplewood, N. J. Filed Jan. 16, 1926. Serial No. 81,864. 3 Claims. (Cl. 235—61.5.)

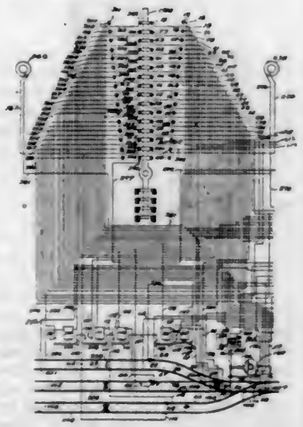
1. In apparatus for directing gun fire, means for setting the apparatus in accordance with an angle F, a velocity V and time T, a firing-data graph, an index cooperating with said firing-data graph for taking readings thereon, means for effecting a relative shifting of said graph and said index, and means for computing V T cos F and changing the relative positions of the firing-data graph and index accordingly for applying a pre-

diction correction to the reading from the firing-data graph, where V is the velocity of the target, T is the sum of dead time and time of flight of the projectile, and



F is the horizontal angle of flight of the target with reference to the horizontal projection of the line gun-target.

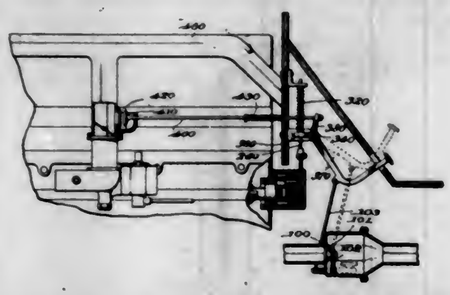
1,624,524. CONTROL OF TRAINS. ARTHUR REGINALD ANGUS, Westminster, London, England. Original application filed June 17, 1922, Serial No. 569,125, and in Great Britain June 20, 1921. Divided and this application filed May 28, 1925. Serial No. 33,405. 7 Claims. (Cl. 246—23.)



1. Track apparatus for the electrical control of trains on a system of track portions joined together by points, comprising in respect of a road of said system electro-responsive means adapted when energized to cause its movable portion to move from a danger position into a line-clear position and by said movable portion in said line-clear position to cause the movement of said points into a position for making said road, and a signalman's switching means adapted to occupy an inoperative position and a definite road-making position and only in said road-making position to cause electricity to pass through the rails of said road and so to produce the energization of said electro-responsive means but to be prevented by the occupation of said road by a railway vehicle from producing the energization of said electro-responsive means.

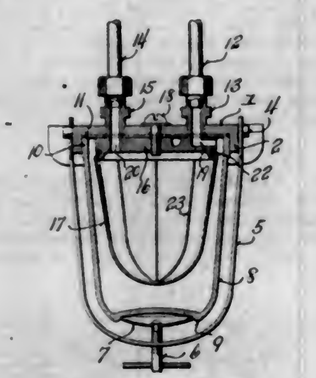
1,624,525. METHOD AND MEANS FOR BRAKING MOTOR VEHICLES. MILO D. BEACH, Litchfield, Conn. Filed Jan. 20, 1926. Serial No. 82,498. 6 Claims. (Cl. 123—97.)

4. An internal combustion engine having intake and exhaust valves, operating means for said valves adapted to be set to cause the valves to operate in the usual manner, or, for reversing the action of said valves so that the engine will be converted into an air compressor whereby the pistons will cumulatively build up a resisting air pressure to check instrokes of pistons,



means for controlling the cumulatively built-up air pressure thus provided, whereby the braking action may be regulated, and means common to the controllable valve operating means and to the means for controlling the cumulatively built-up air pressure, whereby both are subject to a common control by the operator.

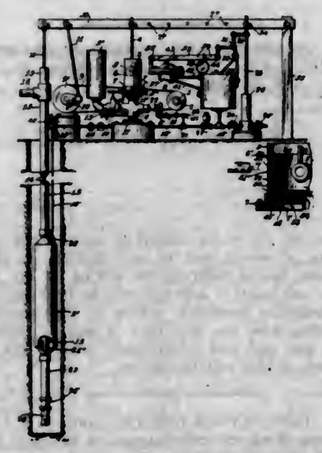
1,624,526. OIL FILTER. HARRY C. BOHMSACK, Fort Atkinson, Wis., assignor of one-half to Hugo W. Passer, Fort Atkinson, Wis. Filed May 21, 1926. Serial No. 110,679. 1 Claim. (Cl. 210—165.)



A filter comprising a head having inlet and outlet apertures, a casing positioned below said head, means for forcing said casing against said head, a disc revolubly mounted beneath said head and within said casing, and carrying a filtering sack, said disc having an inlet aperture opening into said casing and having an outlet aperture opening into said sack, said disc also having a bypass duct normally out of communication wtih the said apertures, and adapted to be placed in communication with the inlet and outlet aperture upon rotation of said disc, whereby said disc may be rotated to by-pass the liquid directly from the inlet to outlet apertures.

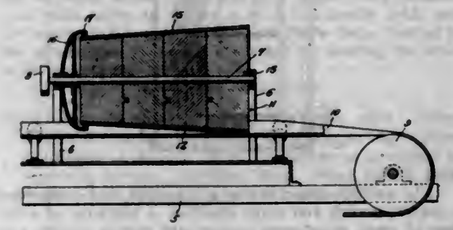
1,624,527. PUMPING MECHANISM. WILLIAM P. BRETT, Decatur, Ill. Filed Jan. 29, 1926. Serial No. 84,648. 16 Claims. (Cl. 103—205.)

1. The combination, in pumping mechanism, of a load equalizing air cylinder adapted to receive and retain air above atmospheric pressure, a piston adapted to reciprocate in said cylinder and cause fluctuations in pressure and volume of the said compressed air and to be actuated in one direction by the expansive force of said



retained air, a clearance space at one end of said cylinder, and means for increasing and decreasing the volume of said clearance space.

1,624,528. MAGNETIC SEPARATOR. EDWARD H. BRUNE, St. Louis, Mo. Filed Jan. 28, 1926. Serial No. 84,389. 5 Claims. (Cl. 209—223.)



1. In combination with a movable coal carrying belt, a magnetic separator including a drum mounted above the belt and equipped with a baffle to divert lumps of coal away from the drum.

1,624,529. ROTARY MOTOR. GEORGE L. BUFFINGTON and EDWARD H. HOPSON, Detroit, Mich., assignors to Ex-Cell-O Tool & Manufacturing Co., Detroit, Mich., a Corporation of Michigan. Filed Mar. 25, 1925. Serial No. 18,180. 7 Claims. (Cl. 253—3.)



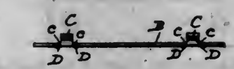
1. A rotary motor having, in combination, an outer casing having a shield at its front end, said shield being open at one side, an inner casing within said outer casing and serving therewith to define a plurality of longitudinal passages between the two, a spindle rotatably mounted in ball bearings at opposite ends of said inner casing, a spacer sleeve positioned in said inner casing and between said ball bearings, a propeller having a plurality of peripheral vanes mounted on said shaft adjacent the rear ends of said passages, a member having a jet passage opening next to said propeller and adapted to direct pressure fluid against said vanes to rotate said spindle, and means for admitting pressure fluid to said jet passage, said pressure fluid being adapted to pass from the vane through said first mentioned passages into said shield and out of said outer casing at the open side of said shield.

1,624,530. SCREW DRIVER. ROMEO O. CARUSO, Reading, Pa., assignor of one-third to Daniel Mastrolia and one-third to Albert F. Ferrainolo, Reading, Pa. Filed Feb. 23, 1926. Serial No. 89,871. 2 Claims. (Cl. 145—52.)



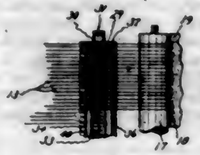
1. In a flexible screw driver, the combination of a handle, a stem rigidly attached thereto by a key, a flexible link member attached to the end of said stem, said flexible member being made up of a number of links, a removable screw-engaging bit attached to the opposite end of said flexible link member, said bit being bifurcated and capable of being expanded, an expanding mandrel within the bit, a flexible stem on which the mandrel is carried, a rotatable sleeve on the handle in engagement with said flexible link member, a coiled spring member forming a casing for the flexible link member and the flexible stem, an adjusting sleeve located on the lower end of the bit, said sleeve being capable of determining the degree of expansion allowed the bifurcated end of the bit.

1,624,531. WIRE TIE FOR BUNDLES OF VARIOUS KINDS. SPENCER C. CARY, Brooklyn, N. Y., assignor to Cary Manufacturing Company, New York, N. Y., a Corporation of New York. Filed Aug. 21, 1924. Serial No. 733,275. 1 Claim. (Cl. 217—69.)



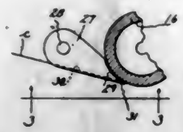
In a device of the class described, a bearing member for a tie composed of a single piece of metal provided on one face with tie receiving keepers and on the other face with tie directing lips, said keepers and lips being co-operable in facilitating the threading of the bearing member upon a tie so as to slide freely thereon.

1,624,532. CORD-GUIDING DEVICE. MARTIN CASTRICUM, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed June 26, 1926. Serial No. 118,761. 3 Claims. (Cl. 154—1.)



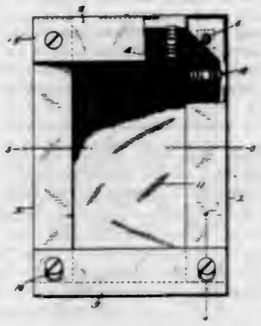
2. A cord guiding device adapted for use in the manufacture of a web of weftless cord fabric comprising a multi-sided bar extending the full width of the cord web, the several sides of the bar having cord guiding grooves of differing spacing, and being separated by smooth surfaces of sufficient elevation to free the cords from adjacent guiding grooves.

1,624,533. CORD-GUIDING DEVICE. MARTIN CASTRICUM, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed June 26, 1926. Serial No. 118,762. 2 Claims. (Cl. 154—1.)



2. Apparatus for the production of weftless cord fabric of the type wherein a sheet of unconnected cords are guided by a smooth surfaced roll against a sheet of rubber upon a calender roll, characterized by a guiding member presenting a grooved guiding surface tangent to the smooth surfaced roll and furnishing the cords with guiding and spacing contact up to substantially the instant of their contact with the smooth surfaced roll.

1,624,534. WINDOW SCREEN. JAMES A. CHEWNING, Sikeston, Mo. Filed Apr. 24, 1925. Serial No. 25,688. 4 Claims. (Cl. 156—14.)



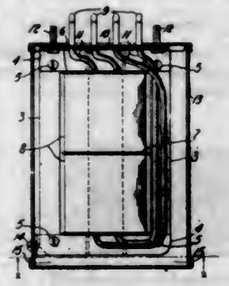
1. A screen including a metallic frame composed of frame members of channel form provided at their inner sides with inwardly extending flanges, a sheet of screen material having its marginal portions extending between the said flanges and clamps arranged at intervals and consisting of loops embracing the marginal portions of the said sheet and crimped thereon interiorly of the frame after the said screen material is placed in position in the frame and having laterally bent terminals abutting against the flanges of the frame members.

1,624,535. STAIR SQUARE. CHRIST A. CHRISTIANSON, Ulen, Minn. Filed May 26, 1925. Serial No. 33,073. 1 Claim. (Cl. 33—98.)



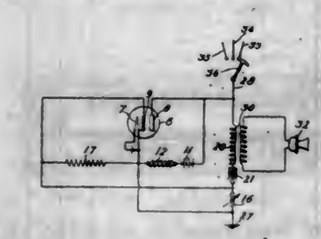
A device of the class described including a pair of hinged bars, a second pair of bars slidable on the first pair of bars, means limiting the sliding of the bars in relation to one another and operable to hold the bars in different adjusted positions, plates on the second bars and extending over the first bars, a pair of blades, and adjustable pin and slot connections between the blades and the second bars and the plates.

1,624,536. INDUCTANCE DEVICE. ARTHUR J. CHRISTOPHER, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 13, 1924. Serial No. 755,640. 7 Claims. (Cl. 175—361.)



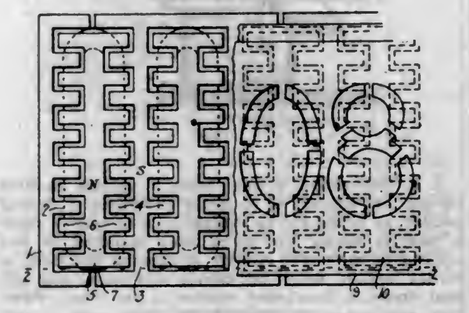
1. In an inductance device, a magnetic core comprising a central branch and outer branches, a plurality of windings of equal impedances around said central branch, and means to maintain the impedance balance between said windings for varying values of superposed direct current comprising air-gaps in said core symmetrically arranged with respect to said windings.

1,624,537. OSCILLATION GENERATOR. EDWIN H. COLPITTS, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Feb. 1, 1918. Serial No. 214,971. 23 Claims. (Cl. 250—36.)



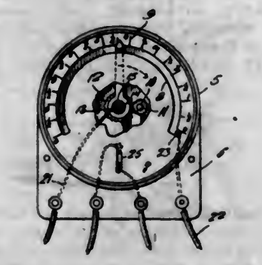
1. Means for generating oscillations and transmitting them to a work circuit, comprising an evacuated vessel having an input circuit and an output circuit, and an oscillating circuit including separate means for associating said oscillating circuit electrostatically separately with said input and output circuits.

1,624,538. MAGNETIC STENCIL AND WORK HOLDER. HARRY G. CRAIN, Canisteo, N. Y., assignor of one-half to John P. Lair, Canisteo, N. Y. Filed July 15, 1926. Serial No. 122,718. 3 Claims. (Cl. 101—125.)



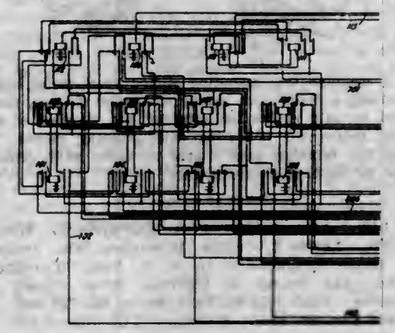
1. In a magnetic stencil and work holder, the combination with electro-magnets provided with off-set pole pieces formed with alternately projecting and recessed portions, the projecting portions of the pole pieces of one magnet arranged in the recessed portions of the pole pieces of the adjacent magnet, the said pole pieces being disposed near each other to create a strong magnetic field, and the outer surfaces of the said pole pieces being located in the same plane to provide a surface for holding the work to be stenciled.

1,624,539. ELECTRIC TIME SWITCH FOR AUTOMOBILE LIGHTS. ARISTIDE L. N. CREMO and ALBERT J. GORDON, Attleboro, Mass., assignors of one-third to Joseph E. Gaynor, Attleboro, Mass. Filed Apr. 6, 1925. Serial No. 21,094. 1 Claim. (Cl. 200—35.)



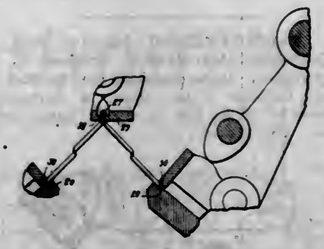
In a device of the class described, a casing, a front panel for the casing, said front panel being provided with an arcuate slot having one end slightly offset, a fixed contact at said offset end of the slot, a shaft mounted for rotation in the casing, a gear rotatable on the shaft, an insulating washer on the shaft next to the gear, an indicator having a hub portion rotatable on the shaft, a spring associated with the hub portion holding it in frictional engagement with the washer and the washer in frictional engagement with the gear, a time controlled mechanism gear meshing with the first mentioned gear, said indicator being bent intermediate its ends so that its free extremity is offset, the intermediate bent portion extending through the slot, so that when the indicator is actuated to said end of the slot, it will engage the fixed contact for closing a circuit.

1,624,540. TESTING DEVICE FOR TESTING REGISTER SENDERS. EDGAR H. CLARK, Richmond Hill, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 29, 1925. Serial No. 40,262. 12 Claims. (Cl. 179—175.)



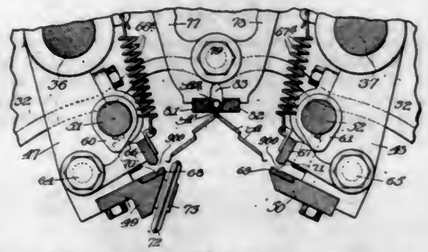
1. In a system for testing senders employing registers of different types, a testing device for testing the senders, means in said testing device for setting the registers of each type and means for varying the operation of said testing device in accordance with the type of registers employed by the sender to be tested.

1,624,541. CORNER BEAD. LEWIS E. CURTIS, Warren, Ohio, assignor, by mesne assignments, to A. C. Paul, Minneapolis, Minn., and George A. Chritton, River Forest, Ill., trustees. Filed Nov. 24, 1923, Serial No. 676,733. Renewed Jan. 24, 1927. 5 Claims. (Cl. 164—65.)



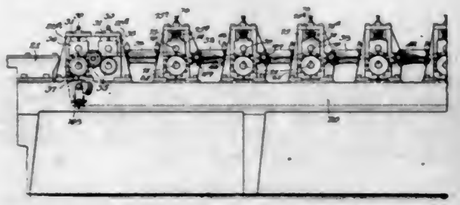
1. The method of forming an expanded metal corner bead which consists in advancing a blank longitudinally, forming a central channel therein, forming a plurality of slits in a longitudinal row on each side of said central channel, continuing the advance of the blank and the formation of slits for the length of the blank, shaping the central channel to form a bead and subsequently expanding the slitted portions on each side thereof.

1,624,542. APPARATUS FOR EXPANDING METAL CORNER BEADS. LEWIS E. CURTIS, Milwaukee, Wis., assignor, by mesne assignments, to A. C. Paul, Minneapolis, Minn., and George A. Chritton, River Forest, Ill., trustees. Filed June 14, 1924. Serial No. 720,099. 15 Claims. (Cl. 164—6.5.)



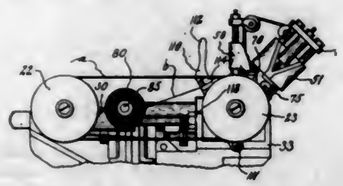
1. A machine for expanding slitted sheet metal blanks comprising a frame, two shafts journalled therein, means carried by said shafts for gripping the margins of said blanks, means for actuating said gripping means, and means for rotating said shafts to move said gripping means for expanding said blanks.

1,624,543. APPARATUS FOR EXPANDING METAL LATH. LEWIS E. CURTIS, Milwaukee, Wis., assignor, by mesne assignments, to A. C. Paul, Minneapolis, Minn., and George A. Chritton, River Forest, Ill., trustees. Filed July 26, 1924, Serial No. 728,420. Renewed Jan. 24, 1927. 9 Claims. (Cl. 164—6.6.)



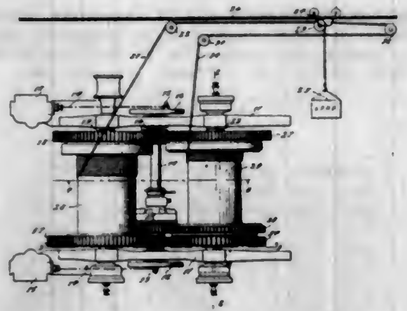
1. In apparatus for expanding slitted metal blanks, means for forming ribs in said blanks and advancing them through the machine, and diverging expander members for receiving the blanks and engaging the ribs formed therein, said expander members comprising means for alternately engaging the interior of the ribs and the exterior margins thereof.

1,624,544. FABRIC-FEEDING DEVICE FOR BEAD WIRE-COVERING MACHINES. CHARLES H. DESAUTELS, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Feb. 10, 1925. Serial No. 8,111. 2 Claims. (Cl. 154—9.)



1. A wire covering machine having a plurality of rolls around which a wire ring is stretched, devices for applying a covering strip to the ring, and a device for tucking the end of a strip into the bight between the ring and one of said rolls.

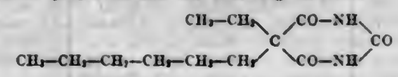
1,624,545. HOISTING AND CONVEYING DEVICE. MERIAN H. DICKINSON, Seattle, Wash., assignor to Lidgerwood Manufacturing Company, New York, N. Y., a Corporation of New York. Filed Oct. 9, 1924. Serial No. 742,530. 8 Claims. (Cl. 254—185.)



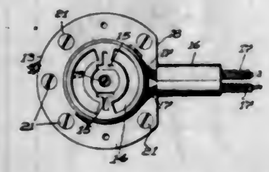
1. In combination, a main cable, a carriage mounted thereon and adapted to be moved therealong, a driving member, an inhaul and an outhaul drum on each of which a cable is wound, the cables being connected to and adapted to move said carriage in opposite directions, a driving member, means for driving said inhaul and outhaul drums in interlocked relation in the inhaul direction, and means for changing the speed ratio of said drums while rotating in the inhaul direction by changing the speed of rotation of the outhaul drum.

1,624,546. ETHYL-NORMAL-HEXYL-BARBITURIC ACID. ARTHUR W. DOX, Windsor, Ontario, Canada, assignor to Parke Davis & Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 15, 1924. Serial No. 756,155. 1 Claim. (Cl. 260—33.)

As a new product of manufacture, the compound which may be designated as ethyl-normal-hexyl-barbituric acid, said compound being a white crystalline solid having hypnotic properties and the following structure:

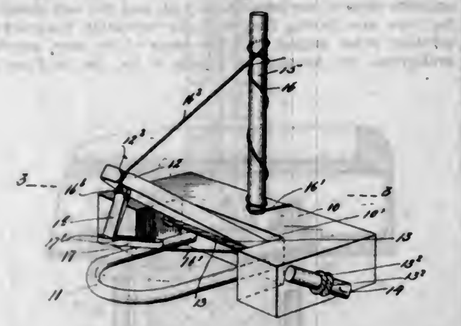


1,624,547. ELECTRIC-BRACKET OUTLET. OTTO A. FREDERICKSON, Wethersfield, Conn., assignor to The American Wiremold Company, Hartford, Conn., a Corporation of Connecticut. Filed Feb. 11, 1924. Serial No. 692,012. 3 Claims. (Cl. 173—338.)



1. An attachment for an electric light fixture having a canopy for concealing the base of the fixture, comprising a plug receiving receptacle having electric conductor wires for connecting it to the electric light conductors within the canopy, a metal base plate to which the receptacle is secured and constructed to be fastened to a wall of the room adjacent the canopy, an enclosing casing for the receptacle, and a tube formed integral with the base plate and constructed to extend thru a shallow notch in the base of the canopy and to completely enclose the portion of the conductor wires extending from the receptacle to the interior of the canopy

1,624,548. ANIMAL TRAP. DANIEL GLASSHOFFER, Roselle, N. J. Filed Sept. 2, 1926. Serial No. 133,210. 3 Claims. (Cl. 43—81.)



1. In an animal trap, a base, a jaw torsionally suspended from said base so as to have the tendency to swing into trapping position, a flexibly suspended bait holder and a flexibly suspended latch member adapted to be interposed between said bait holder and said jaw to hold the latter in open position until its release from said bait holder upon the depression of the latter by the animal.

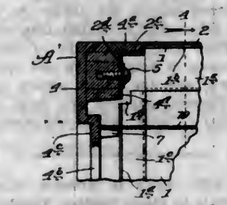
1,624,549. MULTIPLE GRADUATING MACHINE. HANS N. HALVERSEN, Vineland, N. J., assignor to Kimble Glass Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 15, 1924. Serial No. 743,694. 27 Claims. (Cl. 33—21.)



1. In a graduating appliance, a combination of means to support the vessel to be graduated, means to mark graduation lines on said vessel, and means to move said vessel and marking means relatively to one another to produce the spaces between the lines including an articulated member capable of adjustable flexure to produce variations in said spaces conforming substantially to the irregularities of the internal caliber of the vessel.

1,624,550. STOVE OR RANGE. AUGUSTUS F. HARTER, Chicago, Ill., assignor to Cribben & Sexton Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 11, 1926. Serial No. 140,880. 3 Claims. (Cl. 126—39.)

1. In a range, an oven unit comprising a front frame provided with door-openings and having a rearwardly turned outer flange, a top plate having a depressed front marginal portion fitting within said flange and having a downwardly turned attaching flange, side plates having at their upper portions inwardly offset margins and having



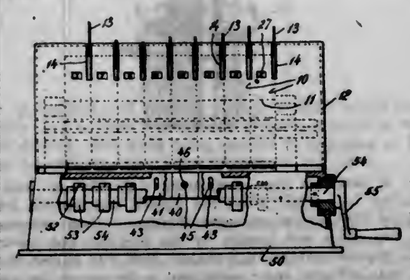
at their front portions inwardly offset margins provided with inturned attaching-flanges, said top plate having depending lateral flanges fitting over the inwardly offset upper margins of the side plates, and cap screws connecting said attaching-flanges to said front frame.

1,624,551. MULTIPLEX TRANSMISSION. JACOB SUTER JAMMER, Cumberland, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 17, 1924. Serial No. 756,399. 2 Claims. (Cl. 178—44.)



1. In a wave transmission system in which the waves of higher frequencies in traversing the system are attenuated to a greater extent than those of lower frequencies, a selective network of a high-pass filter type having its inductances constructed with a relatively small value of $\frac{L}{R}$ to give the structure a gradually changing loss characteristic throughout the transmission range to compensate for the unequal attenuation of the waves by said system.

1,624,552. APPARATUS FOR MAKING INDELIBLE IMPRINTS ON SHEET MATERIAL. GEORG KIRKEGAARD, Brooklyn, N. Y., assignor to National Surety Company, New York, N. Y., a Corporation of New York. Filed Dec. 10, 1924. Serial No. 754,885. 9 Claims. (Cl. 101—95.)



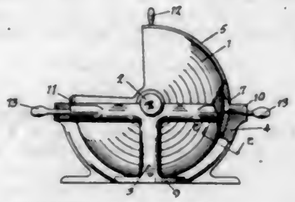
1. A check writer adapted to coact with a chemically treated check so as to produce indelible impressions thereon, comprising a pair of selective type carriers, means for heating the type on the carrier and means for moving the check into contact with the heated type.

5. In combination, a machine having a plurality of rotatable selective carriers, each carrier having a plurality of dies on its periphery, means for heating the dies of each

carrier, a movable platen adapted to coact with the selected die of each carrier, and means for simultaneously elevating said platens.

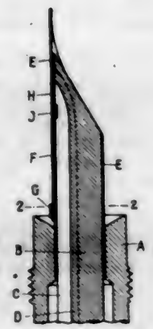
9. In a check writer, a carrier having a plurality of sets of type thereon, each set of type comprising two words superimposed one on the other, the letters of one word gradually decreasing in height from one end of the word to the other and the letters of the other word gradually increasing in height from one end of the word to the other, whereby the small letters of one of the words will be disposed beneath the large letters of the other word so that adjacent words will overlap.

1,624,553. LADLE. JOHN G. KOEGLE, Toledo, Ohio, assignor of one-half to Hugo Boelter, Toledo, Ohio. Filed June 17, 1926. Serial No. 116,604. 11 Claims. (Cl. 22—84.)



1. In a ladle, a receptacle having an outlet opening, a member for pivotally supporting the receptacle and for closing the opening of the receptacle, the member having an opening adapted to register with the opening of the receptacle when the receptacle is turned to pouring position.

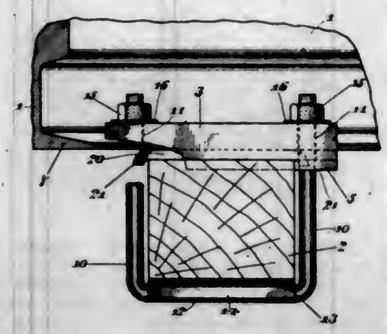
1,624,554. RESERVOIR PEN. THEODOR KOVÁCS, Berlin, Germany. Filed July 9, 1926, Serial No. 121,461, and in Germany July 13, 1925. 5 Claims. (Cl. 120—50.)



1. A reservoir pen comprising a holder, a feed-bar adapted to project from the holder and having longitudinal air and ink passages therein, a sleeve surrounding the outer end portion of the feed-bar and covering said channels where they project from the holder except at their extreme outer ends, and a device on the sleeve for detachably securing a pen nib.

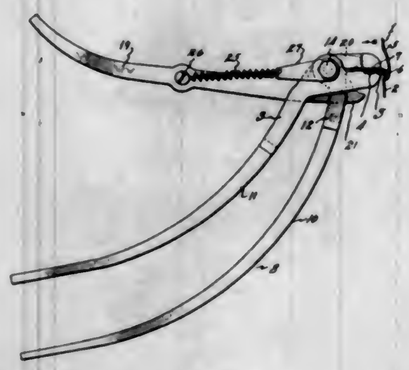
1,624,555. RAIL-FASTENING DEVICE. WILLIAM CURTIS LEISER, Philadelphia, Pa. Filed June 23, 1926. Serial No. 117,913. 5 Claims. (Cl. 238—314.)

1. A fastening device for fastening rails to cross ties, comprising clamping bars having flange-like portions extending from the upper portions of the inner sides thereof, which portions are of a length substantially equal to that of the clamping bars and are adapted to engage the opposite sides of the base of the rail, and the said clamping bars also having longitudinally extending flange-like portions which project from the bases of the bars, which projections are adapted to engage a tie, the said bars



having openings therethrough adjacent their opposite ends and U-shaped members embracing a tie, the upper ends of the opposite sides of said U-shaped members extending through said openings, and means for engaging the said upper ends to clamp the said clamping bars against a tie and against the opposite sides of the base portion of a rail.

1,624,556. PLIERS. WILLIAM MARSHALL, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Aug. 25, 1924. Serial No. 734,125. 14 Claims. (Cl. 81—15.)

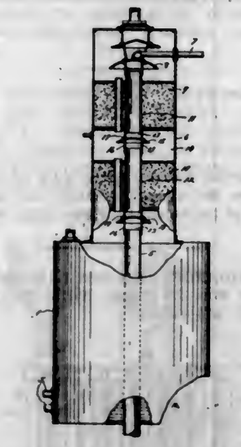


4. A tool for connecting together sheet metal parts, having cooperating jaws for holding said parts, and a lever connected to the jaws having means for cutting a tongue from one of said parts, and means for bending the tongue over the other of said parts.

1,624,557. WATER HEATER AND PURIFIER. HENRY E. MOFFAT, Detroit, Mich. Original application filed Mar. 26, 1926, Serial No. 97,813. Divided and this application filed July 23, 1926. Serial No. 124,429. 5 Claims. (Cl. 261—118.)

1. The combination with two spaced sections of steam pipe, substantially aligned, of a baffle member arranged

substantially transversely of said pipe in the space between said sections, and connections between each pipe



section and said baffle member, one of said connections including an element yieldable to provide for differential expansion of said sections.

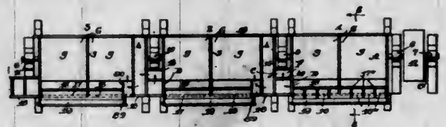
1,624,558. COMBINATION UNDERGARMENT. GERTRUDE L. NICKERSON, Bridgeport, Conn., assignor to The Warner Brothers Company, Bridgeport, Conn., a Corporation of Connecticut. Filed Aug. 28, 1926. Serial No. 132,091. 7 Claims. (Cl. 2—73.)



1. A combination undergarment comprising an upper section or bassière portion of a semi-elastic material adapted to conform to the shape of the body and having a substantially V-shaped opening in the back extending downwardly from the upper edge of said portion, an elastic strap connecting the opposite sides of said opening adjacent the top thereof, and a depending nether garment of soft loosely fitting material secured adjacent the lower edge of said upper section.

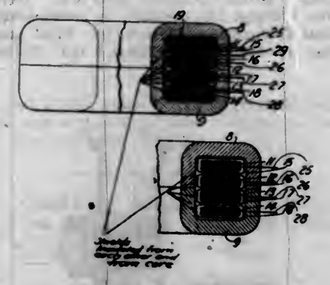
1,624,559. FLOTATION APPARATUS. TOM M. OWEN, Wallace, and MICHAEL P. DALTON, Mullan, Idaho. Filed July 5, 1924. Serial No. 724,250. 8 Claims. (Cl. 209—169.)

1. A flotation apparatus comprising an aligned series of cells, each consisting of an impeller chamber, and an elevator chamber communicating with the head end of said impeller chamber at its bottom, a shaft extending lengthwise of said cells, impellers and elevators mounted on said shaft and within said impeller and elevator chambers respectively, and discharge ducts connecting the tail end



of each impeller chamber with the following elevator chamber, and means for maintaining the pulp level at the intake to each elevator chamber substantially lower than at the discharge therefrom.

1,624,560. INDUCTANCE COIL AND METHOD OF MANUFACTURING THE SAME. EDWARD B. PAYNE, Great Neck, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 14, 1924. Serial No. 749,818. 5 Claims. (Cl. 175—356.)



1. An inductance device comprising a plurality of windings, a core comprising a shell of magnetic material surrounding and enclosing said windings, and individual electrostatic shielding means for said windings, comprising an interrupted metallic shield substantially completely surrounding each of said windings.

1,624,561. BRACELET HOOK. EUGEN PRESTINARI, Pawtucket, R. I., assignor to New Jersey Chain Corporation, Newark, N. J., a Corporation of New Jersey. Filed July 12, 1926. Serial No. 121,842. 6 Claims. (Cl. 24—233.)



1. A bracelet end member having a sheet metal body portion and a sheet metal hook member pivoted to said body portion, said hook being opened by swinging of the hook towards its free edge relative to the body.

1,624,562. ELECTRON-DISCHARGE DEVICE. VICTOR L. RONCI, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 19, 1923. Serial No. 681,580. 5 Claims. (Cl. 250—27.5.)

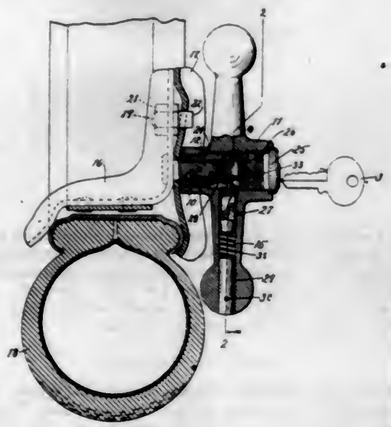
1. In an electron discharge device, containing an apertured insulating plate, a filament support comprising a suspension spring having a conical portion and a cylindrical portion, said spring being seated in said apertured insulating plate, said cylindrical portion being substan-

tially flush with the top of said insulating plate, said conical portion extending through said insulating plate, a suspension member centrally positioned in said spring,



and a sleeve for said member engaging the lower end of said spring and having its other end secured to said member.

1,624,563. BOLT-LOCKING DEVICE. GEORGES ROUDANEZ, Chicago, Ill., assignor, by mesne assignments, to Lucille J. Roudanez, Chicago, Ill. Filed Aug. 23, 1924. Serial No. 733,722. 2 Claims. (Cl. 70—90.)



1. In a device of the class described, an interiorly threaded sleeve having a longitudinally extending groove exteriorly formed thereon, an element housing the sleeve and co-axially mounted therewith to permit relative rotation and limited longitudinal movement of the sleeve relative to the element, said sleeve projecting from the element at one end, stops limiting the amount of longitudinal movement of said sleeve to less than the maximum amount of its projection from said element and means operable to connect the sleeve with the element to prevent their independent rotation comprising a plunger mounted in the element, resilient means tending to force the plunger into said groove and key actuated means operable to disengage the plunger from said groove.

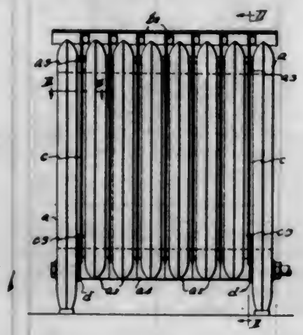
1,624,564. SHOE-LACE FASTENER. SAMUEL R. SHETZLINE, Jr., Philadelphia, Pa., and EMIL A. DOBBLIN, Moorestown, N. J. Filed Aug. 25, 1926. Serial No. 131,398. 2 Claims. (Cl. 24—121.)

1. A shoe lace fastener comprising a body, an upwardly projecting outer leg extending from the lower end of the body, a bulge at the point of connection between the body and outer leg, said bulge extending beyond the inner face of the body, an inner leg projecting downwardly from the upper end of the body and terminated with an arcuate



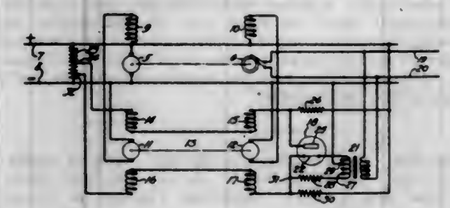
portion for coaction with the bulge, a lip at the end of the inner leg below the arcuate portion, and an outwardly curved tongue at the terminal of the outer leg.

1,624,565. RADIATOR. ELLIOTT J. STODDARD, Detroit, Mich. Filed Nov. 26, 1923. Serial No. 676,905. 10 Claims. (Cl. 257—151.)



9. In an apparatus of the kind described, in combination with a deflecting plate, a series of radiator sections having lugs extending between them, plates extending downward from said deflecting plate and having L-shaped slots adapted to engage said lugs, said sections also having lugs extending between them at a point spaced from the first mentioned lugs, said downwardly extending plates being adapted to engage both of said lugs when adjusted to position, said vertically extending plates being provided with vertical slots therethrough, and a plate extending through and engaging in said slots, and means for securing the last named plate to the radiator sections so as to secure the first named plates in their position on said radiator.

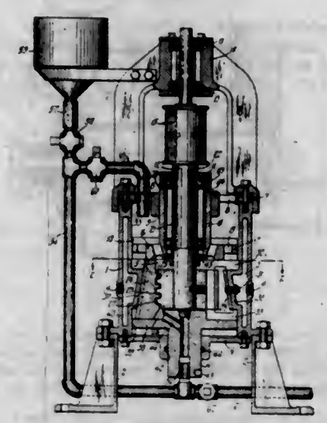
1,624,566. CONTROL REGULATOR. HUGH M. STOLLER, Mountain Lakes, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 3, 1924. Serial No. 723,856. 13 Claims. (Cl. 171—312.)



1. In a regulator system a motor generator set, an auxiliary dynamo electric machine variably operated with respect to said set, means responsive to variations in a

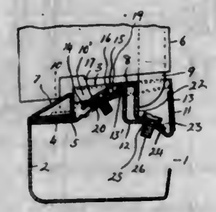
characteristic of said set for controlling said machine in accordance therewith, and connections between said machine and said set whereby the speed of the motor and the excitation of the generator are simultaneously regulated to hold substantially constant the characteristic of said set.

1,624,567. MACHINE FOR DISPERSING VARIOUS SOLIDS AND LIQUIDS. MERWYN C. TEAGUE, Elmhurst, N. Y., assignor to The Naugatuck Chemical Company, Naugatuck, Conn., a Corporation of Connecticut. Filed Aug. 22, 1924. Serial No. 733,524. 16 Claims. (Cl. 259—7.)



1. A dispersion machine comprising a mixing chamber, series of stationary and movable interengaging projections disposed in said chamber, and means for simultaneously adjusting both said series of projections.

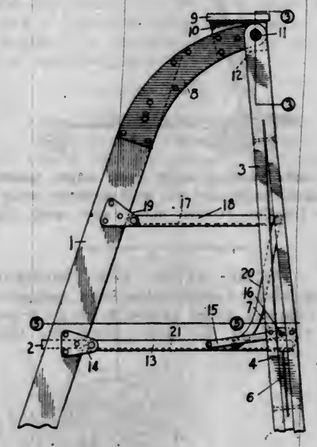
1,624,568. ADJUSTABLE STRIKER PLATE. FRED JAMES WESTROPE, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 15, 1924. Serial No. 756,095. 9 Claims. (Cl. 292—340.)



1. A striker plate including an adjustable hollow wedge-shaped body, and a support for said plate having a substantially wedge-shaped portion projecting within the hollow body, and means for holding the body in adjusted position including an element extending transversely of said hollow body and projection.

1,624,569. STEPLADDER. BENEDICT E. WILLETT, Dayton, Ohio. Filed Sept. 12, 1924. Serial No. 737,289. 7 Claims. (Cl. 228—17.)

1. A stepladder comprising a front frame and a rear frame pivotally connected one to the other at their upper ends, a platform pivotally mounted on the front frame at a point below the upper end thereof, a supporting member carried by the rear frame to support the rear end of said



platform, and a link connecting said platform with said rear frame and arranged to form a toggle to lock said frames in their extended positions.

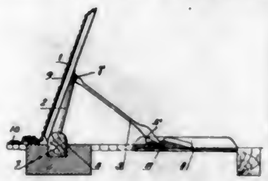
1,624,570. GARMENT. EUNICE M. ANTOONIAN, Boston, Mass. Filed Aug. 4, 1924. Serial No. 729,897. 7 Claims. (Cl. 2—74.)

1. That process of making garments which comprises folding in the lateral marginal portions of a piece of fabric of suitable dimensions until their free lateral edges substantially meet, uniting, as by stitching, one end of each of said lateral marginal portions to the adjacent end margin of the central part of the fabric, and attaching a sleeve at a point adjacent to each fold line.

1,624,571. RIVER DAM. JEAN MARIE LOUIS ANTOINE AUBERT, Paris, France. Filed Jan. 23, 1926, Serial No. 83,321, and in France May 2, 1925. 3 Claims. (Cl. 61—27.)

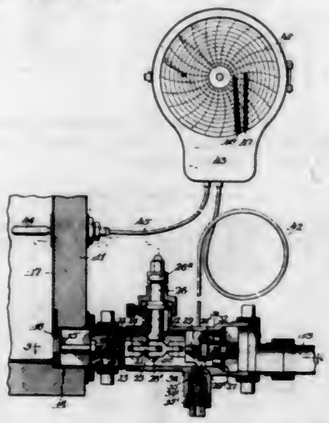
1. In a river dam, the combination of a plurality of gate sections, an individual support for each section pivoting at its lower end about a horizontal axis parallel to the dam, and a ground sill on which the gate sections

bear at their lower edges; the upper surface of the sill being cylindrical and coaxial with the pivotal axes of said supports so that the gate sections can swing with their



supports while keeping their lower edges constantly in bearing contact with the sill, said sections being raisable simply by traction exerted upon their upper edges.

1,624,572. FLUSH VALVE FOR PASTEURIZERS. RALPH B. BAGBY, Cedar Rapids, Iowa, assignor to J. G. Cherry Company, Cedar Rapids, Iowa, a Corporation of Iowa. Filed Aug. 31, 1926. Serial No. 132,879. 6 Claims. (Cl. 99—2.)

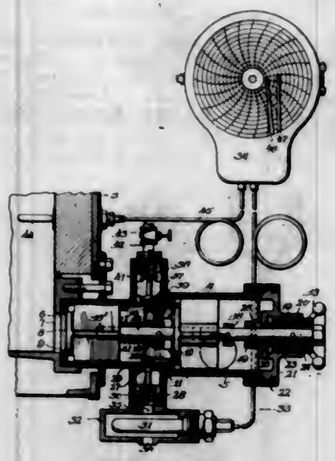


6. The combination of a Pasteurizing tank having an outlet, a pipe line, a connection between said outlet and said pipe line comprising a casing, valves in said casing for said outlet and said pipe line, a valved drip-leak in the casing between said tank outlet and pipe line valves, a sterilizing valve in the casing between said tank outlet and pipe line valves, a crank arranged in the casing for opening and closing said tank outlet and pipe line valves conjointly, and a cam guide flexibly connected to the crank and to the pipe line valve for operating the drip-leak valve and sterilizing valve to permit said valves to close before the tank outlet and pipe line valves are opened.

1,624,573. PASTEURIZING APPARATUS. RALPH B. BAGBY, Cedar Rapids, Iowa, assignor to J. G. Cherry Company, Cedar Rapids, Iowa, a Corporation of Iowa. Filed Aug. 31, 1926. Serial No. 132,880. 16 Claims. (Cl. 99—2.)

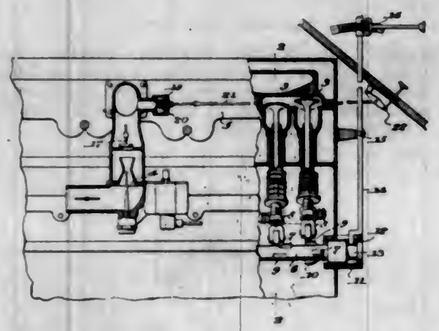
1. The combination of a Pasteurizing tank having an outlet, a pipe line, a connection between said outlet and said pipe line comprising a casing, valves in said casing for said outlet and said pipe line, a drip-leak for the casing between said valves and comprising a valve, and movable means within the casing connecting the outlet valve and the pipe line valve for opening and closing said valves conjointly and for opening and closing the drip-leak valve.

16. The combination of a Pasteurizing tank having an outlet, a pipe line, a connection between said outlet and said pipe line comprising a casing, valves in said casing for said outlet and said pipe line, a drip leak for the casing between said valves and comprising a valve, means for opening and closing said valves, means for supplying



steam to the casing to sterilize the casing, and thermal recording means connected to the tank and to the casing for recording the Pasteurizing process and the sterilizing process in their time relation to each other on a single chart.

1,624,574. MEANS FOR BRAKING MOTOR VEHICLES. MILO D. BEACH, Litchfield, Conn. Filed Oct. 26, 1923. Serial No. 670,819. 9 Claims. (Cl. 123—97.)

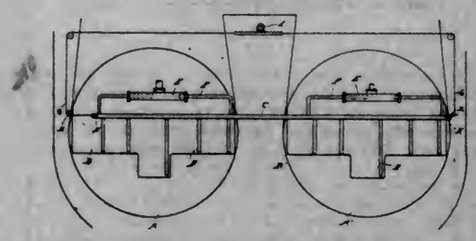


1. Means for braking motor vehicles by the use of the internal combustion engine thereof comprising devices for opening the exhaust valves on every out-stroke of the engine pistons, and closing said valves on every in-stroke of the pistons and for closing the intake valves on every out-stroke of the pistons and opening said intake valves on every in-stroke of the pistons, whereby air is repeatedly drawn into the engine on every out-stroke of the pistons and is compressed into the engine manifold on every in-stroke of the pistons, whereby operation of the pistons cumulatively builds up an air pressure in the manifold and cylinders, and an automatically-acting valve which normally permits the carburetted charge to pass to the manifold, said valve being adapted to close to prevent the escape of the cumulatively built up compressed air from the manifold into the carbureter.

1,624,575. ART OF GALVANOPLASTY. ARTHUR BIDDLE, Trenton, N. J., assignor to United Products Corporation of America, a Corporation of Delaware. Filed July 3, 1926. Serial No. 120,530. 13 Claims. (Cl. 204—8.)

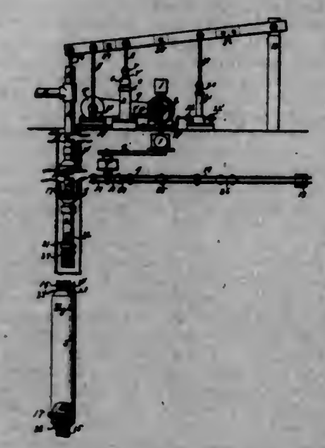
2. The method of electro-depositing material upon a non-metallic body out of an electrolyte which consists in coating said body with rubber in aqueous dispersion, surfacing said coating with an electro-conductive comminuted material, coagulating the solid content of said aqueous dispersion to form a water resistant coating, and forming an electro-deposit thereon in an electroplating bath.

1,624,576. BOILER CLEANER. FRANK BOWERS, Detroit, Mich., assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich., a Corporation of Michigan. Filed June 21, 1919. Serial No. 305,818. 2 Claims. (Cl. 122—391.)



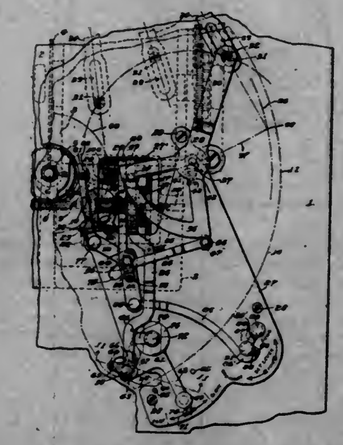
1. In a boiler cleaner, the combination with a longitudinally reciprocatory header, of a stationary header arranged parallel thereto and connected with a source of supply of steam, and a pair of conduits telescopically engaging said stationary header at opposite ends thereof and laterally connected to said reciprocatory header, thereby forming a balanced connection.

1,624,577. DEEP-WELL PUMPING MECHANISM. WILLIAM P. BRETT, Decatur, Ill. Filed Aug. 20, 1923. Serial No. 658,461. 22 Claims. (Cl. 103—206.)



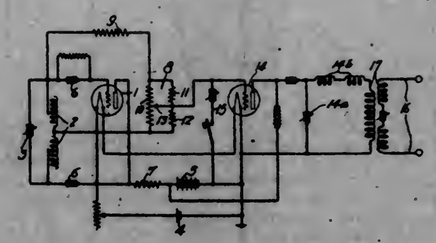
1. The combination, in deep well pumping mechanism, of a water pump cylinder, an air compressor, a load equalizing air cylinder, an air receiver or reservoir, a water discharge pipe leading from said water pump, an air line leading from said air compressor into said air receiver, an opening or port leading from the lower part of the said air receiver into the said water discharge pipe adjacent to said water pump cylinder, and a one way air duct leading from the said air receiver into one end of said load equalizing air cylinder.

1,624,578. SOUND-REPRODUCING MACHINE. HORACE LEOPOLD TUCKER BUCKLE, Ylewsley, England, assignor to Victor Talking Machine Company, a Corporation of New Jersey. Filed Nov. 5, 1924, Serial No. 747,892, and in Great Britain Feb. 5, 1924. 22 Claims. (Cl. 188—187.)



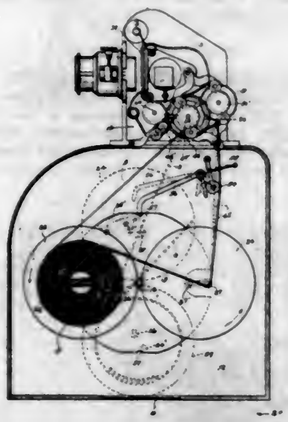
1. In a talking machine, the combination with a motor, a turntable and a reproducer, of a constant speed controlling mechanism, a variable speed controlling mechanism actuated by said reproducer, and a conversion member connected to both said mechanisms and manually operative to alternately throw said mechanisms into operative relation with said motor.

1,624,579. SIGNALING SYSTEM. JOHN C. BURKHOLDER, West End, N. C., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 5, 1922. Serial No. 527,097. 5 Claims. (Cl. 178—44.)



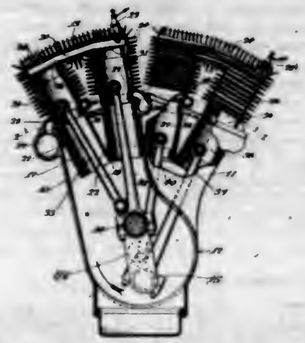
1. In combination, a source of oscillations and a transmission circuit connected to said source through a potentiometer which comprises a resistance, an adjustable contact associated therewith, and equal impedance devices connected between the terminals of said resistance and said adjustable contact.

1,624,580. CONTINUOUS MOVING-PICTURE MACHINE. JOHN P. BURNETT, Chicago, Ill., assignor to Automatic Motion Picture Display Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 5, 1921. Serial No. 450,016. 22 Claims. (Cl. 88—18.7.)



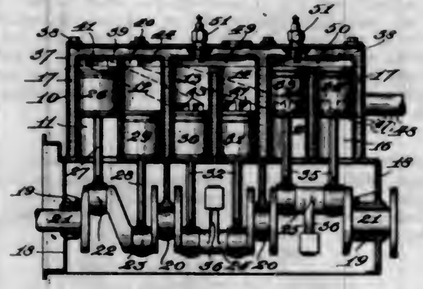
1. The combination with a motion picture apparatus and a film magazine, of a continuous film passing into and out of said magazine; and a pair of co-operating interchangeable oppositely disposed film receiving means, said means being interchangeable by the direct interengagement of the film with, and the application of its tension to one of the film receiving means, substantially as described.

1,624,581. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed May 31, 1923. Serial No. 642,507. 3 Claims. (Cl. 123—53.)



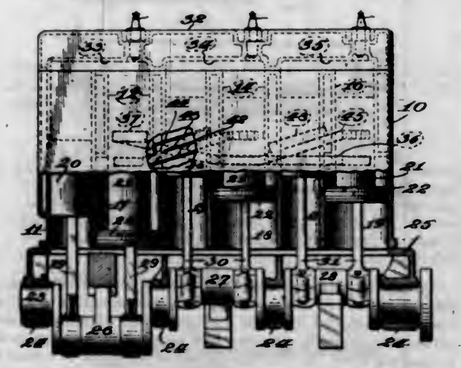
1. In a two stroke cycle internal combustion engine, four combustion cylinders arranged in two pairs, the head ends of the chambers within the members of the respective pairs of cylinders being connected by common compression and combustion clearance chambers thereby forming two dual cylinder combustion chambers, the four cylinders being disposed in different radial planes having a common center, one pair of cylinders occuping one circumferential plane, the other pair of cylinders occupying another circumferential plane and the four cylinders being spaced apart circumferentially so that the entire front and side portions of the four cylinders are wholly exposed to air drafts that are directed rearwardly from the forward end of the engine.

1,624,582. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed June 9, 1924. Serial No. 718,836. 1 Claim. (Cl. 123—53.)



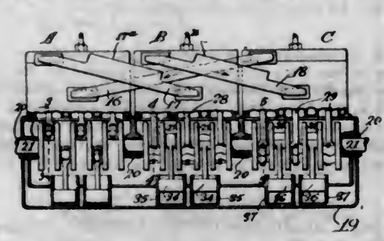
The combination in a two stroke cycle internal combustion engine, of six cylinders, a piston within each of the six cylinders, a crank shaft, a separate connection between each piston and the crank shaft, the six cylinders being arranged in a row parallel with the axis of the crank shaft, a detachable cylinder head having a recess formed in its underside to connect as a common compression and combustion chamber, the first and second cylinders from a given end of the row of six cylinders, a second recess formed in the cylinder head to connect as a common compression and combustion clearance chamber, the third and fourth cylinders from the same end, a third and a fourth recess formed in the underside of the cylinder head, said third and fourth recesses being located so as to register with and provide volume clearance chambers for the fifth and sixth cylinders in the row, there being four crank throws to said crank shaft, two of said crank throws having two bearing peripheries and the other two throws having single bearing peripheries, a counterweight extending from and diametrically opposite the crank throw between the two bearing peripheries of each of the two bearing crank throws, said two bearing crank throws being disposed diametrically opposite to each other, the two single bearing crank throws being arranged diametrically opposite to each other, four main bearings supporting the crank shaft, one main bearing on each end of the crank shaft outside of the cranks, a third main bearing disposed between the pair of single bearing crank throws and one of the two bearing crank throws, the fourth main bearing disposed between the pair of two bearing crank throws, ports formed in the wall of each of the six cylinders, two transfer ducts, one leading from the clearance chamber of the first cylinder at one end of the row of six cylinders to the ports formed in the third cylinder from the same end, the second transfer duct leading from the clearance chamber of the second cylinder from the same end, to the fifth cylinder from the same end, the pistons within one pair of cylinders that are joined by the common clearance recess in the cylinder head being connected by separate connections to the two bearing peripheries of one of the two bearing crank throws of the crank shaft, the two pistons within the second pair of cylinders joined by the second clearance recess in the cylinder head, being connected by separate connections to the other one of the two bearing crank throws, the two cranks to which the pistons of the cylinders that are joined by the transfer ducts being angularly disposed in relation to each other so as to cause the piston within the one cylinder of the pair of cylinders joined by a common clearance recess in the cylinder head, to move sufficiently past crank end dead center to close the ports formed in said cylinder and cut off registration with the respective transfer duct as the piston within the other cylinder of the two by said transfer duct reaches top or head end dead center and ignition means located in each of the two recesses formed in the cylinder head and which connect the members forming the two pairs of combustion cylinders.

1,624,583. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Apr. 9, 1925. Serial No. 21,826. 8 Claims. (Cl. 123—59.)



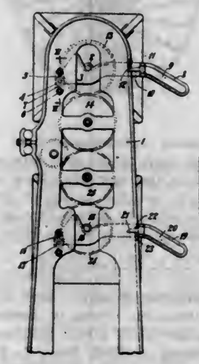
4. The combination with an internal combustion engine having six cylinders, three of which are provided with combustion chambers and with charge volume pumping chambers, of three charge volume transfer ducts arranged between the pumping chambers of said three cylinders and the combustion chambers within the other cylinders of said three cylinders, two of said transfer ducts being shorter than the third duct, a partition arranged within each shorter duct and dividing the space therein into a main chamber and an auxiliary chamber, there being an opening formed through the lower portion of said partition for establishing communication between the main and auxiliary chambers therein and said three ducts being disposed inside the outer walls of the cylinder block.

1,624,584. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed July 27, 1925. Serial No. 46,257. 5 Claims. (Cl. 123—53.)



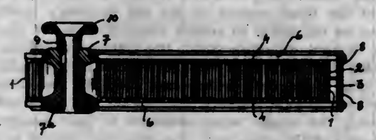
3. In a two stroke cycle internal combustion engine, three units of three cylinders each, the nine cylinders of the three units being arranged in a row, with their axes parallel, each unit comprising a pumping cylinder and a pair of combustion cylinders, the members of each pair of combustion cylinders being connected by a common clearance chamber, a gaseous fuel transfer duct leading from the head end of each pumping chamber to one of the pair of combustion chambers in one of the other of the three units, a crank shaft having three sets of cranks to which the pistons in the three sets of cylinders are respectively connected, the pins of said crank being arranged 120° apart, and means connected to the three sets of the crank shaft for establishing perfect reciprocative and rotary mass balance for the three engine units.

1,624,585. REEL MILL. HERBERT C. CHASE, Stonington, Conn., assignor to Atwood Machine Company, Stonington, Conn., a Corporation of New Jersey. Filed Oct. 6, 1922. Serial No. 592,906. 12 Claims. (Cl. 242—85.)



1. An end frame, a reel shaft, a reel gear mounted thereon, a driving gear meshing with the reel gear, and a support provided with an open bearing for receiving the end of the reel shaft adjacent the reel gear, said support being carried by the end frame and movable to disconnect the reel gear from its driving gear.

1,624,586. MEANS FOR HOLDING FILMS IN SPACED COIL FORMS. LÁSZLÓ CZAKÓ, Budapest, Hungary. Filed Feb. 16, 1922, Serial No. 537,120, and in Hungary Apr. 2, 1921. 6 Claims. (Cl. 95—100.)



1. A device of the class described, comprising, in combination, a hub adapted to receive a strip of film in spiral formation, means for exerting pressure locally on the edges of the film, and means for retaining the coils of said film in spaced relation.

1,624,587. SIREN. THEODORE DECOT, Sauk City, Wis. Filed Oct. 5, 1921. Serial No. 505,623. 4 Claims. (Cl. 116—147.)

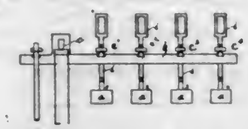
1. In a vertically disposed air siren for projecting upper and lower sound wave bands of different frequencies, the combination of a vertically extending rotor shaft, a cylindrical casing mounted axially of said rotor shaft, said casing having an upper series of apertures and a lower series of apertures, said upper series of apertures exceeding in number said lower series of apertures whereby said upper series of apertures will project an upper band of sound waves of relatively high frequency for projecting sound to a great distance, and said lower series of apertures will project a lower band of sound waves of relatively low frequency for the immediate locality, a rotor in said casing mounted on said vertical shaft, said rotor

comprising a central web portion disposed in a plane between said upper and lower series of apertures, an upper series of substantially flat blades formed integral with said web portion, a lower series of substantially flat blades formed integral with said web portion, said upper series having a greater number of blades than said lower series,



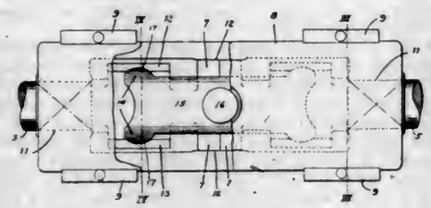
and circumferentially extending flanges projecting from the outer ends of said blades the advancing portion of each flange being to the rear of a plane passing through the axis of rotation and the center of the impelling surface of each blade whereby a free expulsion of air is permitted through the apertures in the casing.

1,624,588. WEIGHING SCALE. HEINRICH AUGUST ESSMANN, Altona-Ottensen, Germany, assignor to the Firm Ottensener Waagenfabrik Albert Essmann & Co., Altona-Ottensen, Germany. Filed Dec. 7, 1925, Serial No. 73,848, and in Germany Dec. 19, 1924. 3 Claims. (Cl. 265—48.)



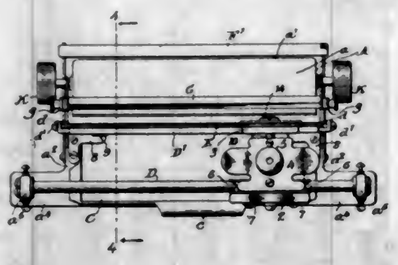
1. In a weighing scale, a weighing beam supported on a knife edge, a series of weights arranged to be set on the weighing beam at prescribed distances from the knife edge of the beam, means to set the normally ineffective weights on the beam to render them effective at the rate of the desired weighing ratio, the means for setting and unsetting the weights including levers and rotatable circular cam disks, both levers and disks corresponding in number to the said weights, notches on the peripheries of the disks, the levers being arranged to bear against the peripheries of the disks and to engage the weights so as to set the weights, when, on rotation of the disks, the notches register with said levers.

1,624,589. DIFFERENTIAL-DRIVING MECHANISM. SAMUEL R. DODDS, Pittsburgh, Pa. Filed Oct. 7, 1925. Serial No. 61,056. 6 Claims. (Cl. 74—7.)



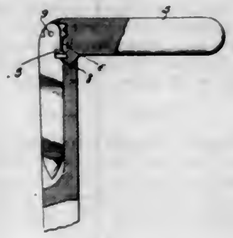
1. The combination with a plurality of end confronting driving shafts each having a lateral abutment, of an outer surrounding armature, a power imparting housing within the armature, and an equalizing bar engaging said abutments within and in rotative connection with the power imparting housing.

1,624,590. ENVELOPE OPENER. EDWARD E. FLEMING, Hagerstown, Md. Filed July 6, 1926. Serial No. 120,781. 18 Claims. (Cl. 164—73.)



13. An envelope opener comprising a reciprocating carriage mounted on a supporting base and carrying a knife rockably mounted thereon and normally yieldingly sustained in inoperable position and adapted to be depressed to operate when the carriage is moved in either a forward or backward direction, a knife guide, and means for holding an envelope with one end or margin thereof in position to be severed by the knife when moving in either direction.

1,624,591. CANE. RIVES FLEMING, Richmond, Va. Filed Apr. 9, 1926. Serial No. 100,952. 4 Claims. (Cl. 135—47.)

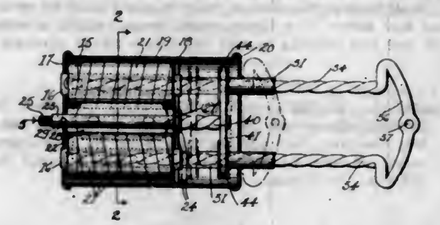


3. A combination of a cane having a handle at right angles to the body thereof, a blade pivoted at the joint of the handle and the body of the cane, a spring positioned in the cane, said spring resting against the face of the blade to force the blade into an open position, in alinement with the handle of the cane, said handle acting as a weight to direct the point of the blade.

1,624,592. BLADE-STROPPING DEVICE. GEORGE D. GALLAGHER, Phoenix, Ariz., assignor, by mesne assignments, of part interests to Nannie F. Hoos, Ruth B. Walten, Baltimore, Md.; Callie F. Moore, Washington, D. C.; and J. March Matthews, Baltimore County, Md. Filed Aug. 5, 1919, Serial No. 315,517. Renewed Aug. 22, 1925. 19 Claims. (Cl. 51—86.)

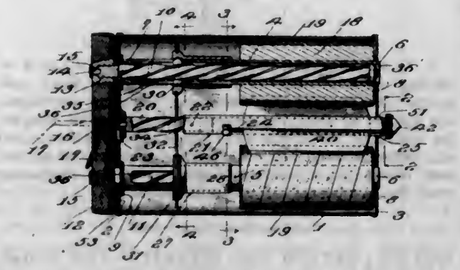
4. A safety razor blade stropper comprising an enclosing casing, rotatable stropping means journaled therein and held against endwise movement, an angularly shiftable blade holder support journaled therein in spaced

relation to said stropping means, a driver reciprocable into and out of said casing axially of said stropping means and blade holder support, and devices operatively



connecting said driver with said stropping means and blade holder support whereby to position said blade holder support and to rotate said stropping means.

1,624,593. SAFETY-RAZOR-BLADE STROPPER. GEORGE D. GALLAGHER, Washington, D. C., assignor, by mesne assignments, of part interests to Nannie F. Hoos and Ruth B. Walten, Baltimore, Md.; Callie F. Moore, Washington, D. C.; and J. Marsh Matthews, Baltimore County, Md. Filed July 28, 1921. Serial No. 488,102. 18 Claims. (Cl. 51—86.)



7. A device of the class described comprising an enclosing casing, slotted tubes rotatably journaled therein, stropping rolls carried by said tubes, spiral members reciprocable through said tubes, spools slidingly mounted on said tubes, balls carried by said spools and projecting through the slots of said tubes to contact with said spiral members, a blade holder including a spiral portion mounted in said casing, a bridge piece connected with said spools and having an angular bore slidingly engaging said spiral of the work holder, whereby said blade holder is positioned and said stropping rolls are rotated on reciprocation of said spiral members.

1,624,594. METHOD FOR COMPENSATING FOR UNEVENNESS IN PRINTER'S TYPE. LESLIE J. GOULD and ROBERT GOULD, Toronto, Ontario, Canada. Filed May 28, 1926. Serial No. 112,390. 3 Claims. (Cl. 101—401.3.)



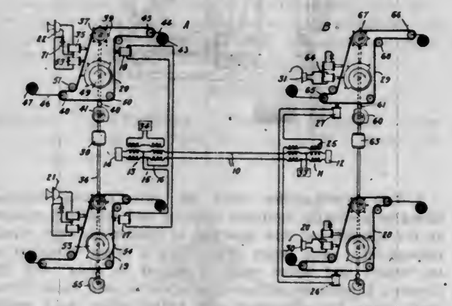
1. The method of compensating for unevenness in printer's type which consists in placing a number of sheets of waxed tissue upon the cylinder or platen of a press, taking an impression of the set-up type thereupon, cutting out of the waxed tissues certain impressions, and placing these tissues as a pad beneath the packing to serve as a make-ready.

1,624,595. ATTACHMENT TO ELECTRIC INSULATION. ARTHUR HADDOCK, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 3, 1922. Serial No. 565,666. 4 Claims. (Cl. 85—13.)



1. In combination, a body having an edge, said body being composed of material too weak to withstand a substantial strain on screw threads therein, an element attached to said edge, and means, including a circular plug having an expanded head completely filling an exposed end of a hole in said body, and a screw threaded into said plug at a substantial angle to the axis of said plug for clamping said element against said edge.

1,624,596. SIGNALING METHOD AND SYSTEM. RALPH V. L. HARTLEY, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 24, 1920. Serial No. 432,984. 15 Claims. (Cl. 179—15.)

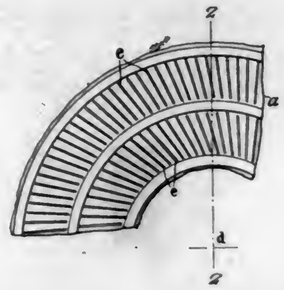


1. The method of signaling which comprises periodically transmitting to a signaling line segments of speech signals from a source at a greater speed than received from said source, and periodically and alternately transmitting to said line segments of speech signals from another source at a greater speed than received from said other source whereby the segments of speech signals from both sources are transmitted over said line without overlapping.

1,624,597. METHOD OF MANUFACTURING BALL ROLLING DISKS. HENRY LEONARD HEATHCOTE, Coventry, England, assignor to Rudge-Whitworth Limited, Coventry, England. Filed Feb. 6, 1922, Serial No. 534,502, and in Great Britain Mar. 2, 1921. 7 Claims. (Cl. 29—148.)

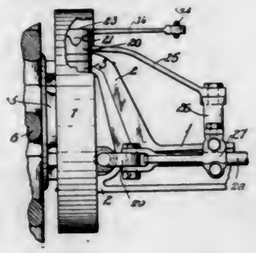
1. A method of preparing hardened disks or like appliances for finishing rough blanks for bearing balls or the like, comprising forming one or more concentric

grooves in said disks, subjecting said disks to a hardening process and then to any necessary truing or rectifying of the said grooves as by running with balls in posi-



tion, grinding or the like, and finally forming sharp-edged channels across the surface of the groove or grooves by etching.

1,624,598. STEERING-WHEEL BRAKE. EDMUND G. HEINZELMAN, Belleville, Ill. Filed Aug. 27, 1923. Serial No. 659,520. 5 Claims. (Cl. 188—194.)



3. The combination with an axle having steering knuckles pivotally mounted thereon and wheels journaled on the spindles of said knuckles of brakes for said wheels respectively, each brake comprising a drum mounted on the wheel and brake shoes mounted to turn with the steering knuckle in operative relation to said brake drum, and means for actuating said brake shoes, said means comprising counterpart cam members mounted concentric with the axis of said knuckle opposite the gap between the brake shoes, said cam members being mounted to turn with the knuckle and also being rotatable independently of the knuckle.

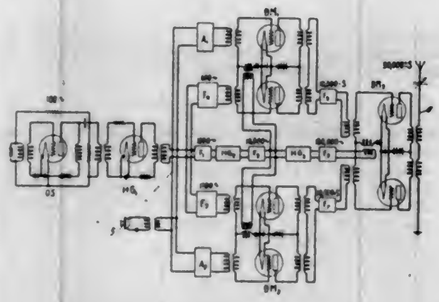
1,624,599. MANUFACTURE OF FIBER BOARD. ROBERT W. HILTON, deceased, late of Cincinnati, Ohio, by Danesi M. Hilton, executrix, Cincinnati, Ohio, assignor to The Kemper-Thomas Company, Norwood, Ohio, a Corporation of Ohio. Filed Nov. 1, 1923. Serial No. 672,208. 1 Claim. (Cl. 92—21.)

The process of manufacturing weather resistant fiber board, which consists in thoroughly mixing fiber pulp in an aqueous solution of soap and treating the pulp with lead acetate to precipitate insoluble lead soap in intimate admixture with said fiber, the quantity of soap required being sufficient to provide approximately not over three per cent by weight of insoluble soap on the basis of the pulp used.

1,624,600. COLORED-VAPOR SIGNAL. THOMAS G. HITT, Seattle, Wash. Filed Dec. 24, 1926. Serial No. 156,999. 6 Claims. (Cl. 52—24.)

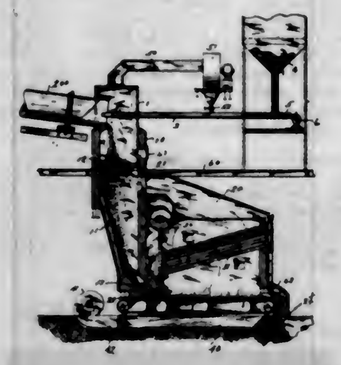
6. A colored transparent vapor signal formed by spraying into moist air a liquid which fumes readily in moist air and has coloring matter intimately mixed therewith.

1,624,601. SECRET COMMUNICATION. JOSEPH W. HORTON, Bloomfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 2, 1923. Serial No. 648,903. 38 Claims. (Cl. 178—44.)



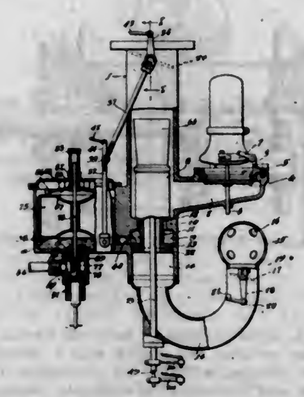
1. In signaling in which the signal is revealed at a receiving point by derivation from a carrier wave component and components containing signaling variations, the method of obtaining secrecy in transmission comprising replacing the carrier wave component by a component of a different frequency, transmitting the wave so altered, and deriving at a receiving point the carrier component from the component of different frequency.

1,624,602. METHOD AND APPARATUS FOR UTILIZING HEAT. DAVID S. JACOBUS, Jersey City, and ARTHUR D. PRATT, Short Hills, N. J., assignors to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed Mar. 5, 1923. Serial No. 622,872. 8 Claims. (Cl. 122—27.)



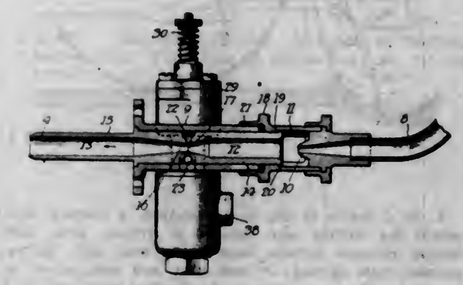
1. The method of utilizing heat contained in preheated, divided, solid, non-combustible material from a furnace, which consists in conveying the heated material from the furnace which produces it to a point beneath a boiler heating surface to heat the same by the radiant heat of the material, forcing air through the material beneath said heating surface and across said heating surface and then into contact with a portion of said material before it is carried beneath said heating surface and then utilizing the reheated air in the furnace producing said heated material to support combustion therein.

1,624,603. CARBURETOR. CHARLES F. L. KAUFMANN and WALTER L. KAUFMANN, Santa Ana, Calif. Filed Oct. 28, 1918. Serial No. 260,042. 2 Claims. (Cl. 261—78.)



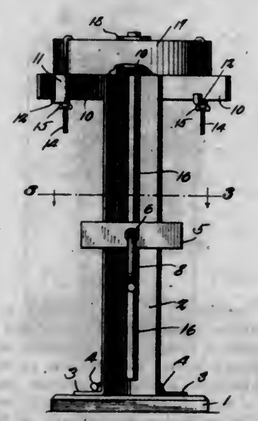
1. In a carburetor, three stationary concentric nozzle tubes forming intermediate fuel passages, the inner tube forming an air passage of fixed area, annular heads carried by the middle tube axially adjustable thereon and cooperating with the upper ends of the inner and outer tubes respectively to form an annular fuel discharge orifice for each fuel passage, said adjustable heads having concentric air passages of fixed area, means for adjusting the heads to vary the sizes of the orifices, and means to supply fuel to the spaces between the tubes.

1,624,604. CARBURETOR. THOMAS W. KINGS, Harvey, Ill., assignor to Ira E. Burtis, Beaver Dam, Wis. Filed May 17, 1923. Serial No. 639,521. 2 Claims. (Cl. 123—127.)



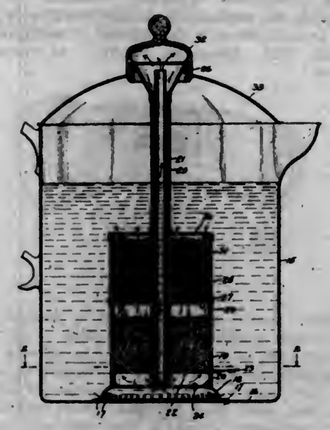
1. A charge-forming device of the class described comprising a Venturi tube, an intake manifold with which said Venturi tube is in communication at one of its ends, a fuel passageway in communication with said Venturi tube near its point of smallest diameter, a valve for controlling the level of fuel in said passageway, and means for operating said valve, said means being subject for operation, to the aspiratory action of said Venturi tube and the level of the liquid in said passageway.

1,624,605. BABBITTING FRAME. CLEMENS JOHN KUSCHEL, Brown Valley, Minn. Filed May 24, 1926. Serial No. 111,339. 2 Claims. (Cl. 22—123.)



1. In a device of the class described, a standard having transverse arms, holders adjustable on the arms in a direction parallel to the axis of the standard and in a direction at right angles to the axis of the standard, and a clamping means cooperating with the standard intermediate the ends of the standard.

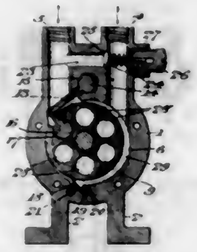
1,624,606. COFFEEPOT. FRANKLIN EDWARD LANE, Nacozari, Mexico. Filed May 19, 1926. Serial No. 110,202. 6 Claims. (Cl. 53—3.)



1. A coffee pot comprising a receptacle adapted to contain water, a coffee container in the receptacle, a filtering device in the receptacle, and means operating when

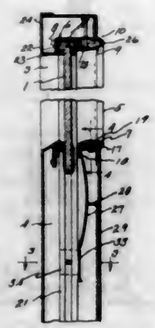
the water in the receptacle boils to cause the boiling water to circulate through the coffee container and then through the filtering device, and finally discharging back into the receptacle.

1,624,607. PUMP. GEORGE W. LEIMAN, Newark, N. J., assignor to Leiman Bros., New York, N. Y., a Copartnership composed of William H. Leiman, George W. Leiman, Gustave A. Leiman, Edward C. Leiman, and John Leiman. Filed Dec. 16, 1921. Serial No. 522,874. 2 Claims. (Cl. 103—132.)



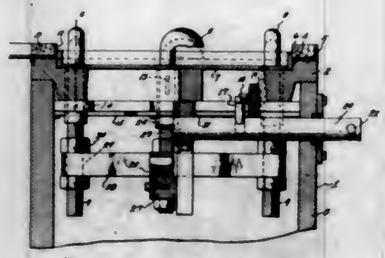
1. A pump comprising a casing having a cup shaped cylindrical chamber formed therein, inlet and outlet ports for said chamber, a rotary shaft provided with a crank, a cylindrical piston having substantially an uninterrupted working periphery of a slightly smaller diameter than the diameter of said chamber and mounted on said crank in position to be oscillated eccentrically in the chamber, a link comprising a short arm and a straight long arm disposed at right angles to each other, the free end of said short arm being connected to the piston and the long arm linked to the casing between the inlet and outlet ports, a cavity in the wall of the chamber adjacent the outlet port for housing said link, whereby the movement of the long arm will open and close the outlet port, a spring actuated curved wing hinged in the casing and having its free end arranged to extend into the chamber in position to engage the bottom of the working periphery of the piston, and a plate secured to the casing for covering the chamber, piston, wing, link and cavity.

1,624,608. WINDOW FRAME. HERMAN C. MAISE, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Aug. 27, 1923. Serial No. 659,671. 13 Claims. (Cl. 296—48.)



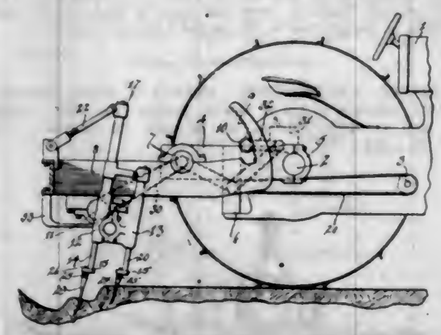
10. In combination, a door having a window opening, and an inturned lateral flange below said opening, a removable window frame in said window opening, and a yieldable element carried by said frame and engaging said inturned lateral flange so as to maintain said window frame in a predetermined position in said opening.

1,624,609. JIG. HERMAN C. MAISE, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Feb. 1, 1924. Serial No. 692,138. 15 Claims. (Cl. 144—288.)



1. A work holder including a table top having opposite work seating portions and formed with a depression between said portions, a frame for positioning the work arranged in said depression between said marginal seats and projecting above said seats, and clamping members extending above said frame and engageable with the work to secure it upon said seats.

1,624,610. SPADING DEVICE. OSCAR AKE MATSON, Chicago, Ill. Filed Mar. 6, 1926. Serial No. 92,869. 3 Claims. (Cl. 97—36.)



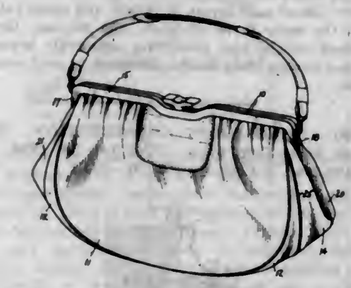
1. In a device of the type described, a spading unit, means for moving said unit in a circular path, rods having recesses therein disposed in said unit, spring-pressed balls carried by said unit and adapted to be received within said recesses for holding said rods in a predetermined position, and a plurality of excavating tools flexibly disposed at the lower ends of said rods, said spring-pressed balls being forced out of the recesses when said tools strike an obstacle, and means for moving said rods back into operative position.

1,624,611. HAND BAG. CHARLES J. MCCABE, Brooklyn, and IRVING SCHOENHOLZ, Far Rockaway, N. Y., assignors to McCabe and Schoenholz, Inc., New York, N. Y., a Corporation of New York. Filed June 9, 1926. Serial No. 114,707. 5 Claims. (Cl. 150—30.)



1. In a hand bag, a pair of side elements, and a connecting portion extending around the ends and bottom of the bag between said side elements and attached thereto, said connecting portion including a plurality of strips joined together along their longitudinal edges.

1,624,612. HAND BAG. CHARLES J. MCCABE, Brooklyn, and IRVING SCHOENHOLZ, Far Rockaway, N. Y., assignors to McCabe and Schoenholz, Inc., New York, N. Y., a Corporation of New York. Filed June 10, 1926. Serial No. 114,903. 14 Claims. (Cl. 150—30.)



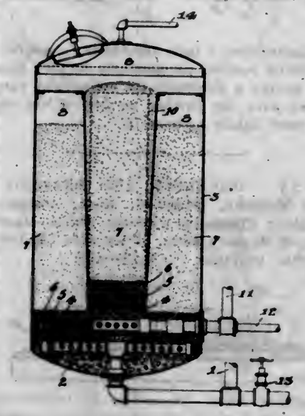
3. In a hand bag comprising pivoted frame members and side walls carried thereby, a gusset adapted to form the bottom and end walls of the bag, said gusset having end wall portions made up of two substantially triangular sections associated with each other in a manner whereby a variable shape may be imparted to the end wall portions by suitably designing said sections.

1,624,613. PISTON PACKING. THURLOW E. MCFALL, Sparta, Mich. Filed June 14, 1926. Serial No. 115,806. 6 Claims. (Cl. 74—109.)



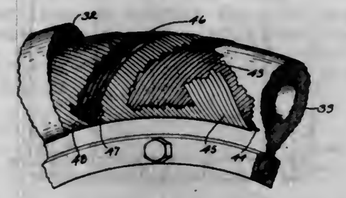
1. A piston packing comprising a flat disc formed with a helical slot, the inner end thereof starting a short distance from the center of the disc and progressively approaching the periphery of said disc and joining with a gap cut inwardly from the outer edge of the disc, substantially as described.

1,624,614. TWO-FLOW BASE-EXCHANGE WATER SOFTENER. CHESTER T. MCGILL, Elgin, Ill., assignor to Reiter Company, Elgin, Ill., a Corporation of Illinois. Filed Nov. 14, 1925. Serial No. 69,078. 2 Claims. (Cl. 210—24.)



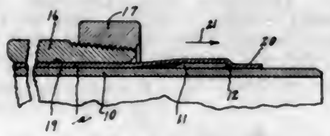
1. A base exchange water softener comprising a tank, an auxiliary container within the tank, multiple layers of filtering material in the tank and in the container, base exchange material supported on the filtering material, means for introducing liquid selectively in the tank and container below the filtering material, the tank and container being in open communication so that the fine loose exchange material may be carried from one bed to the other by the flow of liquid through the apparatus in either direction.

1,624,615. METHOD OF MAKING TIRE CASINGS. THOMAS MIDGLEY, Hampden, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed June 17, 1921. Serial No. 478,303. 1 Claim. (Cl. 154—14.)



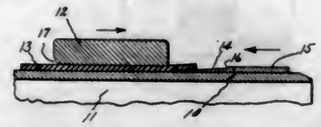
The method of building a tire casing consisting in laminating in plies rubberized building elements carrying an amount of rubber in excess of that required for the normal purpose of the elements and sufficient of itself to fill the spaces between the elements, such elements being located closely adjacent each other near the bead edges of the tire and gradually diverging from one another adjacent the tread portion of the tire, molding the tire under pressure and thereby causing the excess rubber carried by the elements to fill the spaces between the elements, and vulcanizing the tire.

1,624,616. BEVELING AND SEALING CLAMP. THOMAS MIDGLEY, Hampden, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed July 24, 1925. Serial No. 45,900. 4 Claims. (Cl. 18—43.)



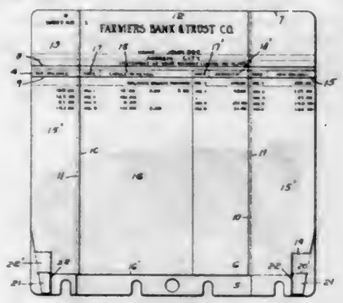
1. In combination, a tube vulcanizing mandrel having a tapered skiving portion permanently located thereon, and a member having a substantially cylindrical bore adapted to be drawn over the skiving portion of the mandrel to press the tube tightly against it.

1,624,617. BEVELING AND SEALING CLAMP. THOMAS MIDGLEY, Hampden, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed July 24, 1925. Serial No. 45,901. 2 Claims. (Cl. 18—43.)



1. A tube beveling and sealing clamp comprising a sleeve having a bore of a size presenting a snug running fit over the mandrel upon which the clamp is to be used and provided on its outer surface with a tapered end portion and a cylindrical portion separated from each other by a slight shoulder, and a ring having a bore of a size presenting a snug running fit over the cylindrical portion of the sleeve.

1,624,618. COMBINED STATEMENT AND LEDGER SHEET. GEORGE O. MOBLEY, Heath Springs, S. C. Filed June 8, 1926. Serial No. 114,548. 2 Claims. (Cl. 282—27.)



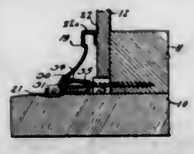
1. A combined ledger and statement sheet for posting machines, comprising a single section of paper folded transversely upon itself for providing upper and lower sheets, the upper section of paper having perforations at the transverse fold whereby the leading ends of the upper and lower sheets are relatively rigidly and detachably connected to positively prevent relative longitudinal movement between said leading ends, the upper sheet only having longitudinal perforations, which lead to the transverse perforations, the lower and upper sheets being longitudinally ruled for providing an intermediate statement section and outer side balance strips, the statement section and the strips having proper heading designations, the statement section of the upper sheet being adapted to be torn along the longitudinal and transverse lines of perforations and thereby separated from the lower sheet and balance strips of the upper sheets, and flat means affording a longitudinally sliding connection between the free end of each balance strip and the lower sheet, whereby a sheet of carbon paper may be properly held between the upper and lower sheets and the sheets will not pucker when being rapidly fed through the posting machine, the flat connecting means serving to retain the trailing ends of the balance strips to the lower sheet when the statement sheet is torn therefrom, the balance strips being free from connection with the lower sheet except at the leading and trailing ends.

1,624,619. TIRE PATCH. LEE R. MOORE, Kansas City, Mo. Filed May 3, 1926. Serial No. 106,407. 1 Claim. (Cl. 152—26.)



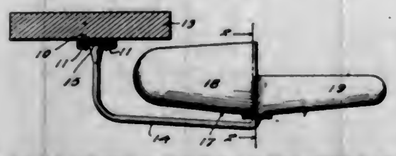
A tire patch comprising an inner layer of fabric, an outer layer of fabric, cementing material between said layers, stitching extending through said layers and said cementing material, a layer of uncured rubber overlying the outer side of said layers of fabric, and tacks extending through the outer layer of fabric and through the layer of uncured rubber and projecting outwardly beyond the latter and having their heads embedded in said cementing material.

1,624,620. STORE-FRONT CONSTRUCTION. BON E. MYERS, Sioux City, Iowa. Filed July 19, 1926. Serial No. 123,266. 9 Claims. (Cl. 20—564.)



1. In a store front construction, a pair of sash members to engage the respective sides of a pane of glass, one of said members having a threaded opening, and a tie link having a threaded connection with the other sash member and a threaded portion threaded through said opening so that rotation of the link will simultaneously advance it in the same direction relative to both members, said link having a portion adapted by contact with the member having the threaded opening, to limit the rotation of the link in said opening.

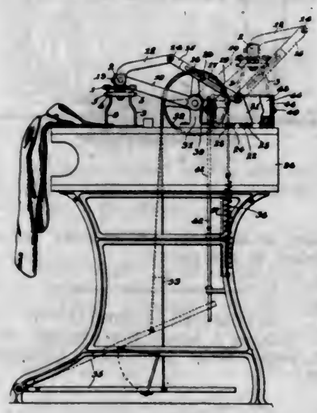
1,624,621. ASH TRAY. INGLE R. NAUGLE, Anna, Ohio. Filed Feb. 25, 1926. Serial No. 90,614. 3 Claims. (Cl. 131—51.)



3. An ash receiver comprising a substantially L-shaped member including relatively long and short arms and having means for slidable and rotatable attachment to a

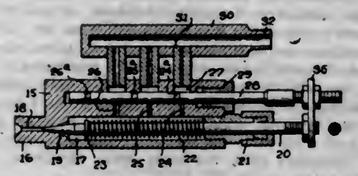
support, the long arm being terminally formed with an upturned tapering portion provided with a disk at its base, and a tray comprising an elongated member having a receptacle on one end and opening in the direction of the other end, an inclined cigar supporting chute at the other end of the tray leading into the open end of the receptacle, the intermediate portion of the bottom of the tray being formed with a tapered socket receiving said tapering upturned portion whereby the tray is rotatably and readily removably supported on the arm.

1,624,622. MULTIPLE MARKER AND SPACER. OLIVER J. PECTAL and ELTON J. PALMER, Philmont, N. Y. Filed Nov. 13, 1925. Serial No. 68,840. 2 Claims. (Cl. 33—190.)



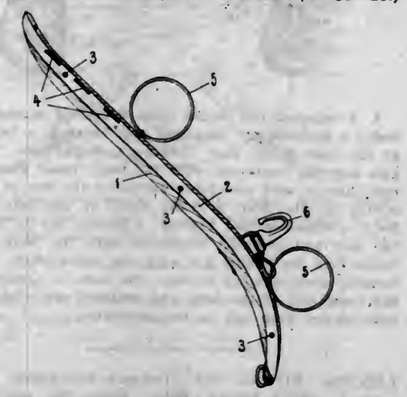
1. A device comprising a multiple marker, a collapsible bracket supported on a suitable portion of the device, marking finger holders connected to the bracket and marking fingers in the holders, the collapsible bracket being adapted for adjusting the distance between the finger holders and maintaining them in adjusted position, means for inking the marking fingers consisting of an ink receptacle, a revolvable ink pad in the receptacle, and means for revolving said ink pad and for bringing the marking fingers in contact with the ink pad and for returning the fingers to the position for marking.

1,624,623. ART OF SUPPLYING FUEL TO EXPLOSIVE ENGINES. HERMAN PEDERSEN, Bathbeach, N. Y. Filed Apr. 14, 1922. Serial No. 552,804. 5 Claims. (Cl. 123—180.)



2. An apparatus of the kind described comprising a casing secured to the intake pipe of an internal combustion engine and having a chamber therein communicating with said intake pipe, a spring actuated valve in said chamber, a second chamber in said casing, a valve in said second chamber, ports of varying size connecting said two chambers, a second casing receiving acetylene gas, means connecting said second casing and said second chamber and having ports therethrough corresponding in size with said first mentioned ports, ports in said second named valve corresponding in size with said first mentioned ports but spaced apart a greater distance than the ports connecting said first and second named chambers, means connecting said two valves to move the same simultaneously.

1,624,624. HAME FOR DRAFT HORSES OR MULES. AGLIBERT PILLET, Buenos Aires, Argentina. Filed Aug. 20, 1924. Serial No. 733,212. 1 Claim. (Cl. 54—25.)

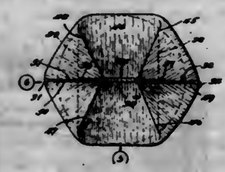


The combination in hames for draft animals, of a wooden member constituting the support for the usual connecting rings and hooks with a metallic reinforcement of substantially right angled cross-section one face of which is disposed on that portion of the hame which is to the rear with regard to the line of draft and the other face disposed on the outer face of the hame adjacent thereto.

1,624,625. PROCESS FOR DESULPHURIZING COAL, WATER, OR MIXED GASES FOR ILLUMINATING OR HEATING. EMIL RAFFLOER, Duisberg-on-the-Rhine, Germany, assignor of one-half to Wm. E. Leuchtenberg, New York, N. Y. Filed Jan. 8, 1925. Serial No. 446. 6 Claims. (Cl. 23—3.)

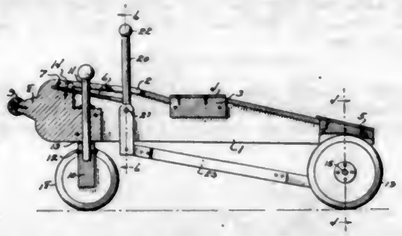
1. A process for desulphurizing gases, consisting of introducing the gas to be purified and blowing purifying material in a finely divided form into a desulphurizing chamber where sulphur absorption takes place.

1,624,626. BAG OR LINING. FRANCIS T. ROBINSON, Brooklyn, N. Y., assignor to Arkell Safety Bag Company, New York, N. Y., a Corporation of New York. Filed Feb. 9, 1923. Serial No. 617,938. 9 Claims. (Cl. 229—53.)



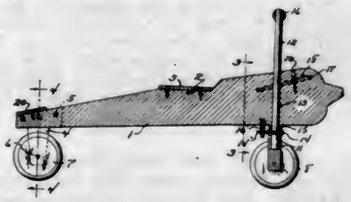
1. A one piece crinkled paper bag having a formed flat bottom suitable for lining containers, and made from a one piece flat crinkled paper bag blank with unformed bottom, said bag having a predetermined peripheral crease around the closed end of the blank and having the closed corner portions of the blank spread out and folded against the bottom to provide a formed one-piece flat bottom defined by said crease and which bottom is stretchable throughout its periphery.

1,624,627. RIDING TOY. DORMAN SCHAEFFER, Helena, Mont. Filed July 2, 1926. Serial No. 120,146. 2 Claims. (Cl. 208—42.)



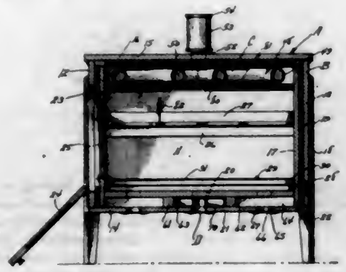
1. A wheeled toy of the class described comprising a body, a horizontally arranged seat thereon, a tail piece at the rear of the body forming a second seat, a front axle movably connected with the body, front wheels carried thereby, said axle being moved by the feet of a child sitting on the seat, a crank shaft at the rear of the body, a wheel carried thereby, a handle bar in front of the seat and pivotally connected with the body, a link connecting the handle bar with the crank shaft, a wing forming strip passing through the body, a projection at the front end of the body and resilient material on the ends of the wing and on the projection.

1,624,628. RIDING TOY. DORMAN SCHAEFFER, Helena, Mont. Filed July 2, 1926. Serial No. 120,147. 3 Claims. (Cl. 208—165.)



1. A device of the class described comprising a body, wheels connected with the rear end of the body, a seat fastened to the upper edge of the body, a front axle, a wheel carried thereby, a steering post rotatably supported by the body and held against other movements, means for connecting the post to the axle and interengaging members connected with the body and post for limiting the turning movement of the post and axle.

1,624,629. INCUBATOR. AARON A. SCOTT, Tigrett, Tenn. Filed May 10, 1924. Serial No. 712,376. 2 Claims. (Cl. 119—42.)



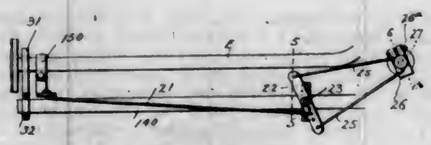
1. In an incubator, the combination with a body having an egg compartment therein and a lower wall including spaced inner and outer plates, longitudinally extending partitions disposed between the plates forming a centrally disposed chamber and side chambers, the side chambers having air inlet and air outlet openings formed therein, a water tray arranged within the central chamber having a flue therethrough, the lower plate having an opening communicating with the flue, the inner plate having openings communicating with the opposite ends of the central chamber all and for the purpose specified.

1,624,630. INDUCTANCE DEVICE AND METHOD FOR MANUFACTURING THE SAME. WILLIAM J. SHACKELTON, Scotch Plains, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 21, 1921. Serial No. 471,371. 10 Claims. (Cl. 178—46.)



1. A block of iron dust core material, and a coil of wire imbedded in said block.

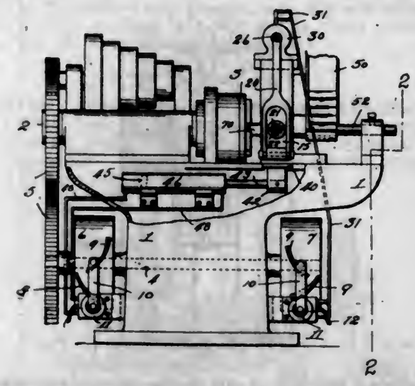
1,624,631. AUTOMATIC CARBURETOR ADJUSTMENT. WILLIAM J. SHORT, Heber Springs, Ark. Filed Nov. 7, 1923. Serial No. 673,397. 5 Claims. (Cl. 261—39.)



2. The combination of a carburetor valve and the exhaust pipe of an internal combustion engine, such exhaust pipe being free to move longitudinally under temperature changes due to exhaust gases passing through such pipe, a device connected with and partaking of such longitudinal movement of the exhaust pipe, the point of connection between said device and exhaust pipe being a substantial distance from the carburetor valve, and an operative connection between said device and the carburetor valve for transmitting to the valve the longitudinal movement of the exhaust pipe, such connection situated to be substantially unaffected by heat from the exhaust pipe and said operative connection comprising means to multiply the motion transmitted from the exhaust pipe consisting of a lever and its pivot and a movable member engaging the lever at different distances from the lever pivot, the lever moving member being nearer the pivot.

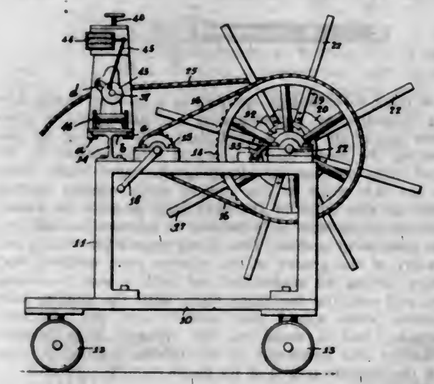
1,624,632. NIPPLE-THREADING MACHINE. NEVIN B. SMITH, Hamburg, Pa. Filed June 10, 1926. Serial No. 114,880. 3 Claims. (Cl. 10—105.)

2. In a nipple threading machine, the combination of a rotatable cutter head, a nipple engaging jaw, pneumatic means comprising a cylinder and connected valves for moving the jaw toward and away from the cutter head, pneumatic means comprising a cylinder and connected valves for opening and closing the jaw, with drums having cams thereon for actuating the



valves, a feed chute carried by the jaw and movable therewith, and a nipple ejector in alinement with the lowermost nipple in the chute.

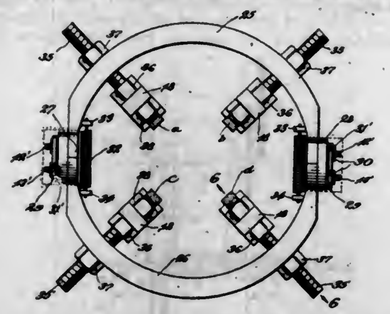
1,624,633. MEASURING AND REELING DEVICE. EUGENE D. SPOERRI, Omaha, Nebr. Filed July 1, 1926. Serial No. 119,858. 7 Claims. (Cl. 33—129.)



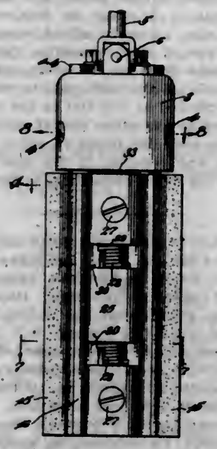
2. In a measuring and reeling device for flexible strands, a frame, a rotatable shaft journalled on the frame, a strand-holder rotatable with the shaft for moving a strand, a base-block disposed approximately parallel with the shaft and secured to the frame, a standard mounted slidingly on the base-block, a recording device on the standard, a spindle journalled in the standard, a measuring-wheel mounted on the spindle adapted to engage and to be rotated by the strand, a cam on the spindle, and a link movable with the cam for actuating the recording device.

1,624,634. GRINDING TOOL. PERL LEE STARR, Chicago, Ill. Filed Oct. 10, 1923. Serial No. 667,681. 10 Claims. (Cl. 51—206.)

1. A device for grinding a surface of revolution by rotation of the work or device, one with relation to the other, comprising two or more grinding tools having abrading surfaces adapted to lie in the surface of revolution of the work or device, means to support said tools with their abrading surfaces in said surface of revolution comprising two or more members, each carrying one or more of said tools and means to connect said members so that the members and the tool or tools each carry may move toward or from the axis of said surface of revolution but in so doing must move axially one member and its tool or tools with reference to another and the tool or tools of the latter.



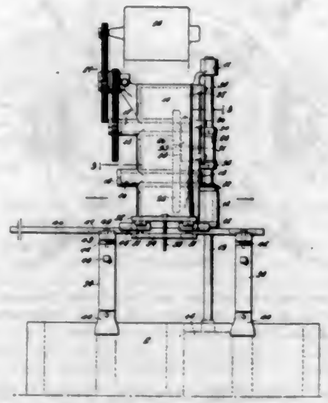
1,624,635. CYLINDER-GRINDING TOOL. PERL LEE STARR, Chicago, Ill. Filed Oct. 24, 1923. Serial No. 670,441. 9 Claims. (Cl. 51—206.)



1. A grinding tool comprising independent sections, means connecting the sections to compel a relatively axial movement thereof during any movement of the sections toward and from each other, a cap fitting one end of the sections, means for connecting one of the sections to the cap, abrading elements carried by and projecting outwardly beyond the sections, and means whereby the cap may be connected to a driving element for simultaneously rotating the sections without interfering with their relative movement.

9. A grinding tool comprising independent sections, means connecting the sections to compel a relatively axial movement therefor during any movement of the sections toward and from each other, each of the sections being formed with recess opening through the outer surface, abrading element carrying members adapted to bear on the outer surface of the sections, said members having projecting portions to seat in said recesses, a clamping bar adjustable relative to each section and adapted to engage and hold a plurality of members in fixed relation to the sections, and springs carried by the clamping bars and underlying said members to compel a movement of the members from the section when permitted by the adjustment of the clamping bar.

1,624,636. PORTABLE HONING OR LAPPING MACHINE. HENRY STRAND, Cleveland, Ohio. Filed Dec. 10, 1924. Serial No. 754,977. 2 Claims. (Cl. 51—245.)



1. In a portable lapping machine, a vertical shell-like frame, substantially V-shape in transverse section to form one open side, vertically alined bearings at the open side of said frame, a shaft extending through said bearings, a cross-head fixed to the shaft, guides carried by the opposed walls of the open side to engage the cross-head, a crank pivoted at one end to the cross-head, a rotary shaft fixed to the other end of said crank, gearing arranged in the shell-like frame to effect reciprocation of the cross-head and rotation of the shaft, and external drive gear having drive connection to the other gearing.

1,624,637. DYESTUFFS AND PROCESS OF MAKING SAME. FRITZ STRAUB, Basel, and HERMANN SCHNEIDER, Riehen, near Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Filed Mar. 6, 1925. Serial No. 13,626, and in Switzerland Mar. 20, 1924. 11 Claims. (Cl. 260—12.)

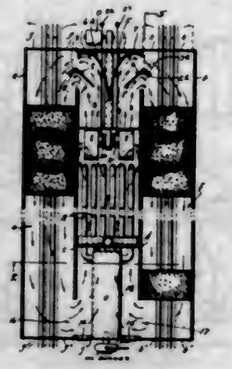
8. As new products the herein described new chromium compounds deriving from the o-hydroxyazodyestuffs prepared from diazotized 1-hydroxynaphthalene-8-sulphamide-2-amino-4-sulphonic acid and naphthols, which products form violet-brown to black powders, dissolving in water to solutions with bluish-violet to greenish-blue colorations and red-violet to violet colorations by addition of caustic soda, dyeing wool in an acid bath dark red-blue to greenish-blue fast tints.

1,624,638. RESIN AND PROCESS OF MAKING THE SAME. CHARLES O. TERWILLIGER, Beacon, N. Y., assignor to Fritz V. Briesen, trustee, New York, N. Y. Filed July 5, 1923. Serial No. 649,720. Renewed Feb. 7, 1927. 7 Claims. (Cl. 260—4.)

1. A resin which contains in combination a phenolic body, a ketone and a formaldehyde body, and which has been produced by permitting such substances to react simultaneously.

1,624,639. FRUIT DRIER. JOHN T. THOMASEN, Carlton, Oreg. Filed Oct. 26, 1926. Serial No. 144,302. 8 Claims. (Cl. 34—46.)

1. In a fruit drier a housing divided by partitions into two parallel drying chambers separated by an intermediate passageway, outwardly curved deflector-walls located in said intermediate passageway in the outlet end of the drier, the interior ends of said deflector-walls converging to the medial line of said intermediate passageway, heat generating means located in said intermediate passageway, independently operable means for circulating the



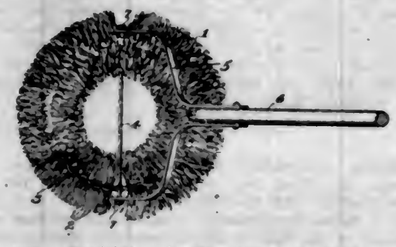
heated air thru each of said drying chambers individually and doors controlling the communication of the intermediate passageway with the drying chambers respectively.

1,624,640. RAZOR-BLADE HOLDER. WALTER M. TIETZ, Newark, N. J. Filed Aug. 3, 1925. Serial No. 47,803. Renewed Mar. 8, 1927. 1 Claim. (Cl. 30—25.)



A razor blade holder, comprising a tubular handle having extending on approximately a similar relative plane from one of its ends a fixed rigid strip member for supporting the razor blade, a second strip slidable on the fixed strip member for clamping the razor blade, hooks on the side edges of the slidable strip member overlapping the side edges of the fixed strip member for loosely holding the slidable strip member in movable contact with the fixed strip member, two spring fingers protruding outwardly of the groove of the slidable strip member, each finger having an unattached end with a bead for engaging and carrying the razor blade with the slidable strip member when moved from contact with the fixed strip member, and a stem on the slidable strip movable inwardly and outwardly of the tubular handle for moving the slidable strip and its finger.

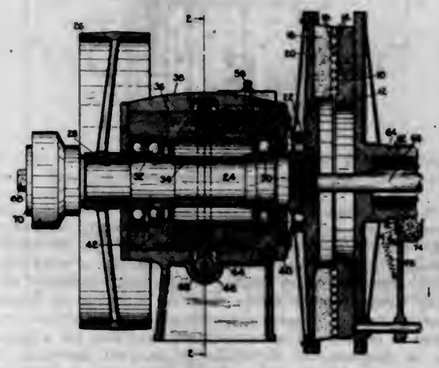
1,624,641. MOP. HENRY M. VAN DEUSEN, Westfield, Mass. Filed May 1, 1926. Serial No. 106,063. 1 Claim. (Cl. 15—229.)



A mop comprising a handle, forked brackets secured on opposite sides of said handle near one end thereof and extending in opposite directions laterally therefrom, a ring formed of a plurality of strands of wire twisted around each other and having mop material secured be-

tween said strands by the twisting thereof, a rod passing diametrically through said ring between the twisted strands thereof and rigidly fixed thereto and having its opposite ends projecting through said ring and pivoted in the free ends of said brackets, said ring and material being freely rotatable with said rod in either direction through the space between said brackets.

1,624,642. GRINDING MACHINE. ALBERT VUILLEUMIER, Bristol, Conn., assignor to The New Departure Manufacturing Company, Bristol, Conn., a Corporation of Connecticut. Filed May 16, 1923. Serial No. 639,227. 9 Claims. (Cl. 51—130.)



1. In a ball grinding machine, in combination, a disc, means for rotating the disc, a second disc held against rotation, one of said discs having ball grooves with intervening ribs, and means for relatively moving the discs to cause one disc to engage the ribs on the other for dressing the latter, substantially as described.

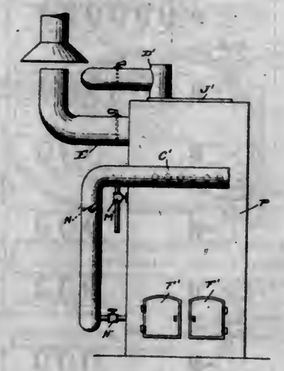
1,624,643. ELASTIC-SUPPORT SYSTEM FOR VEHICLES. FRANK L. O. WADSWORTH, Pittsburgh, Pa. Filed Dec. 16, 1922. Serial No. 607,308. 14 Claims. (Cl. 267—17.)



1. In an elastic support system for relatively movable members the combination of a plurality of springs interposed therebetween, and means conjoining said members and said springs whereby the latter are connected in series when the members are forced toward each other, and are connected and increasingly flexed in parallel when the members are separated beyond the position of static equilibrium.

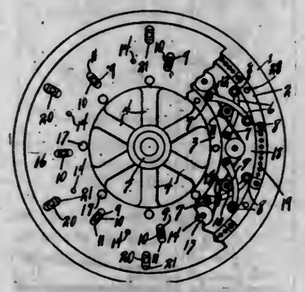
1,624,644. PROCESS OF MAKING COMBUSTIBLE GAS. WILLIAM D. WILCOX, Idaho Falls, Idaho. Filed Apr. 1, 1921. Serial No. 457,811. 1 Claim. (Cl. 48—202.)

The herein described process of generating coal and water gas by admitting air for blasting at an intermediate level to a body of coal contained in each of two generators, and thereby heating the fuel to incandescence, passing the blast gases downwardly and into corresponding regenerators, adding additional air for the combustion of the blast gases therein, alternately thereafter admitting steam to one of the two generators at the same level at which air was previously admitted, passing the steam downwardly through the incandescent fuel to form water gas, passing the water gas into and up the adjoining re-



generator, across, and down the second regenerator and thereby superheating the water gas, passing the superheated water gas into the second regenerator, and then upwardly through a body of fuel having a layer of uncarbonized coal to a gas outlet above the coal, whereby mixed coal and water gas is produced.

1,624,645. VEHICLE WHEEL. BERT WILKINSON, Fort Worth, Tex. Filed July 28, 1926. Serial No. 125,537. 2 Claims. (Cl. 152—37.)

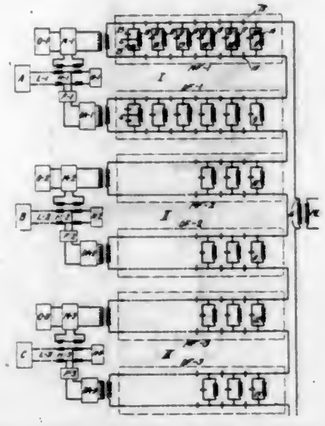


2. A vehicle wheel having a felly, guard members rigid with said felly and projecting radially outward and provided with annular interior shoulders, a tread and a holder therefor mounted between said guard members and provided with antifriction bearings, said shoulders being adapted to limit the inward thrust of said holder, yielding swinging arms provided with rollers bearing against the inner periphery of said holder, and means for controlling the inward and outward movement of said swinging arms.

1,624,646. TRANSMISSION SYSTEM. WALLACE V. WOLFE, Corona, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 31, 1923. Serial No. 654,808. 12 Claims. (Cl. 178—44.)

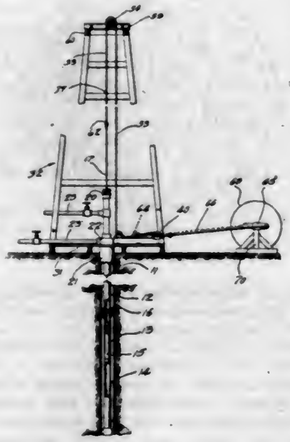
1. In a carrier wave signaling system, a transmission medium, a source of carrier waves, and a band filter con-

nected intermediate said source and said medium and traversed by waves from said source, said filter comprising a plurality of inductance coils, a coil near the end of



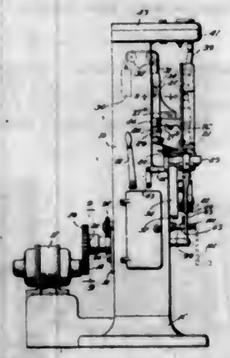
the filter adjacent said transmitting medium having a core of nonmagnetic material while other coils at the opposite end of the filter have cores of magnetic material.

1,624,647. LONG-STROKE PUMPING APPARATUS. VICTOR YORK, Los Angeles, Calif. Filed Nov. 11, 1924. Serial No. 749,133. 3 Claims. (Cl. 74—14.)



1. In combination; a pump barrel; a pump plunger; a cable associated with said plunger; a stationary wheel over which said cable extends; a movable wheel over which said cable extends, said movable wheel being slidably mounted upon a base; and means for moving said movable wheel so as to move said cable in a manner to reciprocate said plunger.

1,624,648. COUNTERSINKING MACHINE. WILHELM G. ALDEEN, Rockford, Ill., assignor to National Lock Co., Rockford, Ill., a Corporation of Delaware. Filed Aug. 21, 1922, Serial No. 583,177. Renewed Oct. 22, 1926. 23 Claims. (Cl. 77—23.)



9. In a machine of the character described, the combination of a power driven element, a cutter tool having driving connection therewith to be driven constantly in the operation of the machine, a work support, adjustable work feeding means, and adjustable cutting stroke feeding means, both of said feeding means having driving connections with said power driven element in the normal operation of said machine but adapted to be disconnected therefrom for manual operation to permit the adjusting thereof in setting said machine for operation.

1,624,649. SPORTING CARTRIDGE. CARLOS DES ALLIMES, Jerez de la Frontera, Spain. Filed Oct. 27, 1925, Serial No. 65,224. 4 Claims. (Cl. 102—15.)

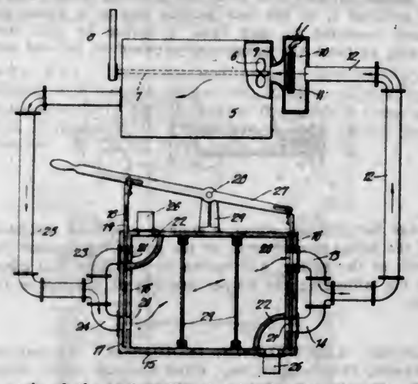


1. A metal cartridge case having its mouth edge formed with an undercut channel presenting an abrupt shoulder and a metal disc seating in and conforming to said channel and bearing from the shoulder.

1,624,650. AIR SUPPLY FOR TUMBLERS. ADOLPH ANFOSSI, Brooklyn, N. Y. Filed Nov. 27, 1925. Serial No. 71,724. 6 Claims. (Cl. 34—7.)

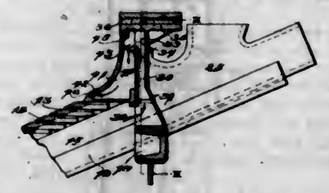
1. The combination with a clothes drying device having an air inlet and an outlet of a chamber through

which said air passes in circulation to and from the drying device, adapted to accumulate air and valve members



in each of the end walls of said chamber for diverting the air discharged from said drying device into the chamber or into atmosphere.

1,624,651. STOKER. OTTO ARAM, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 4, 1923. Serial No. 643,367. 4 Claims. (Cl. 110—44.)



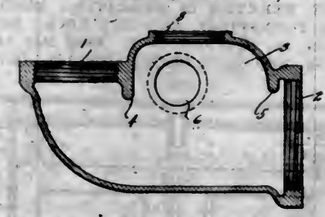
2. In an underfeed stoker furnace having alternately arranged series of tuyères and retorts, a ram box associated with each retort, hollow castings defining fuel openings from the ram boxes into the retorts, and air distributing members disposed rearwardly of the said hollow castings, said hollow castings and air distributing members being formed to conduct air therethrough and to the furnace.

1,624,652. COLORED SHEET MATERIAL AND METHOD OF PRODUCING THE SAME. THOMAS M. ATKINSON, Milltown, N. J., assignor to The Royston Paper Company, Milltown, N. J., a Corporation of New Jersey. Filed Sept. 9, 1925. Serial No. 55,354. 2 Claims. (Cl. 41—26.)



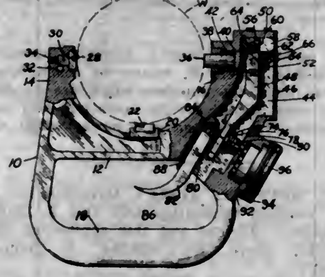
1. As an article of manufacture, a web of colored paper suitable for covering and like purposes, said paper having imposed upon at least one surface thereof a plurality of configurations including metallic or other lustrous coating material preapplied beneath a dye of uniform hue and tone, whereby said paper is given a single or basic color in which said configurations are blended and fixed.

1,624,653. WATER-CLOSET BEND. EDWARD W. N. BOOSEY, Detroit, Mich. Filed June 29, 1925. Serial No. 40,416. 3 Claims. (Cl. 137—75.)



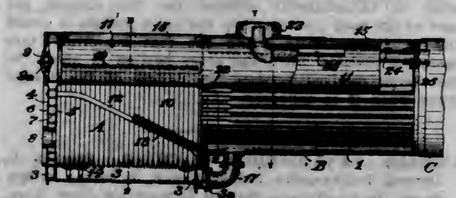
1. A water closet bend having threaded inlet and outlet ends, said bend being constructed with a pocket in the upper surface between the said ends, the wall defining the pocket at the forward end extending below the wall defining the pocket at the rear end, the said pocket having hubs for the connection of waste piping, and a vent connection in the upper side thereof.

1,624,654. GAUGE. RICHARD J. BRITTAIN, Jr., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Mar. 14, 1924. Serial No. 699,227. 13 Claims. (Cl. 33—147.)



1. In an external diameter gauge, a frame to straddle the work to be gauged and having work positioning plates arranged at right angles to one another, a gauge pin slidable in the frame at right angles to one of said plates, a lever pivoted to the frame and having means to operate the gauge pin, an indicator actuated by the lever, and means for moving the lever; substantially as described.

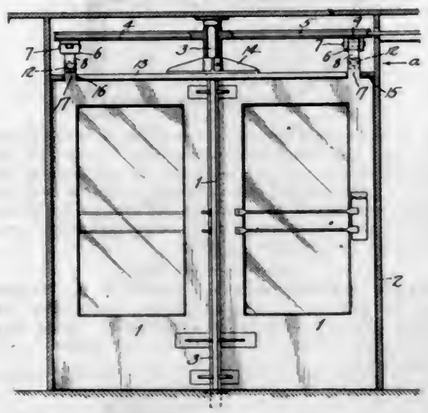
1,624,655. LOCOMOTIVE BOILER. ALFRED W. BRUCE, New York, N. Y. Continuation of application Serial No. 64,347, filed Oct. 23, 1925, and in Canada Oct. 18, 1926. This application filed Jan. 27, 1927. Serial No. 164,031. 17 Claims. (Cl. 122—94.)



1. In a locomotive boiler, the combination of a barrel and a fire box; the fire box having a steam drum at the top thereof, side wall water tubes leading into said

drum, a hollow mud ring connected to the bottom of the tubes to supply feed water therefor; and a wrapper sheet rigidly secured to the barrel and the fire box, forming a stiffening means for the parts of the fire box, and a housing for the sides and top of the fire box.

1,624,656. MEANS FOR UTILIZING THE SURPLUS ENERGY EXERTED IN OPERATING REVOLVING DOORS, TURNSTILES, AND THE LIKE. BENJAMIN B. BRYAN, Jr., New York, N. Y. Filed May 14, 1926. Serial No. 109,016. 4 Claims. (Cl. 185—19.)



1. The combination with a revolving barrier, of a power wheel, a generator, means for communicating to said power wheel the impulses which are manually imparted to said barrier for its operation, and means of driving connection between said power wheel and generator.

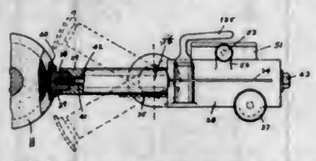
1,624,657. SUPPORT. JAMES L. DAVIDSON, Los Angeles, Calif. Original application filed July 2, 1919, Serial No. 308,087. Divided and this application filed Oct. 11, 1921. Serial No. 506,984. 3 Claims. (Cl. 217—60.)



1. A support for a container, said support being adapted to engage the cover portion thereof, said support comprising a foot hinged to the edge of the cover portion, and a flanged brace member hingedly connecting the foot to the body portion of the container and operating to automatically collapse the foot against the back of the body portion when the cover portion is closed and to automatically swing the foot outwardly into operative position when the cover portion is open, the foot being received between the flanges of the flanged brace when it is collapsed.

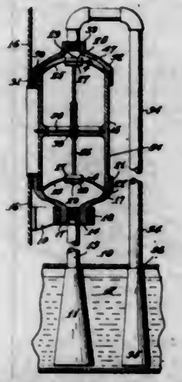
1,624,658. LENS-GRINDING MACHINE. EDWARD P. DEVINE, Indianapolis, Ind., assignor, by mesne assignments, to Continental Optical Corporation, New York, N. Y., a Corporation of Delaware. Filed June 7, 1924. Serial No. 718,471. 5 Claims. (Cl. 51—96.)

1. In a lens grinding machine, the combination with a grinding wheel, and means for holding a lens adjustable towards and from the grinding wheel, of a removable tube longitudinally adjustable in the lens holding means towards and from the grinding wheel, means for securing it to the lens holding means, a gauge rod loosely mounted in said tube, a spring in said tube tending to force the gauge rod outward so its end will



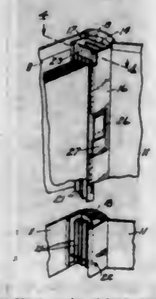
engage the grinding wheel, a stop on said tube for limiting the outward movement of the gauge rod against the action of the spring, and means on said tube and gauge rod for indicating the proper position of the rod in the tube.

1,624,659. LIQUID-LEVEL INDICATOR. THOMAS M. EYNON, Philadelphia, Pa. Filed Nov. 24, 1922. Serial No. 602,992. 8 Claims. (Cl. 73—54.)



1. In an indicator of gasoline height in tanks, a casing adapted to be connected at both ends with a tank, connections with the two ends terminating in pipes of different diameters adapted to extend within the gasoline, a pair of diaphragms in the casing, one at each end, shutting off the ends from the body of the casing, a connection between the diaphragms, a spindle coupled with the connection within the casing to rotate with the movement of the diaphragms and an indicator carried by the spindle.

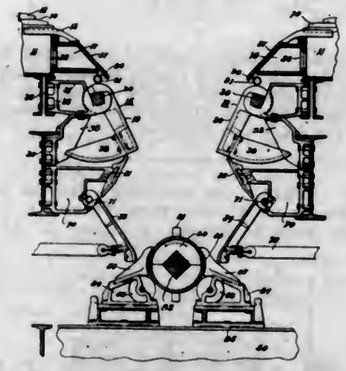
1,624,660. BINDER. WILLIAM FELDMANN, Chicago, Ill. Filed Oct. 11, 1926. Serial No. 140,791. 3 Claims. (Cl. 129—38.)



1. A binder, including a backing provided with spaced flanges, a plurality of elements pivotally secured to one end of said backing and between said flanges, a member

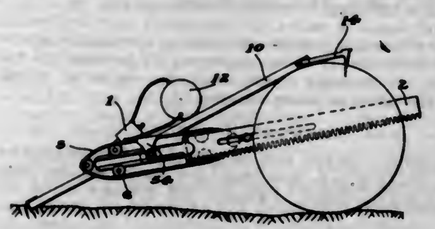
hinged to the opposite end of one flange and adapted to hold the free ends of said elements between said flanges, and means slidable on the other flange for removably securing said member.

1,624,661. REFUSE-DISCHARGE MECHANISM. ROBERT A. FORESMAN, Moore, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 7, 1921. Serial No. 513,500. 24 Claims. (Cl. 110—32.)



1. In combination in an ash discharge device for a progressive feed furnace, a pit adapted to receive refuse from the active grate surface comprising means for distributing air to the refuse in an upper zone of the pit, and an oscillating agitator pivoted at one side of the pit and disposed below the zone of combustion for agitating the refuse in the upper zone of the pit, said agitator being high enough to operate without disturbing the refuse in the bottom of the pit.

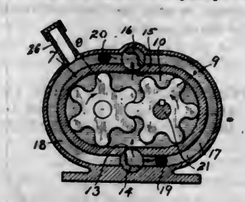
1,624,662. POWER DRAG OR FALLING SAW. FREDRIK HALVORSEN, Seattle, Wash. Filed Oct. 9, 1922. Serial No. 593,253. 5 Claims. (Cl. 143—68.)



1. In combination, a motor, a reciprocable saw, a reciprocable crosshead and a guide therefor, said saw being connected to said crosshead, a chain operatively connected to said crosshead, and connected to be driven by said motor, and a guide for said chain terminating at each end in cams approaching a cycloid, whereby the speed of said crosshead and saw is gradually increased at the beginning of a stroke.

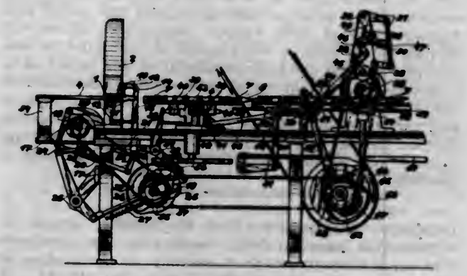
1,624,663. HYDRAULIC TRANSMISSION. EDWARD G. JACKER, Chicago, Ill., assignor of one-half to Vincent Bendix, Chicago, Ill. Filed July 8, 1919. Serial No. 309,458. 1 Claim. (Cl. 60—53.)

In a device of the class described, a casing of a flattened cylindrical shape having both ends closed and provided on its interior with a pump chamber and a motor chamber and a passageway entirely surrounding the pump chamber and conforming to its contour, short passageways centrally disposed in the flattened sides of the casing forming communication between the first named passageway and the pump chamber, valves



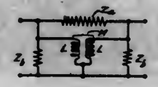
at the junctions of said passageways to control the passage of fluid therethrough connected to operate in unison and other passageways connecting said first named passageway to the inlet and outlet sides of the motor chamber.

1,624,664. FILLING AND PACKING MACHINE. EMIL JAGENBERG, Dusseldorf, Germany. Filed Sept. 10, 1926, Serial No. 134,632, and in Germany Sept. 1, 1925. 8 Claims. (Cl. 93—6.)



2. In a filling and packing machine in combination an open holder for a plurality of articles, an intermittently movable table carrying a plurality of empty containers for said articles, a carriage adapted to be reciprocated into and out of contact with the articles in the holder, substantially lever-shaped feeling means pivotally disposed on the holder, adapted to be engaged with the articles and to be operated by the movement thereof, stopping means operatively connected to said feeling means and movable in and out of contact with the carriage, marking and labeling means associated with the movable table, and locking means for the marking and labeling means engageable with the carriage.

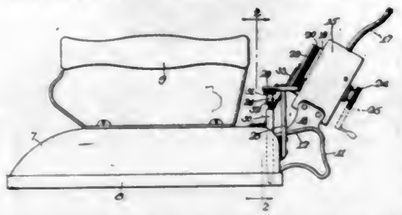
1,624,665. WAVE FILTER. KENNETH S. JOHNSON, Jersey City, and TIMOTHY E. SHEA, Rutherford, N. J., assignors, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Jan. 31, 1925. Serial No. 5,959. 9 Claims. (Cl. 178—44.)



1. A wave filter section comprising a plurality of circuit branches disposed in series and shunt relationships to the direction of wave propagation, reactive impedance elements included in said branches, the impedances of which cooperate to enable the filter section to pass freely a band of wave frequencies the limits of which are both above zero frequency, inductive coils in two similarly

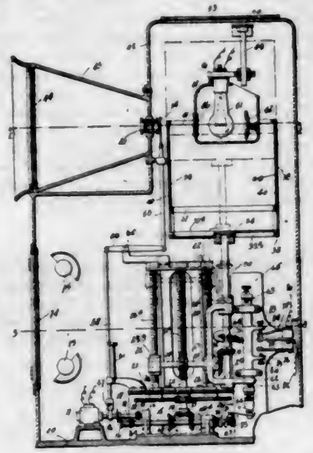
disposed circuit branches which are separated by an oppositely disposed branch, and mutual inductance between said coils, said mutual inductance being positive with respect to the series connection of said coils and determining at least in part the wave transmission characteristics of the filter section.

1,624,666. ATTACHMENT FOR ELECTRIC IRONS. EUGENE S. KARLSEN, Chicago, Ill. Filed Dec. 31, 1925. Serial No. 78,706. 3 Claims. (Cl. 219—25.)



1. In a device of the class described, the combination with an electric iron having therein a heating element provided with conductors extended through its rear portion, of another pair of conductors having electric connection with a supply of electricity, said last named conductors provided with contact members, a thermostat carried by the iron, a bar adapted for actuation in one direction thereby pivotally supported at one of its ends, a contact bar adjacent the pivoted bar in connection with one of the first named conductors, a brush carried by said bar to rest against one of said contact members and another brush electrically connected to said heating element and resting against the other of said contact members.

1,624,667. MOTION-PICTURE MACHINE. GEORGE H. KERN, Los Angeles, Calif., assignor to The Producers Pictures Corporation, St. Louis, Mo., a Corporation of Delaware. Filed Dec. 2, 1921. Serial No. 519,461. 21 Claims. (Cl. 88—16.)



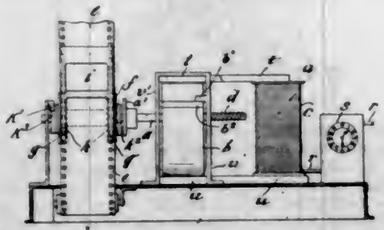
1. In a motion picture machine, a holder for receiving pictures, a screen, means for projecting said pictures onto said screen, means for revolving said holder, feeding means for moving said holder in axial direction, means for actuating said revolving and said feeding means intermittently in one direction and at a constant speed in the opposite direction, and means for disabling said projecting means during the return movement of said holder.

1,624,668. APPARATUS FOR HEAT-TREATING METALS. FREDERIC S. KOCHENDORFER, River Forest, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 15, 1922. Serial No. 601,021. 22 Claims. (Cl. 266—3.)



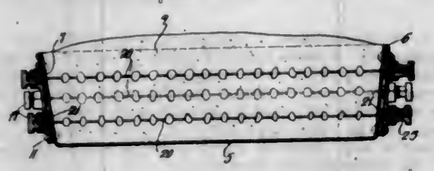
17. A method of passing metal in strand form through a substantially horizontally heating chamber, which comprises simultaneously pushing and pulling said strand between two points and allowing a portion between said chamber and one of said points to sag.

1,624,669. PROJECTING MACHINE. EDOUARD ERNEST LEHWESS, St. Cloud, near Paris, France. Filed Jan. 6, 1823. Serial No. 610,995. 6 Claims. (Cl. 88—28.)



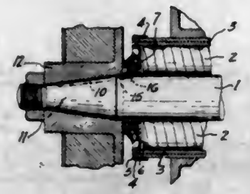
1. A feed mechanism for projecting apparatus wherein the feed of the film or other pictures are suitably arranged for intermittent projection, comprising an automatic electric driving mechanism, means between the driving mechanism and the film strip or like picture mounting to effect alternately a quick feed of the film or like a predetermined and always uniform extent, said means including a spring cooperating with the electric drive, means to switch on a momentary current actuating the mechanism a substantial part of a revolution against the resistance of the spring, means for breaking the current and allowing return-motion by the spring energy to the initial or normal position.

1,624,670. MEANS FOR ORNAMENTING FOODSTUFFS. ALBERT MARTIN, New York, N. Y. Filed Mar. 30, 1926. Serial No. 98,592. 7 Claims. (Cl. 107—1.)



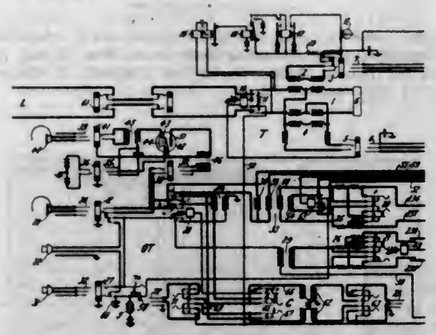
2. A means for ornamenting foodstuffs comprising a container having openings in the walls thereof, rods extending across said container and passing through said openings, said rods being adapted to carry edible members disposed in ornamental arrangement, and means whereby the rods may be drawn out of said container when the foodstuff is in edible condition so that the members carried by the rod will remain in position in the foodstuff to form a design when the same is cut in slices.

1,624,671. PACKING RING. VICTOR E. NELSON, Redford, Mich. Filed Apr. 27, 1921. Serial No. 464,845. 9 Claims. (Cl. 286—7.)



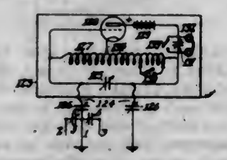
3. In a packing for rods, shafts or the like, a bearing for the shaft, a cap enclosing the bearing, a cork ring having a flat face engaging the said cap and having a beveled face on the opposite side, a spring metal cup shaped member engaging the said beveled face and secured to the shaft, a member on the shaft and means between the said member and cup shaped member yieldably forcing the cork ring into engagement with the cap.

1,624,672. COMMUNICATION SYSTEM. HENRY W. O'NEILL, Elmhurst, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 17, 1924. Serial No. 756,403. 24 Claims. (Cl. 250—6.)



1. In a signaling system, radio transmitting and receiving stations, signal responsive means at the receiving station, a circuit including a pair of relays, one at each of said stations operated upon the actuation of said signal responsive means, a visual signal at each station actuated by the operation of its corresponding relay, means actuated upon answering a call at either station to deenergize both relays, a circuit for the relay at the station where the call is answered prepared upon the answering of the call, and means for closing said circuit upon disconnection to actuate said visual signal as a clearing-out signal.

1,624,673. METHOD OF AND MEANS FOR RADIO-COMMUNICATION. ARTHUR E. PAIGE, Philadelphia, Pa. Filed Apr. 19, 1922. Serial No. 555,556. 8 Claims. (Cl. 250—11.)



4. The combination with a municipal electric supply system including but three wires, two of which are oppositely polarized and one of which is neutral; of apparatus adapted for radio communication and including respective adjustably variable condensers connected with said polarized wires, and an electric circuit of oscillatory character having directional capacity for such communication; which apparatus is dirigible with respect to said three supply wires; and a ground connection for said apparatus; whereby the maximum directional effect of said apparatus may be determined by adjustably shifting the position thereof with respect to said ground connection.

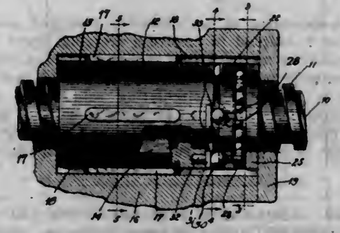
1,624,674. PROCESS OF PRODUCING LACTIC ACID FROM SUGAR-CONTAINING RAW MATERIALS BY MEANS OF LACTIC-ACID BACTERIA. ALFRED POLLAK, Vienna, Austria. Filed Sept. 11, 1924, Serial No. 737,197, and in Czechoslovakia Sept. 29, 1923. 4 Claims. (Cl. 260—120.)

1. A continuous process of producing lactic acid from sugar-containing raw materials by means of lactic acid bacteria, which consists in initiating vigorous acidulation of the sugar-containing solution to be fermented, thus provoking an ample propagation of the ferment in all parts of the said solution, whereby part of the generated lactic acid is neutralized after its formation with nitrogen-containing alkalis, and withdrawing the fermented liquid at intervals by portions and supplying equal amounts of fresh sugar-containing solution to the acidulating vessel while acidulation is permitted to continue.

1,624,675. O-O-DIACYL DERIVATIVES OF DIPHENOLISATINE AND PROCESS FOR THE MANUFACTURE OF SAME. ERNST PREISWERK, Basel, Switzerland, assignor to The Hoffmann-La Roche Chemical Works, New York, N. Y., a Corporation of New York. Filed Oct. 18, 1923, Serial No. 669,237, and in Switzerland Nov. 27, 1922. 9 Claims. (Cl. 260—48.)

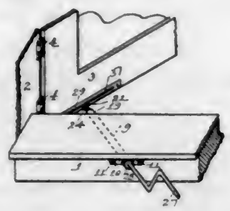
4. As a a new product O-O-diacetyl-diphenolisatine which may be produced by treating diphenolisatine with an acylating agent under conditions in which less chemical energy is developed than necessary to form triacetyl diphenolisatine, the new compound being a light, fine crystalline powder, which is difficultly soluble or even insoluble in the usual organic solvents, absolutely insoluble in water, likewise in cold dilute sodium hydroxide solution, its melting point being 242° C., the product being dissolved after prolonged stirring with warm sodium hydroxide solution and diphenolisatine being separated from the solution by acidifying, the new compound being destined for use in therapy, as it possesses laxative properties and is at the same time only very moderately toxic, in the animal test doses of more than 1 g. per kilo body-weight having no toxic effect.

1,624,676. NUT AND SCREW FEED. STAFFORD M. RANSOME, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill.; a Corporation of Illinois. Filed May 21, 1925, Serial No. 31,963. 18 Claims. (Cl. 74—40.)



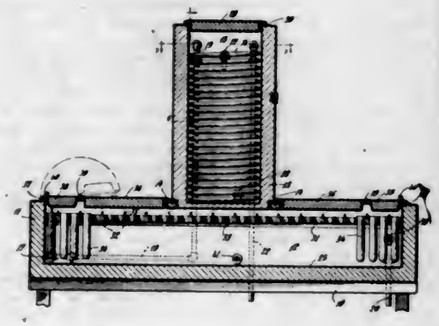
18. A correcting device for the inaccuracies of feed screws comprising, in combination, a nut formed of a plurality of sections longitudinally movable relative to each other axially of the nut, and mechanism associated therewith to average the separate advances of the nut sections.

1,624,677. CLOSURE-SWINGING DEVICE. JOHN W. SEALOCK and MARTIN DE GRAAF, Grand Rapids, Mich., assignors to Wolverine Metal Specialties Co., a Corporation of Michigan. Filed Dec. 26, 1924. Serial No. 758,035. 5 Claims. (Cl. 268—120.)



1. In a device of the character described: a frame having a bore extending therethrough; a cap mounted on the frame adjacent the bore's inner end; a sleeve in the bore threaded in the cap; a screw having a head between the cap and an end of the sleeve for holding the screw against axial movement; a closure swingably mounted on the frame and having a guide-bearing extending transversely to the closure's axis of swinging; a nut on the screw carrying a member slidable in the guide-bearing; the cap having an opening for the insertion of means for turning the screw.

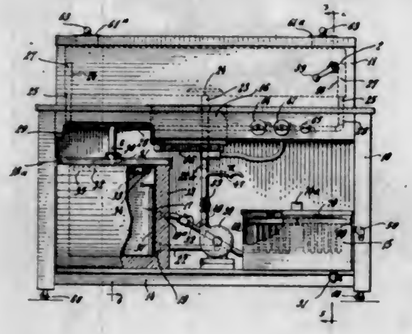
1,624,678. APPARATUS FOR FREEZING AND MOLDING CONFECTIONS. MILTON SCHNAIER, New York, N. Y. Filed Jan. 31, 1924. Serial No. 689,746. 5 Claims. (Cl. 62—31.)



1. An apparatus of the character described comprising a receptacle adapted to receive a freezing liquid, guiding and supporting means within said receptacle, a refrigerating receptacle mounted centrally upon said first named receptacle, means for circulating said liquid through said receptacles, and means at opposite sides of said first named receptacle for the reception and discharge of the substance to be treated, substantially as specified.

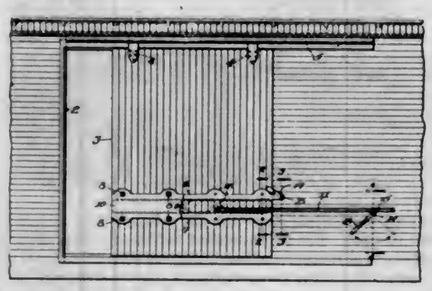
1,624,679. APPARATUS FOR FREEZING AND MOLDING CONFECTIONS. MILTON SCHNAIER, New York, N. Y. Filed Apr. 26, 1924. Serial No. 709,179. 7 Claims. (Cl. 62—114.)

1. An apparatus of the character described comprising a support, a refrigerating receptacle, a freezing receptacle, and an auxiliary receptacle on said support; said auxiliary receptacle being disposed at the side of said refrigerating receptacle, means for circulating a freezing agent through said freezing and refrigerating receptacles, an



elevated overflow outlet in said refrigerating receptacle, and a conduit connecting said overflow outlet with said auxiliary receptacle, substantially as specified.

1,624,680. CAR-DOOR OPENING AND CLOSING MECHANISM. CHARLES SCHUSSLER, Blue Island, Ill. Filed Oct. 4, 1926. Serial No. 139,543. 7 Claims. (Cl. 268—44.)

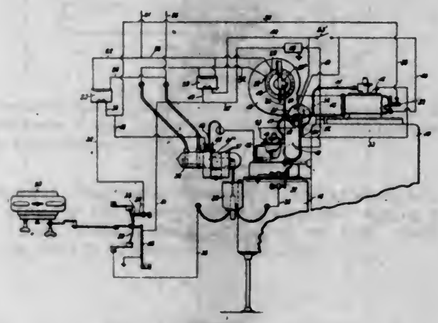


1. The combination with a car wall having an opening and a sliding door therefor, of an opening and closing mechanism for said door, consisting of a pair of upper and lower racks extending crosswise of the door and secured thereto with their teeth opposed, a hand lever pivoted to the car wall at one side of the door, and an endwise movable actuating member pivoted to the hand lever at one end and having at its opposite end a shoe between the racks and engageable with the teeth of either of them for respectively opening and closing said door thereby.

1,624,681. COMBINED BOILER AND INCINERATOR SYSTEM. LEWIS L. SCOTT, St. Louis, Mo. Filed Dec. 5, 1925. Serial No. 73,424. 5 Claims. (Cl. 158—28.)

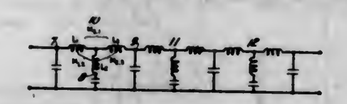
1. In a system such as described, a boiler, an incinerator, a burner for each of said elements, fuel supply connections for delivering fuel to each of said burners, a spark plug in each burner, normally inoperative electrical connections for said spark plugs, air supply connections for each burner, a valve controlling flow of fuel through

said connections to direct it to either of said burners, a switch for closing the circuit of either of said spark plugs, a valve for controlling the flow of air through the air



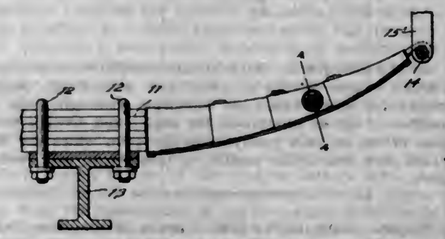
supply connections, and common operating connections for the switch, air valve and fuel valve for rendering the spark plug circuit operative and for establishing a flow of fuel and air to either of said burners.

1,624,682. ELECTRICAL NETWORK. TIMOTHY E. SHEA, Rutherford, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Jan. 31, 1925. Serial No. 5,968. 11 Claims. (Cl. 178—44.)



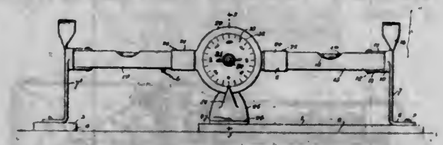
1. In a wave transmission network, a plurality of meshes coupled by impedances, additional coupling impedance between at least one pair of meshes due to the configuration of impedance elements included in said pair of meshes, and means for neutralizing said additional coupling impedance comprising an impedance having opposite sign and equal magnitude thereto at all frequencies.

1,624,683. METAL CASING FOR LEAF SPRINGS. LAWRENCE SKOK, Cleveland, Ohio, assignor to The Apex Spring Cover Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 14, 1921. Serial No. 514,912. 9 Claims. (Cl. 267—37.)



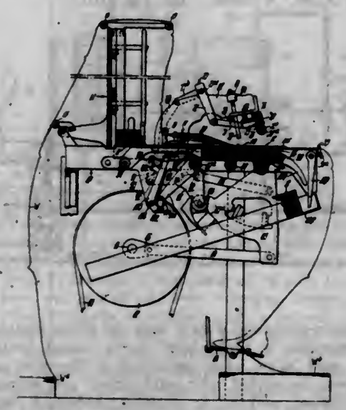
1. A device of the character described comprising in combination, a spring having separate leaves, a cover therefor having a pressure chamber surrounding the springs, said chamber being formed by a jacket of fluid-proof material, and a reinforcing metallic casing entirely surrounding and closely fitting the jacket, said casing comprising sections of light sheet metal having the ends of adjacent sections overlapping each other, and means for sealing the end sections, whereby lubricant under pressure may be retained within said jacket.

1,624,684. COMBINATION LEVEL. EUGENE W. SMITH, New York, N. Y. Filed Aug. 2, 1926. Serial No. 126,674. 3 Claims. (Cl. 33—214.)



1. A combination level comprising a pair of tubular members each carrying level vials, a pair of supporting legs for one of said tubular members, a single supporting leg for the other of said tubular members, means for pivotally connecting together said tubular members so that the tubular member carrying the single leg may be swung at an angle to the other tubular member, and a base connected with the two legs associated with one of the tubular members.

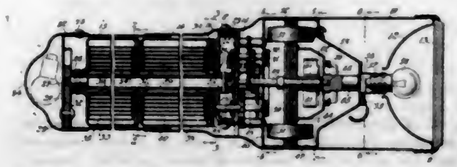
1,624,685. MANIFOLD-WEB-PRINTING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 9, 1925. Serial No. 61,431. 22 Claims. (Cl. 101—57.)



1. In a multiple-addressing machine, the combination with an addressing machine having a printing-plate magazine, a printing bed disposed forward from said magazine, and a roller-platen, of an anti-friction element including a roller mounted on said machine at the rear and near the bottom of said magazine, two anti-friction rollers mounted at the top of said magazine, one at the front and one at the rear thereof, a roller mounted on said machine at the front of said magazine a short distance above said printing bed, said rollers adjacent said magazine being laterally disposed and arranged for passing a forwardly-fed work-web over the same from a work-pack below the bottom of said magazine at the rear

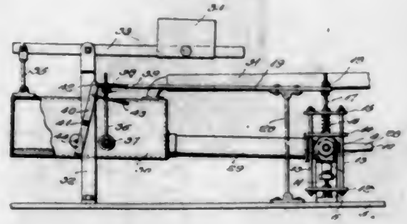
thereof, and along said printing bed to printing position under said roller-platen, and means for lightly pressing said work-web against said printing bed adjacent said printing position, said rollers and said means co-operating to permit the weight of said web behind said magazine to keep slightly taut the stretch of said web disposed on said printing bed to the rear of printing position.

1,624,686. FLASH LIGHT. RENSSELAER J. SMITH, South Bethlehem, N. Y., assignor to The Batles-Lite Co., composed of Mildred A. Smith and Charles Z. Smith, Albany, N. Y. Filed June 5, 1926. Serial No. 113,965. 5 Claims. (Cl. 240—10.5.)



1. A flash-light, including an electric lamp, a fixed reflector, a generator connected with said lamp for producing a source of energy to illuminate the same, a spring motor for driving the generator, a governor for regulating the speed of operation of the generator, and including a common means for controlling the governor and effecting relative movement of the lamp with respect to the fixed reflector to vary the focus of the same.

1,624,687. TANK-FILLING MEANS. WILLIAM H. SMITH, Oakland, Calif. Filed June 24, 1926. Serial No. 118,279. 4 Claims. (Cl. 137—101.)



1. The combination with a tank; of filling means therefor comprising a liquid inlet valve, means for quickly closing said valve when permitted to function, a lever operatively connected with said valve, and moved to a predetermined position by opening thereof, a latch for positively holding said lever in said position to hold the valve open, and means actuated by predetermined rise of liquid in the tank for automatically releasing said holding means.

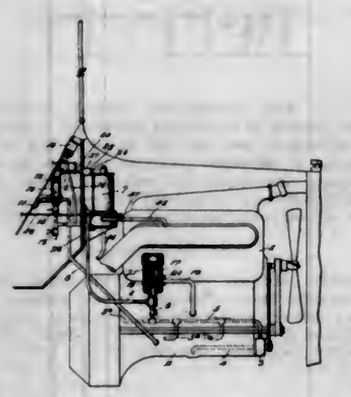
1,624,688. PNEUMATIC WHEEL. FERDINAND K. SVENSON, Detroit, Mich. Filed May 28, 1926. Serial No. 112,309. 6 Claims. (Cl. 152—33.)

1. A pneumatic wheel comprising a felloe, a pneumatic cushioning element surrounding and spaced from said felloe, a tire member surrounding and spaced from said element, a pair of oppositely disposed clamping members having binding engagement with said tire member and element for maintaining them in spaced relation, and a pair of clamping members having binding engagement with said element and secured to said felloe for maintaining the



element and felloe in spaced relation, each of said clamping members formed with an intermediate ribbed part.

1,624,689. LUBRICATING SYSTEM OF INTERNAL-COMBUSTION ENGINES. ERNEST J. SWEETLAND, Montclair, N. J. Filed Nov. 19, 1920. Serial No. 425,042. 31 Claims. (Cl. 184—6.)

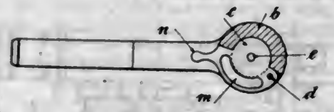


1. The combination with an automobile internal combustion engine having a crank case, of a single pump means for withdrawing oil therefrom and delivering a portion of the oil directly to the engine and another portion of the oil to a purifying device from which the oil freed from deleterious matter, is returned to said crank case.

1,624,690. TOBACCO PIPE. LESLIE WASHBURNE TAYLOR, Bournemouth, England. Filed Sept. 25, 1926. Serial No. 137,735, and in Great Britain Oct. 6, 1925. 1 Claim. (Cl. 131—12.)

In a tobacco pipe, a movable and perforated disc normally dividing the interior of the bowl longitudinally into an upper and a lower chamber, said disc pivoted on the

bowl for removal from the interior of the latter, a slot in the bowl for receiving said disc, a finger device in



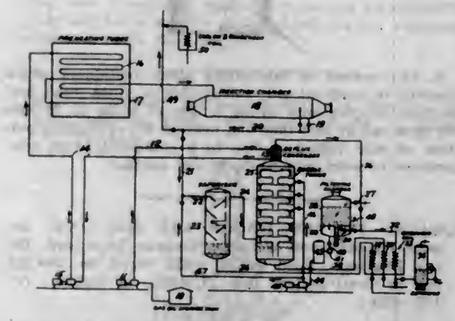
connection with said disc for effecting the movement of the latter in and out of the bowl interior, substantially as herein set forth.

1,624,691. METHOD FOR THE INSTANTANEOUS SETTING OF GLUE BETWEEN SURFACES. GEORGE J. THOMA, Portland, Oreg. Filed July 26, 1926. Serial No. 125,115. 2 Claims. (Cl. 144—309.)



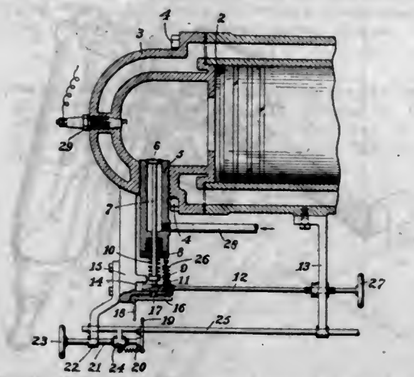
1. A method of repairing blisters on veneered furniture consisting of slitting the blister at the base, the placing of glue between the raised surface and the next surface disposed thereto and the simultaneous application of heat and pressure during the setting of the glue.

1,624,692. PROCESS OF MANUFACTURING GASOLINE. HENRY THOMAS, Ridley Park, Pa., assignor to Sun Oil Company, Philadelphia, Pa., a Corporation of New Jersey. Filed Aug. 12, 1925. Serial No. 49,702. 3 Claims. (Cl. 196—96.)



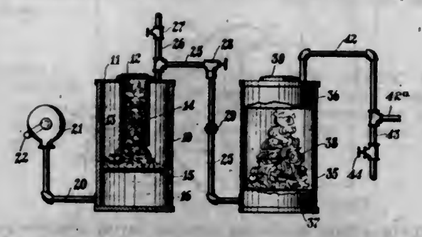
2. The process of producing decolorized gasoline which comprises releasing the pressure on cracked hydrocarbon that is largely in a liquid phase and under high pressure and contains a substantial proportion of gasoline and allowing a predominating proportion of the liquid hydrocarbons to vaporize within an expanded space, the vapor within said space containing said gasoline and heavier hydrocarbons, separating out the minor portion of the hydrocarbons in a liquid condition, subjecting a flowing stream of such vapor to partial condensation and intimately mixing vapors of the flowing stream with the condensate of the same stream, thereby effecting separation from the hydrocarbon of higher boiling constituents with resultant partial purification of the gasoline vapors, filtering the uncondensed vapors of the flowing stream of hydrocarbon through a body of a decolorizing material, maintaining such temperature of filtration as will permit a portion of the vapors to condense, and condensing the decolorized vapors that are uncondensed in the body of decolorizing material.

1,624,693. FUEL-CONTROL MEANS FOR INTERNAL-COMBUSTION ENGINES. BURCHARD D. THOMPSON, Cyclone, Pa., assignor of one-half to J. L. Yerdon, Bradford, Pa. Filed Aug. 27, 1926. Serial No. 131,968. 3 Claims. (Cl. 123—90.)



1. In combination an internal combustion engine cylinder, means to supply fuel thereto including an inlet valve held in closed position by means of a spring impact, means to lift said valve from its seat, reciprocating means to intermittently trip said impact means, said impact means including a cam movable across the axis of the valve stem and in contact with said stem.

1,624,694. GAS PRODUCER. ABEL C. TREVIÑO, San Antonio, Tex. Filed Jan. 16, 1925. Serial No. 2,802. 1 Claim. (Cl. 48—76.)

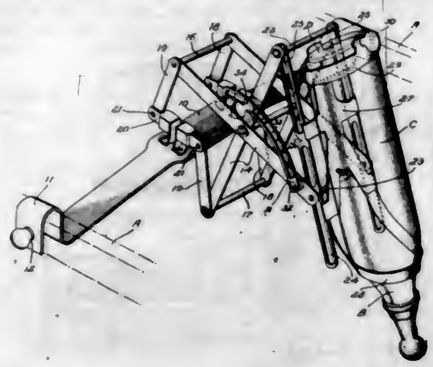


In a gas producer, in combination, a gas generating chamber with a door hingedly mounted on the top thereof, a gas outlet pipe connected to the top of said chamber, and a valve in said pipe, collars fixed to the stem of said valve, a lever fulcrumed intermediate of its ends to a stationary part, one end of said lever engaging between said collars, a link pivotally connected to the other end of said lever, the other end of said link being formed with an elongated aperture, a pin engaging said aperture and supported from a stationary member, said link having a short extension on the end with the elongated aperture, a short link pivotally connected at one end to said short extension, a locking bar formed with projections, said projections being pivotally connected with the other end of said short link, a pair of straps fixed to said door slidably guiding said locking bar, a pair of hooks fixed to the top of said chamber, and engageable with said locking bar.

1,624,695. NURSING-BOTTLE HOLDER. ANDON TUMEKJIAN, West New York, N. J. Filed May 14, 1926. Serial No. 109,156. 3 Claims. (Cl. 248—65.)

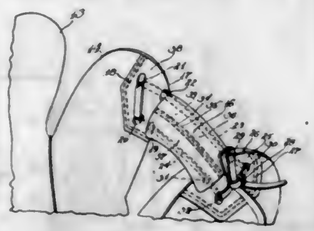
2. A nursing bottle support including an attaching base for attachment to a baby carriage, bassinet, or the like; a swingably and extensibly adjustable supporting frame on said base, a bottle holder carried by, movable with the

frame, and having limited slidable connection therewith, and means for locking the frame in adjusted relation to the base, said means consisting of an arcuate slotted arm pivotally connected to one of the frame members and a
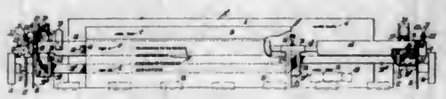


set screw on another frame member engageable through the slot of the arm for clamping engagement with the arm, said bottle holder including bottle-embracing straps for encompassing the neck and bottom portions of the bottle.

1,624,696. BASEBALL GLOVE. ARCHIBALD J. TURNER, Chicago, Ill., assignor to Wilson-Western Sporting Goods Co., Chicago, Ill., a Corporation of Delaware. Filed Sept. 7, 1926. Serial No. 133,824. 10 Claims. (Cl. 2—19.)



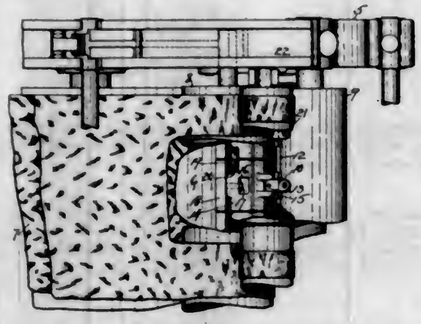
1. In a hand protecting covering having separate casings for certain digits, means for connecting said casings comprising spaced tension members fastened to said casings, and flat means supported by said tension members between the same.

1,624,697. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed July 25, 1924. Serial No. 728,073. 33 Claims. (Cl. 197—153.)



1. In a typewriting machine, the combination with a platen and a ribbon-vibrator adjacent the printing line of said platen, of means for supporting a length of auxiliary typewriter ribbon lengthwise of said platen at said printing line, and a shifter arranged for permanently shifting selectively part or all of said length of auxiliary ribbon edgewise out of and into typing position.

1,624,698. DOFFER FOR IRONING MACHINES. ROBERT J. WATTS, Benton Harbor, Mich. Filed Oct. 27, 1926. Serial No. 144,458. 5 Claims. (Cl. 68—9.)



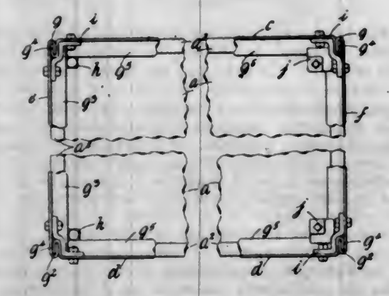
1. A doffer including a pivotally mounted knife support, with a hole extending inward from the edge thereof, and a doffing knife located at the edge of said support and having a shank extending into said hole and freely pivotally movable therein.

1,624,699. SILICA RECEPTACLE AND PROCESS OF MANUFACTURE. HENRY A. WATRINGER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 3, 1926. Serial No. 146,059. 3 Claims. (Cl. 49—78.1.)



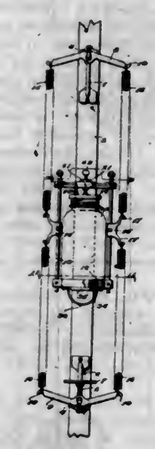
2. The method of fabricating silica containers which consists in mechanically subdividing a silica tube into sections, mechanically fitting a disc of silica to fit into the open end of said tube and heating the contiguous portions of said tube and disc to a sufficiently high temperature to weld said parts to one another.

1,624,700. PIT TUB, WAGON, AND THE LIKE. ALBERT WEDDELL and WILLIAM THOMAS TOLHURST, Tipton, England. Filed Oct. 2, 1926, Serial No. 139,215, and in Great Britain Oct. 27, 1925. 3 Claims. (Cl. 105—364.)



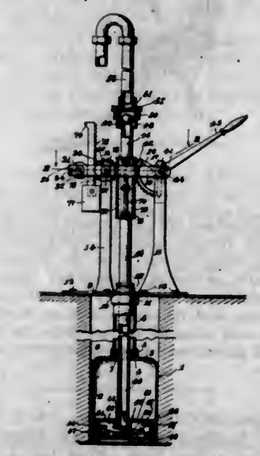
1. A pit-tub, wagon or like body combining a bottom having boundary edge hook formations turned inwardly, opposite sides having vertical edge and lower horizontal edge hook formations, opposite ends having vertical edge and lower horizontal edge hook formations, the vertical edge hook formations of the sides and ends to correspond, and the horizontal edge hook formations to correspond to the boundary edge hook formations of the bottom, the whole of the hook formations being put into engagement by horizontal movement outwardly of the sides and ends, and devices for subsequently securing said engagements, substantially as described.

1,624,701. CHURN, MIXING MACHINE, AND BEATER. GEORGE P. A. WEISENBORN, Kansas City, Mo. Filed Nov. 13, 1925. Serial No. 68,888. 9 Claims. (Cl. 259—91.)



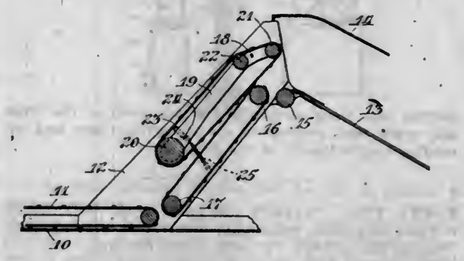
1. In a device of the character specified, upper and lower sets of springs, couplers connecting corresponding upper and lower springs and a carrier having adjustable connection with the couplers.

1,624,702. PUMP. CHARLES I. WHIPPLE, Denver, Colo. Filed June 21, 1926. Serial No. 117,494. 2 Claims. (Cl. 74—14.)



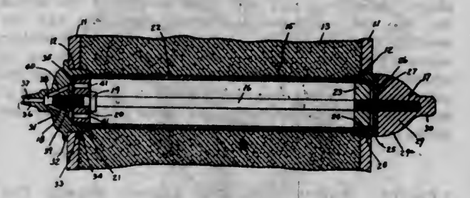
1. A reciprocatory operating mechanism for the plunger element of a pump comprising a pair of oppositely disposed racks adapted to be bodily carried by said element, oscillatory toothed means engaging with one of said racks for reciprocating said element, counterbalancing means for said element, means operated from the other of said racks for reciprocating said counterbalancing means in a contra-direct direction with respect to the reciprocation of said element, guiding means for said counterbalancing element, and means for limiting the movement in either direction of said counterbalancing element.

1,624,703. FLOATING ELEVATOR FOR HARVESTERS. GUSTAV W. WITTE, Chicago, Ill., assignor to International Harvester Company, a Corporation of New Jersey. Filed Nov. 26, 1924. Serial No. 752,281. 13 Claims. (Cl. 198—165.)



1. In a harvester having a platform and a binder deck, the combination of means for elevating material from the platform to the deck, comprising upper and lower inclined endless aprons, the lower end of the upper apron adapted yieldably to move away from the lower apron to increase the space between them at the lower end only, the upper end of the same apron being simultaneously movable downwardly about a fixed axis to direct the elevated material in a line substantially with the binder deck.

1,624,704. PNEUMATIC CORE FOR BLOCK MACHINES. ASH ADAMS, Crawfordsville, Ind., assignor to Lamore Tile Machine Company, Crawfordsville, Ind., a Corporation. Filed Mar. 15, 1926. Serial No. 94,645. 5 Claims. (Cl. 25—128.)

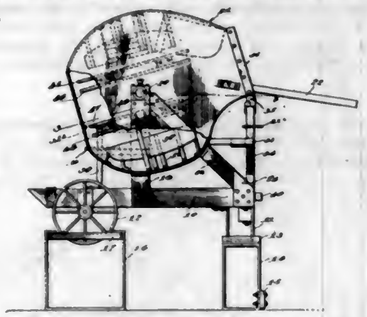


1. A pneumatic core device comprising a rod threaded at one end, a pressure inflatable bag enveloping said rod, an outwardly tapered member positionable within one end of the bag for supporting the same and mounted on said rod, and a recessed cap having a complementary taper for clampingly receiving the bag end and securing the same between the cap and the supporting member, said cap and said tapered supporting member including communicating passages for supplying pressure to and releasing pressure from said bag.

1,624,705. CONCRETE, MORTAR, AND PLASTER MIXER. GEORGE WASHINGTON ADAMS, San Antonio, Tex. Filed July 16, 1926. Serial No. 122,912. 6 Claims. (Cl. 83—73.)

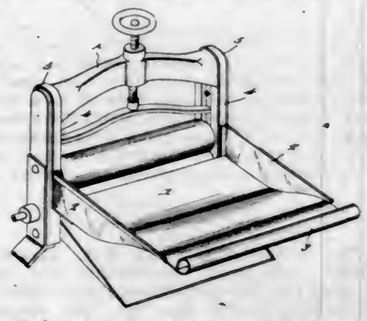
1. In a device of the character described, a drum mounted for oscillation about a fixed axis, and having a normally open end, supporting bars secured to the side

walls of the drum and extending transversely of the same, other supporting bars located at a higher level than the first mentioned supporting bars, the ends of the sup-



porting bars being secured to the side walls of the drum; and grate bars secured to the supporting bars and extending longitudinally of the drum.

1,624,706. SAFETY DEVICE FOR WRINGERS. THOMAS ADAMS, Sheboygan, Wis. Filed Feb. 12, 1927. Serial No. 167,801. 1 Claim. (Cl. 68—32.)



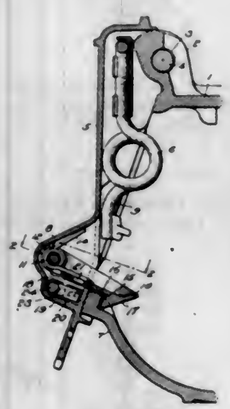
An attachment for a wringer comprising a trough-shaped member having the inner portion of its bottom flat and the outer portion curving upwardly and outwardly, the outer end of the bottom part extending beyond the side pieces of the trough and having its extremity bent upon itself to provide a roll at the outer end of its top face and a hook at the inner end of each side piece for engaging the upper ends of the end pieces of a wringer.

1,624,707. RAZOR. MAURICE ALLAND, Atlantic City, N. J. Filed June 10, 1925. Serial No. 36,103. 2 Claims. (Cl. 30—12.)



1. A razor, comprising a handle having an aperture, a pin secured in said aperture and provided upon its freely extending end with screw threads and intermediately with a radial flange, a member having an aperture through which the fixed end of said pin between the handle and the flange extends rotatably, said member being provided with spaced lugs, adapted to enter correspondingly positioned apertures in a razor blade supported by said member, a clamping member having a concavely curved lower face and a lug extending freely therefrom, pivotal means to secure said lug to one end of said first member, said clamping member being provided with apertures to receive said first lugs, and with a threaded aperture adapted to normally receive the threaded end of said pin in adjustable engagement, rotation of said handle with respect to said clamping member being operative to secure a flexible blade upon said first member with varying degrees of tension and resulting curvature of the blade, and a retrogression of the handle with respect to said clamping member operating to permit the tension of the blade upon the release of said clamping member to forcibly oscillate said clamping member outwardly and thereby release the blade from said first member, and a reversible blade normally positioned between said members and when facing in either direction having a blunt end lying in spaced relation with said lug, and being provided with oppositely directed cutting edges extending substantially the full length of said members and beyond the inner surface of the pivot lug.

1,624,708. JOURNAL BOX. DONALD S. BARROWS, Rochester, N. Y., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Jan. 21, 1924. Serial No. 687,522. 5 Claims. (Cl. 308—51.)

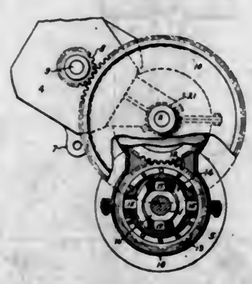


1. The combination with a journal box, of a lid pivotally connected thereto, said lid being provided with a lock receiving boss opening upon the inner face thereof, and a laterally extending passageway intersecting said boss, said passageway opening at its ends upon the opposite face of the said lid, and a locking member mounted in said boss and adapted to maintain the lid in closed position, said passageway being adapted to receive a lock actuating key.

1,624,709. LOCOMOTIVE OR CAR. ASA F. BATCHELDER, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Aug. 4, 1924. Serial No. 729,861. 5 Claims. (Cl. 105—113.)

1. In a locomotive, a plurality of driving axles having wheels thereon adapted to run on a track, a frame for said locomotive located inside of said wheels and spring borne on said axles, side rods connecting said axles, a

motor mounted on said frame, a countershaft substantially parallel to said driving axles, spur gearing connecting the shaft of said motor with said countershaft, and spur gearing connecting said countershaft with one of



said driving axles and comprising a gear on said countershaft and a gear rim surrounding said axle and having a universal joint connection therewith, said last-mentioned spur gearing being located between said wheels inside of said frame.

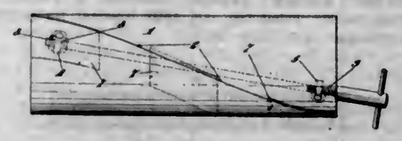
1,624,710. CARBONIZED ARTICLE AND PROCESS OF MAKING SAME. JAMES BECKWITH, Eugene, Oreg. Filed Aug. 18, 1924. Serial No. 732,729. 2 Claims. (Cl. 25—157.)

1. A process for the treatment of articles which comprises subjecting them for a relatively long period to the volatile products arising in the production of charcoal and for a relatively short period to a temperature high enough to drive off volatile constituents from the articles and deposit fine particles of carbon in the interstices of the material of the articles.

1,624,711. WATER-SOFTENING REAGENT AND PROCESS OF PREPARING SAME. ABRAHAM S. BEHRMAN, Chicago, Ill., assignor, by mesne assignments, to General Zeolite Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 1, 1921. Serial No. 504,677. 23 Claims. (Cl. 23—112.)

23. In a process of silicating glauconitic material, the silication step consisting in treating the glauconitic material with an alkali metal silicate solution only for a sufficient length of time to result in substantial improvement in the base exchange properties.

1,624,712. CONTRACTIBLE AND EXPANSIBLE SUPPORTING MEANS SUITABLE FOR USE IN THE CONSTRUCTION OF PIPES, TUNNELS, BRIDGES, AND OTHER BODIES OR STRUCTURES. HAROLD BERRIDGE, South Kensington, London, England. Filed May 29, 1926, Serial No. 112,726, and in Great Britain Nov. 17, 1925. 6 Claims. (Cl. 25—128.)



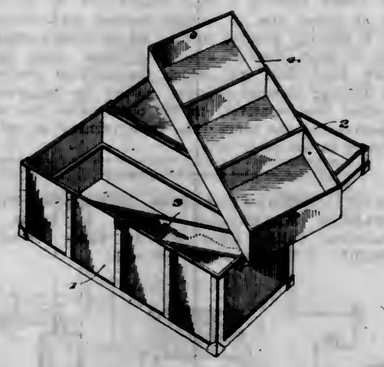
1. A contractible and expansible device comprising a cylinder formed of sheet material divided throughout its length by a slit extending along and partly around it in a helical manner and means whereby the material at opposite sides of the slit can be caused to move longitudinally in opposite directions and thereby increase the length of the cylinder and reduce its diameter.

1,624,713. SPINDLE OF SPINNING, TWISTING, AND LIKE FRAMES. THOMAS ALEXANDER BOYD and HAROLD ARTHUR BOYD, Glasgow, Scotland. Filed July 9, 1926, Serial No. 121,434, and in Great Britain Nov. 4, 1925. 8 Claims. (Cl. 118—55.)



1. In flyer spinning frames and the like, a spindle, a bobbin mounted upon said spindle for free rotation thereon, and a holder attached to said bobbin and rotating therewith, in combination with centrifugal members carried by said holder adapted to give a drag to said bobbin, the whole being adapted to permit the removal of said centrifugal members without removing the holder from working position.

1,624,714. TRUNK. CALVIN BULLOCK, Denver, Colo. Original application filed Jan. 3, 1924, Serial No. 684,220. Divided and this application filed May 21, 1926. Serial No. 110,749. 1 Claim. (Cl. 190—13.)

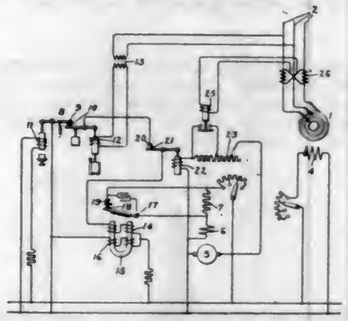


A trunk having bottom and top sections hinged together, said bottom section having a diagonal compartment arranged thereacross and extending part way only of the depth of said bottom section, and a removable till fitted into said bottom section over the diagonal compartment to form a closure therefor.

1,624,715. REGULATING SYSTEM. ROBERT M. CAROTHERS, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 21, 1924. Serial No. 694,427. 5 Claims. (Cl. 171—229.)

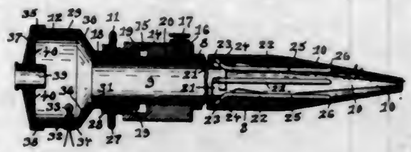
1. In a regulating system, a generator, an exciter therefor, means operative in response to a characteristic of the output of said generator for controlling the

excitation of said exciter, means operative in response to an electrical condition of said exciter for controlling the excitation thereof, and means operative in response



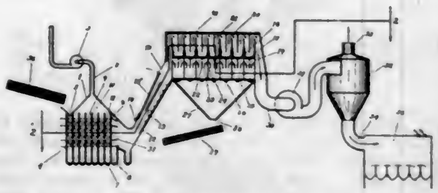
to another characteristic of the output of said generator for controlling the operation of said means which is responsive to an electrical condition of said exciter.

1,624,716. URETHROSCOPE. FERDINANDO CERBO, Providence, R. I. Filed Feb. 17, 1927. Serial No. 169,112. 6 Claims. (Cl. 128—7.)



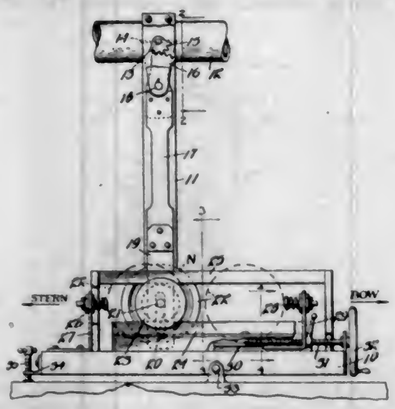
1. In a urethroscope, an outer tube, a plurality of dilator arms formed integral with the outer tube and when closed forming a cone shaped end on the outer tube, an inner tube in surface contact with the outer tube, a dilating member having an inclined portion secured to each dilator arm, the inner tube having bayonet joint slots into which the inclined portion of each dilating member engages, means for reciprocating the inner tube relatively to the outer tube, and means for preventing the inner tube from turning on its axis relatively to the outer tube.

1,624,717. APPARATUS FOR TREATING FIBER-BEARING MATERIALS. NORRIS K. DAVIS, San Francisco, Calif. Filed Dec. 16, 1924. Serial No. 756,207. 2 Claims. (Cl. 209—30.)



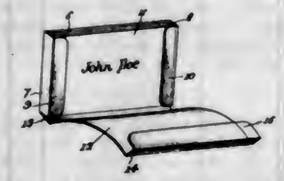
1. An apparatus for treating the finely divided fiber bearing ore for the separation and recovery of the fiber therefrom, comprising an upwardly inclined duct provided with a movable wall, enabling the gradual increase of the cross sectional area of the duct from its lower to its upper end, a primary material separating chamber discharging into the lower end of the duct, a secondary material separating chamber into which the upper end of the duct discharges, means for creating an air suction through said chambers and upwardly in said duct, means for directing fibrous material into the primary separating chamber, and means into which said suction means discharges for receiving the separated fiber.

1,624,718. SHIP GOVERNOR. WELCOME CARPINTER DENNIS, Oakland, Calif. Filed July 19, 1926. Serial No. 123,470. 6 Claims. (Cl. 137—159.)



1. A governor comprising a pendulum arm, a steam valve controlled by the fulcrum end thereof, a rotating weight journalled in slots in the lower end thereof, guide rollers rotating with said weight and straight guide rails for said rollers, substantially as set forth.

1,624,719. CARD PROTECTOR. PAUL DIXON, Atlanta, Ga. Filed July 3, 1926. Serial No. 120,462. 1 Claim. (Cl. 206—39.)



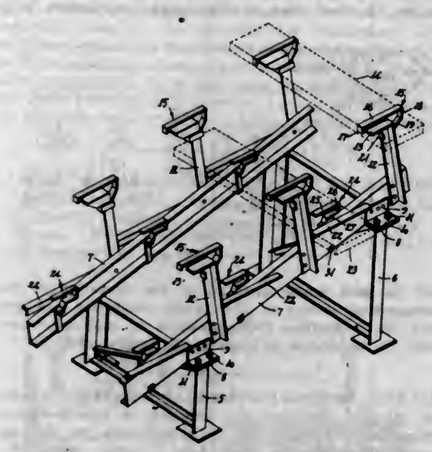
A card protector comprising a single sheet of material possessing a substantial inherent flexibility and resiliency cut to provide a body wall with end flaps and a cover wall at one longitudinal edge, said end flaps being bent on spaced apart sharp crease lines into spaced overlapping relation upon the body wall to hold a stack of cards thereagainst, said cover wall being bent on sharp spaced apart crease lines into overlapping relation upon said flaps and over the body wall to enclose the stack of cards and having a closure flap at its free edge bent on spaced crease lines into spaced overlapping relation upon the cover wall and adapted to snap about the opposite longitudinal edge of the body wall for closing in the stack of cards and retaining the cover wall closed.

1,624,720. RACKET STRING. ARTHUR M. DRITZ, New York, N. Y. Filed Dec. 16, 1926. Serial No. 155,209. 5 Claims. (Cl. 273—73.)



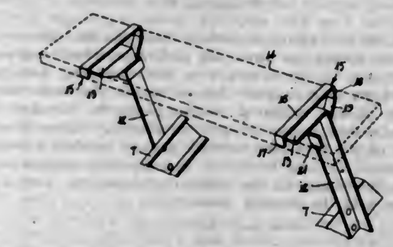
1. As a new article of manufacture, a racket string including a stranded gut body, and a helically wound binding wire thereon, the convolutions of which are embedded in the outer surface of the gut body.

1,624,721. KNOCKDOWN STAND. CHARLES ANDRE DUKE, New York, N. Y. Filed June 11, 1926. Serial No. 115,300. 4 Claims. (Cl. 304—1.)



3. A knock-down stand comprising stringers, a board extending across and seated on said stringers, and clips having portions to be slipped into engagement with one edge portion of the board and to fit astride said edge portion, and the clips having lower hooks to engage under the stringers.

1,624,722. KNOCKDOWN STAND. CHARLES ANDRE DUKE, New York, N. Y. Original application filed June 11, 1926, Serial No. 115,300. Divided and this application filed Feb. 12, 1927. Serial No. 167,698. 2 Claims. (Cl. 304—1.)



1. A knock-down stand comprising supporting standards, a board seated on and supported by said standards, and removable clips having portions to extend over said board and other portions to extend partly around said standards for holding the board in place on the standards.

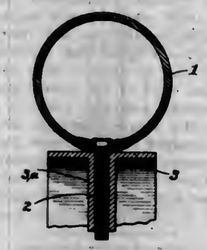
1,624,723. VULCANIZATION ACCELERATOR AND PROCESS OF MAKING SAME. HAROLD WALTER ELLEY and DONALD HOWARD POWERS, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Dec. 2, 1924. Serial No. 753,524. 29 Claims. (Cl. 18—53.)

10. The process of treating rubber which comprises mixing with the rubber a vulcanising agent and the product obtainable by condensing a nitroso-dialkyl-amino compound with a primary amine and condensing the resulting amino-hydrazine derivative with a reactive aldehyde, and subjecting the mixture thus formed to vulcanization.

1,624,724. RUBBER COMPOSITION AND METHOD OF PREPARING SAME. HAROLD WALTER ELLEY, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed May 5, 1926. Serial No. 106,969. 15 Claims. (Cl. 18—53.)

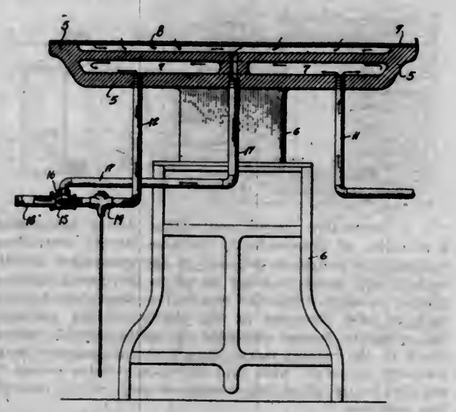
1. The method of protecting a composition comprising rubber from oxidation which method comprises the incorporation into said composition of an aryl compound containing nitro, amino and hydroxy groups.

1,624,725. METHOD OF TREATING CURED INNER TUBES FOR PNEUMATIC TIRES. FRANK FENTON, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Aug. 10, 1926. Serial No. 128,461. 3 Claims. (Cl. 18—56.)



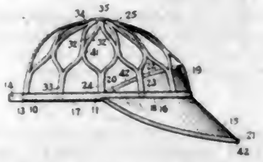
1. The herein described method of treating cured inner tubes for pneumatic tires which consists in supporting the inflated tube so that the wall thereof is free to adjust itself and with the valve stem maintained in the median plane of the tube, and then first heating the tube and subsequently allowing it to cool while so held.

1,624,726. GARMENT PRESS. PETER EDUARD GELDHOF, Syracuse, N. Y., assignor, by mesne assignments, to United States Hoffman Machinery Corporation, New York, N. Y., a Corporation of Delaware. Filed Feb. 2, 1921. Serial No. 441,931. 4 Claims. (Cl. 68—9.)



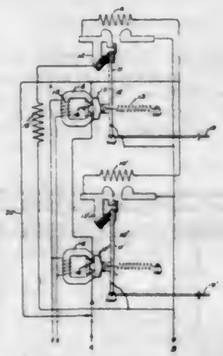
1. In a garment press, the combination of a pressing element having a perforated pressing surface and a heating chamber; a suction conduit in communication with the pressing surface of said element; and means for passing a heating medium to and through said chamber and through the action of the heating medium discharged from said chamber effecting a suction in the conduit.

1,624,727. SPORT VISOR CAP. CARL M. GOLDBERG, New York, N. Y., assignor to Schaffer & Goldberg, a Copartnership composed of Samuel Schaffer and Carl M. Goldberg, New York, N. Y. Filed Jan. 13, 1927. Serial No. 160,843. 9 Claims. (Cl. 2—176.)



1. In a visor cap, a flexible, non-elastic headband section, subtending less than a complete circle, an elastic member interposed between the ends of said section, a visor of flexible, resilient, transparent material overlapping the lower front edge of said section, a forehead member of the same material as said visor highest at the front central portion thereof and tapering to points at the ends thereof, and in contact with said section only at the front upper edge of the latter, stitching securing said forehead member and said visor to said head-band section whereby the greater part of the outer face of said section is exposed to view, said flexible head-band section being arranged between and serving to space apart vertically the adjacent edges of said visor and said forehead member, and a head strap of a single piece of material secured at its ends to said head-band section.

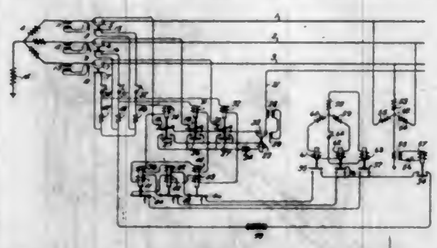
1,624,728. PROTECTIVE DEVICE. GEORGE GRAF, Berlin-Pankow, Germany, assignor to General Electric Company, a Corporation of New York. Filed June 24, 1925, Serial No. 39,370, and in Germany Oct. 27, 1924. 3 Claims. (Cl. 175—294.)



1. A protective circuit controlling device comprising a plurality of independently movable circuit controlling members connected in multiple in the controlled circuit, each of said members being biased to the circuit opening position, electro-responsive means for separately holding each of said members in the circuit closing position, and separate means energized in series circuit responsively to the current in the circuit and arranged to magnetically cooperate with said electro-responsive means to simultaneously effect the release of said circuit controlling members.

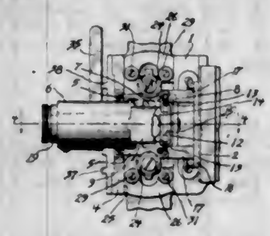
1,624,729. POWER SYSTEM. JOHN D. HILLIARD, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Oct. 24, 1923. Serial No. 670,617. 7 Claims. (Cl. 171—97.)

1. A system of the class described wherein a plurality of main conductors connected to different terminals of current supply means are each provided with means for disconnecting it from the system when it becomes faulty and wherein a spare conductor is arranged to be substituted for any one of said main conductors, characterized by the fact that selector means responsive to a



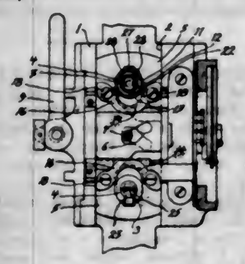
fault on said conductors and to the operation of the disconnecting means of the faulty conductor are provided for controlling the connection of said spare conductor to the system in place of the faulty conductor.

1,624,730. MOTION-PICTURE APPARATUS. ALBERT S. HOWELL, Chicago, Ill., assignor to Bell & Howell Company, Chicago, Ill., a Corporation of Illinois. Original application filed July 1, 1922, Serial No. 572,170. Divided and this application filed Apr. 24, 1924. Serial No. 708,707. 4 Claims. (Cl. 88—18.)



1. A motion picture machine including a film sprocket, a support member mounted for sliding movement normal to the axis of the sprocket, a film retaining member mounted on said support for movement therewith into and out of film retaining relation with the sprocket, a cam formation in the support member extending transversely of the movement thereof, and an actuating member engaged in said formation and movable transversely of the movement of the support member for effecting movement of the support member.

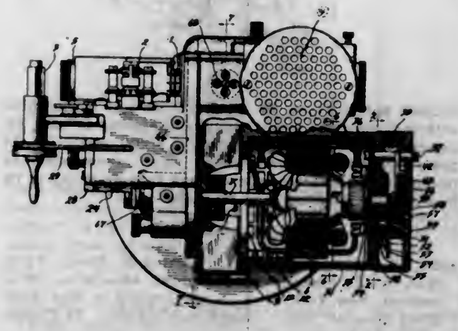
1,624,731. FILM SPROCKET GUIDE. ALBERT S. HOWELL, Chicago, Ill., assignor to The Bell & Howell Company, Chicago, Ill., a Corporation of Illinois. Filed July 17, 1924. Serial No. 726,538. 7 Claims. (Cl. 88—17.)



1. In a device of the character described the combination with a film sprocket provided with teeth adjacent respective ends thereof, of a segmental guide associated

therewith for retaining a perforated film engaged with the sprocket and provided with concave guide surfaces facing the sprocket and extending angularly with respect thereto and disposed in spaced relation adjacent respective ends of the sprocket for engagement with marginal portions of the film on the sprocket, said guide surfaces consisting of outer portions disposed on the outsides of respective teeth and inner portions stepped from the outer portions in a direction away from the axis of the sprocket and overlying respective teeth of the sprocket.

1,624,732. MOTION-PICTURE PROJECTING MACHINE. ALBERT S. HOWELL, Chicago, Ill., assignor to The Bell & Howell Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 16, 1924. Serial No. 732,469. 14 Claims. (Cl. 88—17.)

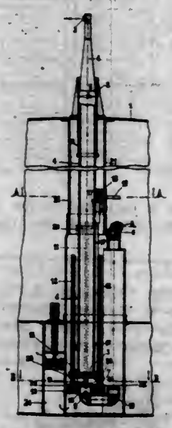


1. In a motion picture projecting machine the combination with a driven film feeding mechanism, of means for reversing the direction of operation of the feeding mechanism, a pivoted member for operating said reversing means, a revoluble stop gear disposed coaxial with the pivoted member, a second revoluble stop gear carried by the pivoted member and meshing with the first mentioned stop gear and cooperating therewith, and means for driving said first mentioned stop gear with the film feeding mechanism whereby to operate said pivoted member to operate said reversing means to effect reversal of the direction of operation of the feeding mechanism at opposite ends of a predetermined travel of a film fed by said feeding mechanism.

5. In a motion picture projecting machine the combination with a driven film feeding mechanism, of a shutter movable into and out of position to interrupt the projecting light on a film fed by said feeding mechanism, an air impelling device driven with the feeding mechanism, means for automatically reversing the direction of operation of said feeding mechanism and said impelling device at opposite ends of a predetermined travel of a film fed by said feeding mechanism, and pneumatic means responsive to air affected by the operation of said impelling means for causing the shutter to be closed during reversal of the feeding means and to be open during operation of the feeding means between reversals thereof.

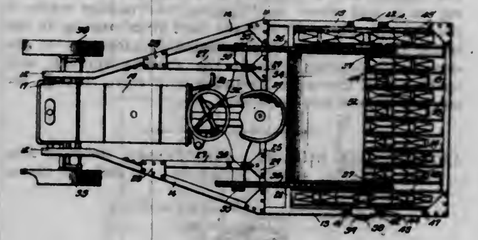
1,624,733. PERISCOPE MORE PARTICULARLY FOR SUBMARINES. JULES HUMBRECHT, Fridenau, near Berlin, Germany, assignor to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Fridenau, near Berlin, Germany. Filed Aug. 23, 1921, Serial No. 494,497, and in Germany Jan. 19, 1916. 2 Claims. (Cl. 88—1.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)

1. In a periscope, more particularly for submarines, a casing for the optical elements of the instrument consisting of at least two parts axially shiftable with relation to each other the one provided with a light admission opening and with an optical system firmly mounted therein having a finite focal length and a further casing part being provided with the eye-piece, the instrument further provided with a reflecting device arranged in the path of rays between the light admission opening and the eye-piece, driving spindles in co-operative connection as well



with the casing part provided with the light admission opening as with the reflecting device, a reflector driving spindle rotatable within a nut in firm connection with the casing part provided with the eye-piece and interconnected and geared with the spindle actuating device for the casing part provided with the light admission opening.

1,624,734. METHOD OF TAMPING AND TAMPING MACHINE. CALVERT R. HUNT, Kansas City, Mo. Filed Aug. 2, 1926. Serial No. 126,442. 9 Claims. (Cl. 94—50.)

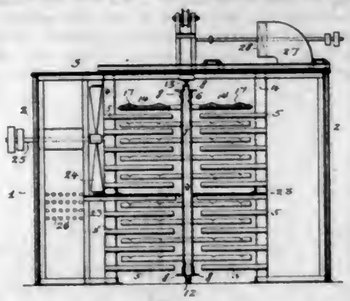


1. In a device of the character described, a framework, a rotatable shaft mounted on the framework, and taping and kneading means mounted on said shaft to rotate therewith, and comprising sets of members, the members of one set having contact surfaces differing from those of the other set for the purpose set forth.

1,624,735. RACK DRIER FOR BRAKE LININGS AND OTHER STRIP MATERIAL. ALPHEUS O. HURXTHAL, Philadelphia, Pa., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Feb. 4, 1927. Serial No. 165,922. 8 Claims. (Cl. 34—48.)

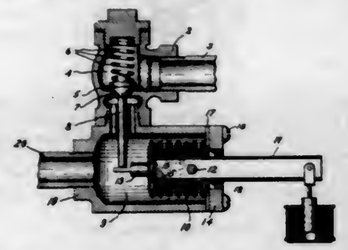
1. The combination in a drier for drying strip material, of a casing having a series of horizontal supporting arms for the material to be dried; a truck arranged to

travel longitudinally into the drier; and means for attaching one or more strips of material to the truck, so



that when motion is imparted to the truck it will draw the strips into the drier and over the fixed supporting arms.

1,624,736. VALVE. LEONARD P. HUTT, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 3, 1925. Serial No. 6,649. 3 Claims. (Cl. 251—31.)



1. In combination with a conduit system for conveying a fluid, a valve within the conduit for controlling the flow of the fluid in the system, an opening in the side of the conduit and a flexible cup within the conduit serving as a seal about said opening, the outside walls of the cup serving to prevent the fluid from passing to the inside of the cup, a lever mounted in proximity to the cup and extending outside the conduit through said opening, and means for operating said valve through the medium of said lever and said cup.

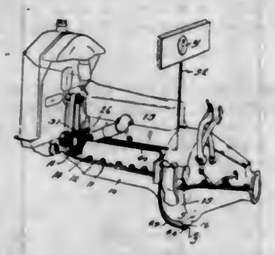
1,624,737. TIE HOLDER. JOHN JENSEN, Houston, Tex. Filed Sept. 23, 1926. Serial No. 137,298. 1 Claim. (Cl. 2—150.)



A tie holder comprising a tapered tube adapted for the passage of the ends of the tie, said tube being substantially oval in cross section and a partition within the tube and extending longitudinally thereof to divide the tube into two openings for the reception of the ends of the tie, said partition at the upper end thereof extending transversely of the tube upon the minor axis thereof and at its lower end extending transversely of the tube upon the major axis thereof.

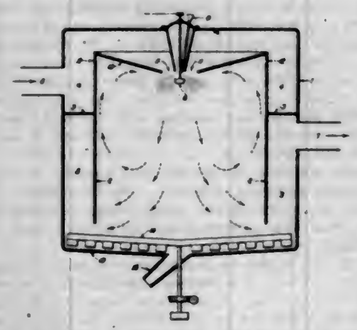
1,624,738. OIL PUMP. HANS P. JESPERSON, Sioux City, Iowa. Filed Dec. 26, 1925. Serial No. 77,719. 4 Claims. (Cl. 123—195.)

1. In combination with an automobile engine having a cylinder block, a crank case having an opening to receive a forward crank case bolt for securing said block and crank case together, a cylinder front cover having an opening adapted to receive an intermediate right cap screw for securing said cylinder cover to the cylinder block, the cylinder block having a time gear shell including substantially vertical and downwardly and outwardly



inclined portions; an oil pump disposed in engagement with said portions, means securing the pump in such engagement, said means including a screw engaging the pump through said cover opening, and a screw extending through said crank case opening and into the pump at its free side for securing it to the block.

1,624,739. SPRAY DRYING. ARTHUR B. JONES, Plainfield, N. J., assignor to Industrial Associates, Incorporated, New York, N. Y., a Corporation of New York. Filed June 18, 1926. Serial No. 116,930. 10 Claims. (Cl. 159—4.)

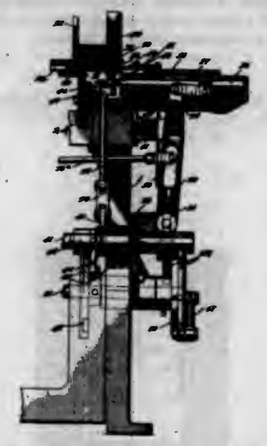


1. The method of spray drying which comprises dispersing a fluid as a nebula, causing a convection current to traverse the zone of said nebula, leading the chilled and moisture saturated portion of the convection current from the lower end of the drying chamber, and causing the unsaturated portion of the convection current to rise and to re-enter the nebula zone to there absorb further moisture.

1,624,740. CARTON-FEEDING MECHANISM FOR CARTON FOLDING AND FILLING MACHINES. RUEL ANDERSON JONES, Covington, Ky., assignor to R. A. Jones & Company, Inc., Covington, Ky., a Corporation of Kentucky. Filed Jan. 22, 1925. Serial No. 4,105. 4 Claims. (Cl. 271—32.)

4. In a machine of the class described, a magazine for supporting a stack of collapsed flat cartons, and a reciprocating ejector for successively ejecting the cartons operating upon the lowermost carton of the stack, said ejector having forwardly extending spaced and different

length lips, the lower lip being the longer to support the carton, the upper lip shaped to form in conjunction with the lower lip a socket for receiving the bowed carton and engaging about the edge of the carton to obtain a



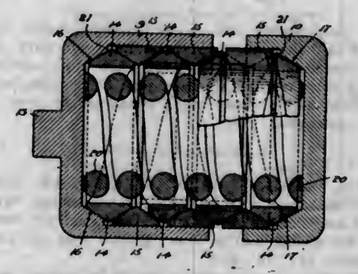
very substantial hold upon the carton and sustain the same against vertical displacement or release from the ejector as the ejector moves forwardly to convey the carton from the magazine.

1,624,741. DISPLAY DEVICE. LOUIS A. LEPPKE and JOHN HARRY SCHARF, Omaha, Nebr. Filed Dec. 10, 1926. Serial No. 153,821. 5 Claims. (Cl. 40—142.)



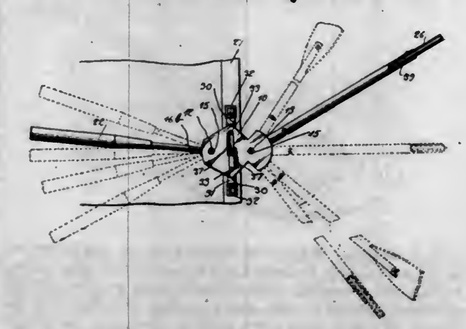
1. In a display device, a background having keeper characteristics, an object holder, comprising a base, a magnetizable body, and a plate, said plate securing said base to said magnetizable body.

1,624,742. SPLIT-RING DRAFT GEAR. BYERS W. KADEL, Baltimore, Md., assignor to The Symington Company, New York, N. Y., a Corporation of Maryland. Filed Mar. 28, 1924. Serial No. 702,638. 19 Claims. (Cl. 213—29.)



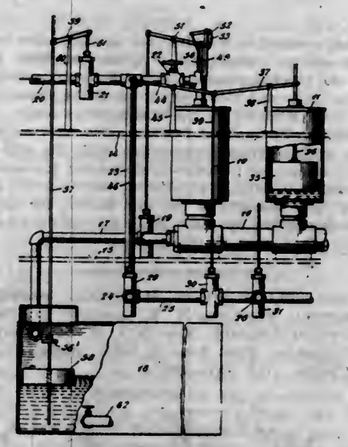
17. A shock absorbing mechanism involving symmetrical radially yieldable rings of spring metal, each of said rings comprising split complementary bands, the thickness of each band being greater at its center than adjacent its ends.

1,624,743. BOW-FACING OAR. WILLIAM HENRY KIMBERLIN, Bismarck, N. Dak. Filed Nov. 4, 1926. Serial No. 146,234. 10 Claims. (Cl. 9—25.)



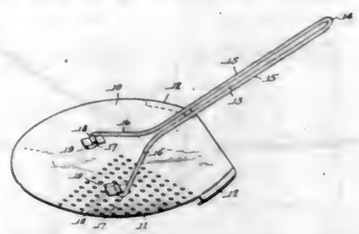
1. In a feathering oar and in combination, a plate, a lever pivoted to the plate, means for shifting the lever about the pivot thereof, a sleeve rotatably mounted upon the lever and bearing a blade, means limiting rotation of the sleeve at positions where the blade is arranged in the plane of swing and when the blade is perpendicular to the plane of swing of the lever, a lug upon the sleeve having faces coacting with the plate when the sleeve is at said limits of its movement to prevent return movement of the sleeve, means coacting with the tube when the lever is at the opposite limits of its movement for partially rotating the sleeve from one toward the other of said positions, said plate having coaction with said lug during the initial portion of the stroke of the lever completing the rotation of the sleeve from one to the other of said positions.

1,624,744. AUTOMATIC HYDRAULIC IRRIGATION SYSTEM. ERNEST A. KIENAST, Los Angeles, Calif. Filed Oct. 24, 1924. Serial No. 745,700. 6 Claims. (Cl. 299—27.)



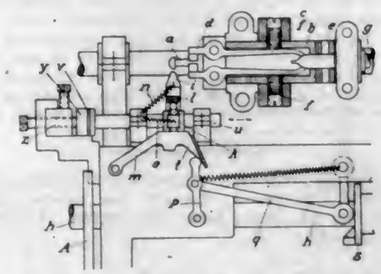
1. In an irrigation system, a plurality of feed pipes leading to individual sections to be irrigated, a primary tank, and a plurality of secondary tanks each individual to and connected with one of the said feed pipes, a drain pipe connected with said primary and secondary tanks, a drain tank, and means connected with said primary tank for controlling the discharge of the contents of said drain pipe into said drain tank.

1,624,745. COMBINED COVER AND STRAINER. FREDRICK W. KUHNAST, New York, N. Y. Filed July 28, 1926. Serial No. 125,487. 7 Claims. (Cl. 53—8.)



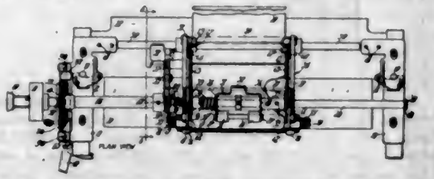
3. A draining device for utensils of the character set forth, said device including a flat perforated body having a marginal depending bead-engaging hook at one side and a handle pivoted to the upper surface and adjacent the center of said body for limited swinging movement whereby to insure the projection of the handle from the side provided with the bead-engaging hook.

1,624,746. AUTOMATIC MACHINE FOR MAKING THE HEADS OF SLOTTED WOODEN OR IRON SCREWS. KARL KUMPMANN, Ludenscheid, Germany. Filed June 22, 1926, Serial No. 117,821, and in Germany May 7, 1924. 2 Claims. (Cl. 10—8.)



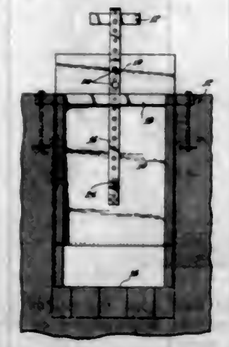
1. An automatic machine for making the heads of slotted screws, comprising a rotary machine head in which the blank is clamped, a tool holder mounted on the machine frame and oscillatory towards the blank, an oscillatory lever mounted on the said machine frame, the said lever having an inclined bearing surface, a second lever on the machine frame cooperating with the said bearing surface, means for periodically displacing the said second lever and thus lifting the said oscillatory lever, and two cutting tools mounted in the said holder, the one of the said tools working upon the upper face of the screw head, and the other upon the lower face.

1,624,747. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 2, 1925. Serial No. 34,303. 36 Claims. (Cl. 197—135.)



1. In a typewriting machine, the combination with a platen-carriage and regular line spacing mechanism, of a stencil-card typing device detachably mountable as a unit upon the carriage, said device including means to present the card at the printing line for typing a line adjacent the top edge of said card, and means operable by said line-spacing mechanism to line-space and group all of the remaining lines of typing, with the top and the bottom lines of said group spaced equal distances from the respective top and bottom edges of the card.

1,624,748. WATER GATE. KARL F. LILJEGREN, Donna, Tex. Filed Aug. 18, 1924. Serial No. 732,771. 4 Claims. (Cl. 61—28.)



1. The combination with an upwardly and downwardly movable water gate, of a frame having side walls by which the gate is guided in such movement and a sill to coact with the lower edge of said gate, one of such coacting parts having a sharp knife-like coacting part and the other of such parts being of softer material than the knife-like part and serving as a chopping block against which trash may be cut and into which the sharp knife-like part may be forced to effect a tight embedding closure at the bottom of the gate.

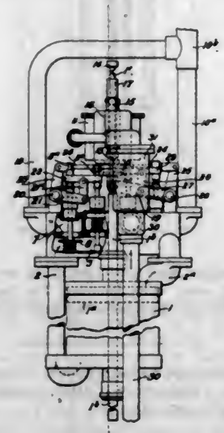
1,624,749. PULP-HEATING COIL. HARRY W. LOWE, Indianapolis, Ind.; Mark W. Lowe, administrator of said Harry W. Lowe, assignor to John P. Dalzell, Minneapolis, Minn. Filed Mar. 26, 1919. Serial No. 285,142. 4 Claims. (Cl. 257—205.)



1. A pulp-cooking coil, comprising a plurality of pipe sections, for immersion in the pulp, a plurality of separate discharge connections for such pipe sections, a separate downwardly extending pipe from each discharge connection, and a check valve connected to each downwardly extending pipe.

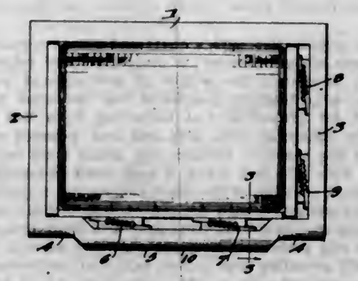
1,624,750. MEANS FOR MEASURING BY VOLUME PETROL AND OTHER FLUIDS. ARTHUR WILLIAM MACLEOD, London, England. Filed Aug. 10, 1925, Serial No. 49,332, and in Great Britain Aug. 28, 1924. 3 Claims. (Cl. 73—30.)

1. Apparatus for measuring liquids by volume, comprising in combination a measuring cylinder having ports at the ends thereof for the inlet and discharge of liquid, valves to control said ports, a piston and piston rod free to reciprocate in said measuring cylinder, an auxiliary cylinder having ports at the ends thereof for the inlet and discharge of liquid, a piston and piston rod free to reciprocate in said auxiliary cylinder, a slide valve for controlling the inlet and discharge ports of said auxiliary cylinder, means on the piston rod of the piston of said measuring cylinder to coact with said slide valve of said auxiliary cylinder to mechanically reverse the position of said slide valve immediately prior to the piston rod of the measuring cylinder reaching the end of its stroke, a main supply pipe to convey the supply of liquid under pressure to said valves of said measuring cylinder, a branch pipe from said main supply pipe extending to



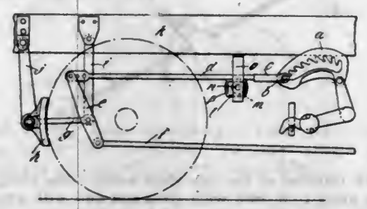
said auxiliary cylinder, a spring-loaded back-pressure valve in said branch pipe to permit of the passage of pressure liquid to said slide valve of said auxiliary cylinder only when said piston of said measuring cylinder arrives at the end of its stroke and the liquid pressure in said branch pipe increases, and means connecting the inlet and discharge valves of said measuring cylinder with the piston rod of said auxiliary cylinder to cause the movement of the said piston rod of said auxiliary cylinder to reverse the flow to and from said measuring cylinder at the end of each stroke of said piston in said measuring cylinder.

1,624,751. PRINTING-PRESS CHASE. ALBERT M. MCMILLAN, Riverdale, Md. Filed Aug. 6, 1926. Serial No. 127,672. 2 Claims. (Cl. 101—391.)



1. A printing press chase of substantially rectangular frame having one of the sides thereof offset in its middle portion to receive locking quoins, the middle portion being offset a distance corresponding substantially to a width of standard type furniture.

1,624,752. BRAKE SLACK ADJUSTER FOR VEHICLES. JOHN MITCHELL and JOHN CECIL GEORGE COSSEY, London, England. Filed May 24, 1926, Serial No. 111,348, and in Great Britain July 2, 1925. 6 Claims. (Cl. 188—198.)



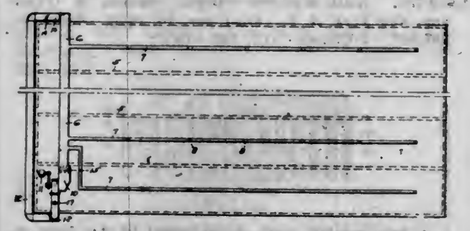
1. A brake slack adjuster for railway vehicles comprising a slotted and internally toothed segment interposed between two parts of a brake gear, a pin on one of said parts adapted to engage in the teeth of the segment, and means for imparting a two-part movement to a portion of the brake gear during the return of said gear to the "off" position.

1,624,753. REVERSIBLE COMB. JUAN DE DIOS MORENO, San Francisco, Calif. Filed Nov. 29, 1926. Serial No. 151,478. 1 Claim. (Cl. 132—11.)



In a comb, a coarse section, a fine section, a hand hold section connecting said coarse section and said fine section, said hand hold section having outstanding ribs formed on the opposite sides thereof and diagonally disposed with relation to the teeth thereof, and the teeth of said coarse section and said fine section being disposed in opposite directions.

1,624,754. DRYING SYSTEM. MORITZ L. MUELLER, Seattle, Wash., assignor to Northwest Blower Kiln Company, Portland, Oreg., a Corporation of Washington. Filed Nov. 4, 1926. Serial No. 146,135. 15 Claims. (Cl. 34—46.)

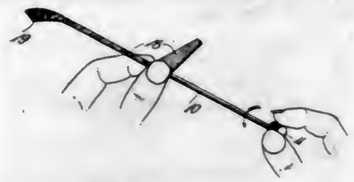


1. The combination with a battery of driers having their usual main circulatory systems, of connecting ducts between all of said driers which are in addition to and auxiliary to said main circulatory systems and are arranged to controllably deliver at will waste vapors from the drying chambers of some of said driers to others of said driers.

1,624,755. PIPE-CLEANING MEANS. HOWARD M. MURPHY, Philadelphia, Pa. Filed June 25, 1926. Serial No. 118,530. 2 Claims. (Cl. 131—13.)

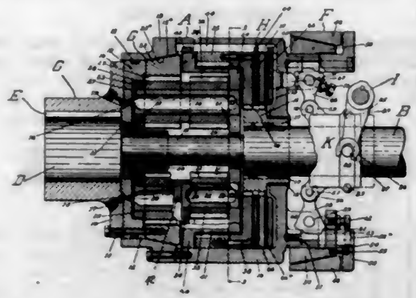
1. Pipe cleaning means comprising a rod having a split which is parallel with the length of the rod and opens through the front end of said rod, and a longitudinally

tapered flexible cleaning strip co-operable with said rod in forming a cleaner; the relatively wide end of said strip being adapted for partial reception in said split,



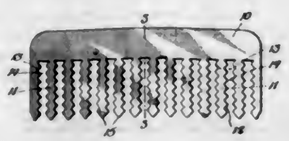
whereby rotation of the rod while holding the strip, will form a swab from said wide strip end and will wind the remainder of the strip around the rod.

1,624,756. REVERSING GEAR. ARTHUR T. NABSTEDT, New Haven, Conn. Filed June 21, 1919. Serial No. 305,884. 37 Claims. (Cl. 74—34.)



1. In a mechanism of the character described, an internal driving gear, an internal driven gear and pinions meshing with each other and meshing respectively with said gears, means supporting said pinions for rotative and bodily movement, a casing embracing said gears and connected to said supporting means, and means for connecting all of said members to rotate together.

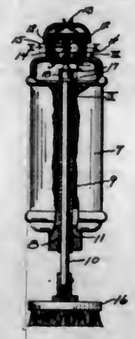
1,624,757. HAIR-WAVING COMB. GEORGE B. O'CONNOR, New York, N. Y. Filed Nov. 10, 1926. Serial No. 147,487. 2 Claims. (Cl. 132—18.)



1. A hair waving comb characterized by flat hair engaging members whose opposite side edges have lateral pointed portions of uniform size and shape.

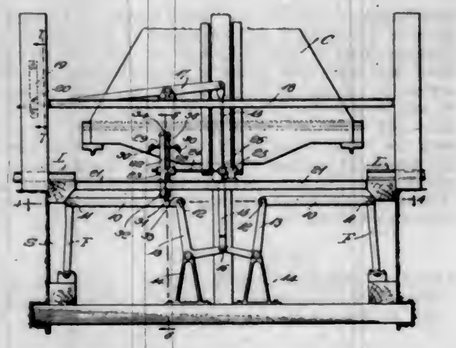
1,624,758. ELECTRIC SHOE CLEANING AND POLISHING MACHINE. HEZEKIAH POWELL, Kansas City, Mo., and WALTER P. GROVES, Edwardsville, Kans. Filed Oct. 6, 1925. Serial No. 60,722. 4 Claims. (Cl 172—36.)

1. In a machine of the kind described, having in combination with an electric motor, a shaft rotatable by said motor and mounted therein for longitudinal movement, a switch associated with the motor and adapted to control the current thereto, said switch being opened and closed as said shaft is moved longitudinally and means including a pivotally mounted shaft engaging member having a cam member integral therewith and a manually operable



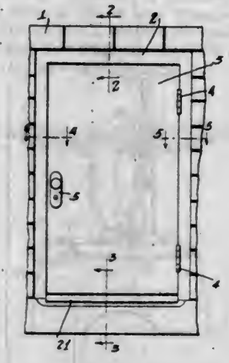
means for actuating said shaft engaging means around its pivot, engaging said cam member for imparting longitudinal reciprocating movement to said shaft.

1,624,759. CAGE-LOCKING MEANS. STEPHEN J. REAP, Olyphant, Pa. Filed June 1, 1926. Serial No. 112,998. 4 Claims. (Cl. 187—75.)



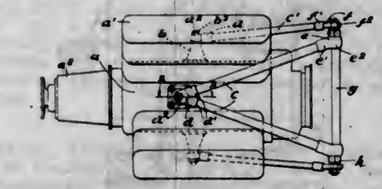
4. In combination with a shaft and a cage mounted for movement along the same; a projectable and retractable support to sustain the weight of said cage at a given landing, a horizontally positioned link connected to said support for projecting and retracting it, a bell crank pivotally connected with said link and mounted at one side of the shaft, a vertical link rising from and connected with said bell crank, a rock shaft mounted horizontally at one side of the shaft and having a crank arm pivotally connected with the end of said vertical link, an actuating arm projecting from said rock shaft toward the cage, a trip projecting from the cage and adapted to engage said actuating arm to rock said shaft only when the cage ascends, whereby to effect retraction of said support, a latch engageable with said horizontal link to hold said support in retracted position, a third arm mounted above said actuating arm and adapted to be upwardly swung by said trip, and a releasing connection between said third arm and said latch for releasing the latter when the former is upwardly swung.

1,624,760. DOOR STRUCTURE. JAMES H. ROWLEY, Chicago, Ill., assignor to The Sykes Company, Chicago, Ill., a Corporation of Illinois. Filed June 15, 1925. Serial No. 37,227. 5 Claims. (Cl. 189—46.)



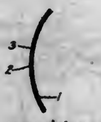
1. The combination in a sheet metal door frame and hinged sheet metal door assembly, of a marginal flange on the door and formed from the metal thereof and extending along the sides and top at the inner face thereof and projecting in the direction of closing movement of the door at the top and lock side thereof and in the plane of the door at the hinge side thereof, an intermediately disposed inwardly projecting molding on the door frame and formed from the metal thereof and extending along the sides and top thereof, a metal strip secured on said molding and extending therealong and projecting therefrom normal to the plane of the door frame opening in spaced relation with the frame in the direction of the door and forming a stop therefor and an open sided channel facing the closed door at the top and lock sides of the frame, and an open sided channel formed from the metal of the frame at the hinge side thereof and extending therealong immediately adjacent the side of the molding adjacent the door and facing the lock side of the frame, said flange being adapted to project into said channels when the door is closed for engagement with packing secured therein.

1,624,761. MEANS FOR SUPPORT OF AERO ENGINES. FREDERICK HENRY ROYCE and ALBERT GEORGE ELLIOTT, West Wittering, near Chichester, England, assignors to Rolls-Royce Limited, Derby, England. Filed July 31, 1926, Serial No. 126,284, and in Great Britain Aug. 8, 1925. 6 Claims. (Cl. 244—31.)



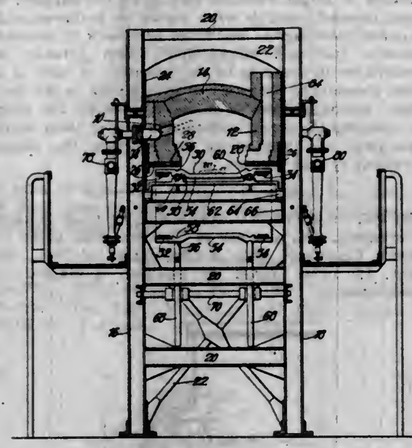
1. In an aeroplane means for supporting the engine on the face of the nacelle comprising cantilever triangular brackets projected from the nacelle and trunnions projected from the sides of the engines and secured to the apices of such brackets.

1,624,762. REFLECTOR LAMP. ALFRED RÜTTENAUER, Charlottenburg, Berlin, and GEORG GAIDIES, Pankow Berlin, Germany, assignors to General Electric Company, a Corporation of New York. Filed May 14, 1926, Serial No. 109,160, and in Germany June 26, 1925. 3 Claims. (Cl. 176—34.)



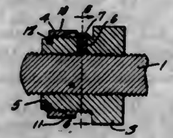
1. An electric lamp comprising a bulb, and a silver coating on the bulb protected by a fused enamel layer covering and hermetically sealing the coating.

1,624,763. HEATING FURNACE. HERBERT C. RYDING and ARTHUR B. HASWELL, Birmingham, Ala. Filed Apr. 9, 1926. Serial No. 100,851. 4 Claims. (Cl. 214—18.)



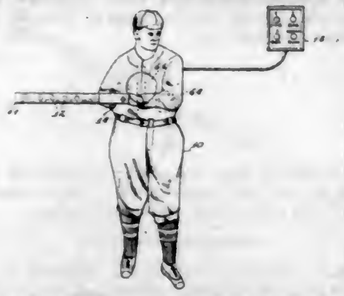
1. A heating furnace having an endless travelling hearth comprising spaced chains having cross flights secured thereto, and cooled means for supporting said flights independently of said chains.

1,624,764. NUT LOCK. BURT SALE, Riverside, Calif. Filed Aug. 7, 1926. Serial No. 127,884. 2 Claims. (Cl. 151—24.)



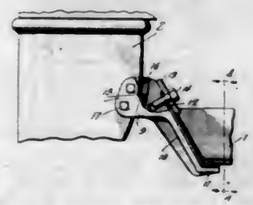
1. The combination, a bolt, a nut screwed thereon, said nut having an outer threaded portion provided with a series of radially disposed openings that communicate with its bore and having an annular depression at its outer end, pins, each of which having an inner pointed end and an outer headed end, one of which being received in each of the mentioned openings, a cap nut screwed on the exteriorly threaded portion of the first mentioned nut having its bore flared at one end, for frictional contact with the heads of the pins for forcing said pins through the openings to cause the pointed ends thereof to bite and distort the threads of the bolt and a ring member seated in the groove of the first mentioned nut for holding the cap nut thereon.

1,624,765. TARGET GAME. WILLIAM C. SCHMEH, Park Ridge, N. J. Filed Aug. 10, 1926. Serial No. 128,392. 4 Claims. (Cl. 273—102.)



1. A target game comprising a swinging support, a plurality of target elements carried by the support, each target element operable when struck by a thrown object, an annunciator, means associated with each of said target elements and said annunciator which actuates said annunciator in response to the operation of each of said target elements as the result of being struck by the thrown object, manually operable means carried by the support for resetting the target elements to render them operable repeatedly, and mechanism for effecting the swinging movement of said support.

1,624,766. FASTENING DEVICE. WILLIAM SCHRODER, Covington, Ky., assignor to The Sebastian Lathe Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 22, 1924. Serial No. 745,246. 2 Claims. (Cl. 248—20.)



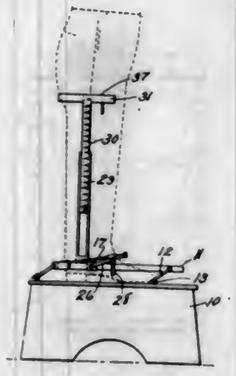
1. A device of the class described comprising a body portion slotted at one side to provide spaced jaws adapted for engagement with or about a portion of a support and having a leglike extension providing a flat face lying in a plane at right angles to the long axis of the slot, said leg terminating in an angular foot for supporting the receptacle at the bottom and a clamping jaw adapted for cooperation with the upper edge of the receptacle supported by the leg and foot, to force the receptacle against the leg, and clamping elements for the jaws.

1,624,767. BOLT. WILLIAM SCHWEMLEIN, Parkersburg, W. Va., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va., a Corporation of West Virginia. Filed Dec. 29, 1924. Serial No. 758,763. 1 Claim. (Cl. 85—9.)



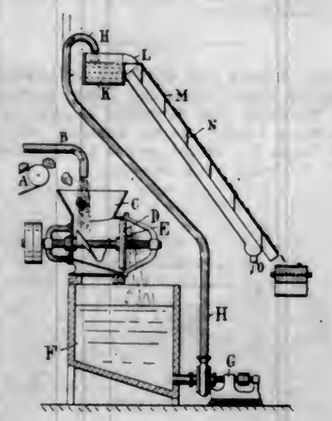
A bolt comprising a threaded portion, a head formed on one end of said threaded portion, and a projection extending from one side only of said threaded portion adjacent the under side of said head, said projection being of a width equal to the diameter of the threaded portion of said bolt, and the sides of said projection being parallel to each other.

1,624,768. TAILOR'S MEASURE. BRYANT SIMPSON, Washington, D. C. Filed Aug. 5, 1924. Serial No. 730,290. 3 Claims. (Cl. 33—8.)



1. A tailor's measure comprising a support, a frame mounted thereon, a heel engaging member pivotally supported on said frame, a yoke pivotally and slidably mounted on said frame, a graduated tape of elliptical formation supported on the said heel engaging member and yoke and capable of being adjusted toward and away from said support, and also varying in length, and adapted to be used for measuring the width of the bottom of a trouser leg, and a gage pivotally mounted on said yoke and adjustable in a vertical plane to measure the angle or hollow of the bottom of said trouser leg.

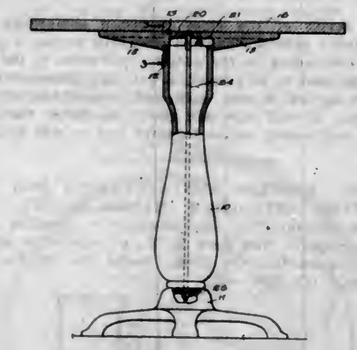
1,624,769. REMOVAL OF WATER FROM PEAT AND THE LIKE. OLOF SÖDERLUND and TROTTON BOBERG, Clapham Park, and NILS TESTRUP, Westminster, London, England, assignors to Techno-Chemical Laboratories, Limited, London, England. Filed Sept. 30, 1924, Serial No. 740,870, and in Great Britain Nov. 7, 1923. 5 Claims. (Cl. 44—27.)



1. The method of reducing peat to matter from which the liquid can subsequently be largely extruded by pressure comprising adding a quantity of water which will reduce the solid matter to not more than 2 per cent of the mass, thoroughly mixing the mass and shortening

any extended fibres, carrying the mass over perforated surfaces through which the water and contained slimy constituents can pass and collecting the matter from said perforated surfaces.

1,624,770. TABLE. ROBERT J. STUART, Poughkeepsie, N. Y.; Etta Barlow Stuart and Thomas H. Stuart executors of said Robert J. Stuart, deceased. Filed Sept. 11, 1923, Serial No. 662,107. Renewed May 14, 1926. 4 Claims. (Cl. 45—117.)



1. A table comprising a pedestal, a spider having depending ribs forming a socket for receiving the upper end of the pedestal, a top carried by the spider, means for adjusting the spider on the pedestal to level the top, and means preventing the turning of the top with respect to the pedestal.

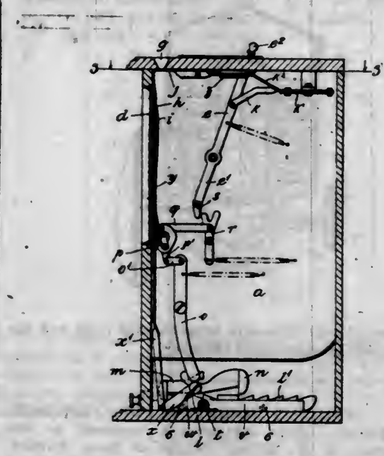
1,624,771. CONSTRUCTION OF WHEELS FOR ROAD VEHICLES. GEORGE TURNER, Parramatta, near Sydney, and JOSEPH ELDRED BISHOP, Mosman, near Sydney, New South Wales, Australia. Filed July 27, 1923, Serial No. 654,137, and in Australia Mar. 26, 1923. 1 Claim. (Cl. 301—95.)



In a wheel having a rim comprising a series of felloes of a definite circumferential width adapted to receive the spokes of the wheel and a plurality of felloes of a relatively smaller circumferential width disposed intermediate each pair of the said spoke receiving felloes; a longitudinally extending groove formed in the opposite radially extending sides of each of said felloes; and a strip fitted within the adjacently positioned grooves of the adjacent felloes.

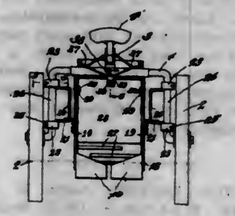
1,624,772. TREASURY-NOTE CABINET. ARTHUR WARREN, Kennington Cross, and SAMUEL NORMAN SOLOMON, Westminster, London, England. Filed Nov. 24, 1924, Serial No. 751,945, and in Great Britain Dec. 29, 1923. 4 Claims. (Cl. 132—1.)

3. A note receiving and displaying apparatus of the type referred to for containing a supply of notes combined with a change giving mechanism consisting of at least one change delivery drawer corresponding to the value of the notes, a locking device for each drawer consisting of a single rack bar the teeth of which are cut in reversed directions and two correspondingly reversed pawls coacting with said rack teeth, a lever engaging



the tails of both said pawls, and means for operating said lever from the mechanism of the note receiving and displaying apparatus.

1,624,773. BOLL-WEEVIL CATCHER. ROSS WEAVER, Forrest City, Ark. Filed Nov. 14, 1923. Serial No. 674,719. 4 Claims. (Cl. 43—133.)

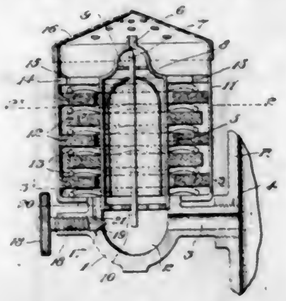


1. In an insect exterminator, an arched axle, spaced clamping members secured for adjustment on the side portions of said axle, U-shaped securing brackets received by the clamping members, a hood, bracket plates connected to the sides of said hood and having loose connection with the securing brackets to allow a swinging movement of said hood, plant engaging arms having one of their ends secured to the inner side walls of said hood and being adapted to remove insects from plants, and liquid containing troughs formed with said hood for receiving the insects removed from the plants by the arms.

1,624,774. COMBINED AIR PURIFIER OR HUMIDIFIER AND RADIATOR VENT VALVE. ADOLPH BAUER, Newark, N. J., assignor to Richard C. Jenkinson, doing business as R. C. Jenkinson & Co., Newark, N. J. Filed Mar. 20, 1924. Serial No. 700,497. 11 Claims. (Cl. 237—78.)

8. A device of the character described, comprising a casing having two chambers one of which surrounds the other, said chambers communicating at one end with a common fluid inlet and having independent outlets at

their other ends, an automatic valve for controlling the outlet of one of said chambers, and an absorbent material



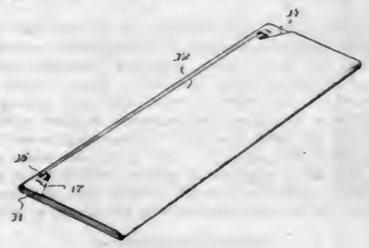
in the other of said chambers between said inlet and the outlet of said last-mentioned chamber.

1,624,775. LIGHTING MAGNETO FOR VEHICLES. FRITZ BOVARD, Bern, Switzerland, assignor to the Firm: Sport S. A., Bienne, Canton of Bern, Switzerland. Filed Dec. 11, 1923. Serial No. 680,014. 1 Claim. (Cl. 200—80.)
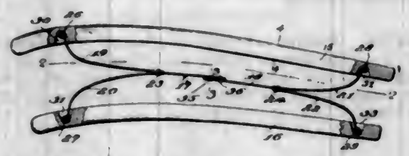


In a lighting magneto for vehicles of the kind where with the increasing speed resistances are switched-in in parallel to the lamps and in combination, a rotor shaft, a plate spring surrounding said shaft concentrically and attached with one end to said shaft, a contact weight secured to the free end of said plate and a plurality of stationary contacts arranged resiliently behind each other in the path of said weight and adapted to be switched-in successively.

1,624,776. FILE JACKET. JOHN K. CASSEL, Ainsworth, Nebr. Filed Feb. 8, 1924. Serial No. 691,456. 1 Claim. (Cl. 229—87.)



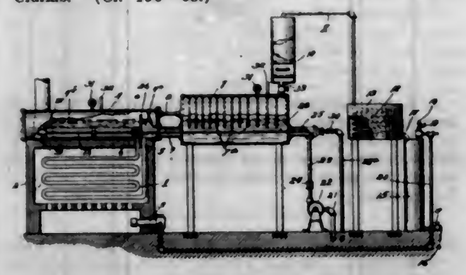
In a device of the class described, a main sheet adapted to have its end portions folded toward each other, resilient securing means connected with one edge portion and projecting therefrom, an oppositely located portion of the sheet having parallel series of pockets for engagement by the resilient means, said pockets including an inner wall constituting a folded reinforcing strip, and an apertured wall providing entrance openings, the folds of the inner and outer walls being on opposite sides of the pockets.

1,624,777. SLEEVE-PRESSING FORM. LAWRENCE T. CHELLIS, Corvallis, Oreg. Filed Feb. 23, 1924. Serial No. 694,646. 6 Claims. (Cl. 223—19.)



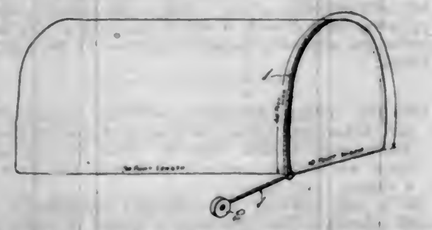
1. A device of the class described comprising two substantially narrow elongated ribs, each having a curvature corresponding to the natural curvature of the part of the garment to be pressed, a flat strip arranged therebetween, spring means connected respectively to the outer ends of said ribs, and means to fasten the inner ends of said spring means together and to said strip.

1,624,778. PROCESS AND APPARATUS FOR CONVERTING PETROLEUM HYDROCARBONS. ROY CROSS, Kansas City, Mo., assignor to Gasoline Products Company, New York, N. Y., a Corporation of New York. Filed Oct. 29, 1923. Serial No. 671,355. 10 Claims. (Cl. 196—68.)



3. A process for converting petroleum hydrocarbons consisting in charging the oil to an initial stage in which the oil accumulates in a pool, thence through a heating stage and then to a conversion stage, maintaining the liquid products in the initial stage and the conversion stage separate with open vapor communication therebetween, passing the evolved vapors from the conversion stage through the initial stage containing the pool of relatively cooler oil, thence to dephlegmating and condensing stages, withdrawing the unvaporized products from the conversion stage and utilizing their energy to produce a turbulent condition of the oil in the conversion stage, and maintaining carbon, separated during the conversion reaction, in a suspended condition.

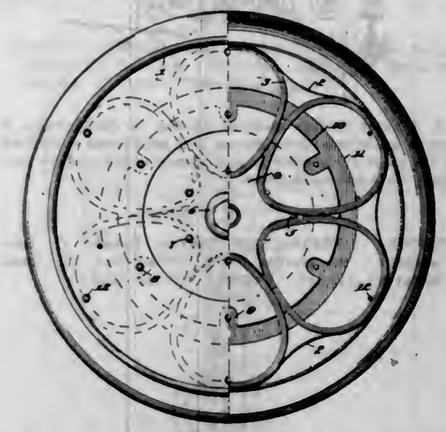
1,624,779. MEASURING TAPE. LOUIS C. DE CAMP and ALFRED J. DE CAMP, Molina, Colo. Filed Oct. 6, 1924. Serial No. 742,031. 1 Claim. (Cl. 33—137.)



A hay-stack measuring device comprising a tape line adapted to be passed transversely over an elongated hay-stack and transversely along the ground at one end of

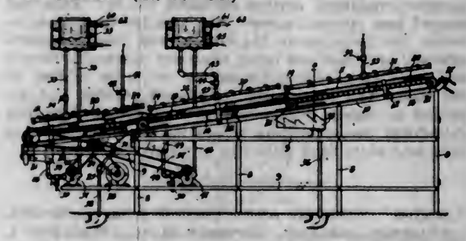
the stack, said tape having spaced pairs of numbers at or near one pair of which, the free end of the tape will be located when said tape is positioned as above stated, the numbers reached by said free end of the tape showing two approximate weights of an imaginary slice one foot thick cut transversely from the stack being measured, one weight being that of one kind of hay while the other is that of another kind, said tape also being divided into feet, whereby after determining the weight of the aforesaid imaginary slice one foot thick, the length of the stack in feet may be measured with the tape, multiplication of said weight by the number of feet of stack length, giving the approximate weight of the entire stack.

1,624,780. WHEEL. FRANCISCO DE LUCA, Santiago de Chile, Chile. Filed Sept. 25, 1924. Serial No. 739,905. 4 Claims. (Cl. 152—8.)



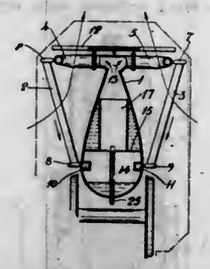
4. A resilient wheel comprising a rim and a hub, leaf spring-rings of ovoid shape having the broad ends seated adjacent the rim and their apices seated adjacent said hub, a casing comprising an annular part carried by said rim and a central part carried by said hub, the walls of said parts freely telescopic in an intermediate zone, bolts passing through said annular part bearing against the inner surfaces of said rings at their broad ends, and bolts passing through said central part bearing against the inner surfaces of said rings adjacent their apices, said rings being otherwise freely floatably mounted with respect to each other and to said casing.

1,624,781. METHOD AND APPARATUS FOR HANDLING PHOTOPRINTS. GLEN M. DYE, Minneapolis, Minn. Filed Aug. 25, 1924. Serial No. 733,967. 31 Claims. (Cl. 95—94.)



1. The method of finishing separate cut photo prints which comprises progressing said prints face upward on a conveyor, and successively spraying on said prints developing and rinsing fluids.

1,624,782. CONDENSER FOR LOCOMOTIVES. ERIK OTTO ERIKSSON, Lidingo-Brevik, Sweden, assignor to Aktiebolaget Ljungströms Angturbin, Lidingo-Brevik, Sweden, a Corporation. Filed Mar. 25, 1924, Serial No. 701,859, and in Sweden Mar. 28, 1923. 3 Claims. (Cl. 257—25.)

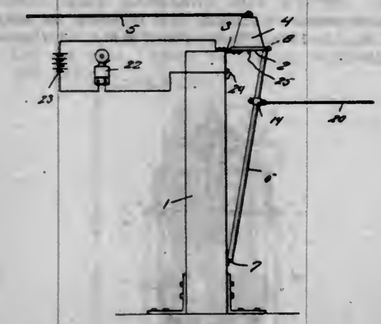


1. A condenser for locomotives or similar vehicles comprising a receptacle and an air-cooled part cooperating with said receptacle, the receptacle being divided into two compartments located the one above the other and serving both as liquid spaces.

1,624,783. POLISHING COMPOSITION. ALFRED BRYANT FISHER, New York, N. Y. Filed Apr. 14, 1924. Serial No. 706,560. 5 Claims. (Cl. 51—280.)

1. A polishing composition, which comprises an intimate mixture of finely divided metal dust, pumice and oil.

1,624,784. SAFE CONTROL AND SIGNAL FOR PUMP-OPERATING MECHANISM. JOHN JAMES FRASER, Camden, Ark., assignor of forty-five per cent to Henry E. Farabee, Camden, Ark. Filed Dec. 6, 1924. Serial No. 754,451. 2 Claims. (Cl. 192—116.5.)

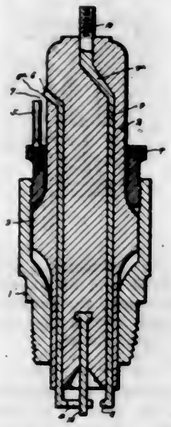


1. A device of the class described comprising a supporting standard, a shelf hinged on the upper end of said standard, a weight carried by said shelf, an engine control cable associated with said weight, an arm hingedly supported at its lower end on said standard, the upper end of said arm engaging said shelf and normally holding the same in an inoperative position, whereby the engine control cable is idle, and means for disengaging the upper end of said arm from said shelf whereby the shelf is automatically swung downwardly by said weight and actuates the cable to cut off the engine.

1,624,785. SPARK PLUG. DAVID G. FUCHS, Pittsburgh, Pa. Filed Oct. 16, 1923. Serial No. 668,925. 1 Claim. (Cl. 123—169.)

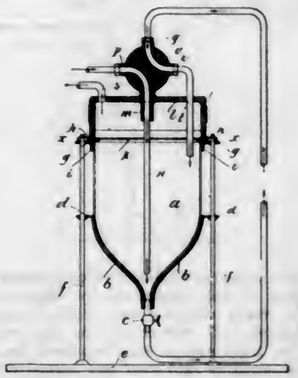
In a spark plug, a body of electrical conducting material, a core of electrical insulating material mounted in the body, a packing member of electrical conducting

material threaded into the body and cooperating therewith to secure the core, a pin of electrical conducting material secured in the core and projecting from the lower end thereof, two electrical conductors carried by the core and insulated thereby from each other and from the pin as well as from the body and the packing member, said conductors being provided with terminal elements



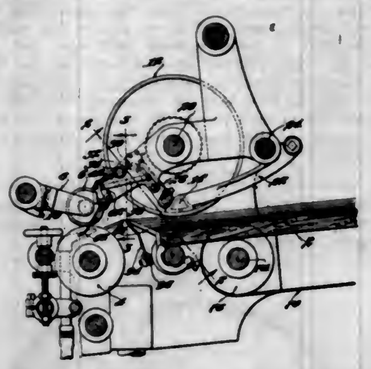
disposed adjacent and at opposite sides of the pin, means for connecting one of the conductors to one side of a source of supply of electrical energy, and a terminal pin of electrical conducting material carried by the packing member, the upper end of the other conductor projecting beyond the core and being spaced from said terminal pin to form therewith a visible spark gap.

1,624,786. DEVICE FOR CLEANING PIPE LINES. BERNHARD GERBER, Stellingen, near Hamburg, Germany. Filed May 1, 1924. Serial No. 710,414. 3 Claims. (Cl. 225—12.)



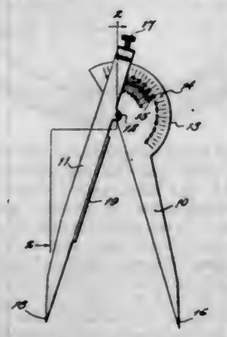
1. An apparatus for cleaning pipe lines, more particularly pipes for conveying beer, by means of a finely granulated cleaning material acted upon by the suction of a waterjet comprising in combination, a vessel, a cover on said vessel, a two-way valve on said cover, a nozzle pipe in the vessel that is connected with the valve, branches on the valve for communicating with a water supply, the interior of the vessel and one of the pipes lines, an outlet pipe in the cover for conveying away the dirty water, a metal cap at the lower end of the vessel and a one way valve thereon for connecting up to the pipe to be cleaned, substantially as described.

1,624,787. PAPER-FEEDING MACHINE. HENNING HALLSTREAM, Brockton, Mass., assignor to Cross Paper Feeder Company, Boston, Mass., a Corporation of Massachusetts. Filed Jan. 16, 1924. Serial No. 686,528. 15 Claims. (Cl. 271—28.)



1. A sheet feeding machine having, in combination, a suction sheet separating device, and mechanism controlled by the sheet for rendering said device active and for rendering said device inactive.

1,624,788. COMBINATION TOOL. ROBERT C. HOFMAISTER, Bartlesville, Okla. Filed Oct. 27, 1924. Serial No. 746,187. 1 Claim. (Cl. 33—148.)

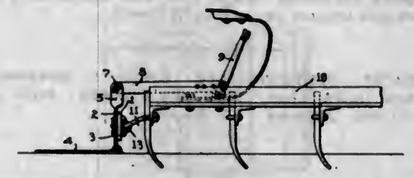


In combination, a substantially U-shaped member terminating to provide pointed extremities, apertured lugs projecting from the corresponding edges of the limbs of said member near one end thereof, a longitudinally disposed plate connecting the said edges of the respective limbs at a point beneath said lugs, a second member having one end pointed, and an enlarged substantially semi-circular graduated portion arranged at the other end thereof and pivoted between said lugs for movement between the limbs above the lugs of the first mentioned member, said members being relatively adjustable toward and away from each other, and a set screw carried by the closed end of the first mentioned member and arranged to engage the curved edge of the semi-circular cylindrical portion of the second mentioned member, to hold said parts fixed relatively in adjusted position.

1,624,789. WEEDER ATTACHMENT FOR HARROWS. CLARENCE JOHNSTON, Townsend, Mont. Filed Oct. 7, 1924. Serial No. 742,250. 1 Claim. (Cl. 97—238.)

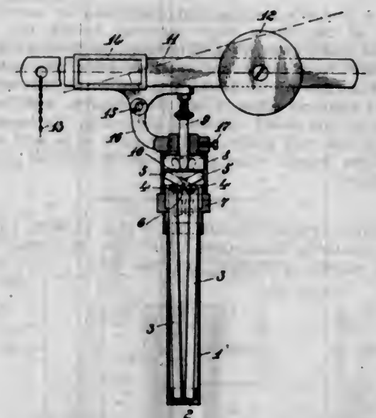
In combination with a harrow, the latter being provided with rearwardly extending hanger hooks terminating in eyes, a weeder comprising a tooth carrying bar having

eyes engaged with the eyes of the hanger hooks, a plurality of teeth mounted on said bar and having extending ground engaging portions, a latch controlled hand lever mounted on the harrow, a pair of brace members



connected with said bar and extending upwardly therefrom, and a link having a pivotal connection at one end with the lever and at the other end being disposed between said brace members and pivotally connected therewith.

1,624,790. THERMOSTAT. BERTHOLD KLAFTEN, Berlin-Grunewald, Germany. Filed Feb. 16, 1924. Serial No. 693,244. 7 Claims. (Cl. 297—12.)



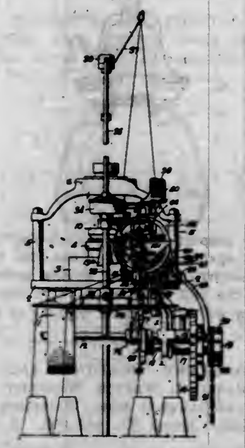
1. A thermostat comprising a protecting tube; a sleeve secured to the top of said tube; a pair of thermostatic elements arranged in said tube; a pair of arms pivoted to each other intermediate their ends and one end of each arm being connected to the end of its respective thermostatic element; a disk slidably mounted in said sleeve and adapted to be operated by the other ends of said arms; and a lifting pin secured to said disk and slidably mounted in said sleeve for transmitting the action of the thermostatic elements by means of said arms.

1,624,791. INSULATED PISTON. MICHAEL E. KRAXBERGER, Buckingham, Colo. Filed Nov. 18, 1924. Serial No. 750,680. 3 Claims. (Cl. 74—108.)



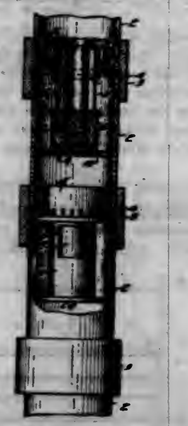
1. An auxiliary partition for pistons comprising two complementary parts, pivotally secured together adapted to be arranged to constitute in one position a complete partition and in another position to overlap to permit insertion into the piston.

1,624,792. STRIPING ATTACHMENT FOR KNITTING MACHINES. WALTER LARKIN, Norristown, Pa., assignor to Fidelity Machine Company, Philadelphia, Pa., a Corporation of Delaware. Filed July 19, 1923. Serial No. 652,541. 25 Claims. (Cl. 66—144.)



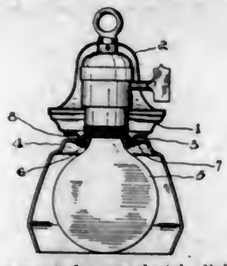
1. The combination of a circular knitting machine; a series of yarn sources; mechanism remotely situated relative to the knitting unit of said machine for successively and unrestrictively selecting different yarns from said sources; and means adjacent said selecting mechanism for knotting the end of each succeeding selected yarn to the yarn being fed to the knitting unit, and severing the running yarn from the newly selected yarn adjacent the said formed knot.

1,624,793. CONTACT APPARATUS. MATTHEW D. MANN, Jr., Roselle, and HORACE M. WEIR, Newark, N. J. Filed July 16, 1924. Serial No. 726,251. 4 Claims. (Cl. 261—114.)



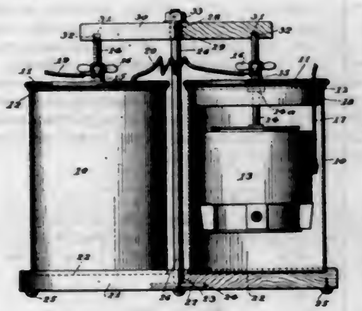
1. In an apparatus of the character described the combination of a tube, plates in the tube and bubble bell assemblies attached to said plates, each such assembly comprising a bubble bell having a series of openings around its periphery and a passage for the downward flow of liquid through its center, a cup into which such passage leads to provide a liquid seal and a passage for the upward flow of a vapor or the like between said liquid passage and the outer wall of the bubble bell.

1,624,794. SHADE HOLDER FOR ELECTRIC-LAMP SOCKETS. WILLIAM A. MARTIN, Toronto, Ontario, Canada. Filed Mar. 22, 1924. Serial No. 701,152. 2 Claims. (Cl. 240—138.)



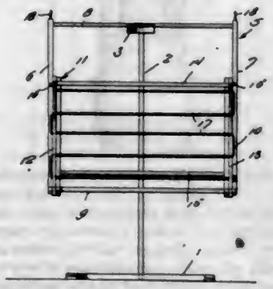
1. A shade support for an electric light socket comprising a coil spring adapted at one end to engage the neck of an electric lamp and a ring connected to the other end of the coil and formed with clips adapted to secure the ring within the upper opening of a lamp shade.

1,624,795. BATTERY HOLDING AND CARRYING MEANS. MARTIN L. MARTUS, Woodbury, and EDMUND H. BECKER and JAMES G. ROSS, Waterbury, Conn. Filed Dec. 19, 1923. Serial No. 681,480. 2 Claims. (Cl. 136—173.)



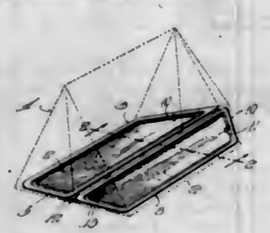
1. In combination with a plurality of battery units, a supporting device therefor comprising a base member adapted to seat the batteries, an upper member extending between the batteries and engaging their upper ends at its ends whereby its center portion forms a handle, and connecting means between said base member and upper member adapted to clampingly engage the same with the batteries.

1,624,796. PORTABLE CLOTHESRACK. CHARLES H. MERCIER, Pittsfield, Mass. Filed Dec. 17, 1924. Serial No. 756,502. 1 Claim. (Cl. 68—34.)



In a support for a readily removable clothes rack, a base, a standard extending upwardly therefrom, a rectangular shaped block supported on the upper end of the standard and adapted for rotation thereon, said block being provided with a longitudinally extending channel in the upper face thereof, the intermediate portion of the top of the clothes rack being adapted to rest in the channel whereby the clothes rack is removably suspended by the block and adapted for rotation therewith.

1,624,797. SLEEPING MAT. SAMUEL C. MOREHOUSE, New Haven, Conn. Filed July 13, 1923. Serial No. 651,260. 2 Claims. (Cl. 5—344.)



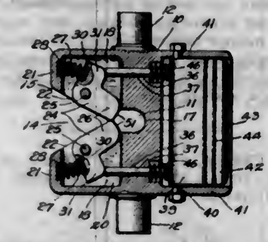
1. A camper's sleeping mat comprising an imperforate body of impervious sheet material having the edges thereof rolled upwardly and inwardly to provide a hollow inflatable form sustaining water shedding rim, with the major portion of the latter disposed within the confines of the marginal edges of said body portion, and the free edges of said rolled rim being secured to the upper surface of the body portion and arranged to be held spaced from the ground when either side of the mat contacts the latter.

1,624,798. PACKING FOR OIL-WELL PUMPS. ALBERT H. NEILSON, Tulsa, Okla. Filed Oct. 30, 1925. Serial No. 65,832. 2 Claims. (Cl. 286—23.)



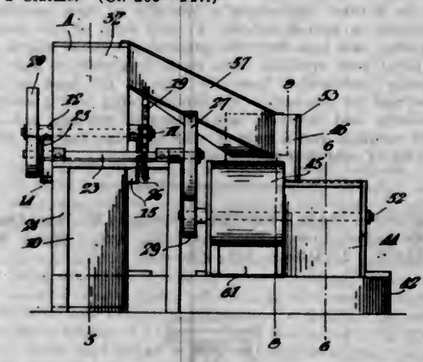
1. In combination with a packing cylinder and a plunger rod, glands at the ends of the cylinder having concave and convex inner ends, respectively, an intermediate gland having its ends concaved and convexed in paired relation to corresponding faces of the end glands, a packing member between the intermediate gland and the end gland having the concaved face, having its ends convexed to receive compression from said glands, and a packing member between the intermediate gland and the end gland having the convexed face, having its ends concaved to receive expansion from said glands, whereby the packing members are adjustable respectively against the rod and the cylinder.

1,624,790. SUCKER-ROD ELEVATOR. ALBERT H. NEILSON, Tulsa, Okla. Filed May 12, 1926. Serial No. 108,551. 10 Claims. (Cl. 294—91.)



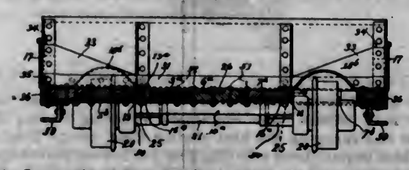
1. In an elevator of the character described, a body having a vertical opening forming a rod seat and a passage leading from said opening forming a receiving throat, a jaw member pivoted on the body at each side of the passage on a vertical axis, means yieldingly urging the jaw members to close the passage, and an actuating member pivoted on the body on a horizontal axis and connected with the jaws for shifting the jaws to open the passage.

1,624,800. DUST AND CHAFF COLLECTOR FOR GRAIN-ELEVATOR HEADS. WILLARD A. PETTEYS, Wilcox, Nebr. Filed July 22, 1924. Serial No. 727,593. 2 Claims. (Cl. 209—147.)



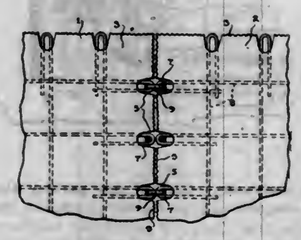
1. A dust and chaff collector for grain elevator heads comprising in combination with an elevator head, a casing adapted to detachably engage with the elevator head, a fan in the casing, a main compartment in the casing and compartments communicating with said main compartment, a detachable head for the casing and compartments formed in said head registering with the compartments in the casing, air chutes connecting the casing head with the elevator head whereby, on the fan being operated a suction air blast is created from the elevator head through said casing.

1,624,801. MINE CAR. WALTER S. PURDY, Huntington, W. Va., assignor to Frederick H. Gibbs, trustee, New York, N. Y. Filed Aug. 27, 1924. Serial No. 734,432. 28 Claims. (Cl. 105—364.)



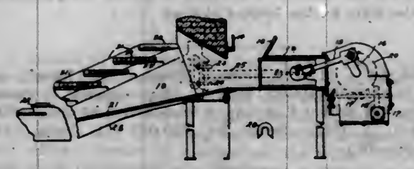
1. In a mine car, a lading receptacle, a floor comprising a plurality of longitudinally extending planks and a plurality of angle members extending between said planks and beyond said receptacle at each end thereof and a metal sheathing enveloping the greater portions of the ends of said planks at each end, all of said parts being rigidly connected together.

1,624,802. CONCRETE REINFORCING BOND AND CONNECTER. FRED REBELL, North Fremantle, Australia. Filed June 30, 1925, Serial No. 40,584, and in Australia Sept. 22, 1924. 3 Claims. (Cl. 72—106.)



1. In a building construction, a plurality of building slabs, certain of which are edgewise united, others of which having their edge portions overlying the united edge portions of the first slabs, the edgewise united slabs having notches or openings, bondings embedded in the slab and having loops located in the notches, means connecting the loops, the slab with its edge overlying said united edges having bondings, means connecting the last bondings with certain of the loops of the first bondings, wood fillers in the corners adjacent the slab which overlies the edgewise united slabs, and means passing through the joint of the several slabs and through the fillers for bonding the structure together.

1,624,803. SIDE-WALL CONSTRUCTION FOR FURNACES. ROBERT SANFORD RILEY, Worcester, Mass., assignor to S. Riley Stoker Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed Aug. 22, 1923. Serial No. 658,799. 4 Claims. (Cl. 110—44.)

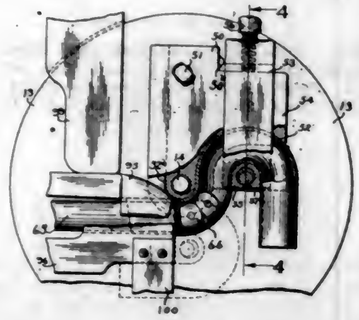


2. In an underfeed furnace, an air admitting side wall structure comprising a top block, a bottom block, a plurality of intermediate blocks, said blocks having portions spaced apart to provide air openings, and ribbed bars mounted in said openings.

1,624,804. TUBE-BENDING MACHINE. THOMAS T. ROBINSON, Bridgeport, Conn., assignor to Bridgeport Brass Company, Bridgeport, Conn. Filed July 3, 1924. Serial No. 723,972. 7 Claims. (Cl. 153—40.)

1. In a tube bending machine, a bending arbor having a tube receiving groove and means to hold a tube in said

groove comprising a block adapted to bear against the tube wall, a clamp to embrace the arbor, tube and block,



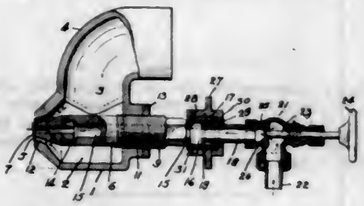
and an eccentrically mounted pin passing through the block and adapted to urge the latter against the tube.

1,624,805. METHOD OF PRODUCING APPAREL ORNAMENTS. ABRAHAM ROSENBERG, Far Rockaway, N. Y. Filed Aug. 28, 1925. Serial No. 53,188. 4 Claims. (Cl. 2—278.)



1. In a method of producing a looped ornament for wearing apparel, disposing a strip of corded braid in looped form directly upon the apparel fabric with the corded edge of said strip lying at the interior of the loop, securing the looped strip to said apparel fabric while leaving the corded edge free, and then pulling the cord to contract the interior of the loop to flatten out puckerings in the strip by the looping thereof.

1,624,806. OIL BURNER. PARMLY H. RYDER and CHARLES W. MOORE, Bucyrus, Ohio, assignor to Smokeless Oil Burner Company, a Corporation of Ohio. Filed Jan. 2, 1923. Serial No. 610,087. 1 Claim. (Cl. 158—76.)



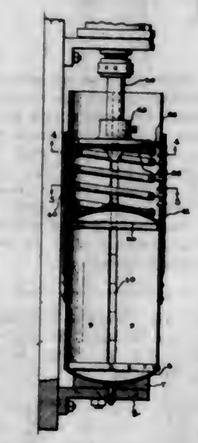
An oil burner comprising a cylindrical casing having an air inlet intermediate its ends, a tapered air outlet at one end and a threaded aperture at the other end, a stem having a tapered end complementary to said outlet and an externally threaded portion disposed in said threaded aperture, a comparatively large diameter oil passage within said stem, a valve associated with said stem to control the flow of oil therethrough, and an adjustable sealed connection between said valve and stem including a tubular member having an external flange at one end slidably fitted in an enlarged bore formed in the adjacent end of said stem, said parts being held in engagement by a stuffing nut.

1,624,807. PNEUMATIC PAD. JOSEPH A. SCHINNER, Greenfield, Ohio. Filed Mar. 13, 1926. Serial No. 94,477. 3 Claims. (Cl. 54—68.)



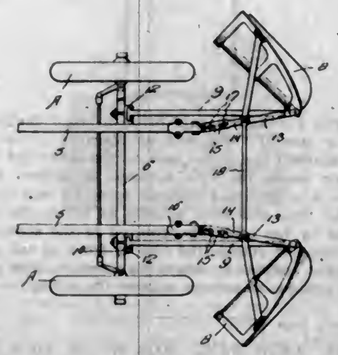
1. In a harness pad for draft animals, including an inflatable pad body and an outer covering therefor provided with openings in an edge thereof, means for attaching the pad and retaining the same in juxtaposition to the harness, comprising a plurality of hook members arranged in spaced relation at said edge of the outer covering, said hook members comprising a single length of material bent medially upon itself to provide a pair of strands intertwisted from the nose of the hook to its base, and the free ends of the strands being bent laterally, reversely and inwardly and extending through one of said openings and a pair of said openings disposed outwardly of said first-mentioned opening.

1,624,808. HAM PRESSER. GEORGE W. SCHOLTEN, Muscatine, Iowa. Filed Aug. 27, 1925. Serial No. 52,877. 2 Claims. (Cl. 100—57.)



1. A ham press comprising a container, a ham contact head within said container, a spring having its lower end engaging the ham contact head, straps fixed to the ham contact head and engaging the lowest convolution of the spring to secure the lower end of the spring to the ham contact head, a plunger contact head engaged with the upper end of the spring, and straps fixed to the plunger contact head and engaging the uppermost convolutions of the spring to secure the upper end of the spring to the plunger contact head.

1,624,809. SNOW-CLEARING APPARATUS FOR AUTOMOBILES. JOHN B. SEWELL, Zanesfield, Ohio. Filed Apr. 14, 1926. Serial No. 101,963. 2 Claims. (Cl. 37—42.)



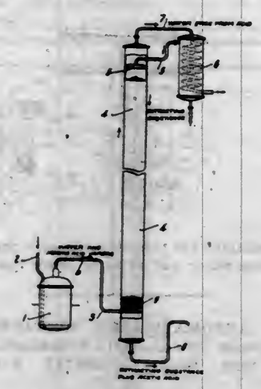
1. In a snow plow construction for motor vehicles, a pair of plate members adapted to be rigidly attached to the front axle of the vehicle, between the sides of the chassis and the front wheels of the vehicle, a pair of arms cooperatively constructed at their rear ends for slidable association with the respective plate members, said arms extending forwardly in a horizontal plane, a pair of snow plows rigidly attached to the forward ends of the arms and extending diagonally in front of the vehicle front wheels, a bracket rigidly associated with the upper inner portion of each plow and extending rearwardly therefrom, a bar secured at its rear end to the forward end of each of the chassis side bars, the forward ends of said bars being secured to the respective brackets, and a brace rod extending between the brackets.

1,624,810. PROCESS FOR THE CONCENTRATION OF DILUTE ACETIC ACID. HERMANN SUIDA, Modling, Austria. Filed June 18, 1924. Serial No. 720,811, and in Austria June 26, 1923. 1 Claim. (Cl. 260—122.)

A process for the concentration of dilute acetic acid which comprises extracting the dilute acid with a solvent which is substantially insoluble in water, the said solvent dissolving the acetic acid and having a considerably higher boiling point than that of pure acetic acid, separating the acetic acid from the solvent charged with it and returning the solvent separated from the acetic acid for re-use in the extraction process.

1,624,811. CONCENTRATION OF DILUTE ACETIC ACID. HERMANN SUIDA, Modling, Austria. Filed June 18, 1924, Serial No. 720,812, and in Austria June 26, 1923. 2 Claims. (Cl. 260—122.)

1. A process for the concentration of dilute acetic acid which comprises extracting the vapors of the dilute acid with a liquid solvent which has a boiling point above 150° C., said solvent having a high capacity for dissolving acetic acid but a low capacity for dissolving water, then



treating the solvent containing the acetic acid to separate the acetic acid and returning the solvent for re-use in the process.

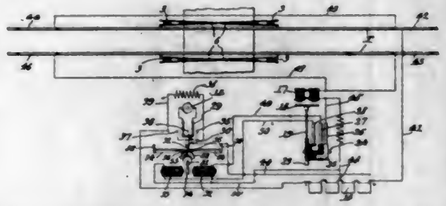
1,624,812. METHOD OF CONCENTRATING DILUTE ACETIC ACID. HERMANN SUIDA, Modling, near Vienna, Austria. Filed Feb. 9, 1926, Serial No. 87,122, and in Austria Feb. 21, 1925. 3 Claims. (Cl. 260—122.)

1. A method of manufacturing concentrated acetic acid from diluted acetic acid by extracting the acid from a superheated mixture of acetic acid and water vapor by acetic acid solvents having higher boiling points than that of acetic acid and being substantially insoluble in water, which consists in condensing the water vapors issuing from the extraction process and containing some volatilized acetic acid extraction agent, allowing the condensate to stand to permit the main portion of the extraction agent to separate out as a separate layer, and then removing the water layer still containing some extraction agent and subjecting it to an extraction with a solvent for the said acetic acid extraction agent.

1,624,813. AUTOMATIC GATE. FRED SWEARINGEN, Pueblo, Colo. Filed Nov. 14, 1925. Serial No. 69,111. 6 Claims. (Cl. 246—129.)

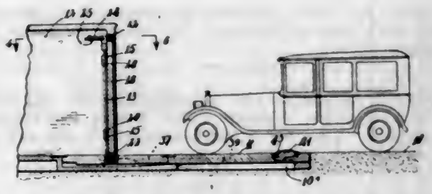
1. The combination with an electric motor, a crossing gate, and means operated by the motor for actuating the gate, of a pole changing switch for controlling the direction of rotation of the motor, a commutator, means con-

trolled by a train at points remote from the crossing for actuating the commutator, and separate circuits controlled



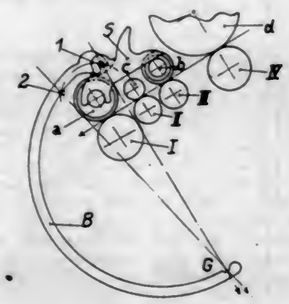
by the commutator for throwing the pole changing switch to operate the motor and raise or lower the gates.

1,624,814. AUTOMATICALLY-OPERATED GARAGE DOOR. DEZSÖ SZALLA, North Tonawanda, N. Y. Filed May 13, 1926. Serial No. 108,787. 5 Claims. (Cl. 268—35.)



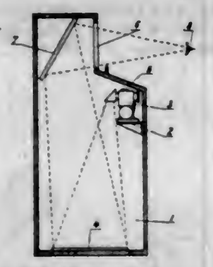
1. In a device of the class described, a door, means for normally urging said door to an opened position comprising a spring attached at one end to said door and at the other end to a stationary member, means for latching said door to a closed position, comprising a segmental crank disc having a catch notch and co-axially fixed to said door, a pivoted finger for engaging said catch notch, means for releasing said latching means upon the approach of a vehicle, and means for closing and relatching said door upon the departure of a vehicle.

1,624,815. FOUR-CYLINDER DRAWHEAD. ERNST TOENNIESSEN, Unterhausen, Germany. Filed Nov. 17, 1925, Serial No. 69,718, and in Germany Dec. 12, 1924. 4 Claims. (Cl. 19—136.)



1. In combination with a four-cylinder draw-head, a weighting device comprising a weighted yoke extending over the front top pressure roller of the draw-head, and a saddle journaled on the front top roller and loosely connected with the yoke whereby the saddle can be swung into open position and with the said front top pressure roller remaining weighted.

1,624,816. DEVICE FOR PROJECTING STATIONARY OR MOVING PICTURES IN BROAD DAYLIGHT. ANDRÉ ELIE LAURENT TRIANA, RODRIGUE JOSEPH ANTOINE TRIANA, and JUAN ORTIZ-ESCOFET, Paris, France. Filed June 30, 1925, Serial No. 40,641, and in France July 30, 1924. 1 Claim. (Cl. 88—24.)



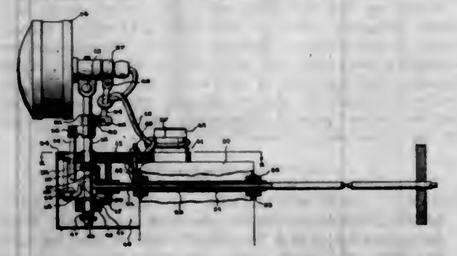
A device for projecting pictures in broad daylight comprising a case provided with an aperture at one end, a screen disposed inside the case at the other end thereof, a bracket inside the case between the screen and the aperture, a projecting apparatus borne by said bracket, a prism for total reflection adapted to reflect the pictures projected by the said apparatus on to the screen and a mirror disposed outside the case in front of the aperture thereof and adapted to reflect the screen in view of showing the pictures to persons outside the casing.

1,624,817. LATH NAIL. HANS WILLIG, Santa Barbara, Calif. Filed July 25, 1925. Serial No. 46,077. 2 Claims. (Cl. 72—118.)



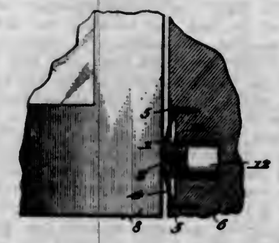
1. The combination with a nail having a head, an elongated body and a flat penetrating tip, a sleeve slidably mounted on the body of the nail, and a series of radially extending spaced ribs formed upon the end of said sleeve adjacent the head and adapted to abut the underside of the same, said ribs having their top edges curved downwardly and inwardly to the center of said body, substantially as and for the purpose set forth, said sleeve being prevented from accidental removal from the nail body by means of the head and flat penetrating tip.

1,624,818. DIRIGIBLE SPOTLIGHT. WILLARD C. WILLIAMS, Indianapolis, Ind., assignor of one-half to John M. Phipps, Indianapolis, Ind. Filed Nov. 27, 1925. Serial No. 71,656. 6 Claims. (Cl. 240—61.)



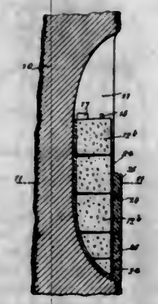
1. A device for the purpose indicated comprising a lamp, a post at the upper end of which the lamp has a horizontally disposed pivotal connection to permit of its angular movement in a vertical plane, a bracket in which the post is mounted for angular movement in a horizontal plane, an actuating shaft having a geared connection with the post for effecting its angular movement in the bracket, a member carried by the post and axially movable of the latter, said member having a link connection with the lamp, and a second actuating shaft having a terminal crank and a link connection with said member.

1,624,819. ADJUSTABLE SASH HOLDER. WILLIAM A. WOLFORD, Ansley, Nebr. Filed Apr. 27, 1926. Serial No. 104,962. 1 Claim. (Cl. 292—76.)



An adjustable spring balance comprising a supporting plate designed to be secured to a window frame, an exteriorly threaded cylindrical casing carried by the supporting plate, the latter having upper and lower slots and provided with an intermediate opening disposed centrally of the casing, a spring strip bridging said opening and adapted to bear against the edge of the sash and having its ends arranged in the slots of the supporting plate, a plunger free to slide through the intermediate opening in the supporting plate and bearing against the spring strip intermediate the ends of the strip to force the same into engagement with the sash, a coiled spring bearing against the inner end of the plunger for urging the plunger outwardly, and a cap having screw threaded fit with the casing whereby to adjust the spring to vary the pressure against the sash.

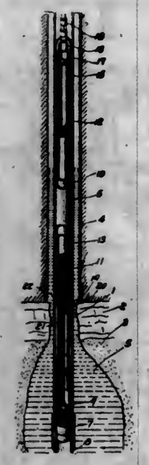
1,624,820. METHOD OF FILLING TREE CAVITIES AND THE FILLING ITSELF. GEORGE VAN YAHRES, Westbury, N. Y. Filed Nov. 5, 1925. Serial No. 67,075. 17 Claims. (Cl. 47—8.)



12. That improvement in the method of filling a cavity in a part of a tree which consists in utilizing blocks of cork, and in expanding inner portions of each block by the use of a wedge driven between the inner portions of each block.

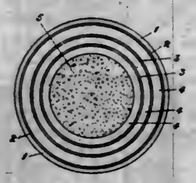
16. In conjunction with a part of a tree having a cavity therein, a filling of cork blocks in the cavity completely filling the same.

1,624,821. OIL-WELL PUMP. SIDNEY C. ASHTON, Kansas City, Mo. Filed Mar. 26, 1926. Serial No. 97,667. 6 Claims. (Cl. 103—181.)



1. A pump of the character described, comprising a standing barrel, a standing valve fixed to the lower end of the standing barrel, a travelling barrel comprising spaced, concentric tubes movable along the inner and outer faces of the standing barrel, a down-check valve on the travelling barrel, and means connected with the travelling barrel and standing valve co-operative to lift the standing barrel and standing valve upon extended elevation of the travelling barrel.

1,624,822. CRICKET, HOCKEY, AND LIKE BALL. GEORGE WILLIAM BELDAM, Ealing, England. Filed Oct. 1, 1925, Serial No. 59,947, and in Great Britain Oct. 30, 1924. 2 Claims. (Cl. 273—58.)

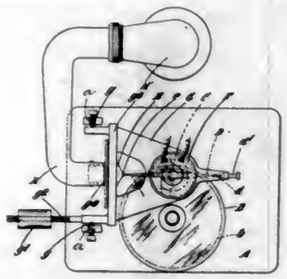


1. A ball comprising an inner spherical mass of cork and rubber and concentric enveloping layers alternately of cork and rubber and worsted, the cork and rubber layers being in semi-spherical hollow form and united at their edges subsequent to their application, the final layer being of a comparatively thin resilient character compressed under heat.

1,624,823. MEANS FOR THE PRODUCTION OR REPRODUCTION OF SOUND OR LIKE VIBRATIONS. SIDNEY GEORGE BROWN, North Acton, England. Filed Sept. 4, 1923, Serial No. 660,748, and in Great Britain Oct. 12, 1922. 6 Claims. (Cl. 274—33.)

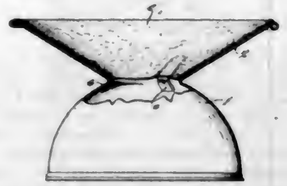
1. In phonic apparatus the combination comprising a movable body having a smooth surface, a rubbing member contactable with said surface, primary vibrating

means, a single instrumentality connecting said primary vibrating means to said rubbing member, and secondary
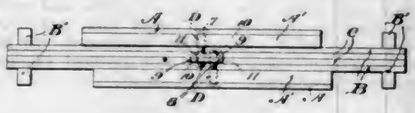


vibrating means connected to said rubbing member for magnifying said primary vibrations, as set forth.

1,624,824. CUSPIDOR COVER. WILLIAM E. BROWN, Sacramento, Calif. Filed Sept. 11, 1925. Serial No. 55,781. 1 Claim. (Cl. 4—285.)



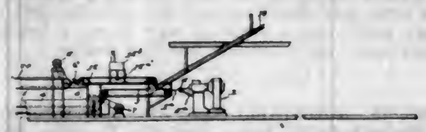
A sanitary cover for cuspidors comprising an arcuate strip of flexible material having its ends spaced from each other, a continuous line of depressions extending entirely about said strip in spaced relation to the marginal edges thereof and defining a border adapted to be torn from the body of the strip along the line of depressions, a coating of sticky substance upon the upper face of said body within the confines of the said line of depressions, a rosinous coating upon the upper face of said border, the ends of said body being overlapped after said border has been removed and secured by the sticky coating to form a concavo-convexed cover adapted to fit snugly in a flared mouth piece of a cuspidor, and fasteners carried by said body and projecting from the same and adapted to be bent into engagement with a portion of the cuspidor to retain the cover in place.

1,624,825. FASTENER FOR CONTAINERS. WILLIAM T. S. BROWN, East Point, Ga. Filed Dec. 2, 1925. Serial No. 72,800. 2 Claims. (Cl. 217—12.)



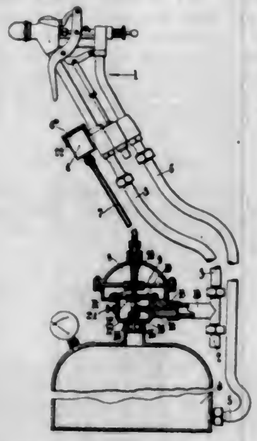
1. A package of container parts having fastener-openings in its outer members, and fasteners comprising threaded shanks disposed inwardly through said openings and nuts arranged in lapping pairs and each nut having a threaded opening and another opening through which one of said shanks is movable freely, each of said shanks extending first through the latter opening of one nut and into engagement with the threaded opening of the other.

1,624,826. SYSTEM OF MAKING TREADS. GEORGE W. BULLEY, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Apr. 22, 1926. Serial No. 103,799. 5 Claims. (Cl. 18—4.)



5. In a system of or apparatus for producing rubber in continuous slab form, an extruding machine, a tank for a cooling liquid, an endless conveyor submerged in the liquid of the tank and receiving the slab from said extruding machine, an endless air cooling conveyor arranged to receive the stock from said first named conveyor, said air drying conveyor having anti-friction stock supporting means to permit free shrinkage of the stock thereon, means for driving said conveyors in unison with the extruding machine, means for conveying the slab from said air drying conveyor to a remote point including a weighing conveyor, a motor for said conveying means, and means controlled by the amount of slack at the delivery end of the air drying conveyor whereby the stock on the air drying conveyor is kept free from tension, said means comprising a pair of spaced and independently bodily movable rolls between which the slab passes and from both of which it is normally free from contact.

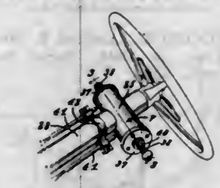
1,624,827. LIQUID-FORCING APPARATUS. CHARLES LAURENCE BURDICK, London, and JOHN DOMINICK WHITEMAN, Wallington, England. Filed Mar. 5, 1926. Serial No. 92,624, and in Great Britain Aug. 19, 1925. 11 Claims. (Cl. 91—45.)



1. Apparatus of the kind set forth comprising the combination of a closed container for liquid, a delivery pipe connected to the container and adapted to be raised to different heights relatively to the container, means to vary the pressure within the container, a column of liquid, means to vary the effective head of said column with the height of said delivery pipe, and means controlled by the pressure of said column to operate the said means for varying the pressure within the container.

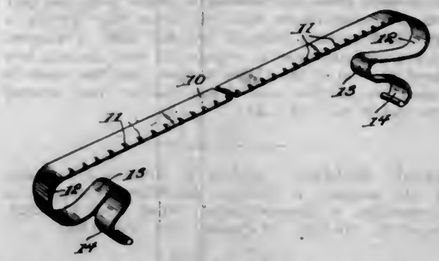
1,624,828. AUTOMOBILE DIRECTION SIGNAL SWITCH. SANTI CAMINITA, St. Louis, Mo. Filed Dec. 15, 1925. Serial No. 75,569. 1 Claim. (Cl. 200—59.)

An electric switch of the character described, comprising an elongated substantially circular body made from insulating material, provided with end and intermediate bores, the intermediate bore opening only through one side of said body and adapted to accommodate a steering column of a motor vehicle, a retaining plate secured to the body across the intermediate bore to hold the body engaged upon the steering column, a pair of switch terminals mounted in each end bore and having



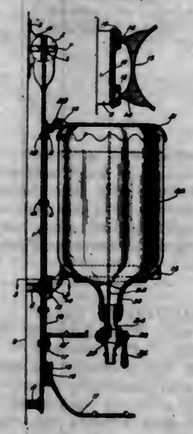
diverging ends, and connected with a normally open electric circuit, caps removably fitted on the ends of the body to close the end bores, a push-pull switch arm slidably mounted centrally in each cap and engageable with the diverging ends of the switch terminals, and means for latching the switch arm when moved inwardly or outwardly relative to the cap.

1,624,829. ATTACHMENT FOR STEAM BOARDS. RICHARD W. DAWN, Deer Lodge, Mont., assignor to W. E. Castleton, Deer Lodge, Mont. Filed Mar. 19, 1926. Serial No. 96,018. 4 Claims. (Cl. 68—11.)



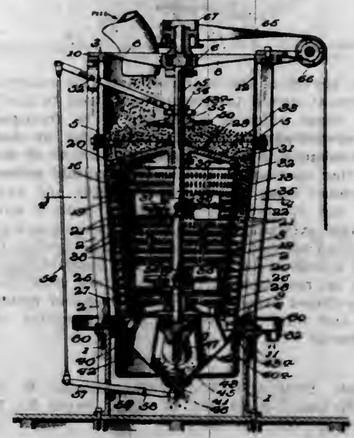
1. A device of the class described, comprising a strip, downwardly extending clamping members carried by the ends of the strip and turned toward each other, and fabric engaging devices carried by the upper surface of the strip.

1,624,830. CONTAINER. REUBEN FRANCIS EMSLEY, Rocky River, Ohio. Filed Sept. 11, 1925. Serial No. 55,802. 1 Claim. (Cl. 248—20.)



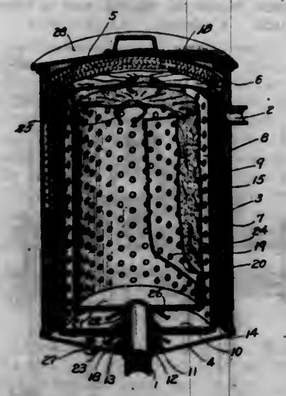
A device of the character described, comprising a pair of supports, a hanger, a circular head on the hanger, a bolt projected through the supports and the head, said head and supports having radially disposed grooves and flanges whereby the head is held against accidental turning movement, a container supporting ring on the hanger, a container engaging cap detachably mounted on the hanger.

1,624,831. GRAIN WASHING AND DRYING MACHINE. DAVID GEDDES, Guadalajara, Jalisco, Mexico. Filed Nov. 24, 1925. Serial No. 71,229. 10 Claims. (Cl. 83—27.)



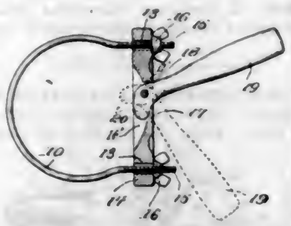
1. In a machine of the character described, an outer stationary foraminous drum, an inner rotating drum having perforations and having rigid annular vanes fixed thereto and overlying the perforations and projecting into a grain treating space defined by said drums, means for rotating the inner drum, and means for causing a current of air to pass into the inner drum and laterally of the drums and across the grain treating space.

1,624,832. GASOLINE FILTER. WILLIAM C. GLOVER, Kansas City, Mo. Filed Apr. 12, 1926. Serial No. 101,240. 4 Claims. (Cl. 210—183.)



1. In a filter of the character described, a cylindrical housing having an intake pipe extending through its lower end to the interior of the housing, concentrically thereof, a screen located within the housing and spaced from the wall thereof, and a drum open at its upper end and having a neck at its lower end slidable on the intake pipe, the drum having a perforated side wall and a fabric cover for the drum.

1,624,833. JAR OPENER. GEORGE E. GRANT, Derry, N. H. Filed Oct. 7, 1925. Serial No. 61,070. 1 Claim. (Cl. 81—3.1.)



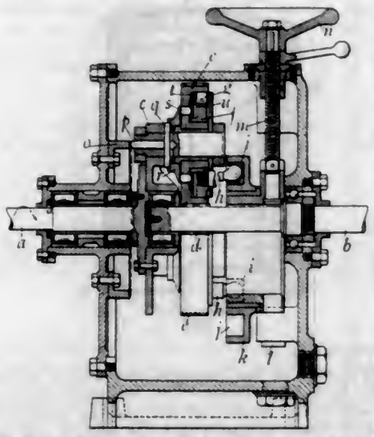
A jar opener of the character described comprising a wire element curved to accommodate itself to the top of the jar about which it is adapted to be arranged, and having spaced parallel threaded extremities, an elongated member adapted to be arranged at one side of said top and having openings to slidably receive said extremities, said member being recessed on one side and having a central slot opening into said recess, a lever having a cam-shaped extremity pivoted within the slot and tapered to be forced between the jar and the top therefor for the purpose specified, one end of the slot constituting a stop to limit the movement of the lever in one direction when the cam-shaped extremity is wholly disposed within said recess, and nuts threaded on the extremities of said wire element.

1,624,834. PEN AND BLOTTER. EDWARD W. GUZIK, Lorain, Ohio. Filed Dec. 19, 1925. Serial No. 76,515. 3 Claims. (Cl. 120—24.)



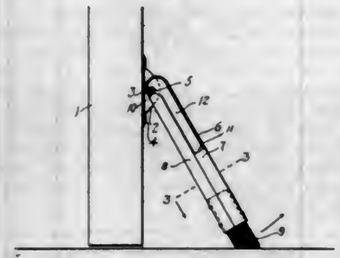
1. A pen having a chamber in one end thereof, longitudinally extending ribs on the interior walls of the chamber and a blotter having a portion in the chamber and a portion projecting from the chamber, the ribs acting to frictionally hold the blotter in the chamber.

1,624,835. VARIABLE-SPEED MECHANISM. ERNEST CHARLES HATCHER, Finchley, London, England. Filed Mar. 19, 1926, Serial No. 96,023, and in Great Britain Mar. 16, 1925. 4 Claims. (Cl. 74—53.)



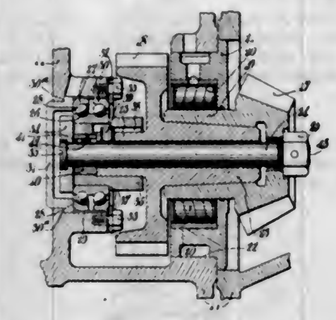
1. In a variable speed mechanism, drive and driven members, a carrier on one of said members, a unidirectional clutch including driving and driven parts carried by the carrier and intermediate elements connecting the driving and driven parts, a driving connection between the driven part and the other member, means for oscillating the driving part, and means for retaining said elements in inactive position during certain periods.

1,624,836. DOORCHECK. ARTHUR F. HICKIE, Lansing, Mich. Filed Apr. 20, 1926. Serial No. 103,290. 3 Claims. (Cl. 292—338.)



3. An invertible door check, comprising a single piece of sheet metal formed with pairs of flanges extending towards each other and forming a hollow body, one pair of flanges being longer than the other pair leaving a longitudinal opening through the said body, a support having a pin arranged to engage the said opening and to meet the top of the longer flanges when the check is in operative position, and a floor contact foot secured in the end of the said body.

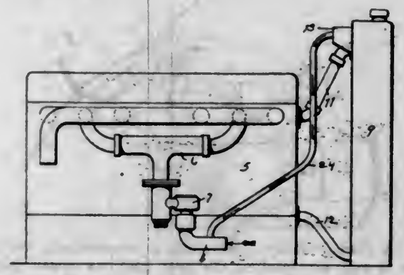
1,624,837. BEARING. MORRIS P. HOLMES, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed June 17, 1921. Serial No. 478,423. 22 Claims. (Cl. 308—135.)



8. The combination with a rotary power transmission member and an element on which said member is rotatably mounted, of a longitudinally fixed abutment, and a bushing in engagement with said abutment and engaging said rotary member, said bushing being connected with said element for rotation therewith and being longitudinally movable thereon.

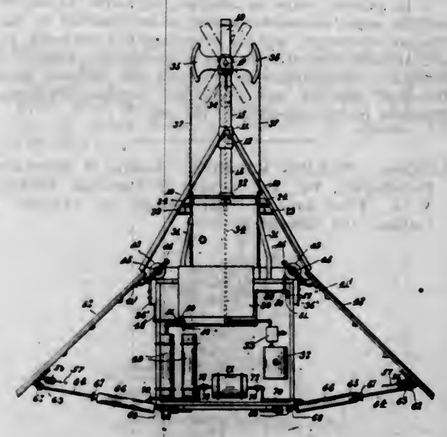
1,624,838. HUMIDIFIER. ZENON A. LIPINSKI, San Francisco, Calif. Filed Jan. 18, 1926. Serial No. 82,130. 1 Claim. (Cl. 123—25.)

In a device of the character described, the combination with an internal combustion engine, having a radiator attached thereto, a casing secured to said radiator, a pair of ports formed between said radiator and said casing, one of said ports being above the other, a baffle positioned within said casing and extending from a point adjacent the upper extremity of the upper of said ports to a point adjacent the bottom of said casing, and a V-shaped baffle positioned within said casing so as to form



passageways between said first mentioned baffle and the bottom of said casing, and a pipe extending from said casing and communicating with the carburetor of said engine.

1,624,839. SNOWPLOW. SAMUEL W. LOMBARD, Waterville, Me., assignor to Lombard Traction Engine Co., Waterville, Me., a Corporation of Maine. Filed Mar. 18, 1926. Serial No. 95,798. 22 Claims. (Cl. 37—44.)

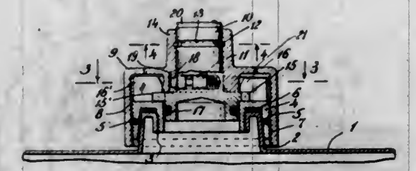


6. A snow plow having a transom substantially midway of its length; a tractor the forward end of which is connected to said transom by a vertical pivot; and means on said tractor for supporting and raising the rear ends of the shares of said plow.

19. A snow plow provided with steering mechanism in advance of the prow thereof and having a transom between the plow shares; a tractor in the rear of the transom and pivotally connected thereto; and means on the tractor for controlling the steering mechanism.

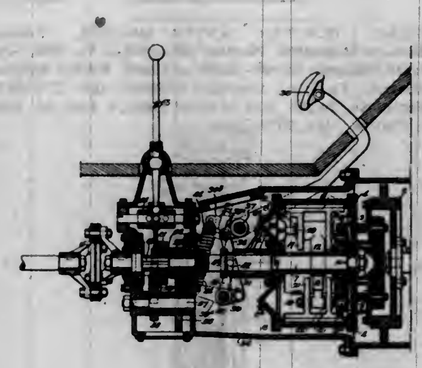
1,624,840. LOCKABLE COVER FOR AUTOMOBILE FUEL TANKS. ASSAD M. MALLUK, New York, N. Y., assignor to Yankee Lock Corporation, New York, N. Y., a Corporation of New York. Filed Dec. 31, 1924. Serial No. 759,000. 8 Claims. (Cl. 220—39.)

2. In a closure for the fuel tanks of automobiles, the combination with a tank having a filling neck, of a cap for the filling neck, locking mechanism including a bolt rotatably mounted in said cap, means including said bolt for locking said mechanism against rotation with



respect to said cap, and an adapting ring fixed to the neck and having an abutment thereon for engagement with said locking mechanism.

1,624,841. HYDRAULIC CLUTCH. ALBERT H. MANWARING, Noble, Pa. Filed Aug. 3, 1925. Serial No. 47,881. 11 Claims. (Cl. 192—60.)

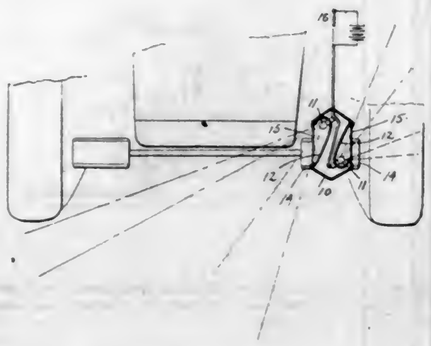


1. In a hydraulic clutch, the combination of driving and driven members rotatable about a common axis, a plunger mechanism comprising a cylinder having a bore of definite diameter and a piston therein, said plunger mechanism having an eccentric longitudinal pivotal connection at one end with one of the members, an eccentric connected with the other members, an eccentric ring surrounding the eccentric, a longitudinal pivot pin directly carried by the eccentric ring and engaging the other end of the plunger mechanism, a port in said cylinder having an area substantially equal to that of the cylinder bore and a valve capable of fully opening or closing said port controlling the flow of liquid into and out of the cylinder of the plunger mechanism.

1,624,842. LAMP FOR AUTOMOBILES. WILLIAM CARL MATTHEWS, Palatka, Fla. Filed Sept. 19, 1925. Serial No. 57,309. 2 Claims. (Cl. 240—8.2.)

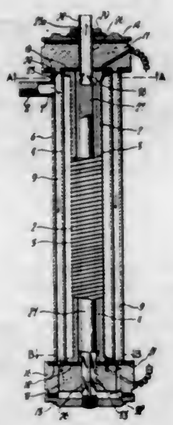
2. An automobile lamp comprising two light-emitting members mounted at the front of the automobile one in advance of the other and reflecting surfaces situated between the two lamps, one extending obliquely forward from the rear lamp and terminating in advance and to one side thereof, and having a portion extending in rear of the lamp, and the other reflecting surface extending

obliquely rearward from the front lamp and terminating in rear thereof, and at the front extending around the



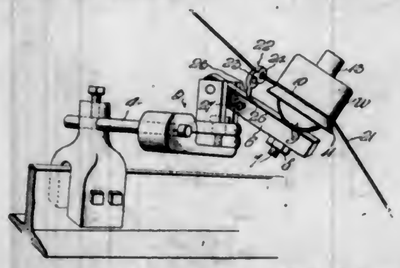
front lamp, and all of such reflecting surfaces being masked to a person directly in front of the automobile.

1,624,843. ELECTRIC WATER HEATER. THOMAS HORACE MCQUINN, Preston, Melbourne, Victoria, Australia, assignor of two-thirds to Harry Morton Sargood, Toorak, Victoria, Australia. Filed Apr. 27, 1925, Serial No. 26,235, and in Great Britain June 10, 1924. 6 Claims. (Cl. 219—39.)



2. An electric water heater comprising a tubular heating element adapted for the passage of liquid therethrough, an electric resistance on the exterior of said element, cylindrical casings arranged around and spaced from said heating element to form an annular water circulating passage which surrounds and is isolated from said electric resistance, end fittings adapted to close the ends of said cylindrical casings and establish communication between adjacent ends of said annular passage and the internal passage through the tubular heating element, a rod extending longitudinally of the heating element, and means associated with said rod to retain the heating element and said casings in proper spaced relationship and in leak proof engagement with said end fittings for the purpose set forth.

1,624,844. SILK AND YARN THREAD TENSIONING AND WAXING DEVICE. WLADYSLAW NOGA, Detroit, Mich. Filed Apr. 8, 1926. Serial No. 100,762. 5 Claims. (Cl. 91—36.)

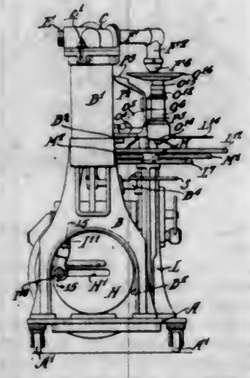


1. A thread waxer comprising, a substantially vertical post, a cup surrounding the post near its lower end, a sleeve rotatable about the upper portion of the post and adapted for passage through an opening in a wax cake, a thread supporting cap closing the upper end of the cup, a bearing bushing arranged centrally of the cap and surrounding the medial portion of the post, and an antifriction bearing between the adjacent outer ends of the post and sleeve.

1,624,845. GALVANIC CELL. HERMAN DOUGLAS NYBERG, Norrkoping, Sweden. Filed May 24, 1922, Serial No. 563,375, and in Sweden Mar. 28, 1922. 6 Claims. (Cl. 136—102.)

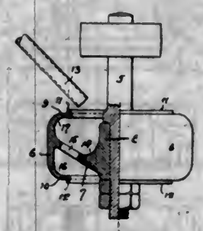
1. In galvanic cells, an alkaline electrolyte, an electropositive metal electrode adapted to be dissolved by said alkaline electrolyte, and an electronegative electrode, the said alkaline electrolyte having a composition adapted to precipitate substantially as hydroxid the electrode metal dissolved, whereby the electrolyte remains practically unaltered in the operation of the cell.

1,624,846. FILLING MACHINE. DUGALD S. PATERSON, Philadelphia, Pa., and GUSTAV B. PETSCHE, Yonkers, N. Y. Filed June 6, 1924. Serial No. 718,197. 6 Claims. (Cl. 226—96.)



1. A filling machine having a measuring cylinder and a piston moving in said cylinder, in combination with inlet and outlet ports connecting with the cylinder at the top thereof, a downwardly extending delivery nozzle connected to the outlet port having a hydraulic seal at its lower end to prevent the entrance of air and maintain the nozzle full of liquid, adjustable means for actuating the piston whereby its stroke can be varied at will and positively actuated means for opening and closing the ports operating in timed relation to the movements of the piston.

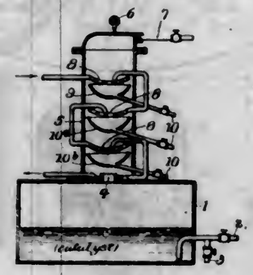
1,624,847. METHOD AND APPARATUS FOR ATOMIZATION OF FLUIDS. CHAMPLAIN L. RILEY, North Plainfield, N. J., assignor to Industrial Associates, Incorporated, New York, N. Y., a Corporation of New York. Filed Feb. 3, 1925. Serial No. 6,642. 8 Claims. (Cl. 299—63.)



3. The method of atomizing liquid which comprises discharging a stream of liquid, converting said discharged stream of liquid by centrifugal force into a whirling annulus of substantial radial depth and high velocity, from a margin of which annulus liquids is centrifugally dispersed to form a nebula.

6. In a centrifugal atomizer, a rotor comprising an annulus with inturned upper and lower flanges forming an interior channel therebetween, a hub, and means connecting the hub and annulus while affording passage for fluid to both flanges for centrifugal dispersion therefrom.

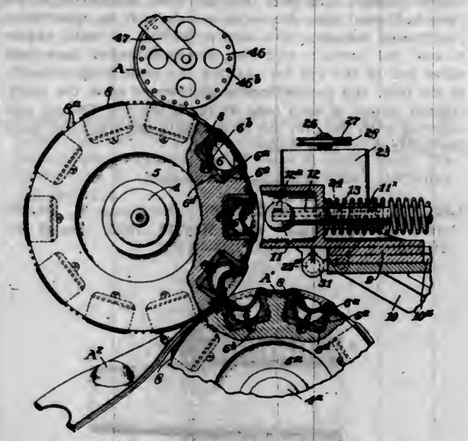
1,624,848. TREATMENT OF OILS. WALTER O. SNELLING, Allentown, Pa., assignor to Gasoline Products Company, Inc., New York, N. Y., a Corporation of New York. Filed May 5, 1915, Serial No. 26,110. Renewed Oct. 17, 1922. Serial No. 595,167. 16 Claims. (Cl. 196—47.)



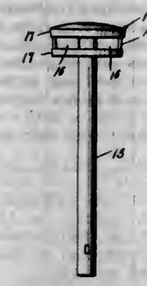
1. The process of converting petroleum oils which comprises establishing and maintaining a body of petroleum oil and vapors therefrom under such heat and pressure as will produce equilibrium in such body and during the maintenance of such equilibrium slowly withdrawing the liquid products of equilibrium and slowly adding fresh oil.

1,624,849. METHOD OF AND APPARATUS FOR MAKING HOLLOW ARTICLES. CHARLES W. STEELE and RICHARD T. GRIFFITHS, Akron, Ohio, assignors to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed June 19, 1922. Serial No. 569,494. 79 Claims. (Cl. 18—56.)

1. The method of making hollow articles, which consists in mechanically shaping the stock in mold cavities of rotatable molds to form article sections, retaining the formed sections in the cavities by suction and seaming the edges of article sections by co-operation between the molds.



1,624,850. VALVE. EDWARD J. STEELE, Des Moines, Iowa. Filed Dec. 8, 1921. Serial No. 520,919. 1 Claim. (Cl. 123—188.)



A valve having a rigid head disposed at one end thereof, a skirt depending rigidly from said end, scraper rings in longitudinally spaced relation projecting laterally from said skirt having their marginal walls beveled and adapted to directly engage the valve seat so that their facing edges will scrape the valve seat, and the portion of the skirt between said rings being imperforate and having its outer surface disposed inwardly of and disalined with respect to the outer surfaces of the rings.

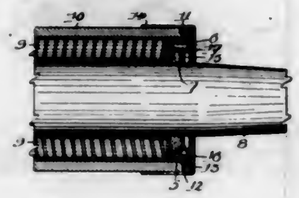
1,624,851. RAZOR-STROP STRETCHER. THEODORE THOMPSON, Ely, Minn., assignor of one-half to Allan V. Brown, Ely, Minn. Filed May 11, 1925. Serial No. 29,500. 1 Claim. (Cl. 51—203.)



In a structure of the character set forth an elongated base having a bore formed in one end upon the longitudinal center thereof and further having a slot of less length than said bore opening from the bore upwardly

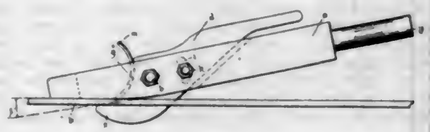
through the top of the base, a plate member overlying the bored end of the base, an adjusting rod slidably extended through said plate into said bore and having screw threads formed upon the outer end thereof, an upstanding pin formed integral with and projecting at right angles to said rod through said slot, means threaded upon said outer end of the rod for shifting the same longitudinally of the face, and an upstanding pin formed upon the longitudinal center of said base at the other end thereof and coacting with the first pin to maintain the strop flat upon the surface of said base.

1,624,852. GREASE RETAINER. NICHOLAS W. TRAUTNER, St. Paul, Minn. Filed May 11, 1925. Serial No. 29,575. 2 Claims. (Cl. 286—5.)



1. A retainer for lubricant comprising an annular receptacle adapted to encircle a shaft and formed from inner and outer cup-shaped members telescoping one within the other, a packing ring formed to fit about said shaft in said receptacle, resilient means arranged within said receptacle to press said ring upon the periphery of said shaft and against the inner surface of one of said cup-shaped members, and means adapted to engage one of said cup-shaped members to hold said resilient means in compressed engagement with said packing ring.

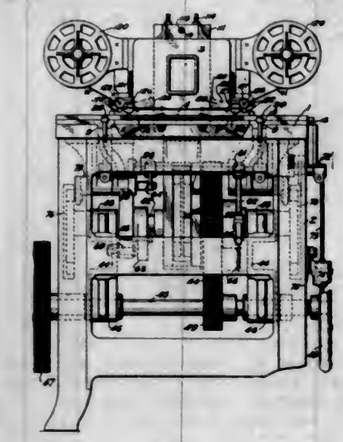
1,624,853. SHEET-METAL CUTTER. PAUL WINTER, Zurich, Switzerland, assignor to Aluminium Welding Works, Ltd., Schlieren, Switzerland. Filed Mar. 6, 1925. Serial No. 13,538, and in Switzerland Oct. 23, 1924. 7 Claims. (Cl. 30—13.)



1. The combination with a holder having a slit for the passage of a chip; of a stationary blade in said slit and projecting from the holder at an angle thereto, whereby the sheet is cut by being placed in said angle between the blade and holder and both co-operating to cut the sheet upon impact on the end of the holder.

1,624,854. MACHINE FOR STAPLING HANDLES ON BAGS. TRUE M. AVERY, Glens Falls, N. Y., assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y., a Corporation of New Jersey. Filed Jan. 16, 1923. Serial No. 613,035. 22 Claims. (Cl. 1—2.)

1. In a machine of the class described, the combination of fastening applying means, and a reciprocatory holder projecting forwardly from the fastening applying means and shaped to receive the mouth of a bag and operative



to carry the bag mouth thereon in a direction longitudinally of the bag and to and from cooperative relation with the fastening applying means.

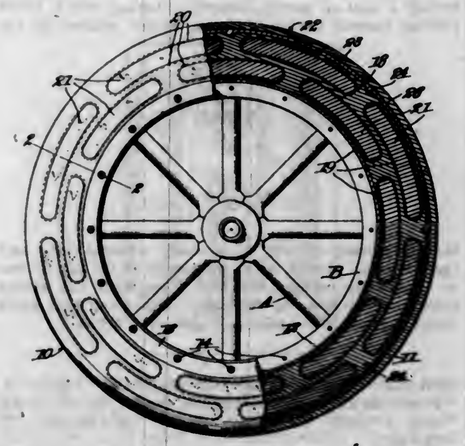
1,624,855. TOY. HUBERT C. BARKER, Houston, Tex. Filed Apr. 25, 1925. Serial No. 25,875. 4 Claims. (Cl. 46—40.)



1. A cylindrical casing having a conical top provided with light inlet openings, and having its side provided with a sight opening, a flanged platform revolubly mounted in the casing, manikins secured to said platform in a plurality of series, the outer series of which represents animals whose names are inscribed on the flange of the platform, a stand secured centrally on the platform, manikins mounted thereon and hand operated means for revolving the platform.

1,624,856. RESILIENT TIRE. ARTHUR E. BAUMAN, Akron, Ohio. Filed Sept. 5, 1922, Serial No. 586,201. Renewed Dec. 12, 1925. 10 Claims. (Cl. 152—8.)

3. A resilient tire having recesses therein, spring means in said recesses, and resilient means on the body overlapping said spring means to prevent lateral displacement thereof and thereby secure the same in place, the resili-

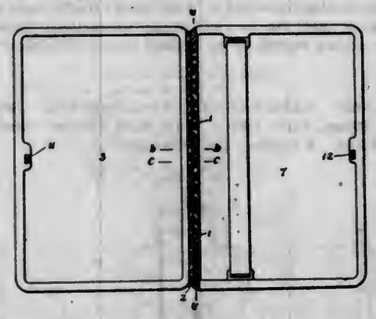


ency of the second mentioned means enabling the same to be displaced for insertion or removal of the spring means.

1,624,857. ALLOY. CLEMENT S. BRAININ, Glen Ridge, N. J., assignor to Baker & Company, Inc., a Corporation of New Jersey. Filed Oct. 17, 1922. Serial No. 595,176. 3 Claims. (Cl. 75—1.)

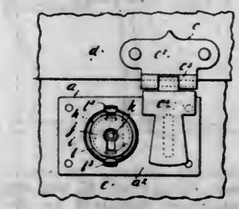
2. An alloy of high electrical resistance composed of not less than 75% platinum and the rest copper.

1,624,858. BOX, CIGARETTE, AND LIKE CASE. FREDERICK THOMAS BUCKTHORPE and ANDREW BARTER, London, England. Filed Apr. 11, 1925, Serial No. 22,472, and in Great Britain Sept. 18, 1924. 2 Claims. (Cl. 206—41.)



1. A box or the like comprising a pair of members constituting, respectively, a receptacle and a lid for said receptacle, a strip hingedly connected to an edge of one of said members, one of the faces of said strip being provided with a plurality of depressions and projections alternately arranged in longitudinal alinement, the other of said members having adjacent one of its edges a plurality of depressions of greater length than the projections of said strip into which said projections extend, said latter member also having a plurality of projections longitudinally alined with said last-named depressions and of less length than the depressions of said strip and projecting into the latter, and a pin extending longitudinally through the projections of said strip and of said last-named member, one of said members having a keeper and the other member having a catch adapted to engage with and disengage from said keeper when said members are moved relatively to one another in opposite directions lengthwise of said strip.

1,624,859. FASTENING FOR ATTACHÉ CASES, BOXES, BAGS, AND SUCH LIKE. CHARLES WILLIAM CHENEY, Birmingham, England. Filed June 8, 1925, Serial No. 35,666, and in Great Britain July 18, 1924. 5 Claims. (Cl. 70—115.)



1. A fastening device comprising a casing having a front plate provided with a catch receiving slot, a bolt slidable in said casing and having a catch engaging nose, said front plate also having an opening adjacent said catch receiving slot, a knob slidable on the outer face of said front plate and having a part extending through said opening and fixedly secured to said bolt, and means mounted on said front plate in advance of said opening and rotatable relatively to said knob, said means adapted, when partly rotated in one direction, to engage a wall of said opening and prevent movement of said knob.

1,624,860. FENDER BRACE. HARRY J. COCKS, Des Moines, Iowa. Filed Feb. 11, 1925. Serial No. 8,412. 1 Claim. (Cl. 280—152.)



In combination with the fender aprons of an automobile having headlights provided with bases supported thereon by bolt connections extending from said bases and through said aprons, a fender brace for said fenders comprising pan shaped elements adapted to fit between the headlights and the fender aprons and have the bolts of said bolt connections extending therethrough, the upturned edges of said pan shaped members fitting around the bases of said headlights and a bar connecting said elements together.

1,624,861. ANTIKICKING DEVICE. JOHN DEWEY, Perry, N. Y. Filed June 8, 1925, Serial No. 35,753. Renewed Mar. 4, 1927. 1 Claim. (Cl. 119—127.)

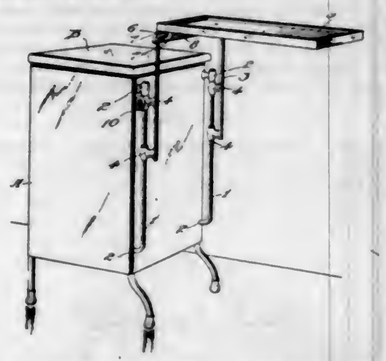
An anti-kicking boot comprising a member of tough but pliable material which is substantially U-shaped in cross section, and shaped to be arranged around and to conform to the shape of the rear portion of an animal's rear leg from points to the opposite sides of the point

of the hock of the animal's leg, said boot having its sides inwardly swelled to provide protrusions designed to be received in the depressions in the animal's leg above the hock whereby, such depressions in connection with the



shape of the boot will permit of the said boot being clasped and temporarily sustained on the leg of the animal, and means comprising straps for fastening the boot on the leg of the animal.

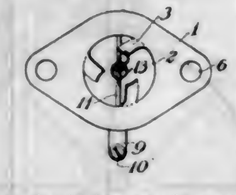
1,624,862. TABLE. JOHN T. ELLIOT, Irvington, N. J., assignor to M. Weiss Corporation, a Corporation of New Jersey. Filed Apr. 18, 1925. Serial No. 24,082. 4 Claims. (Cl. 45—47.)



1. The combination of a support, a horizontal supporting bar, means for vertically adjustably mounting said supporting bar on said support, and a tray pivotally mounted on said bar so that said tray may be swung into a horizontal position with said support serving as a pedestal and into an out-of-the-way position substantially parallel to the side of said support, said bar permitting adjustment of the height of said tray and being formed with an extension position parallel thereto, said tray being provided with hooked arms to underlie said extension portion to hold the tray in horizontal position.

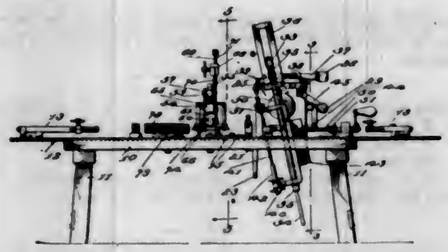
1,624,863. CARBURETOR-MANIFOLD HEATER. CARL O. ERICKSON, St. Paul, Minn. Filed May 18, 1925. Serial No. 30,988. 1 Claim. (Cl. 219—38.)

In combination with the intake manifold of an internal combustion motor, a plate of electrically conductive material having a central opening of a size to conform with the opening of the intake manifold, helical fins carried by said plate and extending into the opening in said plate, a second plate of conductive material mounted adjacent the first plate and insulated from said plate and from the intake manifold, a strip of electrically conductive material connected to the second of said plates and mounted transversely of the central opening and having a bent-up portion centrally thereof, and a coiled heating element having one end thereof gripped by the



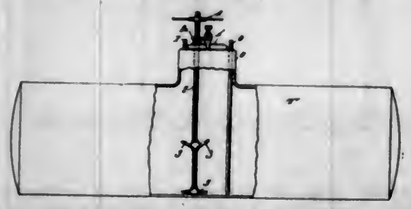
bent-up portion of said transversely mounted strip and the other end thereof connected to one of the helical fins to electrically connect the first plate with the second plate to simultaneously swirlingly agitate and heat gases drawn through the intake pipe past said device.

1,624,864. SAW-SHARPENING MACHINE. OTHO H. FLETCHER and JAMES A. TENNEY, Queens, W. Va. Filed Aug. 3, 1922. Serial No. 579,418. 36 Claims. (Cl. 76—35.)



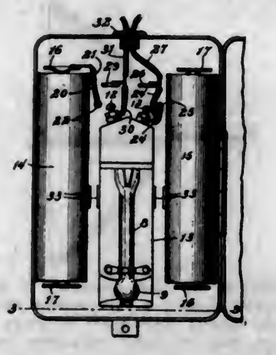
1. A saw sharpening machine comprising a guide frame, a longitudinally reciprocable rock shaft mounted in said frame, means movably mounted in and guided by said frame for reciprocating said rock shaft, a file carrier frame rigidly secured to said rock shaft, and means engaging said file carrier frame to oscillate said rock shaft during reciprocation thereof in one direction.

1,624,865. TANK-CAR-CLEANING DEVICE. FRANCIS E. FREEL, Niles, Ohio. Filed May 2, 1922. Serial No. 558,015. 1 Claim. (Cl. 210—209.)



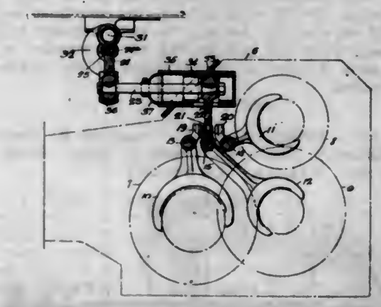
In a device of the character described, a removable closure adapted to be fitted into the opening of a tank, a water supply pipe extending through the removable closure, means for providing a fluid-tight connection between the pipe and closure, horizontal discharge nozzles at the lower end of the pipe, said pipe adapted to extend to a point adjacent to the bottom of the tank, and upwardly inclined nozzles communicating with the pipe and arranged at a point in spaced relation with the lower end of the pipe, and means for rotating the pipe to direct jets of water to every point of the interior of the tank.

1,624,866. PORTABLE FIRE ALARM. ABILIO M. DE SILVA GREAVES, Cambridge, Mass. Filed Jan. 17, 1922. Serial No. 529,866. 3 Claims. (Cl. 177—311.)



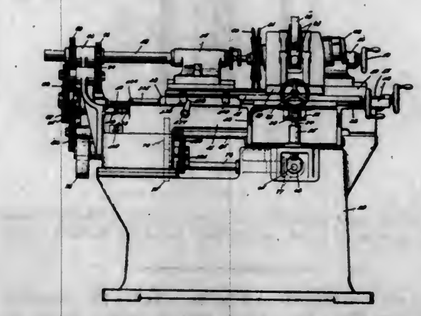
3. A portable fire alarm comprising a casing, a backing sheet within said casing, dry cells disposed on opposite sides of the center of the casing at the front of said backing sheet, an upper and a lower spring clip for each dry cell engaging the poles thereof, side clips for holding said cells pressed against the sides of the casing, a thermostatic circuit closer supported upon the backing sheet between the dry cells, said thermostatic circuit closing device having contact points, an electrical connection between two of the pole engaging clips of the cells, a pair of junction plates supported by the backing sheet, electrical connections between the same and the circuit closing contacts, a conducting connection between one of said junction plates and one of the other pair of spring clips, a bell supported by the casing, a conducting connection between one pole of the bell and the remaining spring clip, a conducting connection between the other pole of the bell and the other junction plate, certain of said conductors being disposed upon the rear of the backing sheet, and an insulating covering between said connections and a wall of the casing.

1,624,867. GEAR-SHIFTING MECHANISM. CHARLES O. GUERNSEY, Philadelphia, Pa. Filed Mar. 21, 1925. Serial No. 17,213. 6 Claims. (Cl. 74—39.)



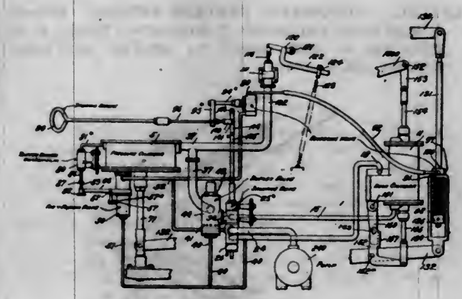
2. The combination with a frame and a gear mechanism connected together for relative pivotal movement; of a device movably mounted on the gear mechanism for shifting an element thereof; an operating lever on the frame; a shaft extending approximately radially with respect to the axis of the said pivotal movement; arms on the shaft; a universally adjustable connection between the lever and one arm on the shaft; and a universally adjustable connection between the other arm on the shaft and the shifting device.

1,624,868. METAL-WORKING MACHINE. BENGT M. W. HANSON, Hartford, Conn.; Einar A. Hanson and Clarence E. Whitney executors of said Bengt M. W. Hanson, deceased. Filed Mar. 9, 1922, Serial No. 542,442. Renewed Oct. 24, 1924. 25 Claims. (Cl. 51—42.)



1. In a machine for grinding threaded members and the like, a plurality of independently mounted grinding wheels, each having a formed edge adapted to grind a groove or grooves in the work, a holder for rotatably supporting a piece of work in operative relation to said tools, means for relatively moving said holder generally longitudinally of said wheels in accordance with the lead of the thread on the work, and means for automatically moving said grinding wheels transversely of the work.

1,624,869. VACUUM SEALING MACHINE FOR JARS AND OTHER CONTAINERS. HARRY INGRAM, Brooklyn, N. Y. Filed June 24, 1922. Serial No. 570,687. 14 Claims. (Cl. 226—82.)

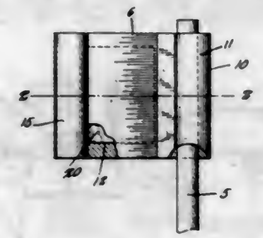


8. In a machine for applying caps to containers, a vacuum pump, a closable sealing chamber, a sealing head movable in said chamber, means for moving the sealing head, a connection between the vacuum pump and the means for moving the sealing head, means whereby vacuum is maintained in said sealing chamber by said pump said means including a connection between the pump and the sealing chamber, and a valve in said last mentioned connection adapted to close the same while leaving open the connection between the pump and the means for moving the sealing head; substantially as described.

1,624,870. LOOM PICKER. DANIEL JOSEPH HIGGINS, Adams, Mass. Filed June 8, 1925. Serial No. 35,708. 1 Claim. (Cl. 139—160.)

A picker for looms comprising an elongated body, a tubular casting formed on one end of said body and adapted to receive a loom picker rod, said body being provided with a recess opening upon the opposite end

thereof, a substantially elliptical in cross section striking head extending parallel to the last mentioned edge of



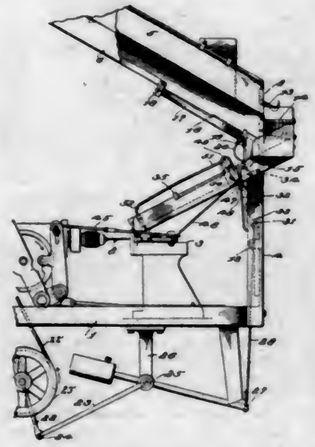
said body and engaging the latter and a blade formed with said head to be operatively arranged in said recess.

1,624,871. GROUND ANCHOR. JAMES R. KEARNEY, Kansas City, Mo. Filed July 5, 1922. Serial No. 572,787. 5 Claims. (Cl. 189—90.)



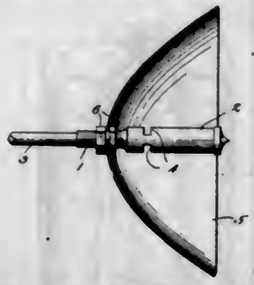
1. In a ground anchor, a body portion, a nut secured thereto, and flexible means mounted on the body for receiving and holding a guy rod in a predetermined position to engage said nut.

1,624,872. AUTOMATIC FEEDING DEVICE. EDWARD J. KINGSBURY and HARRY T. KINGSBURY, Keene, N. H. Filed Apr. 3, 1923. Serial No. 629,718. 21 Claims. (Cl. 10—167.)



10. A feeder of the character described comprising a hopper, an ejector in the hopper, a chute receiving the articles from the ejector, a reciprocating rod for operating the ejector, and a pivoted feeler extending over the chute and held in a raised position by the articles in the chute for disconnecting the rod from the ejector and automatically connecting the rod to the ejector when the articles pass from under the feeler.

1,624,873. SOUND REFLECTOR. JESSE A. LANDIS, Eaton, Ohio. Filed Jan. 15, 1925. Serial No. 2,615. 1 Claim. (Cl. 116—137.)



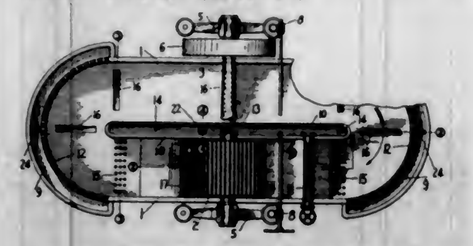
In a device of the class described, a parabolic reflector, a tubular support, a fluid-pressure-actuated signal carried by the support, the support extending through the reflector, the reflector being adjustable longitudinally of the support, toward and away from the signal, and holding devices adjustable longitudinally of the support and cooperating with the reflector to retain the reflector in adjusted positions, the holding devices engaging the reflector in a limited area about its axis, so that practically all of the reflector will be free to vibrate, the holding devices constituting means for so positioning the signal within the contour of the reflector that two sorts of sound waves will be produced, to wit, those proceeding directly from the signal and those reflected by the reflector, the signal being sufficiently thin so that it can vibrate and produce a third kind of sound waves when the signal is operated.

1,624,874. LOOSE-POWDER CONTAINER. SAMUEL S. RADLEY, Gardner, Mass., assignor to Evans Case Co., Attleboro, Mass., a Corporation of Massachusetts. Filed Nov. 3, 1925. Serial No. 66,673. 5 Claims. (Cl. 132—82.)



1. A loose powder container comprising a body and a cover having an opening exposing the bottom of the body, said bottom of the body being in the form of a diaphragm closing said opening, the container outside of said opening and beneath the cover element forming a compartment for powder and the depression of the diaphragm serving to permit escape of the powder to the opening.

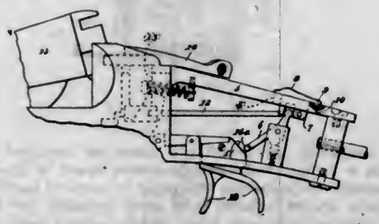
1,624,875. STOCK BEATER. CHARLES W. SHARTLE, Middletown, Ohio. Filed Sept. 4, 1923. Serial No. 660,845. 6 Claims. (Cl. 92—24.)



1. A continuous beater including in combination with a tub for mixing the raw stock in water, a beater roll operable in the tub for reducing the stock, a mid-feather comprising opposite walls forming a receptacle, and an

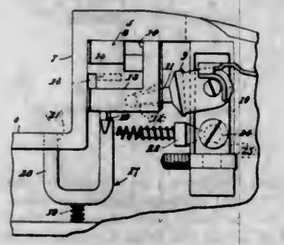
outward extension of the tub forming a receptacle, apertures opening from the tub into said receptacles, whereby portions of the material reduced to a given state and floating at various levels will separate from the mass of the material in the tub and pass through said apertures into said receptacles.

1,624,876. DANGER SIGNAL FOR FIREARMS. LOUIS P. SMITH, Ithaca, N. Y., assignor to Ithaca Gun Company, Ithaca, N. Y., a Corporation of New York. Filed Aug. 27, 1925. Serial No. 52,891. 1 Claim. (Cl. 42—1.)



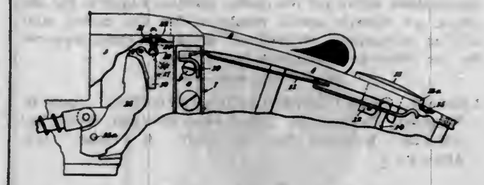
In a device of the type described, a gun frame including an upper tang having a longitudinal slot, a button slidable on the upper tang and having a bifurcated portion depending into said slot, a rod positively connected to the rear furcation of the depending portion of said button, a breech lock operating post journaled in the frame and engageable with the rod to move the latter for shifting the button rearwardly when the post is operated to unlock the breech, a pair of triggers pivoted to the frame, and a safety lever pivoted in the frame with its upper end loosely received between the furcations of the button and with its lower end shiftable into a position to lock the triggers against firing when the button is shifted rearwardly.

1,624,877. BARREL-LOCKING MECHANISM FOR BREAKDOWN GUNS. LOUIS P. SMITH, Ithaca, N. Y., assignor to Ithaca Gun Company, Ithaca, N. Y., a Corporation of New York. Filed Aug. 27, 1925. Serial No. 52,893. 1 Claim. (Cl. 42—44.)



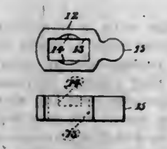
In a breech loading break-down gun, wherein the breech frame is provided with a rotary locking bolt rotating on an axis substantially parallel to the axis of the barrel, wherein a rocking spindle is journaled in the breech frame to the rear of the locking bolt, and wherein a pendulum-lever is hinged to the rocking spindle and has a ball and socket connection with the rotary locking bolt, an external recess in said rotary locking bolt, and a vertically slidable substantially U-shaped trip spring-pressed upwardly to normally have the upper end of one leg thereof engaged in said recess of the locking bolt for holding the latter in unlocked position and for simultaneously projecting the other leg of the trip in the path of the barrel whereby the trip will be depressed and released from the locking bolt by engagement of the underside of the barrel with said other leg of the trip when the barrel is moved to operative position.

1,624,878. HAMMER-POSITION INDICATOR. LOUIS P. SMITH, Ithaca, N. Y., assignor to Ithaca Gun Company, Ithaca, N. Y., a Corporation of New York. Filed Aug. 27, 1925. Serial No. 52,894. 1 Claim. (Cl. 42—1.)



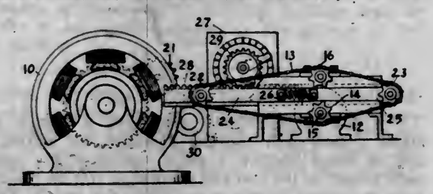
In a gun structure, the combination with a gun frame, and a hammer carried by the frame, of a lever pivoted upon a transverse horizontal axis in the frame in a position to be moved by the hammer when cocked and to be freed when the hammer is fired, a vertically slidable indicator element carried by the frame and adapted to be moved upwardly through the top of the frame into an exposed position by the lever when the latter is moved by the shifting of the hammer to its cocked position, and yieldable means to move said indicator element downwardly into the frame in a concealed position when the lever is freed by the firing of the hammer and to simultaneously return the lever to a position in the path of cocking movement of the hammer.

1,624,879. BARREL-LOCKING DEVICE FOR BREAK-DOWN GUNS. LOUIS P. SMITH, Ithaca, N. Y., assignor to Ithaca Gun Company, Ithaca, N. Y., a Corporation of New York. Filed Aug. 27, 1925. Serial No. 52,897. 1 Claim. (Cl. 42—44.)



In a barrel lock for break-down guns, a frame having a barrel breech receiving cutout portion, a barrel breech movable into and out of said cutout portion, a horizontal U-shaped slidable bolt movable forwardly for locking the barrel breech in said cutout portion, a manually rotatable vertical shaft articulated to the inner side of one leg of the bolt for moving the bolt rearwardly into its unlocked position, and yieldable means constantly urging the bolt toward its locked position.

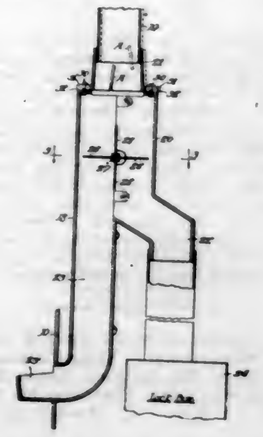
1,624,880. MEANS FOR MAINTAINING MOTORS IN DEFINITE SPEED RELATION. MILLARD COLE SPENCER, East Orange, N. J., assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J., a Corporation of New Jersey. Filed Nov. 2, 1926. Serial No. 145,748. 1 Claim. (Cl. 172—293.)



A system of motor control for maintaining a number of motors in definite speed relation which comprises a reference speed source for the motors, and in combination

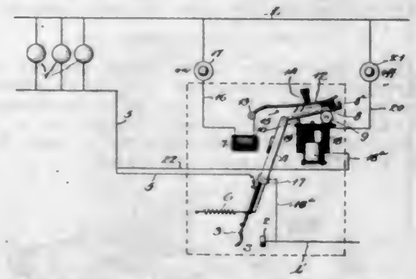
with each motor an endless chain, two sprockets for engaging and driving the chain, driving connections between the motor and one of the sprockets, driving connections between the reference speed source and the other sprocket, a variable transmission in one of the driving connections, idlers for the chain, movable supports for the idlers, an electric speed regulator for the motor, and driving connections between one of the movable supports for the idlers and the speed regulator.

1,624,881. COIN-CONTROLLED APPARATUS. JOHN B. WATLING, Chicago, Ill. Filed June 29, 1923, Serial No. 648,425. Renewed Feb. 10, 1927. 9 Claims. (Cl. 194—1.)



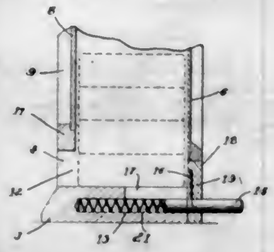
1. The combination with a coin-controlled mechanism including a main chute with a single coin receiving slot having two branch chutes directly connected thereto for receiving the coins that control said mechanism, a main chute having a single coin-receiving slot and guide tube, and a freely rotating member in said main chute operable by the coins so as to deflect in an uncertain manner the coins from said main chute into the branch chutes for delivery to a lock box or externally for return.

1,624,882. SELF-LOCKING SWITCH. GEORGE H. WHITTINGHAM, Baltimore, Md., assignor to Monitor Controller Company, Baltimore, Md., a Corporation of Maryland. Filed Jan. 11, 1924. Serial No. 685,612. 9 Claims. (Cl. 200—106.)



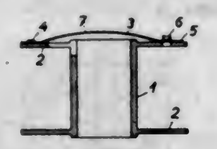
1. A self-locking switch comprising a switch arm, biased toward open position, a magnet for moving the arm to closed position, a roller, constituting a stop, a latch hinged to the arm and adapted to ride on the roller when the arm is moving to and from open position and to drop off the roller and abut against the same when the switch is closed, and an electric circuit adapted to be opened by the latch when it drops from the roller.

1,624,883. CIGARETTE DISPLAY AND DISPENSING CABINET. JACOB GUY ALLEN, Belvidere, Ill. Filed July 11, 1924. Serial No. 725,335. 1 Claim. (Cl. 211—8.)



A dispensing cabinet of the character described comprising a cabinet body having a base board, a plurality of package compartments separated by vertical partitions, the back of the cabinet body being openable for filling said compartments, the front of the cabinet body being open at the bottom of each package compartment just above the base board, the base board being provided with an ejector bore extending forwardly from the back beneath each package compartment, an ejector plunger slidable in each bore, means normally tending to move said plungers to retracted position, the base board being slotted through the top so as to intersect each ejector bore, and an upstanding finger on each plunger extending through and above its slot into the adjacent package compartment and adapted for engaging the rear end of a package for ejecting it, the said fingers being arranged to engage stops to limit the retracting movement of said plungers.

1,624,884. SPOOL FOR SEWING MACHINES. FRIEDRICH FELIX BARTH, Radeberg, Germany. Filed Nov. 18, 1925, Serial No. 69,784, and in Germany May 12, 1925. 4 Claims. (Cl. 112—251.)

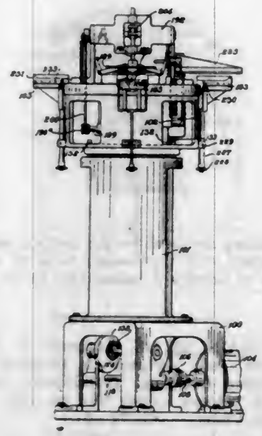


1. In a spool for sewing machines the combination of a central cylindrical portion, flanges on same, and a flat spring fixed to the outer face of one of the said flanges and adapted to act in the axial direction of the spool.

1,624,885. MACHINE AND METHOD FOR MAKING PAPER BOXES. SAMUEL BERGSTEIN and ARTHUR C. E. LINDNER, Middletown, Ohio, assignors to The Interstate Folding Box Company, Middletown, Ohio. Filed Oct. 17, 1925. Serial No. 63,140. 33 Claims. (Cl. 93—49.)

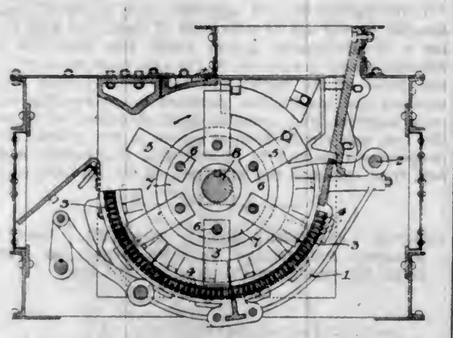
1. A box making machine including in combination, a rotatable work carrier comprising a plurality of box supporting units each adapted to have a box positioned thereon and to move the same upon rotation of the carrier to successive stop positions, each unit being adapted in one of said positions to have a box positioned thereon, means in the next position of stop of said unit for applying double-faced adhesive tape to folded portions of the box, means interposed between said last named position and

the second stop of said unit acting to moisten the exposed face of the tape, other means acting to fold other portions of the box over the tape and said folded portions,



and means operable under pressure in the third position of stop of said unit to effect adhesion between the folded portions of the box and the sealing element.

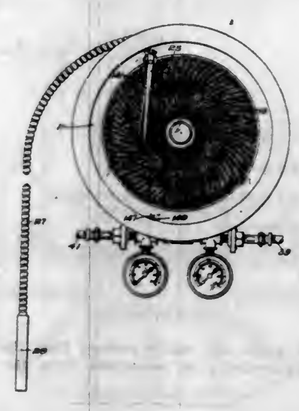
1,624,886. SCREEN BAR FOR CRUSHING MACHINERY. GEORGE W. BOSTON, Philadelphia, Pa., assignor to Pennsylvania Crusher Company, New York, N. Y., a Corporation of New York. Filed Dec. 15, 1926. Serial No. 154,916. 3 Claims. (Cl. 83—11.)



1. A screen bar substantially rectangular in cross section, having a plurality of spacing lugs disposed inwardly with respect to the edge of the bar and projecting at right angles with respect to the longitudinal axis of the bar; each lug being provided with flat contacting faces disposed each at an angle to the other.

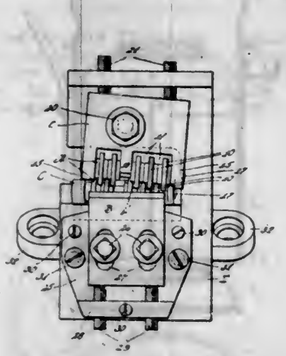
1,624,887. MEASURING AND CONTROLLING INSTRUMENT. EDGAR H. BRISTOL, Foxboro, Mass., assignor to The Foxboro Company, Foxboro, Mass., a Corporation of Massachusetts. Filed Aug. 10, 1920. Serial No. 402,665. 38 Claims. (Cl. 234—11.)

20. A combined recording and controlling instrument comprising a clock movement having a shaft, a dial plate rotatable thereby, a pen, a pressure responsive member moving the same, governing mechanism including a



valve element operated by said member, a cooperating valve element and a cam on the time shaft for positioning said latter element.

1,624,888. WORK REST. HARRIS J. COOK, New Britain, Conn., assignor to The Stanley Works, New Britain, Conn., a Corporation of Connecticut. Filed Aug. 11, 1925. Serial No. 49,611. 7 Claims. (Cl. 82—35.)

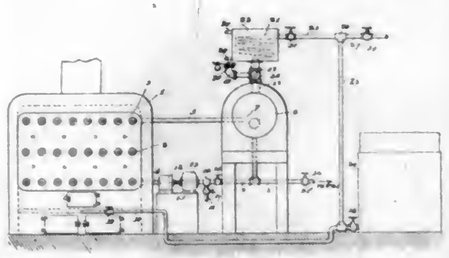


1. A work rest having a plurality of rollers with their axes inclined relative to one another and each provided with a plurality of circumferential work engaging ribs and intervening grooves, each of said rollers comprising a plurality of independently rotatable sections, some of the ribs of one roller engaging in the grooves of the other roller.

1,624,889. METHOD OF TREATING HYDROCARBONS. WALTER M. CROSS, Kansas City, Mo., assignor, by mesne assignments, to Gasoline Products Company, a Corporation of New York. Filed June 1, 1915, Serial No. 31,486. Renewed Jan. 4, 1912. Serial No. 527,049. 5 Claims. (Cl. 196—51.)

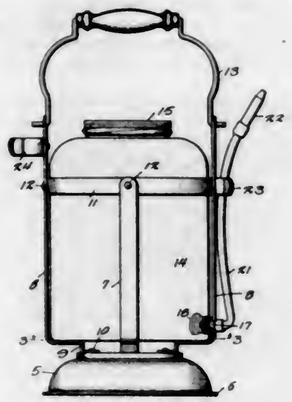
2. A process of converting hydrocarbon oils, which comprises heating and digesting the oil in a coil and enlarged chamber to the extent that the oil attains a substantial equilibrium prior to the withdrawal of the prod-

ucts of conversion, the coil only being heated, maintaining a body of liquid oil in the enlarged chamber under the



pressure of gases and vapors evolved from the oil, and withdrawing products of conversion from the enlarged chamber.

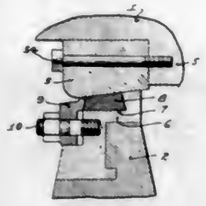
1,624,890. BATTERY FILLER. JOHN S. HOOPER, Wilkinsburg, Pa. Filed Dec. 8, 1925. Serial No. 74,126. 2 Claims. (Cl. 224—45.)



1. In a battery filler of the character described, an open jar carrier embodying a base, a body connected with the base, the body having a lateral offset portion adjacent its lower end and disposed above said base for supporting reception of a jar whereby the jar will be held above said base.

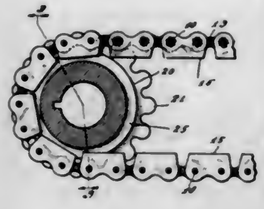
1,624,891. WATER-TIGHT SEATING FOR BUTTERFLY VALVES AND SUCH. ELY C. HUTCHINSON and CHARLES V. FOULDS, Oakland, Calif., assignors to Pelton Water Wheel Company, San Francisco, Calif., a Corporation of California. Filed July 14, 1924. Serial No. 725,772. 5 Claims. (Cl. 251—11.)

1. A butterfly valve, comprising a casing having an annular seat portion provided with seating faces inclined relative to the axis of the seat portion, a disc member pivotally mounted on one diameter with the pivot in substantially the plane of said annular seat portion, seat-engaging members mounted on said disc member and having recesses in one side, and inclined seat-engaging faces, and a compressible packing mounted in said recesses, said packing and the inclined faces of



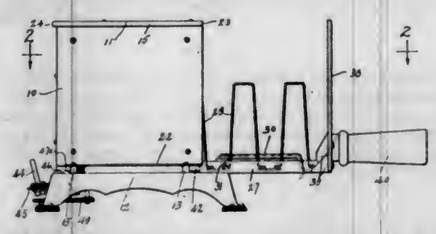
the seat-engaging members having seating cooperation in wedging relation with the seating faces of said annular seat portion to provide a water-tight fit in closed position.

1,624,892. CHAIN DRIVE. CLARENCE P. KOTTLOWSKI, Indianapolis, Ind., assignor to Diamond Chain and Manufacturing Company, Indianapolis, Ind., a Corporation of Indiana. Filed Nov. 30, 1925. Serial No. 72,158. 10 Claims. (Cl. 74—21.)



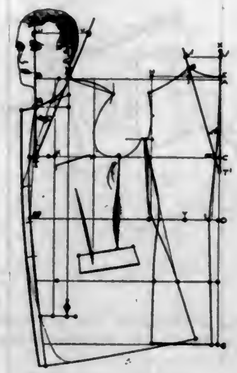
1. In combination, a sprocket, and a chain; said sprocket having one or more rows of teeth, and also having a circumferential groove whose side walls are in different planes transverse to the axis from those of the side faces of the teeth; and said chain having cross members and longitudinal members interconnecting said cross members, and including guide members which project into said circumferential groove in the sprocket and co-operates therewith to prevent said longitudinal members from engaging the side faces of the sprocket teeth.

1,624,893. ELECTRIC BREAD TOASTER. JOHN E. MARSDEN, Philadelphia, Pa. Filed Nov. 30, 1925. Serial No. 72,093. 9 Claims. (Cl. 219—19.)



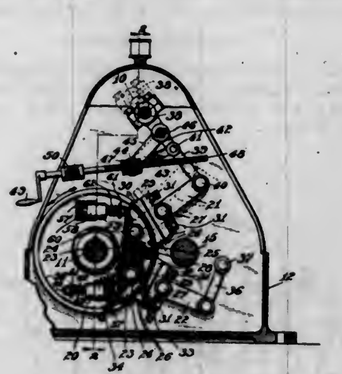
1. In an electric toaster, the combination of a casing, an electrical heating coil therein, a support for a slice of bread movable into or out of said casing, and switch means for said coil operative by said support when the same is moved into said casing to close the circuit.

1,624,894. SYSTEM OF TAILORING. GIUSEPPE A. MONORELLI, Philadelphia, Pa. Filed Sept. 26, 1925. Serial No. 58,870. 8 Claims. (Cl. 33—17.)



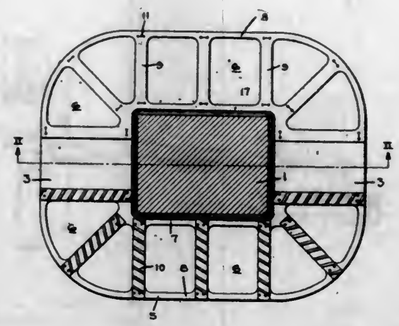
1. The herein described improvement in the art of drafting a coat, which consists in establishing horizontal and vertical reference lines, locating a reference point on the vertical reference line below the horizontal reference line at a distance therefrom bearing a predetermined relation to the breast measure, drawing a diagonal line through the reference point at a predetermined angle from the vertical line, and establishing a second reference point at the intersection of said diagonal and horizontal lines.

1,624,895. VARIABLE-SPEED REDUCTION GEARING. MILTON O. REEVES, Columbus, Ind., assignor to Reeves-Pulley Company, Columbus, Ind., a Corporation of Indiana. Filed Nov. 6, 1924. Serial No. 748,117. 5 Claims. (Cl. 74—53.)



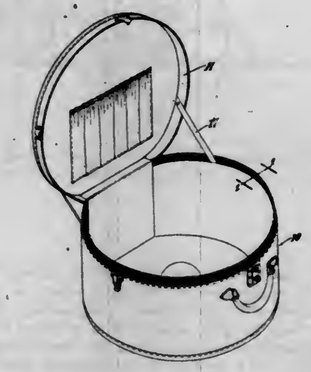
2. A speed-producing power transmission, comprising a driving shaft having an eccentric, a driven member, a gripping device cooperating with said driven member and angularly movable thereon, two links pivoted together and respectively pivotally connected to said gripping device and to said eccentric, an adjustable pivot pin, a link connecting said adjustable pivot pin to a point on one of said first two links.

1,624,896. TRANSFORMER-COIL-SPACING DEVICE. ALEXANDER VEITCH, McKeesport, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 16, 1922. Serial No. 568,876. 6 Claims. (Cl. 175—356.)



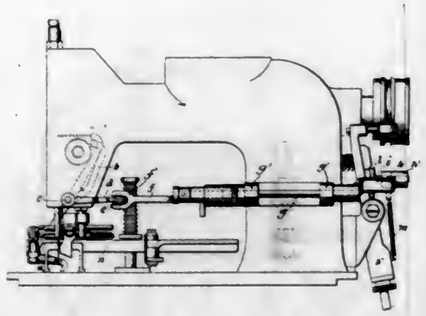
1. A coil-spacing device comprising a supporting portion having openings therethrough for the circulation of a cooling medium, the parts of the supporting portion that defines said openings having passages therein for connecting said openings.

1,624,897. LUGGAGE CARRIER. OSSIP JOSEPH WALINSKY, Sea Gate, N. Y., assignor to White Luggage Co. Inc., New York, N. Y., a Corporation of New York. Filed Dec. 22, 1925. Serial No. 76,944. 8 Claims. (Cl. 206—8.)



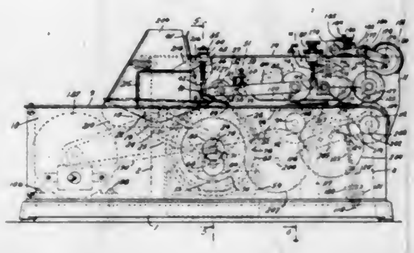
8. In a device of the character described, a collar having a thin strip fastened thereto near one edge, a binding arranged over the edge of said collar and projecting beyond said strip, a lining and a stay, said binding, lining and stay being jointly stitched to said collar just below the edge of said strip.

1,624,898. THREAD TIGHTENER. ALBERT HENNING, Bielefeld, Germany, assignor to Anker-Werke Aktiengesellschaft, Bielefeld, Germany. Filed May 1, 1926, Serial No. 106,077, and in Germany Nov. 4, 1924. 3 Claims. (Cl. 112—242.)



1. The combination with a sewing machine including a tilting cloth clamp, of a pivoted thread pulling lever having at one end a member through which the thread passes and having its other end normally resting directly on the cloth clamp and actuated by movement thereof to produce slack in the thread.

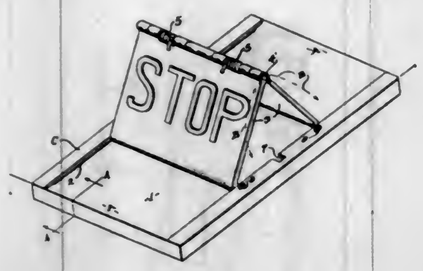
1,624,899. MAILING MACHINE. GEORGE E. NORTHROP, Stamford, Conn., assignor to Red Star Appliances, Inc., Stamford, Conn., a Corporation of Delaware. Original application filed Dec. 31, 1925, Serial No. 78,524. Divided and this application filed Apr. 24, 1926. Serial No. 104,301. 10 Claims. (Cl. 271—2.)



1. In a machine of the character described, the combination of a platform on which a stack of envelopes may be placed with their bodies substantially horizontal and their flaps hanging downward in shingled relation, a power driven drum for advancing the lowermost envelope of the stack, and a feeding drum to which said advanced envelope is delivered.

1,624,900. TRAFFIC SIGNAL. KARL C. PARKHURST, Wichita, Kans. Filed Aug. 10, 1926. Serial No. 128,424. 2 Claims. (Cl. 40—125.)

1. In a traffic signal, a bed imbedded in the surface of the road, a depression in the bed having channels on each side thereof, a pair of pivotally connected indicia plates having dowels on the outer corners thereof to engage in said channels, springs engaging at the pivot point of the plates to cause said plates to move towards each other,



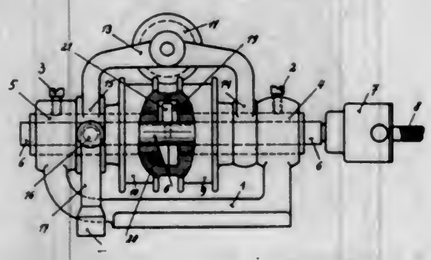
stops engaging across said channels against which said dowels will engage for an angled position of each of the plates.

1,624,901. TIN WITH TIGHTLY-CLOSING COVER. ADOLF SCHWIEGER, Hannover, Germany. Filed Feb. 19, 1926, Serial No. 89,396, and in Germany Dec. 18, 1925. 1 Claim. (Cl. 220—42.)



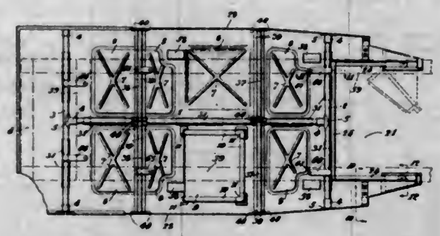
The combination of a tin having a laterally resilient side wall, a tightly closing cover having a laterally resilient rim engaging over the top part of said side wall, a weak circumferential abutment for the cover in the middle of said side wall, and a downward extension on the cover rim extending beyond and fitting over said weak abutment, substantially as and for the purpose set forth.

1,624,902. NUT-TAPPING MACHINE. HERBERT SPRICK, Leipzig, Germany. Filed Aug. 5, 1925, Serial No. 48,343, and in Germany Aug. 26, 1924. 3 Claims. (Cl. 64—5.)



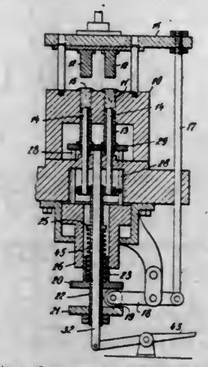
1. The combination in a nut-tapping machine, of a revolubly mounted working-spindle, two belt-pulleys revolubly mounted on the latter and adapted to move the same in opposite rotary directions, a rotary belt tensioning idler, a driving belt guided over said pulleys and idler, a turnable yoke fulcrumed on said spindle and carrying said belt tensioning idler and adapted when turned to change the arc of contact of the belt with said belt-pulleys, and means in connection with said yoke to yieldingly counteract the pulling force of said belt, substantially as and for the purpose set forth.

1,624,903. VEHICLE UNDERBODY CONSTRUCTION. EDWARD A. WETZEL, Royal Oak, Mich., assignor to The American Motor Body Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Dec. 5, 1923. Serial No. 678,566. 11 Claims. (Cl. 296—28.)



1. In a vehicle body construction, a separate integral underbody stiffening unit, comprising a central longitudinal tubular member and transverse tubular members integrally united to the longitudinal member, and means on said unit for securing the unit rigidly to the vehicle body across the bottom thereof, with said longitudinal member disposed along the center line of the body and the transverse members extending from one side of the body to the other side thereof.

1,624,904. METHOD OF AND APPARATUS FOR FORMING BODIES BY PRESSURE. CARL CLAUS, Plainfield, N. J., assignor to Bound Brook Oil-Less Bearing Company, Boundbrook, N. J., a Corporation of New Jersey. Filed Jan. 20, 1925. Serial No. 3,565. 5 Claims. (Cl. 18—16.)



2. In apparatus for producing recessed bodies from compressible material, a mold-chamber having a core-member arranged axially therein with a space between the two and an annular die-member disposed in the bottom of said space against which the material is pressed, a die-member movable into and out of the outer end of said mold-chamber and acting to compress the material in said space and against said annular die-member and said core-member, said core-member being constructed and arranged to give or yield under the action of said material under compression.

Patents Nos. 1,624,905 to 1,625,778.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 357—No. 3. TUESDAY, APRIL 19, 1927. Price—$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $10.00 per annum; single numbers, 25 cents each.

PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.

CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

CONTENTS.

	Page.
Issue of April 19, 1927	531
Interference Notice	531
Adjudicated Patents	531
Change in Price of Official Gazette Publications	531
Time Limits for Actions	531
Applications Under Examination	532
Commissioner's Decision—	
Ex parte Stringham	533
Patent Suits	534
Adverse Decisions in Interference	536
Trade-Marks Cancelled	536
Disclaimers	536
Trade-Marks Published (270 Applications)	537
Trade-Mark Registrations Granted	572
Trade-Mark Registrations Renewed	585
Labels	586
Prints	590
Reissues	591
Designs	593
Patents Granted	594

Issue of April 19, 1927.

Trade-Marks	269—No.	226,668 to No.	226,936, inclusive.
T. M. Renewals	80		
Labels	37—No.	31,957 to No.	31,993, inclusive.
Prints	22—No.	9,727 to No.	9,748, inclusive.
Reissues	11—No.	16,593 to No.	16,603, inclusive.
Designs	45—No.	72,644 to No.	72,688, inclusive.
Patents	874—No.	1,624,905 to No.	1,625,778, inclusive.
Total	1,338		

Interference Notice.

U. S. PATENT OFFICE, *Washington, Apr. 6, 1927.*

Austin O. Stanley, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of Clifford M. Paxton, 1134 Pacific Street, Brooklyn, N. Y., and patent granted August 10, 1926, No. 1,595,888, to Austin O. Stanley, 205 High Street, Detroit, Mich., and a notice of such declaration sent by registered mail to said Stanley at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Stanley, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

ADJUDICATED PATENTS.

(D. C. Wis.) The McKee patent, No. 1,054,130, for machine for shaving printing plates, *Held* invalid. *C. B. Cottrell & Sons Co.* v. *Claybourn Process Corporation*, 17 F. (2d) 279.

(D. C. Wis.) The McKee patent, No. 1,077,621, for method of treating printing plates to give uniformity of thickness, *Held* invalid. *C. B. Cottrell & Sons Co.* v. *Claybourn Process Corporation*, 17 F. (2d) 279.

(D. C. Calif.) The Barkis patent, No. 1,353,209, for machine for bleaching almonds, *Held* invalid. *Barkis* v. *California Almond Growers' Exchange*, 17 F. (2d) 327.

(D. C. Md.) The Freydberg patent, No. 1,457,625, for fabric binding strips, *Held* invalid. *Freydberg Bros.* v. *Hamburger*, 17 F. (2d) 300.

Change in Price of Official Gazette Publications.

The price of the OFFICIAL GAZETTE has been advanced, beginning March 1, 1927, to $10.00 a year, which will not include the Annual Index.

The Index hereafter will be published in two parts—one on patents, price $1.00, and the other on trade-marks, price 50 cents.

TIME LIMITS FOR ACTIONS.

Completing applications ..... 6 mos.

Responding to official actions:

If dated prior to May 2, 1927 ..... 1 yr.

If dated on or after May 2, 1927 ..... 6 mos.

Renewal of applications:

If allowed prior to May 2, 1927 ..... 2 yrs.

If allowed on or after May 2, 1927 ..... 1 yr.

(See act of March 2, 1927, 357 O. G. 5.)

This act affects all applications pending before this Office, irrespective of their filing dates.

Condition of Applications Under Examination at Close of Business April 8, 1927.

(Total number of applications awaiting action, excluding Trade-Mark Division, 57,658; Trade-Mark Division, 1,917. Oldest new case, Aug. 5, 1926; oldest amended, Sept. 2, 1926. The dates given are 1926 except where † indicates 1927.)

Room No.	Divisions, Examiners, and Subjects of Inventions.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders	†Feb. 5	†Feb. 2	495
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Dec. 20	Dec. 23	703
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 22	Nov. 30	1,501
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Oct. 25	Oct. 25	1,444
108*	5 MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters	Nov. 2	Nov. 2	925
318	6. LEWERS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation	Sept. 9	Sept. 9	1,590
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Nov. 2	Nov. 2	1,208
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Dec. 6	Dec. 7	1,625
221	9 ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	†Jan. 20	†Jan. 17	770
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops	Nov. 23	Nov. 6	1,180
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus: Cutting and Punching Sheets and Bars.	Dec. 29	†Jan. 5	902
380	12. PIERCE, P. P., Machine Elements	Nov. 3	Nov. 22	1,063
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Oct. 16	Dec. 3	1,238
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Oct. 19	Nov. 3	1,105
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Dec. 6	Dec. 6	1,280
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats: Telegraphy; Telephony	Dec. 9	†Jan. 12	681
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 23	Oct. 25	721
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 28	Oct. 4	964
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Dec. 15	†Jan. 10	767
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes: Undertaking.	Dec. 1	Dec. 1	957
212	21 THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Nov. 11	Nov. 16	985
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 14	Oct. 15	827
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 25	Dec. 3	627
147*	24. DURAS, C. O., Apparel: Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 27	Sept. 27	1,012
314	25. LIGHTFOOT, J. B., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal-Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.	Nov. 1	Nov. 4	1,223
238*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 24	Nov. 11	862
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Dec. 22	Dec. 29	843
225	28. BENSON, A. R., Internal-Combustion Engines	Dec. 2	Dec. 23	1,150
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Nov. 6	Nov. 8	1,104
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Dec. 3	†Jan. 24	859
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Nov. 12	Nov. 11	1,528
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation	Dec. 2	Dec. 7	874
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Dec. 23	†Jan. 4	1,187
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.	Oct. 23	Nov. 1	759
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	†Jan. 10	†Jan. 19	730
108	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	†Jan. 18	†Jan. 20	842
224*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	Nov. 15	Nov. 15	1,367
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells	Oct. 9	Oct. 14	1,056
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	†Jan. 11	†Feb. 5	485
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles	Nov. 30	Nov. 29	1,092
125	41. BROWN, J. L., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Dec. 29	Dec. 14	673
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Oct. 25	Oct. 25	1,559
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Dec. 15	Dec. 22	800
253	44. SHAFFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Oct. 18	Oct. 29	1,096
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Dec. 16	Dec. 18	856
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Nov. 27	Nov. 4	922
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 26	Dec. 1	1,305
213*	48. ROEPKE O. B., Electricity, General Applications	Oct. 25	Oct. 28	1,008
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices: Ventilation; Velocipedes; Driers; Liquid Separation or Purification.	Oct. 12	Nov. 4	995
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Dec. 23	Dec. 31	1,242
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission	Oct. 16	Oct. 14	1,273
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Nov. 24	Nov. 24	1,169
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Dec. 13	Dec. 22	909
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes	Aug. 5	Sept. 2	1,710
102	55. RICHARD, V. I. (Acting)—Bread, Pastry, and Confection Making; Cutlery	Nov. 2	Nov. 13	499
	55. RICHARD, V. I. (Acting)—Designs	†Mar. 9	†Mar. 21	506
163	Trade-Marks, Labels, and Prints: F. A. RICHMOND—Trade-Marks	†Mar. 9	†Mar. 26	1,709
	Trade-Marks, Labels, and Prints: F. A. RICHMOND—Labels and Prints	†Mar. 28	†Mar. 29	208

* Refers to room numbers in the annex

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

EX PARTE STRINGHAM.

Decided March 4, 1927.

1. APPLICATION—ABANDONMENT—SUBSTITUTION OF APPARATUS FOR METHOD CLAIMS FOLLOWING RECOMMENDATION OF BOARD.

Where on appeal to the Board, the ground of rejection of method claims 11 and 12 relied upon by the Examiner was held insufficient, but the appellate tribunal recommended rejection on the patent to D., a new reference, after which two apparatus claims were substituted for claims 11 and 12 and the Examiner ruled the amendment not in accordance with the Board's decision and held the application abandoned, *Held* that since the application already contained both apparatus and method claims, and the new claims did not raise a question of division, nor involved previously unclaimed features, the Examiner's action was in error.

2. SAME—SAME—AMENDMENT TO AVOID NEW REFERENCE FOLLOWING RECOMMENDATION OF BOARD.

Where on appeal from the Examiner's rejection of claims 16 and 17, the Board did not specifically reverse or affirm the Examiner's holding, but recommended rejection on the patent to D., a new reference, and the Examiner refused to permit amendment because the claims were under final rejection, *Held* that the applicant had the right to amend to avoid the D. patent even though the amendment also avoided the ground on which the claims were finally rejected.

ON PETITION.

Application for patent for motor.

Mr. Philip Farnsworth for the applicant.

KINNAN, *First Assistant Commissioner:*

The applicant has presented a petition "to overrule the holding of abandonment by the Principal Examiner." The petition is accompanied by a request for an oral hearing, but it is not customary to grant hearings on petitions of this character, and the request as to this matter is denied.

On December 14, 1926, the Examiner held the case became abandoned by reason of the failure of the applicant to properly prosecute the application within one year from December 3, 1925, on which date the Examiners in Chief rendered a decision on appeal from the Examiner's rejection of all the claims in the case.

The record shows the applicant appealed from the Examiner's denial of all the claims, 43 in number, and that the Examiners in Chief reversed the Examiner as to 10 claims, recommended new grounds of rejection as to 9 other claims, and affirmed the Examiner as to the remainder of the claims. It will be necessary to consider here only claims 11, 12, 16, and 17.

As to claims 11 and 12, the ground of rejection urged by the Examiner was not deemed sufficient, but the Examiners in Chief recommended these claims be rejected on a patent of record to Devoissaud. Regarding claims 16 and 17, the Examiners in Chief did not specifically reverse or affirm the Examiner's holding, but held such claims failed to distinguish patentably from this same reference, Devoissaud.

On December 15, 1925, an amendment was filed canceling claims 11 and 12 and substituting therefor two new claims which were numbered 3 and 4 and claims 16 and 17 were amended and renumbered 7 and 8.

On March 24, 1926, the Examiner objected to the amendment to these claims as not in accordance with the decision of the Examiners in Chief, required the cancellation of the new claims and the amendments to claims 16 and 17, and held the case awaited complete response to the decision of the Examiners in Chief of December 3, 1925.

On June 29, 1926, the applicant requested a statement of the reasons relied upon by the Examiner in support of his objection to the amendment filed December 15, 1925, and the Examiner on July 8, 1926, furnished such explanation citing authorities in support of his ruling. The applicant was further warned that a proper response to the recommendations of the Examiners in Chief must be presented before December 3, 1926, in order to save the case from abandonment.

On December 2, 1926, the applicant filed an extended argument to the effect that the amendment of December 15, 1925, was proper and should be admitted. On December 14, 1926, the Examiner held the case abandoned. The Examiner stated, however, for the first time that the substitute claims were regarded as improper because they were apparatus claims rather than method claims for which latter they were substituted and further noted that they were "of the same type as those which the Examiner refused," and that they should have been originally presented. He further held, as to claims 16 and 17, that they were not subject to amendment at all as the original final rejection was affirmed by the Examiners in Chief.

[1] It is thought the Examiner was in error in refusing to admit the amendment of December 15, 1925. The case had already claims for the apparatus and claims for the method, and there was no reason why, in seeking to overcome the new ground of rejection presented by the Examiners in Chief, the applicant should be barred from shifting his claims to apparatus rather than method claims. Such shifting did not raise a question of division nor involve claims to previously unclaimed features. There is nothing in the rule of procedure which would preclude the proposed substitution so long as the applicant was trying to avoid the new ground of rejection presented by the Examiners in Chief.

[2] The holding of the Examiner that claims 16 and 17, which the applicant proposed to renumber 7 and 8, were not subject to amendment at all was in error. Even if the decision of the Examiners in Chief be construed as affirming the rejection of the Examiner yet that tribunal did add an additional ground of rejection, the patent to Devoissaud. On appeal from the decision of the Examiners in Chief

the applicant might hope to overcome the ground of rejection urged by the Examiner, but might feel that he could not overcome the additional ground presented by the Examiners in Chief. In view of this condition he was entitled to return to the Examiner and amend so as to avoid the new ground of rejection. If this incidentally avoided the ground of rejection presented by the Examiner, it is believed the amendment was still proper and should have been admitted.

In the amendment of December 15, 1925, the remarks appended urge that claims 11 and 12, which applicant designates as renumbered claims 3 and 4, were almost equivalent in scope to former claims 11 and 12, denied by the Examiners in Chief, and noted in what manner they distinguished from the reference Devoissaud.

It can not be disputed the applicant had a right to amend claims 11, 12, 16, and 17 to overcome the now ground of rejection presented by the Examiners in Chief. It is accordingly held the amendment of December 15, 1925, was responsive to the action of the Examiners in Chief and the holding of abandonment is overruled. The case is remanded to the Examiner for further action in accordance with this decision.

To the above extent the petition is granted.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

940,901, W. H. Son, Car truck; 940,902, same, suit filed Nov. 22, 1926, D. C., E. D. N. Y., Doc. 2820, *M. Son* v. *New York Rapid Transit Corp. et al.* Order of discontinuance Jan. 18, 1927.

940,902. (See 940,901.)

959,506, P. Gerstenkorn, Machine for grinding cocks, suits filed Feb. 7, 1927, D. C., E. D. Pa., Doc. 3953, *A. G. Gothel et al.* v. *Turner Foundry & Machine Co.*

1,018,502 (*a*), Just & Hanaman, Incandescent body for electric lamps; 1,180,159, I. Langmuir, Incandescent electric lamp, suit filed Feb. 3, 1927, D. C. N. J., Doc. E 2324, *General Electric Co.* v. *Glenwood Mfg. Co. et al.*

1,018,502 (*b*), Just & Hanaman, Incandescent body for electric lamps, suit filed Feb. 3, 1927, D. C. N. J., Doc. E 2325, *General Electric Co.* v. *Miles Corp. et al.* Consent decree Feb. 18, 1927. Same, suit filed Mar. 7, 1927, D. C., S. D. N. Y., Doc. E 40/363, *General Electric Co.* v. *A. Froot.* Same, suit filed Dec. 13, 1926, D. C., E. D. N. Y., Doc. 2856, *General Electric Co.* v. *H. M. Levinson* (*Arrow Light Co.*). Decree for plaintiff Jan. 10, 1927.

1,018,502 (*c*), Just & Hanaman, Incandescent body for electric lamps; 1,082,833, W. D. Coolidge, Tungsten and method of making same for use as filaments of incandescent electric lamps, etc., suit filed June 4, 1925, D. C., S. D. N. Y., Doc. E 32/197, *General Electric Co.* v. *B. Weissberg & Co., Inc., and others.* Patent 1,018,502 held valid and infringed by two of defendants, bill as to 1,082,933 dismissed as to them Mar. 8, 1927.

1,047,039, A. Gee, Stocking and other fabric drier, suit filed Feb. 11, 1927, D. C., E. D. Pa., Doc. 3959, *Proctor & Schwartz, Inc.*, v. *Philadelphia Drying Machinery Co.*

1,082,933. (See 1,018,502 (*c*).)

1,127,733, V. Clairemont, Preserving eggs, suit filed Jan. 25, 1927, D. C. Utah (Salt Lake City), Doc. E 9764, *Clairemont Sterilized Egg Co. et al.* v. *Ogden Egg Co.*

1,128,454, T. Kaiser, Flycatcher, suit filed Jan. 19, 1927, D. C., E. D. Pa., Doc. 3927, *T. Kaiser et al.* v. *R. E. Tongue & Bros. Co., Inc.*

1,180,159. (See 1,018,502 (*a*).)

1,196,691, B. F. Hopkins, Means for distributing liquids, suit filed Mar. 7, 1927, D. C., N. D. Ohio (W. Div.), Doc. E 735, *Alliance Securities Co.* v. *The De Vilbiss Mfg. Co.*

1,208,788, W. T. Robinson, Flexible electrical conduit, suit filed June 17, 1926, D. C. N. J., Doc. E 2041, *National Metal Molding Co.* v. *Electric Conduits Co.* Decree for injunction Feb. 7, 1927.

1,214,331, M. Levy, Hæmocytometer, suit filed Mar. 4, 1927, D. C., W. D. N. Y., Doc. 453–C, *C. A. Hausser* v. *Bausch & Lomb Optical Co.* Discontinued on stipulation (notice dated Mar. 4, 1927).

1,223,659, W. S. Barnickel, Treatment of crude oil, appeal filed Feb. 25, 1927, C. C. A. (8th Cir., St. Louis), Doc. 7044, *Producers & Refiners Corp.* v. *S. Lehmann et al.* Decree of District Court of Wyoming of May 2, 1921, affirmed; decree on accounting modified and affirmed Feb. 25, 1927.

1,262,860, S. B. Smith, Incubator, suit filed July 12, 1926, D. C., N. D. Ohio (E. Div.), Doc. 1966, *The Buckeye Incubator Co.* v. *J. A. Blum* (*Twentieth Century Hatchery*). Patent held not infringed, bill dismissed Mar. 4, 1927.

1,305,360, 1,305,361, C. J. Holslag, Alternating-current welding transformer; Re. 16,012, same, Electric-arc welding, cutting, and repairing, suit filed Feb. 16, 1927, D. C., E. D. Pa., Doc. 3961, *Electric Arc Cutting & Welding Co.* v. *R. D. Thomas & Co., Inc.*

1,305,361. (See 1,305,360.)

1,307,733, A. V. Gullborg, Lubricating means; 1,307,734, same, Lubricating apparatus; 1,475,980, O. Zerk, same, appeal filed Oct. 2, 1926, C. C. A. (7th Cir.), Doc. 3829, *The Larkin Automotive Parts Co.* v. *The Bassick Mfg. Co.* Appeal dismissed by consent Feb. 8, 1927. Same, appeal filed Nov. 19, 1926, C. C. A. (7th Cir.), Doc. 3841, *The Larkin Automotive Parts Co.* v. *The Bassick Mfg. Co.* Writ of error dismissed by consent of plaintiff Feb. 8, 1927.

1,307,734. (See 1,307,733.)

1,375,350, A. Bernstein, Neckband for shirts, suit filed Dec. 27, 1926, D. C., E. D. Pa., Doc. 3887, *Westinghouse Electric & Mfg. Co., et al.* v. *The Leeds & Northrup Co.*

1,419,137, 1,481,839, J. A. Hewes, Men's neckwear, appeal filed Feb. 17, 1927, C. C. A. (7th Cir.), Doc. 3867, *J. A. Hewes et al.* v. *S. Dieches & Co.*

1,432,658, C. J. Bellar, Grease pump; 1,548,220, C. Spaeth, Liquid-dispensing appliance; 1,544,356; same, Hand truck; Re. 16,284, same, Hose nozzle, suit filed Mar. 5, 1927, D. C., W. D. Mich. (S. Div.), Doc. 2100, *The Marvel Equipment Co.* v. *Bennett Pumps Corp.*

1,438,854, R. S. Piper, Coupling transformer for radio systems, suit filed Jan. 29, 1927, D. C., E. D. Pa., Doc. 3935, *R. S. Piper* v. *Atwater Kent Mfg. Co.*

1,447,397, O'Brien & Vierling, Pencil, suit filed Feb. 26, 1927, D. C. Minn. (4th Div.), Doc. E 574, *L. F. Dow Co.* v. *F. R. Bartholomew et al.*

1,458,535, A. Meldrum, Bottle cap, appeal filed Sept. 9, 1926, C. C. A. (2d Cir.), Doc. 9390, *Smith Lee Co., Inc.*, v. *Plympton Paper Products Corp.* Decree affirmed (notice dated Mar. 7, 1927).

1,461,822, H. Epstein, Clamps for producing mottled skein dyeing; 1,498,079, same, Spot-dyeing process for textile fiber, suit filed Aug. 18, 1924, D. C., S. D. N. Y., Doc. E 30/105, *H. Epstein* v. *Rosenberg & Lichtblau* (*Domestic Thread & Yarn Co.*) *et al.* Dismissed under rule 57 Mar. 5, 1927.

1,465,072, W. M. Brooks, Sealing means, suit filed Dec. 14, 1926, D. C., E. D. N. Y., Doc. 2858, *E. J. Brooks & Co.* v. *American Casting & Mfg. Co.*

1,475,960. (See 1,307,733.)

1,481,839. (See 1,419,137.)

1,482,217, A. B. Broluska, Tire structure, suit filed Mar. 8, 1927, D. C., E. D. Mich. (S. Div.), Doc. 1924, *A. B. Broluska* v. *S. Waze* (*Belle Tire Corp.*).

1,498,079. (See 1,461,822.)

1,507,711, Pollock & Horn, Process of making plastic articles, suit filed Oct. 7, 1924, D. C., S. D. N. Y., Doc. E 30/189, *Inter-Ocean Radio Corp.* v. *Belltone Radio Corp.* Dismissed under rule 57 Mar. 5, 1927.

1,523,079, E. H. Peabody, Coupling, suit filed Nov. 24, 1926, D. C., E. D. N. Y., Doc. 2831, *Peabody Engineering Corp.* v. *Todd Dry Dock Engineering & Repair Corp.*

1,534,289, E. Teppet, Process of and composition of matter for killing plants, suits filed Feb. 26, 1927, D. C. Conn., Doc. 1890, *A. Charpilloz et al.* v. *The C. B. Dolge Co.* Same, D. C. N. J., Doc. E 2398, *A. Charpilloz et al.* v. *Reade Mfg. Co., Inc.*

1,541,587, J. Regenstein, Trimming the interior of vehicles, etc., suit filed Mar. 5, 1927, D. C., E. D. Mich. (S. Div.), Doc. 1922, *J. Regenstein* v. *Monroe Board & Lining Co.*

1,543,424, C. W. Cowles, Light-source covering, suit filed Mar. 4, 1927, D. C., S. D. N. Y., Doc. E 40/352, *S. W. Borden* v. *Deal Electric Co., Inc.*

1,544,356. (See 1,432,658.)

1,548,220. (See 1,432,658.)

1,551,853, F. Sette, Valve, appeal filed Feb. 27, 1927, C. C. A. (7th Cir.), Doc. 3869, *Specialty Brass Co.* v. *F. Sette et al.*

1,571,970, H. Sanderson, Fertilizer, suit filed Mar. 9, 1927, D. C., S. D. N. Y., Doc. E 40/386, *E. David et al.* v. *A. R. Kennedy, Inc.*

1,589,308, J. A. Victoreen, Radiofrequency apparatus, suit filed Oct. 7, 1926, D. C., N. D. Ohio (E. Div.), Doc. 2024, *J. A. Victoreen* v. *The Radiart Co. et al.* Decree pro confesso, patent valid, injunction granted Mar. 5, 1927.

1,598,395, L. C. Safir, Slipper-display support, suit filed Mar. 8, 1927, D. C., S. D. N. Y., Doc. E 40/380, *L. C. Safir et al.* v. *Royal Robes, Inc.*

1,600,453, L. A. Corcoran, Wheeled vehicle, suit filed Dec. 18, 1926, D. C., E. D. Pa., Doc. 3901, *L. A. Corcoran et al.* v. *A. K. Schmid et al.* (*Schmid Bros.*).

1,601,133, S. Marcus, Artificial eyes for dolls, etc., suit filed Nov. 3, 1926, D. C., E. D. N. Y., Doc. 2795, *F. & M. Novelty Co., Inc.*, v. *Grubman Engineering & Mfg. Co., Inc.*

1,601,575, L. C. Marshall, Piston packing, suit filed Dec. 23, 1926, D. C., E. D. N. Y., Doc. 2871, *The Simplex Piston Ring Co. of America, Inc.*, v. *A. L. Hamilton* (*Hamilton Motor Parts Co.*).

1,612,387, R. R. Machlett, Ionic-discharge lamp and process of manufacture, suit filed Mar. 9, 1927, D. C., S. D. N. Y., Doc. E 40/388, *Rainbow Light, Inc.*, v. *Manhattan Electric Supply Co. et al.*

1,612,643, J. F. Mulholland, Balloon toy, suit filed Mar. 9, 1927, D. C., S. D. N. Y., Doc. E 40/382, *C. M. Pfeifer* v. *J. Meidenberg.*

1,616,207, J. W. Wardell, Electromagnet spool, suit filed Feb. 28, 1927, D. C. Utah (Salt Lake City), Doc. 9818, *J. W. Wardell et al.* v. *Utah Radio Products Co. et al.*

1,618,767, R. R. Machlett, Manufacture of luminous electrical discharge tubes, suit filed Mar. 9, 1927, D. C., S. D. N. Y., Doc. E 40/387, *Rainbow Light, Inc.*, v. *C. Neon Lights, Inc.*

Des. 43,459, Kellner & Worms, Knitted necktie, suits filed Dec. 18, 1926, D. C., E. D. Pa., Doc. 3889, *Franklin Knitting Mills, Inc.*, v. *Belmont Mfg. Co.* Doc. 3891, *Franklin Knitting Mills, Inc.*, v. *J. Seidman* (*D. Seidman's Sons*). Doc. 3893, *Franklin Knitting Mills, Inc.*, v. *I. M. Silmore et al.* (*Silmore & Andrews*). Doc. 3895, *Franklin Knitting Mills, Inc.*, v. *Eagle Knitting Mills.* Doc. 3897, *Franklin Knitting Mills, Inc.*, v. *L. Effenberg* (*Diamond Knitting Mills*). Doc. 3899, *Franklin Knitting Mills, Inc.*, v. *Seidman & Co.* Doc. 3921, *Franklin Knitting Mills, Inc.*, v. *N. Fleisher et al.* (*Pearl Knitting Mills*). Same, suit filed Nov. 24, 1926, D. C., E. D. N. Y., Doc. 2828, *Franklin Knitting Mills, Inc.*, v. *F. Loeser & Co., Inc.* Same, suit filed Dec. 1, 1926, D. C., E. D. N. Y., Doc. 2839, *Franklin Knitting Mills, Inc.*, v. *Gropper Knitwear Corp.*

Des. 68,828, P. L. Pendleton, Panel for radiodials, suit filed Dec. 27, 1926, D. C., E. D. N. Y., Doc. 2873, *Martin-Copeland Co.* v. *Pilot Electric Co.*

T. M. 200,878, American Insulation Co., Asbestos shingle, suit filed Mar. 2, 1927, D. C., E. D. La., Doc. 18,684, *Eternit, Inc.*, v. *J. J. Clarke Co., Inc.*

Re. 16,012. (See 1,305,360.)

Re. 16,284. (See 1,432,658.)

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,459,724, H. P. Fesenmaier, Intake manifold for internal-combustion engines, decided February 26, 1927, claim 1.

Pat. 1,565,478, D. G. Little, Radiotransmitter, decided March 7, 1927, claim 4.

Final decision in interference has been rendered against the following trade-mark:

T. M. 88,737, A specially-prepared size for certain uses, The Cott-A-Lap Company, New Haven, Conn. Registered October 22, 1912. Decided March 26, 1927.

TRADE-MARKS CANCELED.

74,290. Liquid soap. Marc K. Mermod, New York, N. Y., assignor to The Liquid Soap Distributor Company, New York, N. Y. Registered June 29, 1909. Canceled April 6, 1927.

81,248. Certain named musical instruments. The Cable Company, Chicago, Ill. Registered March 21, 1911. Canceled April 6, 1927.

108,931. Leather. J. M. Delaney & Co., New York, N. Y. Registered March 7, 1916. Canceled April 6, 1927.

149,357. Pneumatic tools and machinery. Chicago Pneumatic Tool Company, Chicago, Ill. Registered December 13, 1921. Canceled April 6, 1927.

149,358. Certain named machinery and tools. Chicago Pneumatic Tool Company, Chicago, Ill. Registered December 13, 1921. Canceled April 6, 1927.

164,919. Certain named portable electric tools. Chicago Pneumatic Tool Company, Chicago, Ill. Registered February 27, 1923. Canceled April 6, 1927.

178,301. Canned fish, preserved fruit, and preserved vegetables. John Crampton & Co., Ltd., Manchester, England. Registered January 8, 1924. Canceled April 6, 1927.

181,835. Butter. Blue Valley Creamery Co., Chicago, Ill. Registered March 25, 1924. Canceled April 6, 1927.

212,574. Absorbent material of fibrous character. Errold B. Thomas, Newton, Mass. Registered May 11, 1926. Canceled April 6, 1927.

218,682. Butter. Blue Valley Creamery Co., Chicago, Ill. Registered September 28, 1926. Canceled April 6, 1927.

219,112. Monthly magazine. The Men's Wear Service Corporation, Chicago, Ill. Registered October 12, 1926. Canceled April 6, 1927.

220,617. Tire flaps and fan belts. The Better Tires Company, Chicago, Ill. Registered November 9, 1926. Canceled April 6, 1927.

Disclaimers.

1,560,474.—*Louis Jensen*, Chicago, Ill. AUTOGRAPHIC REGISTERS. Patent dated November 3, 1925. Disclaimer filed March 30, 1927, by patentee, the assignee, *United Autographic Register Co.*, consenting.

Hereby enters this disclaimer to that part of the claims in said specification which is in the following words, to wit:

"1. The combination in an autographic register with feed rollers one of which is tubular, a shaft reciprocable within the tubular roller and having one end extending beyond the end of said roller, an annular starter collar loose on said tubular roller, and a cone for centering said collar that is secured to and reciprocated by said shaft of a lever designed to reciprocate said shaft.

"2. The combination in an autographic register with feed rollers one of which is tubular, a shaft reciprocable within the tubular roller and having one end extending beyond the end of said roller an annular starter collar loose on said tubular roller and a cone for centering said collar that is secured to and reciprocated by said shaft, of a rocking lever designed to reciprocate said shaft and a cam for rocking said lever."

1,560,475.—*Louis Jensen*, Chicago, Ill. AUTOGRAPHIC REGISTERS. Patent dated November 3, 1925. Disclaimer filed March 30, 1927, by patentee, the assignee, *United Autographic Register Co.*, consenting.

Hereby enters this disclaimer to that part of the claims in said specification which is in the following words, to wit:

"11. In an autographic register, the combination with a shaft having thereon feed rollers, a reciprocal shaft carried by the first mentioned shaft and provided with a screw-threaded extended end, a movable member which engages the screw threaded end of the reciprocatory shaft to effect longitudinal movement thereof and means for effecting a return of said shaft.

"14. In an autographic register, the combination of feed rollers, a shaft mounted for reciprocation within one of the feed rollers, said shaft having an end portion which extends beyond the end of the feed roller in which it is partially housed, a strip engaging and feeding means loosely mounted to be engaged by and positioned to be concentric with the axis of its supporting roller by a cone shaped head associated with the reciprocatory supporting shaft."

1,614,936.—*Leonard D. Soubier*, Toledo, Ohio. GLASS FEEDER. Patent dated January 18, 1927. Disclaimer filed April 2, 1927, by the assignee, *The Owens Bottle Company*.

Hereby enters this disclaimer of claim 4 of said patent, which is in the following words, to wit:

"4. The combination of a container for molten glass having an outlet opening in the bottom thereof, a regulator in the glass above said outlet, a stationary wall surrounding and spaced from said regulator, and means for adjusting said wall up and down."

TRADE-MARKS

OFFICIAL GAZETTE, APRIL 19, 1927.

[VOL. 357. No. 3.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 199,092. (CLASS 39. CLOTHING.) SHIRLEY MODES, INC., New York, N. Y., now by change of name Madelon Modes, Inc., a Corporation of New York. Filed June 24, 1924.

Madelon

Particular description of goods.—Women's Apparel—Namely, Dresses, Fur Scarfs, Blouses, Scarfs of Textile Fabrics, Sweaters, Negligees, Muslin and Silk Underwear, Skirts, Coats, and Hats.

Claims use on fur scarfs, blouses, scarfs of textile fabric, sweaters, negligees, and dresses since June 19, 1924, and on muslin and silk underwear, coats, skirts, and hats since June 20, 1924.

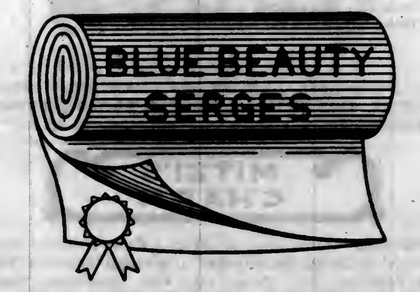
Ser. No. 203,387. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) EDWARD R. PURVIS, Shreveport, La. Filed Oct. 8, 1924.



Particular description of goods.—Polish for Automobiles, Furniture, and the Like.

Claims use since Sept. 1, 1924.

Ser. No. 203,760. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) RUDOLPH SPITZER, doing business as Rudolph Spitzer Co., New York, N. Y. Filed Oct. 11, 1924.



The representation of a roll of cloth and the words "Blue Beauty" and "Serges" are disclaimed apart from the mark as shown.

Particular description of goods.—Serges in the Piece.

Claims use since July 1, 1924.

Ser. No. 208,419. (CLASS 39. CLOTHING.) PASLOFF BROS. INC., New York, N. Y. Filed Jan. 21, 1925.



The word "Hat" and the pictorial representation of the hat appearing on the drawing as well as the words "New York" are disclaimed. The picture is fanciful.

Particular description of goods.—Ladies' Hats.

Claims use since December, 1924.

Ser. No. 208,847. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) EXCELSIOR CYCLE COMPANY, Chicago, Ill., and Michigan City, Ind. Filed Jan. 30, 1925.

Champion

Particular description of goods.—Bicycles.
Claims use since Oct. 10, 1924.

Ser. No. 212,154. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDITH SCHULTZ, Chicago, Ill. Filed Apr. 3, 1926.

MITZI'S CHARM

Particular description of goods.—Face Powders, Face Creams, Toilet Waters, Rouges, Lip Sticks, Eyebrow Pencils, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, and Sachets.
Claims use since Sept. 1, 1922.

Ser. No. 215,077. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MACKIE PINE OIL SPECIALTY CO., INC., Covington, La. Filed May 29, 1925.

MACKIE'S Pine O Skeet TRADE MARK

No claim is made to the words "Trade Mark" apart from the mark shown.
Particular description of goods.—An Insect Destroyer.
Claims use since Jan. 1, 1924.

Ser. No. 216,238. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) E. M. TODD CO., Richmond, Va. Filed June 22, 1925. Under section 5b of the act of 1905 as amended in 1920.

TODD'S OLD VIRGINIA

Particular description of goods.—Bacon.
Claims use since June, 1923.

Ser. No. 225,214. (CLASS 20. LINOLEUM AND OILED CLOTH.) CHARLES ZIMMERMAN, doing business as Charles Zimmerman Co., New York, N. Y. Filed Dec. 26, 1925.

LIN-O-LIN

The words "Lasts Longer" and the representation of the goods are both disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Felt-Base Floor Coverings.
Claims use since Oct. 15, 1925.

Ser. No. 225,405. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE J. B. FORD COMPANY, Wyandotte, Mich. Filed Jan. 2, 1926.



WYANDOTTE

Particular description of goods.—Soda Ash; Commercial Industrial, Modified and Special Forms of Soda Ash and Compounds Thereof; White Ash, Textile White Ash, Tanner's Soda, Modified Tanner's Soda, Textile and Tanner's Soda, Concentrated Soda Ash, Modified Soda Ash for Prevention of Sap Stain in Lumber, Causticized Soda Ash and Caustic-Soda-Ash Compounds, Alkali, Canner's Alkali, Flake Canner's Alkali; Industrial, Special, and Modified Forms of Alkali and Compounds Thereof.
Claims use since Jan. 1, 1906.

Ser. No. 226,571. (CLASS 39. CLOTHING.) THE STANDARD CORSET COMPANY, New York, N. Y. Filed Jan. 28, 1926.

ENVIE

Particular description of goods.—Combination Garments for Ladies' Underwear of Textile Fabric, Girdles, Corselets, Corset Waists, Brassières, and Bandeaux.
Claims use since Nov. 12, 1925.

Ser. No. 226,641. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE DIRIGOLD CORPORATION, Minneapolis, Minn. Filed Jan. 30, 1926.

Dirigold

Particular description of goods.—Gravy Ladles, Cake Ladles, Tea Strainers, Napkin Rings, Egg Cups, Wine Cups, Sugar Sifters, Punch Ladles, Plates, Bowls, Dishes, Goblets, Vases, Name Plates for Coats, and Nut Trays Manufactured from Alco Bronze.
Claims use since January, 1924.

Ser. No. 226,643. (CLASS 12. CONSTRUCTION MATERIALS.) JOHN J. FLANNERY, New York, N. Y. Filed Jan. 30, 1926.

KENTUCKY ROCK KENROK STANDARD ASPHALT

The words "Kentucky Rock Standard Asphalt" are disclaimed apart from the mark shown.
Particular description of goods.—Asphalt.
Claims use since Aug. 15, 1925.

Ser. No. 226,774. (CLASS 39. CLOTHING.) KAYATA BROTHERS, Philadelphia, Pa. Filed Feb. 2, 1926.

KAYATY

Particular description of goods.—Negligees.
Claims use since November, 1921.

Ser. No. 227,521. (CLASS 39. CLOTHING.) EMMET A. JONES, Atlanta, Ga. Filed Feb. 19, 1926.

MOTOKOTE

Applicant disclaims any exclusive right to the word "Kote" apart from the mark shown on the drawing.
Particular description of goods.—Overcoats for Men and Women.
Claims use since about Dec. 1, 1925.

Ser. No. 228,259. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORFOLK CEREAL AND FLOUR MILLS COMPANY, Norfolk, Nebr. Filed Mar. 6, 1926.

NORCO

Particular description of goods.—Wheat Flour, Wheat Shorts, Wheat Bran, Wheat Cereal Breakfast Food, and Poultry Foods—Namely, Chick Starter Feed, Growing Scratch Feed, Chick Scratch Feed, Laying Scratch Feed, Growing Mash, and Egg Mash.
Claims use since Feb. 1, 1926.

Ser. No. 228,653. CLASS 23. CUTLERY, MACHINERY AND TOOLS, AND PARTS THEREOF.) INDESTRO MFG. CO., Chicago, Ill. Filed Mar. 15, 1926.

INDESTRO

Particular description of goods.—Nut-Wrench Sets, Socket-Wrench Sets, Ratchet-Handle Wrenches, Nut and Tap Wrenches, Socket Wrenches, Sockets and Handles for Socket Wrenches, Universal Joints for Socket Wrenches, Adapters for Socket Wrenches, Braces for Motors of Automobiles, Lifters for Valves of Automobile Motors, Automobile Lifting Jacks, Screw Drivers, Bottle Openers, Corkscrews, Bottle Cappers, and Can Openers.
Claims use since Jan. 20, 1921.

Ser. No. 228,976. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE COLES COMPANY, Middletown, Conn. Filed Mar. 22, 1926.



Particular description of goods.—Stock and Poultry Feeds.
Claims use since October, 1924.

Ser. No. 229,309. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH MESSINA, Brooklyn, N. Y. Filed Mar. 30, 1926.

PELO MOLLO

Particular description of goods.—Hairdressing.
Claims use since June 1, 1925.

Ser. No. 229,476. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHAS. A. STEVENS & BROS., Chicago, Ill. Filed Mar. 31, 1926.

DEL MAR

Particular description of goods.—Toilet Preparations, Particularly Vegetable Bleach Pack, a Bleach for Freckles and Tan; Muscle Oil, Eye Lotion, Cleansing Cream, Jelly Brilliantine, Liquid Brilliantine, Permanent-Wave Oil, Almond Skin Cream, Bleach Cream, Base for Face Powder, Tissue Cream, Orange Fleur Skin Tonic, Astringent, Skin Emollient, Eau de Waver, a Preparation Used as a Dressing for the Hair.
Claims use since Jan. 18, 1926.

Ser. No. 229,541. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE COLES COMPANY, Middletown, Conn. Filed Apr. 2, 1926.

FORTUNE FEEDS FULFILL

No exclusive right is claimed by applicant to the word "Feeds" apart from the mark as shown on the drawing.
Particular description of goods.—Stock and Poultry Feeds.
Claims use since October, 1924.

Ser. No. 229,808. (CLASS 25. LOCKS AND SAFES.) MURPHY DOOR BED COMPANY OF CHICAGO, Chicago, Ill. Filed Apr. 7, 1926.



Applicant disclaims exclusive right to the use of the words "The Murphy Wall Safe" and the pictorial representation of a safe apart from the mark shown.
Particular description of goods.—Wall Safe.
Claims use since Oct. 15, 1925.

Ser. No. 230,774. (CLASS 39. CLOTHING.) THE STEIN-BLOCH CO., Rochester, N. Y. Filed Apr. 26, 1926.

SUPER-SERVICE

For the purpose of this application applicant makes no claim to the right and exclusive use of the word "Service" apart from the mark as shown.
Particular description of goods.—Men's Sack Coats and Men's Overcoats.
Claims use since Mar. 1, 1926.

Ser. No. 231,416. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) UDYLITE PROCESS COMPANY, Kokomo, Ind. Filed May 10, 1926.

UDYLITE

Particular description of goods.—Materials for Cadmium Plating, Including Stick Cadmium, Electrolytes, Salts Therefor, Addition Agents Therefor, Test-Set Solutions, and Block Cadmium Having a Stud Fastened Therein.
Claims use since Nov. 19, 1919.

Ser. No. 231,750. (CLASS 39. CLOTHING.) D. M. OBERMAN MFG. CO., Jefferson City, Mo., and New York, N. Y. Filed May 17, 1926.

Oberman

The mark is a facsimile signature of D. M. Oberman, a member of the firm.
Particular description of goods.—Men's Work Shirts, Flannel Shirts, Lumberjack Shirts, Suits, Pants, Norfolk Coats, and Overalls.
Claims use since January, 1923.

Ser. No. 231,903. (CLASS 38. PRINTS AND PUBLICATIONS.) THE CHICAGO BRIDGE & IRON WORKS, Chicago, Ill. Filed May 20, 1926.

WATER TOWER

Particular description of goods.—Periodicals Published Monthly.
Claims use since Sept. 1, 1914.

Ser. No. 233,892. (CLASS 39. CLOTHING.) NOR EQUL TEXTILE MILLS, INC., Reading, Pa. Filed June 29, 1926.

Princess Royal
Full-Fashioned

No claim is made to the words "Full-Fashioned" apart from the mark shown.
Particular description of goods.—Women's Knitted Silk Underwear.
Claims use since May 1, 1926.

Ser. No. 233,904. (CLASS 37. PAPER AND STATIONERY.) AMERICAN REGISTER COMPANY, Boston, Mass. Filed June 30, 1926.

ECONOWAY

Particular description of goods.—Continuous Rolled and Folded Printed Paper Commercially Designated Continuous Printing for Use With Manifolding Devices.
Claims use since May 11, 1925.

Ser. No. 234,604. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) YOUNGS RUBBER CORPORATION, INC., doing business as Parfumere Paulette, New York, N. Y. Filed July 15, 1926.

TREXCENE

Particular description of goods.—Medicinal Preparations for the Treatment of Amenorrhea.
Claims use since December, 1916.

Ser. No. 234,606. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) YOUNGS RUBBER CORPORATION, INC., New York, N. Y. Filed July 15, 1926.

PAULETTE'S

Particular description of goods.—Medicinal Preparations for the Treatment of Amenorrhea.
Claims use since December, 1916.

Ser. No. 234,718. (CLASS 39. CLOTHING.) MAISON JENNY, SOCIÉTÉ ANONYME, Paris, France. Filed July 19, 1926.

JENNY

Particular description of goods.—Women's Tailor-Made Suits of Wool or of Silk, Embroidered or Not; Dresses Made of Wool, Silk, Linen, or Lace, Embroidered or Not; Mantles Made of Wool or Silk, Embroidered or Not; Fur-Trimmed Mantles, Fur Mantles and Jackets; Blouses Made of Silk, Linen, or Lace, Embroidered or Not; Women's Underwear of Textile Fabric Made of Silk or Thread—Namely, Chemises, Night Shirts or Dresses, Drawers, Combinations, Made of Silk or of Thread.
Claims use since Apr. 1, 1926.

Ser. No. 234,731. (CLASS 45. BEVERAGES, NONALCOHOLIC.) PEACOCK ALE CO., Chicago, Ill. Filed July 19, 1926.

Peacock

Particular description of goods.—Ginger Ale, Carbonated Water, and Root Beer.
Claims use since Mar. 1, 1925.

Ser. No. 234,789. (CLASS 32. FURNITURE AND UPHOLSTERY.) MONTAUK BED CO. INC., Brooklyn, N. Y. Filed July 20, 1926.



Particular description of goods.—Beds, Cots, Couches, and Cribs.
Claims use since Apr. 29, 1926.

Ser. No. 235,643. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GANTT MANUFACTURING COMPANY, Macon, Ga. Filed Aug. 6, 1926. Under 10-year proviso.

GANTT

Particular description of goods.—Cotton Planters, Guano Distributors, Grain and Fertilizer Drills, Plows, Cultivators, Harrows, and Stalk Cutters.
Claims use since July 1, 1886.

Ser. No. 235,967. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARY E. MOORE, Boston, Mass. Filed Aug. 14, 1926.

The Mary E. Moore Manufacturing Co.



The portrait is the photograph of applicant. The trade name, "The Mary E. Moore Manufacturing Co." is disclaimed apart from the mark shown.
Particular description of goods.—Hair Grower, a Preparation for Imparting Gloss to the Hair; Shampoo, Tetter Salve, Cold Cream, and Face Powders.
Claims use since Oct. 15, 1915.

Ser. No. 236,152. (CLASS 39. CLOTHING.) BLANCH ALONSO, doing business as Supreme Corset Co., New York, N. Y. Filed Aug. 19, 1926.



No claim is made to the descriptive words "Correct Corset" apart from the mark shown on the drawing.
Particular description of goods.—Combination Garments Consisting of Corsets, Brassières, and Sanitary Belts.
Claims use since Aug. 1, 1926.

Ser. No. 236,911. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) R. E. COTTER COMPANY, San Francisco, Calif. Filed Sept. 7, 1926.

Seaprize

Particular description of goods.—Canned Fish.
Claims use since Feb. 10, 1926.

Ser. No. 236,922. (CLASS 39. CLOTHING.) C. J. FARLEY & Co., Grand Rapids, Mich. Filed Sept. 7, 1926.

WOLVERINE

Particular description of goods.—Ladies' Textile Vests, Nightgowns, Textile Chemises, Camisoles, Bath Robes, Dresses, Aprons, Blouses, Boudoir Caps, Petticoats, Textile Bloomers, and Raincoats; Misses' Textile Vests and Pants, Boys' Wash Suits and Rompers; Boys' and Men's Raincoats, Caps, Dress Shirts, Nightshirts, Overalls, Pyjamas; Children's Sleeping Garments Made of Outing Flannel or Shaker Flannel, Dresses, Textile Bloomers, and Textile Waist and Shirt Combinations.
Claims use since September, 1919.

Ser. No. 236,979. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ZUCKERMAN BROTHERS, Stockton, Calif. Filed Sept. 7, 1926.



No claim is made to the exclusive use of the words "Fancy Potatoes" or the words "Grown by" or "Stockton, Cal." apart from the other features of the mark.
Particular description of goods.—Potatoes in Their Natural State.
Claims use since on or about Aug. 4, 1926.

Ser. No. 237,180. (CLASS 39. CLOTHING.) MARTINS-BIRMINGHAM LIMITED, Birmingham, England. Filed Sept. 13, 1926. Under 10-year proviso.

MARTIN

Applicant owns registration No. 118,425.
Particular description of goods.—Waist Belts, Suspenders, Garters, and Braces, All for Personal Wear.
Claims use since October, 1889.

Ser. No. 237,227. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) ELECTRIC PRODUCTION APPLIANCE CORP., New York, N. Y. Filed Sept. 14, 1926.

ELECTRECORDER

Particular description of goods.—Control Apparatus for Adjacent and Remote Automatic Production Machinery and Comprising Mechanism for Measuring and Indicating Departures from Cycle Speed, Elapsed Productive and Nonproductive Periods, Output Operation, Speed and Other Factors of Such Machinery
Claims use since Aug. 28, 1926

Ser. No. 237,295. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) ARTHUR C. TAYLOR, doing business as Taylor Products Company, Detroit, Mich. Filed Sept. 15, 1926.



No claim is made to the words "Barley Malt" apart from the mark shown in the drawing.
Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since September, 1923.

Ser. No. 237,296. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) ARTHUR C. TAYLOR, doing business as Taylor Products Company, Detroit, Mich. Filed Sept. 15, 1926.



No claim is made to the words "Barley Malt" apart from the mark as shown in the drawing.
Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since November, 1922.

Ser. No. 237,494. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GUY L. CUNNINGHAM, Los Angeles, Calif. Filed Sept. 21, 1926.



Particular description of goods.—Automobile Oil Pumps, Battery Connecter Drills, and Automobile Band Adjusters.
Claims use since June 10, 1926.

Ser. No. 237,684. (CLASS 2. RECEPTACLES.) NATIONAL METAL EDGE BOX COMPANY, Philadelphia, Pa. Filed Sept. 24, 1926.

"FOILUSTRE"

Particular description of goods.—Folding Boxes of Fibrous Material, As Cardboard.
Claims use since on or about Aug. 31, 1926.

Ser. No. 237,726. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DOMENICO A. COVIELLO, doing business as Coviello Chemical Co., Wilmington, Del. Filed Sept. 25, 1926.

COVEILLO



The portrait shown is that of applicant.
Particular description of goods.—Salve for Bronchitis.
Claims use since Aug. 15, 1926.

Ser. No. 237,775. (CLASS 45. BEVERAGES, NONALCOHOLIC.) BOWER'S, INC., Chicago, Ill. Filed Sept. 27, 1926.

DOUBLE DUTY

Particular description of goods.—A Nonalcoholic, Maltless Chocolate Sirup Used in the Preparation of Soft Drinks.
Claims use since July 1, 1926.

Ser. No. 237,934. (CLASS 12. CONSTRUCTION MATERIALS.) UNIVERSAL PORTLAND CEMENT CO., Chicago, Ill. Filed Sept. 29, 1926.



Particular description of goods.—Portland Cement.
Claims use since Sept. 15, 1926.

Ser. No. 238,069. (CLASS 39. CLOTHING.) NON EQUL TEXTILE MILLS, INC., Reading, Pa. Filed Oct. 2, 1926.

Princess Royal

Particular description of goods.—Hosiery.
Claims use since Aug. 1, 1926.

Ser. No. 238,133. (CLASS 32. FURNITURE AND UPHOLSTERY.) ONEIDACRAFT, INC., Oneida, N. Y. Filed Oct. 4, 1926.

ONEIDACRAFT

Particular description of goods.—Living-Room Furniture of All Kinds, Including Tables, Chairs, Desks, Cabinets, Davenports, and Taborets; Bedroom Furniture of All Kinds, Including Beds, Both Twin Beds, Three-Quarter Beds, and Double Beds, Dressers, Dressing Tables, Telephone Desks, Benches, Bed Stands, Mirror Frames, Smoking Sets, Writing Desks, Tables, and Chairs; Dining-Room Furniture, Including Dining Tables, Console Tables, Chairs, Buffets, China Cabinets, Tea Tables, and Tea Carts; Office Furniture, Including Desks, Both Flat and Roll Top, Chairs, and Tables; and Card Tables. All Made from Wood.
Claims use since Jan. 1, 1926.

Ser. No. 238,258. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ELCO PAINTS PRODUCTS, INC., New York, N. Y. Filed Oct. 7, 1926.

ELCOVAR

Particular description of goods.—Varnishes.
Claims use since Jan. 1, 1921.

Ser. No. 238,268. (CLASS 39. CLOTHING.) LORD & TAYLOR, New York, N. Y. Filed Oct. 7, 1926.



Particular description of goods.—Hosiery, Shawls, Ruffs, Collars; Underwear of Knitted or Textile Fabric of Cotton, Silk, and Wool and Combinations Thereof; Gloves of Leather; Men's Suits, Trousers, Vests, Coats, Overcoats, Neckties; Dress, Negligee, and Work Shirts of Linen, Cotton, and Silk, Coats of Fur, or Trimmed with Fur, Sweaters; Women's Dresses, Capes, Coats, Suits, Blouses, Skirts, Jackets, Hats, Neckwear Consisting of Fichus, Guimpes, Jabots, Stoles, Shoes of Leather, Cloth, and Rubber and Combinations Thereof.
Claims use since on or about 1874.

Ser. No. 238,269. (CLASS 39. CLOTHING.) LORD & TAYLOR, New York, N. Y. Filed Oct. 7, 1926.



Particular description of goods.—Hosiery, Shawls, Ruffs, Collars; Underwear of Knitted or Textile Fabric of Cotton, Silk, and Wool and Combinations Thereof; Gloves of Leather; Men's Suits, Trousers, Vests, Coats, Overcoats, Neckties; Dress, Negligee, and Work Shirts of Linen, Cotton, and Silk, Coats of Fur, or Trimmed with Fur, Sweaters; Women's Dresses, Capes, Coats, Suits, Blouses, Skirts, Jackets, Hats, Neckwear Consisting of Fichus, Guimpes, Jabots, Stoles, Shoes of Leather, Cloth, and Rubber and Combinations Thereof.
Claims use since on or about 1874.

Ser. No. 238,311. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) ELYSEE DELIVERY DE LUXE CORPORATION, New York, N. Y. Filed Oct. 8, 1926.

Elysée

Particular description of goods.—Automobiles and Constructive Parts Thereof.
Claims use since Sept. 19, 1926.

Ser. No. 238,643. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE DREWRYS LIMITED, Winnipeg, Manitoba, Canada. Filed Oct. 15, 1926.

Golden Key Brand

No claim is made for the word "Brand" other than is shown in the drawing.
Particular description of goods.—Nonalcoholic, Malt-less Beverages Sold as Soft Drinks.
Claims use since July, 1894.

Ser. No. 238,908. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHAS. H. JANDT PACKING CO., Los Angeles, Calif. Filed Oct. 20, 1926.

SCARLET COQUET

Particular description of goods.—Fresh Vegetables, Fresh Cantaloupes, and Fresh Deciduous Fruits.
Claims use since Sept. 3, 1926.

Ser. No. 239,315. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARFYMERI F. PAULI A/B, Stockholm, Sweden. Filed Oct. 27, 1926.

AZYMOL

Particular description of goods.—Antiseptic Toilet Preparations—Namely, Mouth Wash, Tooth Powder, Tooth Paste, Hair Tonic, and Pomades.
Claims use since 1898.

Ser. No. 239,427. (CLASS 2. RECEPTACLES.) THE REPUBLIC METALWARE CO., Buffalo, N. Y. Filed Oct. 29, 1926.

SAVORY

Particular description of goods.—Oil Cans, Creamery Pails, Milk or Dairy Pails, Butter Pails, Bond or Bankers' Boxes, Cash Boxes, Strainer Pails, Milk Kettles, Sprinkling Pots, Well Buckets, Gasoline Cans, Waste Cans, Fire Pails, Baskets, Cement or Contractors' Pails, Sirup Cans, Sap Pails, Oil or Gasoline Tanks, All Made of Base Metal.
Claims use since Aug. 26, 1926.

Ser. No. 239,428. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE REPUBLIC METALWARE CO., Buffalo, N. Y. Filed Oct. 29, 1926.

SAVORY

Particular description of goods.—Pot-Cover-Display Racks, Foot Baths, Dish Pans, Rinsing Pans, Dipper Bowls, Sink Strainers, Children's Plunge Baths, Bouquet Holders, Tea Trays, Ash-Can Covers, Faucets for Oil Cans, Stove Boards, Dripping Pans, Round Griddles, Torpedo-Can Ears, Kettle Ears, Boiler-Cover Handles, Refrigerator Pans, Dredges; Flour, Salt, and Pepper Dredge Boxes; and Marking Pots, All of Base Metal.
Claims use since Apr. 1, 1922, on pot-cover-display racks and sink strainers, and on the remaining goods since Aug. 26, 1926.

Ser. No. 239,605. (CLASS 37. PAPER AND STATIONERY.) TAX DIGEST, INC., Boston, Mass. Filed Nov. 2, 1926.

FINANSOGRAPH

Particular description of goods.—Blank Forms to be Used in Connection with a Loose-Leaf System for Keeping Income-Tax Records.
Claims use since about Sept. 10, 1926.

Ser. No. 239,731. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE ACCURALITE COMPANY, Muskegon, Mich. Filed Nov. 6, 1926.

Accuralloy

Particular description of goods.—Pistons of Aluminum-Alloy Composition for Internal-Combustion Engines for Trucks, Tractors, Passenger Cars, and Aeroplanes.
Claims use since Aug. 1, 1926.

Ser. No. 239,753. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELMER E. JENNISON, Medford, Oreg. Filed Nov. 6, 1926.



EUREKA

Particular description of goods.—Powder for Rendering Explosive Oils Nonexplosive.
Claims use since Nov. 20, 1894.

Ser. No. 239,842. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BETTY ANN CANDY COMPANY, Sidney, Ohio. Filed Nov. 9, 1926.

Betty Ann

Particular description of goods.—Candies.
Claims use since Sept. 10, 1924.

Ser. No. 239,845. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) CONTINENTAL TRUNK & BAG CO., El Paso, Tex. Filed Nov. 9, 1926.

Travelsafe

Particular description of goods.—Trunks, Auto Trunks and Auto Cases, Brief Cases, Hatboxes (Unfitted), and Men's and Women's Suitcases, Bellows Cases, Hand Bags, Kit Bags, Gladstone Cases, Fitted Cases and Fitted Hatboxes, Purses, and Vanities.
Claims use since 1922.

Ser. No. 240,088. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PACIFIC NORTHWEST CANNING COMPANY, Puyallup, Wash. Filed Nov. 15, 1926.

Skookum

Particular description of goods.—Jams, Jellies, Fruit Butters, Canned Fruits, and Canned Vegetables.
Claims use since July 15, 1913.

Ser. No. 240,220. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE SHOE FORM CO., INC., Auburn, N. Y. Filed Nov. 17, 1926.



No registration rights are claimed for the word "Lasts" apart from the mark shown in the drawing.
Particular description of goods.—Shoe Forms.
Claims use since Oct. 18, 1926.

Ser. No. 240,239. (CLASS 39. CLOTHING.) BOBBY HOOD CO. INC., New York, N. Y. Filed Nov. 18, 1926.



Particular description of goods.—Ladies' Hats.
Claims use since Nov. 15, 1926.

Ser. No. 240,267. (CLASS 39. CLOTHING.) L. KUPFERMAN & Co., New York, N. Y. Filed Nov. 18, 1926.

999
Serges
ALL WOOL

No claim is made to the words "Serges" and "Perfection" nor to the words "All Wool" apart from the mark shown in the drawing.
Particular description of goods.—Men's and Boys' Suits.
Claims use since Aug. 30, 1926.

Ser. No. 240,432. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) NATIONAL SAWDUST CO., INC., Brooklyn, N. Y. Filed Nov. 22, 1926.

SQUARE
SKUT

Particular description of goods.—Sawdust and Shavings.
Claims use since Sept. 29, 1926.

Ser. No. 240,434. (CLASS 45. BEVERAGES, NONALCOHOLIC.) NATURAL DRY GINGER ALE CORP., Rochester, N. Y. Filed Nov. 22, 1926.

NATURE CONTRIBUTES WE DISTRIBUTE

NATURAL DRY
GINGER ALE

The words "Nature Contributes, We Distribute, Dry Ginger Ale" are hereby disclaimed.
Particular description of goods.—Ginger Ale.
Claims use since April, 1926.

Ser. No. 240,520. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ALPHONSE J. C. BERNARD, San Francisco, Calif. Filed Nov. 24, 1926.

I. X. L.

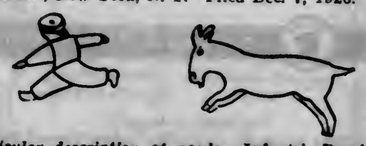
"I-X-L."
Particular description of goods.—Electromagnetic Therapeutical Coils.
Claims use since Nov. 15, 1926.

Ser. No. 240,634. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VAN VLEET-MANSFIELD DRUG CO., Memphis, Tenn. Filed Nov. 20, 1926.



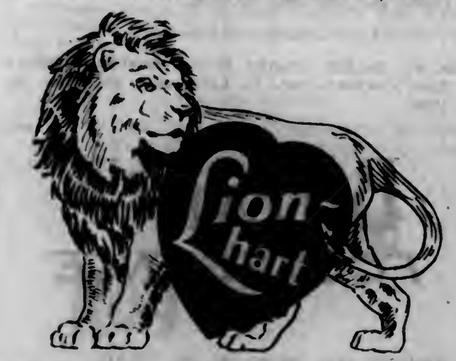
No claim is made to the printed matter appearing on the drawing, including the word "Quinidine," apart from the mark shown thereon.
Particular description of goods.—Medicinal Preparation for Use as a Laxative and Recommended for Treatment of Colds, La Grippe, and Headache.
Claims use since Feb. 16, 1919.

Ser. No. 241,079. (CLASS 39. CLOTHING.) ADOLPH A. BEZOZI, New York, N. Y. Filed Dec. 7, 1926.



Particular description of goods.—Infants', Boys', and Girls' Headwear—Namely, Hats, Caps, and Bonnets Made of Knitted and Textile Fabric.
Claims use since Sept. 1, 1924.

Ser. No. 241,100. (CLASS 39. CLOTHING.) THE HART COMPANY, Los Angeles, Calif. Filed Dec. 7, 1926.



Particular description of goods.—Men's Clothing—Namely, Pants, Vests, Coats, and Suits.
Claims use since Oct. 1, 1926.

Ser. No. 241,247. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BENJAMIN F. SPROAT, doing business as Sproat's Drug Store, Chillicothe, Ohio. Filed Dec. 9, 1926.

3003

Particular description of goods.—Cough Mixture.
Claims use since Mar. 15, 1885.

Ser. No. 241,295. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OLD TIME MINCE MEAT CORPORATION, Syracuse, N. Y. Filed Dec. 10, 1926.

OLD TIME

Particular description of goods.—Mincemeat.
Claims use since 1912.

Ser. No. 241,498. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) RHEINISCHE METALLWAAREN- UND MASCHINENFABRIK, Dusseldorf-Derendorf, Germany. Filed Dec. 14, 1926.

„Duo“

"Duo."
Particular description of goods.—Typewriting Machines and Parts Thereof.
Claims use since about Mar. 29, 1926.

Ser. No. 241,500. (CLASS 39. CLOTHING.) CHARLES SALOMON & Co. INC., New York, N. Y. Filed Dec. 14, 1926.

Black Bottom

Particular description of goods.—Ladies' and Misses' Dresses.
Claims use since about Dec. 1, 1926.

Ser. No. 241,568. (CLASS 39. CLOTHING.) THE FLORSHEIM SHOE COMPANY, Chicago, Ill. Filed Dec. 16, 1926.



No claim is made to the word "Shoe" apart from the mark as shown.
Particular description of goods.—Shoes Made of Leather.
Claims use since 1918.

Ser. No. 241,608. (CLASS 39. CLOTHING.) DORÉ & FILS, Fontaine-les-Gres, France. Filed Dec. 17, 1926.

D D

The trade-mark consists of the initials "D. D."
Particular description of goods.—Knitted Wear—Namely, Hosiery, Underwear, Gloves, Hats, and Caps for Men, Women, or Children; Scarfs, Vests, Sweaters, Dresses, Shawls, Spats, Neckties, and Leggings.
Claims use since Apr. 14, 1881.

Ser. No. 241,642. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) STREET & KENT MFG. COMPANY, Chicago, Ill. Filed Dec. 17, 1926.

"NowoB"

Particular description of goods.—Shampooing Fixtures, Valves, Cocks, and Plumbing Couplings.
Claims use since Jan. 4, 1925.

Ser. No. 241,657. (CLASS 10. FERTILIZERS.) I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-Main and Ludwigshafen-on-Rhine, Germany. Filed Dec. 18, 1926.

Diammonphos

Particular description of goods.—Fertilizers.
Claims use since March, 1926.

Ser. No. 241,658. (CLASS 10. FERTILIZERS.) I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-Main and Ludwigshafen-on-Rhine, Germany. Filed Dec. 18, 1926.



Particular description of goods.—Fertilizers.
Claims use since October, 1921.

Ser. No. 241,659. (CLASS 10. FERTILIZERS.) I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-Main and Ludwigshafen-on-Rhine, Germany. Filed Dec. 18, 1926.

Nitrophoska

Particular description of goods.—Fertilizers.
Claims use since October, 1926.

Ser. No. 241,739. (CLASS 2. RECEPTACLES.) MERIT HARDWARE MANUFACTURING CO., Chicago, Ill. Filed Dec. 20, 1926.

Merco Silver

No claim is made for the word "Silver" apart from the mark as shown.
Particular description of goods.—Caskets Used for Burying the Dead.
Claims use since November, 1925.

Ser. No. 241,784. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. K. MULFORD COMPANY, Philadelphia, Pa. Filed Dec. 21, 1926.



No claim is made to the exclusive use of the word "Super-Concentrated" except as used to indicate the Mulford brand of antitoxins and serums of high potency. No claim is made to the exclusive use of the words "For the Conservation of Life" apart from the mark as shown in the drawing.
Particular description of goods.—Antitoxins and Serums of High Potency.
Claims use since Mar. 20, 1923.

Ser. No. 241,808. (CLASS 39. CLOTHING.) BROWN SHOE COMPANY, INC., St. Louis, Mo. Filed Dec. 22, 1926.

Brown bilt
FOOT SCIENCE

Applicant owns registration No. 157,012.
Particular description of goods.—Shoes Made of Leather, Cloth, Canvas, or Combinations Thereof.
Claims use since Dec. 9, 1926.

Ser. No. 242,046. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DIAMOND COFFEE MILLS, INC., Shreveport, La. Filed Dec. 28, 1926.

SPORT DCM

Particular description of goods.—Coffee.
Claims use since Nov. 1, 1926.

Ser. No. 242,133. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JÜNGER & GEBHARDT AKT.-GES., Berlin, Germany. Filed Dec. 29, 1926.



All wording appearing on the drawing except the name of applicant is disclaimed apart from the mark shown.
Particular description of goods.—Laundry Soap, Toilet Soap, Shaving Soap, Polishing Soap, Soap Powder, and Soap Flakes.
Claims use since Apr. 1, 1914.

Ser. No. 242,159. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) WAITE CARPET CO., Oshkosh, Wis. Filed Dec. 29, 1926.

Royalwaite

Particular description of goods.—Wool Rugs.
Claims use since Sept. 1, 1926.

Ser. No. 242,198. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TSO LAM, doing business as Chinese Canning Company, Chicago, Ill. Filed Dec. 30, 1926.

FAR EAST
BRAND



The word "Brand" is disclaimed apart from the other features of the mark shown in the drawing.
Particular description of goods.—Tow Foo, a Chinese Bean Custard; Canned Bean Sprouts, a Vegetable for Chop Sueys, Soups, and Salads; Chinese Sauce for Meats or Fish; and Combination Molasses for Coloring and Seasoning Purposes.
Claims use since Mar. 1, 1926.

Ser. No. 242,231. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HOYLAND FLOUR MILLS COMPANY, Kansas City, Mo. Filed Dec. 31, 1926.



The lining in the drawing is to indicate color, the concentric circles ranging in shades from a bright yellow center circle through shades of orange, becoming deeper as the outer circle is approached, to a dark-brown background outside the outer circle.
Particular description of goods.—Cereal Breakfast Food.
Claims use since Sept. 30, 1926.

Ser. No. 242,353. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) W. E. RUTHERFORD, doing business as Eu-Must-Rub Laboratory, Santa Rosa, Calif. Filed Jan. 4, 1927.

Eu-Must Rub

No claim is made to the exclusive use of the word "Rub" apart from the mark as shown.

Particular description of goods.—An Ointment for Use in Treatment of Colds, Coughs, Influenza.

Claims use since 1923.

Ser. No. 242,412. (CLASS 39. CLOTHING.) J. CASIN & CO., INC., New York, N. Y. Filed Jan. 6, 1927.

Three-za-Pair

Particular description of goods.—Hosiery.

Claims use since Dec. 28, 1926.

Ser. No. 242,429. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GRASSPHALTE HARD COURTS LIMITED, London, England. Filed Jan. 6, 1927.

GRASSPHALTE

Particular description of goods.—Preparation in the Nature of a Paint for Coloring and Waterproofing Hard Tennis Courts, Paths, and the Like.

Claims use since June 30, 1922.

Ser. No. 242,495. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ODELL COMPANY, INC., Newark, N. J. Filed Jan. 7, 1927.

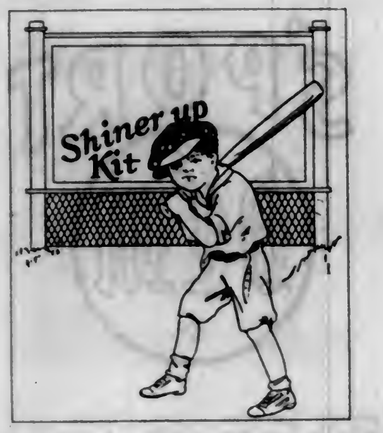


No registration rights are claimed for the words "The Odell Company, Newark, N. J."

Particular description of goods.—Hair Tonic, Hairdressing, and Eau de Quinine.

Claims use since July 31, 1926.

Ser. No. 242,527. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ELSON AND ELSON, Chicago, Ill. Filed Jan. 8, 1927.



No claim is made to the word "Kit" apart from the mark shown.

Particular description of goods.—Polishes for Automobiles, Furniture, and the Like Put Up in a Single Package with a Suitable Cloth, Chamois, or the Like.

Claims use since Apr. 12, 1926.

Ser. No. 242,551. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) WILLIAM G. SCARLETT, doing business as Wm. G. Scarlett & Co., Baltimore, Md. Filed Jan. 8, 1927.

GREENWAY

Particular description of goods.—Lawn and Grass Seed.

Claims use since July 28, 1925.

Ser. No. 242,569. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) THE COCA-COLA COMPANY, Atlanta, Ga. Filed Jan. 10, 1927.



Particular description of goods.—Nonalcoholic, Malt-less Beverages and Sirups for the Manufacture of Such Beverages.

Claims use since Oct. 23, 1926.

Ser. No. 242,570. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DAVID M. CONEY, San Francisco, Calif. Filed Jan. 10, 1927.



Particular description of goods.—Preparation for the Treatment of Postoperative Pain After Tooth Extraction.

Claims use since Aug. 15, 1926.

Ser. No. 242,763. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WRIGHT AERONAUTICAL CORPORATION, Paterson, N. J. Filed Jan. 12, 1927.

WHIRLWIND

Particular description of goods.—Aeronautical Engines.

Claims use since Dec. 7, 1926.

Ser. No. 242,779. (CLASS 39. CLOTHING.) CURLEE CLOTHING COMPANY, St. Louis, Mo. Filed Jan. 13, 1927.

6121

Particular description of goods.—Men's Outer Clothing—Vis, Coats, Vests, Trousers, and Two, Three, and Four Piece Suits.

Claims use since Dec. 20, 1923.

Ser. No. 242,959. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE MURINE COMPANY, INC., Chicago, Ill. Filed Jan. 17, 1927.



Particular description of goods.—Eye Remedies and Eye Salve.

Claims use since February, 1924.

Ser. No. 243,016. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) REX-ZIT PRODUCTS COMPANY, Charleston, W. Va. Filed Jan. 18, 1927.

REX-ZIT

Particular description of goods.—Medicinal Preparation for Use in the Treatment of Catarrh and Other Throat and Nasal Disorders and Asthma.

Claims use since Nov. 1, 1926.

Ser. No. 243,044. (CLASS 39. CLOTHING.) D. FAGAN & SONS, New York, N. Y. Filed Jan. 19, 1927.



The word "Hats" is disclaimed apart from the other features of the mark shown in the drawing.

Particular description of goods.—Matrons', Ladies', and Misses' Mourning Hats, Sport Hats, and Children's Hats.

Claims use since on or about April, 1919.

Ser. No. 243,045. (CLASS 39. CLOTHING.) D. FAGAN & SONS, New York, N. Y. Filed Jan. 19, 1927.

LITTLE MISS RHODA HATS

DFS

Applicant disclaims right to the exclusive use of the word "Hats."

Particular description of goods.—Matrons', Ladies', and Misses' Mourning Hats, Sport Hats, and Children's Hats.

Claims use since on or about April, 1919.

Ser. No. 243,066. (CLASS 39. CLOTHING.) SHIPLEY & VAUX SHOE MFG. CO., Philadelphia, Pa. Filed Jan. 19, 1927.

ARCH GROWER

Particular description of goods.—Shoes Made from Leathers and Satins and Fabrics.

Claims use since Aug. 7, 1925.

Ser. No. 243,144. (CLASS 39. CLOTHING.) DILLON EXPORT & COMMISSION CO., INC., High Point, N. C. Filed Jan. 21, 1927.

BEE LINE

Particular description of goods.—Men's, Ladies', and Children's Hosiery.

Claims use since December, 1926.

Ser. No. 243,166. (CLASS 38. PRINTS AND PUBLICATIONS.) NOWY SWIAT PUBLISHING COMPANY INC., New York, N. Y. Filed Jan. 21, 1927.

Nowy Swiat

THE POLISH MORNING WORLD

Particular description of goods.—Daily Newspaper.

Claims use since Mar. 1, 1919.

Ser. No. 243,213. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE HOWELL COMPANY, INC., New Orleans, La. Filed Jan. 22, 1927.

HI-QUAL

Particular description of goods.—Petroleum Jelly, Insecticide, Olive Oil for Medicinal Purposes, Milk of Magnesia, Castor Oil, Antiseptic, Cordial Cod-Liver Extract, Castoria, Spirits Turpentine, Bluestone, Cream Tartar, Whole Flaxseed, Ground Flaxseed, Epsom Salts, Powdered Borax, Copperas, Powdered Alum, Lump Alum, Saltpeter, Sulphur, Aspirin; Balm for Healing and Soothing in Cases of Colds, Sore Throat, Catarrhal Trouble, and Abrasions of the Skin; Lilac Perfume, Eau de Cologne, Bay Rum, Cold Cream, Pomade, Face Powder, Aromatic Spirits of Ammonia, Asafetida, Tincture Iodine, Blue Mass, Balsam Copaiba, Cochineal Color, Paregoric, Spirit Niter, Essence Anise, Ant Exterminator, Spirits Camphor, and Talc Powder.

Claims use since Jan. 1, 1926.

Ser. No. 243,237. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RALPH W. SNIDER, doing business as Snider Drug Co., Peoria, Ill. Filed Jan. 22, 1927.

WINTER FLUID

No claim is made to the word "Fluid" apart from the mark shown in the drawing.

Particular description of goods.—Skin Lotion.

Claims use since about June 1, 1901.

Ser. No. 243,251. (CLASS 39. CLOTHING.) LOUIS BERGER, doing business as Manhattan Manufacturing Co., New York, N. Y. Filed Jan. 24, 1927.

"STACOOL"

Particular description of goods.—Summer Suits Made of Mohair, Tropical Worsted, and Tropical Twist, and Light-Weight Serges.

Claims use since Oct. 1, 1926.

Ser. No. 243,262. (CLASS 39. CLOTHING.) FRUHAUF & MUSYL, INC., New York, N. Y. Filed Jan. 24, 1927.

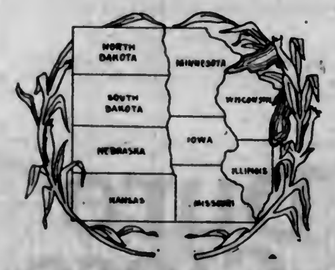
Fru-Syl

Particular description of goods.—Ladies', Misses', and Children's Hats.

Claims use since Dec. 18, 1926.

Ser. No. 243,317. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILL T. MCELROY, doing business as W. T. McElroy Co., Ottumwa, Iowa. Filed Jan. 25, 1927.

MID-WEST



No claim is made to the names of the different States appearing apart from the mark as shown.

Particular description of goods.—A Cereal Known as Corn Flakes.

Claims use since Jan. 13, 1927.

Ser. No. 243,329. (CLASS 39. CLOTHING.) H. I. TOPILOW & CO., New York, N. Y. Filed Jan. 25, 1927.

Peerless Caps

No claim is made to the color orange represented by the lining nor to the descriptive words "Peerless" and "Caps" shown on the drawing. Trade-mark consists of a fanciful picture.

Particular description of goods.—Men's and Boys' Hats and Caps.

Claims use since Dec. 27, 1925.

Ser. No. 243,330. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) W. H. S. LABORATORIES, Seattle, Wash. Filed Jan. 25, 1927.

KRAB-GO

-IT-

GETS 'EM

Particular description of goods.—Specific for Parasites Infesting the Human Hair, Such as are Commonly Known as Crabs and Head Lice.

Claims use since May 21, 1926.

Ser. No. 243,358. (CLASS 38. PRINTS AND PUBLICATIONS.) GLENDALE SHOPPING NEWS, Glendale, Calif. Filed Jan. 26, 1927.

Glendale SHOPPING NEWS

Particular description of goods.—Weekly Newspaper.

Claims use since Oct. 20, 1923.

Ser. No. 243,381. (CLASS 20. LINOLEUM AND OILED CLOTH.) LINCRUSTA-WALTON COMPANY, Hackensack, N. J. Filed Jan. 26, 1927.

TRAVRTILE

Particular description of goods.—Wall Covering Comprising Plastic-Coated Paper in Sheet Form.

Claims use since on or about Jan. 20, 1927.

Ser. No. 243,384. (CLASS 38. PRINTS AND PUBLICATIONS.) HUBERT W. MCGUIRE, doing business as San Diego Shopping News Co., San Diego, Calif. Filed Jan. 26, 1927.

San Diego SHOPPING NEWS

Particular description of goods.—Weekly Newspaper.

Claims use since Aug. 19, 1926.

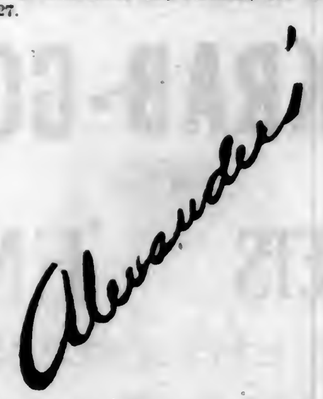
Ser. No. 243,398. (CLASS 37. PAPER AND STATIONERY.) THE TAIT PAPER AND COLOR INDUSTRIES, INC., Glens Falls, N. Y. Filed Jan. 26, 1927.

OPAL-ART

Particular description of goods.—Wall Paper.

Claims use since on or about July 19, 1926.

Ser. No. 243,407. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE G. F. ALEXANDER CO., Portland, Me. Filed Jan. 27, 1927.

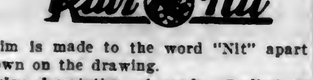


The name appears as it is written in the signature of George F. Alexander.

Particular description of goods.—Preparation for the Treatment of Asthma and Hay Fever.

Claims use since Jan. 31, 1901.

Ser. No. 243,458. (CLASS 39. CLOTHING.) RUBIN BLOUSE & DRESS COMPANY, New York, N. Y. Filed Jan. 27, 1927.



No claim is made to the word "Nit" apart from the mark shown on the drawing.

Particular description of goods.—Ladies' Blouses and Dresses.

Claims use since Jan. 4, 1927.

Ser. No. 243,546. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) SAUL HANKOW, doing business as Barbeez Laboratories, Baltimore, Md. Filed Jan. 29, 1927.

Barbeez

(Barb-Ease)

Particular description of goods.—Pastelike Preparation to be Used as a Beard Softener Before Shaving.

Claims use since July 1, 1926.

Ser. No. 243,562. (CLASS 39. CLOTHING.) L. SAMTER & SONS, San Francisco, Calif. Filed Jan. 29, 1927.



No claim is made to the exclusive use of the words "Santer" and "Cravats" apart from the other features of the mark.

Particular description of goods.—Men's, Boys' and Women's Ties and Cravats.

Claims use since about Jan. 8, 1927.

Ser. No. 243,569. (CLASS 39. CLOTHING.) WILLIAM M. WALLACE, Chicago, Ill. Filed Jan. 29, 1927.



The words "Tailor Made" are not claimed apart from the mark shown on the drawing.

Particular description of goods.—Men's Dress and Negligee Shirts.

Claims use since Feb. 5, 1918.

Ser. No. 243,586. (CLASS 39. CLOTHING.) CHICAGO MAIL ORDER COMPANY, Chicago, Ill. Filed Jan. 31, 1927.

"Quick Maid"

Particular description of goods.—Women's, Misses', and Children's Dresses.

Claims use since Nov. 15, 1924.

Ser. No. 243,603. (CLASS 39. CLOTHING.) J. C. HAARTZ COMPANY, New Haven, Conn. Filed Jan. 31, 1927.



No claim is made to the word "Gloss" apart from the mark shown.

Particular description of goods.—Raincoats.

Claims use since Jan. 17, 1927.

Ser. No. 243,613. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE LOURAY COMPANY, Grand Rapids, Mich. Filed Jan. 31, 1927.

Lou'ray

Particular description of goods.—Toilet Preparations—Namely, Bath Salts and Incense.

Claims use since Mar. 1, 1925.

Ser. No. 243,626. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAMUEL J. RUSSELL, doing business as Chlor-Vis Chemical Co., Chicago, Ill. Filed Jan. 31, 1927.



Particular description of goods.—Germicidal Preparation Having Stimulating, Hemostatic, and Deodorant Properties.

Claims use since Feb. 1, 1925.

Ser. No. 243,678. (CLASS 39. CLOTHING.) ADVANCE NECKWEAR CO., New York, N. Y. Filed Feb. 2, 1927.



No claim is made to the representation of the goods apart from the mark shown on the drawing. No claim is made to the words "Bow Tie" apart from the mark shown.

Particular description of goods.—Bow Ties.

Claims use since Jan. 10, 1927.

Ser. No. 243,691. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) DIAMOND OIL & PAINT CO., Scranton, Pa. Filed Feb. 2, 1927.

DRAGON

Particular description of goods.—Ready-Mixed Paints, Varnishes, Paint Enamels, and Varnish Stains.

Claims use since 1915.

Ser. No. 243,696. (CLASS 39. CLOTHING.) FINCHLEY INC., New York, N. Y. Filed Feb. 2, 1927.



Applicant owns registration No. 222,605.

Particular description of goods.—Men's Hats and Caps.

Claims use since about Sept. 1, 1926.

Ser. No. 243,707. (CLASS 39. CLOTHING.) J. KLEINMAN SONS & FRIEDLANDER INC., New York, N. Y. Filed Feb. 2, 1927.



No claim is made to the word "Clothes" apart from the mark shown. The lining is for shading purposes only.

Particular description of goods.—Young Men's and Boys' Suits, Coats, Trousers, and Overcoats.

Claims use since Jan. 24, 1927.

Ser. No. 243,775. (CLASS 12. CONSTRUCTION MATERIALS.) PETOSKEY PORTLAND CEMENT CO., Petoskey, Mich. Filed Feb. 3, 1927.



The geographical words "Petoskey, Mich." are not claimed apart from the other features of the mark.

Particular description of goods.—Cement.

Claims use since June 15, 1924.

Ser. No. 243,801. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) HENRY A. ENRICH, doing business as Henry A. Enrich & Co., New York, N. Y. Filed Feb. 4, 1927.



Particular description of goods.—Ribbon Novelties Comprising Ribbon Cocardes and Garter Sets, Said Garter Sets Consisting of a Pair of Garters, Handkerchief, Boutonnier, Vanity Case, Party Bag, and Shoe-Trees, Respectively.
Claims use since Jan. 3, 1927.

Ser. No. 243,814. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) KILSOOT CHEMICAL CO., Portland, Me. Filed Feb. 4, 1927.

KilSoot

Particular description of goods.—A Soot Cleaner for Pipes, Boilers, Chimneys, and the Like.
Claims use since Dec. 15, 1926.

Ser. No. 243,822. (CLASS 38. PRINTS AND PUBLICATIONS.) NEW YORK EVENING POST INC., New York, N. Y. Filed Feb. 4, 1927.

Once Overs

Particular description of goods.—Title for Cartoons in Newspaper Publications.
Claims use since Jan. 3, 1927.

Ser. No. 243,831. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) E. T. SMITH COMPANY, Worcester, Mass. Filed Feb. 4, 1927.

SUMMER BRIDGE

Particular description of goods.—Canned Goods—Namely, Fruits, Vegetables, Shellfish, Tomatoes, Beets, Squash, String Beans, Corn, Succotash, Peas, Raspberries, Peaches, Pears, Evaporated Milk, Clams, Fish, Shrimp, and Lobster.
Claims use since January, 1900.

Ser. No. 243,832. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) CHARLES A. SULLIVAN, San Francisco, Calif. Filed Feb. 4, 1927.



Particular description of goods.—Liquid Polish for Pianos, Furniture, and Automobiles.
Claims use since Dec. 15, 1926.

Ser. No. 243,838. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE AMERICAN CELLULOSE & CHEMICAL MANUFACTURING COMPANY, LTD., New York, N. Y. Filed Feb. 5, 1927.

CELANESE NINON

No claim is made herein to the exclusive use of the word "Ninon" as a trade-mark apart from the trade-mark shown in the drawing.
Particular description of goods.—Woven, Knitted, Netted, and Textile Fabrics in the Piece Made Wholly or Partially of Cellulose Derivatives.
Claims use since about July 9, 1926.

Ser. No. 243,845. (CLASS 2. RECEPTACLES.) R. BROWNSON & COMPANY, Hastings, Minn. Filed Feb. 5, 1927.



The representation of the goods and all wording upon the mark with the exception of the word "Jumbo" are disclaimed apart from the mark shown.
Particular description of goods.—Paper Shopping Bags.
Claims use since on or about Dec. 10, 1926.

Ser. No. 243,847. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CLARENCE H. CLARK, doing business as ZuDent Chemical Company, San Francisco, Calif. Filed Feb. 5, 1927.

ZuDoRé

Particular description of goods.—Compound in Powder Form for Use as an Antiseptic.
Claims use since Jan. 20, 1927.

Ser. No. 243,848. (CLASS 39. CLOTHING.) JUSTUS COLLINS, Charleston, W. Va. Filed Feb. 5, 1927.

MIRACLE

I make no claim to the symbol shown with my trade-mark "Miracle."
Particular description of goods.—Garters.
Claims use since Nov. 9, 1926.

Ser. No. 243,866. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ROBERT J. MAGEE, Chicago, Ill. Filed Feb. 5, 1927.

TRIPLE EX

Particular description of goods.—Washing Powder and Soap Powder.
Claims use since Sept. 15, 1926.

Ser. No. 243,867. (CLASS 39. CLOTHING.) MALITO BROS. INC., New York, N. Y. Filed Feb. 5, 1927.

TRI-SETTE
The Newest thing for Sports Wear

The slogan "The Newest Thing for Sports Wear" is disclaimed separate and apart from the mark shown on the drawing.
Particular description of goods.—Women's, Misses', and Children's Coats, Suits, and Dresses.
Claims use since Jan. 1, 1926.

Ser. No. 243,890. (CLASS 39. CLOTHING.) SHEAR BROS., New York, N. Y. Filed Feb. 5, 1927.

IRENE JUNIOR FROCKS

"Irene Junior Frocks." No claim is made to the exclusive use of the words "Junior Frocks" apart from the mark as shown in the drawing.
Particular description of goods.—Dresses.
Claims use since about Dec. 15, 1926.

Ser. No. 243,925. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CADMIUM PROCESS COMPANY, Indianapolis, Ind. Filed Feb. 7, 1927.

CADMILITE

Particular description of goods.—Salts for Use in Cadmium Plating.
Claims use since July 1, 1926.

Ser. No. 243,930. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) DENSTEN FELT AND HAIR COMPANY, INC., Philadelphia, Pa. Filed Feb. 7, 1927.

DENAFELT

Particular description of goods.—Floor Coverings Including Hair Rug Cushions, Hair Carpet Lining, and Hair Stair Pads.
Claims use since Dec. 15, 1926.

Ser. No. 243,977. (CLASS 39. CLOTHING.) J. SCHOENEMAN, INCORPORATED, Baltimore, Md. Filed Feb. 7, 1927.

ScotsDale

Particular description of goods.—Coats, Vests, Trousers, Knickerbockers, Topcoats, and Overcoats for Men, Youths, and Boys.
Claims use since July 1, 1926.

Ser. No. 243,995. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) UNA LUCILLE BURKE, doing business as No-No Products Company, Oakland, Calif. Filed Feb. 8, 1927.



The lining on the drawing designates shading only.
Particular description of goods.—Deodorant Toilet Powder.
Claims use since November, 1926.

Ser. No. 244,004. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE EHLENBERGER & COMPANY, INC., New York, N. Y., and Miami, Fla. Filed Feb. 8, 1927.

FLORIDALE

"Floridale."
Particular description of goods.—Eggs.
Claims use since May 13, 1926.

Ser. No. 244,018. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) PETE LUBETICH, Seattle, Wash. Filed Feb. 8, 1927.

PACIFIC

No claim is made to the representation of a fish except in connection with the other features of the mark shown in the drawing.
Particular description of goods.—Fish Bait—Namely, Preserved Salmon Eggs and Preserved Minnows.
Claims use since Feb. 1, 1927.

Ser. No. 244,041. (CLASS 39. CLOTHING.) BEAR BRAND HOSIERY CO., Chicago, Ill. Filed Feb. 9, 1927.

MISS TOKIO

Particular description of goods.—Hosiery.
Claims use since Jan. 22, 1927.

Ser. No. 244,059. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) DEXTER-CARPENTER COAL COMPANY, INCORPORATED, New York, N. Y. Filed Feb. 9, 1927.

CROWN

Particular description of goods.—Coal.
Claims use since December, 1908.

Ser. No. 244,060. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) DEXTER-CARPENTER COAL COMPANY, INCORPORATED, New York, N. Y. Filed Feb. 9, 1927.

CROWN DEXTER CARPENTER COAL

Exclusive use of the word "Coal" is disclaimed except in connection with the trade-mark as shown.
Particular description of goods.—Coal.
Claims use since December, 1908.

Ser. No. 244,061. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) DEXTER-CARPENTER COAL COMPANY, INCORPORATED, New York, N. Y. Filed Feb. 9, 1927.

CROWN SMITHING

Exclusive use of the word "Smithing" is disclaimed except in connection with the mark as shown.
Particular description of goods.—Coal.
Claims use since December, 1908.

Ser. No. 244,072. (CLASS 39. CLOTHING.) GREENHILL & DANIEL, Brooklyn, N. Y. Filed Feb. 9, 1927.

THE "King" OF SPORT COATS

No claim is made to the exclusive use of the words "Of Sport Coats" apart from the mark as shown in the drawing.
Particular description of goods.—Sport Coats.
Claims use since Jan. 15, 1927.

Ser. No. 244,104. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) F. C. PENNINGTON PRODUCE COMPANY, Greenville and Sulphur Springs, Tex. Filed Feb. 9, 1927.

PENN BRAND

Particular description of goods.—Dressed Fowls, Eggs, and Cans of Frozen Eggs.
Claims use since January, 1924.

Ser. No. 244,125. (CLASS 12. CONSTRUCTION MATERIALS.) AMERICAN JOINTLESS FLOORING CO., INC., St. Louis, Mo. Filed Feb. 10, 1927.

Duraflor

Particular description of goods.—Composition Flooring.
Claims use since on or about Oct. 5, 1926.

Ser. No. 244,129. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) PAUL BIALIK, doing business as Marvel Adding Machine Co., St. Louis, Mo. Filed Feb. 10, 1927.

MARVEL

The lining in the drawing indicating the color red.
Particular description of goods.—Adding, Calculating, Multiplying, and Computing Machines.
Claims use since June 1, 1926.

Ser. No. 244,141. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LAUREL A. DICKINSON, Detroit, Mich. Filed Feb. 10, 1927.

Dickie's Salad Dressing

The words "Salad Dressing" and "Shake Well" are disclaimed apart from the mark shown.
Particular description of goods.—Salad Dressing.
Claims use since Feb. 15, 1925.

Ser. No. 244,153. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GREEVER-LOTSPEICH MFG. CO., Knoxville, Tenn. Filed Feb. 10, 1927.

BLUE RIBBON

The ruling on the drawing indicates the color blue.
Particular description of goods.—Food-Flavoring Extracts.
Claims use since Oct. 31, 1899.

Ser. No. 244,190. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SPEAS MANUFACTURING COMPANY, Kansas City, Mo. Filed Feb. 10, 1927.

PEN-JEL

Particular description of goods.—Pectin, Acidified Sugar Mixture for Use in Quick Jelly-Making Processes.
Claims use since Apr. 9, 1925.

Ser. No. 244,194. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) LEO UHLFELDER CO., New York, N. Y. Filed Feb. 10, 1927.

"DEKA" 4K

Particular description of goods.—Liquid Colors for Hand Painting on Textile Fabrics.
Claims use since about July, 1925.

Ser. No. 244,200. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WILCOX-HAYES COMPANY, Portland, Oreg. Filed Feb. 10, 1927.

WAHKEENA

Particular description of goods.—Canned Fruits, Canned Crab Meat, Canned Salmon, Canned Evaporated and Condensed Milk, Canned Beans, Canned Raspberries, and Dried Prunes.
Claims use since July 19, 1926.

Ser. No. 244,245. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SMALL K. SKILLMAN, doing business as The Minerola Remedy Company, Owensboro, Ky. Filed Feb. 11, 1927.

Minerola

Particular description of goods.—Remedy for Dog Distemper.
Claims use since Mar. 1, 1926.

Ser. No. 244,283. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BURDO BROTHERS, Decatur, Ind. Filed Feb. 12, 1927.

B. B. Burdo Bros

Applicant is the owner of registration 59,510.
Particular description of goods.—Ointments for the Treatment of Moist Eczema, Barber's Itch, Itch, Itching Piles, Pimples, Poison, or Other Skin Eruptions.
Claims use since 1903.

Ser. No. 244,289. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CORN PRODUCTS REFINING COMPANY, New York, N. Y. Filed Feb. 12, 1927.

ZUMA

Particular description of goods.—Candy.
Claims use since Feb. 8, 1927.

Ser. No. 244,302. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARL T. HENDRICKS, doing business as Ez-A-Burn Co., Hot Springs National Park, Ark. Filed Feb. 12, 1927.

EZ-A-BURN

Particular description of goods.—Preparation for the Treatment of Burns, Scalds, Sunburn, Insect Bites, Prickly Heat, Chapped Hands, Sores, and All Affections of the Skin.
Claims use since May 1, 1926.

Ser. No. 244,338. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WHITNEY REED CORPORATION, Leominster, Mass. Filed Feb. 12, 1927.

Rock-a-byer

Particular description of goods.—Shoofly, Hobbyhorses, and Toy Rockers.
Claims use since Feb. 3, 1927.

Ser. No. 244,360. (CLASS 45. BEVERAGES, NONALCOHOLIC.) MAVIS CORPORATION, Baltimore, Md. Filed Feb. 14, 1927.

MAVIS

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks, Such as a Chocolate Beverage, and Sirups for Making the Same.
Claims use since May 1, 1920.

Ser. No. 244,372. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) JANUARIUS R. STANKO, doing business as J. R. Stanko and Co., Detroit, Mich. Filed Feb. 14, 1927.



The drawing is shaded to represent the color blue. For the purposes of registration and without waiving any common-law rights the word "Reliable" apart from the mark shown is disclaimed.
Particular description of goods.—Furniture Polish in Liquid Form.
Claims use since Jan. 11, 1927.

Ser. No. 244,391. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN CASPARY, Glenham, N. Y. Filed Feb. 15, 1927.



The word "Caperberry" is disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Cheese.
Claims use since Nov. 1, 1926.

Ser. No. 244,403. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM COVERT JONES, Farmingdale, N. Y. Filed Feb. 15, 1927.

NOLEEX

Particular description of goods.—Sealing Compounds, Mixtures, and Materials in Chemical Form for Radiators and the Like.
Claims use since Feb. 3, 1927.

Ser. No. 244,412. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE PAYSON VARNISH CO., New York, N. Y. Filed Feb. 15, 1927.

TIP-TOP

Particular description of goods.—Dry, Paste, and Ready-Mixed Paints, Varnishes, Paint Enamels, Lacquers, Paint and Varnish Remover.
Claims use since Mar. 1, 1916.

Ser. No. 244,420. (CLASS 39. CLOTHING.) NATHAN BASS, doing business as Pacific Kiddie Coat Company, New York, N. Y. Filed Feb. 16, 1927.



No claim is made to the words "All Wool" apart from the mark shown on the drawing.
Particular description of goods.—Infants' and Children's Coats.
Claims use since Jan. 10, 1927.

Ser. No. 244,423. (CLASS 39. CLOTHING.) BONWIT TELLER & Co., New York, N. Y. Filed Feb. 16, 1927.

Valerie

Particular description of goods.—Hosiery.
Claims use since Jan. 15, 1927.

Ser. No. 244,427. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CLYDE KRAUT COMPANY, Clyde, Ohio. Filed Feb. 16, 1927.

SILVER FLEECE

Particular description of goods.—Sauerkraut.
Claims use since 1892

Ser. No. 244,428. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) COAL HILL MINING COMPANY, INC., Dubois, Pa. Filed Feb. 16, 1927.

ORCHARD

Particular description of goods.—Coal.
Claims use since 1922.

Ser. No. 244,430. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) JAMES BARRET CROCKETT, New York, N. Y. Filed Feb. 16, 1927.

STABLEX

Particular description of goods.—Rubber Latex in Natural, Stabilized, Diluted, or Concentrated Form.
Claims use since September, 1926.

Ser. No. 244,433. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) DUPLAN SILK CORPORATION, New York, N. Y. Filed Feb. 16, 1927.

GLO-NUVO

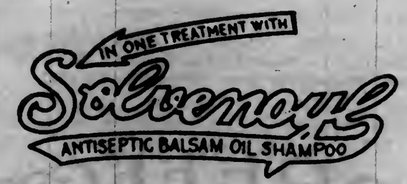
Particular description of goods.—Textile Fabrics—Namely, Piece Goods of Rayon and Silk.
Claims use since Jan. 26, 1927.

Ser. No. 244,450. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) KNIGHT & THOMAS, INC., Boston, Mass. Filed Feb. 16, 1927.

FROTHEX

"Frothex."
Particular description of goods.—Portable Hand Fire-Extinguishing Apparatus.
Claims use since Sept. 21, 1926.

Ser. No. 244,461. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. MORRIS MFG. CO., Detroit, Mich. Filed Feb. 16, 1927.



No claim is made to the expression "In One Treatment with Antiseptic Balsam Oil Shampoo" except in the particular appropriation of the same with the word "Solvenoyl" in the drawing.
Particular description of goods.—Antiseptic Balm and Oil and Shampoo Preparation for Hair Treatment.
Claims use since Feb. 2, 1927.

Ser. No. 244,470. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) I. L. RADWANER SEED CO., INC., New York, N. Y. Filed Feb. 16, 1927.

„CELLOPHENE"

Particular description of goods.—Seeds.
Claims use since Jan. 24, 1927.

Ser. No. 244,516. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) F. BROOKFIELD SLATER, Washington, D. C. Filed Feb. 17, 1927.

BROOKFIELDS

Particular description of goods.—Tooth Powders.
Claims use since Dec. 1, 1926.

Ser. No. 244,525. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) N. E. WILLIS, doing business as N. E. Willis & Son, Gearhart, Oreg. Filed Feb. 17, 1927.

NEWS

Particular description of goods.—Canned Razor Clams.
Claims use since June 10, 1923.

Ser. No. 244,558. (CLASS 45. BEVERAGES, NONALCOHOLIC.) HAGEN-BECKER COMPANY, St. Paul, Duluth, Minneapolis, Minn. Filed Feb. 18, 1927.

PREFECT

Particular description of goods.—Nonalcoholic-Maltless Extracts and Flavors for Soft Drinks.
Claims use since December, 1926.

Ser. No. 244,559. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PHILIP L. HOWE, Wilson, Tex. Filed Feb. 18, 1927.

MUNKYBLUD



Particular description of goods.—Germicidal Solution for Internal and External Use.
Claims use since Jan. 31, 1927.

Ser. No. 244,565. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) MUELLER CO., Decatur, Ill. Filed Feb. 18, 1927.

HM

Particular description of goods.—Soldering Nipples.
Claims use since on or about Feb. 15, 1887.

Ser. No. 244,610. (CLASS 39. CLOTHING.) FERLE HELLER, INC., New York, N. Y. Filed Feb. 19, 1927.

Chapeaux Bellemode

No claim is made to the word "Chapeaux" apart from the mark shown in the drawing.
Particular description of goods.—Ladies' and Misses' Hats.
Claims use since Feb. 1, 1927.

Ser. No. 244,611. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES A. FOHRMAN, Wilkes-Barre, Pa. Filed Feb. 19, 1927.

COLONAID

Particular description of goods.—Medicine for Bowels, Stomach, and Constipation.
Claims use since Feb. 12, 1927.

Ser. No. 244,615. (CLASS 39. CLOTHING.) ROBERT C. KING & Co., New York, N. Y. Filed Feb. 19, 1927.

"Big League"

Particular description of goods.—Men's Athletic Underwear Made from Textile Fabric.
Claims use since Feb. 1, 1927.

Ser. No. 244,618. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) MADISON MALT EXTRACT COMPANY, Madison, Wis. Filed Feb. 19, 1927.

Mel-Wein

The word "Genuine" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Malt Syrup.
Claims use since Mar. 31, 1926.

Ser. No. 244,634. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TEXAS GUM COMPANY, Temple, Tex. Filed Feb. 19, 1927.

Aspreen

Particular description of goods.—Medicinal Chewing Gum Containing Aspirin.
Claims use since August, 1925.

Ser. No. 244,635. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TEXAS GUM COMPANY, Temple, Tex. Filed Feb. 19, 1927.

"Nell May"

Particular description of goods.—Medicinal Chewing Gum Containing Aspirin.
Claims use since August, 1925.

Ser. No. 244,642. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) WEITHORN OIL BURNER COMPANY, Des Moines, Iowa. Filed Feb. 19, 1927.

TORIDAIRE

Particular description of goods.—Oil Burners and Parts Thereof.
Claims use since Nov. 27, 1926.

Ser. No. 244,656. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CARBOON & Co., Fowler, Ind. Filed Feb. 21, 1927.

ASSURANCE

Particular description of goods.—Canned Vegetables.
Claims use since Jan. 1, 1926.

Ser. No. 244,657. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CARBOON & Co., Fowler, Ind. Filed Feb. 21, 1927.

BASKETBALL

Particular description of goods.—Canned Vegetables.
Claims use since Jan. 1, 1926.

Ser. No. 244,658. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CARBOON & Co., Fowler, Ind. Filed Feb. 21, 1927.

OUR AIM

Particular description of goods.—Canned Vegetables.
Claims use since Jan. 1, 1926.

Ser. No. 244,660. (CLASS 39. CLOTHING.) H. W. CARTER & SONS, Lebanon, N. H. Filed Feb. 21, 1927.

"SHELTA"

Particular description of goods.—Denim Coats for Men, Women, and Children.
Claims use since Feb. 3, 1927.

Ser. No. 244,671. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DANIEL L. CROWLEY, doing business as Crowley Tar Products Company, New York, N. Y. Filed Feb. 21, 1927.

PRESERV-O-SOTE

Particular description of goods.—Creosote Wood Preservative.
Claims use since Apr. 15, 1904.

Ser. No. 244,721. (CLASS 37. PAPER AND STATIONERY.) SAMUEL WARD MANUFACTURING COMPANY, Boston, Mass. Filed Feb. 21, 1927.

Day by Day

Particular description of goods.—Diaries.
Claims use since 1917.

Ser. No. 244,722. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAN ANTONIO COFFEE CO., San Antonio, Tex. Filed Feb. 21, 1927.

SunGarden



Particular description of goods.—Coffee.
Claims use since June 1, 1926.

Ser. No. 244,725. (CLASS 39. CLOTHING.) SHREVE & ADAMS, INC., New York, N. Y. Filed Feb. 21, 1927.

RÉOSIL

Particular description of goods.—Hosiery.
Claims use since Nov. 22, 1926.

Ser. No. 244,730. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AGATHA P. THOMSON, St. Louis, Mo. Filed Feb. 21, 1927.

Fly Choke

Particular description of goods.—Insecticide, Liquid and Powder.
Claims use since Nov. 4, 1926.

Ser. No. 244,740. (CLASS 39. CLOTHING.) CHARLES LAWRENCE BOND, doing business as International Dundee Tailoring Co., New York, N. Y. Filed Feb. 23, 1927.

INTERNATIONAL Dundee TAILORING Co

Particular description of goods.—Men's and Young Men's Suits and Overcoats.
Claims use since about October, 1926.

Ser. No. 244,768. (CLASS 39. CLOTHING.) FRIEDMAN BROS. & SONS NECKWEAR CO., INC., New York, N. Y. Filed Feb. 23, 1927.

THE POINTEX BOW

No claim is made to the word "Bow" apart from the mark shown in the drawing.
Particular description of goods.—Ties, Cravats, Four-in-Hand Ties, and Bow Ties.
Claims use since Feb. 2, 1927.

Ser. No. 244,820. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) DU PONT VISCOLOID COMPANY, New York, N. Y. Filed Feb. 24, 1927.

PYRALIN
SHERATON

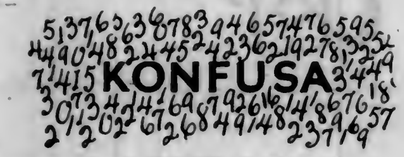
No claim is made to the word "Sheraton" apart from the mark shown.
Particular description of goods.—Brushes—Namely, Hair, Hat, Cloth, Nail, Tooth, Hand, and Baby Brushes.
Claims use since Dec. 10, 1926.

Ser. No. 244,870. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) JAMES HENDRY LIMITED, Bridgeton, Glasgow, Scotland. Filed Feb. 25, 1927. Under 10-year proviso.

Hendrys' Laminated Belting

Particular description of goods.—Machinery-Driving Belts.
Claims use since 1894.

Ser. No. 244,876. (CLASS 37. PAPER AND STATIONERY.) MAGILL-WEINSHEIMER COMPANY, Chicago, Ill. Filed Feb. 25, 1927.



Particular description of goods.—Envelopes.
Claims use since Jan. 3, 1927.

Ser. No. 244,877. (CLASS 37. PAPER AND STATIONERY.) MAGILL-WEINSHEIMER COMPANY, Chicago, Ill. Filed Feb. 25, 1927.



Particular description of goods.—Envelopes.
Claims use since Jan. 3, 1927.

Ser. No. 244,883. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) PITCAIRN AIRCRAFT, INC., Philadelphia, Pa. Filed Feb. 25, 1927.

Fleetwing

Particular description of goods.—Airplanes Propelled by Gas and/or Steam Engines for Carrying Passengers and Freight.
Claims use since Oct. 7, 1925.

Ser. No. 244,884. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) PITCAIRN AIRCRAFT, INC., Philadelphia, Pa. Filed Feb. 25, 1927.

Orowing

Particular description of goods.—Airplanes Propelled by Gas and/or Steam Engines for Carrying Passengers and Freight.
Claims use since May 17, 1926.

Ser. No. 244,896. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PETRONILLA M. VESTTYNEN, Rockford, Ill. Filed Feb. 25, 1927.

NILA

Particular description of goods.—Salve for Burns, Boils, Carbuncles, Felons, Chapped Hands, Frostbites, Bone Diseases, and All Ulcerated Wounds.
Claims use since Feb. 7, 1927.

Ser. No. 244,907. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) WILLIAM E. WRIGHT AND SONS COMPANY, Orange, N. J. Filed Feb. 25, 1927.



The trade-mark consists of the photograph of William E. Wright (deceased).
Particular description of goods.—Bias-Fold Tapes and Trimmings of Fabric.
Claims use since Nov. 15, 1915.

Ser. No. 244,909. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) ALUMINUM GOODS MANUFACTURING CO., Manitowoc, Wis. Filed Feb. 26, 1927.

COMET
ALUMINUM

No claim is made to the word "Aluminum" apart from the mark shown.
Particular description of goods.—Aluminum Ware—Namely, Baking Dishes, Boilers for Cooking Foods, Cake Pans, Coffee Percolators, Coffeepots, Colanders, Combination Cookers, Combination Poachers, Steamer and Fry Pans, Combination Roasters, Convex Kettles, Convex Saucepans, Convex Sauce Pots, Cookers, Cooking Kettles, Covers, Dishpans, Dish Driers, Double Boilers, Fry Pans, Kettles, Layer-Cake Pans, Lipped Fry Pans, Lipped Preserving Kettles, Lipped-Saucepan Sets, Lipped Stewpan Sets, Mixing Bowls, Mixing-Bowl Sets, Pans, Pie Plates, Pitchers, Preserving Kettles, Pudding Pans, Pudding-Pan Sets, Roasters, Saucepans, Sauce Pots, Skillets, Sink Strainers, Steamers, Stewpans, Strainers, Strainer Kettles, Strainer Pans, Teakettles, Tubed Cake Pans, Washbasins, Water Pitchers, and Windsor Kettles.
Claims use since Feb. 18, 1927.

Ser. No. 244,915. (CLASS 39. CLOTHING.) LOUIS COLMAN, West Hampstead, London, England. Filed Feb. 26, 1927.



Particular description of goods.—Stockings and Socks.
Claims use since Sept. 8, 1925.

Ser. No. 244,930. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HANOVER WIRE CLOTH CO., Hanover, Pa. Filed Feb. 26, 1927.

APEX

"Apex."
Particular description of goods.—Wire Cloth for Screens.
Claims use since Aug. 30, 1917.

Ser. No. 244,931. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HANOVER WIRE CLOTH CO., Hanover, Pa. Filed Feb. 26, 1927.

COLONIAL

"Colonial."
Particular description of goods.—Wire Cloth for Screens.
Claims use since Jan. 26, 1927.

Ser. No. 244,932. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HANOVER WIRE CLOTH CO., Hanover, Pa. Filed Feb. 26, 1927.

CRESCENT

"Crescent."
Particular description of goods.—Wire Cloth for Screens.
Claims use since May 25, 1925.

Ser. No. 244,945. (CLASS 39. CLOTHING.) MITCHELL HOSIERY MILLS, Columbus, Ga. Filed Feb. 26, 1927.

ARCHER

Particular description of goods.—Hosiery.
Claims use since Aug. 1, 1919.

Ser. No. 245,001. (CLASS 43. THREAD AND YARN.) THE GARDINER HALL JR. COMPANY, South Willington, Conn., and New York, N. Y. Filed Feb. 28, 1927.

GREYLOCK

Particular description of goods.—Thread.
Claims use since about 1905.

Ser. No. 245,002. (CLASS 43. THREAD AND YARN.) THE GARDINER HALL JR. COMPANY, South Willington, Conn., and New York, N. Y. Filed Feb. 28, 1927.

MAGNUS

Particular description of goods.—Thread.
Claims use since about 1880.

Ser. No. 245,005. (CLASS 43. THREAD AND YARN.) THE GARDINER HALL JR. COMPANY, South Willington, Conn., and New York, N. Y. Filed Feb. 28, 1927.

JUNIOR

Particular description of goods.—Thread.
Claims use since about 1910.

Ser. No. 245,087. (CLASS 39. CLOTHING.) FELDMAN BROS., INC., New York, N. Y. Filed Mar. 2, 1927.

Rio Rita Hats

The word "Hats" is not claimed except in association with the rest of the trade-mark.
Particular description of goods.—Ladies' Hats.
Claims use since Feb. 17, 1927.

Ser. No. 245,125. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) WESTCHESTER BOTTLING WORKS, New Rochelle, N. Y. Filed Mar. 2, 1927.

O-BA-B

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks.
Claims use since about Sept. 1, 1926.

Ser. No. 245,156. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE MORGAN COMPANY, Peoria, Ill. Filed Mar. 3, 1927.

Surfspar

Particular description of goods.—Varnishes.
Claims use since May 1, 1926.

Ser. No. 245,171. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHANN ABRAHAM VON WÜLFING, Berlin, Germany. Filed Mar. 3, 1927.

Detoxinum

Particular description of goods.—Water-Soluble Preparations Containing Cell-Building Protein Substances in the Form of a Powder or Ampuls or Capsules Containing the Powder or Ampuls Containing a Solution of the Powder.
Claims use since September, 1926.

Ser. No. 245,173. (CLASS 39. CLOTHING.) WEINGARTEN BROS., New York, N. Y. Filed Mar. 3, 1927.

Vent-Lastic

Particular description of goods.—Women's Fitted Undergarments—Namely, Brassières, Corset Brassières, Corsets, Girdles, and Corselets.
Claims use since Feb. 1, 1927.

Ser. No. 245,182. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) AMERICAN RANGE CORPORATION, Shakopee, Minn. Filed Mar. 4, 1927.

CORAL

Particular description of goods.—Wood, Coal, Gas, Oil, and Vapor Stoves and Ranges.
Claims use since on or about Dec. 1, 1891.

Ser. No. 245,185. (CLASS 39. CLOTHING.) WILLIAM D. BAER, Detroit, Mich. Filed Mar. 4, 1927.

APARA

Particular description of goods.—Garters.
Claims use since July 1, 1926.

Ser. No. 245,223. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Mar. 4, 1927.

ERICA

Particular description of goods.—Wheat Flour.
Claims use since on or about Jan. 1, 1910.

Ser. No. 245,224. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PROPATT & MARANS, Atlantic City, N. J. Filed Mar. 4, 1927.

Lenagraph

Particular description of goods.—Embossed-Printing Machines.
Claims use since Jan. 15, 1927.

Ser. No. 245,238. (CLASS 10. FERTILIZERS.) OTTO WITTBOLD NURSERY, Chicago, Ill. Filed Mar. 4, 1927.

CREAMEARTH

Particular description of goods.—Fertilizing Materials.
Claims use since Jan. 1, 1927.

Ser. No. 245,262. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FLETCHER-WILSON COFFEE CO., Nashville, Tenn. Filed Mar. 5, 1927.

BUBBLING OVER

Particular description of goods.—Coffee.
Claims use since Jan. 25, 1927.

Ser. No. 245,285. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) NATIONAL MALLEABLE AND STEEL CASTINGS COMPANY, Cleveland, Ohio. Filed Mar. 5, 1927.

TRAXO

Particular description of goods.—Couplers.
Claims use since Oct. 26, 1926.

Ser. No. 245,343. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) G. F. EARLEY & SON, doing business as Lander Mills, Lander, Wyo. Filed Mar. 7, 1927.

WYOMA

Particular description of goods.—Breakfast Food, Self-Rising Pancake Flour, Whole-Wheat Flour, Graham Flour, and Wheat Flour.
Claims use since November, 1915.

Ser. No. 245,348. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RICHARD HUDNUT, New York, N. Y. Filed Mar. 7, 1927.

Handee

Particular description of goods.—Lip Stick.
Claims use since Feb. 17, 1927.

Ser. No. 245,371. (CLASS 39. CLOTHING.) CHARLES RUBEN, doing business as Presto Bow Tie Company, Pittsburgh, Pa. Filed Mar. 7, 1927.

PRESTO 4

Particular description of goods.—Necktles.
Claims use since June 1, 1926.

Ser. No. 245,373. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE RUBYETTE CO., San Francisco, Calif. Filed Mar. 7, 1927.

ETTES

Particular description of goods.—Preserved and Canned Raisins and Grapes.
Claims use since Feb. 21, 1927.

Ser. No. 245,384. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WASHBURN CROSBY COMPANY, Minneapolis, Minn. Filed Mar. 7, 1927.

KANSAK

Particular description of goods.—Wheat Flour.
Claims use since Nov. 20, 1922.

Ser. No. 245,388. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PERCY B. T. WILLIAMS, Philadelphia, Pa. Filed Mar. 7, 1927.

InterDental

Particular description of goods.—Toothbrushes.
Claims use since Feb. 2, 1927.

Ser. No. 245,390. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGES A. BROUILLET, Brookline, Mass. Filed Mar. 8, 1927.

MYRRHDENT

Particular description of goods.—Dentifrice.
Claims use since Oct. 1, 1926.

Ser. No. 245,393. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) FARREL FOUNDRY & MACHINE COMPANY, Ansonia, Conn., and Buffalo, N. Y. Filed Mar. 8, 1927.

MACEROTOR

Particular description of goods.—Sugar-Mill Imbibition Devices.
Claims use since on or about Jan. 3, 1927.

Ser. No. 245,395. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) ARTHUR W. HAHN, New York, N. Y. Filed Mar. 8, 1927.

Health-Glo

Particular description of goods.—Complexion Brushes, Hairbrushes, Babies' Hairbrushes, Bath Brushes, Flesh Brushes, Manicure Brushes, Hand Brushes, Shampoo Brushes, Toothbrushes, and Body Brushes.
Claims use since Oct. 1, 1926.

Ser. No. 245,402. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. R. LATHROP & CO. INC., Augusta, Me., and New York, N. Y. Filed Mar. 8, 1927.

Hints

Particular description of goods.—Laxative.
Claims use since Mar. 2, 1927.

Ser. No. 245,453. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE ROYAL CANDY COMPANY, Alliance, Ohio. Filed Mar. 9, 1927.

Royal's THREE STRIKES

Particular description of goods.—Candy.
Claims use since Feb. 27, 1923.

Ser. No. 245,461. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE VALHALLA COMPANY, Chicago, Ill. Filed Mar. 9, 1927.

MOLD-CIDE

Particular description of goods.—A Machine Used in the Manufacture of Sodium-Hypochloride Solution.
Claims use since Jan. 10, 1927.

Ser. No. 245,462. (CLASS 43. THREAD AND YARN.) THE VISCOSE COMPANY, Marcus Hook, Pa. Filed Mar. 9, 1927.

DULESCO

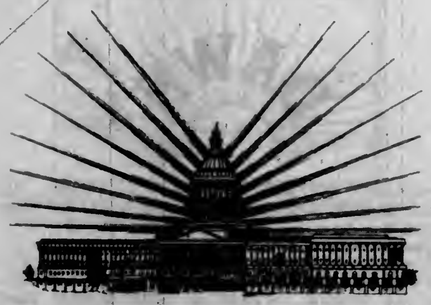
Particular description of goods.—Rayon Yarn.
Claims use since Jan. 1, 1927.

Ser. No. 245,466. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ALONZO O. BLISS MEDICAL COMPANY, Washington, D. C. Filed Mar. 10, 1927.

AB

Particular description of goods.—Internal Herb Remedy in Tablet Form for the Treatment of the Blood, Kidneys, and Liver.
Claims use since Jan. 1, 1897.

Ser. No. 245,468. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ALONZO O. BLISS MEDICAL COMPANY, Washington, D. C. Filed Mar. 10, 1927.



Particular description of goods.—Internal Remedies for the Treatment of the Blood, Kidneys, and Liver.
Claims use since 1892.

Ser. No. 245,469. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES W. BUSH, doing business as C. W. Bush Company, Hammond, Ind. Filed Mar. 10, 1927.



Particular description of goods.—Butter.
Claims use since Dec. 1, 1925.

Ser. No. 245,477. (CLASS 45. BEVERAGES, NONALCOHOLIC.) CURRAN & JOYCE CO., INC., Lawrence, Mass. Filed Mar. 10, 1927.



Particular description of goods.—Ginger Ale.
Claims use since Feb. 3, 1927.

Ser. No. 245,500. (CLASS 45. BEVERAGES, NONALCOHOLIC.) MILTON J. KRAFT, Springfield, Ohio. Filed Mar. 10, 1927.

DAWN

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks and Sirups for Making the Same.
Claims use since January, 1925.

Ser. No. 245,519. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SCOTT & BOWNE, Bloomfield, N. J. Filed Mar. 10, 1927.

Preventina

Particular description of goods.—Antiseptic, Germicide, Disinfectant, and Prophylactic.
Claims use since on or about Nov. 29, 1901.

Ser. No. 245,530. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) M. BACKES' SONS, INC., Wallingford, Conn. Filed Mar. 11, 1927.

COWBOY

Particular description of goods.—Pistol Caps.
Claims use since Jan. 27, 1926.

Ser. No. 245,540. (CLASS 5. ADHESIVES.) FLEXEMENT CORP., Muskegon, Mich. Filed Mar. 11, 1927.

CELOFLEX

Particular description of goods.—Adhesive Cement.
Claims use since July 31, 1926.

Ser. No. 245,541. (CLASS 5. ADHESIVES.) FLEXEMENT CORP., Muskegon, Mich. Filed Mar. 11, 1927.

RUBOFLEX

Particular description of goods.—Adhesive Cement.
Claims use since July 1, 1926.

Ser. No. 245,559. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INTERNATIONAL MILLING COMPANY, Minneapolis, Minn. Filed Mar. 11, 1927.



Captain Kidd

Particular description of goods.—Wheat Flour.
Claims use since June 2, 1925.

Ser. No. 245,580. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) S. S. PIERCE CO., Boston, Mass. Filed Mar. 11, 1927.

AROSA

Particular description of goods.—Perfumes, Toilet Waters, Face Powder, Talcum Powder, Bath Powder, and Bath Salts.
Claims use since Feb. 10, 1927.

Ser. No. 245,583. (CLASS 17. TOBACCO PRODUCTS.) CHARLES G. RANGOS, doing business as The Spearmint Tobacco Co., Wellsburg, W. Va. Filed Mar. 11, 1927.



No claim is made to the words "Chew" and "Scrap" shown in the drawing apart from the mark shown.
Particular description of goods.—Chewing and Smoking Tobacco.
Claims use since Mar. 7, 1927.

Ser. No. 245,587. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHERN FRUIT DISTRIBUTORS, INC., Orlando, Fla. Filed Mar. 11, 1927.

Coot

Particular description of goods.—Fresh Citrous Fruits and Fresh Vegetables.
Claims use since Oct. 28, 1926.

Ser. No. 245,593. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) J. L. STIFEL & SONS, Wheeling, W. Va. Filed Mar. 11, 1927.

COVERTEX

The trade-mark consists of the word "Covertex."
Particular description of goods.—Cotton Piece Goods.
Claims use since Feb. 17, 1927.

Ser. No. 245,628. (CLASS 17. TOBACCO PRODUCTS.) ZELDA GOODMAN, doing business as J. Goodman, St. Louis, Mo. Filed Mar. 12, 1927.

CLUB HOUSE

Particular description of goods.—Cigars.
Claims use since Mar. 1, 1925.

Ser. No. 245,640. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HATTOCK-CRONSMEYER CO., Easton, Pa. Filed Mar. 12, 1927.

Satin Eleusia

No registration rights are claimed in the word "Satin" except in association with the other features of the mark.
Particular description of goods.—Silk Piece Goods.
Claims use since Feb. 14, 1927.

Ser. No. 245,724. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) KENT-COSTIKYAN TRADING COMPANY, INC., New York, N. Y. Filed Mar. 14, 1927.

KASHANOOR

Particular description of goods.—Textile Rugs.
Claims use since Feb. 1, 1927.

Ser. No. 245,732. (CLASS 47. WINES.) LANSON PERE & FILS (SOCIETE A RESPONSABILITE LIMITEE), Rheims, France. Filed Mar. 14, 1927. Under 10-year proviso.

Delamotte père & fils
Reims
MAISON FONDÉE EN 1760

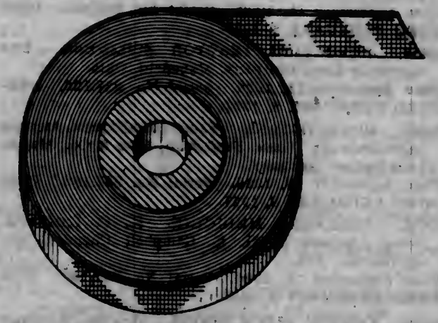
Particular description of goods.—Champagne Wines.
Claims use since Apr. 30, 1846.

Ser. No. 245,741. (CLASS 37. PAPER AND STATIONERY.) MID-STATES GUMMED PAPER COMPANY, Chicago, Ill. Filed Mar. 14, 1927.

GREEN CORE

Particular description of goods.—Textile-Fabric Tape, Both Gummed and Ungummed, Sold in Rolls.
Claims use since on or about Nov. 1, 1919.

Ser. No. 245,742. (CLASS 37. PAPER AND STATIONERY.) MID-STATES GUMMED PAPER COMPANY, Chicago, Ill. Filed Mar. 14, 1927.



The trade-mark resides in the green coloring of the core on which the tape is wound, this green coloring being represented in the accompanying drawing by the diagonal crosshatching on the end of the core, no claim being made to the representation of a roll of tape.
Particular description of goods.—Textile-Fabric Tape, Both Gummed and Ungummed, Sold in Rolls.
Claims use since on or about Nov. 1, 1919.

Ser. No. 245,813. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SULLIVAN SMYTHFIELD COMPANY, Philadelphia, Pa. Filed Mar. 15, 1927.

COTTAGE MAID

Particular description of goods.—Handkerchiefs.
Claims use since March, 1924.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

APRIL 19, 1927.

226,658. PERIODICAL. MODE PUBLISHING CO., INC., New York, N. Y.
Filed December 23, 1926. Serial No. 241,894. PUBLISHED FEBRUARY 8, 1927.

226,659. WAXED PAPER. NEWARK PARAFFINE & PARCHMENT PAPER CO., New York, N. Y.
Filed September 9, 1926. Serial No. 237,037. PUBLISHED FEBRUARY 8, 1927.

226,660. WHEAT FLOUR. CANADIAN MILL & ELEVATOR COMPANY, El Reno, Okla.
Filed September 11, 1926. Serial No. 237,110. PUBLISHED FEBRUARY 8, 1927.

226,661. LADIES' SHOES OF LEATHER, FABRIC, OR COMBINATION OF THESE MATERIALS. SAUL URBAN, Cincinnati, Ohio.
Filed September 9, 1926. Serial No. 237,051. PUBLISHED FEBRUARY 1, 1927.

226,662. ADHESIVE POWDER FOR ARTIFICIAL DENTURES. SEALTITE CHEMICAL CO., Grand Rapids, Mich.
Filed September 11, 1926. Serial No. 237,120. PUBLISHED FEBRUARY 8, 1927.

226,663. REVOLVING TRACTOR SCRAPERS. THE RODERICK LEAN COMPANY, Mansfield, Ohio.
Filed September 11, 1926. Serial No. 237,126. PUBLISHED FEBRUARY 8, 1927.

226,664. DISINFECTANT. SACCHARIN-FABRIK, AKTIENGESELLSCHAFT VORM. FAHLBERG, LIST & CO., Magdeburg-Sudost, Germany.
Filed September 13, 1926. Serial No. 237,192. PUBLISHED FEBRUARY 8, 1927.

226,665. PELLAGRA MEDICINE. H. C. CAMPBELL, doing business as H. C. Campbell Chemical Co., Blytheville, Ark.
Filed September 11, 1926. Serial No. 237,140. PUBLISHED FEBRUARY 8, 1927.

226,666. COTTON PIECE GOODS. HUNTER MANUFACTURING & COMMISSION CO., New York, N. Y.
Filed September 14, 1926. Serial No. 237,236. PUBLISHED FEBRUARY 8, 1927.

226,667. WHISKY. ROSENFIELD BROS., Chicago, Ill.
Filed November 29, 1926. Serial No. 240,735. PUBLISHED FEBRUARY 8, 1927.

226,668. FRESH CITROUS FRUITS—NAMELY, ORANGES, GRAPEFRUIT, AND TANGERINES. OJAI ORANGE ASSOCIATION, Ojai, Calif.
Filed December 1, 1926. Serial No. 240,826. PUBLISHED FEBRUARY 8, 1927.

226,669. MONTHLY MAGAZINE. SOUTHERN DAIRIES, INC., Washington, D. C.
Filed December 27, 1926. Serial No. 242,027. PUBLISHED FEBRUARY 8, 1927.

226,670. OPTICAL LENSES. SHUR-ON STANDARD OPTICAL CO., INC., Geneva, N. Y.
Filed December 27, 1926. Serial No. 242,026. PUBLISHED FEBRUARY 8, 1927.

226,671. PERIODICAL. CARL A. NOWAK, St. Louis, Mo.
Filed December 24, 1926. Serial No. 241,955. PUBLISHED FEBRUARY 8, 1927.

226,672. SEWING MACHINES. THE NEW HOME SEWING MACHINE COMPANY, Orange, Mass.
Filed December 24, 1926. Serial No. 241,954. PUBLISHED FEBRUARY 8, 1927.

226,673. CANDY. CROFT & ALLEN CORP., Bethlehem and Philadelphia, Pa.
Filed December 24, 1926. Serial No. 241,930. PUBLISHED FEBRUARY 8, 1927.

226,674. PERIODICAL MAGAZINE PUBLISHED MONTHLY. ARNOLD PUBLISHING COMPANY, Chicago, Ill.
Filed December 24, 1926. Serial No. 241,918. PUBLISHED FEBRUARY 8, 1927.

226,675. APRONS AND DRESSES. DONNELLY GARMENT COMPANY, Kansas City, Mo.
Filed December 2, 1926. Serial No. 240,853. PUBLISHED FEBRUARY 8, 1927.

226,676. WOVEN COTTON FABRICS—NAMELY, COTTON FLANNELS. ROANOKE MILLS COMPANY, Roanoke Rapids, N. C.
Filed April 22, 1926. Serial No. 230,574. PUBLISHED FEBRUARY 8, 1927.

226,677. WOVEN COTTON FABRICS—NAMELY, COTTON FLANNELS. ROANOKE MILLS COMPANY, Roanoke Rapids, N. C.
Filed April 22, 1926. Serial No. 230,572. PUBLISHED FEBRUARY 8, 1927.

226,678. PASTEURIZED CREAM, PASTEURIZED BUTTERMILK, RAW CREAM, AND PASTEURIZED AND RAW MILK. CHAPMAN DAIRY CO., Kansas City, Mo.
Filed April 15, 1926. Serial No. 230,225. PUBLISHED FEBRUARY 8, 1927.

226,679. RAW MILK, PASTEURIZED MILK, RAW CREAM, PASTEURIZED CREAM, AND PASTEURIZED AND CULTURED BUTTERMILK. CHAPMAN DAIRY CO., Kansas City, Mo.
Filed March 17, 1926. Serial No. 228,743. PUBLISHED FEBRUARY 8, 1927.

226,680. GOLF BAGS. ALLIED GOLF COMPANY, Chicago, Ill.
Filed March 12, 1926. Serial No. 228,520. PUBLISHED FEBRUARY 8, 1927.

226,681. PERIODICAL MAGAZINE. THE MCKELVIE PUBLISHING COMPANY, Lincoln, Nebr.
Filed March 4, 1926. Serial No. 228,122. PUBLISHED FEBRUARY 8, 1927.

226,682. MONTHLY MAGAZINE. LORENZ PUBLISHING COMPANY, Dayton, Ohio.
Filed November 27, 1926. Serial No. 240,668. PUBLISHED FEBRUARY 8, 1927.

226,683. GASOLINE, KEROSENE, BENZOL, ALSO OILS FOR AUTOMOBILES, COMPRESSORS, ENGINES, TRACTORS, TURBINES, STEAM CYLINDERS, AND GREASES FOR TRANSMISSIONS AND CUPS. THE HAMILTON COUNTY EUREKA OIL COMPANY, Cincinnati, Ohio.
Filed January 27, 1926. Serial No. 226,526. PUBLISHED JANUARY 25, 1927.

226,684. NAVIGATIONAL APPARATUS—NAMELY, AUTOMATIC STEERING DEVICES. THE SPERRY GYROSCOPE COMPANY, Brooklyn, N. Y.
Filed January 23, 1926. Serial No. 226,310. PUBLISHED FEBRUARY 8, 1927.

226,685. BUTTER. FINGER LAKES CREAMERY, Union Springs, N. Y.
Filed September 20, 1926. Serial No. 237,450. PUBLISHED FEBRUARY 8, 1927.

226,686. LUBRICATING OILS. GENERAL PETROLEUM CORPORATION, San Francisco, Calif.
Filed September 20, 1926. Serial No. 237,453. PUBLISHED FEBRUARY 1, 1927.

226,687. FRESH CITROUS FRUITS. THE UMATILLA FRUIT CO., Umatilla, Fla.
Filed September 20, 1926. Serial No. 237,479. PUBLISHED FEBRUARY 8, 1927.

226,688. TRANSMISSION LINING FOR FORD CARS. ATLAS ASBESTOS COMPANY, North Wales, Pa.
Filed September 27, 1926. Serial No. 237,770. PUBLISHED FEBRUARY 8, 1927.

226,689. MEN'S GARTERS. SID LEVY, San Francisco, Calif.
Filed December 15, 1925. Serial No. 224,713. PUBLISHED FEBRUARY 8, 1927.

226,690. WHEAT FLOUR. WHALEY MILL & ELEVATOR CO., Gainesville, Tex.
Filed December 2, 1926. Serial No. 240,894. PUBLISHED FEBRUARY 8, 1927.

226,691. APPARATUS FOR REGISTERING TERRESTRIAL VIBRATIONS AND FOR FURNISHING DATA CONCERNING THE OCCURRENCE AND EXTENT OF MINERAL-BEARING FORMATIONS. SEISMOS G. M. B. H., Hanover, Germany.
Filed December 2, 1926. Serial No. 240,885. PUBLISHED FEBRUARY 8, 1927.

226,692. VEHICLE TIRES AND TUBES OF RUBBER OR RUBBER AND FABRIC. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed December 2, 1926. Serial No. 240,884. PUBLISHED FEBRUARY 8, 1927.

226,693. VEHICLE TIRES AND TUBES OF RUBBER OR RUBBER AND FABRIC. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed December 2, 1926. Serial No. 240,883. PUBLISHED FEBRUARY 8, 1927.

226,694. DRESSES. KORNHANDLER & KANE, New York, N. Y.
Filed December 2, 1926. Serial No. 240,866. PUBLISHED FEBRUARY 8, 1927.

226,695. SHOES MADE PRINCIPALLY OF LEATHER, CERTAIN OF THE PARTS BEING AT TIMES FABRICATED FROM CANVAS, RUBBER, AND OTHER MATERIALS. THE SPORTOCASIN CO., Yarmouth, Me.
Filed November 18, 1926. Serial No. 240,279. PUBLISHED FEBRUARY 1, 1927.

226,696. HATS AND CAPS FOR MEN. THE CROFUT & KNAPP CO., South Norwalk, Conn.
Filed November 19, 1926. Serial No. 240,293. PUBLISHED FEBRUARY 8, 1927.

226,697. SADDLE GIRTHS. JOSEPH WIESENFELD, doing business as "Little Joe" Wiesenfeld Company, Baltimore, Md.
Filed November 20, 1926. Serial No. 240,379. PUBLISHED FEBRUARY 8, 1927.

226,698. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES AND COMPOUND CONCENTRATES AND SIRUPS FOR THE MANUFACTURE THEREOF. ORANGE CRUSH COMPANY, Chicago, Ill.
Filed November 22, 1926. Serial No. 240,436. PUBLISHED FEBRUARY 8, 1927.

226,699. MERCHANDISING PUBLICATION ISSUED A NUMBER OF TIMES EACH YEAR. WOLFSON PUBLISHING COMPANY, St. Louis, Mo.
Filed November 22, 1926. Serial No. 240,468. PUBLISHED FEBRUARY 8, 1927.

226,700. MOTOR TRUCKS. WALTER MOTOR TRUCK COMPANY, INC., Long Island City, N. Y.
Filed November 23, 1926. Serial No. 240,514. PUBLISHED JANUARY 25, 1927.

226,701. WEARING APPAREL FOR MEN, WOMEN, AND CHILDREN. B. ALTMAN & CO., New York, N. Y.
Filed November 24, 1926. Serial No. 240,517. PUBLISHED FEBRUARY 8, 1927.

226,702. SPRINKLERS AND VALVES IN AUTOMATIC FIRE-EXTINGUISHING SYSTEMS. CENTRAL AUTOMATIC SPRINKLER COMPANY, Philadelphia, Pa.
Filed November 24, 1926. Serial No. 240,531. PUBLISHED FEBRUARY 8, 1927.

226,703. SPRINKLERS AND VALVES IN AUTOMATIC FIRE-EXTINGUISHING SYSTEMS. CENTRAL AUTOMATIC SPRINKLER COMPANY, Philadelphia, Pa.
Filed November 24, 1926. Serial No. 240,532. PUBLISHED FEBRUARY 8, 1927.

226,704. WEEKLY PERIODICAL. THE LAWRENCE PUBLISHING COMPANY, Cleveland, Ohio.
Filed November 24, 1926. Serial No. 240,557. PUBLISHED FEBRUARY 8, 1927.

226,705. TRANSMISSION DISKS MADE WHOLLY OR PARTLY OF RUBBER. THE BADGER RUBBER WORKS, Milwaukee and Cudahy, Wis.
Filed November 26, 1926. Serial No. 240,586. PUBLISHED JANUARY 11, 1927.

226,706. SATSUMA ORANGES IN THEIR NATURAL STATE. LONNIE L. NOBLE, Mobile, Ala.
Filed November 26, 1926. Serial No. 240,619. PUBLISHED JANUARY 11, 1927.

226,707. GASOLINE. VACUUM OIL COMPANY, New York, N. Y.
Filed November 26, 1926. Serial No. 240,632. PUBLISHED JANUARY 11, 1927.

226,708. WOVEN UNDERWEAR FOR MEN, WOMEN, AND CHILDREN. THE ANDALA COMPANY, Andalusia, Ala.
Filed November 27, 1926. Serial No. 240,638. PUBLISHED FEBRUARY 8, 1927.

226,709. MONTHLY MAGAZINE. LORENZ PUBLISHING COMPANY, Dayton, Ohio.
Filed November 27, 1926. Serial No. 240,665. PUBLISHED FEBRUARY 8, 1927.

226,710. MONTHLY MAGAZINE. LORENZ PUBLISHING COMPANY, Dayton, Ohio.
Filed November 27, 1926. Serial No. 240,666. PUBLISHED FEBRUARY 8, 1927.

226,711. CANNED FISH, SPECIFICALLY SARDINES. SEACOAST CANNING COMPANY, Eastport, Me.
Filed September 3, 1925. Serial No. 219,769. PUBLISHED FEBRUARY 8, 1927.

226,712. NONALCOHOLIC MALT BEVERAGE. C. SCHMIDT & SONS, INC., Philadelphia, Pa.
Filed May 19, 1925. Serial No. 214,566. PUBLISHED AUGUST 17, 1926.

226,713. MOTHPROOF AND DUSTPROOF CLOTH CONTAINERS FOR GARMENTS. THE JAMES E. RICHARDS COMPANY, Dayton, Ohio.
Filed December 2, 1926. Serial No. 240,878. PUBLISHED FEBRUARY 8, 1927.

226,714. PASTE FLOUR. FALK AMERICAN POTATO FLOUR CORPORATION, doing business as Falk Products Company, Pittsburgh, Pa., and Cadillac, Mich.
Filed November 17, 1926. Serial No. 240,177. PUBLISHED FEBRUARY 8, 1927.

226,715. MEDICINAL COMPOUND FOR TREATMENT OF COLDS AND CONGESTED CONDITIONS OF RESPIRATORY AND BRONCHIAL PASSAGES. OXY VAPOROL CO., New York, N. Y.
Filed December 8, 1926. Serial No. 241,176. PUBLISHED FEBRUARY 8, 1927.

226,716. PIECE GOODS MADE OF COTTON, WOOL, SILK, RAYON, AND COMBINATIONS OF SAME. ELY & WALKER DRY GOODS COMPANY, St. Louis, Mo.
Filed November 16, 1926. Serial No. 240,135. PUBLISHED FEBRUARY 8, 1927.

226,717. NONALCOHOLIC, MALTLESS, CARBONATED BEVERAGES AND THE SIRUP FOR MAKING THE SAME. TAYLOR-LONG COMPANY, Charlotte, N. C.
Filed October 29, 1926. Serial No. 239,436. PUBLISHED FEBRUARY 8, 1927.

226,718. PERFUMES, TOILET WATERS, HAIR TONICS, FACE LOTIONS, FACE POWDERS, LIP STICKS, ROUGES, LIP POMADES, HAIR WASHES, SHAMPOOS, BRILLIANTINES, HAIRDRESSINGS, HAND LOTIONS, FACIAL CREAMS, TOOTH PASTES, MASSAGING CREAMS, TOILET-ARTICLE NOVELTIES CONTAINING PERFUME, TOILET WATERS, FACE POWDERS, LIP STICKS, ROUGE, AND TOILET CREAMS. HYMAN HUBSCHMAN, Brooklyn, N. Y.
Filed October 25, 1926. Serial No. 239,174. PUBLISHED FEBRUARY 8, 1927.

226,719. FISHHOOKS. O. MUSTAD & SON, Oslo, Norway.
Filed October 25, 1926. Serial No. 239,190. PUBLISHED FEBRUARY 8, 1927.

226,720. WOVEN RUGS AND FLOOR COVERINGS. THOMAS DEVELON Jr., Philadelphia, Pa.
Filed November 4, 1926. Serial No. 239,646. PUBLISHED FEBRUARY 8, 1927.

226,721. FUDGE AND NOUGAT. GOLDEN NUGGET SWEETS, San Francisco, Calif.
Filed November 11, 1926. Serial No. 239,930. PUBLISHED FEBRUARY 8, 1927.

226,722. CANDY. THE ED MESSER CONFECTIONERY CO., Cincinnati, Ohio.
Filed November 11, 1926. Serial No. 239,942. PUBLISHED FEBRUARY 8, 1927.

226,723. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. GILBERT & THOMAS, Los Angeles, Calif.
Filed October 23, 1926. Serial No. 239,104. PUBLISHED FEBRUARY 8, 1927.

226,724. RUBBISH, TRASH, OR CATCHALL CANS MADE OF METAL, FIBER, OR WOOD. ECONOMY BALER COMPANY, Ann Arbor, Mich.
Filed October 21, 1926. Serial No. 238,956. PUBLISHED FEBRUARY 8, 1927.

226,725. MARKING AND STENCILING INKS. BINNEY & SMITH COMPANY, New York, N. Y.
Filed October 5, 1926. Serial No. 238,158. PUBLISHED FEBRUARY 8, 1927.

226,726. FOUNTAIN PENS. THE PARKER PEN COMPANY, Janesville, Wis.
Filed October 4, 1926. Serial No. 238,136. PUBLISHED JANUARY 25, 1927.

226,727. FOUNTAIN PENS. THE PARKER PEN COMPANY, Janesville, Wis.
Filed October 4, 1926. Serial No. 238,135. PUBLISHED JANUARY 25, 1927.

226,728. COTTON PIECE GOODS, ARTIFICIAL SILK, AND MIXTURES THEREOF. M. C. D. BORDEN & SONS, INC., New York, N. Y.
Filed September 23, 1926. Serial No. 237,588. PUBLISHED FEBRUARY 8, 1927.

226,729. MALT TONIC BEVERAGES AND SIRUPS THEREFOR. JOHN A. SELBY, doing business as The Malto-Hopo Company, Oakland, Calif., and Camden, N. J.
Filed September 22, 1926. Serial No. 237,567. PUBLISHED FEBRUARY 8, 1927.

226,730. RELISH MADE FROM SELECTED FRUITS AND SPICES, AND MARMALADE. ARTHUR WYNNE, doing business as Aird Products Co., Boonton, N. J.
Filed September 21, 1926. Serial No. 237,525. PUBLISHED FEBRUARY 8, 1927.

226,731. AEROPLANES. NATIONAL AIRWAYS SYSTEM, Lomax, Ill.
Filed December 18, 1926. Serial No. 241,668. PUBLISHED FEBRUARY 8, 1927.

226,732. FABRIC FORMED OF WOVEN SPLINTS, STRIPS, OR SLATS AND THREAD, CORD, TAPE, OR WIRE FOR SHADES, SCREENS, CURTAINS, AND THE LIKE. HOUGH SHADE CORPORATION, Janesville, Wis.
Filed December 17, 1926. Serial No. 241,622. PUBLISHED FEBRUARY 8, 1927.

226,733. SOLUBLE DISINFECTANT TABLETS. CREOFLOAT MANUFACTURING CO., Seattle, Wash.
Filed December 17, 1926. Serial No. 241,605. PUBLISHED FEBRUARY 8, 1927.

226,734. BICYCLES. SUPPLEE-BIDDLE HARDWARE COMPANY, Philadelphia, Pa.
Filed December 16, 1926. Serial No. 241,588. PUBLISHED FEBRUARY 8, 1927.

226,735. WHISKY. CORNING DISTILLING CO., Peoria, Ill.
Filed December 11, 1926. Serial No. 241,328. PUBLISHED FEBRUARY 8, 1927.

226,736. AFTER-SHAVING AND FACE LOTIONS AND OINTMENTS. CHARLES E. WILLIAMS, Norwood, Ohio.
Filed December 8, 1926. Serial No. 241,191. PUBLISHED FEBRUARY 8, 1927.

226,737. PREPARATIONS FOR THE TREATMENT OF INDIGESTION, URIC-ACID CONDITIONS, CONSTIPATION, HEADACHES DUE TO LIVER DISORDERS, EXCESSIVE USE OF ALCOHOLIC BEVERAGES; LAXATIVE PREPARATIONS, DIURETIC PREPARATIONS, AND ELIMINANT PREPARATIONS. MANUEL S. VALLDEJULI, doing business as The Picot Company, Buffalo, N. Y.
Filed August 30, 1926. Serial No. 236,667. PUBLISHED DECEMBER 14, 1926.

226,738. ANTIFREEZING SOLUTION. LYON-MOODY COMPANY, Bradford, Pa.
Filed August 18, 1926. Serial No. 236,138. PUBLISHED FEBRUARY 8, 1927.

226,739. METAL-RAILWAY TRACK BRACES, ALSO KNOWN AS GAUGE RODS. THOMAS H. EDELBLUTE, doing business as T. H. Edelblute Company, Pittsburgh, Pa.
Filed August 18, 1926. Serial No. 236,122. PUBLISHED FEBRUARY 8, 1927.

226,740. LAVATORIES, FLUSH TANKS, HOPPERS, FOR PULLMAN-CAR TOILETS, AND VITREOUS CHINA BOWLS FOR TOILETS AND WASH-STANDS, FAUCET HANDLES, KNOBS, AND ESCUTCHEONS. CHICAGO POTTERY CO., Chicago, Ill.
Filed September 17, 1926. Serial No. 237,356. PUBLISHED FEBRUARY 8, 1927.

226,741. CANDY. AGNES M. GAUTREAU, Boston, Mass.
Filed November 17, 1926. Serial No. 240,183. PUBLISHED FEBRUARY 8, 1927.

226,742. DRIED FRUITS—NAMELY, RAISINS, APRICOTS, FIGS, GRAPES, PEACHES, PRUNES, PLUMS, NECTARINES, AND PEARS. J. B. INDERRIEDEN CO., Chicago, Ill.
Filed August 16, 1926. Serial No. 236,040. PUBLISHED NOVEMBER 30, 1926.

226,743. GLUES, CEMENTS, AND GLUE CEMENT. L. W. FERDINAND & Co., Boston, Mass.
Filed August 12, 1926. Serial No. 235,885. PUBLISHED FEBRUARY 8, 1927.

226,744. FRESH CANTALOUPES. IMPERIAL PRODUCE CO., Brawley, Calif.
Filed July 26, 1926. Serial No. 235,140. PUBLISHED FEBRUARY 8, 1927.

226,745. CANNED VEGETABLES. F. GIANFRANCHI, doing business as Hatikvah Trading Co., Boston, Mass.
Filed December 22, 1926. Serial No. 241,820. PUBLISHED FEBRUARY 8, 1927.

226,746. RUBBER INNER TUBES FOR PNEUMATIC TIRES. THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis.
Filed December 22, 1926. Serial No. 241,818. PUBLISHED FEBRUARY 8, 1927.

226,747. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. CHENEY BROTHERS, South Manchester, Conn.
Filed December 22, 1926. Serial No. 241,810. PUBLISHED FEBRUARY 8, 1927.

226,748. CANDY. MALCOLM G. GIBBS, doing business as Mammy Lou Candy Co., Washington, D. C.
Filed November 17, 1926. Serial No. 240,185. PUBLISHED FEBRUARY 8, 1927.

226,749. MONTHLY MAGAZINE. EUGENE SKINNER, Omaha, Nebr.
Filed December 21, 1926. Serial No. 241,795. PUBLISHED FEBRUARY 8, 1927.

226,750. PIECE GOODS OF SILK, RAYON, AND MIXTURES OF THESE MATERIALS. DUPLAN SILK CORPORATION, New York, N. Y.
Filed December 21, 1926. Serial No. 241,770. PUBLISHED FEBRUARY 8, 1927.

226,751. CLOTH IN THE PIECE COMPOSED OF A MIXTURE OF RAYON AND COTTON. AMERICAN RAYON PRODUCTS CORPORATION, New York, N. Y.
Filed December 21, 1926. Serial No. 241,766. PUBLISHED FEBRUARY 8, 1927.

226,752. SOAP IN PASTE FORM. WOODARD BEAR PRODUCTS COMPANY, Duluth, Minn.
Filed December 20, 1926. Serial No. 241,721. PUBLISHED FEBRUARY 8, 1927.

226,753. SOAP. THE J. B. WILLIAMS COMPANY, Glastonbury, Conn.
Filed December 20, 1926. Serial No. 241,720. PUBLISHED FEBRUARY 8, 1927.

226,754. BIMONTHLY MAGAZINE. DENNISON MANUFACTURING COMPANY, Framingham, Mass.
Filed December 20, 1926. Serial No. 241,700. PUBLISHED FEBRUARY 8, 1927.

226,755. COLD CREAM. DAGGETT & RAMSDELL, New York, N. Y.
Filed December 20, 1926. Serial No. 241,698. PUBLISHED FEBRUARY 8, 1927.

226,756. METAL POLISHES. I-Bis LABORATORIES, INC., New York, N. Y.
Filed December 17, 1926. Serial No. 241,623. PUBLISHED FEBRUARY 8, 1927.

226,757. MALT SIRUP FOR FOOD PURPOSES. VICTOR NEUSTADTL, New York, N. Y.
Filed December 4, 1926. Serial No. 240,990. PUBLISHED FEBRUARY 8, 1927.

226,758. FINGER RINGS, BAR PINS, SCARF PINS, BRACELETS, SAUTOIRS, WATCH CHAINS, GEM SETTINGS, MESH BAGS, VANITY CASES, BARRETTES, BROOCHES, BELT BUCKLES, COLLAR PINS, CIGARETTE CASES, CIGAR CUTTERS, COLLAR BUTTONS, EARRINGS, WATCH FOBS, NECKLACES, NECK CHAINS, NECKLACE CLASPS, MEDALS, CUFF BUTTONS, SHOE BUCKLES, LOCKETS, TIE CLASPS, WATCH-CHAIN SNAPS, AND VEIL PINS, ALL OF THE ABOVE-NAMED ARTICLES BEING MADE OF OR COATED WITH PRECIOUS METAL. KATZ & OGUSH, INC., New York, N. Y.
Filed December 4, 1926. Serial No. 240,979. PUBLISHED FEBRUARY 1, 1927.

226,759. WATCHES, WATCHCASES, AND WATCH MOVEMENTS. KATZ & OGUSH, INC., New York, N. Y.
Filed December 4, 1926. Serial No. 240,978. PUBLISHED FEBRUARY 1, 1927.

226,760. BREAD, CAKE, CRACKERS, COOKIES, BISCUITS, PIES, AND DOUGHNUTS. FIRST NATIONAL STORES, INC., Boston, Mass.
Filed December 4, 1926. Serial No. 240,968. PUBLISHED FEBRUARY 8, 1927.

226,761. SPOOLS OF RAYON YARN. LEON BRICKMAN, New York, N. Y.
Filed December 8, 1926. Serial No. 240,901. PUBLISHED FEBRUARY 8, 1927.

226,762. LUGGAGE—NAMELY, HAND BAGS, UTILITY BAGS, AND TRAVELING BAGS. THE CUTINO COMPANY, Kansas City, Mo.
Filed May 8, 1926. Serial No. 231,811. PUBLISHED FEBRUARY 8, 1927.

226,763. ROOT BEER. GEORGE A. HANSEN, Provo, Utah.
Filed March 3, 1926. Serial No. 228,036. PUBLISHED FEBRUARY 8, 1927.

226,764. DRAWN-METAL COVERED BUCKETS, CANISTERS, MILK CANS, GARBAGE PAILS, ODORLESS PAILS, WATER PAILS. THE VOLKART CO., Sheboygan, Wis.
Filed November 6, 1925. Serial No. 222,996. PUBLISHED FEBRUARY 8, 1927.

226,765. PERFUMES CONTAINED IN AN ENSEMBLE OF SMALL RECEPTACLES OR BOTTLES, THE RECEPTACLES HAVING THE APPEARANCE OF LARGE PEARLS AND BEING ARRANGED IN A SUITABLE CASE OF SEMICIRCULAR FORM. SOCIETE PARISIENNE D'ESSENCES RARES ET DE PARFUMS, Paris, France.
Filed November 5, 1925. Serial No. 222,886. PUBLISHED FEBRUARY 8, 1927.

226,766. NONALCOHOLIC MALT BEVERAGE. THE ROBERT SMITH CORPORATION, Philadelphia, Pa.
Filed May 20, 1925. Serial No. 214,567. PUBLISHED SEPTEMBER 28, 1926.

226,767. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. CHARTERS-HAYES COMPANY, Corona, Calif.
Filed December 27, 1926. Serial No. 241,924. PUBLISHED FEBRUARY 8, 1927.

226,768. REMEDY FOR REVIVING AND PROMOTING THE BETTER FUNCTIONING OF THE ORGANS AND NERVES; FOR INCREASING VITALITY, TO ELIMINATE CAUSES AND CONSEQUENCES OF UNTIMELY GRAYING HAIR, AND TO PREVENT PREMATURE OLD AGE. BENEDICT BOTTMAR, doing business as Be-Ro-Laboratory, Brooklyn, N. Y.
Filed December 24, 1926. Serial No. 241,960. PUBLISHED FEBRUARY 8, 1927.

226,769. CANDIES. W. P. CHASE CANDY CORP., Brooklyn, N. Y.
Filed December 24, 1926. Serial No. 241,925. PUBLISHED FEBRUARY 8, 1927.

226,770. ROTATORS IN THEIR NATURAL STATE. BUCHER DISTRIBUTING COMPANY, Hastings, Fla.
Filed December 24, 1926. Serial No. 241,923. PUBLISHED FEBRUARY 8, 1927.

226,771. CANNED SPIRITS, CANNED VEGETABLES, AND DRIED FRUITS. SMITH-FRANK PACKING COMPANY, Sacramento, Calif.
Filed December 23, 1926. Serial No. 241,907. PUBLISHED FEBRUARY 8, 1927.

226,772. FRESH PEARS, FRESH PEACHES, FRESH PLUMS, AND FRESH GRAPES. H. W. BARTELL, Mayhews, Calif.
Filed December 23, 1926. Serial No. 241,858. PUBLISHED FEBRUARY 8, 1927.

226,773. WOOLEN KNITTED AND TEXTILE FABRIC IN THE PIECE. THE WORCESTER KNITTING CO., New York, N. Y., and Worcester, Mass.
Filed December 22, 1926. Serial No. 241,848. PUBLISHED FEBRUARY 8, 1927.

226,774. BAKING POWDER. SUN-MAID RAISIN GROWERS OF CALIFORNIA, Fresno, Calif.
Filed December 22, 1926. Serial No. 241,846. PUBLISHED FEBRUARY 8, 1927.

226,775. SIRUPS USED IN THE MANUFACTURE OF NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND NONALCOHOLIC CORDIALS OF VARIOUS FLAVORS. PAN-AMERICAN MFG. CO. LTD., New Orleans, La.
Filed December 22, 1926. Serial No. 241,834. PUBLISHED FEBRUARY 8, 1927.

226,776. MEDICINAL PREPARATION FOR THE TREATMENT OF GOITER, PYORRHEA, CATARRH, AND HEAD AND THROAT DISEASES. THOMAS A. NERDEN, Ogden, Utah.
Filed December 20, 1926. Serial No. 241,740. PUBLISHED FEBRUARY 8, 1927.

226,777. TEXTILE FABRICS—NAMELY, SILK, ARTIFICIAL SILK, WOOL, AND COTTON AND COMBINATIONS THEREOF IN THE PIECE. THE HELLWIG SILK DYEING COMPANY, Philadelphia, Pa.
Filed December 20, 1926. Serial No. 241,716. PUBLISHED FEBRUARY 8, 1927.

226,778. TEXTILE RUGS. HARDWICK & MAGEE COMPANY, Philadelphia, Pa.
Filed December 20, 1926. Serial No. 241,715. PUBLISHED FEBRUARY 8, 1927.

226,779. CHEMICAL COMPOUND USED FOR THE CLEANING OF STEAM BOILERS. W. H. & L. D. BETZ, Philadelphia, Pa.
Filed December 20, 1926. Serial No. 241,690. PUBLISHED FEBRUARY 8, 1927.

226,780. BUTTER, COFFEE, CANDY; NUTS—NAMELY, SALTED, CANDIED, AND IN THEIR NATURAL STATE. WILLIAM PRENTISS, Jr., Long Beach, Calif.
Filed November 15, 1926. Serial No. 240,091. PUBLISHED FEBRUARY 8, 1927.

226,781. PERIODICAL TRADE OR CLASS PUBLICATION FOR BUILDING PLANS. WILLIAM A. RADFORD, Chicago, Ill.
Filed November 12, 1926. Serial No. 240,003. PUBLISHED FEBRUARY 8, 1927.

226,782. RUBBER-SOLVENT NAPHTHA, A PRODUCT OF PETROLEUM. ANDERSON-PRICHARD OIL CORPORATION, Oklahoma City, Okla.
Filed November 12, 1926. Serial No. 239,958. PUBLISHED FEBRUARY 1, 1927.

226,783. ELECTRICALLY-OPERATED SUCTION CLEANERS. THE SCOTT AND FETZER COMPANY, Cleveland Ohio.
Filed November 14, 1925. Serial No. 223,340. PUBLISHED FEBRUARY 1, 1927.

226,784. BATTERY ELIMINATORS FOR RADIO RECEIVING SETS. ACME APPARATUS COMPANY, Cambridge, Mass.
Filed November 12, 1925. Serial No. 223,155. PUBLISHED FEBRUARY 23, 1926.

226,785. SCALP SALVE, SCALP OINTMENT, AND HAND AND FACE LOTIONS. AMANDA HASTAD, New York, N. Y.
Filed October 27, 1925. Serial No. 222,378. PUBLISHED FEBRUARY 9, 1926.

226,786. REPRODUCTIONS OF HOMES WITH PLANS, DESIGNS, DIAGRAMS, AND DESCRIPTIVE MATTER FOR SAME. WILLIAM A. RADFORD, Chicago, Ill.
Filed September 19, 1925. Serial No. 220,465. PUBLISHED FEBRUARY 8, 1927.

226,787. COFFEE. L. H. PARKE COMPANY, Philadelphia, Pa.
Filed August 29, 1925. Serial No. 219,552. PUBLISHED DECEMBER 1, 1925.

226,788. KNITTED, NETTED, AND TEXTILE FABRICS. M. RICH & BROS. CO., Atlanta, Ga.
Filed June 24, 1925. Serial No. 216,361. PUBLISHED FEBRUARY 8, 1927.

226,789. WRAPPING, WRITING, AND PRINTING PAPER; PASTEBOARD AND BRISTOL BOARD. E. J. STILWELL PAPER COMPANY, St. Paul, Minn.
Filed January 31, 1925. Serial No. 208,932. PUBLISHED FEBRUARY 8, 1927.

226,790. STRUCTURAL ELEMENTS AND ACCESSORIES FOR AUTOMOBILES. F. FAUDI, G. M. B. H., Dusseldorf-Oberkassel, Germany.
Filed December 19, 1924. Serial No. 206,949. PUBLISHED FEBRUARY 8, 1927.

226,791. MEN'S OVERCOATS AND SACK COATS. THE STEIN-BLOCH CO., Rochester, N. Y.
Filed November 19, 1924. Serial No. 205,568. PUBLISHED FEBRUARY 8, 1927.

226,792. METAL SHOE SHANKS OR STIFFENERS. FRANK G. DELBON, Brooklyn, N. Y.
Filed November 10, 1924. Serial No. 205,052. PUBLISHED DECEMBER 23, 1924.

226,793. CERTAIN NAMED FOODS AND INGREDIENTS OF FOODS. B. A. RAILTON CO., Chicago, Ill.
Filed October 12, 1923. Serial No. 186,929. PUBLISHED FEBRUARY 8, 1927.

226,794. CERTAIN NAMED FOODS AND INGREDIENTS OF FOODS. B. A. RAILTON CO., Chicago, Ill.
Filed October 12, 1923. Serial No. 186,927. PUBLISHED FEBRUARY 8, 1927.

226,795. BOILER COMPOUNDS. THE PYRO CORROSANTI CO. INC., Dover, N. J.
Filed October 2, 1926. Serial No. 238,072. PUBLISHED FEBRUARY 8, 1927.

226,796. VENDING MACHINES. VENDIX, INC., New York, N. Y.
Filed December 27, 1926. Serial No. 242,031. PUBLISHED FEBRUARY 8, 1927.

226,797. COTTON PIECE GOODS. PACIFIC MILLS, Lawrence and Boston, Mass.
Filed January 5, 1927. Serial No. 242,390. PUBLISHED FEBRUARY 8, 1927.

226,798. BOOKRACKS. PRESSED AND WELDED STEEL PRODUCTS CO. INC., Long Island City, N. Y.
Filed December 28, 1926. Serial No. 242,066. PUBLISHED FEBRUARY 8, 1927.

226,799. MOVING-PICTURE FILMS. THE BRAY PRODUCTIONS, INC., New York, N. Y.
Filed December 29, 1926. Serial No. 242,082. PUBLISHED FEBRUARY 8, 1927.

226,800. LIQUID SOAP. PERKINS SOAP COMPANY, Springfield, Mass.
Filed December 29, 1926. Serial No. 242,189. PUBLISHED FEBRUARY 8, 1927.

226,801. FIBER RUGS. WAITE CARPET CO., Oshkosh, Wis.
Filed December 29, 1926. Serial No. 242,160. PUBLISHED FEBRUARY 8, 1927.

226,802. MONTHLY MAGAZINE. LORENZ PUBLISHING COMPANY, Dayton, Ohio.
Filed November 27, 1926. Serial No. 240,667. PUBLISHED FEBRUARY 8, 1927.

226,803. LIQUID GAUGES. THE BOSTON AUTO GAGE COMPANY, Pittsfield, Mass.
Filed December 31, 1926. Serial No. 242,224. PUBLISHED FEBRUARY 8, 1927.

226,804. FRESH VEGETABLES. THOS. G. CHUNG & Co., Los Angeles, Calif.
Filed December 23, 1926. Serial No. 241,869. PUBLISHED FEBRUARY 8, 1927.

226,805. FRESH ORANGES, LEMONS, AND GRAPEFRUIT. BALL & TWEEDY, Downey, Calif.
Filed December 23, 1926. Serial No. 241,857. PUBLISHED FEBRUARY 8, 1927.

226,806. FURNITURE—NAMELY, BENT-WOOD CHAIRS, TABLES, SHOE-FITTING STOOLS, HIGH CHAIRS, COSTUMERS, SERVING TRAYS, AND HEAD-WAITERS' DESKS. THONET BROTHERS, INC., New York, N. Y.
Filed July 31, 1926. Serial No. 235,438. PUBLISHED FEBRUARY 8, 1927.

226,807. FURNITURE—NAMELY, BENT-WOOD CHAIRS, TABLES, SHOE-FITTING STOOLS, HIGH CHAIRS, COSTUMERS, SERVING TRAYS, AND HEAD-WAITERS' DESKS. THONET BROTHERS, INC., New York, N. Y.
Filed July 31, 1926. Serial No. 235,439. PUBLISHED FEBRUARY 8, 1927.

226,808. MEN'S TOPCOATS, OVERCOATS, AND THREE OR FOUR PIECE SUITS. THE AMERICAN RETAIL STORES CO., Columbus, Ohio, and Indianapolis, Ind.
Filed August 2, 1926. Serial No. 235,449. PUBLISHED FEBRUARY 8, 1927.

226,809. GLASS FLASKS. THE IMPERIAL TRUST FOR THE ENCOURAGEMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, London, England.
Filed August 10, 1926. Serial No. 235,776. PUBLISHED FEBRUARY 8, 1927.

226,810. GLASS FLASKS. THE IMPERIAL TRUST FOR THE ENCOURAGEMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, London, England.
Filed August 10, 1926. Serial No. 235,780. PUBLISHED FEBRUARY 8, 1927.

226,811. FRUIT AND VEGETABLE SIZING OR GRADING MACHINES AND PACKING TABLES AND HOPPERS USED IN CONNECTION WITH FRUIT AND VEGETABLE SIZING OR GRADING MACHINES OR FORMING PART OF FRUIT AND VEGETABLE PACKING EQUIPMENT. ROCHESTER REX COMPANY, INC., Rochester, N. Y.
Filed May 17, 1926. Serial No. 231,756. PUBLISHED FEBRUARY 8, 1927.

226,812. GLOVES OF LEATHER. CHARLES PERRIN & CIE, Grenoble, France.
Filed June 14, 1926. Serial No. 233,223. PUBLISHED FEBRUARY 1, 1927.

226,813. PISTON RINGS. LIONEL D. BAX, doing business as L. D. Bax Manufacturing Co., Denver, Colo.
Filed June 21, 1926. Serial No. 233,522. PUBLISHED FEBRUARY 8, 1927.

226,814. FRESH VEGETABLES—NAMELY, LETTUCE; MELONS—NAMELY, FRESH CANTALOUPES; FRESH GRAPES; FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, GRAPEFRUIT; FRESH DECIDUOUS FRUITS—NAMELY, APPLES. DE WITT T. PILCHARD, doing business as Pilchard Fruit Co., Los Angeles, Calif.
Filed June 25, 1926. Serial No. 233,746. PUBLISHED FEBRUARY 8, 1927.

226,815. SPECIALLY-PREPARED CORN FOR USE IN MAKING TORTILLAS. SOUTH TEXAS GRAIN COMPANY, Houston, Tex.
Filed July 2, 1926. Serial No. 234,055. PUBLISHED FEBRUARY 8, 1927.

226,816. HAIR TONICS, SKIN REMEDIES, HAIR-DRESSINGS, MASSAGE CREAMS, ANTISEPTICS, AND INSECT-BITE REMEDIES. ALFRED J. KRANK, St. Paul, Minn.
Filed July 3, 1926. Serial No. 234,129. PUBLISHED FEBRUARY 8, 1927.

226,817. RUBBER PATCH FOR AUTOMOBILE TIRES, TUBES, AND OTHER RUBBER SURFACES. DIXIE MANUFACTURING CO. INC., Jackson, Miss.
Filed July 6, 1926. Serial No. 234,198. PUBLISHED FEBRUARY 8, 1927.

226,818. CIGARS. FERNANDEZ, PALICIO Y CIA. S. EN C., Habana, Cuba.
Filed July 13, 1926. Serial No. 234,469. PUBLISHED FEBRUARY 8, 1927.

226,819. CAPSULES AND A LIQUID PREPARATION FOR DOGS. POLK MILLER PRODUCTS CORPORATION, Richmond, Va.
Filed April 28, 1926. Serial No. 230,839. PUBLISHED JULY 13, 1926.

226,820. RUBBER-COVERED FABRIC GLOVES. THE GATES RUBBER COMPANY, Denver, Colo.
Filed May 3, 1926. Serial No. 231,035. PUBLISHED FEBRUARY 8, 1927.

226,821. PIECE GOODS MADE OF COTTON, SILK, COTTON AND SILK MIXTURE, RAYON, ALPACA, AND MOHAIR. HENRY A. DIX & SONS CORPORATION, New York, N. Y.
Filed May 5, 1926. Serial No. 231,143. PUBLISHED FEBRUARY 8, 1927.

226,822. WOVEN COTTON FABRICS INCLUDING COTTON FLANNELS. ROANOKE MILLS COMPANY, Roanoke Rapids, N. C.
Filed May 8, 1926. Serial No. 231,345. PUBLISHED FEBRUARY 8, 1927.

226,823. CRAFT PAPER, BOND PAPER, MANILA PAPER, AND TRANSVERSELY-PERFORATED PAPER, BOTH GUMMED AND UNGUMMED, SOLD IN ROLLS. MID-STATES GUMMED PAPER COMPANY, Chicago, Ill.
Filed May 10, 1926. Serial No. 231,392. PUBLISHED FEBRUARY 8, 1927.

226,824. FUDGE. GOLDEN NUGGET SWEETS, San Francisco, Calif.
Filed November 11, 1926. Serial No. 239,929. PUBLISHED FEBRUARY 8, 1927.

226,825. LEATHER OUTER SOLES. INTERNATIONAL SHOE COMPANY, St. Louis, Mo.
Filed November 11, 1926. Serial No. 239,934. PUBLISHED FEBRUARY 8, 1927.

226,826. INNER TUBES OF RUBBER COMPOUND. PUBLIC SERVICE TIRE & RUBBER CO., INC., Brooklyn, N. Y.
Filed November 11, 1926. Serial No. 239,948. PUBLISHED FEBRUARY 8, 1927.

226,827. SAWS OF ALL KINDS, INCLUDING BAND SAWS, RIP AND PANEL SAWS, CROSSCUT SAWS, WOOD (BUCK) SAWS, DRAG SAWS, CIRCULAR SAWS; MACHINE KNIVES OF ALL KINDS, TROWELS, SCRAPERS, CORN KNIVES, CANE KNIVES, SCRAPER BLADES, SHEAR BLADES FOR CUTTING METALS, SAW SWAGES, SAW-FITTING TOOLS, CIRCULAR KNIVES, GRASS HOOKS, DITCH-BANK CUTTERS, SAW HANDLES, SAW VISES, AND BEET-TOPPING KNIVES. E. C. ATKINS & COMPANY, Indianapolis, Ind.
Filed November 8, 1926. Serial No. 239,784. PUBLISHED FEBRUARY 8, 1927.

226,828. BOOK AND COVER PAPER. STRATHMORE PAPER COMPANY, Mittineague, Mass.
Filed November 8, 1926. Serial No. 239,831. PUBLISHED FEBRUARY 8, 1927.

226,829. BUTTER. AARON J. GROBSTEIN, New York N. Y.
Filed December 6, 1926. Serial No. 241,035. PUBLISHED FEBRUARY 8, 1927.

226,830. EGGS. AARON J. GROBSTEIN, New York, N. Y.
Filed December 6, 1926. Serial No. 241,034. PUBLISHED FEBRUARY 8, 1927.

226,831. PERIODICAL. POULTRY SCIENCE ASSOCIATION, Urbana, Ill.
Filed December 9, 1926. Serial No. 241,238. PUBLISHED FEBRUARY 8, 1927.

226,832. FORMULA FOR LEUCORRHEA IN LIQUID AND TABLET FORM. MYERIN PRODUCTS CO., INC., Buffalo, N. Y.
Filed December 7, 1926. Serial No. 241,113. PUBLISHED FEBRUARY 8, 1927.

226,833. COMBINED LIBRARY STEPS AND STOOL. JOHN WANAMAKER NEW YORK, New York, N. Y.
Filed December 6, 1926. Serial No. 241,075. PUBLISHED FEBRUARY 8, 1927.

226,834. WHEAT FLOUR. HYLTON FLOUR MILLS, INC., Ogden, Utah.
Filed December 10, 1926. Serial No. 241,284. PUBLISHED FEBRUARY 8, 1927.

226,835. MONTHLY MAGAZINE. THE HOOSIER MOTOR CLUB, Indianapolis, Ind.
Filed December 10, 1926. Serial No. 241,281. PUBLISHED FEBRUARY 8, 1927.

226,836. DAILY EVENING NEWSPAPER. THE COMMERCIAL PUBLISHING COMPANY, Memphis, Tenn.
Filed December 10, 1926. Serial No. 241,262. PUBLISHED FEBRUARY 8, 1927.

226,837. MAGAZINE PUBLISHED TWICE A MONTH. BAKERS' HELPER CO., Chicago, Ill.
Filed December 13, 1926. Serial No. 241,384. PUBLISHED FEBRUARY 8, 1927.

226,838. WOOLENS AND WORSTEDS IN THE PIECE. ANDREW'S MILL CO., Andrew's Village, Woonsocket, R. I.
Filed December 13, 1926. Serial No. 241,382. PUBLISHED JANUARY 18, 1927.

226,839. HYDROGEN, OXYGEN, AND ACETYLENE GASES. ACME OXYGEN COMPANY, Chicago, Ill.
Filed December 13, 1926. Serial No. 241,366. PUBLISHED FEBRUARY 8, 1927.

226,840. MONTHLY MAGAZINE. CLARE M. EELY, Washington, D. C.
Filed December 15, 1926. Serial No. 241,523. PUBLISHED FEBRUARY 8, 1927.

226,841. LADIES' HATS. CATALINA HATS, INC., San Francisco, Calif.
Filed December 14, 1926. Serial No. 241,472. PUBLISHED FEBRUARY 8, 1927.

226,842. MATTRESSES, CUSHIONS, AUTOMOBILE SEATS, AND SPIRAL SPRINGS AS USED IN THE MANUFACTURE THEREOF. PEERLESS SPRINGS, INC., Philadelphia, Pa.
Filed December 13, 1926. Serial No. 241,434. PUBLISHED FEBRUARY 8, 1927.

226,843. MONTHLY BULLETIN. NATIONAL DISTRIBUTORS' ASSOCIATION, Peoria, Ill.
Filed December 15, 1926. Serial No. 241,589. PUBLISHED FEBRUARY 8, 1927.

226,844. LOOSE-LEAF BOOKS. MCMILLAN BOOK COMPANY, Syracuse, N. Y.
Filed December 15, 1926. Serial No. 241,336. PUBLISHED JANUARY 25, 1927.

226,845. MONTHLY PUBLICATION. HAYS MANUFACTURING CO., Erie, Pa.
Filed December 15, 1926. Serial No. 241,529. PUBLISHED FEBRUARY 8, 1927.

226,846. CIGARS. H. FENDRICH, INCORPORATED, Evansville, Ind.
Filed December 15, 1926. Serial No. 241,526. PUBLISHED FEBRUARY 8, 1927.

226,847. CIGARS. H. FENDRICH, INCORPORATED, Evansville, Ind.
Filed December 15, 1926. Serial No. 241,525. PUBLISHED FEBRUARY 8, 1927.

226,848. PERIODICAL PUBLICATION. THE REFINERS OIL CO., Dayton, Ohio.
Filed December 15, 1926. Serial No. 241,543. PUBLISHED FEBRUARY 8, 1927.

226,849. CHEWING GUM. THE UNITED CHICLE CO., Toledo, Ohio.
Filed September 7, 1926. Serial No. 236,969. PUBLISHED FEBRUARY 8, 1927.

226,850. BLOTTING PAPER. THE WRENN PAPER COMPANY, Middletown, Ohio.
Filed September 7, 1926. Serial No. 236,977. PUBLISHED FEBRUARY 8, 1927.

226,851. SISAL ROPE AND FOR GOODS OF THE NATURE OF TWINE OR ROPE, SUCH AS PLY GOODS, LATH YARN, AND FODDER YARN. AJAX ROPE COMPANY, INC., New York, N. Y.
Filed October 30, 1926. Serial No. 239,455. PUBLISHED FEBRUARY 8, 1927.

226,852. ROPE. AJAX ROPE COMPANY, INC., New York, N. Y.
Filed October 30, 1926. Serial No. 239,456. PUBLISHED FEBRUARY 8, 1927.

226,853. MANILA ROPE. AJAX ROPE COMPANY, INC., New York, N. Y.
Filed October 30, 1926. Serial No. 239,457. PUBLISHED FEBRUARY 8, 1927.

226,854. CERTAIN NAMED FOODS AND INGREDIENTS OF FOODS. SAFEWAY STORES, INCORPORATED, Los Angeles, Calif.
Filed November 2, 1926. Serial No. 239,599. PUBLISHED FEBRUARY 8, 1927.

226,855. WOMEN'S, MISSES', AND CHILDREN'S COATS, SUITS, DRESSES, MILLINERY—NAMELY, WOOL FELTS, ALL SILKS, SILK AND COTTON COMBINATIONS, RAYONS, COTTONS, STRAWS, STRAW COMBINATIONS IN BOTH TRIMMED AND UNTRIMMED HATS, HOSIERY, UNDERWEAR OF KNITTED AND TEXTILE FABRICS IN ALL SILK, COTTON, AND SILK AND COTTON COMBINATIONS THEREOF, AND SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF. MILTON LICHTENSTEIN, doing business as Milton Lichtenstein & Co., New York, N. Y.
Filed November 5, 1926. Serial No. 239,710. PUBLISHED FEBRUARY 8, 1927.

226,856. LEATHER SHOES. WEISS SHOE STORES, INC., Boston, Mass.
Filed November 6, 1926. Serial No. 239,779. PUBLISHED FEBRUARY 1, 1927.

226,857. FRUIT PRESERVES. FRANKLIN MACVEAGH & COMPANY, Chicago, Ill.
Filed August 23, 1926. Serial No. 236,829. PUBLISHED FEBRUARY 8, 1927.

226,858. MEDICINAL PREPARATION USED IN THE TREATMENT OF LA GRIPPE, CATARRH, COLDS, HEADACHES, COUGHS, BILIOUSNESS, NEURALGIA, INFLUENZA, AND CONSTIPATION. ANTI-GRIPINE COMPANY, Springfield, Mo.
Filed August 27, 1926. Serial No. 236,521. PUBLISHED FEBRUARY 8, 1927.

226,859. MEDICINE FOR PILES. DREWRY A. CARMICHAEL, doing business as Dac Pile Remedy Co., Madison, Ga.
Filed August 28, 1926. Serial No. 236,695. PUBLISHED FEBRUARY 8, 1927.

226,860. PHARMACEUTICAL AND MEDICAL PREPARATIONS—NAMELY, A LINIMENT FOR THE TREATMENT OF NERVOUS DISORDERS, NEURALGIA, RHEUMATISM, SHOOTING PAINS, ACHING BACK, AND ITCH. C. LEUFFEN & CIE, KOMMANDITGESELLSCHAFT, Eitorf/Sieg, Germany.
Filed August 28, 1926. Serial No. 236,614. PUBLISHED FEBRUARY 8, 1927.

226,861. SHAMPOO AND CORRECTIVE FOR DANDRUFF. EDWARD A. ZINK, doing business as The Co-Quin-Ol Company, New York, N. Y.
Filed September 3, 1926. Serial No. 236,860. PUBLISHED FEBRUARY 8, 1927.

226,862. PEPPIKIND CHEESE, AMERICAN CHEESE, SWISS CHEESE, PIMIENTO CHEESE, AND OTHER COMMON MAKES OF CHEESE. JESS L. TUTTLE, Oakland, Calif.
Filed October 6, 1926. Serial No. 238,288. PUBLISHED FEBRUARY 8, 1927.

226,863. BUTCHER'S STEELS. GUSTAV VOLK & Co., Aue-Schmalkalden, Germany, assignor to John Chatillon & Sons, New York, N. Y.
Filed October 11, 1926. Serial No. 238,467. PUBLISHED FEBRUARY 8, 1927.

226,864. PACKING FOR STUFFING BOXES. THE Q-P SIGNAL COMPANY, Needham Heights, Mass.
Filed October 18, 1926. Serial No. 238,809. PUBLISHED FEBRUARY 8, 1927.

226,865. CARBON BLACK, EMPLOYED IN VARIOUS INDUSTRIAL ARTS. EASTERN CARBON BLACK COMPANY, Charleston, W. Va.
Filed October 18, 1926. Serial No. 238,826. PUBLISHED FEBRUARY 8, 1927.

226,866. WORK SHIRTS OF WOOL AND COTTON. JOSEPH VIDERS, doing business as J. Viders Co., New York, N. Y.
Filed October 23, 1926. Serial No. 239,155. PUBLISHED FEBRUARY 8, 1927.

226,867. ENVELOPES. JOHN W. FITZGERALD, doing business as Ames Safety Envelope Company, Boston, Mass.
Filed October 25, 1926. Serial No. 239,169. PUBLISHED FEBRUARY 8, 1927.

226,868. SOAPS. GOLD DUST CORPORATION, Jersey City, N. J.
Filed October 25, 1926. Serial No. 239,171. PUBLISHED FEBRUARY 8, 1927.

226,869. ORNAMENTAL CUT OR MOLDED GLASSWARE NOT HAND PAINTED. JULES H. VENON, New York, N. Y.
Filed October 26, 1926. Serial No. 239,278. PUBLISHED FEBRUARY 8, 1927.

226,870. LOTION FOR POISON OAK AND POISON IVY. HIRAM E. THROWER, Southern Pines, N. C.
Filed October 27, 1926. Serial No. 239,335. PUBLISHED FEBRUARY 8, 1927.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

226,871. (CLASS 12. CONSTRUCTION MATERIALS.) SAGINAW TIMBER COMPANY, Aberdeen, Wash. Filed Nov. 3, 1926. Serial No. 239,627.



Particular description of goods.—Red Cedar Shingles.
Claims use since Jan. 1, 1922.

226,872. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. B. KISKY, doing business as J. B. Kisky and Company, Portland, Oreg. Filed Dec. 9, 1926. Serial No. 241,229.



Particular description of goods.—Biscuit Flour, a Prepared Food.
Claims use since June 1, 1924.

226,873. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) H. & A. SELMER, INC., New York, N. Y. Filed Dec. 23, 1926. Serial No. 241,906.



The trade-mark is the name of F. Barbier, deceased, a famous flute maker.
Particular description of goods.—Clarinets, Oboes, English Horns, Bassoons, Flutes, and Piccolos.
Claims use since 1912.

226,874. (CLASS 39. CLOTHING.) SEEGULL MANUFACTURING CO., Philadelphia, Pa. Filed Jan. 8, 1927. Serial No. 242,553.



Particular description of goods.—Textile Underwear for Men, Women, and Children.
Claims use since October, 1924.

226,875. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Feb. 13, 1926. Serial No. 227,267.

WHIRL-I-GIG

Particular description of goods.—Artificial Fish Lures—Namely, Spinners.
Claims use since Jan. 1, 1926.

226,876. (CLASS 2. RECEPTACLES.) CONTINENTAL BANK-SUPPLY COMPANY, Mexico, Mo. Filed Mar. 2, 1926. Serial No. 227,988.

BANK-SUPPLY
MEXICO, MO.

Particular description of goods.—Bank Supplies—Namely, Coin Bags.
Claims use since Jan. 15, 1926.

226,877. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE UNITED ELECTRIC COMPANY, Canton, Ohio. Filed Mar. 6, 1926. Serial No. 228,284.

The OHIO Model 3

Particular description of goods.—Electrically-Operated Vacuum Cleaners.
Claims use since July 1, 1925.

226,878. (CLASS 39 CLOTHING.) MURPHY AND SAVAL COMPANY, Chicago, Ill. Filed Apr. 8, 1926. Serial No. 229,869.

TOMORROW'S STYLES TODAY

Particular description of goods.—Leather Shoes.
Claims use since May, 1923.

226,879. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE WILMOT MANUFACTURING CO. LTD., Birmingham, England. Filed July 7, 1926. Serial No. 234,285.

CALORMETER

Particular description of goods.—Thermometers and Temperature-Indicating Devices for Use on Motor Cars.
Claims use since Feb. 2, 1926.

226,880. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FEDERAL TELEGRAPH COMPANY, San Francisco, Calif. Filed Aug. 7, 1926. Serial No. 235,694.

KOLSTER

Particular description of goods.—Complete Radio Broadcast Receiving Sets, Loop Antennæ, Loud Speakers, Telephone Head Sets, Cabinet-Type Loud Speakers, Cone-Type Loud Speakers, Phonograph Attachments for Radio Receiving Sets, and Electromagnetic Sound Reproducers.
Claims use since July 1, 1925.

226,881. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GLENDALE ENGINEERING CO., Glendale, Calif. Filed Oct. 27, 1924. Serial No. 204,453.

Tungsten

Particular description of goods.—Automobile Ignition Timers.
Claims use since May 5, 1924.

226,882. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NASH COFFEE COMPANY, Minneapolis, Minn. Filed Feb. 5, 1924. Serial No. 191,838.

Nash's Nash's

Particular description of goods.—Coffee.
Claims use since Oct. 1, 1923.

226,883. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAN-I-SAL LABORATORIES, INC., Washington, D. C. Filed Jan. 15, 1927. Serial No. 242,910.

Chapps

Particular description of goods.—Hand and Skin Lotion.
Claims use since February, 1924.

226,884. (CLASS 39. CLOTHING.) SOL SHERMAN, New York, N. Y. Filed Jan. 14, 1927. Serial No. 242,856.

SHERMAN'S

Particular description of goods.—Neckties.
Claims use since Mar. 1, 1926.

226,885. (CLASS 39. CLOTHING.) M. B. HAMILTON & Co., Leavenworth, Kans. Filed Jan. 11, 1927. Serial No. 242,666.

Dubleduty

Particular description of goods.—Work Gloves, Mittens, and Gauntlets, Made from Fabric and Combinations of Fabric and Leather.
Claims use since August, 1914.

226,886. (CLASS 39. CLOTHING.) M. B. HAMILTON & Co., Leavenworth, Kans. Filed Jan. 11, 1927. Serial No. 242,665.

Shovlers BEST

Particular description of goods.—Work Gloves, Mittens, and Gauntlets, Made from Fabric and Combinations of Fabric and Leather.
Claims use since July, 1915.

226,887. (CLASS 39. CLOTHING.) LICHTENSTEIN-MITTENTHAL CO., Dallas, Tex. Filed Jan. 10, 1927. Serial No. 242,598.

Lakewood

Particular description of goods.—Women's, Misses', and Children's Hats.
Claims use since about Dec. 15, 1925.

226,888. (CLASS 39. CLOTHING.) MAX M. HOFFMAN, doing business as Hoffman's, Boston, Mass. Filed Jan. 28, 1927. Serial No. 243,496.

Renault

Particular description of goods.—Hosiery and Woven and Knitted Underwear for Men and Women.
Claims use since August, 1920.

26,889. (CLASS 27. HOROLOGICAL INSTRUMENTS.) BULOVA WATCH COMPANY, INC., New York, N. Y. Filed Jan. 26, 1927. Serial No. 243,844.

BULOVA

Particular description of goods.—Watches, Watch Movements and Parts Thereof, and Watchcases.
Claims use since 1907.

226,890. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HARRY STERN, doing business as H. Plunkett, Philadelphia, Pa. Filed Jan. 25, 1927. Serial No. 243,327.

PLUNKETT'S

Particular description of goods.—Perfumes, Shampoo Salve, Hairdressing Oil, Hair Grower, Depilatory Powders, Shampoos, and Hair Tonics.
Claims use since Dec. 1, 1925.

226,891. (CLASS 15. OILS AND GREASES). FRANK B. COLGAN, doing business as Colgan Mfg. & Supply Co., New York, N. Y. Filed Jan. 25, 1927. Serial No. 243,306.

COLGANOIL

Particular description of goods.—Lubricating Oils.
Claims use since Jan. 2, 1910.

226,892. (CLASS 45. BEVERAGES, NONALCOHOLIC.) RAYMOND A. CLARK, doing business as Ray's Products Co., Pasadena, Calif. Filed Feb. 18, 1927. Serial No. 244,544.

MINTY

Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink and Sirups for Making the Same.
Claims use since July 16, 1925.

226,893. (CLASS 10. PAINTS AND PAINTERS' MATERIALS.) ARTHUR SOIBERG, doing business as Catskill Paint & Varnish Co., Chicago, Ill. Filed Feb. 16, 1927. Serial No. 244,476.

CATSKILL

Particular description of goods.—Ready-Mixed Paints, Varnishes, and Paint Enamels.
Claims use since about Jan. 15, 1924.

226,894. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) JOSEPH O'NEILL, doing business as Joseph O'Neill Wire Works, Port Chester, N. Y. Filed Feb. 14, 1927. Serial No. 244,365.

RHE-N-FORCED WEAVE

Particular description of goods.—Wire Cloth.
Claims use since July 1, 1925.

226,895. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) A. D. COOK, INCORPORATED, Lawrenceburg, Ind. Filed Feb. 10, 1927. Serial No. 244,139.

GENUINE COOK WELL SUPPLIES

Particular description of goods.—Deep-Well Pumps, Deep-Well Power Heads, Steam Pumping Engines, Power-Pump Standards, Windmill Force Pumps, City Hand-Pump Standards, Pole Catchers, Pump and Drill Rod Wrenches, Swage Blocks and Bar, Gum Packers, Lead Packers, Anchors and Spreaders, Jars, Pump-Rod Swivels, Pump-Rod Joints, Drill-Rod Joints, Augers, Inside Pipe Cutters, Ring and Wedge Pipe Pullers, Deep-Well Working Barrels, Double-Acting Barrels, and Double-Stroke Pump Rods.
Claims use since Feb. 1, 1924.

226,896. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JACOB MILLER'S SONS CO., Philadelphia, Pa. Filed Mar. 4, 1927. Serial No. 245,217.

CARDIFF-CORD

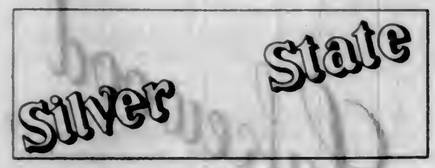
Particular description of goods.—Cotton Goods, Silk Goods, and Linen Goods and Mixtures of Cotton and Silk and Linen and Silk, All in the Piece.
Claims use since Sept. 1, 1920.

226,897. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HAROLD HERBERT, INC., Long Island City, N. Y. Filed Feb. 2, 1927. Serial No. 243,703.



Particular description of goods.—Radio Receiving Sets, Battery Eliminators, and Radio Voice Amplifiers.
Claims use since Aug. 15, 1925.

226,898. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOEL E. BAUMAN, Ordway, Colo., doing business as Crowley County Melon Growers Assn., assignor to Crowley County Melon Growers Association, Ordway, Colo., a Corporation of Colorado. Filed Oct. 26, 1925. Serial No. 222,301.



Particular description of goods.—Fresh Honeydew Melons and Fresh Cantaloupes.
Claims use since Aug. 18, 1925.

226,899. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GLASER, CRANDELL CO., Chicago, Ill. Filed Oct. 26, 1925. Serial No. 222,320.

Bred Spred

Particular description of goods.—A Compound Fruit Preserve.
Claims use since Oct. 22, 1925.

226,900. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SAUTER BROS., Galesburg, Ill. Filed Jan. 29, 1926. Serial No. 226,604.

KNOX

Particular description of goods.—Radio Receiving Sets.
Claims use since Nov. 11, 1925.

226,901. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PITTSBURGH PLATE GLASS COMPANY RENNOUS-KLEINLE DIVISION, Baltimore, Md. Filed Jan. 25, 1927. Serial No. 243,824.

FAIRFAX

Particular description of goods.—Brushes—Namely, Artists', Calcimine, Enamel, Fitch, Fresco, Floor-Sweeping, Flowing, Furniture-Rubbing, Glue, Lacquer, Paint, Paste, Paper-Hangers', Plasterers', Radiator, Roof, Sash, Ship-Seaming, Stain, Stucco, Stencil, Stippling, Varnish, Whitewash, Washing, and Counter, and Painters' and Stair Dusters.
Claims use since Sept. 14, 1925.

226,902. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) GOLDENHEIM CORPORATION, New York, N. Y. Filed Jan. 31, 1927. Serial No. 243,602.

DUSTPRUF

Particular description of goods.—Upholstery and Drapery Fabrics in the Piece Made of Cotton, and Cotton and Silk.
Claims use since about Nov. 7, 1925.

226,903. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE KLINKER MANUFACTURING CO., Cleveland, Ohio. Filed Feb. 7, 1927. Serial No. 243,053.

FACE-EASE

Particular description of goods.—After-Shaving Lotion and After-Shaving Talc.
Claims use since 1906.

226,904. (CLASS 45. BEVERAGES, NONALCOHOLIC.) MAX W. ROBINSON, doing business as New England Magnesia Co., Boston, Mass. Filed Mar. 3, 1927. Serial No. 245,180.

CUBAN DRY

Particular description of goods.—Ginger Ale.
Claims use since Nov. 11, 1925.

226,905. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) FOREST ELECTRIC CO., INC., Newark, N. J. Filed Dec. 7, 1926. Serial No. 241,096.

FOREST

Particular description of goods.—Battery-Testing Devices Comprising a Meter or Plurality of Meters for Taking Readings of Batteries Under Load.
Claims use since Nov. 1, 1924.

226,906. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MCCLINSTOCK-STERN CO. INC., San Francisco, Calif. Filed Dec. 13, 1926. Serial No. 241,423.

CLAREMONT

Particular description of goods.—Coffee, Tea, Spices, Seasonings Composed of Spices, Birdseed, Garlic Salt, and Celery Salt.
Claims use since 1912.

226,907. (CLASS 2. RECEPTACLES.) THE OHIO METAL UTENSIL COMPANY, Greenwich, Ohio. Filed Dec. 16, 1926. Serial No. 241,540.

KITCHEN KATCH-ALL

Particular description of goods.—Combination Strainers and Receptacles for Kitchen Refuse and the Like.
Claims use since Jan. 1, 1920.

226,908. (CLASS 45. BEVERAGES, NONALCOHOLIC.) IRA H. JEWELL, doing business as Jewell Water Co., Chicago, Ill. Filed Jan. 24, 1927. Serial No. 243,271.

THE JEWELL WATER

Particular description of goods.—Distilled Water.
Claims use since about 1923.

226,909. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) FOUNDRIES SERVICE CORPORATION, Dover, Del., and New York, N. Y. Filed Oct. 7, 1926. Serial No. 238,261.

WOOD PROCESS

Particular description of goods.—Flasks for Making Foundry Molds.
Claims use since June 24, 1925.

226,910. (CLASS 2. RECEPTACLES.) DWYER PAPER PRODUCTS COMPANY, Marion, Ind. Filed Nov. 8, 1926. Serial No. 239,800.

FIBRUS

Particular description of goods.—Pie Plates, Basins, Bowls, and Cups Made of Pulpboard or Pressed Paper Fiber.
Claims use since Oct. 14, 1925.

226,911. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE RICHLAND RUBBER COMPANY, Mansfield, Ohio. Filed Sept. 22, 1926. Serial No. 237,563.

HARWOOD

Particular description of goods.—Automobile Tires, Casings, and Inner Tubes.
Claims use since Feb. 9, 1926.

226,912. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) FOUNDRIES SERVICE CORPORATION, Dover, Del., and New York, N. Y. Filed Oct. 7, 1926. Serial No. 238,260.

WOOD PROCESS

Particular description of goods.—Patterns for Molding.
Claims use since June 24, 1925.

226,913. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE PHISTER MANUFACTURING COMPANY, Cincinnati, Ohio. Filed Sept. 20, 1926. Serial No. 237,472.

PHISTER

Particular description of goods.—Fire Extinguishers used to Project Extinguishing Fluids.
Claims use since July, 1920.

226,914. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) LOUIS M. WOLK, doing business as Star Products Co., Minneapolis, Minn. Filed Aug. 30, 1926. Serial No. 236,669.

"MAK-NU"
THE POLISH THAT RENEWS THE FINISH

Particular description of goods.—Furniture Polish
Claims use since Dec. 1, 1925.

226,915. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WEAVER JACKSON COMPANY, doing business as Willard's Famous Formula Laboratory, Los Angeles, Calif. Filed Aug. 12, 1926. Serial No. 235,905.

WILLARDS

Particular description of goods.—Cosmetics—Namely, Hairdressing and Face Cream.
Claims use since about Mar. 1, 1926.

226,916. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KELLOGG ICE CREAM CO., doing business as Kellogg Jell Powder Co., Burlington, Wis. Filed Apr. 28, 1926. Serial No. 230,827.

KELLOGG

Particular description of goods.—Jell Powder.
Claims use since Mar. 4, 1926.

226,917. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) HARVEY FRUIT CO. INC., Minneapolis, Minn. Filed Apr. 22, 1926. Serial No. 230,545.

DOBRA

Particular description of goods.—Malt Extract.
Claims use since Mar. 1, 1926.

226,918. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM E. SHORB, doing business as Odor-Balm Laboratories, Collinsville, Okla. Filed Apr. 6, 1926. Serial No. 229,755.

ODOR-BALM

Particular description of goods.—Preparation for the Treatment of Colds, Catarrhal Conditions of the Head, Asthma, Whooping Cough, Hay Fever, Tonsillitis, and Respiratory Affections.
Claims use since Feb. 23, 1926.

226,919. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) ECONOMY HEAT UNIT COMPANY, Minneapolis, Minn. Filed Mar. 13, 1926. Serial No. 228,601.

IN THE DOOR

Particular description of goods.—Oil Burners.
Claims use since Feb. 8, 1926.

226,920. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE AMERICAN HAMMERED PISTON RING COMPANY, Baltimore, Md. Filed Mar. 10, 1926. Serial No. 228,397.

OILSLOT

Particular description of goods.—Piston Rings.
Claims use since Jan. 2, 1926.

226,921. (CLASS 32. FURNITURE AND UPHOLSTERY.) TONK MANUFACTURING CO., Chicago, Ill. Filed Feb. 1, 1926. Serial No. 226,742.

CORTLAND

Particular description of goods.—Piano Benches.
Claims use since Jan. 10, 1926.

226,922. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WAGNER & WURTZEL, INC., Perth Amboy, N. J. Filed Jan. 30, 1926. Serial No. 226,700.

KREAMLOAF

Particular description of goods.—Cheese.
Claims use since Jan. 26, 1926.

226,923. (CLASS 43. THREAD AND YARN.) H. P. RINEHART'S SONS, INC., Philadelphia, Pa. Filed Jan. 6, 1926. Serial No. 225,576.

EVENSPUN

Particular description of goods.—Woolen and Merino Yarns.
Claims use since December, 1924.

226,924. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HARTMAN FURNITURE & CARPET CO., Chicago, Ill. Filed Sept. 30, 1925. Serial No. 221,012.

Hartman's
Everything for the Home

Particular description of goods.—Textile Rugs, Textile Mats, Lace Curtains, Cretonne Piece Goods, Chintz Piece Goods, Satin Piece Goods, Velvet Piece Goods, Voile Piece Goods, Tapestries, Velour Piece Goods, Textile Carpets, Mattings, Unfinished Window-Shade Material, Muslin Piece Goods, Silk Piece Goods, Crepe Piece Goods, and Mohair Piece Goods.
Claims use since May 2, 1925.

226,925. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WOOLSON SPICE COMPANY, Toledo, Ohio. Filed Apr. 18, 1924. Serial No. 195,789.

The Daily Choice of Countless Thousands

Particular description of goods.—Coffee, Tea, and Spices.
Claims use since Apr. 15, 1924.

TRADE-MARK REGISTRATIONS RENEWED

29,785. ANTISEPTICS INCLUDING FOOD-PRESERVATIVE PREPARATIONS. Registered April 6, 1897. THE PACIFIC BORAX AND REDWOOD'S CHEMICAL WORKS, LIMITED. Renewed April 6, 1927, to Burton Baker & Co. Ltd., London, England, a Corporation of Great Britain, successor.

29,894. POWDERED HERBS FOR MEDICINAL PURPOSES. Registered April 20, 1897. THE ALONZO O. BLISS CO. Renewed April 20, 1927, to The Alonzo O. Bliss Medical Company, Washington, D. C., a Corporation of the District of Columbia, successor.

29,972. AXES. Registered May 4, 1897. KELLY AXE MANFG. CO., Alexandria, Ind.; Louisville, Ky.; and New York, N. Y. Renewed May 4, 1927, to Kelly Axe & Tool Co., Charleston, W. Va., a Corporation of West Virginia, assignee.

29,995. MEDICINAL CHEMICALS. Registered May 11, 1897. THE FIRM OF E. MERCK, Darmstadt, Germany. Renewed May 11, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

29,996. OINTMENTS OR SALVES. Registered May 11, 1897. AUGUST ENGBER, Hamburg, Germany. Renewed May 11, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

30,078. MEDICINAL CHEMICALS ACTING AS INTERNAL AND EXTERNAL ASTRINGENT DISINFECTANTS. Registered May 25, 1897. THE FIRM OF E. MERCK, Darmstadt, Germany. Renewed May 25, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

30,360. DENTAL AND SURGICAL BURRS. Registered July 13, 1897. THE S. S. WHITE DENTAL MFG. CO., Philadelphia, Pa.; Chicago, Ill.; New York and Brooklyn, N. Y.; Boston, Mass.; Atlanta, Ga.; and Berlin, Germany. Renewed July 13, 1927, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

30,403. POWDERED HERBS. Registered July 20, 1897. THE ALONZO O. BLISS CO. Renewed July 20, 1927, to The Alonzo O. Bliss Medical Company, Washington, D. C., a Corporation of the District of Columbia, successor.

56,660. SHIRTINGS, SHEETINGS, CAMBRICS, AND LONG CLOTH. Registered October 16, 1906. GRINNELL WILLIS & CO. Renewed October 16, 1926, to Ridley Watts & Co., New York, N. Y., assignee by mesne assignments.

56,939. SHIRTINGS, SHEETINGS, CAMBRICS, AND LONG CLOTH. Registered October 23, 1906. GRINNELL WILLIS & Co. Renewed October 23, 1926, to Ridley Watts & Co., New York, N. Y., assignee by mesne assignments.

56,957. SHIRTINGS AND SHEETINGS, CAMBRICS, AND LONG CLOTH. Registered October 30, 1906. GRINNELL WILLIS & Co. Renewed October 30, 1926, to Ridley Watts & Co., New York, N. Y., assignee by mesne assignments.

58,958. METAL PIPE FLANGES, METAL BANDS, AND RINGS. Registered December 25, 1906. RAILWAY STEEL-SPRING COMPANY, Jersey City, N. J., and New York, N. Y. Renewed December 25, 1926, to Railway Steel-Spring Company, New York, N. Y., a Corporation of Delaware, assignee by mesne assignments.

59,940. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange Mass., a Corporation of Massachusetts, organized in 1906, assignee.

59,941. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

59,942. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

59,943. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

59,948. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

59,949. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

59,950. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

59,951. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

59,952. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

59,953. SEWING MACHINES AND ATTACHMENTS. Registered January 22, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 22, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

60,073. SEWING MACHINES AND ATTACHMENTS. Registered January 29, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 29, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts (organized in 1906), assignee.

60,079. SEWING MACHINES AND ATTACHMENTS. Registered January 29, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 29, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts (organized in 1906), assignee.

60,080. SEWING MACHINES AND ATTACHMENTS. Registered January 29, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed January 29, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts (organized in 1906), assignee.

60,117. BUTTER. Registered January 29, 1907. THE T. L. BRUNDAGE COMPANY. Renewed January 29, 1927, to The Brundage Company, Cleveland, Ohio, a Corporation of Ohio, successor.

60,118. EGGS. Registered January 29, 1907. THE T. L. BRUNDAGE COMPANY. Renewed January 29, 1927, to The Brundage Company, Cleveland, Ohio, a Corporation of Ohio, successor.

60,723. SEWING MACHINES AND ATTACHMENTS. Registered February 19, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed February 19, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

60,724. SEWING MACHINES AND ATTACHMENTS. Registered February 19, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed February 19, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

60,725. SEWING MACHINES AND ATTACHMENTS. Registered February 19, 1907. THE NEW HOME SEWING MACHINE COMPANY. Renewed February 19, 1927, to The New Home Sewing Machine Company, Orange, Mass., a Corporation of Massachusetts, organized in 1906, assignee.

61,058. CERTAIN NAMED BAKERY PRODUCTS. Registered March 5, 1907. REISS & BRADY. Renewed March 5, 1927, to Cresca Company Incorporated, New York, N. Y., a Corporation of New York, assignee.

61,059. CHEESE. Registered March 5, 1907. REISS & BRADY. Renewed March 5, 1927, to Cresca Company Incorporated, New York, N. Y., a Corporation of New York, assignee.

61,316. STEEL. Registered March 12, 1907. S. & C. WARDLOW, New York, N. Y. Renewed March 12, 1927, to M. E. Wardlow and A. Duncan Barber, joint executors under the last will and testament of Marmaduke Wardlow, deceased, formerly surviving partner of the Firm of S. & C. Wardlow, Sheffield, England, and Nutley, N. J., successor.

61,601. CREAMERY BUTTER. Registered March 26, 1907. KIRSCHBRAUN & SONS. Renewed March 26, 1927, to Kirschbraun & Sons, Inc., Omaha, Nebr., a Corporation of Nebraska, assignee.

61,727. CARBON PAPER AND TYPEWRITER RIBBONS. Registered April 2, 1907. CORONA SUPPLY CO. Renewed April 2, 1927, to Corona Supply Company, Rochester, N. Y., a Corporation of New York, assignee.

61,764. WATERPROOFED COTTON PIECE GOODS. Registered April 2, 1907. WILLIAM L. BARRELL CO., New York, N. Y., a Corporation of Maine. Renewed April 2, 1927.

61,765. WATERPROOFED COTTON PIECE GOODS. Registered April 2, 1907. WILLIAM L. BARRELL CO., New York, N. Y., a Corporation of Maine. Renewed April 2, 1927.

61,880. METAL COMPOUNDS FOR USE IN THE PROCESS OF WELDING METALS. Registered April 9, 1907. GOLDSCHMIDT THERMIT COMPANY, New York, N. Y., a Corporation of New York. Renewed April 9, 1927.

62,076. VALVES AND COCKS AND THE PARTS THEREOF. Registered April 16, 1907. H. MUELLER MANUFACTURING COMPANY. Renewed April 16, 1927, to Mueller Co., Decatur, Ill., a Corporation of Illinois, assignee.

62,136. WHITE LEAD. Registered April 23, 1907. NATIONAL LEAD COMPANY, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed April 23, 1927.

62,252. CERTAIN SEA FOODS. Registered April 30, 1907. REISS & BRADY. Renewed April 30, 1927, to Cresca Company Incorporated, New York, N. Y., a Corporation of New York, assignee.

62,324. PERIODICALS. Registered April 30, 1907. THE JEWELERS' CIRCULAR PUBLISHING CO., New York, N. Y., a Corporation of New York. Renewed April 30, 1927.

62,529. CERTAIN TEXTILE FABRICS. Registered May 14, 1907. CHINA & JAPAN TRADING COMPANY, LIMITED. Renewed May 14, 1927, to China & Japan Trading Co. Ltd., New York, N. Y., a Corporation of New York, assignee.

62,566. WHEAT FLOUR. Registered May 14, 1907. WATSON MILL COMPANY. Renewed May 14, 1927, to The Red Star Milling Company, Wichita, Kans., a Corporation of Kansas, successor.

62,605. INKS. Registered May 14, 1907. NORDDEUTSCHE WOLLKÄMMEREI & KAMMGARNSPINNEREI, Bremen and Delmenhorst, Germany. Renewed May 14, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,674. HAIR-DYEING PREPARATIONS. Registered May 21, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed May 21, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,707. COAL-TAR DYESTUFFS. Registered May 21, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed May 21, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,708. COAL-TAR DYESTUFFS. Registered May 21, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed May 21, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,741. FILMS, PLATES, AND PHOTOGRAPHIC PAPERS. Registered May 21, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed May 21, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

62,905. PERIODICALS. Registered May 28, 1907. THE JEWELERS CIRCULAR PUBLISHING CO., New York, N. Y., a Corporation of New York. Renewed May 28, 1927.

63,030. CORSETS. Registered June 4, 1907. AMERICAN LADY CORSET CO., Detroit, Mich., a Corporation of Michigan. Renewed June 4, 1927.

63,031. CORSETS. Registered June 4, 1907. AMERICAN LADY CORSET CO., Detroit, Mich., a Corporation of Michigan. Renewed June 4, 1927.

63,142. WRITING AND PRINTING PAPER. Registered June 11, 1907. GEORGE LA MONTE & SON, Nutley, N. J., and New York, N. Y. Renewed June 11, 1927, to George La Monte & Son, New York, N. Y., a Corporation of New Jersey.

63,276. PERIODICALS. Registered June 11, 1907. THE JEWELERS CIRCULAR PUBLISHING CO., New York, N. Y., a Corporation of New York. Renewed June 11, 1927.

63,322. CERTAIN FOODS. Registered June 11, 1907. REISS & BRADY. Renewed June 11, 1927, to Cresca Company Incorporated, New York, N. Y., a Corporation of New York, assignee.

63,364. SILK PIECE GOODS. Registered June 18, 1907. EMPIRE SILK CO., Paterson, N. J., and New York, N. Y. Renewed June 18, 1927, to Empire Silk Co., New York, N. Y., a Corporation of Delaware, assignee.

63,424. EXTERNAL REMEDY FOR CROUP. Registered June 18, 1907. THE SMOOT DRUG CO. Renewed June 18, 1927, to Hedquist Drug Co., Provo, Utah, a Corporation of Utah, successor.

63,550. PERIODICALS. Registered June 25, 1907. THE JEWELERS CIRCULAR PUBLISHING CO., New York, N. Y., a Corporation of New York. Renewed June 25, 1927.

63,613. CARTRIDGES, LOADED SHELLS, CAPS, PRIMERS, AND POWDER. Registered July 2, 1907. THE PETERS CARTRIDGE COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed July 2, 1927.

63,614. CARTRIDGES, LOADED SHELLS, CAPS, PRIMERS, AND POWDER. Registered July 2, 1907. THE PETERS CARTRIDGE COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed July 2, 1927.

63,615. CARTRIDGES, LOADED SHELLS, CAPS, PRIMERS, AND POWDER. Registered July 2, 1907. THE PETERS CARTRIDGE COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed July 2, 1927.

63,616. CARTRIDGES, LOADED SHELLS, CAPS, PRIMERS, AND POWDER. Registered July 2, 1907. THE PETERS CARTRIDGE COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed July 2, 1927.

63,617. CARTRIDGES, LOADED SHELLS, CAPS, PRIMERS, AND POWDER. Registered July 2, 1907. THE PETERS CARTRIDGE COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed July 2, 1927.

63,623. LUBRICATING OILS FOR AXLES AND JOURNAL BEARINGS. Registered July 2, 1907. GEORGE W. GALLAWAY. Renewed July 2, 1927, to G. W. Gallaway, New York, N. Y., successor.

63,677. WRITING PAPER. Registered July 2, 1907. J. W. BUTLER PAPER CO. Renewed July 2, 1927, to Butler Paper Corporation, Chicago, Ill., a Corporation of Illinois, assignee.

63,897. WEEKLY PERIODICALS. Registered July 16, 1907. THE JEWELERS CIRCULAR PUBLISHING CO., New York, N. Y., a Corporation of New York. Renewed July 16, 1927.

63,999. CERTAIN METAL MANUFACTURES. Registered July 16, 1907. H. MUELLER MANUFACTURING COMPANY. Renewed July 16, 1927, to Mueller Co., Decatur, Ill., a Corporation of Illinois, assignee.

64,016. A WASHING POWDER. Registered July 16, 1907. LOVERIN & BROWNE COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed July 16, 1927.

64,039. TYPEWRITING MACHINES. Registered July 23, 1907. THE MONARCH TYPEWRITER COMPANY, Syracuse, N. Y. Renewed July 23, 1927, to Remington Typewriter Company, Ilion and New York, N. Y., a Corporation of New York, assignee.

64,310. WHEAT FLOUR. Registered July 30, 1907. THE HUNTER MILLING COMPANY, Wellington, Kans., a Corporation of Kansas. Renewed July 30, 1927.

64,312. WHEAT FLOUR. Registered July 30, 1907. THE NEW ERA MILLING COMPANY, Arkansas City, Kans., a Corporation of Kansas. Renewed July 30, 1927.

64,526. GUN SIGHTS. Registered August 13, 1907. THE LYMAN GUN SIGHT CORPORATION, Middlefield, Conn., a Corporation of Connecticut. Renewed August 13, 1927.

64,609. VALVES AND COCKS FOR STEAM, WATER, AND GAS DISTRIBUTION. Registered August 13, 1907. H. MUELLER MANUFACTURING COMPANY. Renewed August 13, 1927, to Mueller Co., Decatur, Ill., a Corporation of Illinois, assignee.

64,610. VALVES AND COCKS FOR STEAM, WATER, AND GAS DISTRIBUTION. Registered August 13, 1907. H. MUELLER MANUFACTURING COMPANY. Renewed August 13, 1927, to Mueller Co., Decatur, Ill., a Corporation of Illinois, assignee.

64,611. VALVES AND COCKS FOR STEAM, WATER, AND GAS DISTRIBUTION. Registered August 13, 1907. H. MUELLER MANUFACTURING COMPANY. Renewed August 13, 1927, to Mueller Co., Decatur, Ill., a Corporation of Illinois, assignee.

64,783. CERTAIN JEWELRY. Registered August 20, 1907. FRANK JOSEPH GOLDSOLL. Renewed August 20, 1927, to Tecla Pearls, Inc., New York, N. Y., a Corporation of New York, successor.

64,914. SOUND RECORDS FOR TALKING MACHINES. Registered August 27, 1907. COLUMBIA PHONOGRAPH COMPANY, GENERAL, New York, N. Y. Renewed August 27, 1927, to Columbia Phonograph Company, Inc., Bridgeport, Conn., a Corporation of New York, assignee.

64,930. CANNED VEGETABLES AND FRUITS. Registered August 27, 1907. BURT OLNEY CANNING COMPANY, Oneida, N. Y. Renewed August 27, 1927, to New York Canners Inc., Rochester, N. Y., a Corporation of New York, assignee.

65,025. LEATHER BELTING. Registered September 3, 1907. NEW YORK LEATHER BELTING CO., New York, N. Y., a Corporation of New York. Renewed September 3, 1927.

65,052. REGULATING AND BALANCE VALVES. Registered September 3, 1907. H. MUELLER MANUFACTURING COMPANY. Renewed September 23, 1927, to Mueller Co., Decatur, Ill., a Corporation of Illinois, assignee.

LABELS

REGISTERED APRIL 19, 1927.

31,957.—*Title:* J. H. BEVILL'S CORN AND ECZEMA LOTION. For a Corn and Eczema Lotion. JOHN HENRY BEVILL, Birmingham, Ala. Published January 22, 1927.

31,958.—*Title:* BOMBAY PALE DRY. For Nonalcoholic Beverage. THE BOMBAY COMPANY, Philadelphia, Pa. Published March 1, 1927.

31,959.—*Title:* GALVANIC LINIMENT. For Liniment. CHARLES A. BYE, Lakewood, N. J. Published February 1, 1927.

31,960.—*Title:* CLENSI. For Compound for Cleaning Motors. JOSEPH D. CAMPANO, doing business as Joseph D. Campano & Co., Berkeley Heights, N. J. Published October 25, 1926.

31,961.—*Title:* CLAMP NAILS. For Devices for Fastening Joints. CLAMP NAIL COMPANY, Chicago, Ill. Published March 5, 1927.

31,962.—*Title:* WURZENBURG MALT SYRUP. For Malt Sirup. JOSEPH F. DENEND, doing business as Wurzenburg Malt Extract Co., Chicago, Ill. Published March 8, 1927.

31,963.—*Title:* E & L. For Butter. E. & L. CREAMERY, Janesville, Wis. Published November 1, 1926.

31,964.—*Title:* RED SEAL BRAND BOHEMIAN STYLE PURE BARLEY MALT EXTRACT. For Malt Extract. A. R. FEINBERG, doing business as Red Seal Products Co., Not Inc., Chicago, Ill. Published July 20, 1926.

31,965.—*Title:* THE PEOPLE'S CHOICE DIXIE BREAD. For Bread. STANLEY J. FLETCHER, Tampa, Fla. Published December 28, 1926.

31,966.—*Title:* FRY'S RENU-O WATCH CLEANING SOLUTION. For Watch-Cleaning Solution. DONALD E. FRY, Belleville, Kans. Published March 3, 1927.

31,967.—*Title:* ANALGESIC LINIMENT. For Medical Preparation. GALENO CHEMICAL COMPANY, INC., New York, N. Y. Published March 15, 1927.

31,968.—*Title:* AVESAN H. For Ampuls Filled with a Combination of Formic, Nucleinic Acids, Allyl Sulphide, and Camphor, Employed in the Treatment of Diseases of the Respiratory Organs. WILLIAM V. HIRSH, San Francisco, Calif. Published January 20, 1927.

31,969.—*Title:* VALLEY SUNSHINE PRODUCTS. For Grapefruit Marmalade. HOME DEMONSTRATION MARKETING ORGANIZATION, Mercedes and McAllen, Tex. Published December 1, 1926.

31,970.—*Title:* RED LABEL BATTERY. For Dry Batteries. INTERNATIONAL STANDARD ELECTRIC CORPORATION, New York, N. Y. Published November 11, 1926.

31,971.—*Title:* BLUE LABEL BATTERY. For Dry Batteries. INTERNATIONAL STANDARD ELECTRIC CORPORATION, New York, N. Y. Published November 11, 1926.

31,972.—*Title:* JIFFY-LOU. For a Dessert. JIFFY DESSERTS, INC., Los Angeles, Calif. Published January 24, 1927.

31,973.—*Title:* CLEARFLOW. For Metal Valves. KELLEY-CONNELL CO., Berkeley, Calif. Published December 1, 1926.

31,974.—*Title:* L-R. For Fresh Deciduous Fruits. LOMA RICA RANCH, Grass Valley, Calif. Published July 3, 1926.

31,975.—*Title:* MERRI JELLY FAVORS. For Candy. MERRIMAC CANDY COMPANY, Boston, Mass. Published October 28, 1926.

31,976.—*Title:* MERRI JELLIES. For Candy. MERRIMAC CANDY COMPANY, Boston, Mass. Published October 21, 1926.

31,977.—*Title:* FELTMAN AND CURME. For Footwear. FRANK C. MEYER COMPANY, Brooklyn, N. Y. Published November 8, 1926.

31,978.—*Title:* YE OLD FOLK. For Healing Salve. MARY E. PEACH, Garfield, Wash. Published February 14, 1927.

31,979.—*Title:* TO MY VALENTINE. For Candy. PEERLESS CONFECTION COMPANY, Chicago, Ill. Published January 20, 1927.

31,980.—*Title:* HAPPY BUNNY EASTER EGG TRANSFERS. For Easter Egg Transfers. HAL PERN MFG. CO. INC., Brooklyn, N. Y. Published December 18, 1926.

31,981.—*Title:* RAHAYEL'S MOUTH WASH. For Mouth Wash. CHAS A. RAHAYEL, doing business as Rahayel Freres, Brooklyn, N. Y. Published March 1, 1927.

31,982.—*Title:* REICHARDT'S HELIOS COCOA. For Cocoa. REICHARDT COCOA & CHOCOLATE CO., INC., New York, N. Y. Published February 1, 1926.

31,983.—*Title:* SAFE AND SHURE. For Cough Sirup. S. J. SHERSICK, Mount Pleasant, Pa. Published February 11, 1927.

31,984.—*Title:* SILVER KING FIZZ. For Beverages. SILVER KING PRODUCTS CORPORATION, New York, N. Y. Published March 10, 1927.

31,985.—*Title:* SILVER KING FIZZ. For Beverages. SILVER KING PRODUCTS CORPORATION, New York, N. Y. Published March 10, 1927.

31,986.—*Title:* COLLEGIATE GARTER. For Men's Garters. STURM & SCHEINBERG, New York, N. Y. Published March 15, 1925.

31,987.—*Title:* TRU WEAR. For Hosiery. JOSEPH TOBIAS, doing business as National Importing Company, New York, N. Y. Published December 30, 1926.

31,988.—*Title:* CRISPY NUT POP CORN. For Pop Corn and a Mixture of Nuts and Pop Corn. CHARLES TRACY, doing business as Tracy's Candy Shoppe, Rochester, N. Y. Published February 8, 1927.

31,989.—*Title:* BONDED GASOLINE. For Gasoline. UNIVERSAL SERVICE EVERYWHERE, INC., Los Angeles, Calif. Published February 1, 1927.

31,990.—*Title:* BONDED MOTOR OILS. For Motor Oils. UNIVERSAL SERVICE EVERYWHERE, INC., Los Angeles, Calif. Published February 1, 1927.

31,991.—*Title:* BONDED GREASES. For Greases. UNIVERSAL SERVICE EVERYWHERE, INC., Los Angeles, Calif. Published February 1, 1927.

31,992.—*Title:* PREPARACION PERFECCIONADA Y SIN SABOR DE WAMPOLE. For Medicinal Preparation. HENRY K. WAMPOLE AND COMPANY, INCORPORATED, Philadelphia, Pa. Published February 8, 1927.

31,993.—*Title:* WORLD FUR AUCTION. For Furs. HUGO WERNER, New York, N. Y. Published March 8, 1927.

PRINTS

REGISTERED APRIL 19, 1927.

9,727.—*Title:* GOMAS VENUS—COLOR GRIS NO. 554. For Lead-Pencil Erasers. AMERICAN LEAD PENCIL COMPANY, New York, N. Y. Published January 11, 1927.

9,728.—*Title:* FOR GIFTS THAT BRIDES WILL TREASURE. For Silverware. BLACK, STARR & FROST, New York, N. Y. Published March 15, 1927.

9,729.—*Title:* YES YOUR BABY'S GROWING UP. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published March 10, 1927.

9,730.—*Title:* BETTER SCHOOL GRADES IN KANSAS CITY WITH NEW BREAKFAST PLAN. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published March 15, 1927.

9,731.—*Title:* FOR DESSERT MY-T-FINE. For Dessert Preparations. THE D & C Co. INC., Wilmington, Del., and Brooklyn, N. Y. Published February 27, 1927.

9,732.—*Title:* FOR DESSERT MY-T-FINE. For Dessert Preparations. THE D & C Co. INC., Wilmington, Del., and Brooklyn, N. Y. Published February 20, 1927.

9,733.—*Title:* FOR DESSERT MY-T-FINE. For Dessert Preparations. THE D & C Co. INC., Wilmington, Del., and Brooklyn, N. Y. Published May 6, 1927.

9,734.—*Title:* A GOOD METHOD FOR APPLYING BRAKE LINING. For Brake Linings. DURWYLLAN COMPANY, Paterson, N. J. Published January 17, 1927.

9,735.—*Title:* CHESTOUT. For Shoulder Brace. LEWIS A. FRITSCH, Cincinnati, Ohio. Published January 4, 1927.

9,736.—*Title:* SILKTUFN. For a Chemical Compound for the Toughening of Silk Fabrics. KAY-BEE CHEMICAL COMPANY, Detroit, Mich. Published January 15, 1927.

9,737.—*Title:* THE RING WITH THE UP SLANTING OIL-SLOT. For Piston Rings. THE PISTON RING COMPANY, Muskegon, Mich. Published March 1, 1927.

9,738.—*Title:* CRYSTAL CREST SUPER-HI-TEST CERTIFIED GAS. For Certain Grade of Gasoline. GEORGE L. RARIDEN, Bedford, Ind. Published February 28, 1927.

9,739.—*Title:* POCKET CHECK PROTECTOR. For Check Protectors and Folders. ROSSID MANUFACTURING CORPORATION, Orlando, Fla. Published February 14, 1927.

9,740.—*Title:* GOOD LUCK GROCERIES AT PAY AND WAG PRICES. For Groceries. A. A. SIMPSON, San Antonio, Tex. Published March 12, 1927.

9,741.—*Title:* INSECTS PREY ON CHILDREN. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J., Published October 25, 1926.

9,742.—*Title:* MAN'S NATURAL REMEDIES. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,743.—*Title:* DEATH THAT STRIKES AT NIGHT! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,744.—*Title:* STOP THIEF! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,745.—*Title:* BEWARE THE MOSQUITO'S SONG! For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,746.—*Title:* SILVERFISH — THE HIDDEN THIEF. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,747.—*Title:* FLIES—A MENACE TO MAN. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

9,748.—*Title:* THE DANCE OF DEATH. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published October 25, 1926.

REISSUES

APRIL 19, 1927.

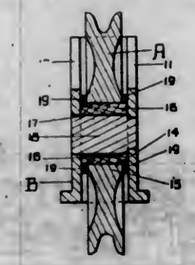
16,593. METHOD FOR PRODUCING A DISINFECTING OR CLEANSING SPRAY FOR HYGIENIC AND MEDICAL PURPOSES. JOHANNES FRENO and EINAR BERGVE, Oslo, Norway. Filed Jan. 6, 1927. Serial No. 159,496. Original No. 1,522,610, dated Jan. 13, 1925, Serial No. 379,597, filed May 7, 1920. 7 Claims. (Cl. 167—9.)

1. Method for the production of a cleaning and disinfecting spray which consists in atomising a liquid dentifrice containing a perborate by means of a high pressure carbonic acid gas.

4. Method of cleansing teeth, which comprises spraying a liquid dentifrice saturated with carbon dioxide onto the teeth, whereby the carbon dioxide released at the teeth will produce an emulsion of the saliva and simultaneously dissolve tartar.

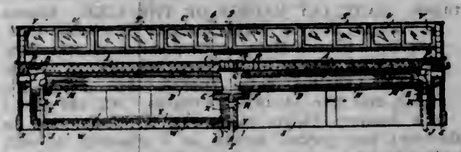
7. Method of cleansing teeth, which comprises applying nascent hydrogen peroxide and nascent oxygen at the place being treated by spraying a liquid dentifrice containing carbon dioxide under pressure onto the teeth.

16,594. SASH-WEIGHT PULLEY. ERNEST S. REILAND and PETER M. REILAND, St. Paul, Minn., assignors to Bayport Foundry Company, Bayport, Minn., a Corporation of Minnesota. Filed May 20, 1926. Serial No. 110,530. Original No. 1,580,763, dated Apr. 13, 1926, Serial No. 8,675, filed Feb. 12, 1925. 8 Claims. (Cl. 16—210.)



1. A sash weight pulley including, a housing having parallel side walls, a pulley adapted to be positioned between said side walls, a cored polyangular opening formed through said pulley having an inner roughened serrated surface and a nonmetallic core bushing member treated with a lubricant adapted to be held fixed by said roughened cored surface in said pulley.

16,595. REFRIGERATED DISPLAY COUNTER. JOHN F. BARGHAUSEN, Takoma Park, D. C. Filed Feb. 21, 1927. Serial No. 170,038. Original No. 1,540,158, dated June 2, 1925, Serial No. 3,658, filed Jan. 20, 1925. 26 Claims. (Cl. 62—37.)



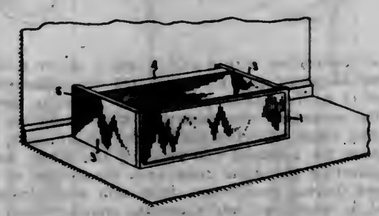
15. In a refrigerated counter, a structure having means for dividing it into an upper relatively high display compartment for the housing of perishable articles, and a relatively low and restricted underlying spraying space, said dividing means having an air descending opening and an air ascending opening for effecting communication between said compartment and said spraying space, means located in the spraying space adjacent the air descending opening and directed toward the air ascending opening for spraying a cooling liquid along said spraying space toward said air ascending opening, thereby to induce a downflow of warmer air from the upper compartment via the air descending opening and an up-flow of cooler air into the upper compartment via the up-flow opening.

16,596. MANUFACTURING PROCESS OF MAKING BLANKS FOR WATCH MOVEMENTS PROVIDED WITH JEWEL-INSETTING OR PLUG HOLES. HENRI COLOMB, Tavennes, Switzerland. Filed Jan. 6, 1927. Serial No. 159,467. Original No. 1,571,756, dated Feb. 2, 1926, Serial No. 592,642, filed Oct. 5, 1922. 6 Claims. (Cl. 29—177.)



1. In a manufacturing process for blanks of watch movements provided with holes for settings and bushes the procedure of establishing the interchangeability of each piece by first putting in all the holes according to suitable guide marks and then of rectifying all the holes of each piece simultaneously by means of one and the same punch which is likewise guided by suitable but particular marks.

16,597. TUB. BENJAMIN HARRISON DARROW, Woodstock, Ohio, assignor to The Sani-Tabl-Tub Company, Alliance, Ohio, a Corporation of Ohio. Filed Jan. 3, 1927. Serial No. 158,776. Original No. 1,590,738, dated June 29, 1926, Serial No. 56,223, filed Sept. 14, 1925. 6 Claims. (Cl. 4—173.)



1. A bathtub comprising two end walls, a longitudinal side wall secured thereto, the adjacent longitudinal side wall being closed by a tub of less width and depth than the width of the longitudinal wall, but of its full length, the remaining two sides of the device remaining open, that side of the device closed by the tub having a longitudinal seat adjacent the tub, the longitudinal side wall occupying a horizontal position so as to be used as a table top when the device is resting on its opposite side.

16,598. ELECTRODEPOSITION OF CHROMIUM. CARL HAMBUECHEN, St. Louis, Mo., assignor to Electro Metallurgical Company, a Corporation of West Virginia. Filed Apr. 9, 1926. Serial No. 101,000. Original No. 1,544,451, dated June 30, 1925, Serial No. 724,515, filed July 5, 1924. 8 Claims. (Cl. 204—1.)

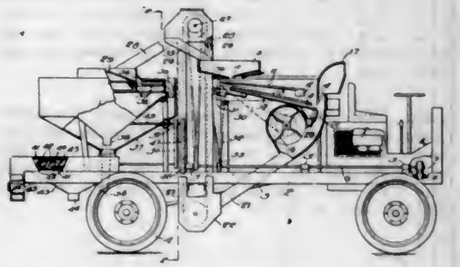
4. Process of electrodepositing chromium from a bath containing chromic acid which comprises passing the depositing current into the bath through a soluble anode containing chromium, and an insoluble anode, and adjusting the distribution of the current between the two anodes to maintain an efficient concentration of chromium in the bath.

16,599. METHOD OF REPAIRING BROKEN METALLIC STRUCTURES. ROYAL MATTICE, Bethlehem, Pa. Filed Jan. 26, 1927. Serial No. 163,811. Original No. 1,592,609, dated July 13, 1926, Serial No. 737,318, filed Sept. 12, 1924. 10 Claims. (Cl. 219—10.)



10. The method of joining metal plates or the like which comprises forming perforations in one of said plates, securing projecting studs in the other plate, said plate providing the holding means for said studs whereby said studs are positively aligned with each other and with the perforations in the first mentioned plate, then superposing the perforated plate on said second named plate with the studs extending into the perforations therein, and finally welding the studs to the perforated plate to fill the countersinks and form a head on each of said studs.

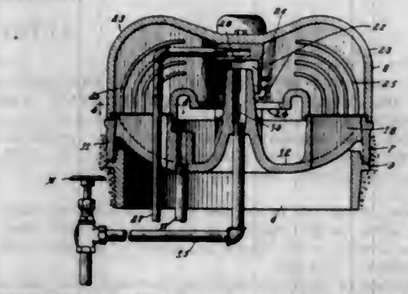
16,600. PORTABLE APPARATUS FOR CLEANING AND GRADING GRAIN, SEED, AND THE LIKE. RUSSELL V. JUDSON, Detroit, Mich. Filed Jan. 11, 1927. Serial No. 160,513. Original No. 1,522,724, dated Jan. 13, 1925, Serial No. 451,666, filed Mar. 12, 1921. 7 Claims. (Cl. 209—12.)



1. In combination with a vehicle and a power member mounted thereon, apparatus mounted on said vehicle adapted to receive threshed grain and including mechanism for separating out chaff and dirt, mechanism for separating rough imperfect grain from smooth grain and mechanism for polishing and cleaning the grain, means for conducting the grain from each mechanism to the next and driving connections from said power member adapted to operate all said apparatus simultaneously.

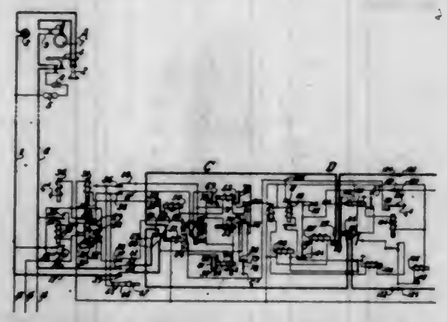
16,601. OIL AND GAS BURNER. LEE G. DANIELS, Rockford, Ill. Filed May 23, 1925. Serial No. 32,517. Original No. 1,484,814, dated Feb. 26, 1924, Serial No. 529,824, filed Jan. 17, 1922. 18 Claims. (Cl. 158—91.)

16. In combination, a liquid fuel burner, an air supply conduit for delivering air thereto having an air inlet extending upwardly at the side of the burner and over the same so as to be heated by the flame, and a gas



supply pipe extending through said inlet and providing a pilot lighter for delivering a flame onto the liquid fuel burner through the delivery end of said air inlet.

16,602. AUTOMATIC TELEPHONE SYSTEM. RODNEY G. RICHARDSON, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Apr. 21, 1926. Serial No. 103,654. Original application filed Feb. 14, 1916, Serial No. 78,161. Renewed June 26, 1920, Serial No. 392,042, now Patent No. 1,439,124, dated Dec. 19, 1922. Divided and application filed Nov. 6, 1922, Serial No. 599,176, Patent No. 1,492,396, dated Apr. 29, 1924. 28 Claims. (Cl. 179—18.)



24. In a telephone system, a trunk line terminating in an automatic switch, means for operating said switch controlled by a calling subscriber over the two sides of said trunk line in series, a second switch for connecting a calling line to said trunk line to enable the said first switch to be operated as set forth, subscriber controlled means for releasing the second switch to disconnect the calling line and trunk line, and automatic means for preventing the release of the second switch in case the trunk line is defective.

16,603. SANITARY NAPKIN OR THE LIKE. EZROLD B. THOMAS, Newton, Mass., assignor to Thomas Products, Inc., Boston, Mass., a Corporation of Massachusetts. Filed Feb. 17, 1927. Serial No. 169,113. Original No. 1,564,498, dated Dec. 8, 1925, Serial No. 15,241, filed Mar. 13, 1925. 8 Claims. (Cl. 128—290.)

6. A sanitary napkin comprising in combination an absorbent pad portion formed of a plurality of soft, highly flexible, superposed ligno-cellulose webs, whereby said pad portion is disposable after use by depositing it in and flushing a usual water-containing toilet vault and is readily disintegrable in the water thereof or flowing therefrom, an envelope of gauze surrounding said flexible pad portion and retaining said plurality of webs in said superposed relation and extending longitudinally beyond the latter at their opposite ends to provide securing



means for the napkin, and a soft, highly flexible, thin, moisture-proof sheet constituting moisture-retaining means at the outer face of said pad portion intermediate the latter and said gauze envelope, said moisture-retaining means having substantially the same degree of flexibility and softness as that of said pad portion, whereby the softness and flexibility of the latter are preserved, said moisture-proof sheet extending over at least the major central region of the adjacent face of the pad portion but leaving the longitudinal side edges of the latter substantially wholly exposed to the action of the water when deposited therein with said sheet, presenting no obstruction to the ready disintegration of said pad portion when freed from its gauze envelope for discarding after use, and being itself capable of disposal through the same toilet facilities above mentioned.

7. A sanitary napkin comprising a soft, flexible, absorbent pad portion formed of a plurality of ligno-cellulose layers whereby it is disposable after use by depositing it in and flushing a usual water-containing toilet vault and is readily disintegrable in the water thereof or flowing therefrom, an envelope of gauze surrounding said pad portion and extending longitudinally beyond the same at its opposite ends to provide securing means for the napkin, and a soft, highly flexible, thin, moisture-proof sheet at one outer face of said pad portion and within said gauze envelope, said moisture-proof sheet having substantially the same degree of flexibility and softness as that of said pad portion, whereby the flexibility and softness of the latter are preserved, and presenting no obstruction to the ready disintegration of the pad portion, said moisture-proof sheet being itself capable of disposal through the same toilet facilities above mentioned, the edges of said layers forming the pad portion being frayed and uncompacted to reduce possibility of irritation thereby to the user.

8. In a sanitary napkin, a plurality of superposed sheets of wood cellulose constituing a pad portion, and a soft, highly flexible, moisture-proof sheet providing moisture-retaining means at one face of said pad portion, the edges of said cellulose sheets being frayed and uncompacted in the formation of said pad portion to reduce possibility of irritation thereby to the user.

DESIGNS

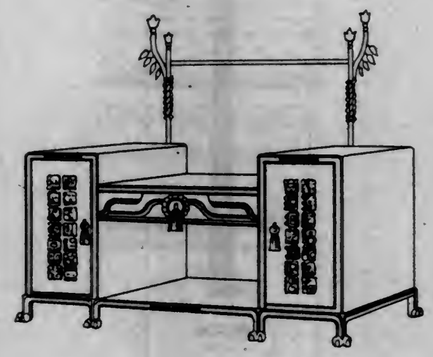
APRIL 19, 1927.

72,464. CHAIR. MARY ANTROBUS, London England. Filed Dec. 23, 1926, Serial No. 20,115, and in Great Britain Dec. 4, 1926. Term of patent 3½ years.



The ornamental design for a chair, as shown.

72,465. SIDEBOARD. MARY ANTROBUS, London, England. Filed Dec. 23, 1926, Serial No. 20,116, and in Great Britain Dec. 4, 1926. Term of patent 3½ years.



The ornamental design for a sideboard as shown.

72,466. LAMP-POST OR SIMILAR ARTICLE. HENRY BARKSCHAT, Los Angeles, Calif., assignor to Marbelite Corporation of America, Los Angeles, Calif., a Corporation of Delaware. Filed Jan. 25, 1926. Serial No. 16,253. Term of patent 14 years.



The ornamental design for a lamp post or similar article, as shown.

72,467. LAMP-POST OR SIMILAR ARTICLE. HENRY BARKSCHAT, Los Angeles, Calif., assignor to Marbelite Corporation of America, Los Angeles, Calif., a Corporation of Delaware. Filed Feb. 6, 1926. Serial No. 16,430. Term of patent 14 years.



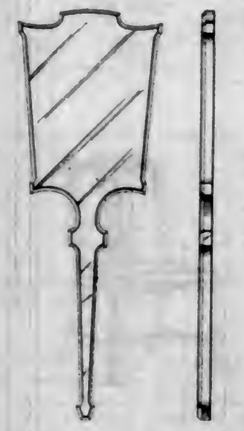
The ornamental design for a lamp post or similar article, as shown.

72,468. COMBINATION ASH TRAY AND LAMP CAP. LOUIS BASKIN and MAX STERNBERG, Chicago, Ill. Filed Dec. 13, 1926. Serial No. 20,041. Term of patent 7 years.



The ornamental design for a combination ash tray and lamp cap as shown.

72,469. MIRROR OR SIMILAR ARTICLE. WILLIAM S. BECHTOLD, Newark, N. J. Filed Dec. 9, 1926. Serial No. 20,002. Term of patent 7 years.



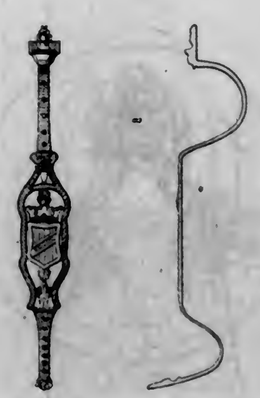
The ornamental design for a mirror or similar article, as shown.

72,470. GOAT AND DARKIE TOY. WILLIAM D. BLUDWORTH, Sacramento, Calif. Filed Jan. 2, 1926. Serial No. 15,937. Term of patent 3½ years.



The ornamental design for a goat and darkie toy, as shown.

72,471. LIGHTING-FIXTURE STRAP. MAX BROWN, Brooklyn, N. Y., assignor to Royal Metal Lighting Fixture Co., Inc., a Corporation of New York. Filed Feb. 17, 1927. Serial No. 20,792. Term of patent 3½ years.



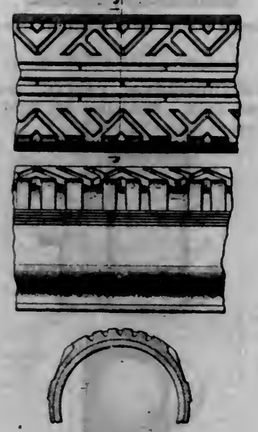
The ornamental design for a lighting fixture strap, substantially as shown.

72,472. TIRE. TRUMAN S. CALDWELL, Racine, Wis., assignor to Racine Horseshoe Tire Company, Racine, Wis., a Corporation of Wisconsin. Filed Jan. 12, 1927. Serial No. 20,854. Term of patent 3½ years.



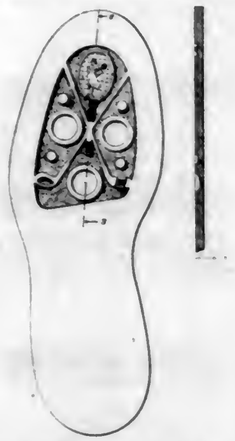
The ornamental design for a tire, substantially as shown.

72,473. TIRE. TRUMAN S. CALDWELL, Racine, Wis., assignor to Racine Horseshoe Tire Company, Racine, Wis., a Corporation of Wisconsin. Filed Jan. 12, 1927. Serial No. 20,855. Term of patent 14 years.



The ornamental design for a tire, substantially as shown.

72,474. SHOE SOLE. EDWIN CALVIN, Squantum, Mass., assignor to Bearfoot Sole Co. Inc., Boston, Mass., a Corporation of Massachusetts. Filed Dec. 8, 1926. Serial No. 19,981. Term of patent 7 years.



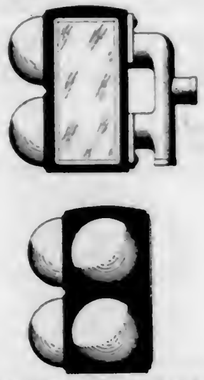
The ornamental design for a shoe sole, as shown.

72,475. TEXTILE FABRIC. MICHEL DUBOST, Paris, France, assignor to F. Ducharne Silk Co. Inc., New York, N. Y., a Corporation of New York. Filed Nov. 30, 1926. Serial No. 19,886. Term of patent 3½ years.



The ornamental design for a textile fabric substantially as shown.

72,476. DIRECTION-SIGNAL CASING. JOHN W. DUNLAP, Modesto, Calif. Filed Oct. 30, 1926. Serial No. 19,545. Term of patent 14 years.



The ornamental design for a "direction signal casing," as shown.

72,477. FINGER RING OR ARTICLE OF SIMILAR NATURE. BENJAMIN GROSS, New York, N. Y., assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y., a Corporation of New York. Filed Feb. 23, 1927. Serial No. 20,849. Term of patent 3½ years.



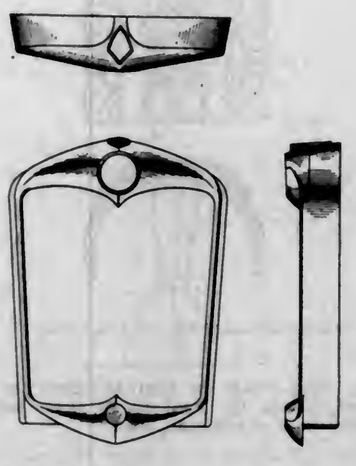
The ornamental design for a finger ring or article of similar nature, as shown.

72,478. HAND BAG OR SIMILAR ARTICLE. SAMUEL HASKELL, Brooklyn, N. Y. Filed Jan. 12, 1927. Serial No. 20,852. Term of patent 3½ years.



The ornamental design for a hand bag or similar article as shown.

72,479. AUTOMOBILE RADIATOR CASING. ALBERT OWEN HOLTOM, Rochester, N. Y., assignor to Herman Edward Zimmerman, New York, N. Y. Filed Jan. 10, 1927. Serial No. 20,324. Term of patent 7 years.



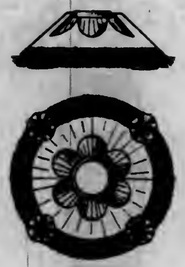
The ornamental design for an automobile radiator casing as shown.

72,480. PLATE OR SIMILAR ARTICLE. FRANK KATZ, Brooklyn, N. Y., assignor to Anchor Manufacturing Company, New York, N. Y. Filed Jan. 15, 1926. Serial No. 16,104. Term of patent 3½ years.



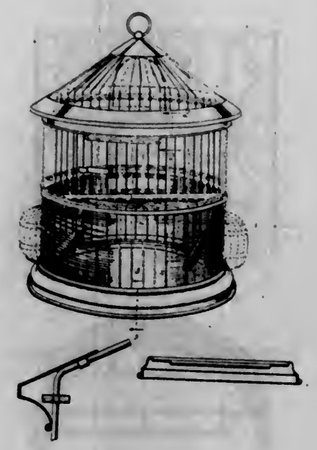
The ornamental design for a plate or similar article, as shown.

72,481. REFLECTOR FOR CHRISTMAS-TREE DECORATION. CONRAD KEMPF, Nuremberg, Germany, assignor to Sueddeutsche Christbaumschmuck- u. Reflektoren Gesellschaft mit beschränkter Haftung, Nuremberg, Germany. Filed Dec. 2, 1926. Serial No. 19,906. Term of patent 3½ years.



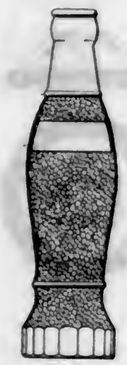
The ornamental design for a reflector for Christmas tree decoration as shown.

72,482. BIRDCAGE. LEWICKI J. LEON, West Chicago, Ill. Filed Jan. 8, 1927. Serial No. 20,307. Term of patent 14 years.



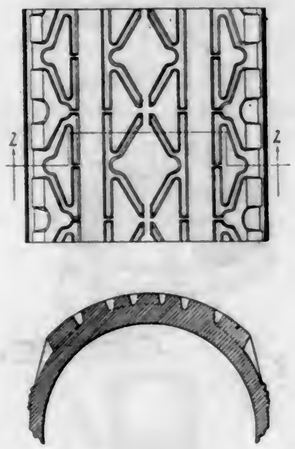
The ornamental design for a birdcage, as shown and described.

72,483. BOTTLE. CORNELIA TAYLOR LONG, Winston-Salem, N. C., and ARCHIE C. SOHN, Pittsburgh, Pa., assignors to Taylor-Long Company, Charlotte, N. C., a Corporation of North Carolina. Filed Oct. 29, 1926. Serial No. 19,534. Term of patent 14 years.



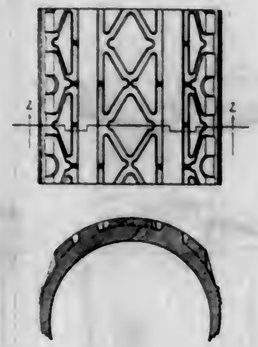
The ornamental design for a bottle as shown.

72,484. TIRE. THOMAS C. MARSHALL, Mount Savage, Md. Filed Feb. 23, 1927. Serial No. 20,852. Term of patent 14 years.



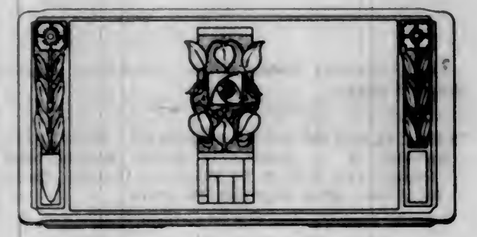
The ornamental design for a tire as shown.

72,485. TIRE. THOMAS C. MARSHALL, Mount Savage, Md. Filed Feb. 23, 1927. Serial No. 20,853. Term of patent 14 years.



The ornamental design for a tire as shown.

72,486. BILL FOLD OR SIMILAR ARTICLE. LEON MAYER, Chicago, Ill. Filed Oct. 20, 1926. Serial No. 19,437. Term of patent 3½ years.



The ornamental design for a bill fold or similar article, as shown.

72,487. WOVEN FABRIC. EMILE MEYER, New York, N. Y. Filed Aug. 10, 1926. Serial No. 18,664. Term of patent 14 years.



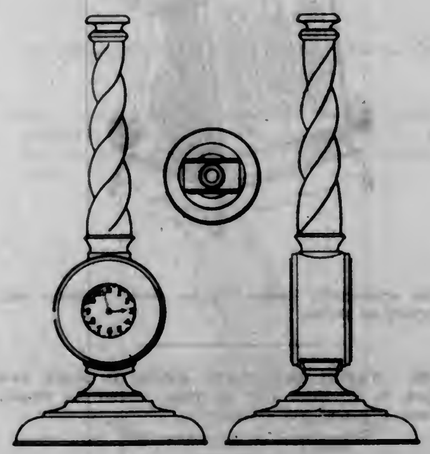
The ornamental design for woven fabric as shown.

72,488. COMBINATION LAMP AND SMOKER'S SET. ERNEST F. MCCARTHY, Darien, Conn. Filed Oct. 27, 1926. Serial No. 19,491. Term of patent 14 years.



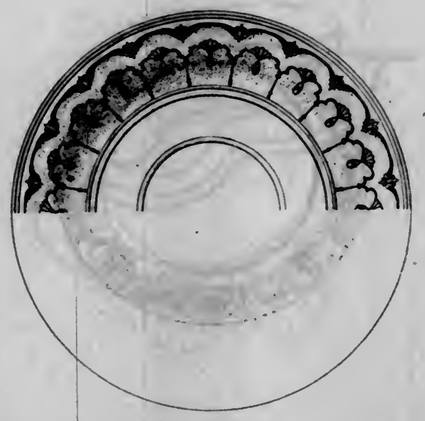
The ornamental design for a combination lamp and smoker's set as shown.

72,489. COMBINATION LAMP AND CLOCK CASE. JOHN D. NEWLAND, Los Angeles, Calif. Filed Feb. 14, 1927. Serial No. 20,764. Term of patent 14 years.



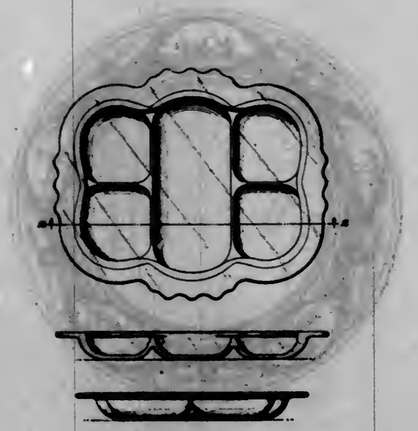
The ornamental design for a combination lamp and clock case as shown.

72,490. PLATE OR ANALOGOUS ARTICLE. HAROLD E. NOCK, Newburyport, Mass., assignor to Towle Manufacturing Company, Newburyport, Mass., a Corporation of Massachusetts. Filed Jan. 29, 1927. Serial No. 20,529. Term of patent 7 years.



The ornamental design for a plate or analogous article, substantially as shown and described.

72,491. SERVICE TRAY FOR RELISH OR THE LIKE. WILBER L. ORME, Cambridge, Ohio. Filed Jan. 31, 1927. Serial No. 20,557. Term of patent 7 years.



The ornamental design for a service tray for relish or the like, as shown.

72,492. PLATE OR SIMILAR ARTICLE. MAX J. PALM, Jr., Cincinnati, Ohio. Filed Nov. 17, 1926. Serial No. 19,750. Term of patent 3½ years.



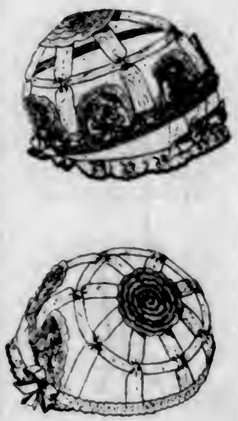
The ornamental design for a plate or similar article, as shown.

72,493. PLATE OR SIMILAR ARTICLE. JOHN E. PHILLIPS, Chicago, Ill., assignor to Albert Pick & Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 26, 1926. Serial No. 16,683. Term of patent 7 years.



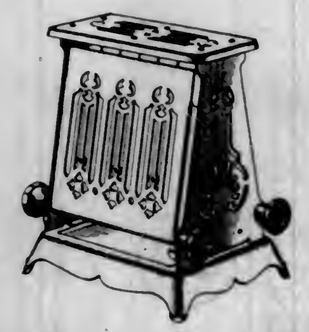
The ornamental design for a plate or similar article, as shown.

72,494. BOUDOIR CAP. MINA L. PETERS, Seattle, Wash. Filed Dec. 9, 1926. Serial No. 20,003. Term of patent 3½ years.



The ornamental design for a boudoir cap as shown.

72,495. ELECTRIC TOASTER. CHARLES P. RANDOLPH, Oak Park, Ill., assignor to Edison Electric Appliance Company, Incorporated, Chicago, Ill., a Corporation of New York. Filed Mar. 22, 1926. Serial No. 17,009. Term of patent 14 years.



The ornamental design for an electric toaster substantially as shown.

72,496. WATCH BRACELET. MILTON H. SABIN, New York, N. Y. Filed July 19, 1926. Serial No. 18,401. Term of patent 3½ years.



The ornamental design for a watch bracelet as shown.

72,497. WHEELED TOY. JOSEPH ANDREW SAUBER, Evanston, Ill., assignor to The Toy Tinkers, Inc., Evanston, Ill., a Corporation of Illinois. Filed Oct. 6, 1926. Serial No. 19,253. Term of patent 14 years.



The ornamental design for a wheeled toy, as shown.

72,498. CREAM PITCHER. ANGELO C. SCAVULLO, New York, N. Y., assignor to Jos. Heinrichs Corporation, a Corporation of New York. Filed Feb. 11, 1927. Serial No. 20,703. Term of patent 14 years.



The ornamental design for a cream pitcher as shown.

72,499. STAND FOR A DRINKING SET OR SIMILAR ARTICLE. PHILIP SCHEINER, Brooklyn, N. Y. Filed Jan. 17, 1927. Serial No. 20,414. Term of patent 3½ years.



The ornamental design for a stand for a drinking set or similar article, as shown.

72,500. COMBINED FRAME AND BODY WITH HOOD FOR A BABY CARRIAGE. HAROLD F. SHAW, Leominster, Mass. Filed Oct. 14, 1926. Serial No. 19,354. Term of patent 7 years.



The ornamental design for a combined frame and body with hood for a baby carriage, as shown.

72,501. DRESS. MAUDE SIEGEL, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 13, 1927. Serial No. 20,364. Term of patent 3½ years.



The ornamental design for a dress, substantially as shown.

72,502. DOLL OR SIMILAR ARTICLE. JANE GRAY STOKES, Larchmont, N. Y., assignor to Jane Gray Company, Inc., New York, N. Y., a Corporation of New York. Filed Jan. 6, 1927. Serial No. 20,297. Term of patent 3½ years.



The ornamental design for a doll or similar article as shown.

72,503. BOTTLE. ARCH B. TAYLOR, Charlotte, CORNELIA TAYLOR LONG, Winston-Salem, N. C., and ARCHIE C. SOHN, Pittsburgh, Pa., assignors to Taylor-Long Company, Charlotte, N. C., a Corporation of North Carolina. Filed Feb. 18, 1927. Serial No. 20,810. Term of patent 14 years.



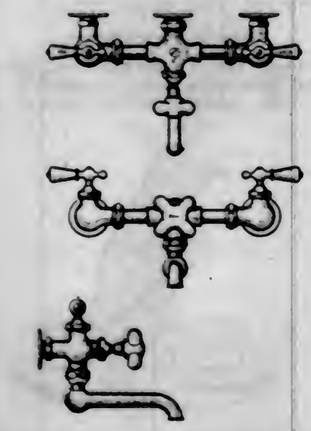
The ornamental design for a bottle as shown.

72,504. RADIOCABINET. JOSEPH WOLFF, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc., a Corporation of New York. Filed Jan. 8, 1926. Serial No. 16,000. Term of patent 7 years.



The ornamental design for a radiocabinet, substantially as shown.

72,505. FAUCET. WILLIAM F. VAN EWEYK, Milwaukee, Wis., assignor to Milwaukee Brass Manufacturing Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed July 19, 1926. Serial No. 18,399. Term of patent 7 years.



The ornamental design for a faucet, as shown.

72,506. GOBLET OR SIMILAR ARTICLE. JULES H. VERNON, New York, N. Y. Filed Oct. 26, 1926. Serial No. 19,489. Term of patent 14 years.



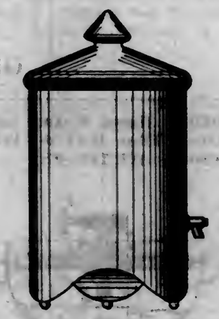
The ornamental design for a goblet or similar article, as shown and described.

72,507. GOBLET OR SIMILAR ARTICLE. JULES H. VERNON, New York, N. Y. Filed Feb. 5, 1927. Serial No. 20,633. Term of patent 14 years.



The ornamental design for a goblet or similar article, as shown and described.

72,508. WATER COOLER. HENRY WEISS, Millbrae, Calif. Filed Mar. 8, 1926. Serial No. 16,820. Term of patent 3½ years.



The ornamental design for a water cooler, substantially as shown.

72,509. BADGE OR LIKE ARTICLE. SIMON ZUBROW, Philadelphia, Pa. Filed Feb. 9, 1926. Serial No. 16,456. Term of patent 3½ years.

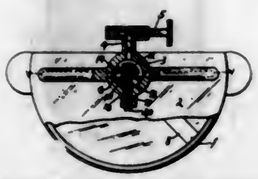


The ornamental design for a badge or like article, as shown.

PATENTS

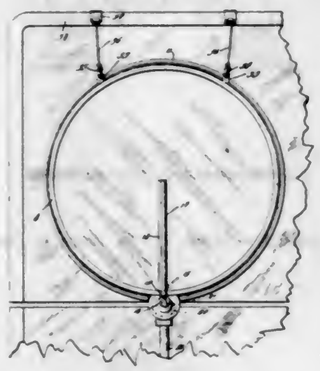
GRANTED APRIL 19, 1927.

1,624,905. MOTOR. HARRY P. ADIE and PAUL GILPIN, Cleveland, Ohio. Filed Mar. 20, 1922. Serial No. 545,307. 2 Claims. (Cl. 121—97.)



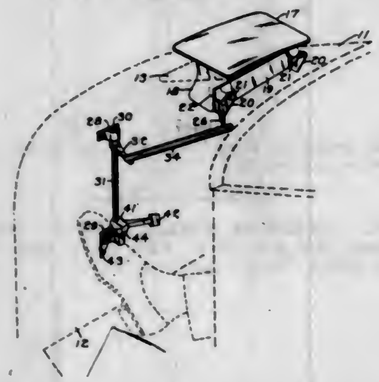
2. A motor of the type set forth comprising a casing, a spindle and a piston mounted thereon adapted to oscillate within said casing, a port controlling valve mounted exterior of said casing and in line with the piston spindle, means for holding said valve immovable during a portion of the piston movement, a spring connection between the spindle and the valve operated directly by the spindle and brought under tension by the action of said spindle; the tension thus created in said spring being adapted to overcome the resistance offered by the means for holding said valve immovable and to rapidly oscillate the valve at approximately the end of the piston stroke.

1,624,906. WINDSHIELD. JOHN BAUER, Detroit, Mich. Filed Apr. 9, 1923. Serial No. 630,829. 1 Claim. (Cl. 15—250.)



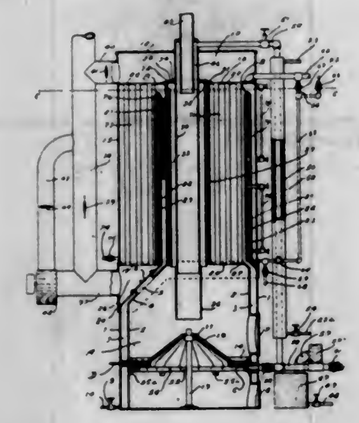
A windshield protector embodying a substantially circular guarding member, a rubber ring carried by the guarding member and adapted to engage the windshield to which the device is secured, a circular shield supported for rotation within the guarding member, a flange to which the shield is secured, said flange resting in spaced relation with the windshield to which the device is secured, a stationary wiping member contacting with the shield, a gear supported under the shield and contacting with the flange, means for rotating the gear to rotate the shield, and means for securing the windshield protector to a windshield.

1,624,907. VENTILATOR. JOSEPH H. BOURGON, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed July 3, 1924. Serial No. 723,890. 7 Claims. (Cl. 98—2.)



1. In a motor vehicle, a cowl ventilator, an arm secured to said ventilator, a vertical rotatable shaft secured to the vehicle dash, an arm secured to the upper end of said shaft, and rotatable therewith, a link connecting said arm on said vertical shaft and said arm on said ventilator, and pedals secured to the lower end of said shaft and rotatable therewith to operate said ventilator.

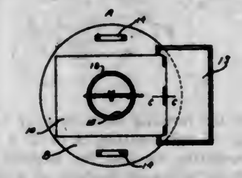
1,624,908. VERTICAL FIRE-TUBE BOILER. OLIVER S. BOWMAN, Colorado Springs, Colo. Filed Oct. 4, 1926. Serial No. 139,419. 7 Claims. (Cl. 122—37.)



1. In a vertical return-draft fire tube boiler, in combination, a main shell; a fire box, comprising concentric shells, positioned below said main shell; a lower tube

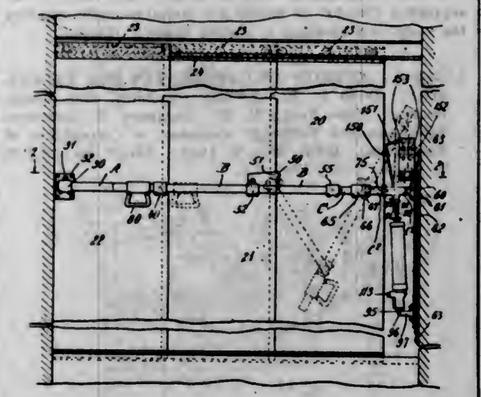
sheet, divided into minor segment, the arc of which is fixed to the rear of said main shell, and a major segment mounted on the inner shell of said fire box; a continuous insulating wall, conforming to an arc at the front and to a chord of a circle at the back, vertically disposed within said main shell and spaced therefrom, said wall comprising concentric shells connected at the top and insulating material there-between, the outer shell being secured to the chord of the minor segment of said lower tube sheet and to the bottom of said main shell, and the inner shell mounted on the outer shell of said fire box.

1,624,909. ASH-HANDLING EQUIPMENT. OLIVER S. BOWMAN, Colorado Springs, Colo. Filed Jan. 10, 1927. Serial No. 160,241. 6 Claims. (Cl. 126—242.)



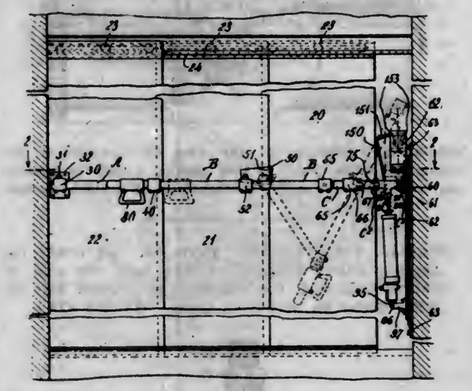
6. In an equipment of the class described, the combination of a hood, comprising a sheet having an opening therein, and a shell open below and at one end, fixed to said sheet above said opening; a plate, having a slot therein, hinged to the top edge of open end of said shell; a pan fixed to said sheet in proximity to said open end; a thimble, mounted on said shell and in open communication therewith; a damper, mounted on an operating shaft, disposed within said thimble; and a pipe, having a pair of angular slots through which the ends of said operating shaft project, mounted loosely on said thimble and adapted to be connected with a smoke pipe or a chimney.

1,624,910. DOOR CLOSER. THOMAS BRADY, East Orange, N. J., assignor, by mesne assignments, to Otis Elevator Company, New York, N. Y., a Corporation of New Jersey. Filed Feb. 15, 1923. Serial No. 619,231. 8 Claims. (Cl. 16—52.)



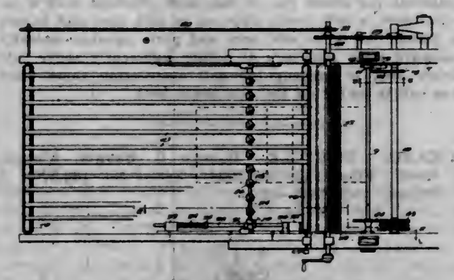
1. Door check or cushioning mechanism comprising a rod, a piston connected thereto, a cylinder receiving said piston and adapted to be connected to a fixed abutment, a by-pass through the cylinder wall and communicating with the lower end of the cylinder through a lateral opening therein, the bottom of said piston being beveled.

1,624,911. DOOR CLOSURE. THOMAS BRADY, East Orange, N. J., assignor, by mesne assignments, to Otis Elevator Company, New York, N. Y., a Corporation of New Jersey. Original application filed Feb. 15, 1923, Serial No. 619,231. Divided and this application filed Oct. 10, 1925. Serial No. 61,643. 9 Claims. (Cl. 268—52.)



3. Door closure mechanism for sectional doors comprising a series of links pivoted respectively to the door sections and to each other and connected at one end to a fixed pivot, the pivotal connections between the links and doors and between the respective links being adjustable.

1,624,912. PAPER-FEEDING APPARATUS. ALBERT BROADMEYER, Harrisburg, Pa., assignor to The W. O. Hickok Mfg. Company, Harrisburg, Pa., a Corporation of Pennsylvania. Filed Dec. 1, 1923. Serial No. 678,012. 15 Claims. (Cl. 271—46.)

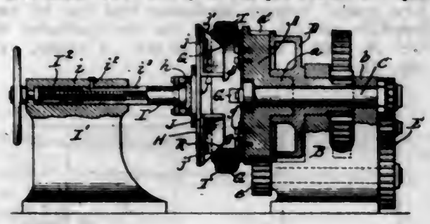


1. In sheet feeding apparatus, the combination with a carrier on which sheets are successively placed in substantial line one behind the other, of means movable to a position above the carrier for elevating the front portions of the sheets out of such line to permit each to override the rear portion of the one in advance of it, and mechanism for automatically and periodically moving the sheet-elevating means.

1,624,913. MEANS FOR UTILIZING WASTE RUBBER. JAMES W. AMES, Montclair, N. J. Filed Apr. 25, 1922. Serial No. 556,545. 9 Claims. (Cl. 164—39.)

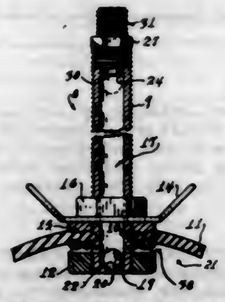
1. An apparatus of the class described embodying a plurality of rotatable heads positioned in facing relation one to the other, said heads having means for wedging engagement with a tire rim interiorly thereof, whereby a

tire rim is rotatably mounted for exposing the surface of a tire, means for imparting rotative movement to one of said heads and cutting means positioned in a plane



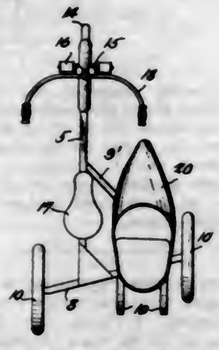
substantially parallel to the axes of rotation of the rotatable heads, said cutting means acting to remove material from a tire for substantially the width thereof.

1,624,914. TIRE VALVE. DAVID W. BEECHTEL, Los Angeles, Calif., assignor of forty-nine per cent to Marvin L. Arnold, Los Angeles, Calif. Filed July 23, 1925. Serial No. 45,445. 1 Claim. (Cl. 152—12.)



In a pneumatic tire valve, a stem provided with a vertical bore, an inverted seat adjacent the upper end of said bore provided with a coaxial port, a lower seat adjacent the lower end of said bore provided with a coaxial port, a ball freely disposed in said bore and having a piston like fit in said bore and ports opening laterally outward from said bore at points sufficiently above said lower seat to prevent the ball obstructing same when the ball is seated on the said lower seat.

1,624,915. TRICYCLE. HAROLD C. BENNIE, Almena, Kans. Filed Aug. 30, 1926. Serial No. 132,570. 2 Claims. (Cl. 208—45.)



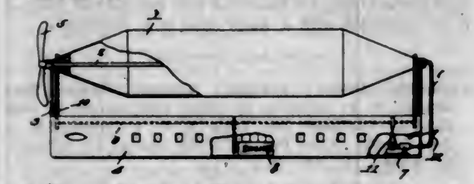
In a device of the character described, a body portion, a propelling wheel at the front end of the body portion, a rear axle disposed at an oblique angle with respect to the body portion, wheels mounted at the ends of the axle, a carrier mounted laterally of the body portion and supported by the axle, and one of the wheels operating at a point to the rear of the carrier.

1,624,916. MACHINE FOR OPERATING ON LASTS. FREDERIC E. BERTRAND, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Jan. 8, 1923. Serial No. 611,440. 10 Claims. (Cl. 144—93.)



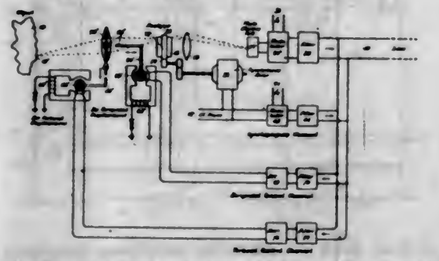
1. A machine for forming holes through the rear ends of lasts having, in combination, a drill, a work holder comprising cooperating devices for engaging respectively the top and the heel-seat surface of a last and constructed and arranged to clamp the last between them and to position the last in front of the drill, one of said devices being constructed and arranged for tilting adjustment relatively to the other of said devices, and means for relatively moving the drill and the work holder axially of the drill to form a hole in the last.

1,624,917. AIRSHIP AND METHOD OF MAKING THE SAME BUOYANT. FORD G. BIRCHARD, Lewisburg, Pa. Filed May 5, 1926. Serial No. 106,910. 5 Claims. (Cl. 244—3.)



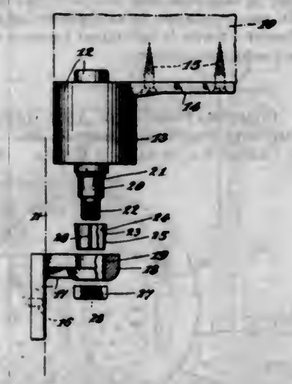
4. The combination with a hollow body and a car supported thereby, of means for simultaneously rotating the body and creating a partial vacuum therein.

1,624,918. METHOD AND APPARATUS FOR TELEVISION. OTTO B. BLACKWELL, Plandome, and Joseph Herman, New York, N. Y., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed May 7, 1925. Serial No. 28,702. 21 Claims. (Cl. 178—6.)



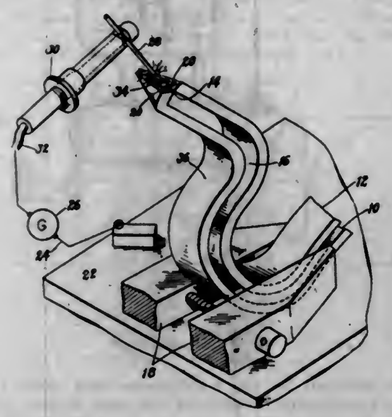
18. The method of television which comprises scanning an object and electrically reproducing an image thereof with maximum definition in the central portion and varying said scanning to reproduce the image with maximum definition in any desired portion.

1,624,919. PIVOT SPRING HINGE. EMIL BOMMER, Brooklyn, N. Y. Filed Feb. 28, 1925. Serial No. 12,231. 1 Claim. (Cl. 16—182.)



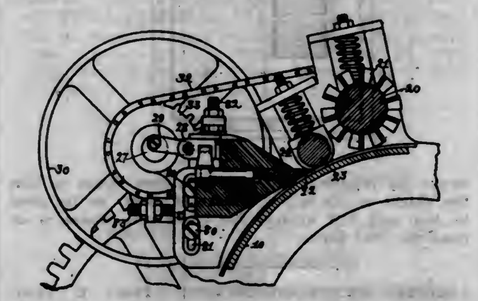
A spring hinge for a door, comprising a bracket extending substantially horizontally from the door jamb, the bracket having a vertically extending, downwardly tapering opening therethrough, a pivot pin having an annular shoulder near the lower end thereof, and having a cylindrical portion just below said shoulder, a split collar, the inside bore of which is cylindrical and the outside surface of which is tapered downwardly, said bushing being engageable around said cylindrical portion of the pivot pin, against said annular shoulder, and a nut threaded onto the lower end of the pivot pin, below the bracket, for drawing the pivot pin downwardly and causing said shoulder to jam the collar into the opening in the bracket, for locking the pin in place in the bracket.

1,624,920. ART OF MAKING DIES. ALBERT R. BRADEN, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Jan. 9, 1922. Serial No. 528,012. 2 Claims. (Cl. 76—107.)



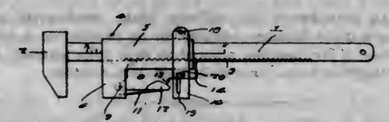
1. The method of making a die, which consists in forming a plurality of separate die-sections out of die-stock, each with its edge of the same contour and length that it is to have in the finished die, assembling said formed sections with their edges coinciding with the contour of the finished die, temporarily securing against relative movement the sections so assembled, and joining the ends of said sections by welding while said sections remain so secured.

1,624,921. LEATHER-WORKING MACHINE. WINN E. BROUGHTON, Peabody, Mass., assignor to The Turner Tanning Machinery Company, Peabody, Mass., a Corporation of Maine. Filed Nov. 14, 1923. Serial No. 674,692. 10 Claims. (Cl. 149—16.)



1. In a machine for cheeking hides and other similar pieces of work, in combination, a rotatable drum to support the work, clamping mechanism carried by the said drum to secure the work thereto, a knife for operating on the work, a cylinder having helically arranged vanes to engage the work on said drum and spread it out on the latter before being presented to the knife by said drum, and a finted roll arranged between said spreading cylinder and said knife for co-operation with the drum in presenting the work to the knife.

1,624,922. WRENCH. LEO TALLY BROYLES, Entiat, Wash. Filed May 24, 1926. Serial No. 111,322. 2 Claims. (Cl. 81—134.)

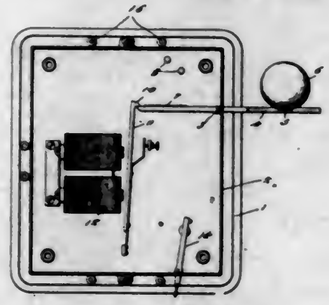


1. In a wrench of the class described, comprising a shank, a jaw carried on one end thereof, there being ratchet teeth formed on the inner edge of said shank, a movable jaw adapted for slidable movement on said shank, a pivoted pawl associated with the movable jaw and cooperating with the ratchet teeth for holding the slidable jaw in any adjusted position on the shank, cooperating means between the free end portion of the pivoted locking pawl and said movable jaw for holding the pawl in engagement with the ratchet teeth, said means comprising a pivoted bail carried by the movable jaw and extending around the free end portion of the locking pawl, the sides of said bail being provided with bayonet slots, and pins projecting laterally from the free end portion of the locking pawl and operable in said bayonet slots.

1,624,923. SIGNAL APPARATUS. RAYMOND W. BURDALL, Gloucester Heights, N. J. Filed Nov. 17, 1923. Serial No. 675,852. 1 Claim. (Cl. 177—329.)

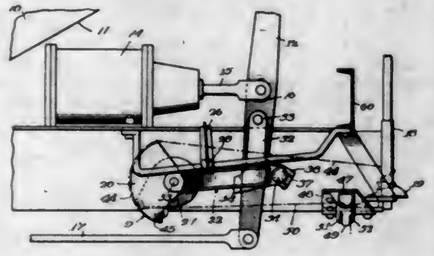
A signal apparatus adapted to attract a deaf person and comprising a casing, a platform lever pivoted within the casing to swing in a vertical plane and having a depressed portion extending exteriorly of the casing, a

ball adapted to normally lie on the depressed portion of said platform lever, means for normally retaining said platform lever in a horizontal position, and magnetic



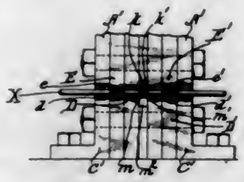
means for releasing said first mentioned means so that the weight of the ball will move the lever on its pivot to drop said ball whereby the latter will bounce to attract the deaf person.

1,624,924. BRAKE MECHANISM. PERCY B. CAMP, Maywood, Ill., assignor to Universal Draft Gear Attachment Co., a Corporation of Illinois. Filed Aug. 6, 1926. Serial No. 127,572. 9 Claims. (Cl. 188—107.)



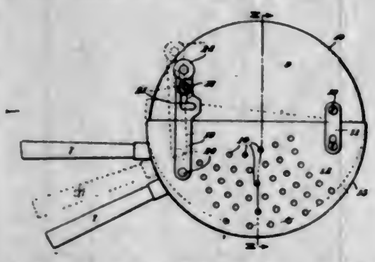
9. An attachment for railway brake mechanism comprising a yoke member adapted to be pivoted to a cylinder lever, a jaw member pivoted to said yoke member, and a multiplying lever pivoted in said jaw member.

1,624,925. WIRE-WORKING MACHINE. SPENCER C. CARY, Brooklyn, N. Y., assignor to Cary Manufacturing Co., Brooklyn, N. Y., a Corporation of New York. Filed Apr. 14, 1922. Serial No. 552,768. 5 Claims. (Cl. 140—73.)



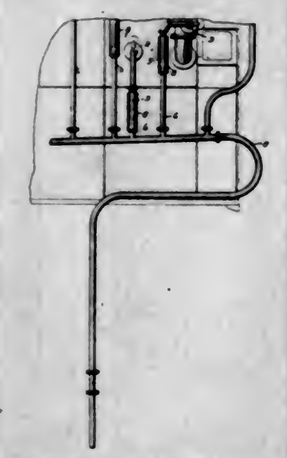
1. In a machine for making wire package binders, the combination with wire feeding means, wire-straightening means, and a cooperating stationary anvil and reciprocating member in spaced relation to said feeding means, of a plurality of deforming dies carried respectively by said stationary anvil and said reciprocating member, said dies being mutually co-operable on a length of wire for producing thereon a deformation bounded by a holding shoulder, and a plurality of cutting members one on the stationary anvil and the other on the reciprocating member, said cutting members being mutually co-operable and acting concurrently with the deforming dies for severing the wire adjacent the deformation produced on said wire by the action of said dies, said co-operating cutting members being in spaced relation to said deforming dies whereby a short length of wire is left intact between the severed wire end and said deformation.

1,624,926. COMBINATION LID AND LIFTING DEVICE. MICHAEL CHOVANEC, Hasleton, Pa. Filed Mar. 26, 1925. Serial No. 18,541. 2 Claims. (Cl. 53—8.)



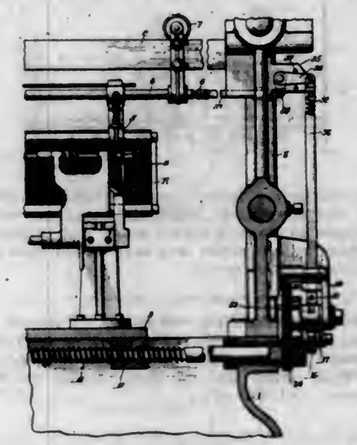
1. In a device of the type described, a frame formed of a single strand of wire bent into a ring, handles mounted on the ends of said strand of wire by means of which the diameter of the ring may be reduced to permit grasping a cooking vessel for lifting the latter, a pair of plate members fastened to opposite sides of said frame and overlapping each other to form a lid, one of said plate members having a plurality of perforations, and a perforated valve plate fastened to the imperforate plate member in a manner to underlie the perforated plate member for causing the perforations in the plate member and valve plate to register when the ring-like frame is in its vessel grasping condition for permitting the device to be used as a strainer.

1,624,927. SOOT-BLOWER CONNECTION. CHARLES W. E. CLARKE, New York, N. Y. Filed Mar. 8, 1923. Serial No. 623,626. 3 Claims. (Cl. 122—379.)



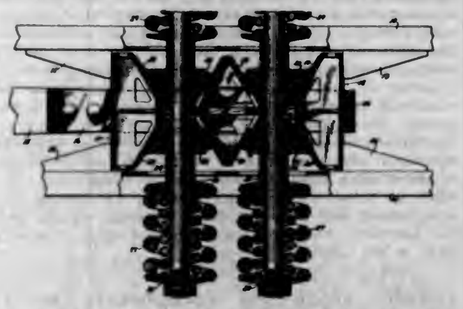
1. In a soot blowing apparatus, the combination of devices for conducting steam including a flexible hose, and a rigid guard located adjacent and laterally of the normal position of an operator and through which said hose extends loosely, said guard being loosely mounted, whereby said guard and hose are movable relatively to each other.

1,624,928. WARP-DRAWING MACHINE. HOWARD D. COLMAN, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a Corporation of Illinois. Original application filed Jan. 8, 1923, Serial No. 611,214. Divided and this application filed June 4, 1926. Serial No. 113,605. 1 Claim. (Cl. 28—44.)



A warp-drawing machine having, in combination, a pivoted arm, yieldable means for swinging said arm, a ratchet wheel pivoted on the axis of said arm, a dog on said arm arranged to engage the ratchet wheel, a mechanism carriage, means driven by said ratchet wheel for feeding the carriage, operating mechanism on said carriage, means for movably supporting a loom reed for engagement by said operating mechanism, said reed being free to travel with said carriage, an arm rigid with the first mentioned arm, a bar mounted for vertical movement, the lower end of said bar when lowered being arranged to limit the oscillation of said arms, counterbalancing means acting upon said bar, a bell crank lever to which the upper end of the bar is connected, and means rendering said bell crank lever sensitive to movement of said reed.

1,624,929. DRAFT GEAR. WALTER H. COTTON, Chicago, Ill., assignor to Union Draft Gear Company, Chicago, Ill., a Corporation of Delaware. Filed Dec. 19, 1923. Serial No. 681,507. 5 Claims. (Cl. 213—36.)

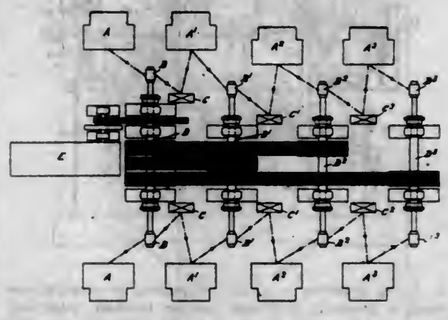


1. A draft gear comprising a pair of followers each having wedging faces and an inwardly projecting web, a pair of outwardly moving wedge-blocks associated with each follower, a rod extending centrally through each of said pairs of wedge-blocks, springs mounted upon such rods for urging the wedge-blocks inwardly, and a pair of triangular wedge-blocks interposed between the two first-named pairs of wedge-blocks, the inner faces thereof frictionally engaging the named webs of the followers.

1,624,930. WOOD PRESERVATIVE. LEO P. CURTIN, Freehold, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a Corporation of New York. Filed Dec. 28, 1925. Serial No. 78,001. 4 Claims. (Cl. 99—12.)

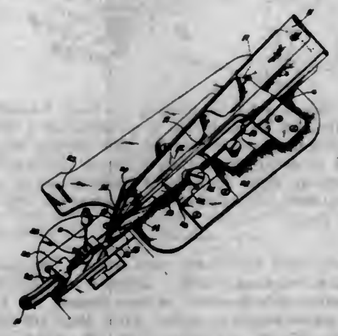
4. Method of preserving wood, comprising impregnating it with an emulsion, comprising a hydrocarbon oil and a solution containing barium hydroxid, and transforming said hydroxid to carbonate within the body of the wood.

1,624,931. ROLLING MILL FOR THE PRODUCTION OF METAL SHEETS OR PLATES. HECTOR LEIGHTON DAVIES, Gowerton, near Swansea, England, and SAMUEL REES COUND, Aberavon, Wales. Filed Oct. 27, 1924, Serial No. 746,110, and in Great Britain Nov. 2, 1923. 3 Claims. (Cl. 29—17.)



1. A rolling mill installation, comprising a prime mover; a pair of furnaces at opposite sides thereof; a plurality of pairs of rolling mills disposed one after another beyond the prime mover, the mills of each pair having a shaft common thereto and whereon they are mounted in symmetrical relation to each other at opposite sides of a median line which intersects all the shafts centrally; gearing for driving the several shafts from the prime mover; a pair of doublers associated with each pair of mills and disposed symmetrically with relation thereto and at opposite sides of the median line; and a pair of furnaces between each pair of doublers and the succeeding pair of mills and likewise disposed at opposite sides of said line.

1,624,932. ROUND FABRIC BELTING AND ITS METHOD OF MANUFACTURE. ALBERT H. DE VOE, Westfield, N. J., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 3, 1919. Serial No. 294,394. 15 Claims. (Cl. 74—66.)

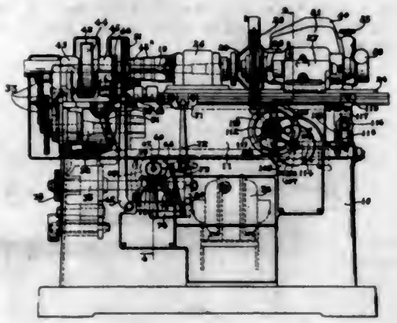


1. An article of manufacture comprising a strip of flexible and needle penetrable material rolled upon itself

to form a substantially round rope and stitched approximately diametrically thereof to prevent unwinding.

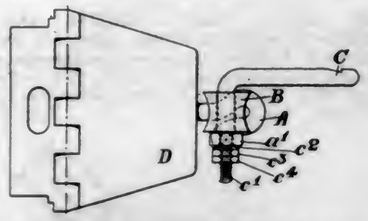
7. The method of making a rope-like article from flexible sheet material, consisting in folding the material longitudinally to form a hem, subsequently coiling it about the folded hem into substantially round form, and stitching it approximately diametrically.

1,624,933. TAP GRINDER. HENRY E. DURKEE, Glastonbury, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Feb. 15, 1926. Serial No. 88,471. 10 Claims. (Cl. 51—95.)



1. A tap grinding machine comprising in combination, a base, a pivotally mounted member thereon, work supporting and rotating means on said pivotally mounted member, a support, a wheel rotatably mounted thereon, cam means to effect relative axial movement between said wheel and the work supporting means, means to actuate said cam means from said work rotating means, and means to oscillate said pivotally mounted member in timed relation to said movements to engage and disengage the work relative to the wheel.

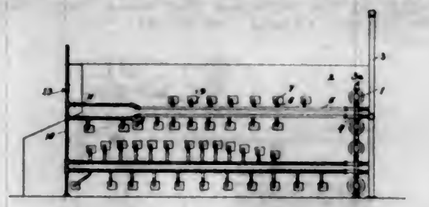
1,624,934. THREAD GUIDE FOR SPINNING, TWISTING, AND WINDING MACHINERY. EDWIN ELLIOTT and HAROLD ROEBUCK, Shanghai, China. Filed Sept. 23, 1925, Serial No. 58,110, and in Great Britain Jan. 13, 1925. 2 Claims. (Cl. 118—10.)



1. A thread guide comprising a shank formed with a loop having a cranked end terminating in a perforated block, a roller mounted on an axle having one portion adapted to fit at the perforated block and another portion bent at right angles and constructed to act as a snarl catcher, and means for securing the axle portion to the block.

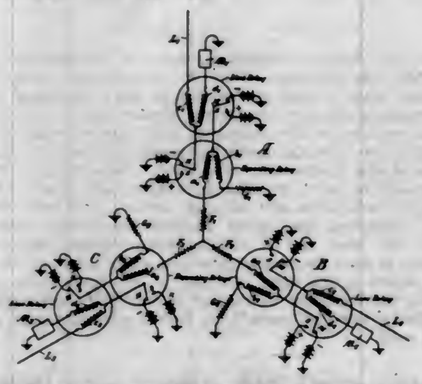
1,624,935. GAS CONTROL FOR OVENS. EUGENE OSCAR ENGELS, Saginaw, Mich., assignor to Baker-Perkins Company, Incorporated, White Plains, N. Y., doing business at Saginaw, Mich. Filed Mar. 16, 1926. Serial No. 95,162. 2 Claims. (Cl. 158—104.)

1. In combination, a heating chamber having a plurality of burners, a header adapted to supply combustible mixtures of air and gas to said burners, a valve-controlled gas conduit connecting each burner with said header, a pressure-regulated automatic mixture control device adapted to supply gas and air in predetermined



ratio to said header during normal variations of pressure therein, and independent automatic means for relieving the pressure within said header before said pressure can rise sufficiently to interfere with said normal operation of said mixture control device.

1,624,936. TELEGRAPH SYSTEM. CHARLES LEE FARIES, Tippecanoe City, Ohio, assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 25, 1926. Serial No. 97,421. 5 Claims. (Cl. 178—73.)

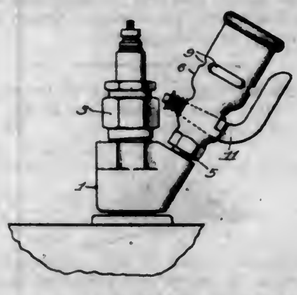


1. A system for signaling including a plurality of telegraph lines over which signals may be transmitted and received, said telegraph lines being connected together at the same station by telegraph sets, each of said telegraph sets including a line relay and a repeating relay, the line relay having a pair of windings, one of said windings being connected to a telegraph line and the other winding being connected to a variable artificial balancing line, the armature of said line relay repeating signals from the associated telegraph line to other telegraph lines in the system, the repeating relay having a pair of windings including resistances proportioned in accordance with the number of telegraph lines in the system, the resistance of one winding being as many times the magnitude of the other as there are telegraph lines in the system, the armature of said repeating relay repeating signals over the associated telegraph line from said other telegraph lines in the system.

1,624,937. SPARK-PLUG ATTACHMENT. ROY C. FLOYD, Chicago, Ill., assignor to Unique Spark Plug Cleaner Co., Chicago, Ill., a Corporation of Illinois. Filed May 18, 1925. Serial No. 30,967. 4 Claims. (Cl. 123—169.)

1. Instrumentalities for cleaning spark plugs, comprising an internal combustion engine, means for permitting the fire and explosive pressure to escape from the engine, and means for presenting the plug to be cleaned to the impinging blast of fire which has escaped from the

engine, said engine being operative to produce said cleaning blast of fire independently of the plug to be cleaned, so that the plug is cleaned while not operative to function as a spark plug, a socket piece screwed into the opening ordinarily occupied by the spark plug of the engine, forming a support for said plug presenting means, and a spark plug screwed into said socket piece to ignite the charge in the engine, said socket piece having a passage leading to the operative spark plug, and an entirely separate and smaller discharge passage leading to the plug to be cleaned.



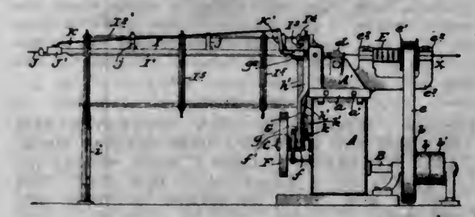
1,624,938. METHOD FOR THE PREVENTION OF CORROSION. STANLEY FOWLER, Yorkshire, and EDWIN EDSER, London, England. Original application filed Apr. 26, 1926, Serial No. 104,833, and in Great Britain Mar. 24, 1925. Divided and this application filed Aug. 18, 1926. Serial No. 130,100. 3 Claims. (Cl. 134—1.)

1. A method of preventing corrosion of metallic surfaces which consists in covering the surface with a substantially non-acid layer consisting essentially of anhydrous neutral soap-free wool-fat in homogeneous unclouded admixture with a non-acid non-volatile thinning agent.

1,624,939. LUBRICANT. STANLEY FOWLER, Yorkshire, and EDWIN EDSER, London, England. Filed Jan. 25, 1927, Serial No. 163,551, and in Great Britain Mar. 24, 1925. 1 Claim. (Cl. 87—9.)

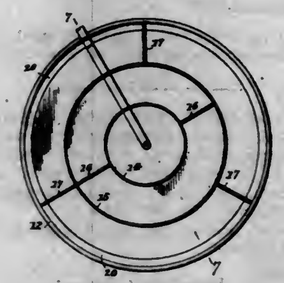
A lubricant consisting essentially of anhydrous wool-fat containing less than 0.5% of fatty acids calculated as oleic acid yielding less than 0.1% of ash, capable of dissolving to a clear solution without producing cloudiness or sediment in a mineral lubricating oil, and containing such small quantities of impurities insoluble in benzene at normal atmospheric temperatures as not to render a solution of the wool-fat in twice its weight of benzine turbid, such wool-fat being homogeneously admixed with a mineral lubricating-oil having a viscosity above 400 seconds Saybolt at 100° F.

1,624,940. MACHINE FOR DEFORMING WIRE IN DEFINITE LENGTHS. WILLIAM F. FRECH, Brooklyn, N. Y., assignor to Cary Manufacturing Co., Brooklyn, N. Y., a Corporation of New York. Filed Nov. 17, 1923. Serial No. 675,255. 9 Claims. (Cl. 140—78.)



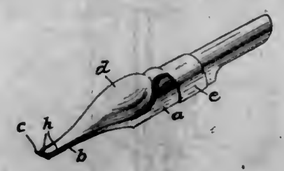
1. In a machine of the class described, a frame member provided with an offstanding lug, a bracket member fixedly attached to said lug, a tubular member for the passage of a wire, a deforming die and a shear member in fixed relation to each other and carried by said bracket member in a plane below the path of feed of a wire, a moving part, a deforming die and a cutter carried by the moving part in co-operable relation respectively to the first named deforming die and the shear member, and a spring actuated plunger supported by the moving part and positioned intermediate the die and the cutter of said moving part for displacing the severed end of the wire relatively to said cutter.

1,624,941. CAKE PAN. NETTIE R. FULKERSON, Fallon, Nev. Filed Aug. 7, 1925. Serial No. 48,819. 1 Claim. (Cl. 53—6.)



In combination with a bake pan having an upstanding circular wall, a removable division member comprising a plurality of partition walls some of which are circular and concentrically arranged and others of which are radially disposed, said division member adapted to nest in the pan and the radial walls thereof having their outer end edges spaced from the inner surface of the side walls of the pan when the circular partition walls are concentrically arranged with relation to the pan.

1,624,942. PEN. ROSS F. GEORGE, Seattle, Wash. Filed May 25, 1922. Serial No. 563,648. 10 Claims. (Cl. 120—114.)

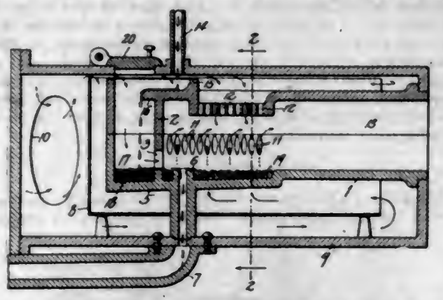


1. A pen comprising a pen point slit to form nibs and provided with a feeder overlying the point and adapted in conjunction with the point to form a reservoir for ink between the pen point and feeder, the feeder adjacent its delivery end being in contact with the pin point between its side edges and having a side edge portion out of contact therewith.

1,624,943. OIL BURNER. WILLIAM E. GIBBS, East Orange, N. J., assignor to Gibbs Utilities Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 22, 1925. Serial No. 77,018. 13 Claims. (Cl. 158—91.)

1. An oil burner comprising a horizontal casing having concave side walls, a discharge opening at one end, an

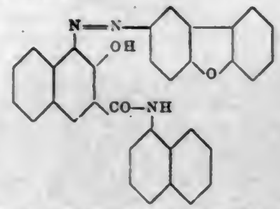
oil containing pocket in the bottom wall, and air supply ports entering said casing tangentially to said concave walls in planes transverse to said casing, whereby the



air is caused to sweep with a gyratory motion over the interior of the casing walls before striking the oil in said pocket.

1,624,944. AZO DYESTUFFS FROM AMINODIPHENYLENOXIDE. EUGEN GLIETENBERG, Leverkusen, Germany, assignor to Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed Dec. 2, 1925. Serial No. 72,814. and in Germany Dec. 11, 1924. 4 Claims. (Cl. 260—95.)

2. As a new product the azo dyestuff having most probably the formula



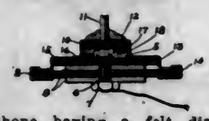
which is a deep red powder, practically insoluble in water and yielding on reduction aminodiphenylenoxide and an amino-2-3-hydroxynaphthoic acid-alpha-naphthalid.

1,624,945. EXTENSION FOOT FOR LADDERS. CHARLES A. GLOVER, Lincoln, Mass. Filed Aug. 27, 1925. Serial No. 52,821. 2 Claims. (Cl. 228—63.)



1. An extension foot for ladders and the like comprising a cylindrical socket having a longitudinal slot therein and branch transverse slots, each branch slot being enlarged to provide a shoulder in the upper and lower edges thereof, an extension member projecting from the lower end of the socket and movable longitudinally and rotationally in the socket, and an arm on the extension member for moving the same longitudinally and rotationally in the socket, said arm being adapted to be received in the longitudinal and transverse branch slots and to pass beyond the shoulders therein.

1,624,946. MICROPHONE. HARVEY C. HAYES, Annapolis, Md. Filed June 7, 1923. Serial No. 644,037. 6 Claims. (Cl. 179—122.)



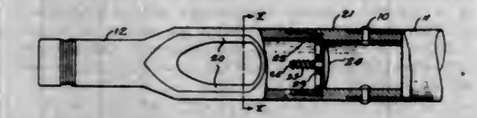
4. A microphone having a felt diaphragm, inertia elements on each side thereof and symmetrically arranged about the center of the diaphragm.

1,624,947. MOTION-PICTURE PHOTOGRAPHY AND PROJECTION. ARTURO HERNANDEZ-MEJIA, New Rochelle, N. Y.; Margaret N. Hernandez, administratrix of said Arturo Hernandez-Mejia, deceased, assignor to Colorgraph Laboratory, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 6, 1918. Serial No. 265,657. 5 Claims. (Cl. 88—16.4.)



1. In motion picture photography and projection, the method of producing color motion pictures, which consists in the utilization of a film having a series of sets of color records, projecting said records in black and white upon the screen, and during the period of film movement occurring subsequent to the projection of each record, casting upon the screen a flood of light which is of a color corresponding to such record.

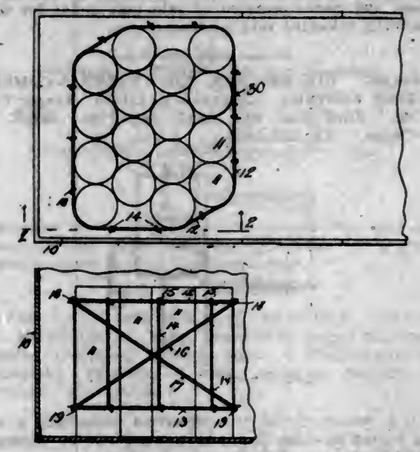
1,624,948. SWIVEL BAILER TOP. FRANK J. HINDERLITER, Tulsa, Okla. Filed Aug. 17, 1925. Serial No. 50,740. 1 Claim. (Cl. 166—19.)



In a bailer top, a neck having a central shouldered aperture, a rope socket seating against said shoulder, a yoke branching out from said neck and terminating in a ring, a threaded extension on said ring, a co-operating threaded bailer top adapted to screw onto said threaded extension, said bailer top having a recess below the threads defining a shoulder, and a back pressure valve and cage, said cage adapted to be clamped against the shoulder by the end of the threaded extension of said ring.

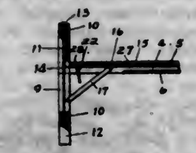
1,624,949. METHOD OF AND APPARATUS FOR BRACING AND SECURING MERCHANDISE PACKAGES FOR TRANSIT. LEROY F. HINTZ, Chicago, Ill., assignor to Alec J. Gerrard, Menlo Park, Calif. Filed Apr. 10, 1926. Serial No. 101,076. 9 Claims. (Cl. 105—369.)

1. The method of bracing and securing merchandise packages for transit which consists in assembling the individual packages or articles of merchandise into a group assembly and applying under tension thereabout binders



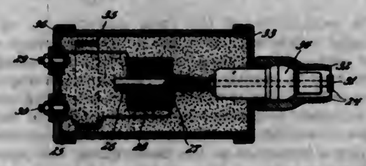
at relatively different portions of the lengths of said articles or packages, and then interconnecting said binders with diagonally disposed braces under tension.

1,624,950. COMBINED UNDERTAKER'S SLUMBER BED, COOLING BOARD, AND CASKET SUPPORT. MILO C. HOARD, Stryker, Ohio, assignor to Wendell P. Grisier, Stryker, Ohio. Filed July 15, 1925. Serial No. 43,669. 3 Claims. (Cl. 5—178.)



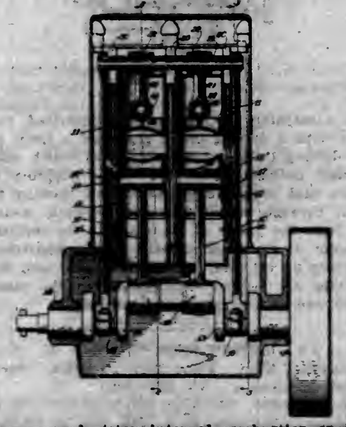
1. In a cooling board, a pair of end boards for supporting the bed from the floor, a pair of side strips and a bed bottom interconnecting the upper edges of the strips, the strips having slots running longitudinally thereof, pins connected to the end boards and movable in the slots, a rod extending between the strips, the ends of the rod located in the slots, links connecting the rod to the end boards, the rods guided by the slots as the end boards are placed upright and when closed, and means for securing the end boards in their upright positions.

1,624,951. HIGH-TENSION CIRCUITS. HARRY B. HOLTHOUSE, Chicago, Ill. Filed July 15, 1922. Serial No. 575,211. 3 Claims. (Cl. 123—148.)



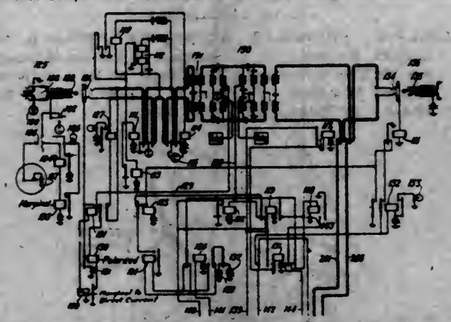
1. In an oscillation transformer and spark plug unit, an oscillation transformer coil, an insulating casing having a chamber with said transformer coil suspended therein, a bottom head for the casing, a spark plug having a central electrode and supporting insulating porcelain therefor extending into the chamber through said head and said plug having a metallic sleeve second electrode for attaching the plug to the casing head in sealed relation thereto and also hold the central electrode and porcelain in the casing, means for connecting the coil to said central electrode, and an insulating compound in the chamber of said casing surrounding the coil and the central electrode in the casing to insulate the central electrode from the sleeve electrode.

1,624,952. INTERNAL-COMBUSTION ENGINE. TERENCE G. JACKSON, Rockford, Ill., assignor to The Jackson Petroleum Motor Company, Augusta, Me., a Corporation of Maine. Filed Mar. 19, 1923. Serial No. 626,005. 7 Claims. (Cl. 123—51.)



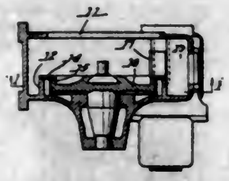
7. An opposed piston internal combustion engine comprising a cylinder, inner and outer pistons reciprocable therein and having piston pins, a crank shaft, a connection between the inner piston and the crank shaft and a connection between the outer piston and the crank shaft comprising connecting rods rockingly mounted on crank pins of said shaft, a cross head whose longitudinal axis is in a plane at a right angle to the axis of the outer piston pin and connecting the outer ends of said rods, and a short connecting rod between and having rocking bearing on said cross head and the outer piston pin, said cylinder being slotted at its outer end to receive said cross head.

1,624,953. TELEPHONE-EXCHANGE SYSTEM. WILLIAM C. JORDAN, Madison, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 15, 1923. Serial No. 680,807. 15 Claims. (Cl. 179—27.)



11. In a telephone exchange system, a toll office, a machine switching office, a toll line extending between said offices, a train of selector switches in said latter office for extending connections to desired lines, a signal at said toll office, and means including an interrupter in the first switch of said train for operating said signal in a distinctive manner when a connection is extended to a busy line.

1,624,954. BULL-GEAR INCLOSURE FOR CRANK-SHAPING MACHINES. GEORGE H. KNIGHT, Torrington, Conn., assignor to The Hendey Machine Company, Torrington, Conn., a Corporation of Connecticut. Filed July 14, 1926. Serial No. 122,455. 5 Claims. (Cl. 74—56.)



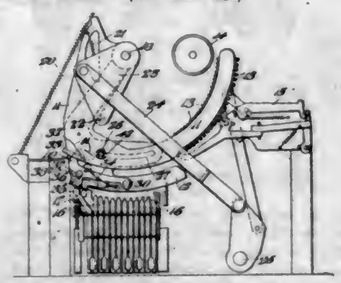
1. In a machine of the character described, the combination with a driving crank gear and a train of gearing for driving it, of a compartment in which said train of gearing is located adapted to be supplied with a lubricant, said compartment having an opening through the wall through which the gear projects, means projecting from the frame of the machine for inclosing the gear except at its junction with said compartment and constituting an oil seal, whereby the gear and its driving gearing are located substantially in the same compartment and receive the same lubrication.

1,624,955. RECEPTACLE. GEORGE H. KNOWLES, Minneapolis, Minn. Filed May 15, 1926. Serial No. 109,300. 2 Claims. (Cl. 206—42.)



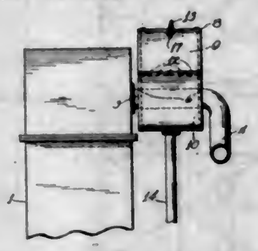
1. A receptacle of suitable material comprising an inner cylindrical tube, a cylindrical tube rotatably surrounding said inner tube and shorter at both ends than the latter, a ring secured around one end of said inner tube and against which said outer tube butts, a cap secured to said ring, a second ring secured around the other end of said inner tube and against which said outer tube butts, and a cap extending loosely over said second ring and secured to said outer tube, said tubes having corresponding openings in their sides which may be made to register upon relative rotation of the tubes.

1,624,956. PRINT-BAR MECHANISM. WILLIAM W. LASKER, Brooklyn, N. Y., assignor to Powers Accounting Machine Corporation, New York, N. Y., a Corporation of Delaware. Filed Mar. 7, 1925. Serial No. 13,814. 6 Claims. (Cl. 101—93.)



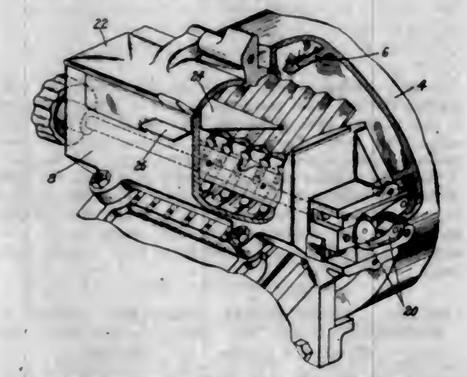
1. In a mechanism of the character stated, the combination of a type sector, a control or selecting sector therefor, means for actuating said sectors, a latching device for connecting said sectors together, a mechanism for releasing said latching device under certain conditions, and means operated by said type sector for automatically relocking said latching device.

1,624,957. OIL REFINER FOR INTERNAL-COMBUSTION ENGINES. CLARENCE E. LILLEY, Kansas City, Mo. Filed Aug. 31, 1925. Serial No. 53,607. 2 Claims. (Cl. 123—196.)



1. A device of the type described comprising a casing having an upper and a lower compartment therein, a filter disposed in the upper compartment, heating means disposed in the lower compartment for heating the oil flowing through the upper compartment, means for conveying oil to the upper compartment, means for conveying the filtered oil away from the lower compartment, and means for conveying the volatile gases from the oil to the carburetor of the engine.

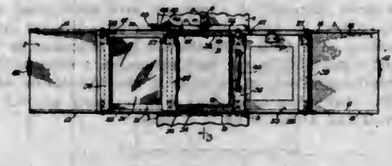
1,624,958. TACK-SUPPLYING MECHANISM. AUSTIN M. LONG, Marshall, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed June 17, 1924. Serial No. 720,710. 7 Claims. (Cl. 1—6.)



1. In mechanism of the class described, a raceway, means for delivering tacks upon said raceway, a tack clearer over the raceway, a receptacle in which said tack clearer is mounted, said receptacle having a portion underlying the tack clearer and extending over the raceway, and a readily detachable guard in said receptacle extending over the tack clearer for preventing tacks from falling upon the tack clearer and upon said underlying portion of the receptacle.

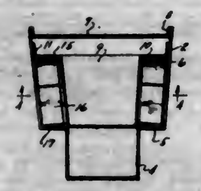
1,624,959. PLATE CARRIER FOR MULTICOLOR CAMERAS. GODFREY LUNDBERG, Winnetka, Ill., assignor to The Tribune Company, Chicago, Ill., a Corporation of Illinois. Filed July 22, 1925. Serial No. 45,178. 9 Claims. (Cl. 95—2.)

1. A photographic device comprising a wall having an exposure opening, a frame slidable along said wall and having a plurality of openings adapted to be brought successively in register with said exposure opening, and a spring projected latch for automatically stopping the



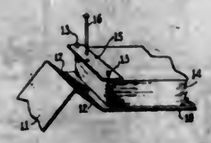
frame with an opening thereof in register with said exposure opening, said frame having means for holding sensitive plates in said frame openings.

1,624,960. SUPPORT FOR DOOR BUMPERS. HERMAN C. MAISS, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Oct. 8, 1923. Serial No. 667,423. 4 Claims. (Cl. 16—86.)



1. In a vehicle body, the combination with a hollow post having a transversely extending opening in one wall thereof, of a sheet metal reinforcing member for the post having a pocket cooperating with a wall of the post to form a housing, one end of said pocket being open and in communication with the opening in the post, door buffers in the housing, said buffers being spaced apart to receive a projection on a door, and a wear plate between said buffer members normally holding the same spaced apart against opposite walls of the pocket.

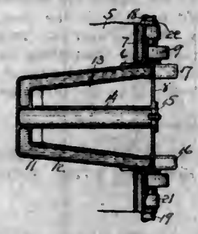
1,624,961. LOOSE-LEAF BINDER. HARRY B. MCBEE, St. Louis, Mo. Filed Sept. 4, 1925. Serial No. 54,895. 4 Claims. (Cl. 129—4.)



3. A loose leaf binder comprising a lower cover, an upper cover and a back, flexibly joined together; filing posts on the lower cover; a locking plate orificed to ride on said filing posts and extend inwardly beyond the sheets to be filed, there being an orifice centrally near the inner edge thereof; a receptacle secured to the back; means whereby the forward end of the locking plate extends into the receptacle secured to the back of the volume, and means to lock the plate in said receptacle.

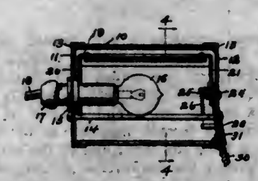
1,624,962. FURNACE. JOSEPH MCLEAN, South Manchester, Conn. Filed Oct. 29, 1924. Serial No. 746,613. 4 Claims. (Cl. 122—498.)

1. A water heater comprising a firepot, a door to close the opening to said firepot, a projection extending from the back face of the door inwardly within said firepot, said projection being in the form of a hood having a



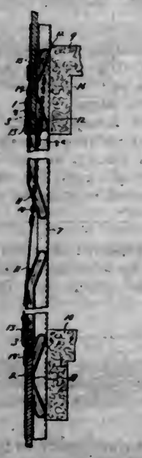
single water compartment within its walls on all sides within the firepot, and circulatory pipes connected with said compartment.

1,624,963. SIGNAL DEVICE. JOHN M. MELE, East Haven, Conn. Filed Aug. 30, 1926. Serial No. 132,476. 5 Claims. (Cl. 116—45.)



1. In mechanism of the character described; a cylinder of glass or the like; a cap closure for both ends thereof; one or more bolts extending through the caps and the chamber within the cylinder for securing the cylinder and caps together as a unit; a display drum within the cylinder, particircular in form, and movably mounted therein, and having plural openings therethrough, one of such openings being formed in the shape of letters; a transparent plate connected with the display drum opposite each of said openings,; and a flexible connection between the display drum and the brake mechanism of the motor vehicle, said bolts being so positioned as to form stops to limit the movement of the drum.
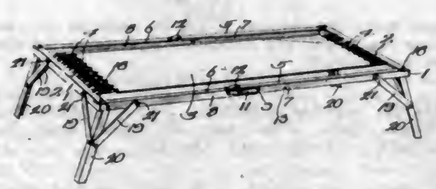
1,624,964. ELEVATOR DOOR. WILLIAM G. MILLER, Detroit, Mich., assignor to The R. C. Mahon Company, Detroit, Mich., a Corporation of Michigan. Filed July 18, 1925. Serial No. 44,477. 10 Claims. (Cl. 20—19.)



1. The combination with a sliding door, of guide rollers carried by said door, and spaced thereupon in the direc-

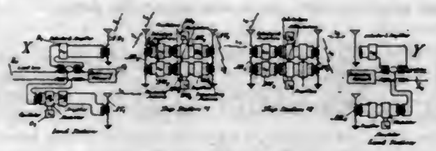
tion of travel of the door, of a track member engaged by said guide rollers, said track member having a portion slightly divergent to its length for receiving one of said rollers in the closed position of the door, and coacting members carried by the door and the track member independently of said rollers for compelling travel of the last mentioned guide roller into said divergent portion of the track when such travel is in the direction of divergency of said portion.

1,624,965. BED. JACOB L. MOORE, Muncie, Ind. Filed Feb. 17, 1925. Serial No. 9,773. 4 Claims. (Cl. 5—114.)



4. A bed frame including a rail formed of similarly disposed angle iron sections having lapping sides extending transversely of the frame, and lapping upright sides, the upright section sides being pivotally connected sufficiently close to the inner end of one of these upright section sides to permit the rail to be folded and sufficiently remote from the inner end of the other upright section side to permit the transverse section sides to lap when the rail is folded; and a strip spring upon and disposed laterally of the first upright section side, the other upright section side frictionally engaging the spring and being received between said strip spring and the first upright section side.

1,624,966. AMBULATORY REPEATING SYSTEM. ROBERT W. MORRIS, Roslyn, N. Y., assignor to American Telephone & Telegraph Company, a Corporation of New York. Filed Aug. 25, 1923. Serial No. 659,290. 6 Claims. (Cl. 250—15.)



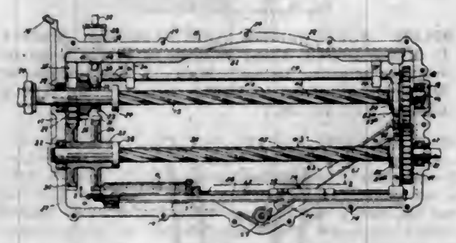
1. A radio repeating system comprising terminal receiving and transmitting stations and a plurality of intermediate stations shifting in position with respect to the terminal stations along routes of travel between said terminal stations, means at each intermediate station for receiving and amplifying signals transmitted from the nearest adjacent station on one side and means responsive to the received signals for transmitting the amplified signals to the nearest station on the other side.

1,624,967. AUTOMOBILE CHAIN TIGHTENER AND FASTENER. GUY NICHOLS, Mount Harris, Colo. Filed May 21, 1926. Serial No. 110,712. 1 Claim. (Cl. 24—69.)



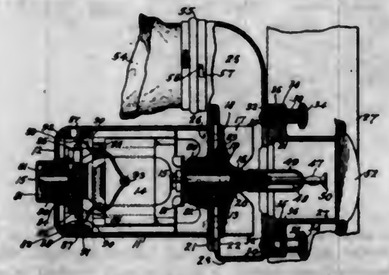
A device of the class described including, in combination, a body comprising a pair of bars, a bolt engaged at one adjacent end of the bars and holding said bars in spaced parallelism, a lever comprising a pair of rods having portions thereof in spaced parallelism and pivotally engaged with the other ends of the bars and adapted to swing between the bars, said straight portions merging at their free ends in converging extensions terminating in arms disposed in abutment with each other and slightly offset at their extremities, one of said arms terminating in a hook extension, a loop engaged on the bolt and engageable by the hook extension, a rivet holding the parallel portions of the rods in spaced relation adjacent the converging extensions, and a shank pivoted on said rivet and terminating in a hook.

1,624,968. TRANSMISSION MECHANISM. EVERETT B. OLIVER, Chicago, Ill. Filed June 10, 1922. Serial No. 567,360. 12 Claims. (Cl. 74—7.)



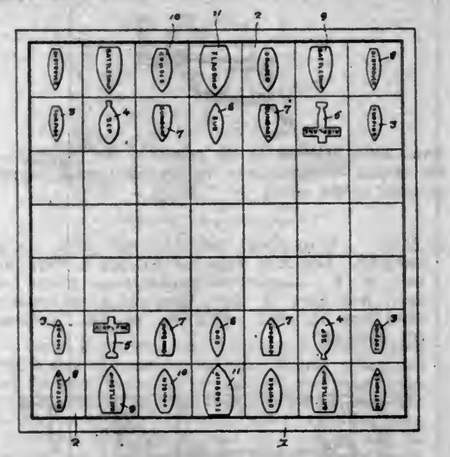
1. A power transmission mechanism comprising, in combination, threaded driving and driven shafts, a pair of intermeshing gears each mounted on the threaded portion of one of said shafts, means for rotating the driving shaft whereby longitudinal movement of the gears is effected, and means for retarding the longitudinal movement whereby rotation of the driven shaft is effected, said means comprising a fluid-containing cylinder, a piston therein, and a pivoted link connected to said piston and bearing against said gears.

1,624,969. VACUUM CLEANER. FREDERICK J. OSIUS, Miami Beach, Fla., assignor to Hamilton-Beach Mfg. Co., Racine, Wis., a Corporation of Wisconsin. Filed Sept. 29, 1922. Serial No. 591,310. 1 Claim. (Cl. 15—8.)



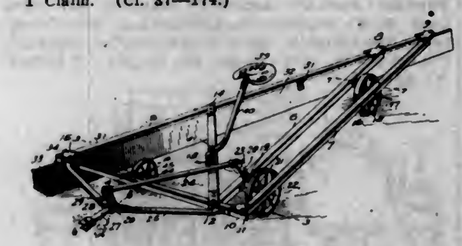
In a cleaner, and in combination, a motor casing, a horizontally arranged motor therein having a threaded shaft extending beyond the casing, a fan having a hub threaded on the interior for mounting the fan on said shaft extension, a fan casing detachably mounted on the motor casing and having an opening in its rear face greater in diameter than the fan, whereby the fan casing may be removed independently of the fan, a nozzle extending downwardly from the front of the fan casing, a rotary brush in the nozzle, a brush-drive shaft threaded into the hub of the fan, and a detachable belt for driving the brush from said drive shaft.

1,624,970. GAME. HARRY K. OWYE, Lovelocks, Nev. Filed July 31, 1925. Serial No. 47,388. 1 Claim. (Cl. 273—131.)



A game apparatus of naval warfare, including a playing surface divided into transverse rows of blocks, playing pieces arranged along certain rows of said blocks and shaped to represent naval aircraft, a battleship, a flagship, torpedoes, aeroplanes and Zeppelins, each of which has a different game valuation, indicia arranged on the bottom of each game piece indicative of the cost of production thereof, and each of said game pieces except the battleship and flagship pieces being adapted to be moved over the playing surface in a predetermined direction and different from the direction of each other, and said battleship and flagship pieces being adapted to be moved in any desired direction.

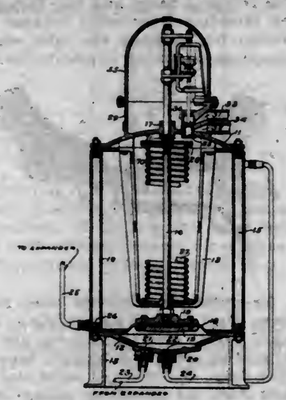
1,624,971. ROAD PLANER. HENRY C. PICKEL, Pemberton, Minn. Filed Sept. 20, 1926. Serial No. 136,579. 1 Claim. (Cl. 37—174.)



A road machine including a triangular frame, said frame embodying a front bar, a pair of spaced side bars and an obliquely disposed bar, wheels mounted between the bars of the pair of bars, a blade supported by one of the bars, a cutting blade carried at the forward end of the first mentioned blade, and one of said wheels being pivotally supported to move in a horizontal plane to guide the machine.

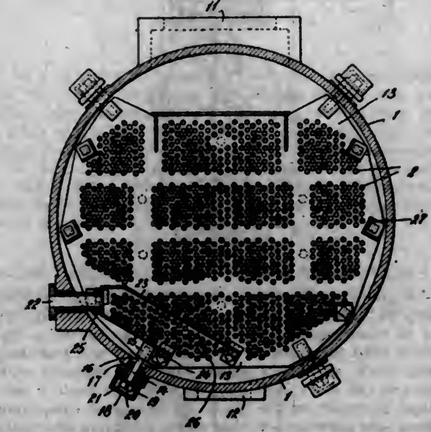
1,624,972. REFRIGERATING APPARATUS. THOMAS IRVING POTTER, Orange, N. J., assignor, by mesne assignments, to Hydro Refrigerator Company, Inc., New York, N. Y., a Corporation of Delaware. Filed Mar. 10, 1923. Serial No. 624,801. 6 Claims. (Cl. 62—115.)

5. A motor compressor condenser unit including a container formed with a motor cylinder, a pumping chamber and an annular condenser surrounding the motor cylinder, a diaphragm piston in the container separating the motor cylinder from the pumping chamber, and means



for alternately admitting an exhausting motive fluid into and from the motor cylinder to pump vapor into the condenser and to carry off heat from the vapor after it enters the condenser chamber.

1,624,973. CONDENSER-TYPE HEATER. JOSEPH PRICE, Stapleton, N. Y., assignor to The Griscom-Russell Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 13, 1925. Serial No. 15,185. 10 Claims. (Cl. 257—236.)

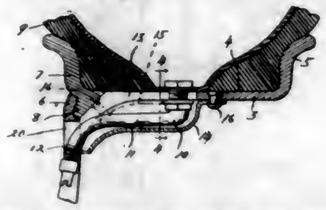


1. In a heat exchanger of the class described, a shell, heat transferring tubes within said shell, end supports for said tubes, an additional support for said tubes positioned intermediate said end supports, and detachable connections between two of said respective supports and said shell, the detachable connections of said additional support having freedom of motion in three directions, whereby the heating element may be removed as a unit from the shell.

1,624,974. WHEEL RIM AND ATTACHMENT THEREFOR. ALDEN L. PUTNAM, Detroit, Mich., assignor to Whitehead & Kales Company, Detroit, Mich., a Corporation of Michigan. Filed June 14, 1926. Serial No. 115,993. 2 Claims. (Cl. 301—5.)

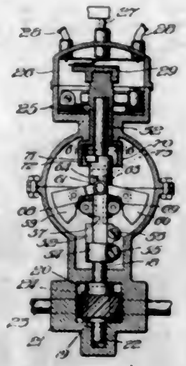
1. In a vehicle wheel, the combination with the wheel body, of a continuous rim upon said wheel body for re-

ceiving a pneumatic tire, said rim having a permanent annular tire retaining flange at one edge and a permanent annular flange at the other edge for engagement with a detachable tire retaining flange and also having an elongated opening extending transversely between said first mentioned flanges for receiving the valve stem of the tire and a channel-shaped shield secured to the inner side



of said rim for protecting the valve stem, said shield having an inner closed end and also having an outer end provided with a lateral opening, said rim also provided with a lateral opening spaced substantially below the permanent annular flange aforesaid and registering with the opening in said shield for permitting passage of the end portion of the valve stem from the space inclosed by said shield and rim.

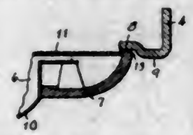
1,624,975. TIMER FOR IGNITION SYSTEMS AND THE LIKE. RAYMOND H. REECE, Joliet, Ill. Filed Aug. 8, 1923. Serial No. 656,337. 2 Claims. (Cl. 123—118.)



1. A distributor for internal combustion engines comprising in combination a shaft, means for driving the same in timed relation with respect to the engine, a distributor head in alinement with said shaft and including timing block, said block being rotatively mounted with respect to the shaft, a sleeve splined to the shaft, a centrifugal governor on the shaft, an operative connection between said governor and said sleeve operative effectively to shift the sleeve on the shaft with change of speed of the shaft, and co-operating clutch elements on the sleeve and timing block operative effectively to establish a driving connection between the sleeve and the timing block when the shaft speed is lower than a pre-determined amount, said clutch elements disengaging from each other when the shaft speed exceeds said pre-determined amount, to destroy the correct operative connection aforesaid substantially as described.

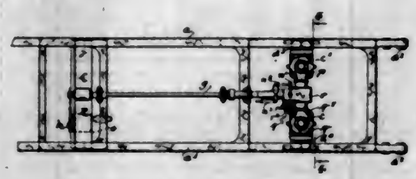
1,624,976. STOVE-DOOR CONSTRUCTION. ALFRED J. REEDY, Battle Creek, Mich., assignor to A. B. Stove Company, Battle Creek, Mich. Filed Apr. 28, 1926. Serial No. 104,071. 5 Claims. (Cl. 126—190.)

1. A structure of the class described comprising a door casing, and a door mounted to close against said casing and comprising a frame having an enameled outer surface, the frame being curved in cross section providing an inwardly facing outer edge closing against said casing, the



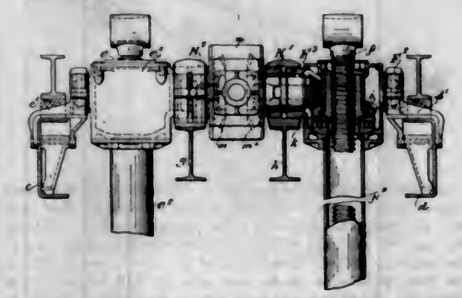
frame being rabbeted on the outside at the edge thereof, the enamel extending over the inwardly facing shoulder provided by the rabbet.

1,624,977. HOISTING MECHANISM FOR DUMP TRUCKS. JOSIAH E. REID and CHARLES L. NEIN, New York, N. Y., assignors to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 12, 1923. Serial No. 662,296. 4 Claims. (Cl. 298—21.)



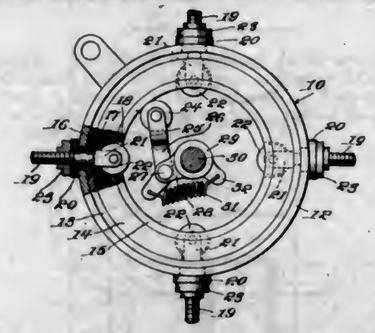
1. In a hoisting mechanism, for dump bodies, brackets providing bearings fastened to the frame of the vehicle, a supporting frame with upwardly projecting end members provided with outwardly projecting stub shafts journaled in the bearings, a jack shaft journaled on the supporting frame in the axis of the stub shafts, a power shaft geared operatively with the jack shafts and disposed in a plane including the axis of the stub shafts, means associated with the jack shaft for hoisting the body, and housings for the device.

1,624,978. HOISTING MECHANISM FOR DUMP TRUCKS. JOSIAH E. REID and CHARLES L. NEIN, New York, N. Y., assignors to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 12, 1923. Serial No. 662,297. 2 Claims. (Cl. 298—21.)



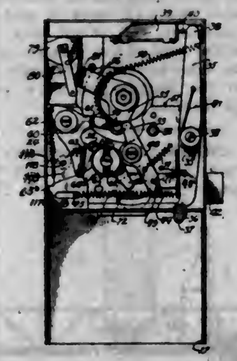
1. In a motor vehicle, in combination with the chassis and propeller shaft extending longitudinally thereof, hoisting mechanism for a dump body mounted on the chassis comprising independent screw jacks disposed at opposite sides of the propeller shaft, revoluble nuts by which the jacks are raised and lowered, means to support the nuts on the chassis frame with capacity for angular movement of each, independent of the other, to conform to the angularity of the respective screws, and means mounted over the propeller shaft and carried by and between the nut supporting means for applying power to the nuts.

1,624,979. TIMER. ARNOLD E. RICHARDS, Midlothian, Md. Filed Dec. 17, 1924. Serial No. 756,580. 1 Claim. (Cl. 200—26.)



In a timer of the character described, a metallic shell member, a ring of insulating material located within and against the inner periphery of said shell, concentric rings of insulating material located within one another and within the confines of said first named insulating ring, said concentric rings being formed with recesses and the first-named ring being formed with holes at said recesses, contact members including threaded shanks and forks, the forks being located within said recesses and carrying rollers projecting inwardly beyond the inner periphery of the innermost concentric ring member, bushings of insulating material surrounding said shank and fitting within openings in the shell, binding nuts upon said shank engaging upon the outer sides of said bushings, a shaft journaled at the center of the shell, an angle lever pivotally mounted with respect to the shaft and carrying a roller adapted to coact with said first named roller, an arm carried by the shaft, and a spring connected with the angle lever and said arm for normally urging the last named roller into cooperative relation to the first named rollers.

1,624,980. CHECK-CONTROLLED LOCK. MYRON H. RICHARDSON, Chicago, and ALBERT E. GEBERT, Wilmette, Ill., assignors to Advance Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 26, 1924. Serial No. 701,955. 19 Claims. (Cl. 194—74.)



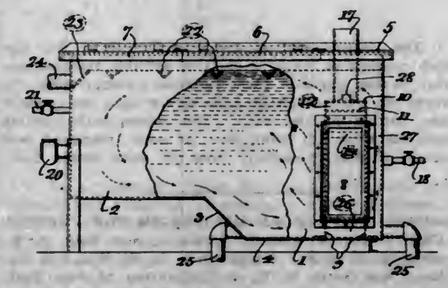
1. A lock of the character described embodying a spring projected locking bolt, a handle, means for inserting a check, a support for receiving the check, a lever independent of the handle and responsive in its movement to the operation of the said handle, means whereby the lever will act through the check to withdraw the bolt, the said bolt being independent of the handle, and means for releasing the check upon the operation of the bolt independently of the said handle.

1,624,981. TURNING SIGNAL FOR ROAD VEHICLES. AUSTIN ROBERTS, Pretoria, Transvaal, South Africa. Filed Oct. 27, 1925, Serial No. 65,068, and in the Union of South Africa Nov. 3, 1924. 3 Claims. (Cl. 116—41.)



1. A signal for road vehicles, comprising pivotally mounted arms angularly swingable into inclined planes different one from the other, said arms being spaced apart, and a light disposed between the arms and adapted to illuminate opposing surfaces thereof.

1,624,982. APPARATUS FOR CLEANING METAL PARTS. LOUIS ROSENBERG, Milwaukee, Wis. Filed May 14, 1926. Serial No. 109,201. 5 Claims. (Cl. 266—7.)



1. In a chemical solution tank for use in cleaning metal parts, the combination of a tank having hinged lids, an elevated floor at one end of the tank, a lowered floor at the other end of the tank, a sloping floor connecting the elevated and lowered floors of the tank, a heater mounted in the tank on and in spaced relation to the lowered floor and to the adjacent end of the tank and valve-controlled drain conduits opening out of the lowermost portion of the tank.

1,624,983. METHOD OF MAKING HOT-WATER TANKS. GERHARDT F. SCHWARTZ, St. Louis, Mo. Filed Nov. 11, 1922. Serial No. 600,481. 1 Claim. (Cl. 29—157.4.)



That method of constructing hot water tanks which consists in making a sheet metal body part with open ends, casting copper alloy rigid heads and fitting the same in the open ends of said sheet metal body part to

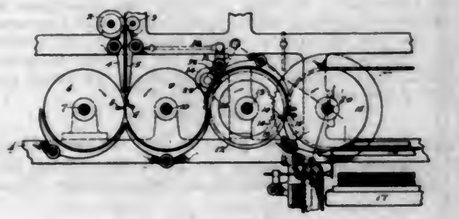
brace and strengthen the same, sweating the ends of the body part onto said rigid heads to seal the heads therein, riveting the heads to the body part to reinforce the connection between the heads and the body part, and making threaded openings through said rigid cast heads to directly receive pipes leading to and from the tank without the use of spuds and fittings.

1,624,984. CUE TIP AND MANUFACTURE THEREOF. FRED B. SEEBERGER, Philadelphia, Pa. Filed Feb. 11, 1926. Serial No. 87,679. 10 Claims. (Cl. 273—70.)



1. The improvement in the manufacture of cue tips which consists in taking a block of suitable resilient material having opposite plane surfaces; compressing the embryo cue tip through its axial center upon the opposite plane bottom of the stock; and subsequently cutting therefrom a cue tip blank that, by such treatment, will decrease in density radially from the axial center thereof.

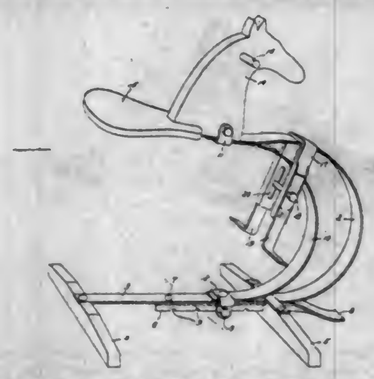
1,624,985. SLOW-DOWN MECHANISM FOR PRINTED PRODUCTS. EDWARD P. SHELDON, New York, N. Y., assignor, by mesne assignments, to R. Hoe and Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 18, 1922. Serial No. 595,232. 30 Claims. (Cl. 270—60.)



1. The combination of means for forwarding a product at high speed, a delivery operating at a lower speed, an intermediate transfer mechanism operating at the high speed of the forwarding means by which the product is transferred to the delivery, and means for effecting a relative movement between the product and the transfer mechanism whereby the product may be moved at the low speed of the delivery while being transferred thereto.

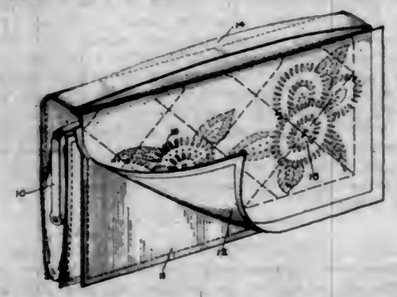
1,624,986. TOY. WILLIAM H. SHERROD, Los Angeles, Calif. Filed Nov. 3, 1925. Serial No. 66,550. 4 Claims. (Cl. 272—55.)

1. A device of the character described comprising; a pair of arcuate springs supported in a vertical plane and having their upper extremities mutually engaged but otherwise free and extending in a substantially horizontal direction; a saddle mounted upon said upper extremities; and a pair of spaced transverse base bars engaging the lower end portion of one of said springs to form a base, with the said end portion constituting a reach bar between



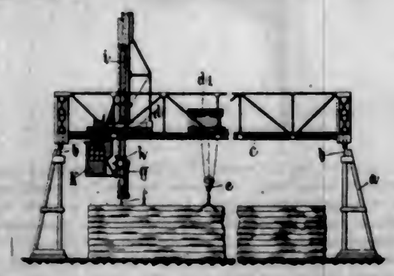
the base bars; the lower ends of said springs being relatively positionable for variably spacing their arcuate portions.

1,624,987. POCKETBOOK. ALBERT H. SHILLMAN, Baltimore, Md. Filed Jan. 29, 1926. Serial No. 84,536. 2 Claims. (Cl. 150—28.)



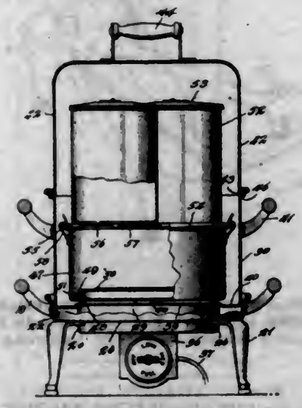
1. An article of the class described comprising a pocketbook substantially complete in itself, in combination with an auxiliary cover permanently attached to the top of said pocketbook, the main body of said cover being free of said pocketbook and of an area substantially equal to that of the side of the pocketbook, and means for attaching the sides and bottom of said cover to the pocketbook upon the working out of a predetermined decorative design thereon.

1,624,988. CRANE. KARL SIECKMANN, Vinenburg, Germany. Filed Nov. 17, 1926, Serial No. 148,944, and in Germany Nov. 16, 1925. 6 Claims. (Cl 143—47.)



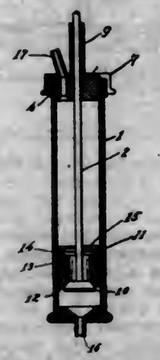
5. A travelling crane for handling stacked timber, comprising a horizontally movable hoisting gear for lifting the timber, and a vertically adjustable cutting-off saw for cutting the timber to length, said saw comprising a circular saw, an electro-motor and a belt drive.

1,624,989. COOKER. CHARLES F. SMITH and CHARLES EDWARDS, New Britain, Conn., assignors to Landers, Frary & Clark, New Britain, Conn., a Corporation of Connecticut. Filed July 25, 1924. Serial No. 728,207. 33 Claims. (Cl. 126—275.)



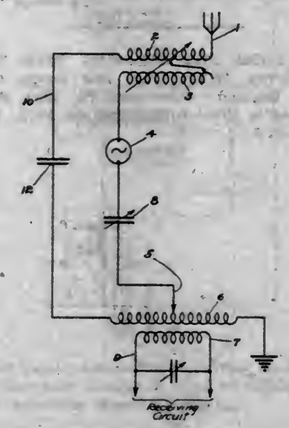
1. A cooker comprising a supporting base, an exposed hot-plate carried by the base, a shouldered wall on the base outside the periphery of the hot-plate, an oven kettle adapted to be removably supported upon the hot-plate and having a shouldered top rim, the two shoulders being of substantially the same diameter, and an oven-hood having a bottom rim of a size to seat on said shoulders, whereby the oven-hood may seat on the oven-kettle when the latter is in place or on the base when the oven-kettle is removed.

1,624,990. SURGICAL SYRINGE. LEMUEL D. SMITH, Milwaukee, Wis. Filed May 25, 1925. Serial No. 32,599. 2 Claims. (Cl. 128—214.)



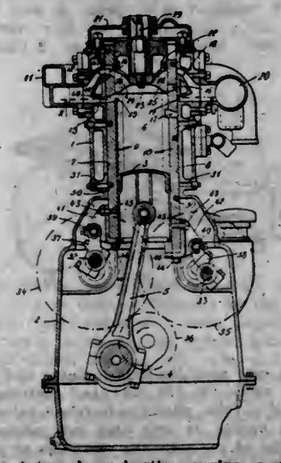
1. In a surgical syringe, a hollow cylinder and a plunger rod with means for retaining the plunger rod slidably within the cylinder, and a hollow member adapted to slide within the cylinder and to form a compression tight joint between its outer walls and the inner walls of the cylinder, and the rod adapted to retain the member and a valve element adapted to form a compression tight joint with the member with movement of the rod in one direction, and to be retained with a loose joint with movement in the opposite direction with a valveless opening in one end of the cylinder adapted to act as an inlet suction and a valveless opening in the other end adapted to act as a discharge from the cylinder.

1,624,991. WIRELESS TELEGRAPH AND TELEPHONE SYSTEM. CHARLES SPEAKER, Cherrydale, Va. Filed Jan. 29, 1921. Serial No. 440,993. 6 Claims. (Cl. 250—9.)



1. In a wireless system for the simultaneous transmission and reception of signals, a radiating system including an antenna-ground system, a transmitter for exciting said system, a non-radiating system within the antenna-ground system, a variable mutual inductance associated with the two systems for controlling the relative distribution of transmitter currents therein, a receiver, and an auxiliary coil coupling said receiver to both of said systems so that the transmitter currents therein are neutralized in said receiver.

1,624,992. INTERNAL-COMBUSTION ENGINE. EDWARD O. SPILLMAN, North Tonawanda, N. Y., assignor to Fischer Motor Company, New York, N. Y., a New York Trust Estate. Filed Aug. 19, 1924. Serial No. 732,914. 12 Claims. (Cl. 123—188.)



1. In an internal combustion engine, a cylinder having a longitudinal recess in the inner wall thereof, the side walls of the recess diverging inwardly to the cylin-

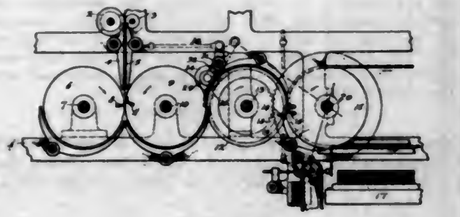
brace and strengthen the same, sweating the ends of the body part onto said rigid heads to seal the heads therein, riveting the heads to the body part to reinforce the connection between the heads and the body part, and making threaded openings through said rigid cast heads to directly receive pipes leading to and from the tank without the use of spuds and fittings.

1,624,984. CUE TIP AND MANUFACTURE THEREOF. FRED B. SEEBERGER, Philadelphia, Pa. Filed Feb. 11, 1926. Serial No. 87,679. 10 Claims. (Cl. 273—70.)



1. The improvement in the manufacture of cue tips which consists in taking a block of suitable resilient material having opposite plane surfaces; compressing the embryo cue tip through its axial center upon the opposite plane bottom of the stock; and subsequently cutting therefrom a cue tip blank that, by such treatment, will decrease in density radially from the axial center thereof.

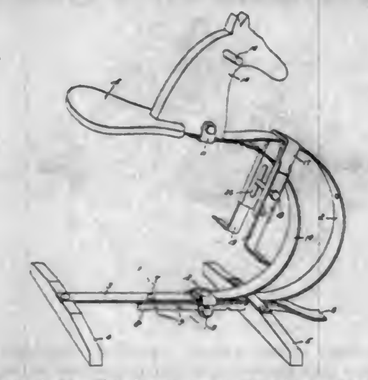
1,624,985. SLOW-DOWN MECHANISM FOR PRINTED PRODUCTS. EDWARD P. SHELDON, New York, N. Y., assignor, by mesne assignments, to R. Hoe and Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 18, 1922. Serial No. 595,232. 30 Claims. (Cl. 270—60.)



1. The combination of means for forwarding a product at high speed, a delivery operating at a lower speed, an intermediate transfer mechanism operating at the high speed of the forwarding means by which the product is transferred to the delivery, and means for effecting a relative movement between the product and the transfer mechanism whereby the product may be moved at the low speed of the delivery while being transferred thereto.

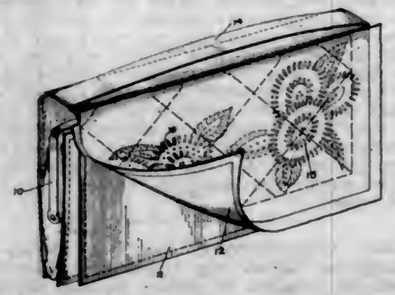
1,624,986. TOY. WILLIAM H. SHERROD, Los Angeles, Calif. Filed Nov. 3, 1925. Serial No. 66,550. 4 Claims. (Cl. 272—55.)

1. A device of the character described comprising; a pair of arcuate springs supported in a vertical plane and having their upper extremities mutually engaged but otherwise free and extending in a substantially horizontal direction; a saddle mounted upon said upper extremities; and a pair of spaced transverse base bars engaging the lower end portion of one of said springs to form a base, with the said end portion constituting a reach bar between



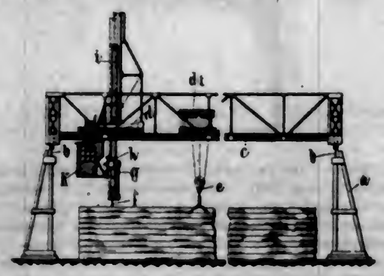
the base bars; the lower ends of said springs being relatively positionable for variably spacing their arcuate portions.

1,624,987. POCKETBOOK. ALBERT H. SHILLMAN, Baltimore, Md. Filed Jan. 29, 1926. Serial No. 84,536. 2 Claims. (Cl. 150—28.)



1. An article of the class described comprising a pocketbook substantially complete in itself, in combination with an auxiliary cover permanently attached to the top of said pocketbook, the main body of said cover being free of said pocketbook and of an area substantially equal to that of the side of the pocketbook, and means for attaching the sides and bottom of said cover to the pocketbook upon the working out of a predetermined decorative design thereon.

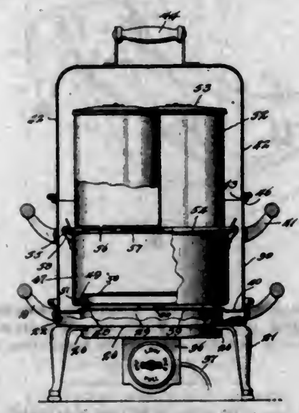
1,624,988. CRANE. KARL SIECKMANN, Vinenburg, Germany. Filed Nov. 17, 1926, Serial No. 148,944, and in Germany Nov. 16, 1925. 6 Claims. (Cl 143—47.)



5. A travelling crane for handling stacked timber, comprising a horizontally movable hoisting gear for lifting

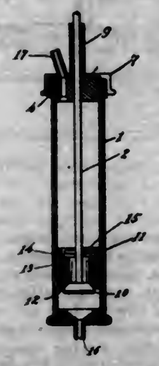
the timber, and a vertically adjustable cutting-off saw for cutting the timber to length, said saw comprising a circular saw, an electro-motor and a belt drive.

1,624,989. COOKER. CHARLES F. SMITH and CHARLES EDWARDS, New Britain, Conn., assignors to Landers, Frary & Clark, New Britain, Conn., a Corporation of Connecticut. Filed July 25, 1924. Serial No. 728,207. 33 Claims. (Cl. 126—275.)



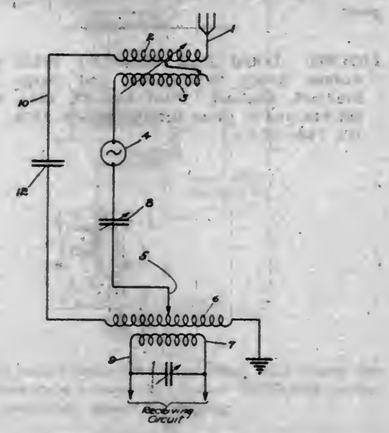
1. A cooker comprising a supporting base, an exposed hot-plate carried by the base, a shouldered wall on the base outside the periphery of the hot-plate, an oven kettle adapted to be removably supported upon the hot-plate and having a shouldered top rim, the two shoulders being of substantially the same diameter, and an oven-hood having a bottom rim of a size to seat on said shoulders, whereby the oven-hood may seat on the oven-kettle when the latter is in place or on the base when the oven-kettle is removed.

1,624,990. SURGICAL SYRINGE. LEMUEL D. SMITH, Milwaukee, Wis. Filed May 25, 1925. Serial No. 32,599. 2 Claims. (Cl. 128—214.)



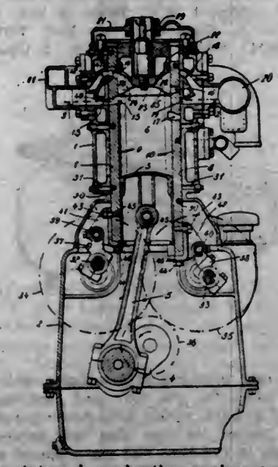
1. In a surgical syringe, a hollow cylinder and a plunger rod with means for retaining the plunger rod slidably within the cylinder, and a hollow member adapted to slide within the cylinder and to form a compression tight joint between its outer walls and the inner walls of the cylinder, and the rod adapted to retain the member and a valve element adapted to form a compression tight joint with the member with movement of the rod in one direction, and to be retained with a loose joint with movement in the opposite direction with a valveless opening in one end of the cylinder adapted to act as an inlet suction and a valveless opening in the other end adapted to act as a discharge from the cylinder.

1,624,991. WIRELESS TELEGRAPH AND TELEPHONE SYSTEM. CHARLES SPEAKER, Cherrydale, Va. Filed Jan. 29, 1921. Serial No. 440,993. 6 Claims. (Cl. 250—9.)



1. In a wireless system for the simultaneous transmission and reception of signals, a radiating system including an antenna-ground system, a transmitter for exciting said system, a non-radiating system within the antenna-ground system, a variable mutual inductance associated with the two systems for controlling the relative distribution of transmitter currents therein, a receiver, and an auxiliary coil coupling said receiver to both of said systems so that the transmitter currents therein are neutralized in said receiver.

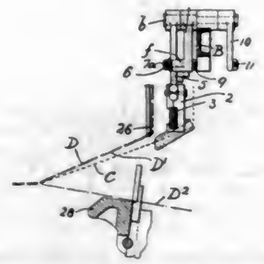
1,624,992. INTERNAL-COMBUSTION ENGINE. EDWARD O. SPILLMAN, North Tonawanda, N. Y., assignor to Fischer Motor Company, New York, N. Y., a New York Trust Estate. Filed Aug. 19, 1924. Serial No. 732,914. 12 Claims. (Cl. 123—188.)



1. In an internal combustion engine, a cylinder having a longitudinal recess in the inner wall thereof, the side walls of the recess diverging inwardly to the cylin-

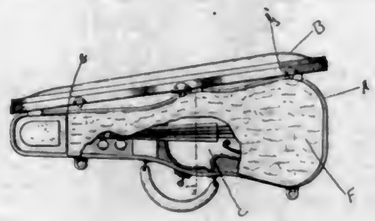
der, a substantially crescent shaped valve member adapted to slide longitudinally in said recess, and mechanism operatively connected to the valve member to reciprocate the same, said cylinder having two longitudinally spaced inlet ports for gaseous fuel near one end of the recess therein, and said substantially crescent shaped valve member having corresponding longitudinally spaced ports for controlling the cylinder ports arranged to direct their respective streams of gaseous fuel toward one another so as to produce a turbulent movement of the incoming gases.

1,624,993. LOOM FOR WEAVING PILE FABRICS. ALFRED SPINK, Whitehaven, and DAVID CRABTREE, Bradford, England. Filed Jan. 23, 1924, Serial No. 687,949, and in Great Britain Jan. 26, 1923. 5 Claims. (Cl. 139—17.5.)



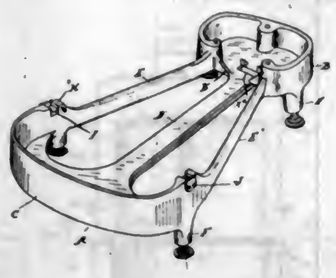
1. In a loom for weaving chenille or fur pile fabrics, the combination of a fur weft carrier, a supporting bar on which said carrier is adapted to travel, a lever adapted to engage the carrier and move it on said bar, a spring connected with the lever, means for placing the spring under tension, means for retaining the carrier actuating lever in inoperative position with the spring under tension, and means for releasing the lever and permitting it to actuate the fur weft carrier.

1,624,994. VIOLIN CASE. THEODORE H. STARK, New York, N. Y., assignor to C. Bruno & Son, Inc., New York, N. Y., a Corporation of New York. Filed June 18, 1924. Serial No. 720,718. 2 Claims. (Cl. 206—14.)



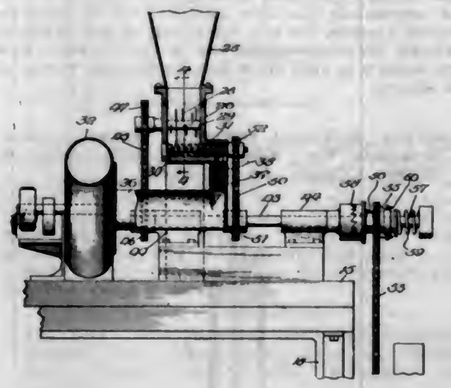
1. A violin case provided with a lining and having a supplemental cover for the tray and instrument, said cover being of a thick pliable soft fabric extended over the tray and having its rear edge only secured to the upper rear edge of the tray, the rear edge of said cover extending between the rear of said lining and the rear of the tray, the remaining edges of said cover being free whereby the cover may be folded back at said rear edge from over the tray for the placing of the instrument unimpeded within said tray, said cover forming a shock absorber to prevent injury to the instrument during transportation.

1,624,995. SCALE. WALTER F. STIMPSON, Louisville, Ky. Filed Dec. 11, 1922. Serial No. 606,189. 15 Claims. (Cl. 265—60.)



1. A scale base comprising a column base portion, a fulcrum portion of greater width arranged in alignment therewith, and a skeleton open frame connecting said portions.

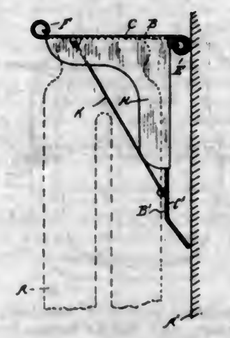
1,624,996. POWDER-DUSTING MACHINE. LOUIS CARROLL STUKENBORG, Memphis, Tenn., and JAMES HAROLD COOPER, Lonoke, Ark. Filed Aug. 13, 1923. Serial No. 657,167. 7 Claims. (Cl. 43—148.)



1. A powder dusting machine comprising a frame and supporting and traction wheels therefor, a receptacle for powder on the frame, a fan having an intake provided with an inlet conduit and an outlet terminating in a distributing nozzle, a powder feed and measuring device to receive powder from said hopper and to deliver it by gravity into said conduit, driving connections between a traction wheel and the feed means, and a motor carried by said frame for separately driving said fan.

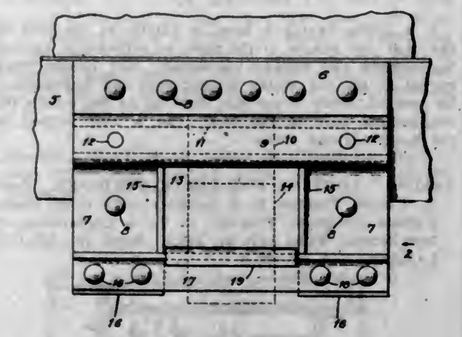
1,624,997. RADIATOR WALL SHIELD. HENRY G SWEITZER, Detroit, Mich. Filed May 12, 1924. Serial No. 712,779. 5 Claims. (Cl. 237—79.)

2. A radiator wall shield formed of sheet-metal and comprising a top member having an integral downwardly bent end portion, forming an end wall of said shield, and further comprising a rear member depending from and



carried by said top member, the rear edge portion of said end wall having interlocking engagement with said rear member.

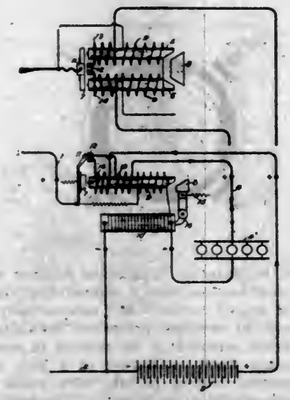
1,624,998. COUPLER STRIKING PLATE. JOHN J. TATUM, Baltimore, Md. Filed Oct. 3, 1923. Serial No. 666,287. 3 Claims. (Cl. 213—60.)



1. A coupler striking plate, adapted for attachment to the end sill of a car, comprising a channel-shaped projection for receiving the impact of the coupler, a pair of spaced depending portions having flanged ends defining an opening for the passage of said coupler, said ends extending along the width of said portions, and an angle iron resting on said flanged ends and secured to said portions for supporting said coupler.

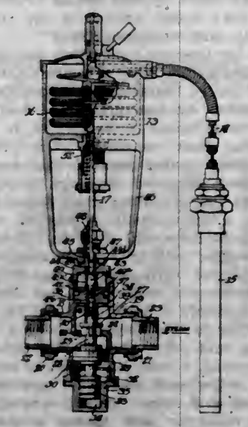
1,624,999. SYSTEM HAVING COMBINED AUTOMATIC SWITCH AND LAMP REGULATOR. WILLIAM A. TURBAYNE, Niagara Falls, N. Y., assignor, by mesne assignments, to The Safety Car Heating and Lighting Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 9, 1920, Serial No. 372,561. Renewed Aug. 12, 1926. 10 Claims. (Cl. 171—313.)

10. In a system, in combination, a source of electrical energy, a storage battery, a translation circuit, a compressible pile for regulating said translation circuit, voltage means and current means for controlling said pile, switch means for connecting said source to said battery and to said translation circuit, said voltage means and current means being adapted to control said switch



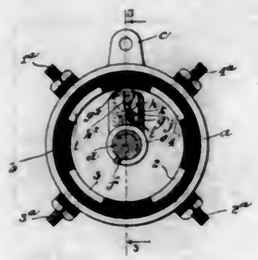
means, said switch means being provided with means for ensuring that said pile shall have no regulating action until said switching means is closed.

1,625,000. CONTROLLING APPARATUS. EDGAR A. ULMANN, Los Angeles, Calif., assignor, by mesne assignments, to Tower Manufacturing Co. Inc., New York, N. Y., a Corporation of New York. Filed Aug. 20, 1923. Serial No. 658,233. 1 Claim. (Cl. 236—80.)



In a heat control system the combination with a steam supply, of a valve casing interposed in the supply line having a valve seat and a main valve cooperating therewith, a separate piston member coaxial with said valve and resilient means pressing said valve and piston into engagement, a cylinder for said piston, a pilot valve and seat coaxial with said valve and piston, means connecting one side of said pilot valve to the steam supply, means connecting the other side of said pilot valve to the cylinder on the side of said piston opposite said main valve, and coaxial thermostatically operated means for actuating said pilot valve to control the pressure on said piston and operate said main valve by the steam from said supply line.

1,625,001. TIMER FOR INTERNAL-COMBUSTION ENGINES. BERNHARD VOLKMAR, New York, N. Y. Filed May 17, 1922. Serial No. 561,601. 7 Claims. (Cl. 200—26.)

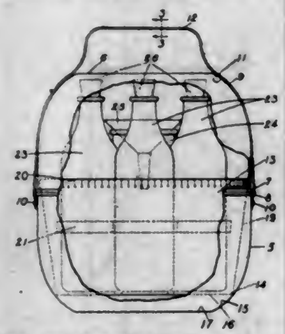


1. A timer for internal combustion engines embodying therein the combination with a commutator ring having a sequence of spaced contacts and substantially flush interposed insulated sections presented inwardly of said ring, of a brush adapted to be rotated in synchronism with the engine shaft, consisting of a hub, a radially extending housing having parallel side walls with oppositely disposed elongated openings therein extending radially of said hub, a bearing shaft slidably mounted in said openings, a substantially cylindrical contact roller rotatably mounted upon said shaft and slidably mounted within said housing with its sides in substantial engagement with said side walls, whereby continued wear will be distributed between said roller and said shaft, and between the perimeter of said roller and the wall of said housing, a spring in said housing having a normal tendency to thrust said roller through and beyond the open end of said housing, and a wear plate slidably mounted within said housing below said shaft and positioned between said spring and said roller, whereby scoring of the surface of said roller by said spring is prevented, said spring being held under tension by the engagement of said roller with said commutator ring.

2. A timer for internal combustion engines embodying therein the combination with a commutator ring having a sequence of spaced contacts and substantially flush interposed insulated sections presented inwardly of said ring, of a brush adapted to be rotated in synchronism with the engine shaft, consisting of a hub, a radially extending housing having parallel side walls with oppositely disposed elongated openings therein extending radially of said hub, a bearing shaft slidably mounted in said openings, a substantially cylindrical contact roller rotatably mounted upon said shaft and slidably mounted within said housing with its sides in substantial engagement with said side walls, whereby continued wear will be distributed between said roller and said shaft, and between the perimeter of said roller and the wall of said housing, a spring in said housing having a normal tendency to thrust said roller through and beyond the open end of said housing, a wear plate slidably mounted within said housing below said shaft and positioned between said spring and said roller, whereby scoring of the surface of said roller by said spring is prevented, said spring being held under tension by the engagement of said roller with said commutator ring, and a wear plate in the form of a U-shaped spring adapted to receive between its arms said spring, said wear plate and said roller with its shaft.

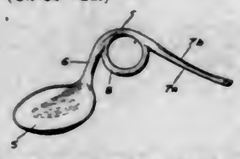
1,625,002. NURSING-BOTTLE CONTAINER. MATTHIAS A. WAGNER, Toledo, Ohio. Filed May 29, 1925. Serial No. 33,780. 2 Claims. (Cl. 220—9.)

1. In a device of the class described the combination with a lower container having an enlarged beaded mouth, an upper container having a similar enlarged beaded mouth adapted to be placed in abutment with the mouth of the lower container, a pan having tapered sides and a curved corrugated mouth adapted to be nested in the lower container with the corrugated mouth projecting above the beaded mouth of the lower container, the projecting portion of the pan serving as a frictional ledge



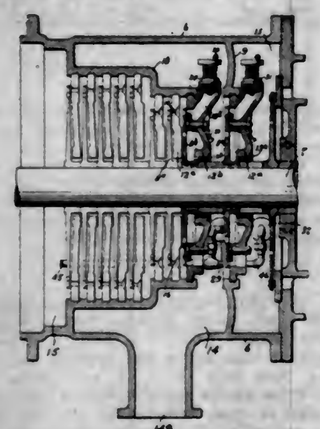
for the upper container when said containers are mounted one upon the other, and handle means for binding the containers and pan one upon the other in the position mentioned.

1,625,003. BABY SPOON. MARGARET W. WALKER, Wyncote, Pa. Filed Feb. 2, 1926. Serial No. 85,607. 3 Claims. (Cl. 30—22.)



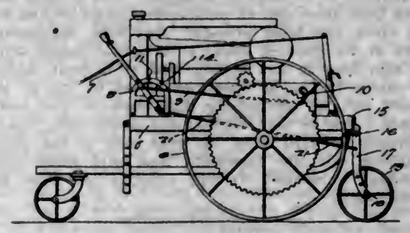
1. A spoon having a bowl, a handle at the rear of the bowl, the handle at the point of attachment extending upward and sloping rearwardly, said handle being curved at the top of the sloping part and intermediate its over all length to one side, forming an angle with the longitudinal axis of the bowl, and a ring formed in the handle at the curve.

1,625,004. CONTROL FOR STEAM TURBINES. CARL R. WALLER, Trenton, N. J., assignor to De Laval Steam Turbine Company, Trenton, N. J., a Corporation of New Jersey. Filed July 31, 1922. Serial No. 578,573. 5 Claims. (Cl. 60—67.)



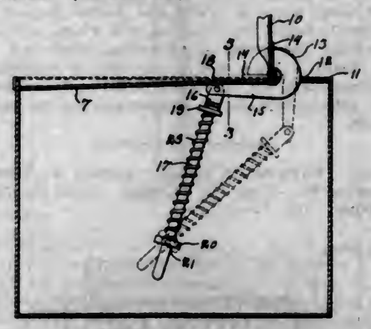
2. A steam turbine having a casing, diaphragms therein dividing the casing into high pressure, low pressure and intermediate pressure chambers, there being a steam bleed leading from the intermediate pressure chamber, a rotor having a blade in each pressure chamber, there being a plurality of nozzle chambers in one of the diaphragms, each having nozzles opening into the adjacent chamber of lower pressure, there being a port communicating with each nozzle chamber and the adjacent higher pressure chamber, a valve for controlling each port mounted on the diaphragm, a separate steam pressure actuated valve-actuating mechanism for each valve mounted on the diaphragm within a pressure chamber, a master valve, steam connections between the master valve and each of the valve actuating mechanisms, and means for actuating the master valve for controlling the opening and closing of the valves for the ports.

1,625,005. SAFETY ATTACHMENT FOR TRACTORS. ELMER E. WATERMAN, Remus, Mich. Filed June 28, 1926. Serial No. 119,094. 1 Claim. (Cl. 180—82.)



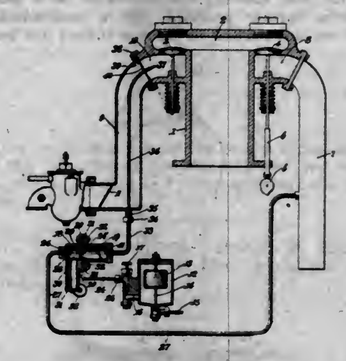
In combination, a tractor including a chassis and a gear shifting lever, a member pivoted on the forward end of the chassis, a wheel journaled on the free end of the member, and means connecting the member with the gear shift lever so that when said gear shift lever is in forward speed position, the wheel is swung out of engagement with the ground and when the lever is in reverse speed position, the wheel is in engagement with the ground for preventing tilting of the tractor.

1,625,006. BAIT BOX. JOHN M. WATTAWA, Manitowoc, Wis. Filed June 11, 1926. Serial No. 115,830. 2 Claims. (Cl. 220—35.)



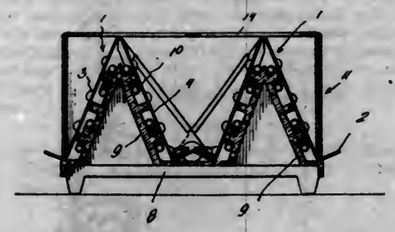
1. A bait box of the character described comprising a receptacle, a pair of spaced plates arranged transversely of the receptacle and providing a partition forming separate compartments, a hinged cover for the receptacle, a hook shaped arm having one end secured to said cover and its opposite end arranged in the partition, a plate mounted for pivotal movement between the side walls of the partition, a rod having a bifurcated upper end for pivotally receiving the inner end of said hook shaped arm, and means surrounding said rod, and adapted with the latter and the hook shaped arm respectively for retaining the cover in a closed or open position.

1,625,007. FUEL SYSTEM FOR INTERNAL-COMBUSTION ENGINES. CHRISTIAN F. WEBBER, Albany, N. Y. Filed Aug. 3, 1920. Serial No. 400,905. 7 Claims. (Cl. 123—119.)



1. In a fuel system for internal combustion engines, in combination with the engine, a supply of liquid fuel and a fuel nozzle, means for entraining from the exhaust conduit of the engine a stream of exhaust gases, means for gauging said stream to a reduction sufficient to atomize said liquid fuel, and for directing said gauged stream into atomizing relation with the fuel nozzle, an enclosure open to the resulting mixture of exhaust gases and atomized liquid fuel and adapted to maintain without admixture of air the ingredients of said mixture in intimate contact to vaporize said atomized liquid fuel, a throttle in said enclosure, means for delivering said vaporized fuel from said enclosure and for adding air thereto to form an explosive mixture, and means for delivering said explosive mixture to the engine cylinder.

1,625,008. TOASTER. MAX WERTHEIMER, Chicago, Ill. Filed July 29, 1926. Serial No. 125,725. 2 Claims. (Cl. 219—19.)

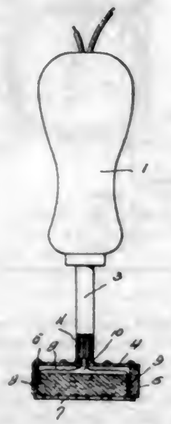


1. In a toaster of the class described, a heating unit comprising a base including a pair of spaced upstanding V-shaped elements having their external faces formed with recesses, electrical resistance coils located in said recesses, a shell including a pair of V-shaped members fitting over said elements, said shell having its downwardly inclined walls formed with a plurality of heat passages and intervening outstanding protuberances.

1,625,009. PORTABLE ELECTRIC LUMBER AND TIMBER GRADE-MARKING DEVICE. HARRY W. WHITED, Nacogdoches, Tex. Filed Aug. 5, 1925. Serial No. 48,824. 1 Claim. (Cl. 219—30.)

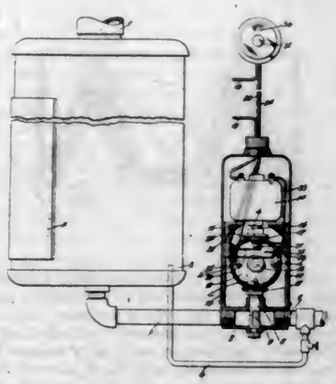
A branding tool of the class described comprising an elongated tubular shank, a handle enclosing the upper portion thereof, a flange formed on the lower end of the tubular shank, a head of insulated material secured

on the bottom of the flange, branding characters formed of resistance wires arranged on the bottom of the head, certain characters being connected together, the head being provided with vertical end passages through which the free ends of the resistance wire pass, said head being further provided with a longitudinally extending cut out portion in the top thereof for communi-



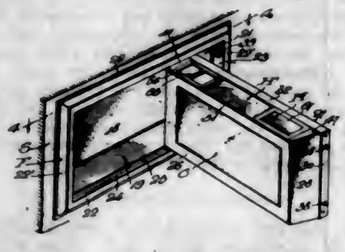
cation with the upper ends of the respective vertical passages in which the free ends of the resistance wires are disposed, lead wires extending through the tubular shank and the handle and connected at their lower ends to the free ends of the resistance wires, and a thumb switch associated with the lead wires and arranged transversely in said handle.

1,625,010. GAS-BURNER-CONTROL MECHANISM. RUDOLPH T. WINDT, St. Louis, Mo. Filed May 14, 1926. Serial No. 109,066. 5 Claims. (Cl. 137—139.)



2. A device of the character described comprising a valve rotative successively in one direction, a pinion attached to said valve, a pinion supported on an axis at right angles to the axis of said first pinion and meshing therewith, a motor, a pinion rotative on an axis at right angles to the axis of said second pinion and meshing with said second pinion, a circuit for supplying energy to the motor, a switch for closing said circuit, and devices operated by said second pinion for opening said circuit and causing the motor to stop and hold said valve in closed position.

1,625,011. ARTICLE CONTAINER. ARTHUR H. WOLFE, West Philadelphia, Pa., and DURWARD A. WOLFE, Grand Rapids, Mich. Filed Nov. 16, 1925. Serial No. 69,447. 15 Claims. (Cl. 206—1.)



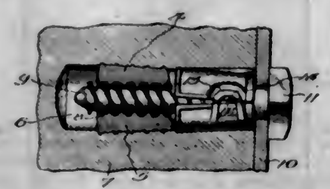
1. A device of the class described comprising a housing adapted to be inset in a support, said housing having an open front and an outstanding frame around said open front and being provided also with longitudinal tracks at its opposed sides, a reversible casing fitting into said housing and closing said open front thereof, said casing having an open side closed by one of said opposed sides of the housing, and shoes on said casing slidably engaging said tracks, said shoes being spaced sufficiently forward from the rear side of the casing to dispose this side forwardly from said frame when the casing is reversed, thereby exposing said open side of the casing.

1,625,012. AEROPLANE. ALBERT WORMAN, New York, N. Y. Filed Nov. 3, 1925. Serial No. 66,456. 1 Claim. (Cl. 244—17.)



In combination with an aeroplane of the character designated, a plurality of vibratory propulsive wings mounted on the planes thereof and a plurality of propulsive wings mounted on the rear portion thereof, electro-magnetic means for actuating said wings, and means for varying the speed of operation, consisting of a switch board, a rotor, and a plurality of commutators of different diameters interposed in the operative electric circuit, substantially in the manner and for the purpose set forth.

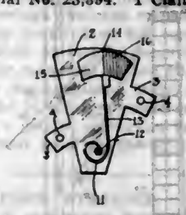
1,625,013. EXPANSION BOLT. LOTHAR R. ZIFFERER, Columbia, Pa. Filed Apr. 16, 1925. Serial No. 23,576. 2 Claims. (Cl. 85—2.4.)



1. In an expansion bolt, a shield divided longitudinally in a straight line on opposite sides whereby to provide two complementary parts each having a pair of abutting edges extending straight from end to end, a pair of loops formed on one part and extending past the abutting meeting edges to overlap the other part in closely adjacent relation, and a pair of studs upstanding from the

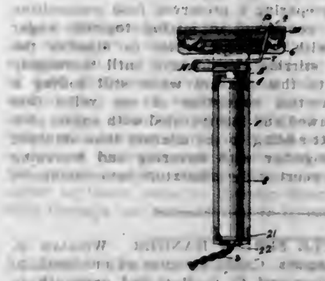
latter shield part, each adjacent the straight edge thereof and within one loop extending from the other shield part, whereby to provide a hinge connection between the two shield parts, substantially as described.

1,625,014. HEAT INDICATOR FOR HEATED TOOLS. ROBERT AMODIO, Rochester, N. Y., assignor of one-half to Harry C. D'Annunzio, Rochester, N. Y. Filed Apr. 15, 1925. Serial No. 23,394. 1 Claim. (Cl. 73—118.)



An automatic heat indicator for heated bodies embodying a casing having a side for engagement with the heated body and an opening in its opposite side, a volute thermostatic expansion member having one end secured to the side of the casing engaging the heated body and lying substantially parallel with said side but out of line with the opening, a movement amplifying arm supported by an end of the volute member and extending substantially parallel with that side of the casing arranged for engagement with the heated body, and a plate carried by said arm and extending from opposite sides thereof, said plate having two distinct markings, one of which lies under the opening when the thermostatic device has a temperature below a certain point and the other of which moves under the opening when the temperature of the thermostatic device passes above such certain point.

1,625,015. ELECTRICAL SAFETY RAZOR. WILLIAM P. ARON, Dallas, Tex., assignor, by direct and mesne assignments, to Aron Electric Razor Company, Wilmington, Del., a Corporation of Delaware. Filed Jan. 8, 1926. Serial No. 80,014. 5 Claims. (Cl. 30—12.)



1. An electrical razor including a hollow handle and a head, an electromagnetic coil within the handle; a blade mounted for reciprocation parallel to its edge in said head and provided with an aperture; and a spring armature interposed between said blade and said coil and having a portion engageable in the aperture of said blade and adapted, when actuated by the coil, to reciprocate said blade positively in both directions.

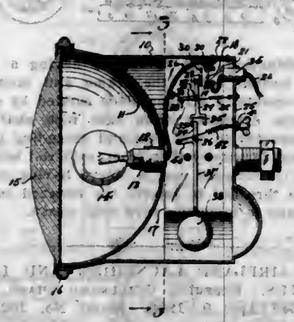
1,625,016. REINFORCEMENT FOR SPRINKLER TOPS. EDWIN H. BARKER, Moylan, Pa., assignor to A. H. Wirz, Inc., Chester, Pa., a Corporation of Pennsylvania. Filed Jan. 31, 1925. Serial No. 5,940. 8 Claims. (Cl. 215—43.)

1. In a dispensing closure, a container for said having an outlet opening, an axially perforated cork fitting into the opening, a metal cap having a circumferential wall secured to the container about the outlet opening and having a perforation in registry with the cork perforation, an annular boss on the cap adjacent to and around the



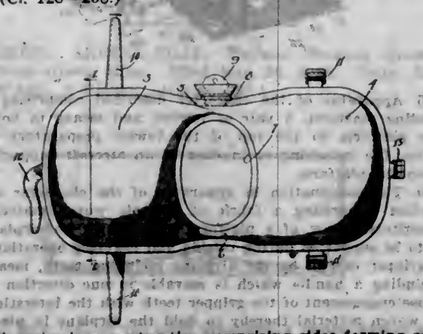
perforation on the side toward the cork, a second annular boss on the cap circumferentially adjacent the wall on the same side as the first and radial stiffening ribs joining the bosses.

1,625,017. CIRCUIT CLOSER. EDWARD P. BIRKHOLZ, Colonia, N. J. Filed Feb. 3, 1926. Serial No. 85,625. 2 Claims. (Cl. 200—52.)



1. In an electric circuit control device, a circuit make and break means for said circuit, means for yieldably retaining said circuit make and break means in either circuit closing or circuit opening position, a pivotally suspended pendulum having trip means for actuating said circuit make and break means, said pendulum being adapted to operate under the force of its inertia to move said circuit make and break means to either circuit closing or circuit opening position as the case may be, and a tension means connected with said pendulum adapted when the latter is in neutral position to yieldably restrain the same against undue oscillation but serving to more or less counter-balance the same when operating to move said circuit make and break means to circuit closing position.

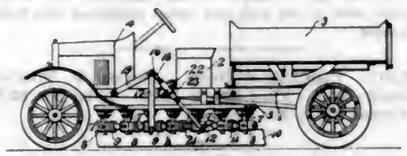
1,625,018. HOT-WATER BAG. TOBIAS BLUNT, Chicago, Ill. Filed Aug. 29, 1925. Serial No. 53,261. 1 Claim. (Cl. 128—238.)



A water bag construction comprising sides forming confining walls for two main hollow sections and two narrow hollow necks connecting said main sections, there being

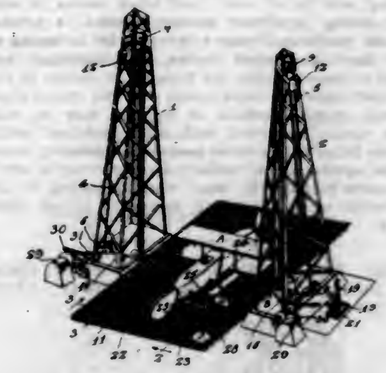
a central space bounded by the free unobstructed walls of the main sections and the narrow necks, said narrow necks being continuous of the walls forming the sections and providing passageways between said main sections at opposite sides of said central space, substantially as described.

1,625,019. ROAD-SCRAPER-ADJUSTING MECHANISM. DAVID E. BURNS, Grand Rapids, Mich.; Grand Rapids Trust Company executor of said Burns, deceased, assignor to Charles G. Willett, Grand Rapids, Mich. Filed Sept. 8, 1925. Serial No. 54,890. 8 Claims. (Cl. 37—155.)



5. In combination with a vehicle having a frame, a rock shaft located below the frame and mounted for rocking movements, a scraper blade carried by said rock shaft, an arm extending from said rock shaft, a rod pivotally connected to said arm and extending upwardly, outwardly and forwardly therefrom, said rod being screw threaded at its forward end, a sleeve having connection to the frame threaded to receive the forward end of the rod, and means to manually turn said sleeve.

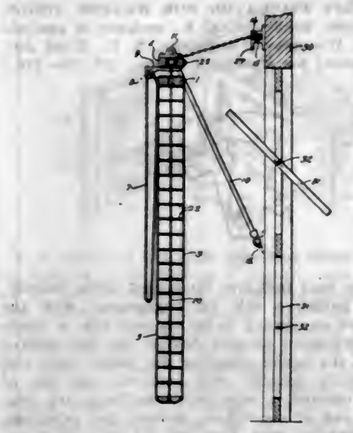
1,625,020. AIRPLANE LAUNCHING AND LANDING APPARATUS. FEDERICO GUILLERMO DIAGO, Habana, Cuba. Filed Apr. 9, 1926. Serial No. 100,935. 22 Claims. (Cl. 44—2.)



5. Apparatus of the character described comprising a landing platform, a pair of towers, and means to hoist the platform to the top of the towers preparatory to either the launching or landing of an aircraft supported upon the platform.

9. The combination in apparatus of the character described comprising a fabric of suitable woven material constituting part of a platform upon which an airplane is to be supported during raising and lowering operations, a gripper carried by the airplane including teeth, means including a handle which is movable in one direction to cause engagement of the gripper teeth with the interstices of woven material thereby to hold the airplane in place, and means associated with the gripper being engageable with the material upon reverse movement of the handle to facilitate extraction of the teeth from said interstices.

1,625,021. OFFSETTING SUPPORT FOR VENETIAN BLINDS. ARTHUR H. DODGE, New York, N. Y., assignor to The J. G. Wilson Corporation, New York, N. Y., a Corporation of Virginia. Filed Feb. 8, 1926. Serial No. 86,760. 13 Claims. (Cl. 156—17.)

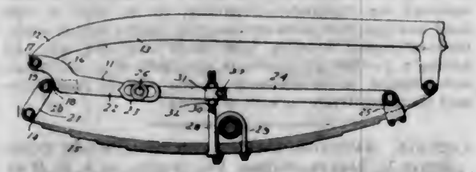


5. In a structure for Venetian blinds, in combination, a supporting bar, a tilting bar pivotally suspended from the supporting bar, a series of parallel slats, means for connecting the slats and for suspending the same from the tilting bar for tilting movement therewith, means for mounting the supporting bar for adjustment toward and from a window, a bracket carried by the supporting bar, a roller mounted in the bracket, and a cord passing over the roller and secured to the tilting bar in a manner to rock the same on its pivotal supports.

1,625,022. PASTRY DOUGH. JOSEPH FOUSEK, San Francisco, Calif. Filed Apr. 20, 1925. Serial No. 24,682. 1 Claim. (Cl. 99—10.)

The method of preparing a preserved food composition for making cakes, consisting in mixing together sugar and corn syrup with sufficient water to dissolve the sugar, boiling and stirring the mixture until thoroughly dissolved, adding to this mixture while still boiling a ripened egg preparation consisting of egg yolks first frozen and then thawed and incorporated with sugar, corn syrup and salt, next adding to the mixture thus obtained butter and flour together with flavoring and leavening agents, and finally pouring the admixture into containers and sealing.

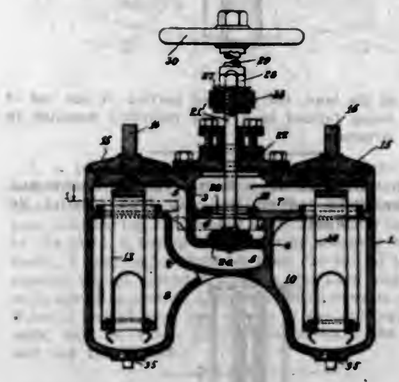
1,625,023. VEHICLE SPRING HANGER. WILLIAM R. GARDNER, Los Angeles, Calif., assignor of one-tenth to Wallace B. Truslow and C. C. Post and one-tenth to D. G. Collins, Los Angeles, Calif. Filed Jan. 2, 1926. Serial No. 78,854. 8 Claims. (Cl. 267—19.)



5. In a counterpoise spring suspension for vehicles, the combination with a vehicle chassis bar and a vehicle spring extending beneath the chassis bar, and the vehicle axle, of a bracket fixed to the axle and extending upwardly therefrom and terminating intermediate the chassis bar and axle, and serving to shift the vibratory movement of

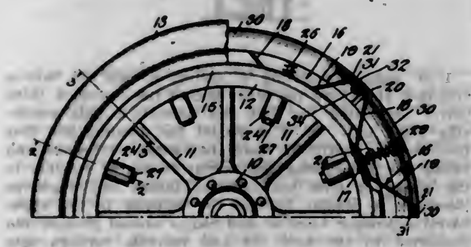
the axle to said intermediate point, a counterpoise lever having opposed lever arms, one serving as a weight arm and the other as a power arm, and having an intermediate fulcrum point at the junction of said arms and having the weight arm pivotally connected to the end of the chassis bar, a shackle link connected at one end to the said fulcrum point of the counterpoise lever, and having its opposite end connected to the eye-end of the vehicle spring, whereby said fulcrum point is beyond a plane passing through the ends of chassis bar and vehicle spring, a clip mounted on the opposite and forward end of the vehicle spring, an equalizing lever having one end pivotally connected to the clip, a roller on the opposite end of the equalizing lever and working in a corresponding slot in the free power arm of the counterpoise lever, and a pivotal connection between the bracket and an intermediate point on the equalizing lever.

1,625,024. DUPLEX STRAINER. FREDERICK HALL, Plainfield, N. J., assignor to Berggren Engineering Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Dec. 26, 1925. Serial No. 77,692. 3 Claims. (Cl. 210—168.)



1. A fluid strainer of the duplex type comprising a casing having ribs dividing its interior into a plurality of chambers in two of which strainers are mounted, another of said chambers serving as an inlet to the strainers and another as an outlet from the strainers, said inlet and outlet chambers having aligned upper and lower valve seats, valves in the inlet and outlet chambers, and a common operating means connected to the valve stems for simultaneously seating the valves on either their upper or lower seats to thereby direct the flow of the fluid through one strainer and to by-pass the other.

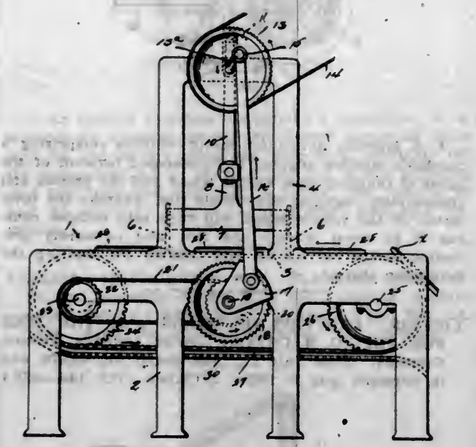
1,625,025. SPRING WHEEL. O'DELL HINES, Burnsville, Miss. Filed Mar. 13, 1926. Serial No. 94,615. 7 Claims. (Cl. 152—8.)



4. A wheel of the class described including a hub, spokes and rim, a plurality of substantially V-shaped supporting members encircling the said rim and being se-

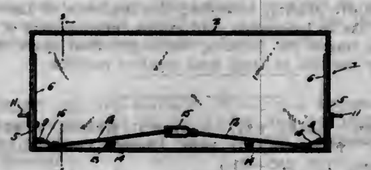
cured thereto, the adjacent ends of said members overlapping one another and provided with registering slots, a plurality of tire supporting shoes carried by said members, the adjacent ends of said shoes overlapping one another, certain of said overlapping ends being provided with slots, fastening means secured to other of said overlapping ends and passing through the slots in the ends of said shoes and also through the registering slots in the ends of the supporting members, whereby the said tire supporting shoes and supporting members are permitted to slide relative to one another, and spring means carried by said rim and passing there through and secured to the said shoes intermediate their ends, for holding the same in inflated position.

1,625,026. MACHINE FOR SHOE SOLES. GEORGE A. HOLMES, Naugatuck, Conn. Filed June 16, 1926. Serial No. 116,389. 3 Claims. (Cl. 164—24.)



1. In a machine of the type described, a frame, a table provided on the frame, a press head supported on the frame for reciprocation toward and away from the table, an endless conveyer adapted to slide across the table beneath the press head and having a plurality of die plates thereon, rotating elements arranged respectively at the ends of the frame for receiving the conveyer, an apron carried by the frame and beneath the conveyer for direct contact with the die plates for supporting the same, means for actuating the conveyer, and means for reciprocating the press head.

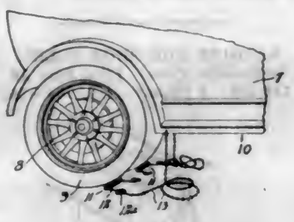
1,625,027. ANIMAL TRAP. THOMAS WILLIAM HULSE, Inver Grove, Minn. Filed Mar. 26, 1926. Serial No. 97,630. 2 Claims. (Cl. 43—67.)



1. In a trap of the class described, a casing having an animal entrance opening, a door pivotally and swingably mounted in the casing in a position to cover said opening, said door being adapted to swing by gravity to clos-

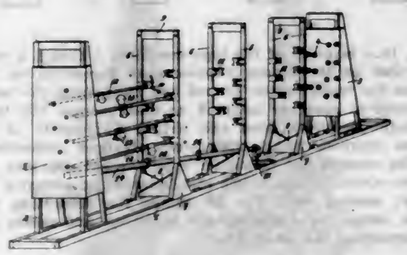
ing position, a pivotally mounted animal actuated platform in the casing, a lifting finger carried by the platform, and a tongue carried by said door, said finger being engaged with said tongue when the door is in an open position whereby when the platform is tilted an impetus is given to the door to permit it to gravitate to closing position.

1,625,028. TRACTION DEVICE FOR MOTOR VEHICLES. CHARLES H. HYATT, Cottagewood, Minn. Filed Mar. 22, 1926. Serial No. 96,518. 6 Claims. (Cl. 180—7.)



1. A traction device for motor vehicles comprising a revoluble member adapted to be disposed forward of the point of tangency of a vehicle wheel and the ground and transversely engaging the vehicle tire, whereby the revolution of the vehicle wheel will turn said member causing it to creep beneath the tire, and outwardly projecting means carried by said member for limiting the revolution thereof.

1,625,029. ERECTION OF WINGS AND THE LIKE FOR FLYING MACHINES. HUGO JUNKERS, Dessau, Germany. Filed July 22, 1925. Serial No. 45,379, and in Germany Aug. 8, 1924. 5 Claims. (Cl. 144—288.)



1. Fixture for the erection on edge of wings and similar parts of flying machines and the like comprising the combination of a longitudinal foundation frame and a plurality of vertical cross frames, some of them displaceable on said foundation frame, all said frames having a width slightly exceeding the thickness of the wing or the like to be erected, and means forming part of said vertical frames for securing the longitudinal spars of the wing or the like in their final relative position.

1,625,030. DRILL BIT. ERNEST U. KELLER, Pawhuska, Okla. Filed May 1, 1926. Serial No. 106,113. 2 Claims. (Cl. 255—61.)

1. In combination with a bit comprising a body having at its upper end a shank, the upper end of the shank being provided with the usual pin, of a bore extending from the top of the pin into the upper end of the body, said bore being axial to the shank and being enlarged at its opposite ends and a metallic filling for the bore consisting of a metal softer than the metal of the drill bit and having its ends enlarged to fit the enlarged



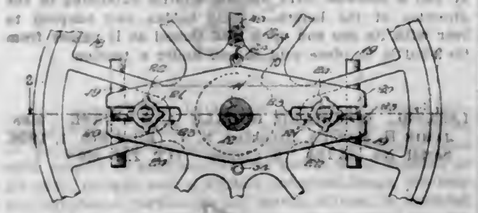
portions of the bore, the enlarged portion at one end of the bore being formed in a block rotatably mounted in the drill structure.

1,625,031. OIL PUMP. LOUIS PHILIP KESSELMAN, Whittier, Calif. Filed Mar. 12, 1925. Serial No. 15,061. 5 Claims. (Cl. 103—5.)



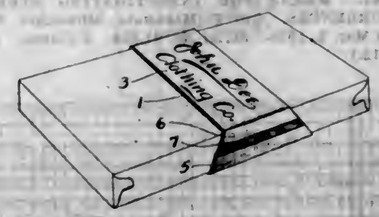
1. A pump comprising a casing, a pair of barrels arranged one above the other within the casing, a third barrel connecting the first two barrels, a plug removably fitted into the third barrel for dividing the first two barrels, partitions associated with the barrels and casing for maintaining the barrels in spaced relation to the casing to form therebetween intake and discharge chambers, a tubular plunger rod movable in the upper barrel a plunger fixed to said rod, a second plunger rod connected to the first rod and movable through said plug and in all of the barrels, a second plunger fixed to the second rod, inlet ports in the second rod providing communication between the upper barrel and the tubular rod, a valve outlet port in the upper end of the tubular rod to open on downward movement of the third rod, valve inlet ports for placing the intake chamber in communication with the upper or lower barrels according as the plungers are moved upwardly or downwardly in said barrels, valved outlet ports for placing the discharge chamber in communication with the upper barrel or lower barrel according as the plungers are moved downwardly or upwardly in the barrels, and a valved intake port with the lower end of the lower barrel.

1,625,032. RECENTERING DEVICE. HENRY KETTLER, Detroit, Mich. Filed Feb. 13, 1926. Serial No. 88,091. 2 Claims. (Cl. 77—13.)



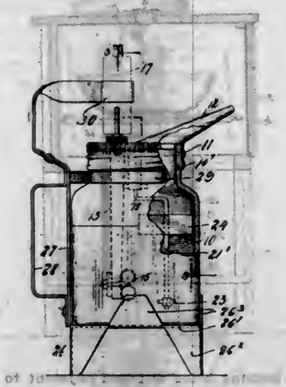
1. A re-centering device comprising a plate having a central opening and slots disposed radially relative to the central opening, a sleeve erected perpendicular upon said plate and having an opening registering with the opening in the plate, a boring tool rotatably mounted within the sleeve, a feed collar threaded upon the end of the sleeve, tension screws extended through the slots and provided with means to prevent rotation of the screws in said slots, T-heads formed upon said screws at the ends opposite the nuts, and an offset formed intermediate the threaded end and the T-head.

1,625,033. BOX CLOSER. JOHN E. KNOPP, Tulsa, Okla. Filed Oct. 26, 1925. Serial No. 64,820. 1 Claim. (Cl. 229—43.)



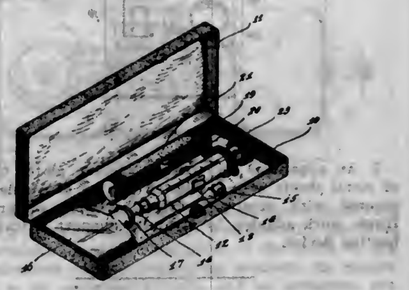
The combination with a box having a top, a bottom and side walls, of a flat strip of box board having parallel and oblique edge portions scored transversely to form rectangular top, and bottom portions and tapering side wall portions, the ends of the strip being secured together to form a pre-formed, stiff walled band open at opposite ends thereof, narrower than the length of the box and substantially rectangular in cross section, slidable into position on said box to closely engage the top, bottom and side walls of the box to hold the same closed, said top and bottom portions of said band being of different widths to provide clearance for the box to enter the band with a tilting movement of the band.

1,625,034. VAPORIZER. NICHOLAS LAWNER, Brooklyn, N. Y., assignor to American Sundries Co., Inc., a Corporation of New York. Filed June 8, 1926. Serial No. 114,448. 2 Claims. (Cl. 219—40.)



1. An electric vaporizer comprising a receptacle, a removable lid therefor, an electric heater suspended from said lid and having outwardly projecting terminals for the engagement of an electric plug and means engaging said receptacle and said plug to prevent the removal of said lid while the plug is in engagement with said terminals.

1,625,035. HYPODERMIC KIT. ELI LILLY, Indianapolis, Ind., assignor to Eli Lilly and Company, Indianapolis, Ind., a Corporation of Indiana. Filed Nov. 23, 1925. Serial No. 70,735. 3 Claims. (Cl. 206—43.)

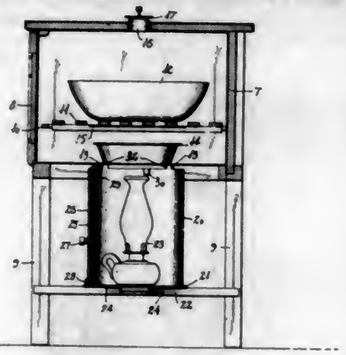


2. A hypodermic kit, comprising an openable case, hypodermic syringe and needle, a bottle for holding a liquid antiseptic, said bottle being provided with a rubber stopper which permits the insertion of the needle point therethrough into the liquid antiseptic and automatically closes the needle opening upon the withdrawal of such needle point and supporting means provided in said case for supporting said hypodermic syringe with the needle inserted through the stopper of said bottle.

1,625,036. DOUGH RAISER. WILLIAM J. LOUDENSLAGER, New Martinsville, W. Va. Filed Aug. 31, 1925, Serial No. 53,708. Renewed Sept. 13, 1926. 2 Claims. (Cl. 126—282.)

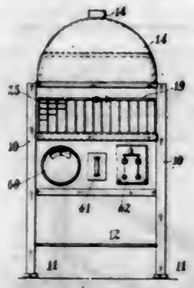
1. A dough raiser comprising a dough chamber having an upper outlet, a shelf in the chamber for supporting a dough receptacle, a water receptacle on the bottom of the chamber below said shelf, said bottom of the chamber having apertures surrounding said water receptacle, a

heater below the bottom of said chamber and said water receptacle, and a housing surrounding said heater having an air inlet at its lower end below the heater, the upper



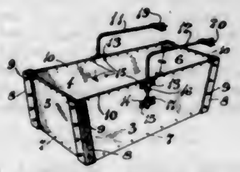
end of said housing being disposed adjacent to but spaced slightly from the bottom of the chamber at a point slightly outwardly beyond said apertures.

1,625,037. BURNING-IN MACHINE. LOUIS LORENZ, New York, N. Y. Filed Mar. 26, 1926. Serial No. 97,590. 8 Claims. (Cl. 263—2.)



1. An apparatus for treating etching plates composed of metal sheets with a selected portion of a side thereof covered with erosive resisting coating, comprising a frame work adapted to pivotally support a tray and a heating device.

1,625,038. RECEPTACLE FOR CARRYING INFANTS. THOMAS H. LOVE, Cincinnati, Ohio. Filed June 1, 1926. Serial No. 112,875. 8 Claims. (Cl. 224—45.)



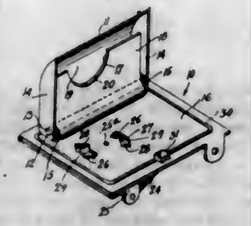
1. Means for carrying infants, comprising an open top receptacle having a vertical bearing centrally thereof on opposite sides, respectively a pair of L-shaped handles pivotally mounted centrally of the receptacle upon opposite sides thereof in said vertical bearings and adapted to be swung into parallel spaced apart position when opened or into parallel adjacent position when closed.

1,625,039. TENSION DEVICE FOR LOOMS. JONATHAN LUCAS, Savannah, Ga., assignor to Lucas-Lamborn Loom Corporation, New York, N. Y., a Corporation of New York. Original application filed May 16, 1925, Serial No. 30,656. Divided and this application filed Oct. 31, 1925, Serial No. 65,935. Renewed Sept. 17, 1926. 4 Claims. (Cl. 139—141.)



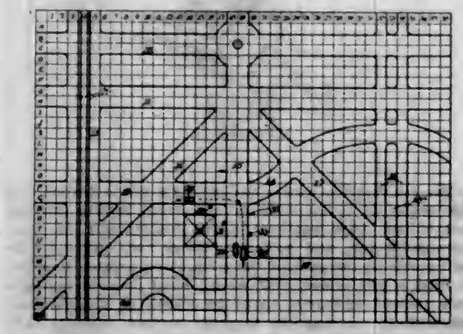
1. In a loom, a shuttle, a bobbin of thread carried thereby and a movable lever on said shuttle extending in the direction of the length of said bobbin and adapted to bear with its one end upon said thread as it passes from the shuttle to place said thread under a tension.

1,625,040. COMBINED BUCKLE AND PURSE. BENJAMIN H. MARCUS, Brooklyn, N. Y. Filed Feb. 1, 1926. Serial No. 85,134. 5 Claims. (Cl. 224—26.)



1. In a purse, a base, a cover hingedly associated with the base, a projection integral with the cover and bent inwardly therefrom to form a compartment within the said cover, a bead on the base surrounding the cover when said cover is closed and a projection on the base associated with the cover to keep same in closed relation with the base.

1,625,041. MEANS FOR INVESTIGATING STREET OCCURRENCES. GUY F. MARSHALL, Milwaukee, Wis. Filed Mar. 2, 1926. Serial No. 91,824. 3 Claims. (Cl. 35—12.)



1. A device for investigating roadway or street occurrences comprising a chart of the character described having indications thereon representing such passageways for

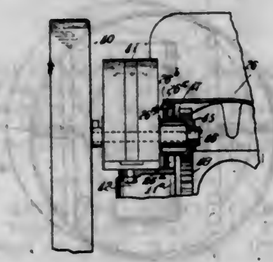
vehicular traffic, scale marking associated with said passageways respectively whereby distances or locations on the chart device corresponding to given distances or locations on the actual passageways may be determined according to the scale markings of the chart device, and markers representing objects involved in the street occurrence and adapted to be positioned on the chart according to the scale indications thereon for showing the relative positions of the actual objects involved in a given occurrence at the time thereof.

1,625,042. SPRAY NOZZLE. MICHAEL W. MCARDLE, Chicago, Ill. Filed Feb. 6, 1926. Serial No. 86,370. 2 Claims. (Cl. 299—131.)



1. A spray nozzle having its discharge terminal furnished with a widely tapered smooth mouth for spread of the spray and a water inlet thereto substantially axial with respect to said mouth, said mouth being finished at its outer margin with a slightly inturned flange, whereby the outermost portion of the spread stream is deflected inward for covering the central area from which the discharge is diverted by the spreading means of the nozzle including said widely tapered mouth.

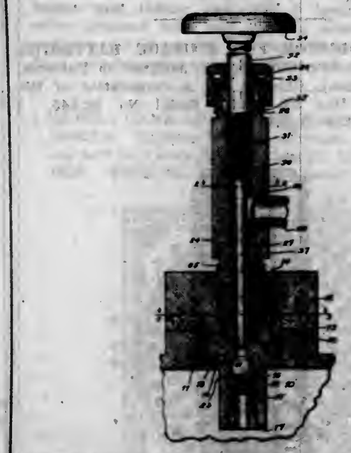
1,625,043. INTERNAL-COMBUSTION ENGINE. HAROLD E. MCCRAY, Waterloo, Iowa, assignor to John Deere Tractor Company, Waterloo, Iowa, a Corporation of Iowa. Original application filed Feb. 15, 1923, Serial No. 619,081. Divided and this application filed Apr. 27, 1925. Serial No. 26,152. 8 Claims. (Cl. 123—195.)



2. In an internal combustion engine, the combination of a crank case, a removable cover therefor, a crank shaft disposed transversely of said crank case, a magneto mounted exteriorly on said crank case and having an armature shaft extending through said cover into the crank case, said cover being removable independently of said armature shaft, a pinion carried by said armature shaft, a collar around the armature shaft and extending through said cover, and means for driving said pinion from said crank shaft.

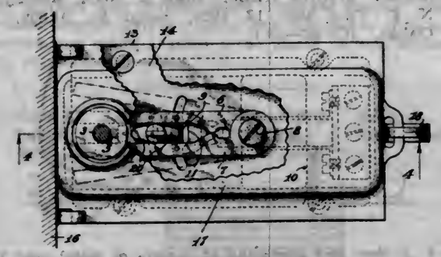
1,625,044. DISCHARGE MANIFOLD FOR PRESSURE CONTAINERS. WILLIAM C. MCKNOWN, Baltimore, Md., assignor to Modern Household Appliance Company, Baltimore, Md., a Corporation of Maryland. Filed Dec. 4, 1925. Serial No. 73,146. 6 Claims. (Cl. 221—73.5.)

1. The combination with a container having a passage provided with a valve seat communicating with the interior thereof, of a discharge manifold movably mounted in said passage, and a head attached to one end of said manifold and capable of movement relative thereto, said



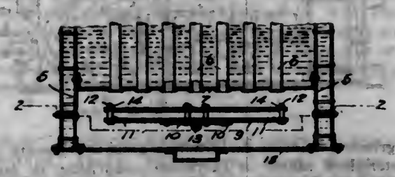
head having a hole registering with said passage and adapted to effect a sealed joint with said seat through the movement of said manifold.

1,625,045. SAFETY DEVICE FOR CLUTCH MECHANISM. JAMES B. MONAHAN, New York, N. Y., assignor to Litho Etching Corporation, New York, N. Y., a Corporation of New York. Filed May 28, 1925. Serial No. 33,330. 2 Claims. (Cl. 192—131.)



1. A safety device including: a reciprocable controlling member, a collar on said member, two pivotally supported arms normally urged into the plane of the collar to prevent movement of the controlling member, an electromagnet to be energized at will, and an armature controlled by the electro-magnet to spread the arms apart and into positions beyond the plane of the collar.

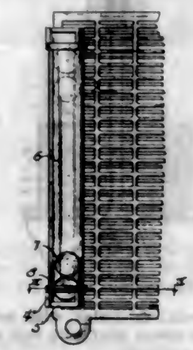
1,625,046. BOILER. MICHAEL MORLEY, Brooklyn, N. Y. Filed June 29, 1925, Serial No. 40,346. Renewed Mar. 1, 1927. 1 Claim. (Cl. 110—97.)



In a boiler, the combination of a body having a plurality of flues, a shaft connected to the body, a plate consisting of a pair of semi-circular sections hingedly connected to said shaft, and a second plate consisting of

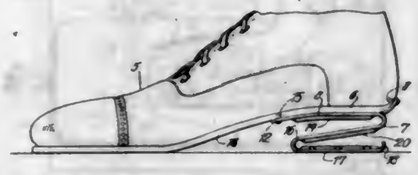
semi-circular sections rigidly connected with said first named sections, said sections of the second named plate being in spaced parallel relation to the sections of the first named plate.

1,625,047. INDICATOR FOR STORAGE BATTERIES. ROBERT D. MOWRY, Chicago, Ill., assignor to Universal Battery Company, Chicago, Ill., a Corporation of Illinois. Filed May 23, 1925. Serial No. 32,245. 1 Claim. (Cl. 136—182.)



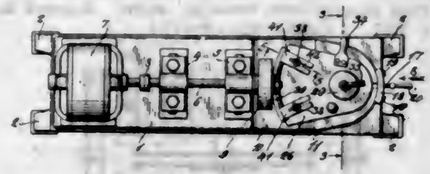
The combination with a storage battery plate, of spaced supporting brackets associated with one edge thereof, a transparent open end tube supported by said brackets and specific gravity indicating means in said tube.

1,625,048. SPRING HEEL. JOHN R. NOCK, Brooklyn, N. Y. Filed Mar. 13, 1926. Serial No. 94,609. 2 Claims. (Cl. 36—38.)



1. A shoe heel consisting of a strip of metal bent to provide opposing portions one of which is adapted to be attached to a shoe and one of said portions constituting a ground engaging member, and outstruck rib members formed longitudinally of said opposing heel portions.

1,625,049. GRINDING MACHINE. GEORGE A. OLIVER, Cleburne, Tex. Filed Nov. 21, 1925. Serial No. 70,479. 1 Claim. (Cl. 51—124.)



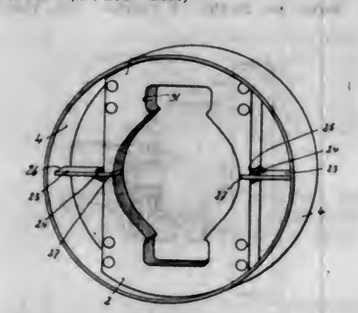
A grinding machine for grinding arcuate segments to a predetermined radius of curvature comprising, in combination, a base member having a plurality of bearings, a shaft mounted for rotation in said bearings, a grinding wheel secured to said shaft, said wheel having a plane grinding surface, a plate supported by said base and mounted for oscillation in a plane perpendicular to the plane of the grinding surface of the wheel, a pivot about which said plate oscillates, means for moving said pivot towards and away from the grinding wheel, means for supporting the outer end of said plate and an arcuate extension plate secured to the movable end of said first mentioned plate.

1,625,050. EXTENDIBLE SPECTACLE TEMPLE. LOUIS A. PAGE, Providence, R. I., assignor of one-half to Harry C. Messinger, Providence, R. I. Filed Jan. 21, 1926. Serial No. 82,678. 2 Claims. (Cl. 88—52.)



1. A temple for spectacle frames having an elongated tubular shank with an ear-engaging loop portion at one end thereof, a cap on the other end of the tube, a wire core in the tube having an abutment thereon, a spring in the tube about the core acting between said cap and abutment to yieldingly permit a relative extending action of the tube and core, the outer end of the core being hinged to the frame.

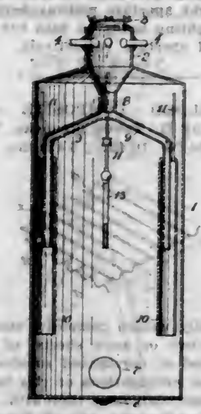
1,625,051. SUPPORTING HOUSING FOR ELECTRIC MACHINES WITH SPLIT POLES. HERMANN PAPST, Vienna, Austria, assignor, by mesne assignments, to Francis B. Keane, Bridgeport, Conn. Filed May 25, 1926, Serial No. 111,588, and in Austria Mar. 11, 1925. 6 Claims. (Cl. 171—209.)



1. The combination with a dynamo electric machine having a field structure comprising a plurality of polar projections, of a supporting housing comprising a thin sheet metal shell adapted to encircle said field structure, bearing shields arranged at each end of said shell and adapted to shape and support said shell, and spacing and reinforcing members associated with said poles and contacting with said shell to rigidly position said structure in said shell.

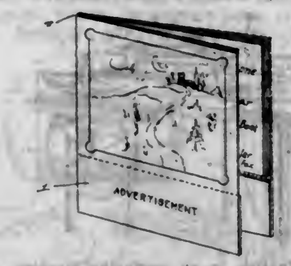
1,625,052. TANK FOR SEPARATING OIL AND WATER FROM GAS. FELBERT A. RAY, Wichita Falls, Tex. Filed Sept. 5, 1925. Serial No. 54,613. 8 Claims. (Cl. 183—2.7.)

1. In a tank of the character described for separating gas and water from oil, the combination with the fluid inlets of said tank of tubular members concentrically surrounding said inlets and closed at their tops to prevent ingress of gas therethrough, means to elevate the entrapped gas within said tubular members and pass the



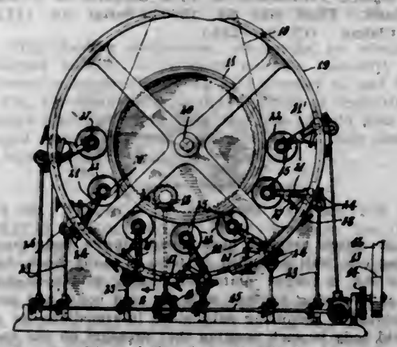
same above the level of the fluid within said tank and means for urging water from said tank by the pressure imposed upon the fluid by said gas.

1,625,053. LITERARY SAVINGS DEVICE. REGINALD C. REQUA, Cold Spring Harbor, N. Y. Filed Dec. 31, 1925. Serial No. 78,591. 4 Claims. (Cl. 281—29.)



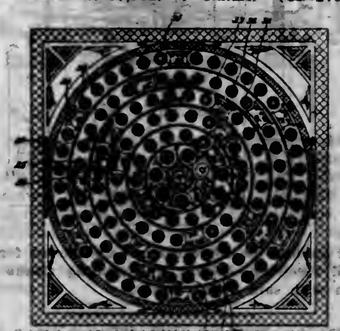
4. A device for encouraging and promoting systematic savings, in the form of a book, the said device having a cover and leaves with edges spaced inwardly from an edge of the cover and also having coin holding means carried by the cover portion between the leaf edges and a cover edge.

1,625,054. REVOLVING STENCIL-CYLINDER MACHINE. VICTOR ROSATO, Bronx, N. Y. Filed Jan. 13, 1926. Serial No. 80,901. 5 Claims. (Cl. 101—116.)



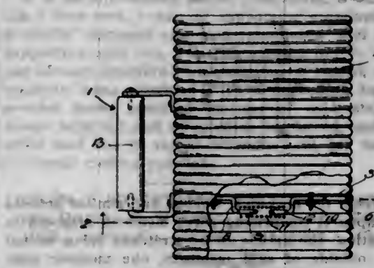
1. In a machine of the class described, a stencil member of cylindrical shape, an inking member in said cylindrical member, a concentrically arranged cylindrical pad within said inking member, an ink reservoir disposed within said cylindrical stencil member having a longitudinal V-shaped opening in the bottom thereof adjacent said inking pad, and a longitudinal V-shaped valve disposed over said opening adapted to be raised and lowered thereinto for controlling the flow of ink from said reservoir to said inking pad.

1,625,055. GAME APPARATUS FOR MULTISIX-COLOR GAMES. ALBERT SANDEL, Chicago, Ill., assignor of one-half to Frank Scholz, Chicago, Ill. Filed Nov. 19, 1925. Serial No. 69,982. 9 Claims. (Cl. 273—131.)



1. A game apparatus comprising a game-board having a plurality of enclosures with groups of play-circles or stations thereon, several of said groups containing circles or stations with certain colors displayed thereon which colors denote certain values, and play-pieces with corresponding colors adapted to be placed on said stations to score certain values.

1,625,056. ADJUSTABLE MEASURE. RICHARD E. SANDY, Cloverdale, Ind. Filed Mar. 3, 1926. Serial No. 91,981. 3 Claims. (Cl. 73—165.)

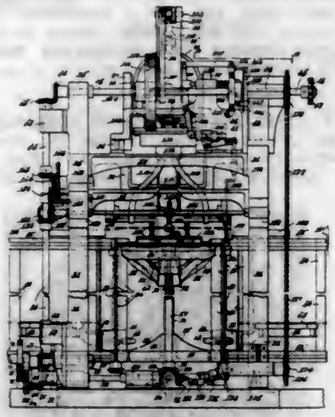


1. An adjustable measuring receptacle comprising a corrugated cylinder open at its respective ends, a bottom forming member slidable within the cylinder, means for holding said bottom forming member in any adjusted position in the cylinder, said means comprising a pair of opposed jaws slidably mounted on the under side of said bottom forming member, said jaws being adapted to be disposed within one of said corrugations.

1,625,057. CARTON-FEEDING MACHINE. JOSEPH M. SCHNUR, FRANK KNESELENG, JACOB SCHNUR, and STEVEN JONISCIK, Chicago, Ill., assignors to Katherine Schnur, as trustee, Chicago, Ill. Filed Oct. 12, 1925. Serial No. 61,955. 21 Claims. (Cl. 271—12.)

1. A carton feeding machine comprising platform means for supporting a stack of cartons; a track and

means movably mounted thereon for lifting the upper one of the cartons; movable means for receiving, holding and guiding the lifted carton; and means for operating said receiving, holding and guiding means in conjunction with said lifting means.



1,625,058. PROCESS OF DEWATERING PEAT. GEORGE A. SCHROTER, Denver, Colo. Filed July 13, 1925. Serial No. 43,397. 2 Claims. (Cl. 44—27.)

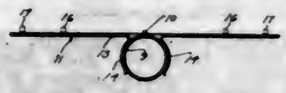
1. The process of dewatering peat comprising coagulating wet peat in the form of a slurry with just sufficient lime to render the mass slightly alkaline, decanting the liquid from the slurry, adding a drying agent such as burnt lime to the decanted peat, compressing the decanted mass, and then drying the compressed mass in the atmosphere.

1,625,059. STRETCHER FOR NECKTIES AND THE LIKE. CHARLES SNOWDON and FRANK BROWN, Wolsingham, England. Filed Oct. 19, 1925, Serial No. 63,328, and in Great Britain Nov. 25, 1924. 2 Claims. (Cl. 223—19.)



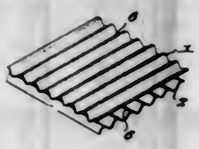
1. A stretcher for neck-ties, ribbons and similar articles of wearing apparel comprising three members disposed in close association, the article to be stretched being wound around the outside of said members, one member comprising a plurality of parts, a wedge for expanding the compound member to stretch the article, and means for guiding the movement of said parts.

1,625,060. LEAD SIGHT FOR FIREARMS. ADOLPH STORM, Minneapolis, Minn., assignor of one-half to Charles G. Strand, Minneapolis, Minn. Filed Aug. 15, 1925. Serial No. 50,386. 1 Claim. (Cl. 33—51.)



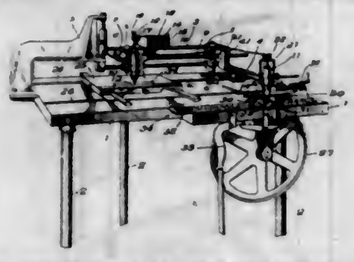
A lead sight for firearms comprising a flat straight horizontal bar, the end portions of which are folded inwardly under the intermediate portion of said bar and terminate in spaced reversely formed arcuate spring jaws applicable to grip the barrel of a firearm, said bar having a gun sight aperture midway between said jaws, and a pair of sighting beads on said bar located one on each side of said aperture respectively.

1,625,061. WELDED COMPOSITE CORRUGATED SHEET. PHILIP H. TROUT, Roanoke, Va. Filed Feb. 19, 1925. Serial No. 10,422. 3 Claims. (Cl. 219—10.)



1. An electrically welded composite sheet metal structure, comprising two or more sheets, of which at least one sheet is ribbed or corrugated substantially throughout its extent, the corrugations or ribs being electrically welded to the sheet contacting therewith, the surfaces of said sheets being otherwise out of direct contact with each other.

1,625,062. ENGRAVING MACHINE. HARRY G. TURNER, Chicago, Ill. Filed Jan. 11, 1926. Serial No. 80,597. 9 Claims. (Cl. 33—25.)



5. In combination in an engraving machine, a work support, slidable in one direction, a pattern holder movable in the same direction, a lever having a connection to said support and having a connection to said holder fixedly spaced from said connection and a fulcrum for the lever adjustably spaced from said connections.

1,625,063. BRACELET HOOK. LOUIS EDMOND VALCOURT, Pawtucket, R. I., assignor to Louis Stern Company, Providence, R. I., a Corporation of Rhode Island. Filed May 24, 1926. Serial No. 111,201. 5 Claims. (Cl. 24—233.)



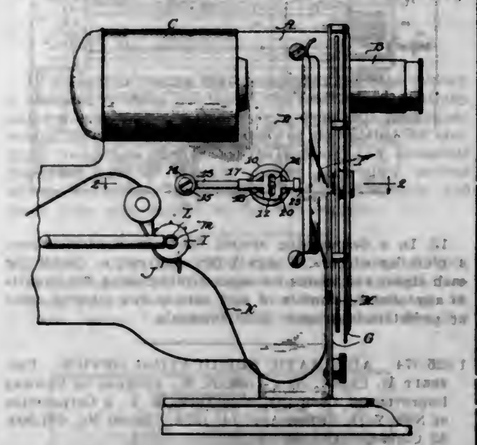
1. A watch bracelet hook comprising a body portion having one wall extended to form a shank hook-shaped at its end, a tongue plate for closing said hook-shaped end and forming another wall for said body, and means for pivotally mounting said plate intermediate its ends in said body in such position that pressure on one end of said plate causes the hook closing end thereof to move outwardly from said hook-shaped end and permit the insertion of a watch ball therein.

1,625,064. COMBINATION TOOL. NICOLA VELLO, Akron, Ohio. Filed June 7, 1926. Serial No. 114,125. 5 Claims. (Cl. 81—5.1.)



2. In a tool of the plier type, a jaw designed to enter and support the eye of a cotter-pin with its point projecting toward the opposite jaw, and an opposing jaw provided with a V-shaped face for spreading the pins.

1,625,065. INTERMITTENT-FILM FEED. ALEXANDER FERDINAND VICTOR, Davenport, Iowa. Filed Dec. 10, 1923. Serial No. 679,798. 9 Claims. (Cl. 88—18.4.)

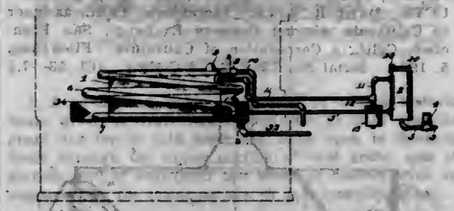


1. Film feeding mechanism comprising an elongated oscillating member, an element movable therewith and reciprocable longitudinally on said member to and from the film, a rotatable disk, and a plurality of eccentrically disposed pins projecting from the face of said disk and engaged respectively with said member and said element for independently actuating the same.

1,625,066. METHOD OF MAKING DECORATIVE MATERIAL FROM PEAT. TIETE VIERSEN, Ter Apel, Netherlands. Application filed June 1, 1926. Serial No. 113,075, and in Netherlands May 30, 1925. 1 Claim. (Cl. 18—47.5.)

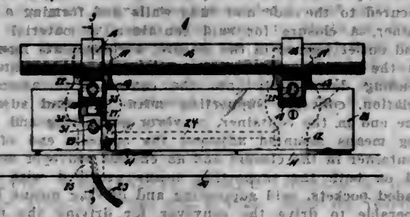
A process for the production of decorative materials from pieces of peat or bog deposit having long fibers, comprising the successive steps of drying raw pieces of peat or bog in their original state to reduce their water-content to about 10%, and then pressing said pieces directly together so as to consolidate them into a single integral mass or object of extreme firmness and density and of the desired size in which the fibres extend in various directions throughout the mass and are caused to interlace with one another.

1,625,067. OIL BURNER. SAMUEL E. WEAVER, Brooklyn, N. Y. Filed Jan. 21, 1925. Serial No. 3,709. 7 Claims. (Cl. 158—56.)



1. In combination with an oil burner comprising a boiler, a water feed tank adapted to supply the boiler with water, and a burner supplied with a mixture of steam from the boiler and oil entrained by said steam, said mixture being heated by the burner flame, means for establishing communication between the air space of the water feed tank and the steam space of the boiler for equalising the pressures therein to maintain equal water levels.

1,625,068. FOOT-ACTUATED SWITCH. CLINTON L. WOLFE and JOSEPH A. FAUROT, New York, N. Y. Filed May 19, 1924. Serial No. 714,474. 2 Claims. (Cl. 200—82.)



1. A circuit closing device comprising a bar constituting a foot rest, a pair of supporting standards, brackets pivotally mounted on said standards and swingingly supporting said bar, a circuit closing device actuated by one of said brackets when said bar is raised, one of said brackets being provided with a depending leg, a spring pressed latch mounted on one of said standards adjacent said leg and adapted to be forced under said leg when said bar is raised whereby said bar may be held in circuit closing position.

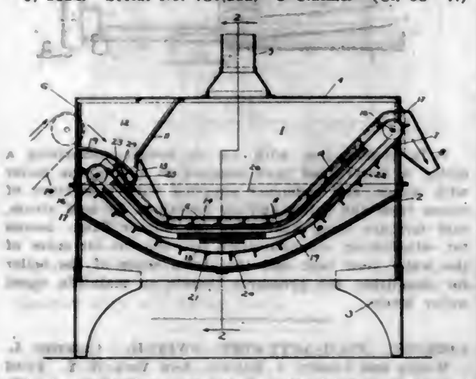
1,625,069. ADJUSTABLE FIXTURE. GEORGE ARRAS and DWIGHT E. WORRELL, Chicago, Ill. Filed Nov. 26, 1923. Serial No. 676,893. 5 Claims. (Cl. 240—78.)



1. In an adjustable fixture, a supporting rod with spaced notches, an insulating lamp socket having an

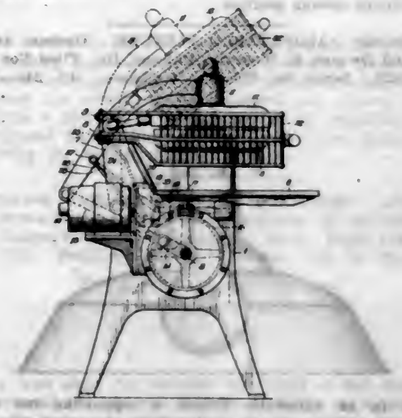
integral perforated projection through which the rod slides, and clamping means comprising a bent resilient strip, one end of which is adapted to engage the notches in the rod, and means to secure the other end of the strip to the socket and to press the first end against the rod.

1,625,070. APPARATUS FOR TREATING FOOD PRODUCTS. DAVID R. BAILEY, Sacramento, Calif., assignor to California Almond Growers Exchange, San Francisco, Calif., a Corporation of California. Filed Aug. 5, 1924. Serial No. 730,212. 3 Claims. (Cl. 53—7.)



1. A processing apparatus comprising a pair of spaced parallel side walls joined by end walls, a bottom secured to the side and ends walls and forming a container, a closure for said container, a material inlet and outlet formed in the closure, a guide plate mounted in the closure, said material inlet and guide plate extending downwardly into the container in assembled relation, conveyor supporting means mounted adjacent one end in the container, conveyor supporting and driving means mounted adjacent the opposite end of the container in the closure and an endless conveyor mounted on both the supporting means provided with open ended pockets, said supporting and dirving means being operable to drive the conveyor for driving the upper flight toward said means for maintaining a bearing contact between the guide plate and the pockets on said conveyor for maintaining the pockets normally closed.

1,625,071. GARMENT PRESS. FRITZ BALZER, Moline, Ill., assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill., a Corporation of New York. Filed Oct. 20, 1924. Serial No. 744,612. 8 Claims. (Cl. 192—138.)



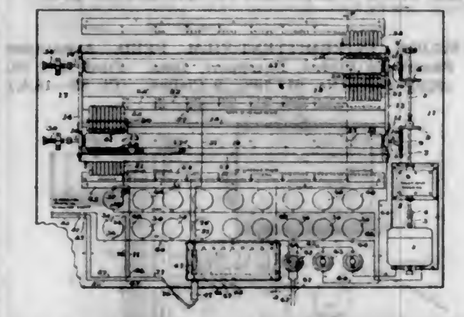
1. A garment press, comprising a movable buck, means for transmitting power to said buck, said power transmitting means including a worm and worm wheel, means responsive to said buck for controlling said power transmitting means, a guard, and means responsive to said guard for governing said controlling means.

1,625,072. PILE-WIRE CUTTER AND METHOD OF MAKING IT. MARCUS B. BEHRMAN, Brooklyn, N. Y., assignor to The Lox Seal Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Nov. 25, 1924. Serial No. 752,146. 13 Claims. (Cl. 139—44.)



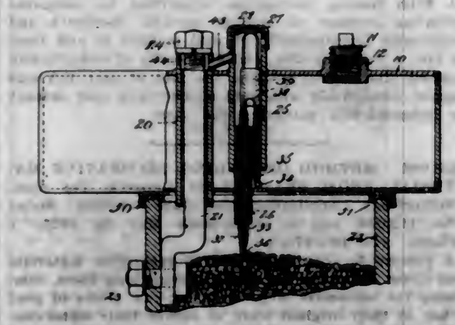
1. The method of forming a pile wire with a U-shaped blade holder attached thereto, which comprises the step or steps of simultaneously welding the ends of the walls of the U-shaped holder to each other, and such welded end to the pile wire.

1,625,073. APPARATUS FOR CONTROLLING ELEVATORS. FRANK E. BOARDMAN, Memphis, Tenn., assignor of one-half to Pleasant P. Williams, Memphis, Tenn. Filed Apr. 15, 1922. Serial No. 553,025. 15 Claims. (Cl. 177—336.)



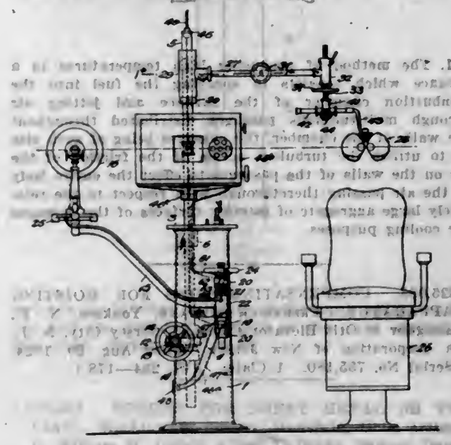
13. In a despatching system for a bank of elevators, a plurality of cars, a signal for each car, a circuit for each signal and means for successively closing the circuits to any selected number of said cars in any selected order at predetermined equal time intervals.

1,625,074. AUTOMATIC LUBRICATING DEVICE. LEVERETT M. CLARK, New York, N. Y., assignor to Railway Improvement Company, New York, N. Y., a Corporation of New York. Filed Apr. 14, 1923. Serial No. 631,994. 33 Claims. (Cl. 308—87.)



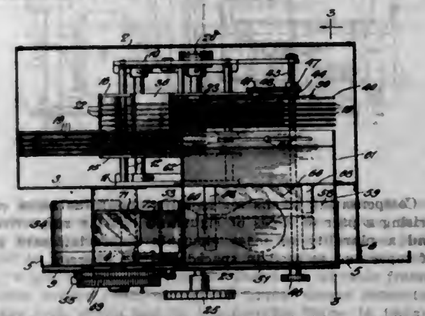
1. In an apparatus for lubricating bearings or the like, the combination with closed reservoir to contain the lubricant, said reservoir having a closable refilling opening, of a tube system extending into said reservoir, a support arranged in said tube system, and a feed wick having capillary lift and gravity feed portions, said wick being connected to said support, said tube system having a vent opening to atmosphere.

1,625,075. OPHTHALMOLOGICAL APPARATUS. HANS CLEMENT, New York, and GILBERT S. DEY, Mount Vernon, N. Y., assignors to General Optical Company, a Corporation of New York. Filed Nov. 9, 1923. Serial No. 673,728. 12 Claims. (Cl. 88—20.)



1. An optical testing device comprising a base cabinet, a standard entering the top of the cabinet and vertically adjustable therein, a support for a diagnostic instrument carried by the standard externally of the cabinet, an electrical receptacle carried by the cabinet and accessible from the exterior thereof, current controlling devices within the cabinet connected to the said receptacle, and leads from said devices to the said support.

1,625,076. OPTICAL TEST CHART. GILBERT S. DEY, Mount Vernon, N. Y., assignor to General Optical Company, Inc., a Corporation of New York. Filed Aug. 21, 1924. Serial No. 733,247. 17 Claims. (Cl. 88—20.)



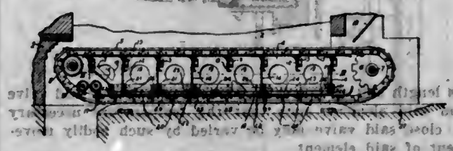
1. An optical test chart comprising a casing having a front observation opening, a carriage within the casing movable toward and from the opening, a plurality of charts on the carriage mounted to move to and from observation position before the opening, means for imparting a step-by-step movement to the carriage, and chart-shifting means so operatively connected to the carriage moving means as to operate upon the charts between the steps of the carriage movement.

1,625,077. MECHANICAL STOKER. WILLIAM M. DUNCAN, Alton, Ill. Filed June 13, 1923. Serial No. 645,036. 11 Claims. (Cl. 110—40.)



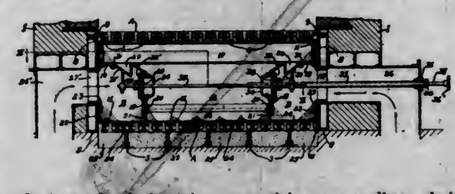
1. A mechanical stoker comprising an endless traveling chain grate, a draft box surrounded by said traveling grate, the top of said draft box being open to discharge draft through the upper portion of said grate, and the bottom wall of said draft box being in contact with and supported by the lower portion of said traveling grate.

1,625,078. MECHANICAL STOKER. WILLIAM M. DUNCAN, Alton, Ill. Filed Nov. 17, 1923. Serial No. 674,196. 22 Claims. (Cl. 110—40.)



1. A mechanical stoker comprising an endless traveling chain grate, a draft box surrounded by said grate, the top of said draft box being open to discharge draft through the upper portion of the grate, said draft box having side and bottom walls to confine the draft, and the bottom wall being made of independently yieldable sections contacting with and supported by the lower portion of the traveling grate.

1,625,079. MECHANICAL STOKER. WILLIAM M. DUNCAN, Alton, Ill. Filed Aug. 8, 1924. Serial No. 730,873. 5 Claims. (Cl. 110—40.)

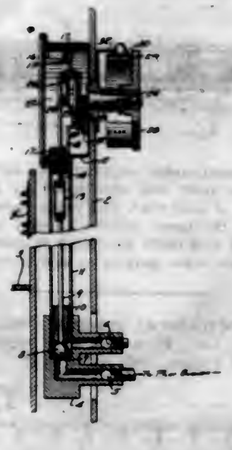


1. A mechanical stoker comprising an endless chain grate, draft boxes surrounded by the grate and arranged transversely thereof to form a series of draft zones in the grate, said draft boxes being open at the top for the discharge of draft through the upper portion of the grate, a draft manifold surrounded by said grate and located below portions of said draft zones so as to lie within the grate and between said portions of said draft zones and the lower portion of the grate, the top wall of said draft manifold having discharge openings for the discharge of draft to said draft boxes, and means for regulating the flow of draft through said discharge openings.

1,625,080. THERMOSTATIC OVEN CONTROL. EDWARD L. FORANCE, Newark, N. J., assignor, by mesne assignments, to The Wilcolator Company, Newark, N. J., a Corporation of Delaware. Filed Feb. 5, 1924. Serial No. 690,797. 21 Claims. (Cl. 236—15.)

1. In a device of the type described, the combination of a casing, a thermostatic element adapted to bend

under the influence of heat located within the said casing, a valve, means extending out of such casing for moving said element bodily substantially along the line of



its length and an operative connection between said valve and said element, such that the temperature necessary to close said valve may be varied by such bodily movement of said element.

1,625,081. WEED AND GRASS CUTTER. PHILIP J. HAAS, Omaha, Nebr. Filed Dec. 29, 1922. Serial No. 609,695. Renewed Sept. 30, 1926. 2 Claims. (Cl. 30—9.)



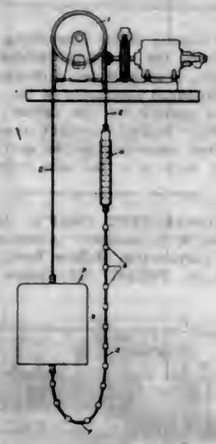
1. An implement of the class described, comprising a crescent-shaped blade having its concave edge sharpened, the main body of the blade being substantially flat and the ends having an upward curvature from the plane of the main body, a member secured on the upper side of the blade adjoining the rear convex edge thereof and equidistant from the ends, said member having an upstanding lug extending longitudinally of the blade, a relatively long straight handle having a bulbous enlargement at its upper end, said handle being connected at its lower end with said upstanding lug and adjustable pivotally about an axis transverse to said lug, whereby said handle is constantly in a plane perpendicular to the plane of the main body of the blade and parallel to a line between the points thereof, and means for securing the handle in fixed relation to the blade at variously adjusted positions in said perpendicular plane.

1,625,082. METHOD OF HEATING FURNACES. FRIEDRICH HELBIG, Karlsruhe, Germany. Filed Mar. 21, 1923, Serial No. 626,644, and in Germany May 17, 1921. 8 Claims. (Cl. 110—72.)



1. The method of producing high temperatures in a furnace which consists in spraying the fuel into the combustion chamber of the furnace and jetting air through multitudinous passages distributed throughout the walls of the chamber, the passages being of such size as to utilize the turbulent action of the friction of the air on the walls of the passages to effect the entire body of the air passing therethrough with respect to the relatively large aggregate of interior surfaces of the passages for cooling purposes.

1,625,083. COMPENSATING ROPE FOR HOISTING APPARATUS. FREDERICK HYMANS, Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J., a Corporation of New Jersey. Filed Aug. 30, 1924. Serial No. 735,180. 1 Claim. (Cl. 254—178.)

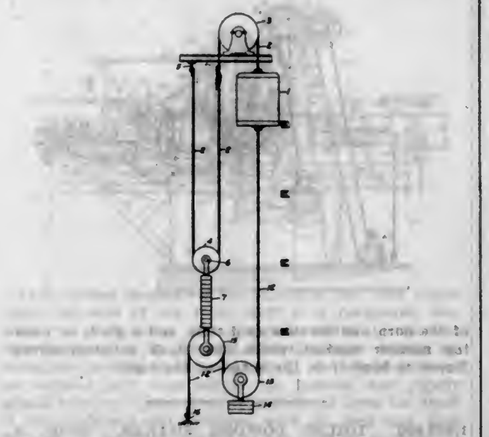


Compensating means for hoisting apparatus ropes comprising a pair of ropes of right and left lay respectively, and a plurality of mass elements embracing said pair of ropes and secured in spaced relation thereon.

1,625,084. ROPING FOR HOISTING APPARATUS. FREDERICK HYMANS, Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 12, 1924. Serial No. 737,300. 5 Claims. (Cl. 187—94.)

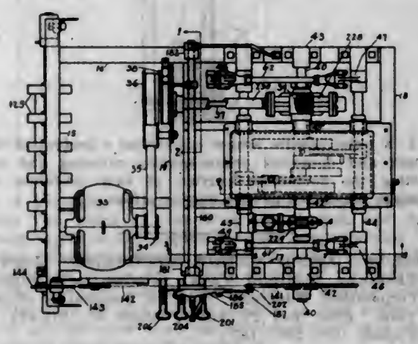
4. Hoisting apparatus comprising the combination with a cage, a counterweight, driving mechanism, roping supporting said cage and counterweight and comprising means for effecting movement of said counterweight in reduced ratio to cage movement; of a compensating rope

the entire length of which is supported by said cage and counterweight, and means for transferring from the one to the other the support of a length of compensating rope



equal to the increase in length of the ropes supporting the one and the decrease in length of the ropes supporting the other, during cage travel.

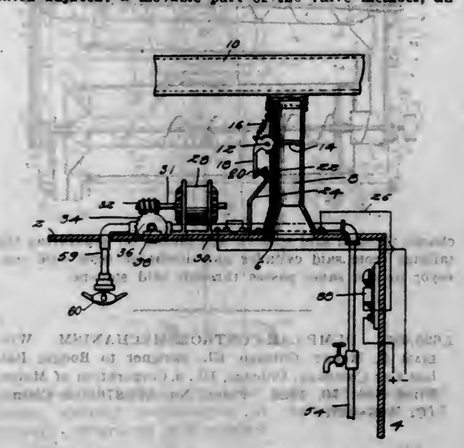
1,625,085. FEEDER FOR SHEET METAL OR THE LIKE. WILLIAM W. LEACH, Mansfield, Ohio, assignor to William H. Davey, Albert I. Davey, Samuel Davey, John Davey, Francis A. Davey, and James G. Davey, Mansfield, Ohio, and Harold Davey, Detroit, Mich. Filed Sept. 10, 1924. Serial No. 736,965. 41 Claims. (Cl. 271—27.)



1. In a feeder, a plurality of cams rigidly mounted on a driven shaft, rock shafts spaced from the driven shaft and journaled in parallel relation thereto, means journaled on the rock shafts and actuated by the cams to impart a partial rotary movement thereto, a movable frame, vacuum means mounted on the frame, means connected to the rock shafts and to the movable frame to impart in combination with the cams a predetermined movement to the frame, as set forth.

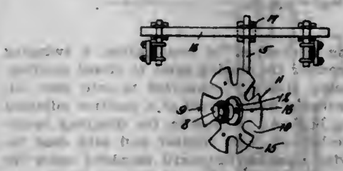
1,625,086. AUTOMATIC FIRE EXTINGUISHER. GENTARO MATSUSHITA, Selma, Calif. Filed Mar. 24, 1923. Serial No. 627,371. 2 Claims. (Cl. 169—2.)

1. In combination with a compartment provided with a vertically disposed flue upon its ceiling wall, fire extinguishing apparatus comprising a valve member pivoted to the flue and having an end portion disposed therein, spring means for holding said end portion of the valve member transversely of the flue, a motor mounted exteriorly of the compartment, a contact member mounted upon the compartment and having a terminal portion located adjacent a movable part of the valve member, an



open electric conductor connected with the flue, and the motor and connecting the motor with said terminal, a pipe located exteriorly of the compartment and having an end portion entering the same, a sprinkler located within the compartment, and communicating with said pipe, a valve connected with the pipe and means for operating said valve from the motor shaft.

1,625,087. COTTON CHOPPER. ROBERT S. MCCLINTOCK, Marianna, Ark., assignor of one-half to William S. McClintock, Marianna, Ark. Filed Oct. 2, 1926. Serial No. 666,170. 1 Claim. (Cl. 97—22.)

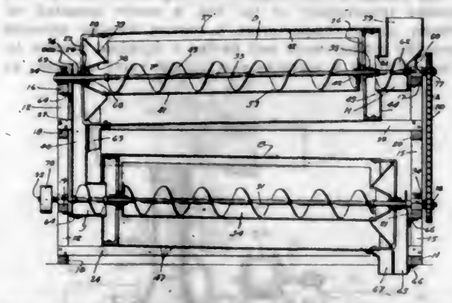


A cotton chopper including a sectional hub, a spider, a disk-like cutting member having cut out portions defining blades, said disk-like cutting member and spider being supported between the sections of the hub, the rear cutting edges of the blades of the cutting member being curved outwardly and having their outer edges beveled to provide cutting surfaces, bolts passing through the hub sections, spider and disk-like cutting member to removably secure the spider, cutting member and hub sections together, said hub sections having extensions providing bearings, said chopper having a central opening, and a shaft extended through the opening and on which the chopper rotates.

1,625,088. GRAIN SEPARATOR. HAAKON MJOLANESS, Chaffee, N. Dak. Filed Apr. 12, 1923. Serial No. 631,601. 6 Claims. (Cl. 209—95.)

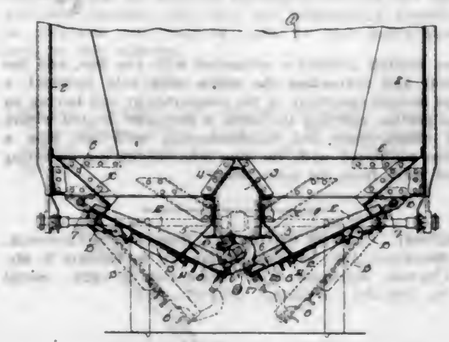
1. A grain separator comprising a cylinder, a conveyor within said cylinder coaxially mounted relative thereto,

spiders for supporting said cylinder and conveyor at one end, said cylinder and conveyor being adapted to dis-



charge through said spiders, and means for separating the tailings from said cylinder and discharge from said conveyor as the same passes through said spiders.

1,625,089. DUMP-CAR-CONTROL MECHANISM. WILLIAM E. MORRY, Chicago, Ill., assignor to Rodger Ballast Car Company, Chicago, Ill., a Corporation of Maine. Filed Nov. 10, 1923. Serial No. 673,876. 5 Claims. (Cl. 105—251.)



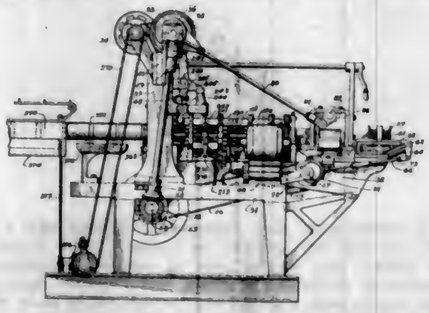
1. In dumping mechanism, in combination, a swinging dump door, a member for moving same to closed position, said member being pivotally connected to said door adjacent to the swinging edge thereof at a position adjacent to which lading is likely to pass in the dumping operation of said mechanism, said member and said door being provided with cooperating guard members operative at all relative positions of said member and said door to keep lading at a relatively great distance from the region of pivotal connection of said member to said door.

1,625,090. MANUFACTURE OF STRAWBOARD. MARY E. PENNINGTON, St. Davids, Pa., and ALEX BROOKING DAVIS, Cincinnati, Ohio. Filed Apr. 18, 1925. Serial No. 24,273. 15 Claims. (Cl. 92—3.)

1. Strawboard comprising disintegrated new straw disinfected and steam distilled, the strawboard being inodorous and sterile.

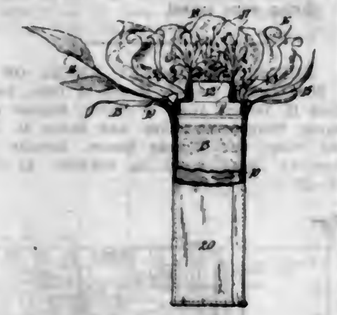
1,625,091. CAN-BODY-MAKING MACHINE. JOHN F. PETERS, Rochester, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 10, 1922. Serial No. 599,991. 55 Claims. (Cl. 113—11.)

1. A machine for making can bodies, comprising a forming horn, means for arranging body blanks in horizontal position adjacent said horn, feed rolls mounted beneath the horn and in position to receive an end of the blank, means moving the blank to the under side



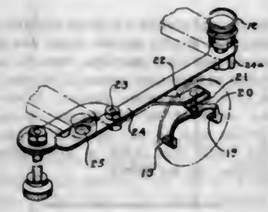
of the horn and between said rolls, and a guide or bending member against which the blank is progressively forced to bend it to the shape of the horn.

1,625,092. TOILET POWDER SHAKER. ETHEL A. POILLON, Brooklyn, N. Y. Filed Nov. 19, 1926. Serial No. 149,899. 7 Claims. (Cl. 41—14.)



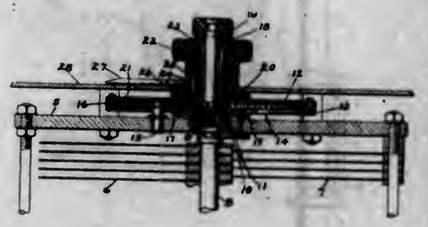
1. A toilet powder shaker comprising a perforated container and openwork ornamentation covering and concealing the perforated portion of said container but through which the powder may be sifted.

1,625,093. SPEED-CONTROL MECHANISM. JOHN E. RENHOLDT, Stratford, Conn., assignor to Dictaphone Corporation, Bridgeport, Conn., a Corporation of New York. Filed May 29, 1924. Serial No. 716,674. 9 Claims. (Cl. 188—187.)



1. A speed-controlling mechanism comprising a supporting-plate; a governor brake device; means for shifting the governor brake device; and means for securing said shifting means to said supporting-plate; and means for securing said plate to a motor-frame.

1,625,094. ELECTRIC CONDENSER. HUGH E. REPPERT, Washington, D. C. Filed June 24, 1922. Serial No. 570,735. 1 Claim. (Cl. 74—7.)



In a control mechanism for adjusting the rotor plates about the axis of the rotor shaft of a condenser, consisting of a housing, means rigidly affixed thereto for directly rotating the housing, and means for rigidly affixing the housing to the rotor shaft, the combination of an annular gear race within the housing and rigidly affixed thereto, a gear fixed at a distance from the shaft of the condenser and enmeshed with the gear race with its axis of rotation parallel to the axis of rotation of the shaft, a spindle extending through the housing, a gear upon the end of the spindle and enmeshed with the fixed gear and means upon the outer end of the spindle for imparting rotation to the spindle, housing and shaft of the rotor plates for slow movement of rotation of the rotor plates of the condenser.

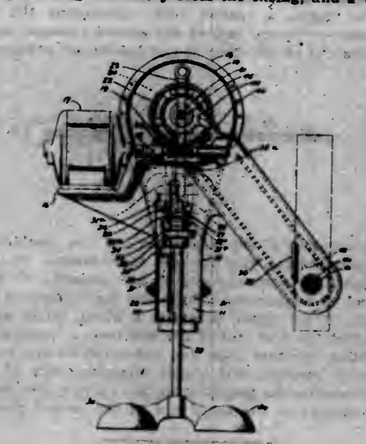
1,625,095. FIBER PACKING. CLEMENT REETZIN, Hatboro, Pa. Filed Nov. 4, 1922. Serial No. 599,164. 2 Claims. (Cl. 154—45.5.)



2. A generally rectangular duck and rubber packing having two series of parallel layers of duck and the parallel layers in the respective series being disposed in angular relation to present some of the converging ends of the layers at one flat bearing surface of the packing and the other flat bearing surface of the packing being provided with an open groove common to each series of layers and narrower than the last mentioned face and adapted to afford space for crowding.

1,625,096. WASHING MACHINE. HOWARD W. ROUTSON, Oakland, Calif., assignor, by mesne assignments, to Minimax Utilities Corporation, a Corporation of California. Filed Oct. 7, 1925. Serial No. 60,987. 4 Claims. (Cl. 74—14.)

1. A washing machine comprising a casing adapted to be arranged in a vertical position and secured against an upright support, a motor supported thereby, a worm journalled in the casing and connected with the motor, a gear journalled in the casing and in mesh with the worm, a cross-head disposed below the gear and reciprocably connected to the casing and guided thereby for vertical reciprocation, a connecting rod connected to said cross-head and to an eccentric point on said gear whereby rotation of the gear will vertically reciprocate the cross-head, said cross-head having a lateral extension projecting outwardly from the casing, and a vertical-



ly reciprocable member connected with said lateral extension whereby reciprocation of the cross-head will vertically reciprocate said member.

1,625,097. AIR PUMP. WALTER J. RUDOLPH, Chicago, Ill., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 23, 1921. Serial No. 517,208. 3 Claims. (Cl. 230—27.)



1. In a pump, the combination with a barrel, of a piston rod reciprocable therein, a handle, a spring fork carried by the handle with apertures in the fork, a pin secured transversely in the end of the piston rod and entering the apertures, and means for securing the fork in alignment with the piston rod.

1,625,098. ATOMIZING CLEANER. WALTER J. RUDOLPH, Chicago, Ill., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 23, 1922. Serial No. 531,803. 5 Claims. (Cl. 299—140.)

1. In a device of the class described, the combination with a body having two passages therethrough, of a fine tube connecting with one end of one passage, the other end of which is provided with means for connecting it

to a supply of air under pressure, said means comprising a nipple adapted to co-operate with an air chuck and a thumb screw which can be used to force the air chuck upon the nipple, a coarser tube surrounding the first and connected to one end of the second passage, and a tube connected to the other end of the second passage.



4. In a device of the class described, the combination with a body having two passages therethrough, of a fine tube connecting with one end of one passage, the other end of which is provided with means for connecting it to a supply of air under pressure, a short coiled spring surrounding the free end of the fine tube, a coarser tube surrounding the first tube and connected to one end of the second passage, said spring engaging both of said tubes to center the fine tube in the coarser one, and a tube connected to the other end of the second passage.

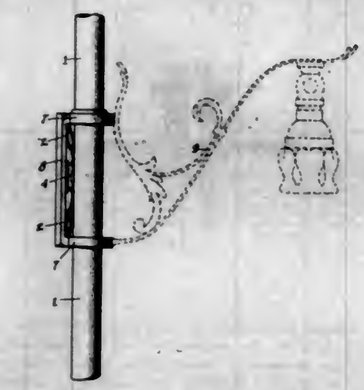
1,625,099. PUMP. WALTER J. RUDOLPH, Chicago, Ill., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Original application filed Nov. 23, 1921, Serial No. 517,208. Divided and this application filed Dec. 20, 1924. Serial No. 757,224. 3 Claims. (Cl. 230—27.)



1. In a valved piston construction, the combination with an integral piston rod having a hollow lower end and two shoulders of different diameters on said hollow portion formed by twice reducing the diameter of the piston rod, and a packing disc against each shoulder, the lower disc secured in place by swaging the metal below it, and the valve outlet from the hollow end adjacent the upper shoulder, of a sleeve sliding between the packing discs, and a piston secured to the sleeve.

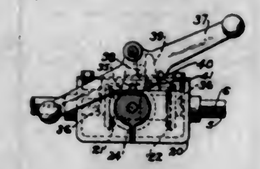
1,625,100. LAMP SUPPORT. RICHARD M. RUNOS, Meriden, Conn., assignor, by mesne assignments, to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Feb. 27, 1924. Serial No. 695,487. 2 Claims. (Cl. 248—7.)

1. An adjustable lamp support comprising a post, a member encircling the post and slidable thereon, a lamp bracket attached thereto, and a vertical spring lying between the sliding member and the post and provided with horizontal arms extending beyond the post adapted



to release the spring pressure when bent backward to permit the sliding member and bracket to move freely on the post.

1,625,101. WRINGER ATTACHMENT. FRANK B. SCHUYLER, Berkeley, Calif., assignor to Johnson Washer Company, Oakland, Calif., a Corporation of California. Filed Oct. 2, 1924. Serial No. 741,142. 2 Claims. (Cl. 68—3.2.)

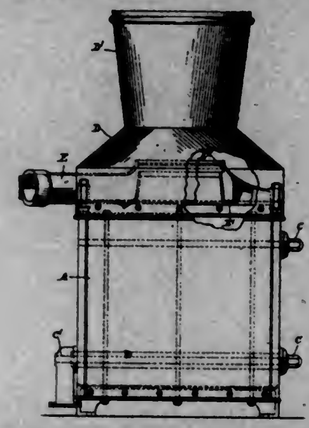


1. A clothes wringer and driving and supporting mechanism therefor comprising a frame, a main shaft extending from end to end of the frame and journalled therein, a gear transmission case slidably mounted on said shaft, a clothes wringer secured to said gear transmission case, said transmission case and clothes wringer being movable from end to end of the shaft, wringing rollers in the wringer, a pair of interspaced bevel gears splined on the main shaft and disposed within the transmission case, a bevel gear secured to a shaft carrying one of the wringer rolls, said bevel gears being also disposed within the transmission case, a sliding cover on the transmission case, lugs on said cover engaging the pair of bevel gears, and means for transmitting movement to the cover and the gears to shift the same either to a neutral position with relation to the single bevel gear, or to a position where one or another of the pair of bevel gears will intermesh therewith.

1,625,102. EXHAUST NOZZLE AND ASSEMBLY. JOHN A. SECOR, La Porte, Ind., assignor to Advance-Rumely Company, La Porte, Ind., a Corporation of Indiana. Original application filed Apr. 12, 1922, Serial No. 552,019. Divided and this application filed Dec. 11, 1922. Serial No. 606,175. 5 Claims. (Cl. 123—174.)

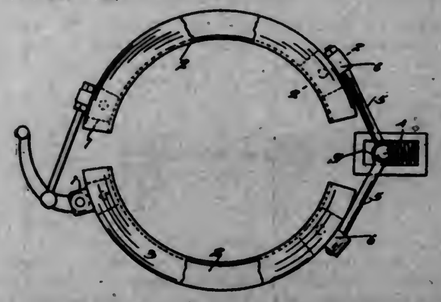
1. In combination with a radiator a casing enclosing the same, said casing open at its top and bottom and means for positively drawing air in at the bottom of said casing and through said radiator and for forcing the same out at the top of the casing, said means comprising a combined muffler and ejector, said muffler of

generally annular plan and provided with a single annular outlet port extending about said muffler, said means adapted to receive the exhaust gases from an internal



combustion engine and a connection from said engine entering said muffler in a plane generally at a right angle to the plane of such annular outlet port.

1,625,103. V-SECTION BANDLESS BRAKE. FREDERICK W. SMITH, Whittier, Calif. Filed Dec. 8, 1924, Serial No. 754,576. Renewed Feb. 28, 1927. 3 Claims. (Cl. 188—74.)



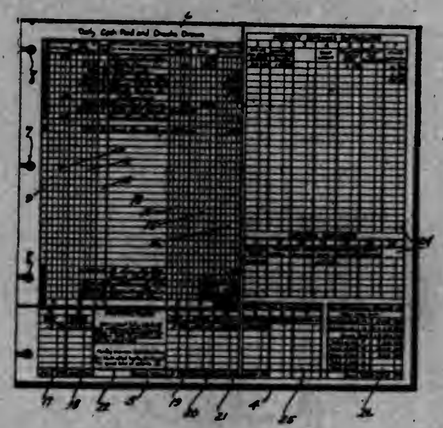
1. A bandless brake-shoe assembly including a set of arcuate, sheet-metal elements which are each bent to a V-section transversely and whose ends are provided with mounts in the hollows of the shoes, whereby the shoes are connected in train for circumferential tension when applied to a drum.

1,625,104. SNAP FASTENER. HENRY SPENGLER, New York, N. Y. Filed Apr. 19, 1921, Serial No. 462,516. Renewed Aug. 16, 1926. 5 Claims. (Cl. 24—216.)



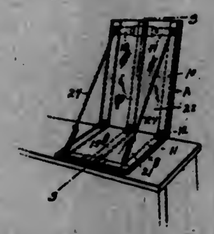
1. A snap fastening comprising companion members, one having curled-over spring holding fingers at the rim thereof and the other having an angularly outstanding flange to be marginally forced between the spring fingers and peripherally engage behind the curled-over terminals thereof.

1,625,105. DOUBLE-ENTRY AND TRIAL-BALANCE BOOK. FRANK H. STERLING, Minneapolis, Minn. Filed Sept. 15, 1922. Serial No. 588,345. 3 Claims. (Cl. 283—63.)



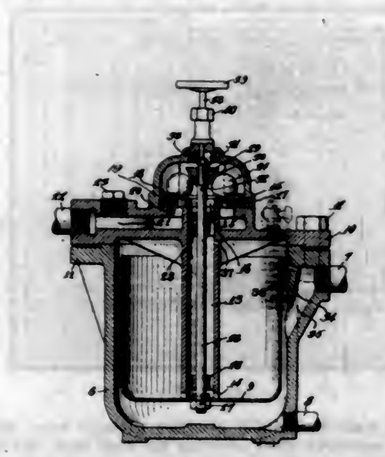
1. A book of the kind described having a main sheet, and a secondary sheet overlying the main sheet and terminating short of the bottom and one side thereof, said secondary sheet having a vertical memorandum column appropriately designated and a vertical figure column appropriately designated, said main sheet having a vertical figure column appropriately designated that is aligned with the vertical figure column on the secondary sheet, said main sheet having at one side of the secondary sheet upper and lower distributing columns appropriately designated for items entered on the secondary sheet.

1,625,106. FOLDING BACK-REST. JOSEPHINE W. SULLIVAN, New York, N. Y. Filed Apr. 23, 1924. Serial No. 708,340. 2 Claims. (Cl. 155—131.)



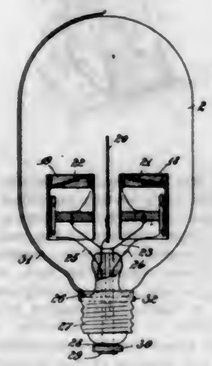
1. A combined seat and back rest having a seat section and a back section, each section including a pair of side frame members and an intermediate frame member parallel thereto, each frame member of the back section being hinged to the corresponding frame member of the seat section, flexible means connecting each side member of the seat section to the corresponding side member of the back section to limit the swinging of one section in respect to the other, a fabric covering having pockets within which said frame members are positioned, whereby the fabric limits the spacing of the members but permits the seat section and the back section to be rolled up with the two sections in superposed relationship, and a plurality of members outside of said covering and adapted to extend from one side frame member to the other to hold said side frame members in spaced relationship and to support said intermediate frame member or to lie parallel to said frame members, and permit said rolling of said covering

1,625,107. HAMMER-BLOW STEAM TRAP. CHARLES H. THOMPSON, Philadelphia, Pa., assignor to Yarnall-Waring Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 6, 1924. Serial No. 711,344. 3 Claims. (Cl. 137—103.)



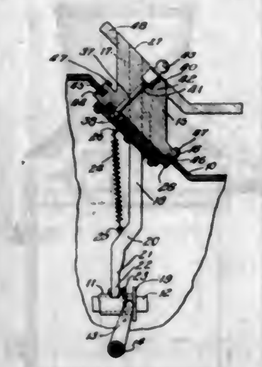
1. In a steam trap for intermittent discharge, a trap bucket, a compartment therefor, a plurality of independent discharge valves, a valve operating member common to all the valves and in simultaneous contact therewith, and a second member loosely connected with the first and operative to strike the first a hammer blow as the trap is filling to open the discharge valves.

1,625,108. FLASH-LIGHT LAMP. PAUL VIERKÖTTER, Munich, Germany. Filed Dec. 29, 1926, Serial No. 157,844, and in Germany Aug. 15, 1925. 13 Claims. (Cl. 67—31.)



1. A flash-light lamp, comprising, in combination, a hollow, transparent body which is at least partially evacuated, a carrier for a flash-light charge enclosed in said body, and means for exploding said charge within the said body.

1,625,109. AUTOMOBILE LOCK. FRANK P. VOOT and EDWARD C. DORN, Chicago, Ill. Filed Dec. 2, 1921. Serial No. 519,316. 8 Claims. (Cl. 70—90.)



1. In an automobile, a clutch for transmitting driving power, a casing for said clutch, means for releasing said clutch, locking means mounted on said casing and adapted to lock said clutch releasing means with said clutch in released position, and means normally out of engagement with the casing and adapted to be operated by said locking means to lock said locking means to said casing when said clutch releasing means is locked.

1,625,110. BOTTLE CLOSURE. WALLACE M. WEEKS, Skaneateles, N. Y., assignor of one-half to John A. Pease, Skaneateles, N. Y. Filed Aug. 7, 1926. Serial No. 127,869. 1 Claim. (Cl. 215—38.)

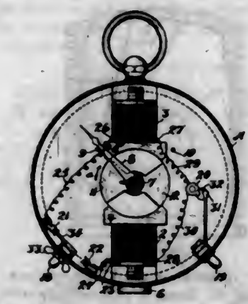


A bottle closure comprising a thin and freely flexible member of uniform diameter throughout having a central substantially flat portion and a curved annular portion formed to overlie the bead of a bottle mouth, a disk underlying the central portion of the member and being formed to seat on the ledge of the bottle mouth, said disk being stiff and of greater thickness than that of the body and means to secure the disk to the central portion of the member with the entire area of the disk in intimate contact therewith and at points throughout and adjacent to the periphery of the disk consisting of a series of staples arranged in circular formation and disposed spaced from the center of the disk and adjacent the periphery thereof whereby upon lifting of the curved annular portion of the member, the disk will be lifted from the ledge by power applied at a point adjacent to the disk periphery thereby to prevent tearing or distortion of the disk.

1,625,111. UNIVERSAL ELECTRIC TESTING INSTRUMENT. EMILE WEINAUG and REGINALD L. MACFARLANE, San Francisco, Calif., assignors, by direct and mesne assignments, of one-half to Joseph Silven and one-half to Walter E. Waechtler, San Francisco, Calif. Filed Mar. 14, 1922. Serial No. 543,687. 3 Claims. (Cl. 175—183.)

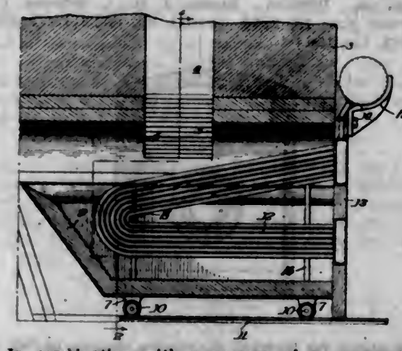
1. In an instrument of the character described, a casing, a pair of opposed magnets mounted therein, one having a fine and the other a coarse wire winding, a core in each magnet, the core of one magnet extending

beyond the casing, an armature pivotally disposed between the cores of the magnets and actuated thereby, a pointer movable in unison with said armature, an index



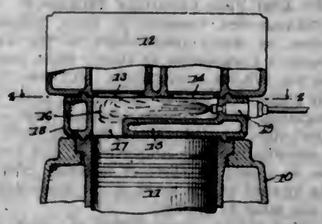
and a volt, ampere, and a magnet strength indicating scale on said index over which the pointer is movable to indicate either voltage, amperage or magnetic strength.

1,625,112. WASTE-HEAT BOILER FOR REGENERATIVE FURNACES. BRADLEY P. WHEELER, Duluth, Minn. Filed June 17, 1921. Serial No. 478,268. 5 Claims. (Cl. 122—7.)



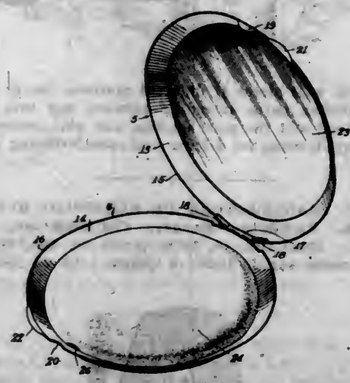
1. In combination with a passage of a regenerative furnace, a truck and a waste heat boiler located in said passage, which passage is adapted for transmission of heated incoming and outgoing gases, said truck supporting said boiler and serving as a removable bottom for a portion of said passage.

1,625,113. OIL ENGINE. OTTO A. BANNER, Milwaukee, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 17, 1922. Serial No. 544,414. 4 Claims. (Cl. 123—32.)



1. In an internal combustion engine the combination of a cylinder having an elongated chamber extending transversely thereof, intake and exhaust valves in one wall of said chamber, a restricted passage through the opposite wall of said chamber at one end thereof, means for cooling the walls of said chamber, and means at the other end of said chamber for directing a fuel spray extending longitudinally thereof.

1,625,114. COMPACT CASE. CHARLES N. CORYELL, New York, N. Y. Filed Apr. 26, 1926. Serial No. 104,511. 8 Claims. (Cl. 132—83.)



1. A compact case comprising a cup, a lid hinged thereto, said lid having an annular recess means to secure the lid to the cup, a mirror permanently fastened in the recess of said lid, said fastening means being integral, a notched compact body removably engaged in said cup, and means to release said compact body therefrom.

1,625,115. PENHOLDER. MIKE FALCO, Canonsburg, Pa. Filed July 1, 1926. Serial No. 119,920. 3 Claims. (Cl. 120—101.)

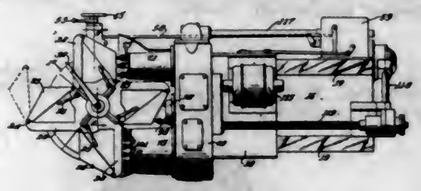


1. A pen holder provided at its outer end with a reduced extension formed with a longitudinal groove, and a circumferential groove, a metal ferrule fitted on said extension and provided with a longitudinal rib fitted in the longitudinal groove and a circumferential rib fitting into the circumferential groove, the outer end portion of said ferrule being pressed to form a seat for reception of the shank of a pen, a sleeve mounted for rotation upon said ferrule, said sleeve having one half portion cut away to provide an elongated notch opening through the outer end of the sleeve, said notch serving to release said pen when it is aligned with the shank of the pen.

1,625,116. MULTIPLE-TOOL-SPINDLE MACHINE. SAMUEL W. FISH, Rockford, Ill., assignor to The Ingersoll Milling Machine Company, Rockford, Ill., a Corporation of Illinois. Filed Aug. 28, 1922. Serial No. 584,738. 10 Claims. (Cl. 77—23.)

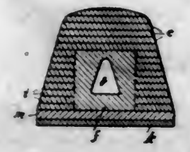
1. A multiple-spindle metal-working machine comprising, in combination, a work-carrier adatped to carry work-pieces in circumferentially spaced relation and to be indexed for moving the work-pieces from station to station, a tool-carrier adapted to travel back and forth in a plane at right angles to the index axis of the work-carrier and having a gear housing the front wall of

which faces the work-carrier in a plane at right angles to the travel of the tool-carrier, a plurality of spindle heads detachably mounted on said front wall in align-



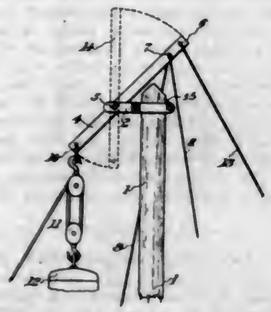
ment with work-pieces at different stations, one or more spindle-driving parts extending between and into each spindle head and the gear housing, and gear mechanism within said housing for driving said spindle-driving parts.

1,625,117. MANUFACTURE OF SEMISOLID RUBBER TIRES. REINHOLD GOLLEAT, Charlottenburg, Germany. Filed Dec. 14, 1926, Serial No. 154,797, and in Germany Aug. 5, 1925. 9 Claims. (Cl. 18—55.)



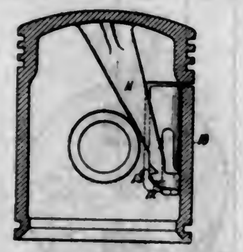
1. A method of manufacturing semi-solid tires which consists in forming a rubber body with a totally enclosed hollow space therein, filling said hollow space with a lump-free powdered mass, and forming said rubber body with its enclosed powdered mass into a ring, so that the resultant rubber body is adapted to be vulcanized to the felly of a wheel, preferably over the whole peripheral surface thereof, the powdered mass constituting the core being afterwards withdrawn through small holes.

1,625,118. LINEMAN'S LIFTING AND HOISTING DEVICE. SIMON P. GRANT, New Westminster, British Columbia, Canada. Filed Oct. 1, 1926. Serial No. 138,891. 3 Claims. (Cl. 254—139.)



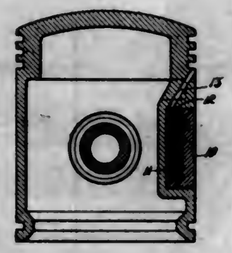
1. In a lineman's pole hoisting device of the character described the combination comprising, a clamping member adapted to encircle a post, said member having a radial projection, said projection being forked at its extremity, said fork being spanned by a fulcrum pin, a lever of the first order pivoted on said pin, a hauling cable attached to one extremity of said lever, and a block and tackle attached to the other.

1,625,119. PISTON. ELBERT J. HALL, Berkeley, Calif. Filed Apr. 18, 1923. Serial No. 632,918. 1 Claim. (Cl. 74—108.)



A piston for internal combustion engines having its skirt portion cut to form a tongue extending over approximately one-third the circumference of the piston and means automatically responsive to changes in the temperature of the piston to cause the tongue to be projected when the engine is relatively cool and to be retracted when the piston becomes heated, said tongue being cut inwardly at each side of its anchored end to form at each side a wing portion whose upper and lower ends are free to move.

1,625,120. PISTON. ELBERT J. HALL, Berkeley, Calif. Filed Apr. 18, 1923. Serial No. 632,914. 1 Claim. (Cl. 74—108.)



A piston for internal combustion engines having near its upper portion a groove for retaining a scraper ring, a movable segmental portion forming part of the piston skirt, a chamber to contain oil arranged between the segmental portion and the wall of the piston, and a duct leading from said chamber to the outside of the piston adjacent the scraper ring groove, whereby oil scraped by the ring will be admitted to the chamber for the purpose of forming a check against inward movement of the segmental portion.

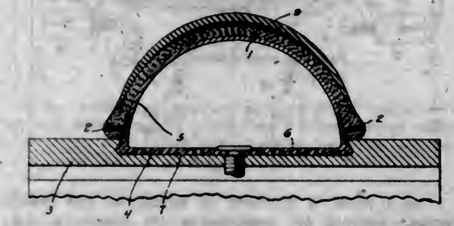
1,625,121. METHOD OF TREATING AND PREPARING YEAST AND THE PRODUCT THEREOF. FRANK M. HILDEBRANDT and CHARLES N. FREY, Pittsburgh, Pa., assignors, by mesne assignments, to The Fleischmann Company, a Corporation of Ohio. Filed June 4, 1921. Serial No. 475,161. 10 Claims. (Cl. 99—10.)

1. The steps of a method of treating yeast subsequent to propagation, which comprise causing yeast to pass into a dormant state by surrounding the cells with a coating having osmotically-acting properties of such strength that it tends so slowly to abstract moisture from the cells that the vitality of the yeast is not destroyed, and subjecting the mass to drying.

8. A dried bakers' yeast product in which a majority of the yeast cells present are adapted to retain their viability when preserved at ordinary atmospheric temperatures for a period of at least one month, and which

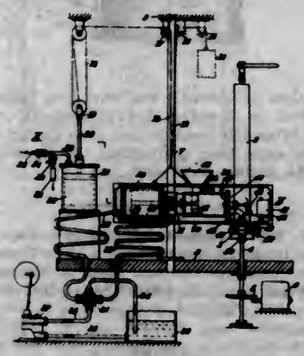
has been prepared by causing bakers' yeast to pass into a dormant state by surrounding the cells with a coating having osmotically-acting properties of such strength that it tends slowly to abstract moisture from the cells, mixing therewith a solid insoluble absorbent filler, and drying the mass under normal pressure at low temperature conditions.

1,625,122. PROCESS OF MANUFACTURING TIRE CASINGS FOR MOTOR VEHICLES. ERNEST HOPKINSON, New York, and WILLIAM J. STEINLE, Flushing, N. Y.; said Steinle assignor to The Hartford Rubber Works Company, Hartford, Conn., a Corporation of Connecticut. Filed Nov. 15, 1922. Serial No. 601,009. 9 Claims. (Cl. 154—14.)



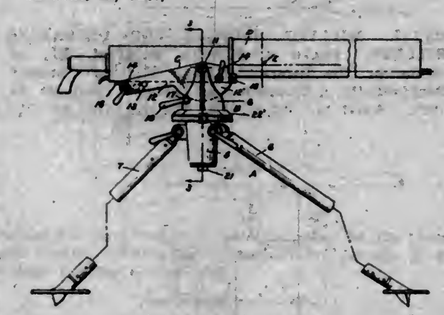
1. A method of manufacturing tire casings for motor vehicles which consists in, making a substantially flat band of strain-resisting-elements and rubber composition, partially forming the band to tire shape, applying a tread of vulcanizable rubber composition to the band to hold it partly shaped, further forming the band substantially to tire shape and mounting it on an annular support, and finally vulcanizing the casing on the annular support.

1,625,123. DEVICE FOR THE PRODUCTION OF CONCRETE PIPES AND ESPECIALLY FOR DEVICES FOR APPLYING THE CONCRETE. ALPHONS HORTEN, Berlin-Wilmersdorf, Germany. Filed June 29, 1926, Serial No. 119,500, and in Germany Sept. 24, 1925. 7 Claims. (Cl. 25—30.)



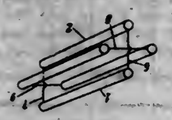
1. A device for the production of concrete pipes comprising a substantially cylindrical form, means for rotating the said form, a centrifugal wheel, means for rotating the wheel, means for carrying concrete in a uniformly finely divided condition to the periphery of the said centrifugal wheel, vanes at the periphery of the said wheel, means for rotatably supporting the wheel in the neighborhood of the axis of the said form and means for imparting a reciprocating movement to the said wheel and its cooperating parts in a direction parallel to the axis of the said form.

1,625,124. MOUNT FOR MACHINE GUNS. THOMAS M. JERVEY, Aberdeen, Md., and SAMUEL G. GREEN, Gray, Ga. Filed Oct. 9, 1925. Serial No. 61,615. 19 Claims. (Cl. 89—40.) (Granted under the act of Mar. 3, 1883. 22 Stat. L., 625.)



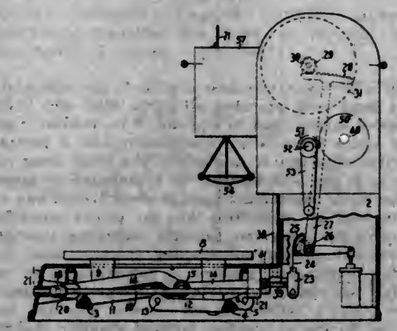
19. A tripod including a standard, a cradle trunnioned in the standard and means for securing a gun in said cradle whereby the center of gravity of the gun will be forward of the trunnion axis and the trunnion axis will lie above the axis of the bore of the gun.

1,625,125. ELECTRICAL CONDUCTOR. MARIUS LATOUR, Paris, France, assignor to Latour Corporation, Jersey City, N. J., a Corporation of Delaware. Filed Aug. 19, 1921, Serial No. 493,667, and in France Feb. 22, 1916. 3 Claims. (Cl. 173—81.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. A pair of electrical conductors for use in a circuit, each conductor consisting of two wires connected in multiple at their ends, the plane of one pair of wires being perpendicular to the plane of the other pair.

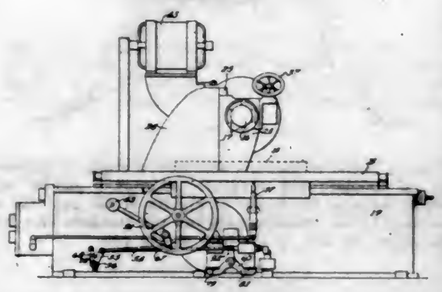
1,625,126. COUNTING SCALE. EDWARD B. LOCKE, Dayton, Ohio, assignor, by mesne assignments, to The Watson Experimental Laboratory Company, Dayton, Ohio, a Corporation of Ohio. Filed Mar. 25, 1922. Serial No. 546,657. 44 Claims. (Cl. 265—37.)



1. The combination with weighing mechanism, a counting device operatively connected with said weighing mechanism, and means for adjusting said weighing

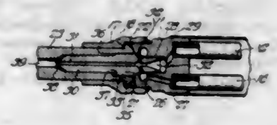
mechanism to vary its influence on said counting device, of weight operated means to control the adjustment of said weighing mechanism according to the unit weight of the articles to be counted.

1,625,127. MILLING MACHINE FOR DESEAMING BILLETS. FRANK J. MALONE, Rockford, Ill., assignor to The Ingersoll Milling Machine Company, Rockford, Ill., a Corporation of Illinois. Filed Oct. 21, 1922. Serial No. 595,957. 17 Claims. (Cl. 90—21.)



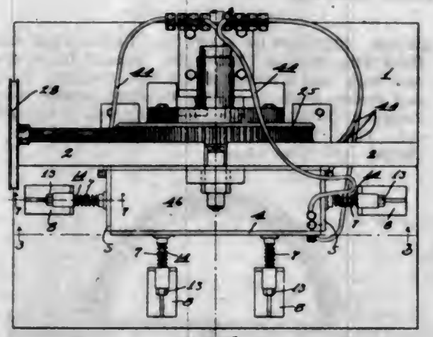
1. In a machine for de-seaming billets and the like, the combination with a reciprocable work table, and a milling cutter, of mechanism for propelling the work table at rapid approach and reverse speeds and feed speeds, means for feeding the cutter into the work, and means for rendering said last mentioned means inoperative at all times except when the feed speed of said table propelling mechanism is engaged.

1,625,128. WELDING TORCH. ROBERT D. MCINTOSH, Chicago, Ill., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 2, 1925. Serial No. 72,699. 5 Claims. (Cl. 158—274.)



5. In a device of the class described, the combination with a head piece provided with two inlets and having a threaded exterior and in one end of its interior a seat within which there is an enlargement and a threaded connection with one of said inlets, the other being connected with the enlargement, of a plurality of nipples each having a longitudinal passage therethrough and one end threaded to be screwed into the thread connection and having fine transverse passages registering exteriorly with the enlargement and opening at their inner ends into the longitudinal passage, a tubular member surrounding the nipple and having its flange end engaging the seat, and a connecting nut screwed onto the head piece and having an annular internal shoulder engaging the flange of the tubular member, said nipples having their passage of different sizes for different sized flames and adapted to be connected one at a time in the head piece, substantially as and for the purpose described.

1,625,129. APPARATUS FOR PRESSING CHEESE. JULIUS R. MEYERS, Evanston, Ill., assignor of one-half to C. A. Straubel Company, Green Bay, Wis., a Corporation of Wisconsin. Filed Aug. 1, 1921. Serial No. 488,869. 7 Claims. (Cl. 100—57.)



7. In a press, a plurality of adjustable and heated elements adapted for compressing the cheese, a compression head adapted for reciprocation between said elements, a swingable bottom for the press, and operating mechanism for reciprocating said head, adjusting said elements and controlling said swingable bottom.

1,625,130. METHOD OF MAKING, CURING, AND SHIPPING CHEESE IN METAL BANDAGES. JULIUS R. MEYERS, Evanston, Ill., assignor to C. A. Straubel Company, Green Bay, Wis., a Corporation of Wisconsin. Filed Aug. 7, 1922. Serial No. 580,005. 1 Claim. (Cl. 31—88.)

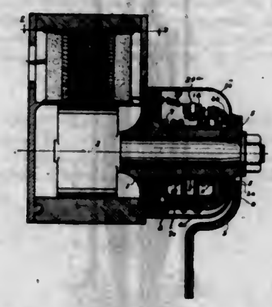
The method of forming and curing a cheese, which consists first in forming and compressing the curds within an adjustable bandage, and then curing the cheese and at the same time contracting the bandage to conform to the shrinkage thereof.

1,625,131. DIE. GEORGE LEE MILLER, Canton, Ohio, assignor, by mesne assignments, to The Timken Roller Bearing Company, Canton, Ohio, a Corporation of Ohio. Filed Jan. 26, 1924. Serial No. 688,699. 3 Claims. (Cl. 78—81.)



1. The method of beveling the edges of the ribs of a slotted roller bearing cage, which consists in placing the cage over an expansible die having beveled portions registering with the slots in the cage and expanding said die to bevel the edges of all of said ribs in a single operation by forcing the beveled portions of the die into the slots of the cage.

1,625,132. OSCILLATING DEVICE. JOHN LEWIS MILTON, Louisville, Ky. Filed Mar. 10, 1924. Serial No. 698,133. 15 Claims. (Cl. 123—149.)

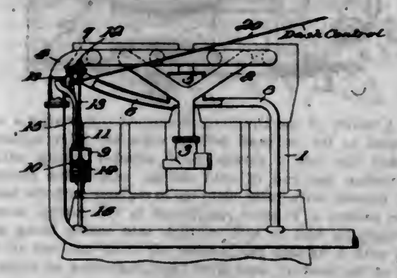


6. An oscillating mechanism comprising fixed, driving and driven members and two torsion springs which actuate the mechanism and arrest the movable members to a predetermined position.

1,625,133. FUEL AND PROCESS OF MAKING SAME. THOMAS B. MOHLER, Burlingame, Calif. Filed Aug. 23, 1922. Serial No. 583,906. 8 Claims. (Cl. 44—14.)

1. A fuel comprising spent tan liquor and organic matter in which the spent tan liquor and organic matter are pre-treated separately before and collectively after admixture.

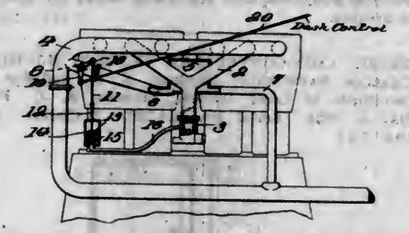
1,625,134. AUTOMATIC CHARGE-HEATING CONTROL FOR INTERNAL-COMBUSTION ENGINES. DONALD PLUMMER MOLONY, Flint, Mich., assignor to Marvel Carbureter Company, Flint, Mich., a Corporation of Indiana. Filed Oct. 23, 1919. Serial No. 332,702. 7 Claims. (Cl. 123—122.)



2. An internal combustion engine having an exhaust pipe, intake manifold and carbureter connected thereto, a heater arranged to heat the charge in its passage from the carbureter to the engine, means for controlling the admission of exhaust gases to said heater and means located outside of the exhaust pipe actuated by the velocity of the heating fluid for actuating said heating fluid controlling means.

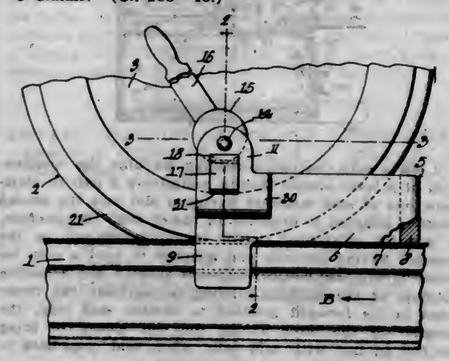
1,625,135. AUTOMATIC CHARGE-HEATING CONTROL FOR INTERNAL-COMBUSTION ENGINES. DONALD PLUMMER MOLONY, Flint, Mich., assignor to Marvel Carbureter Company, Flint, Mich., a Corporation of Indiana. Filed Oct. 23, 1919. Serial No. 332,703. 9 Claims. (Cl. 123—122.)

6. An internal combustion engine having an exhaust pipe, intake manifold and charge forming device connected thereto, a heater for heating the charge delivered to the engine, said heater having inlet and outlet pipes connected to the exhaust pipe, a valve for controlling the passage of exhaust gases through said heater and



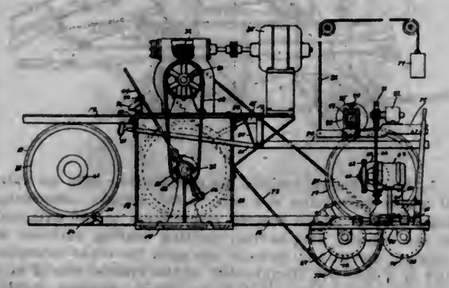
means for actuating said valve controlled by the changing vacuum existing in the carbureting passage of the charge forming device.

1,625,136. CAR-WHEEL CLAMP. ED MULLINS, Cincinnati, Ohio, and OSCAR B. MULLINS, South Covington, Ky., assignors of one-fourth to Thomas Edwin Mullins and one-fourth to Arch Mullins, South Covington, Ky. Filed Oct. 22, 1926. Serial No. 143,436. 3 Claims. (Cl. 188—45.)



1. A wheel clamp of the class described, comprising a U-shaped body including inner and outer arms, the outer arm being supplied with spaced parts for engaging a wheel and a rail, one of said parts being movable, to bring about a clamping action, the inner arm being a wheel-engaging member which prevents the clamp from moving horizontally out of working position.

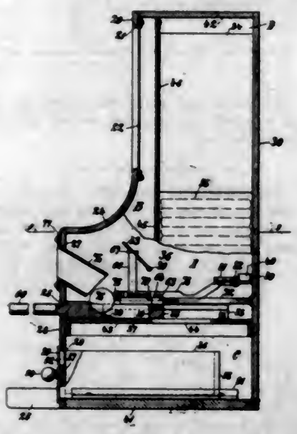
1,625,137. WHEEL-CLEANING DEVICE. DANIEL C. MULVIHILL, Hannibal, Mo. Filed Jan. 19, 1925. Serial No. 3,348. 7 Claims. (Cl. 15—21.)



3. In combination, a pair of tracks for engaging the flange of a car wheel for holding the same in upright position, latch means for holding said wheel in non-

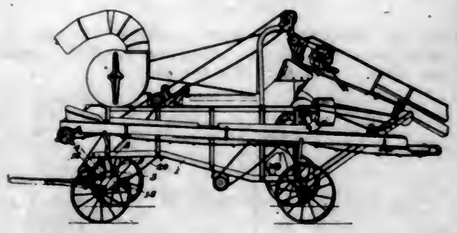
rotatable position on said tracks, a rotating brush at each side of said track for engaging the inner and outer faces of a car wheel, means for moving said brushes to and from each other, and means for rotating said brushes.

1,625,138. COIN-CONTROLLED VENDING MACHINE. CHARLES NADWORNEY, Bayonne, N. J., assignor of two-thirds to Louis Borack, Bayonne, N. J. Filed May 5, 1924. Serial No. 711,136. 3 Claims. (Cl. 194—75.)



1. In a coin controlled vending machine the combination of a lever hinged therein comprising a pair of members, one of said members having a slot and the second member adapted to dispense an object from the machine, a movable cross-head in the machine adjacent to the member having the slot and adapted to hold a coin between it and said member adjacent thereto, and a flexible medium in the machine tending to maintain the cross-head in its forward position to receive said coin, the member of the lever having the slot moved to bring its slot in line with said coin, when said cross-head is moved to the other end of its stroke.

1,625,139. AXLE CONNECTION FOR VEHICLES. LEONARD B. NEIGHBOUR, East Moline, Ill., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Aug. 4, 1921. Serial No. 489,832. 6 Claims. (Cl. 280—126.)



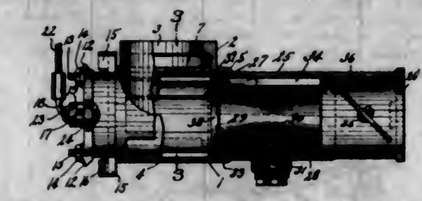
1. In a wheeled vehicle, the combination with an axle, of means connecting the axle to the vehicle, comprising supporting members secured respectively to the axle and to the vehicle, and having coacting bearing surfaces of constant extent and movable one upon the other rotatably and in a direction transversely of the vehicle, one of said supporting members having an oblong tapered socket, and the other having a member extending into said socket and movable therein transversely of the vehicle, and means for holding said members in operative relation to each other.

1,625,140. WELL-TESTING TOOL. CONRAD T. NEITZEL, Dallas, Tex. Filed Feb. 14, 1927. Serial No. 167,910. 6 Claims. (Cl. 166—1.)



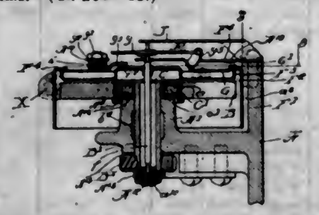
1. A sand testing tool including a body containing a valve head and a sliding valve therein, each having ports adapted to register; a relatively stationary guide for said valve; a conical seating member below said valve and operatively connected therewith; an annular compressible cushion intermediate said valve and seating member to yield to the movement of the latter to register said ports, and means to permit passage of fluid through said ports to be trapped above the valve when closed.

1,625,141. CARBURETOR. EMIL A. NELSON, Halfway, Mich. Filed May 1, 1922. Serial No. 557,608. 3 Claims. (Cl. 261—47.)



1. A device of the character described comprising a casing open at its end and formed with air inlet openings adjacent one end, a rotary valve member fitting within and closing one end of said casing, said valve member being formed with inlet openings to register with the inlets in the casing, a Venturi restriction in the casing, means for supplying fuel to said venturi, said casing being provided with a by-pass for passing air from one end to the other of the venturi, and means for imparting an endwise movement to said valve member to control said by-pass.

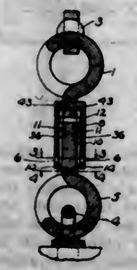
1,625,142. MAGNETIC SPEEDOMETER. JOHN K. OLSEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed July 12, 1922. Serial No. 574,522. 6 Claims. (Cl. 264—13.)



1. In a magnetic speedometer in combination with a rotating magnetic element, a field member extending transaxially with respect to the rotating magnet, and a drag

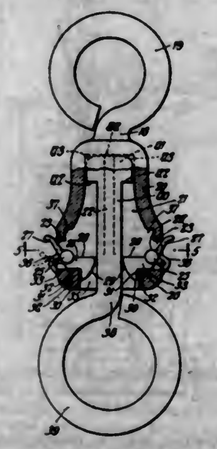
element comprising a web interposed laterally with respect to the magnet between the same and the field member, the drag element being dished to form a two-ply bead opposite a circumferential marginal portion of the magnet, the field member being intruded into the depression formed within and encompassed by the bead whereby the cross-section of the drag element at the zone into which magnetic flux is deflected, is increased.

1,625,143. UNCOUPLING DEVICE. ARTHUR F. O'CONNOR, Chicago, Ill., assignor to Union Railway Equipment Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 31, 1924. Serial No. 703,094. 17 Claims. (Cl. 213—170.)



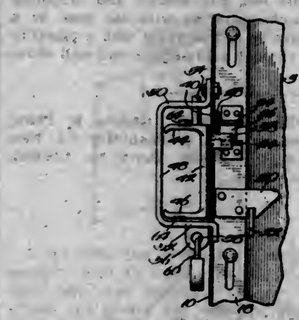
1. In mechanism for coupling and uncoupling cars, the combination with a locking and unlocking device, of separable means adapted to connect said unlocking and locking device to operating mechanism, a flexible abutting means on parts of said separable means provided to restrict motion and to prevent separation of said separable means, rigid abutting means on parts of said separable means, and clamping means provided to make a portion of said flexible abutting means fast to said separable means.

1,625,144. SEPARABLE COUPLER-RELEASE RIGGING. ARTHUR F. O'CONNOR, Chicago, Ill., assignor to Union Railway Equipment Co., Chicago, Ill., a Corporation of Illinois. Filed May 1, 1924. Serial No. 710,289. 11 Claims. (Cl. 213—166.)



1. The combination with an uncoupling lever and a coupler lock of extensible and contractible means connecting said lever and lock comprising a pair of separable members, means for holding said members in assembled relation, and means for moving said holding means out of holding position.

1,625,145. LOCKER LATCH. JOHN B. O'CONNOR, Aurora, Ill., assignor to Lyon Metallic Manufacturing Company, Aurora, Ill., a Corporation of Illinois. Filed Nov. 18, 1925. Serial No. 69,768. 8 Claims. (Cl. 292—188.)



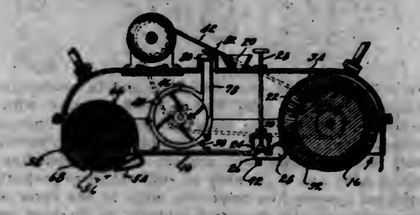
1. In a locker, a latch, a vertically movable latch lifter, a stationary element projecting from the locker door adjacent to the latch lifter and having an aperture, the lifter having an extension projectible through the aperture in the stationary element and adapted to engage a locking device on the opposite side of the stationary element to prevent vertical movement of the lifter.

1,625,146. CUSHION DEVICE FOR AUTOMOBILES. JOSEPH A. O'NEILL, New York, N. Y. Filed Jan. 19, 1926. Serial No. 82,296. 6 Claims. (Cl. 267—35.)



1. The combination with the chassis, springs and axles of an automobile, of cushion devices arranged over the axles and under the body and extending from spring to spring, said devices comprising compressed air drums having end extensions to support the springs, curved end walls and air inflated cushions resting on said axles, and means for maintaining a constant air pressure in said drums.

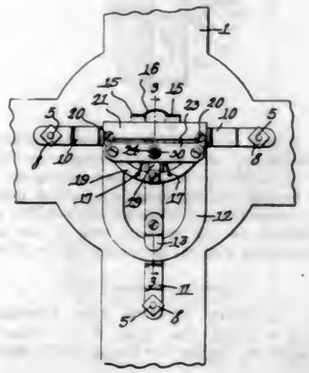
1,625,147. COMBINED SCRUBBING AND VACUUM-CLEANING DEVICE. ANASTAS ONOFRIO, Detroit, Mich. Filed Nov. 21, 1924. Serial No. 751,249. 1 Claim. (Cl. 15—50.)



In a floor cleaning machine, a cleaning fluid tank having an arcuate end wall, a scrubbing brush rotatably supported at the end of the tank in proximity to the arcuate end wall thereof, said end wall terminating at its upper end in a flexible scraper sloping upwardly and engaging

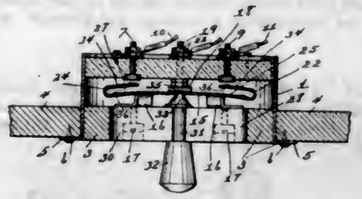
the periphery of the brush during rotation to scrape cleanings therefrom to flow over the scraper into the tank, said end wall terminating at its lower end in a flexible apron sloping downwardly alongside the brush, an independent fluid containing compartment within the tank adjacent to the arcuate end wall thereof and extending alongside the brush communicating with the tank by a valve-controlled passageway and provided with a plurality of discharge openings through said arcuate end wall above the flexible apron.

1,625,148. LOUD-SPEAKER UNIT. GEORGE R. PENN, New York, N. Y., assignor to S. R. Penn Mfg. Co., New York, N. Y. Filed Sept. 30, 1926. Serial No. 138,695. 7 Claims. (Cl. 179—115.)



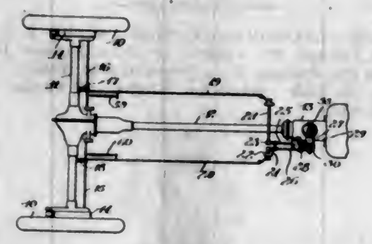
1. A loud speaker unit including a permanent magnet, pole pieces extending from the terminals thereof, coils mounted on the pole pieces, an armature close to but normally spaced from the pole pieces at one side, and an abutment normally engaging the opposite side of the pole pieces for limiting their movement under the pressure of the armature when attracted to the pole pieces.

1,625,149. ELECTRIC SWITCH. JOSEPH A. PETNEL, Troy, N. Y. Filed Apr. 7, 1924. Serial No. 704,681. 1 Claim. (Cl. 200—6.)



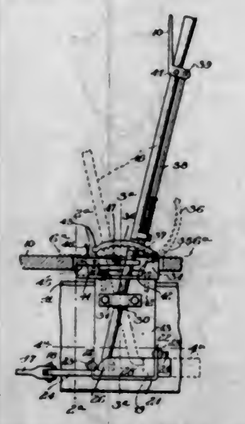
In a device of the class described and in combination, a housing having a base, and a cover provided with a plurality of intersecting slots; a plurality of contacts mounted upon said base; a contact-member mounted within said housing, said contact member including a resilient body and a plurality of resilient arms projecting therefrom opposite the respective slots in the cover and engageable with the respective contacts on the base, each of said arms having a cam-surface, and said body being formed with a depressed seat opposite the point of intersection of said slots; and an actuating member slideable along said slots selectively engageable with said depressed seat, and with the cam surfaces on said arms to cause them to engage the respective contacts on the base, said contact-member and said contacts on the base having means whereby they can be connected in an electric circuit.

1,625,150. BRAKE MECHANISM. FRANK W. PICHÉ, Detroit, Mich. Filed Mar. 5, 1925. Serial No. 13,060. 24 Claims. (Cl. 188—16.)



22. The combination with a vehicle frame having a plurality of traction wheels and brakes therefor, a pivotal support, a pair of levers depending from the support and connected intermediate their ends with said brakes, an operating lever disposed upon the support between said depending levers and adapted both for a pivotal and a lateral rocking movement and arranged to simultaneously or independently engage the lower ends of the depending levers to effect independent or simultaneous operation of the brakes, spring pressed plungers carried by said depending levers on opposite sides of the operating lever to normally maintain the latter in a central position between said depending levers, a ratchet bar disposed beneath said levers, a pawl pivotally disposed upon the operating lever and having projections adapted to prevent locking of the lever in either of its independent operating positions by engagement with the ratchet bar, and an operating member for the pawl operable from a point above said depending levers.

1,625,151. BRAKE MECHANISM FOR VEHICLES. FRANK W. PICHÉ, Detroit, Mich. Filed June 1, 1925. Serial No. 33,954. 24 Claims. (Cl. 188—16.)



23. The combination with a vehicle frame having a pair of traction members and a brake for each of said members, a pair of brake operating members having transversely extending abutments, guiding means for said members permitting longitudinal movement of the same and serving to hold them against lateral movement and a control element for said operating members through which

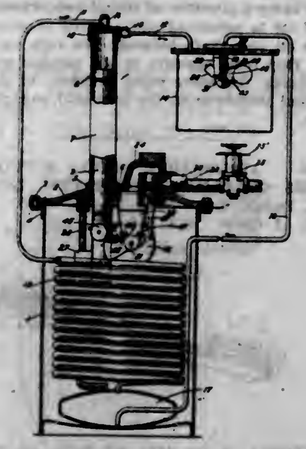
either one is rendered ineffective by movement of said element with respect to said abutments, said element being adapted in one position to engage both abutments to permit simultaneous application of the brakes and being movable from the last mentioned position directly in a single transverse plane in selective operating position with respect to either abutment.

1,625,152. SHIELD FOR CASING-SLIP HANDLES. WILLIAM S. PINE, Ventura, Calif. Filed Mar. 11, 1926. Serial No. 94,102. 2 Claims. (Cl. 294—131.)



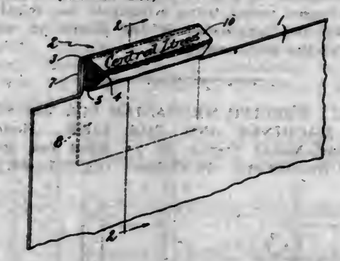
1. In a well drilling apparatus in which slips are used to hold the tools from slipping down the casing when casing joints are broken, the combination of a slip body; a shield comprising a back plate and triangular side plates of heavy sheet metal; a hand bar extending from one side plate to the other side plate and connected to both and spaced from the back plate; and means to connect said shield to said slip body.

1,625,153. PUMP. THOMAS I. POTTER, East Orange, N. J., assignor, by mesne assignments, to Hydro Refrigerator Company, Inc., New York, N. Y., a Corporation of Delaware. Filed Sept. 12, 1922. Serial No. 587,698. 7 Claims. (Cl. 103—52.)



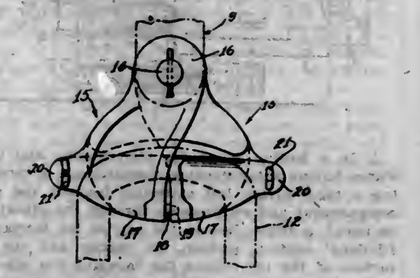
1. A pump including a cylinder communicating at its lower end with a pressure chamber, a piston in the cylinder, and including an extension operable in the pressure chamber, inlet and outlet valves in the head of the piston, means for alternately introducing and relieving pressure in the pressure chamber, whereby the pump piston alternately moves upwardly in the cylinder under pressure, and downwardly in the cylinder gravitationally, and means for mechanically loading the pump piston to regulate the speed of operation of the pump.

1,625,154. INDEX TAB. JAMES H. RAND, North Tonawanda, N. Y., assignor, by mesne assignments, to Rand Kardex Bureau, Inc., Tonawanda, N. Y., a Corporation of Delaware. Filed Mar. 2, 1923. Serial No. 622,411. 5 Claims. (Cl. 40—17.)



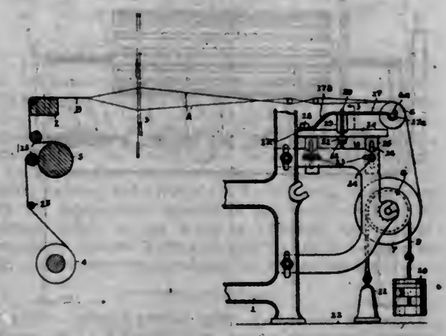
3. An index tab comprising a strip of transparent sheet material bent to form a pocket for the reception of an index slip, one extremity of said strip being disposed within the pocket and constituting a retaining element for holding the index slip in contact with an inner wall of the pocket.

1,625,155. CABLE HOOK. JAMES P. RATIGAN, Walnut Park, Calif. Filed Nov. 13, 1926. Serial No. 148,161. 5 Claims. (Cl. 24—232.)



1. A cable hook comprising a pivot pin, and a pair of hook members mounted on said pin, the open sides of the members being turned toward a plane intersecting both members and said plane being normal to the axis of the pivot pin.

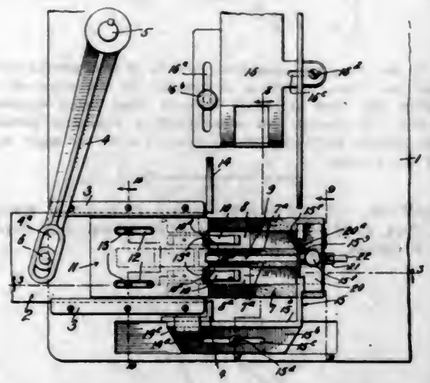
1,625,156. LOOM. ALBERT RIGBY, Paterson, N. J., assignor of one-half to Phillip Diamond, Paterson, N. J. Filed May 28, 1926. Serial No. 112,243. 6 Claims. (Cl. 139—114.)



6. In combination, with a fixed structure and take-up and let-off means therein coacting to maintain taut the sheet of warp and woven fabric, a plate-spring having

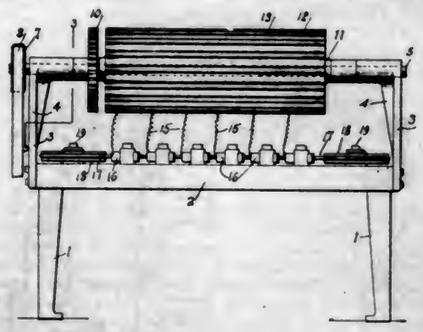
a portion thereof supported upon said structure and another portion thereof projecting free of said structure and yieldingly assuming the pressure of said sheet between the take-up and let-off means, and means to secure the plate-spring to said structure, said plate-spring and the last-named means being adjustable one relatively to the other and lengthwise of the former to vary the tension of the plate spring.

1,625,157. FEEDING MECHANISM FOR TAG-STRINGING MACHINES AND THE LIKE. HORACE L. ROBERTS, Mount Vernon, N. Y. Filed Jan. 30, 1924. Serial No. 689,411. 13 Claims. (Cl. 271—44.)



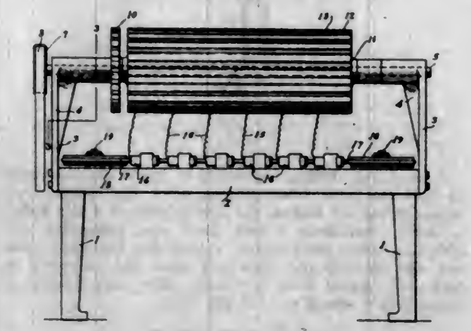
1. In a feeding device for tag-stringing and like machines having a tag-stacking compartment, a carrier having a tag-receiving bed extending beneath the stacking compartment and reciprocable through the stacking compartment, a rubber bed on the carrier for increasing the frictional contact between the carrier and the bottom surface of the tag, means for engaging the edge of the tag and means for overcoming the frictional contact between the lowermost tag and the tags superimposed thereon.

1,625,158. STEEL-WOOL MACHINE. WILLIAM H. ROBBINS, Springfield, Ohio, assignor to The Williams Company, London, Ohio, a Corporation of Ohio. Filed June 5, 1925. Serial No. 35,155. 6 Claims. (Cl. 29—4.5.)



1. In a steel wool machine, cutters for said steel wool machine, means for feeding a wire to said cutters whereby a plurality of individual strands of steel wool are cut simultaneously by said cutters from said wire, means to remove steel wool strands from the cutters consisting of a pair of synchronously moving, closely adjacent steel wool engaging members adapted to frictionally engage the wool strands individually to pull them away from the cutters, said friction engaging members having means for grasping said steel wool strands whereby only the dead weight of the wool strands is lifted by said friction engaging members without tension.

1,625,159. STEEL-WOOL-REMOVING MACHINE. WILLIAM H. ROBBINS, Springfield, Ohio, assignor to The Williams Company, London, Ohio, a Corporation of Ohio. Original application filed June 5, 1925, Serial No. 35,155. Divided and this application filed Feb. 18, 1926. Serial No. 89,244. 2 Claims. (Cl. 29—4.5.)



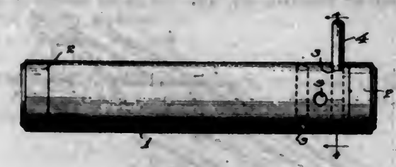
2. In a steel wool machine a plurality of cutters, feeding means for feeding a wire to said cutters, means for removing steel wool strands from said cutters individually consisting of a pair of parallel spaced shafts, means for causing said shafts to rotate together, means on said shafts to carry a plurality of spaced rods whereby a circulation of air is permitted and adapted to project one of the rods on one shaft between two rods on the other shaft as they come opposite to one another without said rods touching, the space being sufficient to pass a steel wool strand therebetween for frictional engagement with the rods.

1,625,160. ADJUSTABLE ROD SUPPORT FOR SHADES, CURTAINS, AND DRAPES. LULA H. ROBINSON, Dallas, Tex. Filed May 5, 1925. Serial No. 28,045. 1 Claim. (Cl. 156—23.)



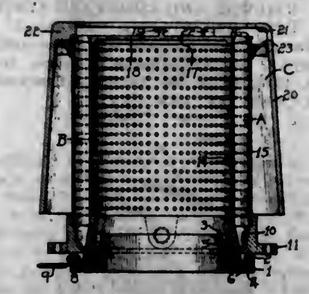
In a hanger of the type set forth, an end support composed of a relatively short rear horizontal part the inner end portion of which part is extended forwardly and then outwardly to lie parallel to the body of the part and which is then further extended forwardly and inwardly to lie parallel to the outwardly extending portion, the opposite end of the part being extended forwardly and inwardly to lie parallel to the inwardly extending portion, the ends of the two inwardly extending portions being each free and formed for connection to curtain holding rods.

1,625,161. DEVICE FOR USE IN MOVING BUILDINGS. JACOB J. ROOS, Hull, Iowa. Filed Sept. 15, 1926. Serial No. 135,596. 1 Claim. (Cl. 280—3.)



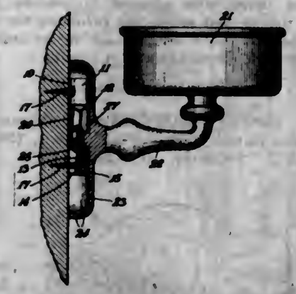
A device for moving buildings, comprising a roller, the roller having a series of channels extending entirely through same, said channels being arranged in offset relation and in different transverse planes near one end of the roller.

1,625,162. HYDROCARBON BURNER. FREDERICK H. SCHULENBERG, Lima, Ohio. Filed Sept. 11, 1926. Serial No. 134,787. 7 Claims. (Cl. 158—81.)



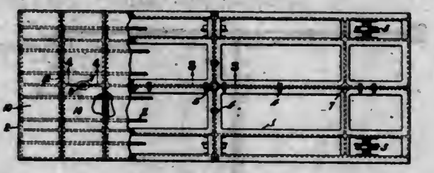
3. In a hydrocarbon burner, a fuel vaporising trough, a priming block having portions engaging a side and a bottom wall of the trough, said block being of heat-retaining but non-conductive material, and an electric heating element carried by said block for heating the walls of the trough.

1,625,163. FIXTURE SUPPORT. WILLIAM H. SCHUBE, Newark, N. J., assignor to Searle Manufacturing Company, Newark, N. J., a Corporation of New Jersey. Filed July 3, 1926. Serial No. 120,283. 3 Claims. (Cl. 248—20.)



1. A fixture support comprising an anchored bracket consisting of a transverse plate, spring detents extending forwardly from the ends of said plate, a raised apron integral with the lower edge of the plate, said apron being inclined rearwardly and containing a slot enlarged at its upper end, a stop on the bottom of said apron limiting its rearward movement, opposed forwardly extending spring flanges on the lateral edges of said apron, a chambered fixture base enclosing said bracket in its entirety, a button headed stud fixed on said base to engage in the apron slot, the head of said stud engaging the rear surface of said apron, and lugs on the inner side walls of said chambered base to engage said spring detents and flanges.

1,625,164. CASTING TABLE. HAROLD R. SCHUTZ, Toledo, Ohio, assignor to The Edward Ford Plate Glass Company, Rossford, Ohio, a Corporation of Ohio. Filed Sept. 15, 1926. Serial No. 135,528. 6 Claims. (Cl. 49—39.)



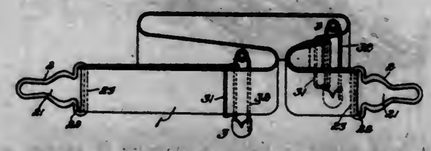
3. A casting table comprising an underframe and a top portion having a plurality of intorengaging connections, with a part of said connections preventing relative movements of the underframe and top lengthwise of the table, and a part permitting such relative movements lengthwise of the table and preventing the same in any other direction.

1,625,165. PRODUCT AND METHOD FOR TESTING SUGAR TOLERANCE. ALBERT SHATON and WILLIAM O. RADER, Indianapolis, Ind., assignors to Eli Lilly and Company, Indianapolis, Ind., a Corporation of Indiana. Filed June 4, 1926. Serial No. 113,811. 6 Claims. (Cl. 167—7.)

1. The process of testing an individual for sugar tolerance, which consists in administering a quantity of sugar mixed with a small amount of an indicator which will appear in the urine within a definite time after ingestion but which is not apparent to the individual being tested, obtaining the urinary specimen, and testing it for the presence of sugar and for the presence of such indicator.

6. A substance for use in making sugar-tolerance tests in individuals, comprising a mixture of sugar with a relatively small amount of saccharin.

1,625,166. TROUSERS SUPPORTER. HENRY M. SIEGEL, Malden, Mass. Filed July 7, 1926. Serial No. 120,942. 3 Claims. (Cl. 241—9.)

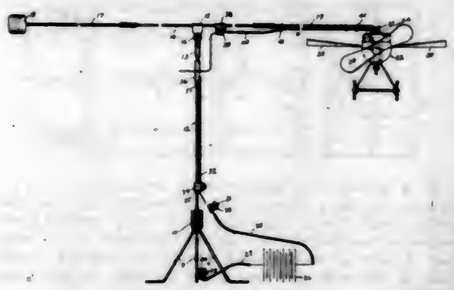


1. In a trousers supporter comprising a flexible strap, and end-connectors adapted for detachable engagement with engaging members carried by a garment at opposite points, with at least one end-portion of the strap in looped and sliding engagement with the corresponding end-connector, the combination with the said elements of an intermediate member which is fastened to the extremity of such end-portion and is in sliding engagement with the intermediate portion of the strap, whereby the effective length of the strap is adjusted, the said intermediate member having means for fixed engagement with the garment intermediate the end-connectors.

1,625,167. AERONAUTIC TOY. LAWRENCE H. STRAYER, Kent, Ohio. Filed Mar. 31, 1924. Serial No. 703,269. 3 Claims. (Cl. 272—31.)

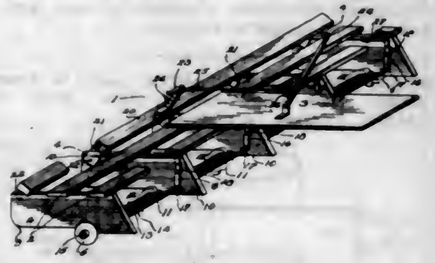
2. In an electrically driven toy, a supporting standard, an arm rotatably mounted on the top thereof, said arm

also being capable of rocking vertically on said standard, a balance weight carried by one end of the arm, a toy body carried by the other end of the arm, a shaft rotatably mounted in said body, a propeller on said shaft, electrical mechanism carried by said body to rotate the shaft and propeller, a battery, an elongated insulated contact sleeve fixed to said standard, and a rigid contact arm carried by the rotatable arm to rock therewith in contact with the sleeve, said rigid contact arm maintaining contact with the sleeve during vertical movement of the rotatable arm to complete the electrical circuit.



3. In an electrically driven toy, a toy body, a frame removably secured within the toy body, a propeller shaft rotatably mounted in said frame and projecting exteriorly of said body, a propeller secured to the shaft exteriorly of the body, electrical mechanism carried by the frame to rotate the shaft when connected with a source of electrical supply, and a single means removably securing the shaft, propeller, electrical mechanism and frame to said body as a unit.

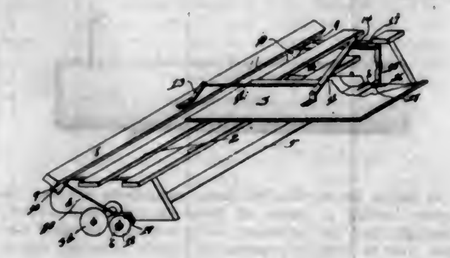
1,625,168. WEEDER. JAMES A. TALBOT, Walla Walla, Wash., assignor of one-half to S. V. Davin, Walla Walla, Wash. Filed Mar. 23, 1925. Serial No. 17,462. 3 Claims. (Cl. 97—144.)



1. In a weeder, a frame, a plurality of runners attached to said frame, a plurality of cutting blades joined together by longitudinally disposed axles, and rotatably mounted in said runners, means to rotate said blades, and a tripping means comprising vertically positioned bars pivotally attached to said runners, complemental to each of said blades, and provided with rollers positioned to contact the rear edge of said blade and directly above it, connecting rods connecting said bars with a lever acting beam extending longitudinally of the weeder, and an operating lever operably attached to said beam.

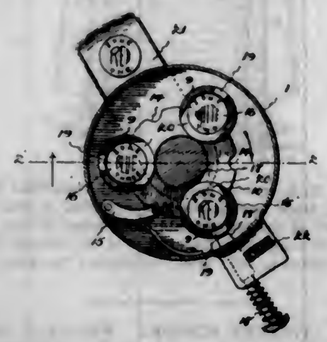
1,625,169. WEEDER. JAMES A. TALBOT, Walla Walla, Wash., assignor of one-half to S. V. Davin, Walla Walla, Wash. Filed July 23, 1925. Serial No. 45,519. 2 Claims. (Cl. 27—144.)

1. In a weeder, the combination with a weeder having a rotatable blade, and tripping means for controlling the rotation of the blade, of a loose ground wheel idly mounted on the axle of said blade, a clutch interposed between



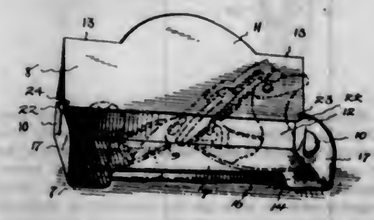
said wheel and the blade, and means to operate said clutch to rotate the blade as the tripping means is released.

1,625,170. RAILWAY AND LIKE FARE SYSTEM AND MEANS USED THEREWITH. ARNOLD J. TANNER, North Haven, Conn., assignor, by mesne assignments, to Sidney S. Gorham, trustee, Chicago, Ill. Filed Sept. 19, 1919, Serial No. 325,011. Renewed Jan. 7, 1926. 4 Claims. (Cl. 235—33.)



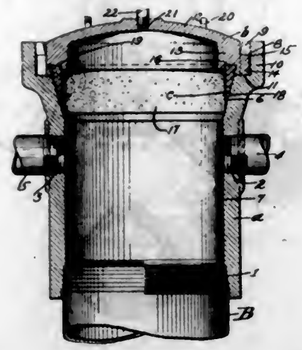
4. Fare collection apparatus comprising a zone token distributing mechanism and a zone token collecting mechanism each having a revoluble turret carrying a plurality of tubes each adapted to contain a pile of permanent tokens, and means for revolving the turrets to present tubes in operative position in accordance with the zone through which the car is passing.

1,625,171. DISPLAY CONTAINER. ARNOLD J. TANNER, North Haven, Conn. Filed June 1, 1926. Serial No. 113,073. 2 Claims. (Cl. 206—44.)



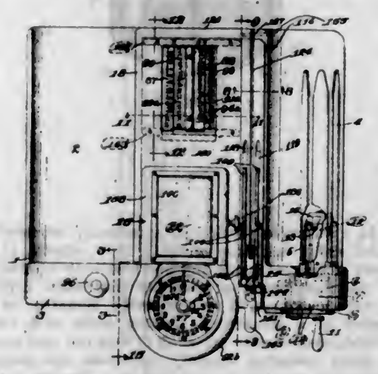
1. A box of the class described, having an outer box member, a separable self-contained folding inner member telescoping into said box member and when removed from said box member alone constituting a complete display container, said inner member having an open front and top, a closed back forming the bottom of the box and a folding cover for said top arranged to form a raised display medium.

1,625,172. CIRCULATING HEAD. WILLIAM A. TROUT, Los Angeles, Calif. Filed Oct. 15, 1923. Serial No. 668,696. 1 Claim. (Cl. 166—14.)



A circulating head adapted for association with well casing, said circulating head including a body and a cap therefor, said circulating head being substantially annular in form with the inner surface portion of the head beveled in part, a triangular wedge-shaped flexible member carried by said cap and having one of its sides beveled to cooperate with said beveled portion on said head, and its other side extending in a substantially parallel plane with said body, said cap being formed with an inwardly tapered groove for holding and locking said flexible member in operative position.

1,625,173. RIBBON MEASURING, COST COMPUTING, AND WINDING MACHINE. DOUGLAS TURNER, St. Louis, Mo., assignor to The Measuregraph Company, St. Louis, Mo., a Corporation of Missouri. Filed Dec. 8, 1919. Serial No. 343,335. 21 Claims. (Cl. 33—133.)



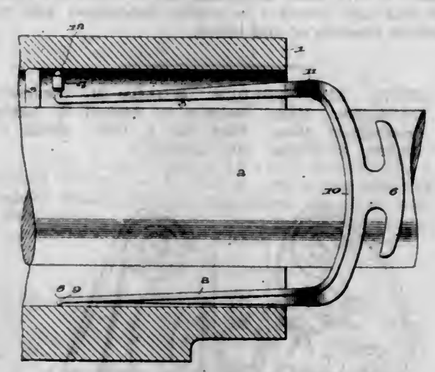
1. A ribbon measuring and cost computing machine, comprising, in combination, a base, length indicating and cost computing devices mounted in the base near opposite ends of the base and on a level with each other and with the upper elevation of said base, a measuring roller operatively connected with said devices, and mounted on the base between the length indicating and cost computing devices and adapted to be rotated by the ribbon being measured to operate said mechanisms, and a winding drum also mounted on said base and substantially parallel with said measuring roller for winding up the ribbon and thereby drawing it over the measuring roller.

1,625,174. GLASS-CLEANING APPLICATOR. ROBERT H. VAN SANT, Chicago, Ill., assignor, by mesne assignments, to Gold Dust Corporation, New York, N. Y., a Corporation of New Jersey. Filed Jan. 22, 1925. Serial No. 4,127. 1 Claim. (Cl. 15—133.)



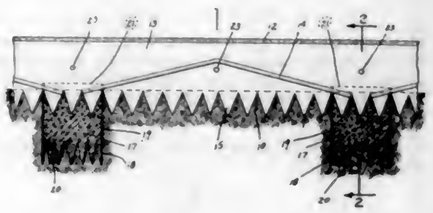
A flexible applicator consisting of a hollow live rubber body of substantially hemispherical form having means for attaching the same to a container with its convex face outermost and with its said body projecting in its entirety beyond the container for free flexible movements in all directions when applied in use, said body having apertures therethrough adjacent to its center and having a thickened wall portion adjacent to said apertures forming an external projection upon its convex face extending beyond the outer ends of said apertures, said apertures extending through the relatively thinner portions of the wall of the body, whereby they will remain open in use as long as the applicator is applied with a force insufficient to flex the said projection inwardly to and beyond the external surface of the body.

1,625,175. MICROMETER. FRANK VOIGT, Milwaukee, Wis. Filed June 17, 1926. Serial No. 116,528. 3 Claims. (Cl. 33—164.)



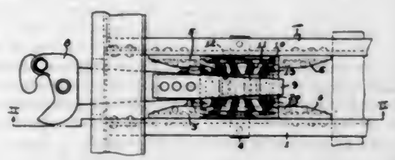
1. A micrometer, comprising a yoke shaped handle portion, a set of substantially parallel rigid arms projecting respectively from the ends of the yoke shaped portion the yoke being in a plane oblique to a plane common to the axes of said arms, a fixed bearing finger upon the free end of one of said arms, and a micrometer gauge mounted on the free end of the other arm and having a bearing finger adapted for contact with the interior surface of a cylinder at a point diametrically opposite the bearing surface of the fixed contact finger.

1,625,176. COMPENSATING AND DRAINAGE JOINT FOR PAVEMENTS. GEORGE W. WARMOTH, Indianapolis, Ind. Filed Jan. 23, 1925. Serial No. 4,205. 13 Claims. (Cl. 94—17.)



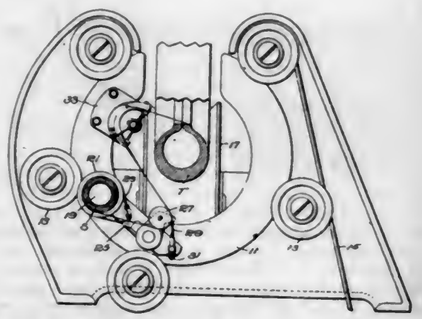
1. A device for roads and the like comprising an elongated member including an inclined lead and a supporting thimble into which the elongated member lead is adapted to discharge.

1,625,177. DRAFT-GEAR UNIT. JAMES M. WAUGH, Chicago, Ill., assignor to Waugh Equipment Co., Chicago, Ill., a Corporation of Maine. Filed Jan. 16, 1925. Serial No. 2,771. Renewed Nov. 8, 1926. 7 Claims. (Cl. 213—30.)



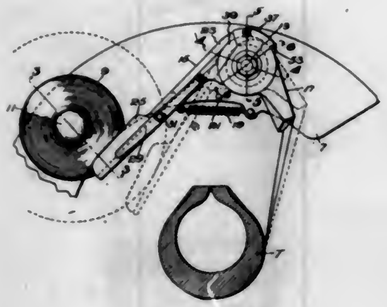
6. A draft gear unit comprising a casing having locking members formed thereon, followers movably positioned in said casing and having notches therein for receiving said locking members seated therein, and friction elements in said casing separating said followers and acting to hold said followers in locking engagement with the locking members of said casing.

1,625,178. EDGE FOLDER. WILLIAM M. WHEILDON, Framingham, Mass., assignor to Edward H. Angier, Framingham, Mass. Filed Feb. 4, 1922. Serial No. 534,126. 32 Claims. (Cl. 270—93.)



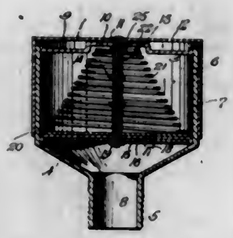
1. A folding device for a strip comprising a trough adapted freely to receive from above an unfolded portion of the strip between the ends thereof, an edge turning surface on a flange of said trough and a laterally yieldable presser beyond the said surface.

1,625,179. MECHANISM FOR DISPENSING MATERIAL FROM ROLLS. WILLIAM M. WHEILDON, Framingham, Mass., assignor to Edward H. Angier, Framingham, Mass. Filed Feb. 4, 1922. Serial No. 534,127. 34 Claims. (Cl. 270—93.)



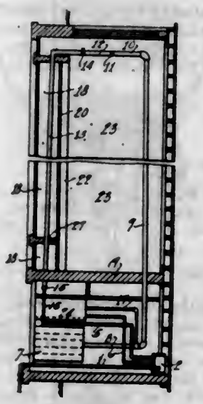
1. In combination with a support for a roll of material means for controlling the feed of material therefrom comprising a member opposing the side of the roll and having flanges adapted forcibly to bear against the bases thereof as said member is moved toward the side of the roll.

1,625,180. MAGAZINE LUBRICATOR. JERRY H. WONSER, Port Angeles, Wash. Filed May 2, 1925. Serial No. 27,400. 3 Claims. (Cl. 184—45.)



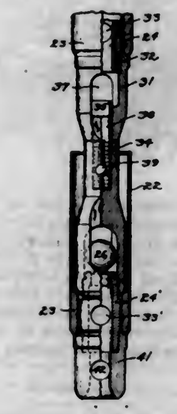
1. In a magazine lubricator, a magazine provided with an inlet and a discharge orifice, a head adapted to close one end of said magazine and provided with a raised portion, and containing a centrally positioned orifice in said raised portion, a cap slidably mounted on said magazine in a manner to slidably cover said inlet, a regulating stem rigidly attached to said cap and provided with studs extending laterally therefrom, and positioned in staggered relation to each other, a plunger attached to said stem and slidably mounted in said magazine, a yielding means designed to conform to the shape of said head when compressed, and interposed between said plunger and said head, said raised portion forming means to prevent a lateral motion of said yielding means, and a latch attached to said head to operably register with said studs.

1,625,181. PROCESS AND APPARATUS FOR INDUCING GERMINATION AND GROWTH OF SEEDS AND PLANTS. JOHN ZELLWEGER, St. Louis, Mo. Filed Aug. 1, 1924. Serial No. 729,515. 2 Claims. (Cl. 47—17.)



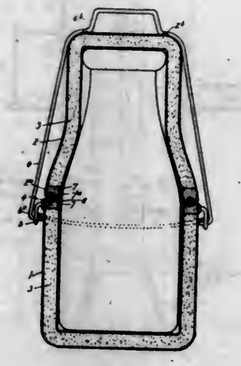
1. An apparatus for inducing the germination and growth of seeds and plants, comprising a perforated or porous support that sustains a soil bed, an air passageway arranged so that air can pass from same upwardly into said soil bed, a humidifying fan for forcing air through said passageway provided with a filter ring through which the air passes, and means for supplying moisture at a high temperature to said fan so as to cause the seeds or plant roots in said bed to be subjected to the action of moisture, air and heat.

1,625,182. RECIPROCATING PUMP. JOHN A. ZUBLIN, Los Angeles, Calif. Filed Mar. 29, 1924. Serial No. 702,792. 8 Claims. (Cl. 103—179.)



1. In a reciprocating pump: a plurality of plunger sections, each including a lifting element; and flexible connection means connecting said plunger sections and including valve seats.

1,625,183. CONTAINER FOR MILK BOTTLES. JOHN E. ABBOTT, Spring Valley, Calif. Filed Apr. 19, 1924. Serial No. 707,614. 4 Claims. (Cl. 215—12.)



1. In a sectional heat insulated container for conventional milk bottles, an insulated container separated in the middle and conforming substantially with the shape of a conventional milk bottle, and a gasket interposed between the edges of the separate sections.

1,625,184. CHILD'S GARMENT. MILDRED COALE ALLEN, Highland Park, Ill. Filed July 27, 1922. Serial No. 577,900. 3 Claims. (Cl. 2—75.)

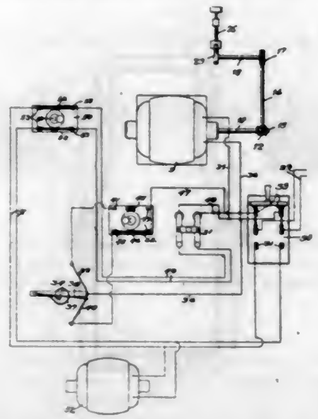


1. A child's garment comprising a body portion, sleeves connected with the top of the body portion and extending therefrom substantially in longitudinal alignment with the body portion, said sleeves being formed and extending upward from the shoulder portion of the garment.

1,625,185. AUTOMATIC FLUID-CONTROLLING DEVICE. AUGUST P. ANDERSON, Toledo, Ohio. Filed May 29, 1922. Serial No. 564,439. 2 Claims. (Cl. 62—4.)

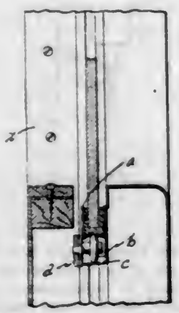
1. In an automatic refrigerant controlling device for electric thermic systems, a source of current, a source of cooling water, an electric motor for operating the thermic system and connected to the said source of current, a second motor connected to the source of current, cooling pipes connected to the source of supply of water, a valve for regulating the flow of the water, a switch for connecting the first named motor with the said source of current, and enclosed diaphragm connected to the said switch the said diaphragm operated by the pressure of the water in the said pipes and controlled by the said valve, a thermostatic switch having high and low temperature contact points, a switch located in the circuit

of the second motor for connecting the second motor with the said circuit and operated by the second motor when the valve has been opened and when it has been



closed to connect the second motor to the low temperature contact point and the high temperature contact point of the thermostat respectively.

1,625,186. WINDOW REGULATOR. THOMAS P. ARCHER and ERNEST E. HEINTS, Detroit, Mich., assignors to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 26, 1924. Serial No. 758,085. 2 Claims. (Cl. 268—126.)



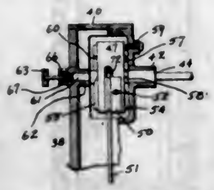
1. In a window regulator, the combination of a sash bar provided with a track or recess, a lifting arm having a roller running in said track or recess, and a flat spring supported on the end of the arm and between the roller and the lever and arranged to bear against the track.

1,625,187. FOOT PAD. WILLIAM T. BIRCH, Chicago, Ill. Filed May 13, 1925. Serial No. 29,936. 1 Claim. (Cl. 20—79.)



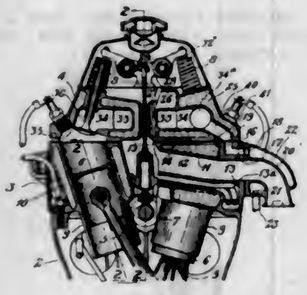
A foot mat comprising two layers of rubber composition vulcanized together, the upper layer having a greater degree of contraction in all directions when cooling than the lower layer and the lower layer distorted by effect of the contraction of the upper layer, to produce a dished-form mat with the central zone of the lower layer in a lower horizontal plane than its marginal edges.

1,625,188. PRESELECTING AND SHIFTING MECHANISM FOR SLIDING-GEAR TRANSMISSIONS. JASPER BLACKBURN, Webster Groves, Mo. Filed Dec. 15, 1924. Serial No. 755,923. 6 Claims. (Cl. 74—39.)



1. A device of the class described comprising a housing, a shaft carried by said housing and projecting from one side thereof, a handle secured to the projecting end thereof whereby said shaft can be freely rotated in one direction, means for limiting the rotation of the shaft in the opposite direction step by step, a flexible member having one end secured to said shaft and projecting from the bottom of said housing, a sliding member secured to the free end of said flexible member and adapted to be longitudinally moved in one direction by the rotation of said shaft, and means tending normally to move the sliding member in the opposite direction.

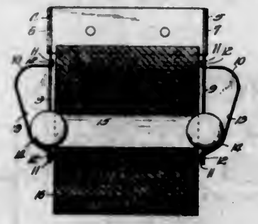
1,625,189. INTERNAL-COMBUSTION ENGINE. MERTON H. BLANK, Indianapolis, Ind. Original application filed Mar. 19, 1921, Serial No. 453,545. Divided and this application filed Jan. 9, 1922. Serial No. 528,104. 5 Claims. (Cl. 123—122.)



1. In an internal combustion engine in combination, a cylinder block unit comprising a plurality of cylinders, a plurality of conduits extending through the said unit, a hollow head unit for the said block unit, intake manifolds within the said head unit and communicating with one of the said conduits in the block unit, and exhaust manifolds within the head unit having an outlet opening through an end wall thereof, and an auxiliary outlet opening communicating with another of the said conduits.

1,625,190. TOILET-PAPER-ROLL HOLDER. OLIVER R. BOYNTON, St. Louis, Mo. Filed Aug. 16, 1926. Serial No. 129,376. 2 Claims. (Cl. 211—31.)

1. A roll paper holder comprising a yoke shaped element including an intermediate portion and a pair of right angular shaped arms each provided with a vertically disposed slotted opening wider at the lower end than at the upper end, a housing member having an inclined outer wall and a spherical bearing member carried with-



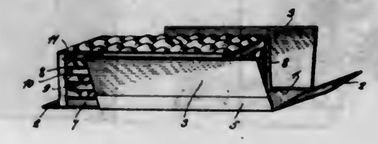
in each housing partly protruding the slotted openings when in their lowermost positions and upon which a paper roll is revolubly supported.

1,625,191. HAND AND FINGER PROTECTOR. GERTRUDE G. CONDON, Oakland, Calif., assignor to The Hoover Company, a Corporation of Ohio. Filed Aug. 24, 1925. Serial No. 52,142. Renewed Feb. 26, 1927. 1 Claim. (Cl. 150—52.)



A hand and finger protector comprising an element made of a flexible material; and a loop at each end of the element, each of said loops being adapted to engage one member of a vacuum-cleaner dust-bag handle comprising two pivotally-connected and self-closing members, so that the element is thereby held in a virtually central relation to the handle pivot, said element being of greater width than said members so that it is adapted to fold over the members and to follow their pivotal movement in order to prevent a person's hand and fingers from being pinched by the members when the handle is gripped and operated so as to cause pivotal movement back and forth of said members.

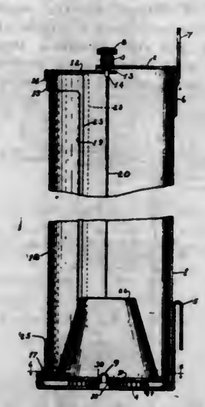
1,625,192. CANDY BOX. JOSEPH M. COOPER, Denver, Colo. Filed Dec. 7, 1925. Serial No. 73,667. 1 Claim. (Cl. 206—44.)



A candy box and display device comprising, in combination, a plurality of rectangular shallow trays of substantially the same size, each of which has a bottom, two ends and two sides members, said trays being each adapted to receive a layer of candy, the respective superposed trays being of less depth than the pieces of candy they are adapted to receive, the lowermost tray having a guide angular in cross section, secured thereto at each corner, said guides engaging the corresponding corners of each of the superposed trays so as to prevent relative transverse movement.

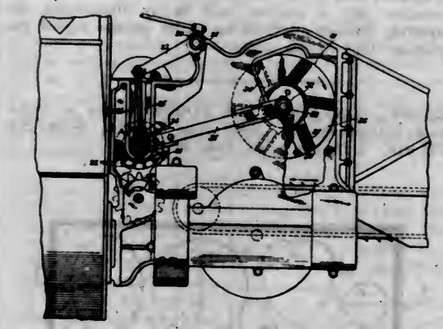
1,625,193. CONTAINER FOR PAPER CUPS. DAVID F. CURTIN, Chicago, Ill., assignor, by mesne assignments, to The Vortex Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed July 3, 1922. Serial No. 572,593. 3 Claims. (Cl. 211—8.)

1. In a dispensing apparatus, a bottom piece, a projection integrally formed in the center of said bottom piece, a container mounted on the bottom piece and having an opening in one side thereof, a closure for the opening, an apertured base piece for said closure rotatably engaged



on said projection, a frustum shaped cup support on said base piece, and means connecting said base piece to said projection for automatically returning the closure to closed position.

1,625,194. FODDER CUTTER. JOSEPH DICK, deceased, Canton, Ohio, by Charles F. Dick, executor, Canton, Ohio, assignor to The Joseph Dick Manufacturing Company, Canton, Ohio, a Corporation of Ohio. Filed July 3, 1925. Serial No. 41,399. 8 Claims. (Cl. 146—109.)

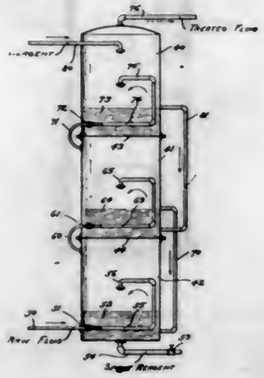


1. Feed mechanism for fodder cutters and the like, including a feed trough having a feed mechanism therein, and a gathering roll in advance of the feed mechanism, and provided with tangential paddles.

1,625,195. PROCESS OF AND APPARATUS FOR TREATING ONE LIQUID BY ANOTHER. SAMUEL J. DICKEY, Los Angeles, Calif., assignor to General Petroleum Corporation of California, a Corporation of Delaware. Original application filed Jan. 16, 1923, Serial No. 613,064. Divided and this application filed May 14, 1924. Serial No. 713,339. 5 Claims. (Cl. 196—45.)

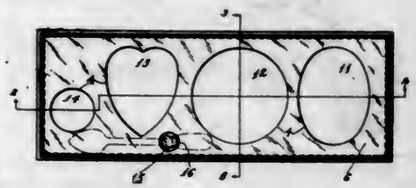
1. The continuous method of treating an oil with a liquid reagent heavier than and insoluble in the oil, which comprises: maintaining in each of a series of substantially closed tanks arranged in rising order a layer of reagent of predetermined depth, continuously introducing fresh reagent into the uppermost tank, overflowing the reagent from one tank into the tank next below at a

point below the surface of the layer of reagent in such lower tank, continuously withdrawing spent reagent from the lowermost tank at such rate as to maintain the predetermined level of reagent therein, simultaneously injecting into the lowermost tank a stream of raw oil under pressure, drawing into such stream a stream of reagent from the reagent body in said tank, intermixing the two streams through the agency of the velocity of the stream



of raw oil and discharging the intermixed stream into said tank, the treated oil and the reagent continuously separating by gravity difference in said tank, injecting the once-treated oil from the bottom tank into the tank next above, repeating the intermixture, discharge, separation and upward conveyance of oil from tank to tank until the uppermost tank is reached, and finally discharging the completely treated oil from an outlet at the top of the uppermost tank of the series.

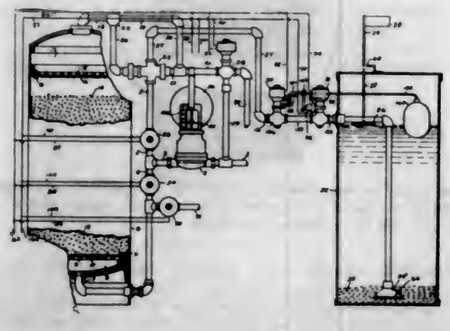
1,625,196. CONTAINER FOR FOODS. JOHN A. DONAHOE, Pittsburgh, Pa. Filed June 5, 1924. Serial No. 717,918. 2 Claims. (Cl. 206—65.)



1. A container for foods comprising a plane frame having a plurality of apertures adapted to accommodate the individual containers for said foods; a box and a cover for said frame; a depending tongue struck out of said frame, and means adapted to cooperate with said tongue for removably securing thereto utensils required for eating said foods.

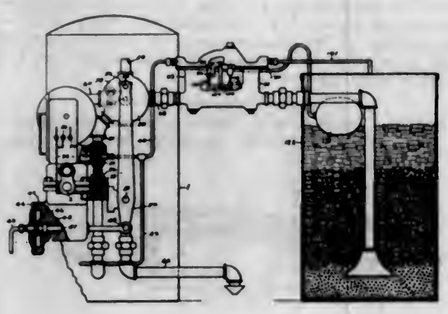
1,625,197. WATER-SOFTENING APPARATUS. CHARLES P. EISENHAUER, Dayton, Ohio, assignor to The Duro Company, Dayton, Ohio, a Corporation of Ohio. Filed July 20, 1925. Serial No. 44,716. 16 Claims. (Cl. 210—24.)

1. In an automatic water softening apparatus, a container for a softening means, means to deliver hard water thereto, means to deliver regenerating material thereto, a source of regenerating material, valves for controlling the admission of water and regenerating material, electrical means for actuating said valves, and means ac-



tuated by the incoming hard water for making and breaking a circuit connecting said electrical means whereby said valves are operated or rendered inoperative.

1,625,198. AUTOMATIC WATER SOFTENER. CHARLES P. EISENHAUER, Dayton, Ohio, assignor to The Duro Company, Dayton, Ohio, a Corporation of Ohio. Filed Oct. 12, 1925. Serial No. 62,000. 7 Claims. (Cl. 210—24.)

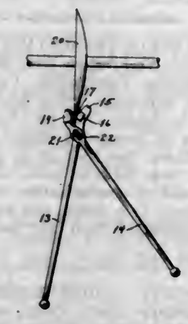


1. In a water softener, a container for softening means, a container for regenerating means, means controlled by the passage of water through the system for regulating the period of regeneration and softening, an electrical circuit adapted to be made and broken by said means, a needle valve controlled by said electrical circuit, and hydrostatic valves controlled by the hydrostatic pressure passing by said needle valve, said valves being adapted to operate valves for converting the softener from softening position to regenerating position and back to softening position.

1,625,199. REVERSIBLE DISK-SHARPENING TONGS. ISAAC H. FARMER, Montezuma, Iowa. Filed May 10, 1926. Serial No. 107,948. 3 Claims. (Cl. 76—85.)

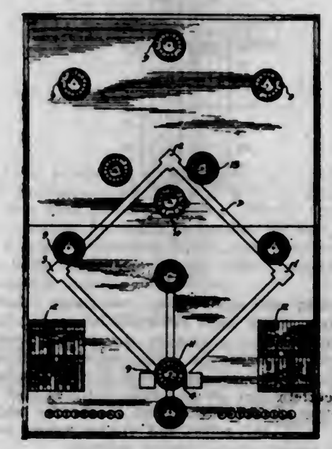
1. A disk-sharpening tongs, comprising a support, a blade-carrying arm pivoted thereon, a blade reversibly and

adjustably mounted in said arm, a pivot stud having an elongated head, a second arm formed with a longitudinal



slot arranged to be removed and replaced relative to said headed stud when in a certain position, and a roller pivoted on the second arm in opposition to said blade.

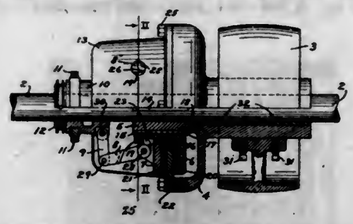
1,625,200. BASEBALL GAME. HENRY CLEVELAND FRANKE, Evanston, Ill., and RALPH CLINTON BANGS, Providence, R. I. Filed Oct. 10, 1925. Serial No. 61,660. 3 Claims. (Cl. 273—93.)



1. In the game of baseball, a plat having a miniature ball field represented thereon, rotatable discs adapted to be spun to show the flight of an imaginary ball and plays, said discs being divided into sectors having notations to show the plays, and concentric series of notations on certain of the discs to represent the result of thrown balls as distinguished from batted balls.

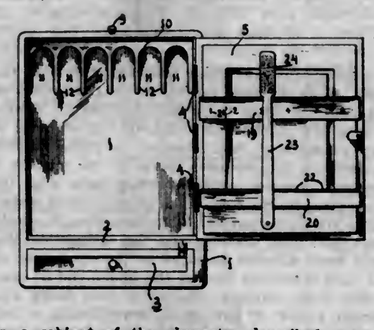
1,625,201. FRICTION CLUTCH. WALTER GEIST, Milwaukee, Wis., assignor to Acme Clutch Company, Milwaukee, Wis. Filed Dec. 24, 1920. Serial No. 432,946. 2 Claims. (Cl. 192—68.)

1. In a clutch, a rotary shaft, a collar secured to said shaft and having an abutment, an annular jaw movable along said shaft toward and away from said abutment and having a sleeve slidably engaging said collar, a second annular jaw surrounding said sleeve and movable along said shaft toward and away from said first mentioned jaw, an element rotatably supported upon said shaft and having an annular portion interposed between said jaws, means associated with said second jaw and with said



sleeve for moving said jaws toward said element portion, and means for spreading said jaws and for urging said first mentioned jaw toward said abutment.

1,625,202. TOOTHBRUSH CABINET. RAYMOND H. GINDICK, Waukegan, Ill. Filed Nov. 24, 1924, Serial No. 751,860. Renewed Jan. 5, 1927. 13 Claims. (Cl. 211—14.)



1. In a cabinet of the character described, means to provide a plurality of inverted substantially U-shaped hollow walled compartments each open at the front and bottom, said walls being perforated, means for supplying an antiseptic to and retaining the same in said hollow walls for evaporation through the perforations therein, and means for supporting articles in the cabinet between the perforated walls of the compartment.

1,625,203. ART OF DISPERSING MATTER INTO FINELY-DIVIDED FORM. HERBERT L. GLAZE, South Pasadena, Calif., assignor of one-half to A. R. Maas Chemical Co., Los Angeles, Calif., a Corporation of California. Filed Sept. 30, 1924. Serial No. 740,882. 5 Claims. (Cl. 252—6.)

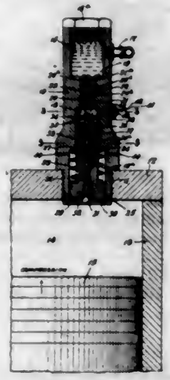
5. The art of reducing matter to a fine form which includes mixing said matter in a fused form with a matter in comminuted unfused form, coating the particles of said matter in comminuted form with a thin film of said fused matter, and in dissolving said matter in comminuted form out from said film.

1,625,204. SHOE LACE. CHARLES T. E. GOULD, Detroit, Mich. Filed July 29, 1926, Serial No. 125,802, and in Canada Oct. 20, 1925. 3 Claims. (Cl. 24—143.)



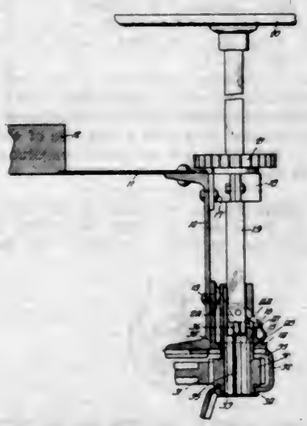
1. A shoe lace having a thickened portion intermediate its ends, said thickening being arranged so that a considerable projection is formed at one side of the lace while substantially no projection is formed on the opposite side.

1,625,205. INTERNAL-COMBUSTION ENGINE. WILLIAM F. GRUMME, New York, N. Y. Filed July 3, 1925. Serial No. 41,276. 4 Claims. (Cl. 123—25.)



1. A device for injecting a predetermined fluid into the cylinder of an internal combustion engine, comprising a casing mounted upon the engine cylinder in communication with the combustion chamber thereof, said casing having an internal fluid chamber, a piston movable in said casing by the explosion forces of the mixture in the combustion chamber, and extending into said internal fluid chamber in the form of a plunger; said piston having an axial bore whereby communication is established between said fluid chamber and the combustion chamber, a valve stem movably mounted in the axial bore of said piston and projecting beyond the upper end of said bore into said fluid chamber, said valve stem being arranged to permit a flow of said fluid therethrough, a valve at the lower end thereof, said stem controlling the inner end of said bore and a spring effective to maintain said valve in its closing position and to return it thereto.

1,625,206. SUPPORTING MEANS FOR DROP-BRAKE SHAFTS. WILLIAM B. HALL, Chicago, Ill., assignor to Union Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed June 1, 1925. Serial No. 34,105. 8 Claims. (Cl. 74—113.)



1. In a device of the character described, a brake shaft, means for mounting said brake shaft on a car for vertical movement, a sleeve surrounding said brake shaft and having an internal inclined shoulder intermediate its ends, and means for supporting said brake shaft in raised position comprising a member on said brake shaft engaging said shoulder on said sleeve when said brake shaft is raised.

1,625,207. PROCESS OF PRESERVING FRUIT. OSWALD H. HANSEN, Port Washington, Wis., assignor to Hansen Canning Machinery Corporation, Cedarburg, Wis., a Corporation of Wisconsin. Filed May 7, 1924. Serial No. 711,573. 6 Claims. (Cl. 99—8.)

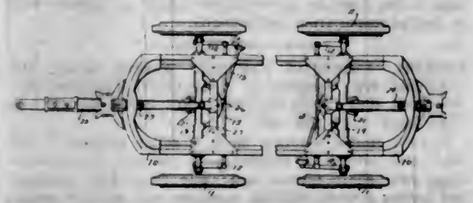
6. The process of preserving fruit, which comprises, temporarily confining the fruit in a container and exhausting the air from the fruit cells, admitting steam to the evacuated cells to preliminarily sterilize the fruit, submerging the fruit in a liquid, and subsequently finally sterilizing the submerged fruit and permanently sealing the container.

1,625,208. ROTARY UNDERREAMER. MERLIN C. HAZARD, Huntington Beach, Calif., assignor, by direct and mesne assignments, to Marvel Oil Tool Company, Huntington Beach, Calif., a Corporation. Filed Oct. 12, 1923. Serial No. 668,306. 8 Claims. (Cl. 255—75.)



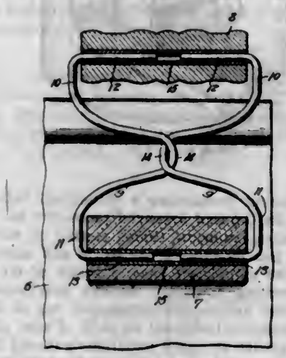
1. A rotary well underreamer comprising a body having undercut cutter ways extending longitudinally along and parallel with the axis of the body, spaced rider surfaces parallel with the cutter ways, cutters slidable in said ways and arranged so that in the reaming position the cutters bear on said rider surfaces back of the cutting edges of said cutters with the cutting edges only extending from the ways, and spring means normally urging the cutters to the reaming position.

1,625,209. TRAILER. JAMES F. HIGBEE, Detroit, Mich., assignor of one-half to Stephen A. Griggs, Detroit, Mich. Filed Nov. 23, 1923. Serial No. 676,484. 4 Claims. (Cl. 280—33.55.)



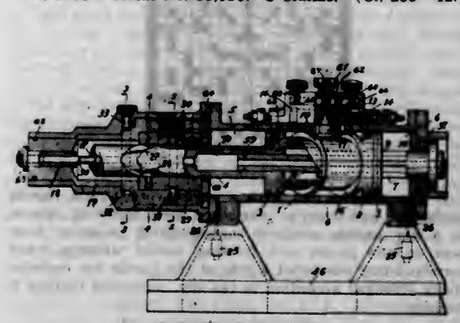
1. In a trailer, an axle provided at its ends with steering knuckles carrying traction wheels, steering arms and a tie rod connecting said steering knuckles, a drag link pivoted to one of said steering arms, a tongue pivoted to the vehicle and adapted to be attached to another vehicle for towing, a bow rigid with the axle extending rearwardly thereof, a steering member pivoted to the axle having an adjustable extension forwardly of its pivot point connected with the tongue for turning and an extension rearwardly of its pivot point connected with the drag link for steering, said steering member having a socket, a spring-pressed plunger in said socket having a nose adapted to travel over said bow, said bow having a recess adapted to engage the nose of the plunger to releasably hold the same to prevent turning movement of the steering member.

1,625,210. JAR HANDLE AND METHOD OF PRODUCING SAME. ARTHUR S. HUNTINGTON, Omaha, Nebr. Filed Apr. 15, 1926. Serial No. 102,161. 2 Claims. (Cl. 215—100.)



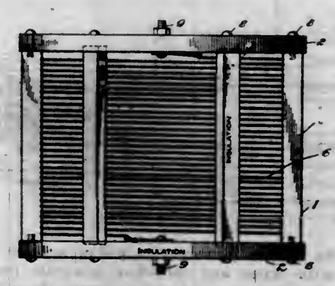
1. In a handle for a jar having an apertured lug, a sleeve providing a hand hold, a pair of opposed strands bent near their respective ends to provide rectilinear terminal portions for engaging in said lug and said sleeve, said strands intermediate their rectilinear terminal portions being swung about each other approximately 360 degrees into intertwined relation.

1,625,211. ELECTRIC-DRIVEN ROCK DRILL AND AUTOMATIC HAMMER AND BORING MACHINE. EDWARD P. JONES, Breckenridge, Colo. Filed Mar. 16, 1925. Serial No. 16,016. 3 Claims. (Cl. 255—42.)



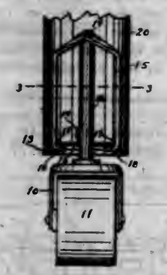
1. An automatic hammer, a hammer element controlled by a rotatable and slidable piston, a driving groove in said piston, a drive member coacting with said groove, and a slidable carriage supporting said drive member.

1,625,212. COIL AND SUPPORT FOR SAME. LELAND L. KARAS, Chicago, Ill. Filed Feb. 20, 1926. Serial No. 89,626. 4 Claims. (Cl. 175—359.)



1. In electrical apparatus, a helical coil, and a supporting cage comprising supporting elements and disposed longitudinally of the coil, said elements being identical and being identically notched to receive and separately support the convolutions of the coil and means for holding said supporting elements in spaced relationship about the circumference of said coil and axially offset in progressive relationship to each other so that their coil notches will conform to the pitch of the windings of said coil.

1,625,213. CASTER CENTERING AND RETAINING DEVICE. ROBERT S. KIRKPATRICK, Des Moines, Iowa, assignor to J. B. Ladd, Des Moines, Iowa. Filed Oct. 6, 1922. Serial No. 592,680. 5 Claims. (Cl. 16—39.)

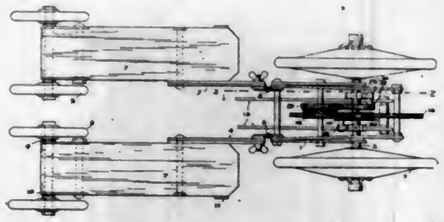


2. The combination with a load object having a socket opening and a caster having a stem of less diameter than said opening, of a centering and retaining device comprising a bearing disk pivotally mounted on said stem and adapted to engage the lower end of said load object, said disk being formed with a central boss adapted to project upwardly within the socket opening, and a one-piece spring yoke carried by said disk in embracing relation to said stem and having a cupped step bearing on the upper end thereof, said boss being formed with diametrically opposed slots in its peripheral wall, said yoke having inturned flanges at its lower ends adapted to enter said slots, whereby said yoke may yield laterally for frictional engagement with the walls of said socket, the inturned flanges of said yoke being radially movable in a plane between the body and boss of said disk.

1,625,214. VELOCIPEDE. PAUL KUHNEL, San Francisco, Calif. Filed Sept. 27, 1923, Serial No. 665,089. Renewed Sept. 7, 1926. 1 Claim. (Cl. 208—113.)

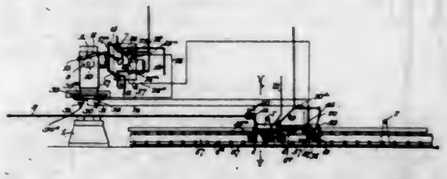
A velocipede of the character described comprising a main frame, an axle on the main frame, wheels mounted on the axle, a pair of trailers pivoted to the main frame

so as to swing rearwardly thereof, on which trailers the operator stands, wheel supporting each of the trailers, and means for driving the wheels for the main frame to



propel the vehicle forwardly including a lever pivoted to the main frame and extending upwardly therefrom, which lever serves as a means for steering the velocipede.

1,625,215. SPACING TABLE. WILLIAM A. LACKE, Chicago, Ill. Filed Sept. 12, 1923. Serial No. 662,186. 53 Claims. (Cl. 164—115.)



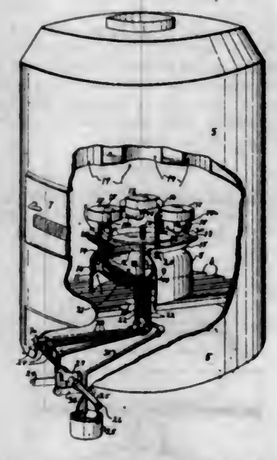
1. In combination with a punch press, a spacing device comprising a cylinder, a piston therein, means for effecting movement of the piston and cylinder relatively to each other and in the same direction, and plate gripping means carried by one of said movable members.

1,625,216. SIGN. JAMES LEMKE, Jr., Troy, N. Y. Filed Sept. 16, 1926. Serial No. 135,777. 2 Claims. (Cl. 40—140.)



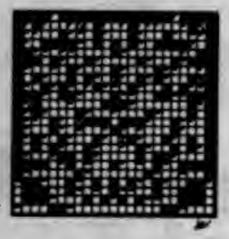
1. A support; a frame having spaced apart members; screw-mechanism extending through said frame in engagement with said support; pins projecting from the face of said frame-members; a character-displaying member extending between said frame members and having perforated ears in engagement with pins on the respective frame members, the length of said pins being greater than the thickness of said ears; and clamping members cooperative with the respective frame members to maintain the apertured ears of said character-displaying member in engagement with the pins on the respective frame-members, said clamping members being formed with openings to receive the ends of the respective pins, and with other openings to engage said screw-mechanism, all of said openings being elongated to permit when the screw-mechanism is loosened lateral movement of the clamping members to release said ears from said pins without disconnecting said frame from its support.

1,625,217. OIL BURNER. CHARLES B. LONGVILLE, St. Paul, Minn. Filed Apr. 26, 1926. Serial No. 104,784. 3 Claims. (Cl. 158—63.)



1. An oil burner comprising a cylindrical hollow base contracted at its top and arranged to receive air into its bottom opening, a truncated funnel resting on said top, a funnel-shaped pan mounted centrally in and spaced from the sides of the cylindrical base, a series of oil delivering pipes extending upwardly through apertures in the truncated funnel and in the contracted top of the base piece, a gas generator mounted on each of said pipes and having a gas burner arranged underneath it and receiving gas from the generator, a central stud fixed in the middle of the pan, and a circular baffle plate centrally threaded on the stud above the central opening in the truncated funnel, and means controlling independently the flow of oil through each of said oil delivery pipes.

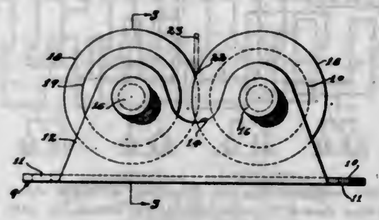
1,625,218. CROSS-WORD PUZZLE. ROBERT R. LUNDY, South Bend, Ind. Filed June 15, 1925. Serial No. 37,274. 3 Claims. (Cl. 283—1.)



1. The combination with a cross word puzzle having horizontal and vertical numbered word-receiving spaces, of a key having numbers corresponding to space numbers on the puzzle and forming means whereby when corresponding numbered words of the puzzle are consecutively arranged according to the key, connected reading is formed.

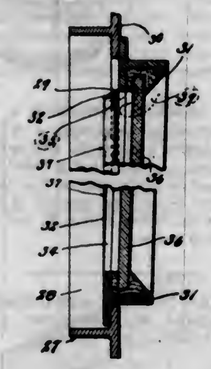
1,625,219. KNIFE SHARPENER. WILLIAM H. MCCALL, Philadelphia, Pa. Filed Sept. 2, 1922. Serial No. 585,874. 2 Claims. (Cl. 76—89.)

1. In a sharpener for edge tools having cutting disks and spacing disks rotatably mounted on shafts, a support having a flat bottom portion with apertures near its ends and upwardly extending side portions for supporting the shafts, the side portions being shorter than the bottom



portion and having their ends cut away at such an angle as to provide planes for guiding bevel edged tools while being sharpened.

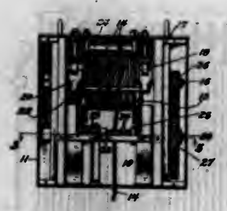
1,625,220. WINDOW CONSTRUCTION. JOHN MESKER and BERNARD T. MESKER, St. Louis, Mo., assignors to Mesker Brothers Iron Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 5, 1925. Serial No. 13,311. 13 Claims. (Cl. 189—69.)



1. In a metallic window construction, the combination of a casing frame provided with flanges disposed in a vertical plane and having web portions extending laterally, and a sash frame operatively mounted in said casing frame and having its flanges disposed in a vertical plane, and web portions extending laterally in a direction opposite to the web portions of the casing frame, the flanges of the sash frame being adapted to enter into overlapping relation with the flanges of said casing frame and the outer edges of the sash frame terminating in close proximity to the web portion of the casing while the inner edges of the casing frame terminate in close proximity to the web portion of the sash thereby diverting the line of contact between the flanges in opposite directions and at right angles to the planes of the coacting surfaces of said flanges.

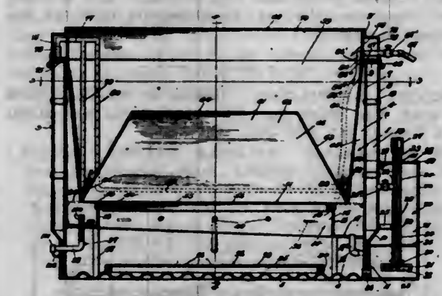
1,625,221. AUTOMATIC FIRE ESCAPE. GEORGE NYKOLYSHAK, Jersey City, N. J. Filed May 22, 1925. Serial No. 32,156. 6 Claims. (Cl. 227—22.)

1. A fire escape comprising a frame, a shaft journalled therein, a reel fixedly mounted on said shaft, a cable normally wound about said reel, brake means operable by said cable for controlling the rotation of said shaft upon the paying out of said cable, a second shaft, means for transmitting motion between said shafts, and a spring means adapted to be placed under tension by the rotation of said last mentioned shaft upon the paying out of said



cable when a pull is applied to the free end of the same whereby to automatically rewind said cable about said reel upon the release of said pull.

1,625,222. DISTILLING APPARATUS. ERNON VELSOR OLIVER, Portland, Oreg. Filed Oct. 3, 1921, Serial No. 505,004. Renewed Oct. 6, 1924. 15 Claims. (Cl. 203—5.)

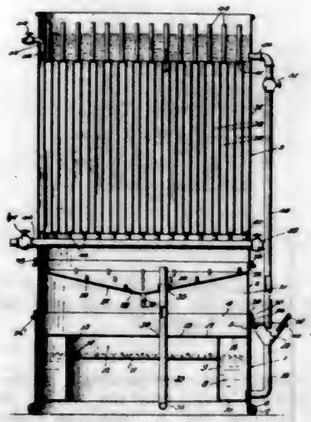


13. In apparatus of the class described, a shell having a well in its bottom, means within the shell to receive water of condensation, a condenser within the shell to deliver water condensed thereby to the said receiving means, a reservoir in communication at its lower portion with the well, a water supply pipe within the reservoir, a valve within the pipe for controlling the supply of water therethrough to the reservoir, a float for controlling the valve, the reservoir being open at its top and the said pipe extending at its upper end above the open top of the reservoir, and lid sections hingedly mounted at opposite sides of the open top of the reservoir and recessed at their meeting sides to accommodate the pipe, said meeting sides of the section being provided with coacting flanges to provide a fluid-tight closure between the sections.

1,625,223. WATER STILL. ERNON V. OLIVER, Portland, Oreg. Filed Dec. 4, 1923. Serial No. 678,450. 2 Claims. (Cl. 203—5.)

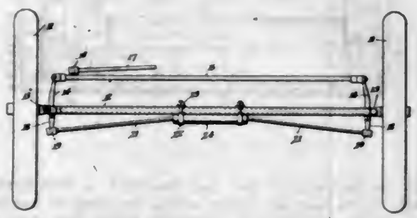
1. In distilling apparatus, a condenser comprising alternately arranged concentric annular condensation and cooling-fluid chambers, the former being open at their bottoms, and the latter open at their tops, means for supplying the vapors to be condensed to the space below the open bottoms of the condensation chambers, a cooling-fluid

supply pipe extending diametrically beneath the assemblage of chambers, branches leading from the pipe to the bottoms of the said cooling-fluid chambers at diametri-



cally opposite points upon the bottom of each chamber, and means for collecting the condensate from the condensation chambers.

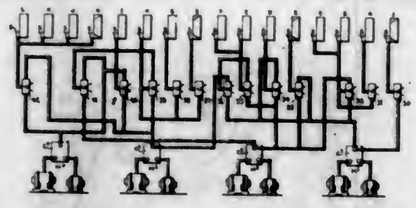
1,625,224. STABILIZER. JOSEPH M. SEAWELL, Richmond, Va. Filed Nov. 18, 1925. Serial No. 69,890. 2 Claims. (Cl. 280—89.)



1. In a vehicle steering mechanism including wheels, an axle, steering knuckles associated with said wheels and axle, a steering knuckle arm on each of said steering knuckles, a reach rod connecting said steering knuckle arms, and yielding stabilizing means connecting said steering knuckles exerting resilient pressure thereon and maintaining said pressure constant in all steering positions of said wheels, and a fixed guide for part of said yielding stabilizing means guiding said stabilizing means in a straight line.

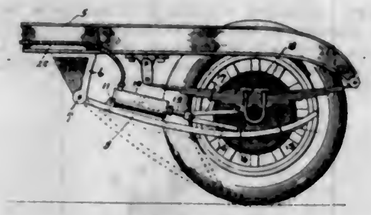
1,625,225. CONTROL SYSTEM FOR PRINTING PRESSES. EDWIN W. SEEGER, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed July 11, 1925. Serial No. 42,899. 5 Claims. (Cl. 172—239.)

1. In combination a plurality of driven and motor driving units, drive commutating means therebetween to connect said units in different combinations, a controller for each of said driving units, a control station of each of said driven units, circuit commutating means between said controller and said stations including switches to connect said controllers and said stations in



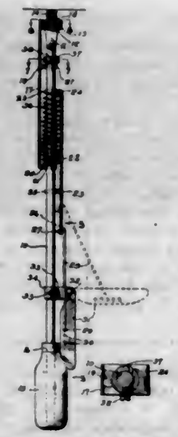
different combinations corresponding with the drive commutations and a common operating means for said commutating switches.

1,625,226. AUTOMOBILE BRAKE AND JACK. CLAUDE SIMMONS, Reno, Nev. Filed Dec. 22, 1925. Serial No. 77,053. 1 Claim. (Cl. 188—5.)



Vehicle brake apparatus comprising a pivoted brake adapted to contact with the ground, a cylinder pivotally mounted on said brake, a piston in said cylinder, a piston rod for said piston, a second rod pivoted to said piston rod at one end and to said brake at its other end, and a third rod pivoted at both ends, one end of the same being pivoted to one of the other said rods and the other end to a relatively fixed support.

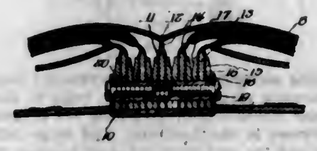
1,625,227. SCREW-DRIVER ATTACHMENT. ALTON W. STAUPE, Foxboro, Wis. Filed Dec. 7, 1925. Serial No. 73,791. 4 Claims. (Cl. 145—52.)



1. In combination with a screw driver having a stem, a bit and a handle, a clamping member slidably mounted on the stem to engage a screw and hold it against the bit,

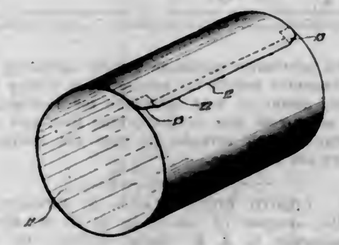
a tension member slidably mounted on the stem, a lever carried by said stem operatively connected to said tension member to move it toward and from the bit, and a spring operatively engaging said clamping and tension members to urge said clamping member in a direction toward said handle when said tension member is drawn away from the bit.

1,625,228. ADVERTISING PORTFOLIO. LOUIS STEIN, Chicago, Ill. Filed Aug. 10, 1925. Serial No. 49,184. 1 Claim. (Cl. 281—24.)



The combination of a folio and an anchoring means therefor comprising a strip of thin flexible fabric, said folio being stitched directly to said strip substantially along the median line of the strip and the strip being folded upon itself along said median line, and a relatively rigid member to which the portions of the folded strip on opposite sides of said median line are secured, the upper edge of said member terminating a short distance below the line of fold so that the upper edge portion of the folded strip projecting above said member constitutes a flexible connection between the folio and the rigid portion of the strip when the latter is held stationary.

1,625,229. CAN BODY AND METHOD OF FORMING THE SIDE SEAM THEREOF. CHARLES STOLLBERG, New York, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 16, 1925. Serial No. 23,478. 11 Claims. (Cl. 113—112.)



1. The method of forming side seams of can bodies, which consists in interengaging the edges of a blank provided with air vents in the seam area, and applying solder in fluid condition and from the exterior of the seam to the interengaged edges in direction to drive the air therefrom through said vents.

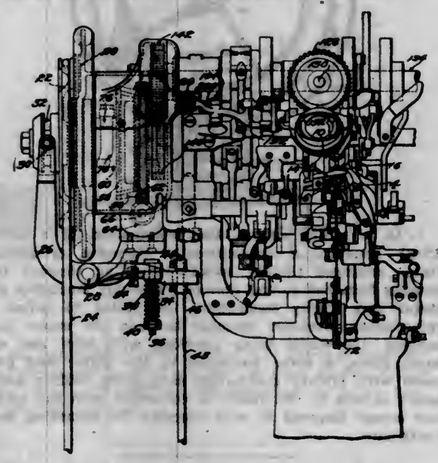
1,625,230. OIL-WELL PUMP. CHARLES B. THURSTON, Oildale, Calif., assignor of one-third to Winfield S. Buchner and one-sixth to Robert B. Thurston, Oildale, Calif. Filed Mar. 10, 1926. Serial No. 93,653. 2 Claims. (Cl. 103—180.)

1. An oil well pump including a casing having a standing valve shoe, a standing valve body fitted in the shoe, a stationary tubular plunger located in the casing, an extension between the lower end of the plunger and the standing valve body, an external coupling between the plunger and its extension, a reciprocable working barrel having a jacket and liners within the jacket and extending from end to end thereof, an adapter connected with the lower end of the jacket and supporting the



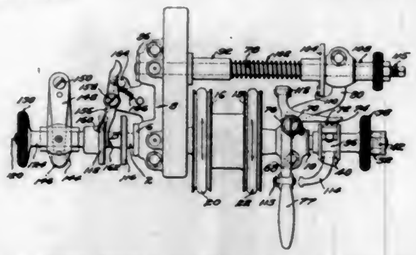
liners at their lower end, a bushing connected to the upper end of the jacket and holding the liners against the adapter, a traveling valve mounted on said bushing, a jacket extension carried by the adapter, and a pull nut carried by the lower end of the jacket extension and engageable with the coupling.

1,625,231. SEWING MACHINE. LAURENCE E. TOPHAM, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Apr. 29, 1918, Serial No. 231,335, and in Canada Apr. 8, 1918. Renewed July 14, 1922. Serial No. 574,979. 37 Claims. (Cl. 112—180.)



1. A sewing machine, having, in combination, stitch forming devices, a bodily stationary thread supply holder, and movable mechanism controlled from the thread on the supply holder for indicating when less than a predetermined amount of thread is left on the supply holder.

1,625,232. BOBBIN-WINDING MACHINE. LAURENCE E. TOPHAM, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Apr. 30, 1918, Serial No. 231,611. Renewed Nov. 30, 1925. 16 Claims. (Cl. 242—20.)



1. A bobbin winding machine having, in combination, a winding shaft, driving connections for driving the shaft in reverse directions, a registering mechanism for registering the revolutions of the winding shaft during the first part of the winding operation, and means controlled by the registering mechanism for shifting the driving connections to cause a comparatively short predetermined length of thread to be wound on the bobbin in one direction and the remainder of the thread to be wound on the bobbin in the opposite direction.

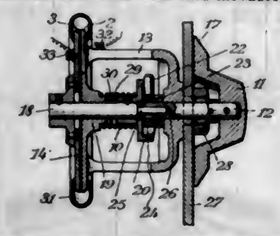
1,625,233. ROTARY ENGINE. ARTHUR J. WILLIAMS, Nashville, Tenn., assignor of one-fourth to Cheever J. Cameron, one-fourth to William F. Glenn, jr., and one-fourth to Ivo B. Glenn, Nashville, Tenn. Filed Aug. 23, 1922. Serial No. 583,842. 6 Claims. (Cl. 121—76.)



1. In a rotary engine, the combination of a cylindrical housing, a concentrically disposed cylindrical stator arranged therein, means extending through the housing from end to end thereof removably mounting the stator and fixedly suspending the stator to define a surrounding lubricant chamber between the stator and housing, the stator being provided with inlet and exhaust ports, a rotor journaled in the stator and provided with pistons controlling said ports, sliding abutments carried by the stator to cooperate with the rotor, and means disposed in said chamber for actuating said abutments.

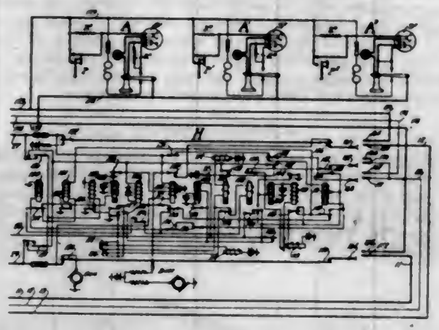
1,625,234. WIRELESS APPARATUS. GERARD FRANCIS WITTGENSTEIN, Zurich, Switzerland. Filed Feb. 16, 1926, Serial No. 88,643, and in Switzerland July 18, 1925. 2 Claims. (Cl. 172—41.5.)

1. An apparatus of the type described, comprising in combination, a condenser having a stationary plate and a movable plate adapted to be parallel displaced to the stationary plate, a knob turnably mounted by means of a shaft, a cam and a roller cooperating with said cam and operatively connected to said knob, means interposed between said cam and roller and said movable plate where-



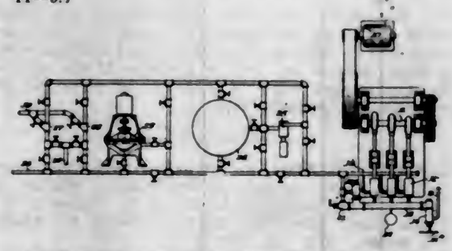
by a turning movement of said knob causes a displacement of said movable plate, the cam face being so shaped that the angular movements of said knob are proportional to the differences in the frequency, and stops defining the minimum and the maximum distances between the plates.

1,625,235. AUTOMATIC TELEPHONE SYSTEM. JOHN I. BELLAMY, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed July 8, 1921, Serial No. 483,117. Renewed Feb. 4, 1926. 23 Claims. (Cl. 179—17.)



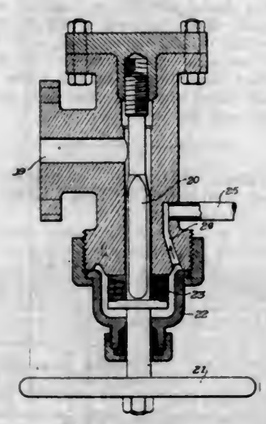
1. In an automatic telephone system including party lines, a connector switch for connecting a calling and a called line, means in said connector for reversing the direction of current flow in the calling line, and means for preventing such reversal in case the calling and called lines are the same.

1,625,236. LIQUID FUEL. LEWIS N. BOWMAN, Chicago, Ill., assignor of one-eighth to H. H. Harrison and one-eighth to A. R. White, Chicago, Ill. Filed July 13, 1925. Serial No. 43,370. 4 Claims. (Cl. 44—9.)



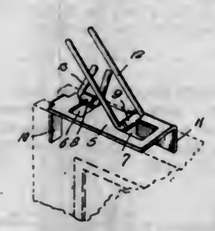
1. A liquid fuel obtained by passing a residual oil containing free carbon in temporary suspension between a pair of closely contiguous surfaces under relatively extremely high pressure.

1,625,237. LIQUID FUEL. LEWIS N. BOWMAN, Chicago, Ill., assignor of one-eighth to H. H. Harrison and one-eighth to A. R. White, Chicago, Ill. Filed Aug. 1, 1925. Serial No. 47,553. 3 Claims. (Cl. 44—9.)



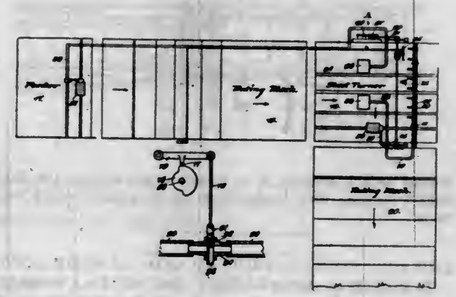
1. A liquid fuel obtained by passing a residual oil from petroleum distillation containing free carbon in temporary suspension between closely adjacent surfaces at high pressure and high velocity and causing an abrupt change in the direction of flow of said oil.

1,625,238. SASH FASTENER. JOHN J. BRADLEY, West Springfield, Mass. Filed July 24, 1925. Serial No. 45,868. 1 Claim. (Cl. 292—54.)



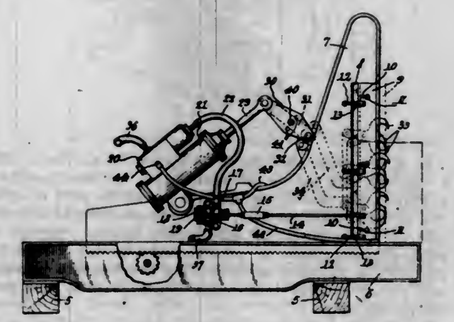
A sash fastener of the class described including a supporting member comprising a base plate adapted to be rested on the upper side of the upper rail of a sash and having an integral depending tongue at one end and an integral depending flange at one side, portions of the plate being partially cut therefrom and rolled to form a pair of sleeves, the axis of one sleeve extending longitudinally of the plate and the axis of the other sleeve extending transversely thereof, and a pair of wire U-shaped jacks having their intermediate portions rotatable in the sleeves, the legs of one jack being angularly disposed in relation to each other and one longer than the other.

1,625,239. FEEDING MECHANISM FOR RULING MACHINES AND THE LIKE. ALBERT BROADMEYER, Harrisburg, Pa., assignor to The W. O. Hickok Manufacturing Company, Harrisburg, Pa., a Corporation of Pennsylvania. Filed Apr. 8, 1926. Serial No. 100,699. 33 Claims. (Cl. 271—27.)



1. In apparatus of the character set forth, the combination with two instrumentalities for successively operating on sheets, of a drive shaft, cams driven by the shaft for periodically operating said instrumentalities, and means for connecting and disconnecting the cam that operates the first instrumentality.

1,625,240. SAWMILL-DOG-ACTUATING MECHANISM. JAMES M. BROPHY, Hattiesburg, Miss. Filed Jan. 21, 1926. Serial No. 82,819. 14 Claims. (Cl. 143—125.)

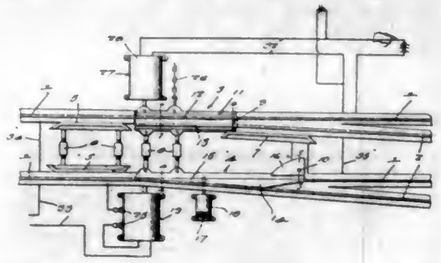


1. In combination with a saw mill carriage and the dogs thereof, means for actuating the dogs, said actuating means being controlled by the movement of a log onto the saw mill carriage.

1,625,241. RAILROAD SWITCH. PERRY O. BROWN, St. Vincent, Minn., assignor of one-half to Gustaf V. Backstrom, St. Vincent, Minn. Filed July 11, 1925. Serial No. 43,016. 5 Claims. (Cl. 246—416.)

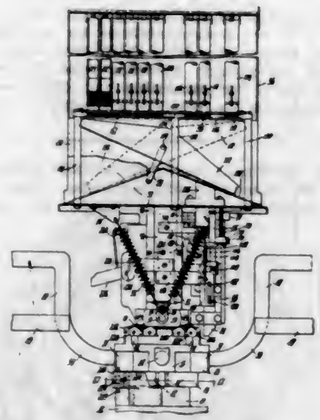
4. In a railway switch structure of the class described, a relatively short section embodying spaced parallel rails

adapted to be alined at one end either with the ball portion of a main rail or the ball portion of a side rail, a



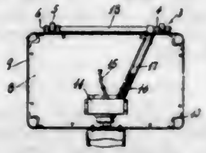
second switch section of a length greater than the first named section, and connections between said switch sections.

1,625,242. COIN-CONTROLLED AND CHANGE-MAKING TURNSTILE APPARATUS. DANIEL L. CHANDLER, Worcester, Mass., assignor, by mesne assignments, to William H. Whitcomb, Newton, Mass. Filed June 30, 1924. Serial No. 723,399. 52 Claims. (Cl. 194—92.)



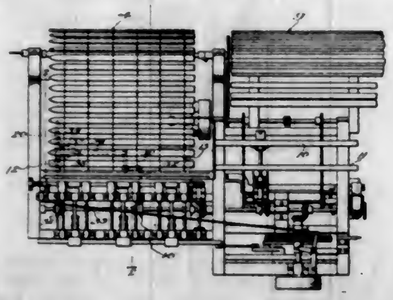
1. A coin controlled turnstile apparatus provided with a coin slot and having, in combination, a rotary member, locking means normally positioned out of the path of rotation of said rotary member, and mechanism rendered operable by the rotation of said rotary member through a predetermined angle to position said locking means in the path of rotation of the rotary member and prevent said rotary member from being rotated beyond said predetermined angle.

1,625,243. QUICK-ACTION WAFFLE IRON. LOUIS CONTZ, Long Beach, Calif. Filed Nov. 27, 1925. Serial No. 71,632. 2 Claims. (Cl. 219—19.)



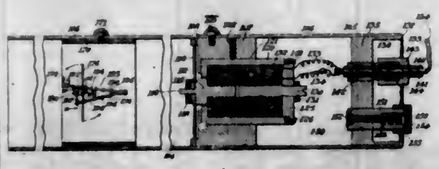
2. An electrically heated waffle iron comprising a rectangular lower plate, a rectangular upper plate, lugs on said lower plate and upper plates, a pin extending through said lugs whereby the plates are hinged together, the abutting faces of said plates being formed with short protuberances set close together, a heating coil in said lower plate, a heating coil in said upper plate, a switch mounted on the bottom of said lower plate adjacent the forward edge thereof and electrically connected to the coil in the lower plate, a tube extending over said pin between the lugs, a conduit on the bottom of the lower plate extending from said switch position to the tube, a second conduit extending from said tube to the upper plate and secured to said upper plate, a lead extending through said tube and conduits to the coil in the upper plate, an apron depending from the lower plate, legs secured to said apron and insulating pads positioned between said legs and the apron.

1,625,244. FENCE MACHINE. JOSEPH M. DENNING, Denver, Colo. Filed Mar. 7, 1925. Serial No. 13,728. 6 Claims. (Cl. 140—26.)



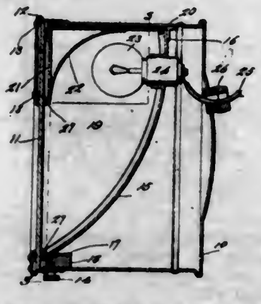
1. In a machine for the manufacture of picket fencing, having cross pickets together with longitudinally extending strand wires joining said pickets together, the combination of means for continuously advancing the fencing in the direction of the strand wires, a frame bar mounted for movement towards and from the line of travel of the pickets of said fencing, a pair of cutters on said frame bar movable parallel to the length of the pickets, means for raising the frame bar to present the cutters at the sides of a picket, and means for moving the cutters longitudinally of the picket to thereby trim the sides of the picket, substantially as described.

1,625,245. RECEIVING SYSTEM FOR COMPRESSIONAL WAVES. HERBERT GROVE DORSEY, Gloucester, Mass., assignor to John Hays Hammond, jr., Gloucester, Mass. Filed June 22, 1918. Serial No. 241,330. Renewed June 20, 1925. 11 Claims. (Cl. 181—0.5.)



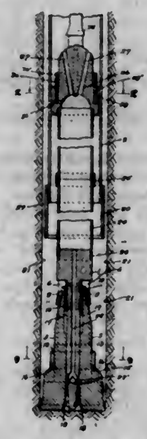
8. A receiver for compressional waves, comprising a hollow member, a diaphragm arranged to produce compressional waves in said hollow member, a second hollow member communicating with and spaced from said first-mentioned member, yielding sound absorbing means connecting said members, and a diaphragm carried by said second member and arranged to respond to compressional waves produced therein as the result of the action of said first-mentioned diaphragm.

1,625,246. HEADLIGHT. GEORGE W. DRAPER, Bristol, Conn. Filed Apr. 6, 1925. Serial No. 21,105. 2 Claims. (Cl. 240—41.)



1. A head lamp comprising a casing, a lens therefor, a retaining ring including a segmental portion disposed in advance of and extending an appreciable distance downwardly on the lens, a curved reflector, a lining formed in one piece to conform to the shape of the casing and said reflector and positioned forwardly of said reflector, said lining including an apron depending from the forward edge thereof and terminating in a plane with the lower edge of the segmental portion of the ring, and arranged at the opposite side of the lens, a curved plate connecting the apron with the upper portion of the lining, and an electric light bulb supported by the reflector and directly behind said plate.

1,625,247. COLLAPSING OIL DRILL. BENJAMIN B. DUDLEY, Visalia, and EDWARD R. DUDLEY, Piedmont, Calif. Filed Aug. 24, 1925. Serial No. 52,238. 3 Claims. (Cl. 255—75.)



1. A well drill comprising a body with jaws slidable longitudinally thereon from a collapsed to an expanded position, and shoulders on said body and jaws adapted to engage one another when the jaws are expanded, and a lug on each of said jaws engaging a portion of the body when the jaws are collapsed, said lug and portion presenting spaced points of contact.

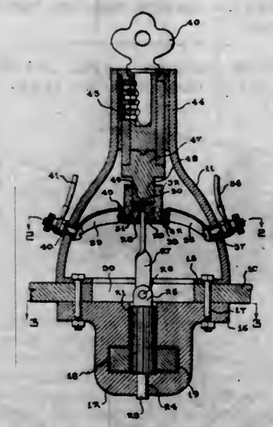
1,625,248. ELECTRIC-MINIATURE-LAMP HOLDER. REUBEN ECKSTEIN, New York, N. Y. Filed Feb. 10, 1922. Serial No. 535,633. 3 Claims. (Cl. 173—358.)

8. A clothes pin like structure forming a holder for miniature electric lamps and comprising a body having integral depending clamping jaws, the end of the body opposite said jaws being counterbored, and a metallic



lamp socket shell fitted into said counterbored end, said body having a central passage adapted to receive conductor wires from said shell.

1,625,249. AUTOMOBILE LOCK. MANSOUR FARAH, El Paso, Tex. Filed Aug. 20, 1925. Serial No. 51,421. 2 Claims. (Cl. 70—127.)

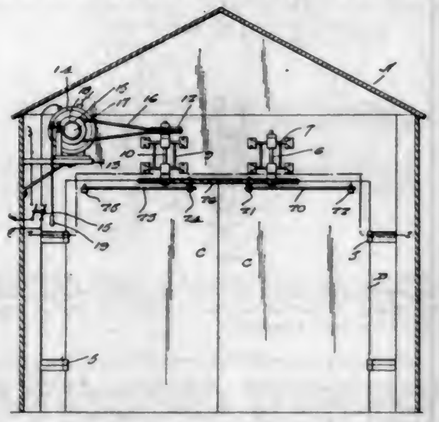


1. In a motor vehicle, a transmission casing having shifter rods reciprocal therein, and a cover with an opening, an upstanding casing having an inturned flange about its base adapted to form an opening to register with the opening in said transmission cover, a locking bar mounted in said upstanding casing and adapted to be rotated by a key inserted at the upper end of the casing, a guide member having an outwardly extending flange and adapted to fit upon the lower surface of the transmission cover, bolts for securing together said transmission cover and the flanges of said upstanding casing and said guide member, a gear rotatably mounted in said guide member, connecting means between the gear and locking bar for rotating the gear with said locking bar, and movable members in said guide member adapted to be actuated by the rotation of said gear for locking the shifter rods of said transmission against movement.

1,625,250. DOOR-OPERATING MECHANISM. THOMAS M. FERGUSON, Stillwater, Minn. Filed May 1, 1925. Serial No. 27,245. 1 Claim. (Cl. 268—68.)

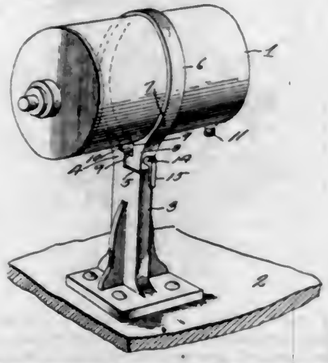
In combination, a building having a doorway, a pair of doors hinged in the doorway, brackets above the doorway, shafts journaled in the brackets one to each side of the center of the doorway and between the sides thereof, sprockets on the lower ends of the shafts, a chain trained

over the sprockets, a pulley on the upper end of one of said shafts, a prime mover supported above, and to one side of the doorway and including a pulley, a belt trained



over the pulleys, and pitman rods connected eccentrically to the sprockets and engaged with the doors adjacent their hinged edges.

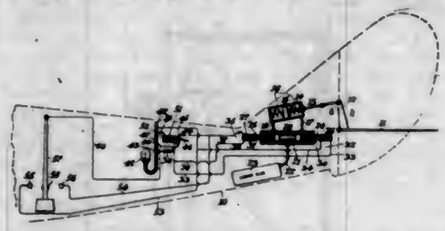
1,625,251. WORK HOLDER. BUELL FODGE, Detroit, Tex. Filed Mar. 8, 1926. Serial No. 93,181. 1 Claim. (Cl. 29—89.)



A work holder comprising a vertically disposed support, the upper end of said support terminating at one side thereof in an upwardly extending arm thereby forming a recess, a contractible band, one end of the contractible band being carried by the upwardly extending arm of the support, the other end of said band terminating in a downwardly extending arm disposed in the recess in the upper end of the support, a bolt extending through the upwardly extending arm of the support and the downwardly extending arm of the band, and a cam lever carried by said bolt and cooperating with the downwardly extending arm, whereby said arm may be forced inwardly and the band contracted.

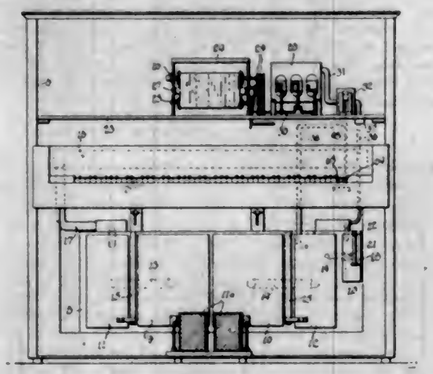
1,625,252. CONTROL SYSTEM FOR AIRCRAFT. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Feb. 5, 1919. Serial No. 275,174. 18 Claims. (Cl. 244—29.)

18. The combination with an aircraft, a horizontal rudder for steering said aircraft in its normally vertical plane, a barometer carried by said body and operatively connected to said rudder and preadjusted to remain inert only when external atmospheric pressure thereon is within certain predetermined limits for controlling said rudder, and arranged to control the rudder to steer the aircraft towards the level having atmospheric pressure within the predetermined limits, and a receiving circuit including a receiving element responsive to radiant



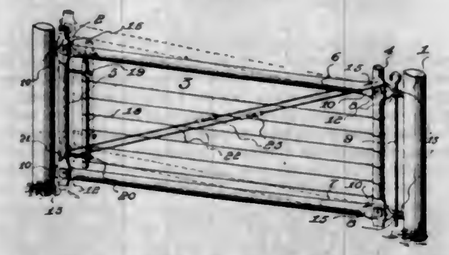
energy, a detector for the received energy, and means controlled thereby for varying the predetermined pressure range of the barometer to vary the normal altitude of the aircraft at will.

1,625,253. PLAYER-PIANO MECHANISM. STILLWELL R. HARCOURT, Chicago, Ill.; Martha D. Harcourt, administratrix of said Stillwell R. Harcourt, deceased. Filed Nov. 1, 1922. Serial No. 598,262. 7 Claims. (Cl. 84—130.)



1. In an automatic music instrument, the combination of note sheet means, a pneumatic motor for moving said note sheet means, a source of suction, a suction conduit connecting said source and said motor for transmitting the suction from said source to said motor, and means for venting atmosphere directly into the suction connection between the source and motor to decrease the effectiveness upon the motor of a given suction from said source without throttling the suction source or changing the suction therefrom.

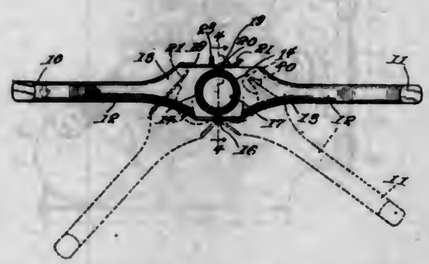
1,625,254. GATE CONSTRUCTION. WILLIAM HODDS, Golden City, Mo. Filed Oct. 23, 1925. Serial No. 64,414. 5 Claims. (Cl. 256—73.)



1. A gate comprising top and bottom bars and end bars hinged to the first mentioned bars, said bars being

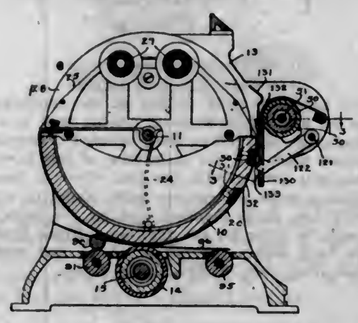
tubular in construction and flattened at the points of intersection, the end bars being extended above the top bar and provided with sockets for the reception of secondary posts.

1,625,255. HOSE HOLDER. BURNIE HUDGINS, Kenova, W. Va. Filed Oct. 28, 1925. Serial No. 65,461. 1 Claim. (Cl. 294—15.)



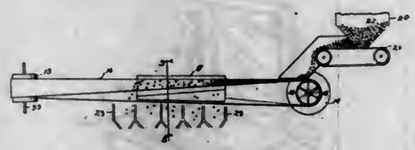
A hose holder of the character described comprising handle members providing substantially enlarged inner ends having semicircular cut-out portions arranged within their meeting ends, a hinge being associated to the undersides of the inner enlarged ends, a spring hasp secured to the upper side of one of the enlarged ends and extending an appreciable distance over the opposite enlarged end and terminating in an upwardly extending end portion, said hasp having an opening adjacent the upwardly extending end portion a yoke straddling the spring hasp upon the respective enlarged portion, and a lug provided upon the upper side of the opposite and companion inner enlarged end and providing a forwardly inclined surface thereon for engagement with the upwardly extending end portion of the spring hasp in automatically bringing the positioning lug within the corresponding opening provided in the spring hasp whereby the gripping surfaces will be locked upon a hose.

1,625,256. PAPER DETECTOR FOR PRINTING MACHINES. JOHN A. HOLT, Cleveland, Ohio, assignor to The American Multigraph Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 20, 1926. Serial No. 110,432. 18 Claims. (Cl. 101—53.)



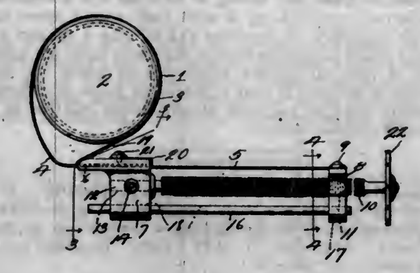
1. In a machine of the character described, the combination of a form for the body of a letter, a changeable form for an address, a platen coacting with both forms, a second platen adapted to cooperate with the address form only, and a paper detector responsive to the presence or absence of an envelope for controlling the envelope platen.

1,625,257. APPARATUS FOR SEPARATING MAGNETIC MATERIAL FROM NONMAGNETIC MATERIAL. LEIF J. INGOLFSAUD and WILLIAM H. SOULE, Coniston, Ontario, Canada. Filed Feb. 9, 1925, Serial No. 7,861, and in Canada Mar. 31, 1924. 2 Claims. (Cl. 209—225.)



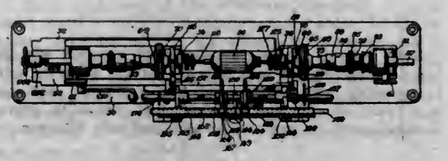
1. In a magnetic separator, an endless travelling belt, said belt being mounted to travel at a gradually increasing inclination sideways to its direction of motion, magnets mounted adjacent to the underside of the belt, means for feeding the material to be separated on to the upper surface of said belt, and means to gather the graded material as it falls from the belt.

1,625,258. PISTON-RING CONTRACTOR. MARTIN JELBERT, Jr., Lead, S. Dak. Filed May 5, 1925. Serial No. 28,118. 3 Claims. (Cl. 29—86.4.)



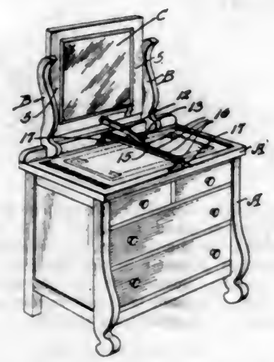
1. A ring contractor comprising spaced blocks, an operating screw threaded through one of the blocks and rotatably mounted in the other block, a guide rod carried by one of the blocks and slidably mounted in the other block, an expansible loop, one end of said loop terminating in a flat portion, said flat portion having its end anchored to one of the blocks and slidably mounted in a channel of the other block, the other end of said loop extending through the channel of said last named block and anchored to the outer side of the block.

1,625,259. BALANCING MACHINE. GUSTAVE T. JOHNSON, Chicago, Ill. Filed Sept. 1, 1920. Serial No. 407,431. 41 Claims. (Cl. 73—51.)



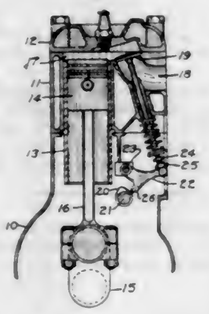
1. A balancing testing machine of the character described including in combination an inverted pendulum-structure having a certain unresisted rocking movement, means to rotatably mount the body to be tested on said pendulum-structure, and means to rotate said body synchronously with the natural period of oscillation of said pendulum-structure.

1,625,260. MIRROR ADJUSTER. CHARLES M. LEE, Shreveport, La. Filed Mar. 12, 1926. Serial No. 94,245. 1 Claim. (Cl. 45—18.)



A frame adjuster for furniture comprising an arm having means at one end for its pivotal connection to an adjustable frame and having at its other end a retaining projection, a bar having a solid body spaced above the top of the article of furniture and forming a support for said projection, and transverse shoulders upon the upper face of said bar against either side of which the projection is designed to abut to retain the frame at different opposite angular positions of adjustment relative to a vertical position thereof.

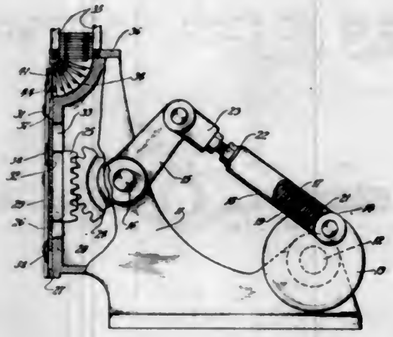
1,625,261. INTERNAL-COMBUSTION ENGINE. VINCENT LINK, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed Dec. 27, 1923. Serial No. 683,054. 13 Claims. (Cl. 123—90.)



1. In a device of the class described, a rocker arm having a curved seat, a cam follower having a curved outer face mating with said curved seat to permit oscillatory movement of said cam follower, and means to prevent disengagement of said rocker arm and cam follower.

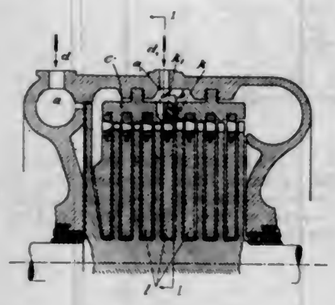
1,625,262. SEPARATING DEVICE FOR CAN CAPS OR THE LIKE. NICHOLAS LOESEL, Richmond Hill, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed May 13, 1925. Serial No. 29,945. 10 Claims. (Cl. 113—114.)

1. Apparatus for separating adjacent articles, as straight-flanged container closures or the like, comprising means for receiving the articles from a stack in which they are arranged in a horizontal plane and conducting them to a substantially vertical position with the edges



thereof spaced apart to facilitate separation of the articles for individual feeding, and combined therewith means for separating the articles at their spaced-apart portions and for feeding the separated articles.

1,625,263. ELASTIC-FLUID TURBINE. FRANZ LÖSEL, Brunn, Czechoslovakia. Filed Aug. 4, 1923. Serial No. 655,723, and in Austria Apr. 30, 1923. 16 Claims. (Cl. 253—69.)

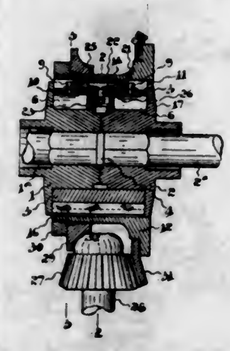


1. In an elastic fluid turbine of the multistage type, means for admitting additional driving fluid to an intermediate stage, said means being adapted to introduce the additional fluid into the main flow of the driving fluid substantially parallel with the axial direction thereof and including a series of separate guide blades in which are provided two guide channels, one for the main driving flow and the other for the additional diving fluid, and a carrier body within the turbine casing and with which are connected said separate guide blades.

1,625,264. DIFFERENTIAL DRIVE. AARON LOUGHEED, Port Arthur, Ontario, Canada. Filed July 10, 1926. Serial No. 121,589. 4 Claims. (Cl. 74—7.)

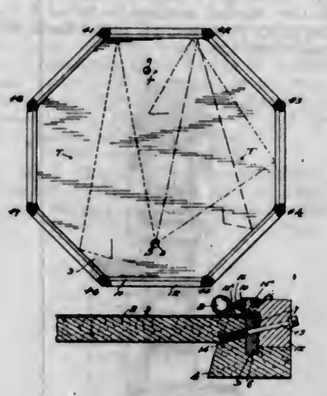
1. A drive connection comprising a shaft; a hub fitted on the shaft and having a driving connection therewith; an inner sleeve rotatable on the hub and having a recess formed therein adjacent said hub; a double pawl pivoted in said inner sleeve; teeth having oppositely directed

shoulders formed in the hub; an outer sleeve rotatable on the inner sleeve and having a recess formed therein adjacent the inner sleeve; an arm on said pawl extending through the inner sleeve into the recess in the outer



sleeve; a spring carrier fitted into the recess in the outer sleeve; and a bent spring formed with a loop held in said carrier and ends embracing the arm of the pawl and resiliently tending to retain said arm in a given position relative to the sleeve.

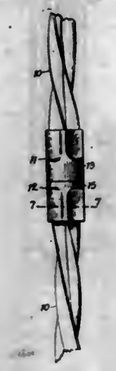
1,625,265. GOLF COURT. WILLIAM W. MALLOY, San Pedro, Calif. Filed Oct. 14, 1926. Serial No. 141,532. 3 Claims. (Cl. 273—87.)



1. The combination in a game of a ball, and a generally plane, smooth surface ball court having a surrounding ball cushioning wall; the margin of the court surface adjacent to the cushioning wall being slightly inclined inward and downward so as to cause the ball to gravitate from the wall to a playable position.

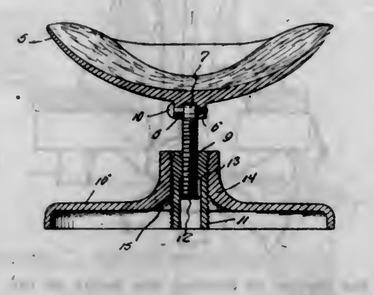
1,625,266. ROD COUPLING. CHARLES O. MAST, Covington, Ohio, assignor to Mast Lightning Rod Company, West Milton, Ohio. Filed May 12, 1926. Serial No. 108,586. 1 Claim. (Cl. 287—109.)

A sectional lightning rod comprising two sections each formed of a solid bar, having a plurality of fins extending spirally about the axis thereof except at the adjacent end portions, where the fins extend parallel to the axis, a coupling between said end-portions comprising two members threaded together at one end and crimped tightly about said parallel fins at their opposite ends, the



said portions each having an aperture extending transversely through the body thereof, and each coupling member, at the crimped end, having integral, oppositely disposed, rivet projections, dimensioned to occupy and to extend in abutting relation in the respective aperture.

1,625,267. HEADREST. FRANK E. MASTERS and WILLIAM A. HUSSEY, Tulsa, Okla.; said Hussey assignor to C. A. Mechling, Tulsa, Okla. Filed Jan. 12, 1926. Serial No. 80,776. Renewed Jan. 3, 1927. 2 Claims. (Cl. 27—13.)

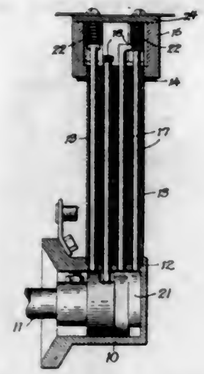


1. In a head rest of the character described, a plate formed with a central opening around which is an internally threaded sleeve, an externally threaded sleeve threaded within said first mentioned sleeve, and being internally threaded at its upper end, a bolt threaded within the upper end of the externally threaded sleeve, means for limiting the outward threaded movement of the bolt with respect to the sleeve, and a head rest carried by the upper end of the bolt.

1,625,268. TIMER. VIRGIL H. MATHES, Indianapolis, Ind. Filed Nov. 13, 1925. Serial No. 68,892. 4 Claims. (Cl. 200—27.)

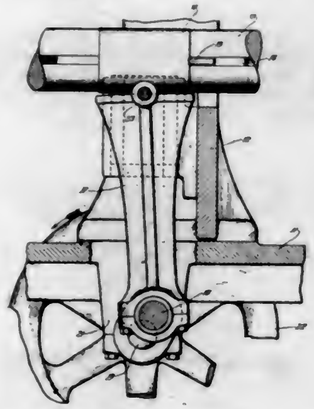
3. A timer comprising a casing, a housing, sleeves connecting said casing and housing, contacts within said housing, rods disposed in said sleeves, said rods having

their upper ends provided with lateral extensions overlying said contacts, insulated springs resting on said



lateral extensions, and a cover for said housing holding said insulated springs against said lateral extension, substantially as set forth.

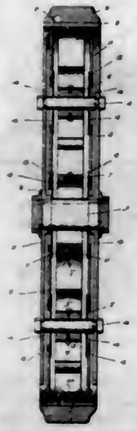
1,625,269. PROCESS AND APPARATUS FOR FORMING SIDE SEAMS ON CONTAINER BODIES. LELAND R. MCCANN, Hawthorne, N. J., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Mar. 23, 1925. Serial No. 17,604. 5 Claims. (Cl. 113—9.)



1. The process of forming side seams on can bodies which consists in interengaging the edges of said bodies, feeding the same along a forming mandrel, and then bumping said interengaged edges progressively from end to end of the seam with a reciprocating and rocking movement of the bumping means.

1,625,270. SPRING WHEEL. CIRO FIDEL MÉNDEZ, Mexico City, Mexico, assignor to Irving S. Cooper, Los Angeles, Calif. Filed Mar. 26, 1924. Serial No. 701,990. 3 Claims. (Cl. 152—28.)

1. In a spring wheel, the combination of a main hub; minor hubs connected with the main hub by radial elements; a series of circular casings, each surrounding one of said minor hubs; a rim connected with said casings; a said minor hubs; a rim connected with said casings; a series of semi-circular springs, each minor hub and its casing being provided with a pair thereof, each spring having one of its ends attached to the minor hub and its other end attached to the casing, the points of attachment of each spring being upon a diameter of the wheel; and a second series of semi-circular springs, each minor hub and its casing having a pair of springs



of said second series, each spring of said second series having one of its ends attached to a casing and its other end attached to a minor hub, the points of attachment of each spring being on a line parallel with a diameter of the wheel disposed at right angles to a first named diameter of the wheel.

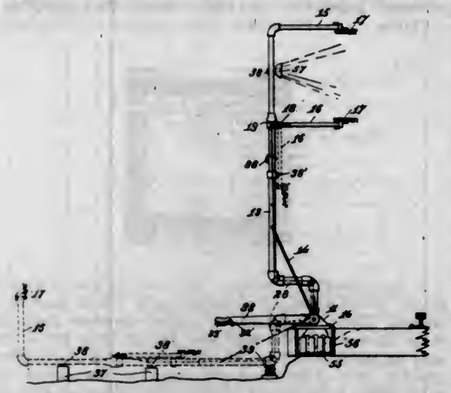
1,625,271. SPRING WHEEL. CIRO FIDEL MÉNDEZ, Mexico City, Mexico, assignor to Irving S. Cooper, Los Angeles, Calif. Filed Dec. 11, 1924. Serial No. 755,228. 2 Claims. (Cl. 152—28.)



1. In a spring wheel, the combination of a rim; springs carried by said rim; discs carried by said springs; a hub carried by said discs; re-inforcing plates attached to said rim and bearings against said discs; and cushioning material applied to the peripheries of said discs and in compressed contact with the faces of said plates, and adapted to act as snubbers against the action of said springs.

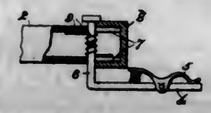
1,625,272. MAIL CRANE. CARL A. MOHNKERN, Curtis, Ark. Filed Apr. 10, 1925. Serial No. 22,086. 8 Claims. (Cl. 258—23.)

1. A mail crane comprising a base, a standard pivotally mounted thereon and provided with a pair of horizontally extending arms, one of said arms being pivotally mounted, a latch carried by said standard and engaging said base to hold the standard in vertical posi-



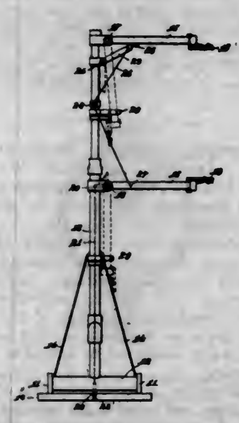
tion and means connecting said latch and said pivotally mounted arm for releasing the former when the latter swings downwardly, substantially as described.

1,625,273. POUCH-HOLDING CLAMP FOR MAIL CRANES. CARL A. MOHNKERN, Curtis, Ark. Original application filed Apr. 10, 1925, Serial No. 22,086. Divided and this application filed Sept. 11, 1926. Serial No. 134,911. 2 Claims. (Cl. 258—23.)



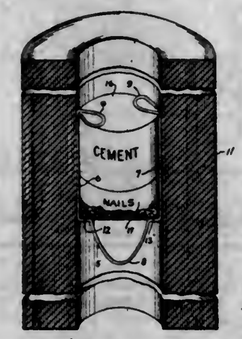
1. In a mail crane, a pouch supporting arm having its end vertically slotted, a pouch supporting clamp, comprising a horizontal finger having a vertical pivot pin arranged within said slot, a cap on the end of said arm holding said pivot pin within said slotted end, and a spring pressed clamp finger carried by said first-mentioned finger, substantially as described.

1,625,274. MAIL CRANE. CARL A. MOHNKERN, Curtis, Ark. Original application filed Apr. 10, 1925, Serial No. 22,086. Divided and this application filed Sept. 11, 1926. Serial No. 134,912. 1 Claim. (Cl. 258—24.)



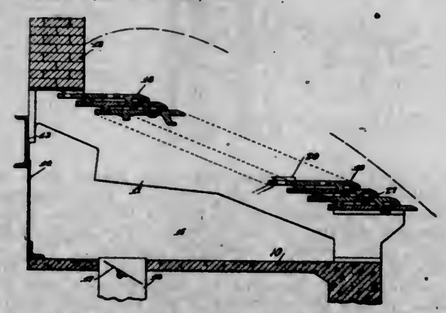
In a mail crane, a standard, upper and lower pouch supporting arms pivotally mounted thereon and adapted to swing downwardly, a detent on said upper arm, a pivotally mounted brace having a free end adapted to engage said detent to support the upper arm in raised position, and means connecting said brace and the lower arm whereby downward movement of the latter will release said brace from said detent, substantially as described.

1,625,275. RESILIENT PACKAGE-HOLDING DEVICE. HENRY C. NATERMAN, Los Angeles, Calif. Filed Dec. 24, 1925. Serial No. 77,474. 5 Claims. (Cl. 206—59.)



2. A device for holding packages in position within hollow rolls comprising a single length of spring wire bent upon itself at its middle portion to form spring wall gripping arms for the reception of packaged articles therebetween, the ends of said arms being bent towards each other to form stops or supports for said articles.

1,625,276. STOKER AIR CONTROL. OSCAR O. NYGAARD, Saugus, Mass., assignor to Combustion Engineering Corporation, New York, N. Y., a Corporation of New York. Original application filed Mar. 23, 1923, Serial No. 627,065. Divided and this application filed Feb. 9, 1926. Serial No. 87,145. 4 Claims. (Cl. 110—44.)

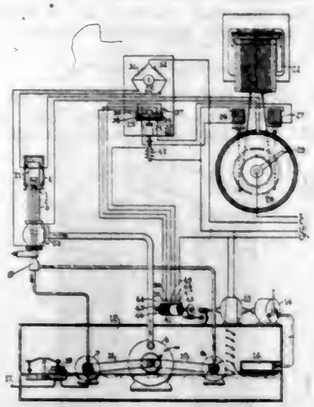


1. An apparatus for controlling the admission of air from the fuel bed into a stoker, which comprises, in combination, a fuel trough, tuyères arranged along the length of said trough at each side thereof comprising separable tuyère blocks, and means associated with but separable from the tuyère blocks for predetermining the amount of air passing through the tuyères.

1,625,277. METHOD OF AND MEANS FOR DETERMINING THE HEATING VALUE OF COMBUSTIBLE GASES. HORACE N. PACKARD, Wauwatosa, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 24, 1919. Serial No. 347,227. Renewed Feb. 12, 1926. 44 Claims. (Cl. 73—184.)

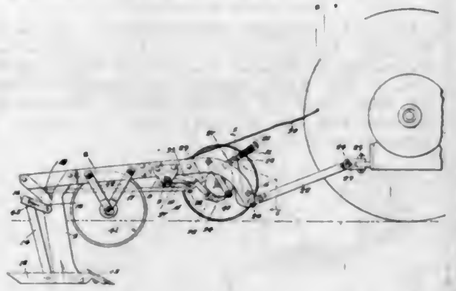
1. The method of ascertaining the heating value of a combustible fluid which comprises, effecting combustion

of such fluid in the presence of a sufficient quantity of air and determining the effect of combustion upon a



stream of air bearing a definite quantity ratio to the combustible fluid and maintained separate from the combustion products.

1,625,278. SUBSOIL PLOW. WILLIAM L. PAUL, Berkeley, Calif., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Aug. 25, 1924. Serial No. 734,005. 8 Claims. (Cl. 97—72.)



1. In a traction drawn power lift subsoil plow, the combination with a frame, an axle and supporting wheels, of a support on the rear of the frame, a shoe rockably mounted on said support, a plow blade on the shoe, power actuated mechanism operable to rock the axle to raise the plow, and means coacting with said mechanism and operating to simultaneously rock the shoe to vary the angularity of the plow blade relative to the ground as the plow is raised or lowered.

1,625,279. PROCESS OF UTILIZING OLD PAPER STOCK. JOSEPH E. PLUMSTEAD, Wilmington, Del., assignor to The Jessup & Moore Paper Co., Philadelphia, Pa., a Corporation of Massachusetts. Filed June 21, 1926. Serial No. 117,483. 3 Claims. (Cl. 92—13.)

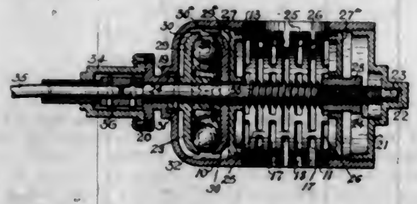
3. A method of producing chemical pulp which consists in chemically cooking under heat and pressure a charge of cellulosic containing material blowing this charge into a suitable receptacle, separately mechanically disintegrating a batch of old stock while wet and relatively cold and mixing the hot and the cold batches whereby the old stock is thoroughly cooked and the cellulosic fibres separated from the undesirable material.

1,625,280. WOODEN CONTAINER. JOHN H. PROCTOR, Andover, Mass., assignor to Gardner W. Pearson, Lowell, Mass. Filed Nov. 28, 1923. Serial No. 677,401. 5 Claims. (Cl. 217—76.)



2. In a shipping container, the combination of a cylindrical wall formed of plywood; with heads formed of circular sheets of veneer of greater diameter than the inner diameter of the wall and having their grain running at different angles and their rims gored in staggered relation, with waterproof glue between the sheets, the gored rims having been upset under pressure and the heads having been forced inside the circular wall; and means to hold the heads in position.

1,625,281. COMBINED SPEED REGULATING AND MIXING VALVE. ARTHUR E. RAQUÉ and PHILIP E. RAQUÉ, Jersey City, N. J. Filed Aug. 9, 1920. Serial No. 402,464. 7 Claims. (Cl. 123—120.)



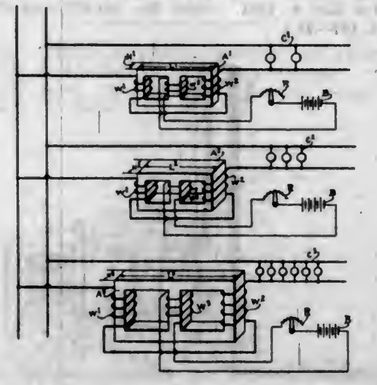
1. A device of the character described comprising a casing having inlet and outlet openings, a hollow member rotatably mounted in said casing and movable axially; said member having spaced openings therein sufficiently close together whereby to normally permit of the continuous flow of fuel through said inlet opening and out through said outlet opening as said hollow member is continuously rotated, means on said casing facing said hollow member and serving to control the effective area of the openings therein as the same is moved axially, and means for moving said hollow member axially to control the flow of fuel through said device, substantially as specified.

1,625,282. REGULATION OF ELECTRIC CIRCUITS. FREDERICK LA RUE QUA, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 30, 1922. Serial No. 532,711. 7 Claims. (Cl. 171—119.)

1. The combination with a plurality of load circuits which differ from one another in capacity, of regulating means for said circuits comprising individual reactors therefor, variable with varying individual control currents of lower frequency than that of the load currents, said reactors being so designed as to produce like regulative effects when subjected to influence of like values of control current.

2. The combination with a plurality of load circuits which differ from one another in capacity, of regulating means for said circuits comprising individual reactors variable with varying individual control currents of lower frequency than that of the load currents, said reactors

being so designed as to produce like regulative effects when subjected to influence of like values of control current, and interchangeable devices for varying the value of such control currents individually.



3. Regulating apparatus for a plurality of load circuits which differ from one another in capacity, comprising individual reactors for said circuits, variable with varying individual control currents of lower frequency than that of the load currents, said reactors having their core members substantially similar to one another geometrically and having their windings designed and proportioned to provide like regulating effects of all the reactors upon their respective load circuits when subjected to influence of like values of control current.

1,625,283. PROCESS FOR MANUFACTURING HOMOGENEOUS GLASSLIKE CONDENSATION PRODUCTS OF UREA AND FORMALDEHYDE. KURT RIPPER, Vienna, Austria, assignor to Fritz Pollak, Vienna, Austria. Filed Sept. 9, 1922, Serial No. 587,222, and in Austria May 31, 1921. 5 Claims. (Cl. 260—3.)

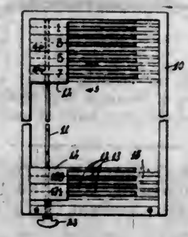
1. The process for manufacturing homogeneous glasslike masses by condensation of formaldehyde with a urea which consists in accelerating the gelatinization of the water soluble initial condensation by the addition of water soluble non alkaline compounds having a high degree of electrolytic dissociation, the amount of these compounds being much smaller than that of the initial condensation product to be treated.

1,625,284. MOLD AND METHOD FOR CONSTRUCTING CONTINUOUS TUBES. BENJAMIN C. SEATON, Nashville, Tenn. Filed Oct. 9, 1924. Serial No. 742,680. 7 Claims. (Cl. 18—56.)



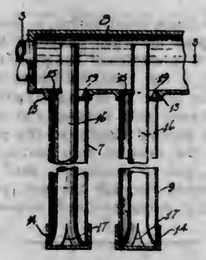
1. A pneumatic tube mold comprising a pair of annular side sections to form the side walls of the tube, a ring associated with the inner sides of said sections at the inner peripheral portions thereof and adapted to form the rim portion of the tube, a relatively wide ring engaging the inner sides of said sections at the outer peripheries thereof and adapted to form the tread portion of the tube, said tread-forming ring being inwardly bowed throughout its circumference, and means for securing said annular mold sections and said rings in assembled relation.

1,625,285. SLUG CASE. HERBERT D. SEIBERT, Brooklyn, N. Y. Filed May 13, 1926. Serial No. 108,724. 5 Claims. (Cl. 276—44.)



5. In a selecting and arranging device for linotype slugs, a partition structure, comprising a plurality of major numbered partitions, characterized by a front partition member, a side depending spacer, an integral top projecting flange, and a flange extension hinged to said integral top projecting flange, and a plurality of complementary partitions, characterized by a front partition member, and a side depending spacer.

1,625,286. WATER HEATER. DANIEL JUSTIN SHAFFER, Aurora, Ill., assignor of one-half to Lew E. Worth, Aurora, Ill. Filed Feb. 16, 1924. Serial No. 693,315. 2 Claims. (Cl. 122—318.)

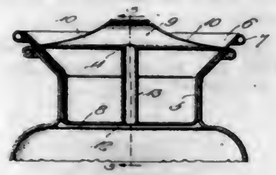


1. The combination with a combustion chamber, of a header, means for introducing water at one end of said header, means for conveying water or steam away from the opposite end of said header, a plurality of pipes carried by and depending from said header, said pipes being arranged in alignment from one end of the header to the other, the upper ends of said pipes being in communication with the header, an interior pipe disposed in each of said first named pipes, the upper ends of the interior pipes being extended into the header and having cut-away portions facing the inlet to the header, the bottoms of said interior pipes having free communication with the interior of said first named pipes, and a current-checking partition between said interior pipes and said first named pipes on the side of said interior pipes adjacent to said cut-away portions.

1,625,287. VENTILATED MILK-CAN COVER. WILLIAM N. SNOW, Beloit, Mich. Filed July 15, 1926. Serial No. 122,641. 1 Claim. (Cl. 220—44.)

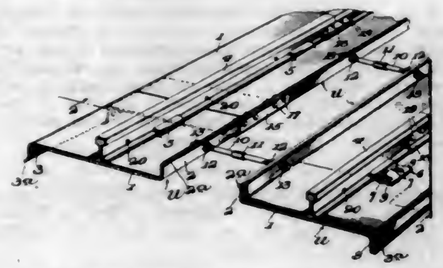
A ventilated milk can cover comprising a cylindrical side wall having a flared upper portion, a bottom secured to the lower portion of the wall and having an opening, a tubular handle extending diametrically across and se-

cured to the flared upper portion of the wall, the upper portion of said tubular handle being cut away and open at the ends of said handle, the lower side of said handle



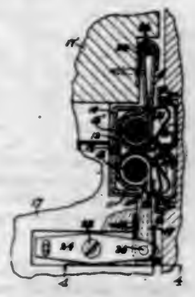
being formed with an opening alined with the opening of said bottom, and a one-piece tube secured to the handle and bottom around the edge walls of said openings.

1,625,288. RAILWAY-TRACK CONSTRUCTION. ROBERT L. SPENCER, Harrisburg, Ark. Filed Sept. 8, 1924. Serial No. 736,590. Renewed Oct. 6, 1926. 4 Claims. (Cl. 238—26.)



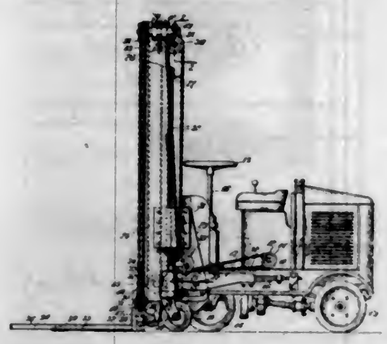
1. In a railway track construction, a unit comprising a base plate having an upturned flange at its inner longitudinal edge and a downturned flange at its outer longitudinal edge, and a rail equal in length with the plate and carried by the latter to extend longitudinally of the plate midway between said flanges, and means whereby said plate can be secured rigidly to the plate of an adjacent unit with the rails on said plates in end to end abutting relation and in alignment, said rail having a drain opening formed through the web portion thereof, said drain opening being inclined downwardly toward its outer end.

1,625,289. WINDOW-HANGING DEVICE. HARRY B. STEIN, Chicago, Ill. Filed Sept. 11, 1926. Serial No. 134,761. 12 Claims. (Cl. 16—196.)



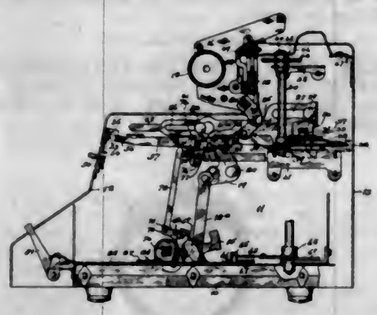
1. A window hanging device comprising sash parting means connected to the frame, and cable embracing means connected to and movable with the window sash to co-operate with and aid the parting means for containing and concealing the window cable, and keep out wind and weather.

1,625,290. PORTABLE ELEVATING APPARATUS. BERGER STOCKFLETH, Berrien Springs, and FREDERICK W. BURGER, Niles, Mich., assignors to Clark Tructractor Company, Buchanan, Mich., a Corporation of Michigan. Filed May 8, 1924. Serial No. 711,822. 24 Claims. (Cl. 187—11.)



9. In an apparatus of the class described, the combination of a shop tractor, two vertical spaced-apart guiding posts connected with said tractor opposite one end thereof, a load-sustaining member having means engaging with said guiding posts, two sheaves carried by said load-sustaining member near opposite sides thereof, a differential sheave mounted upon each of said posts, means comprising gear mechanism for connecting said two differential sheaves together, two chains each operatively engaged with one of said differential sheaves and one of said other sheaves, and another chain connected with said means that connect said two differential sheaves together, and means for driving said last-named chain from the engine of the tractor.

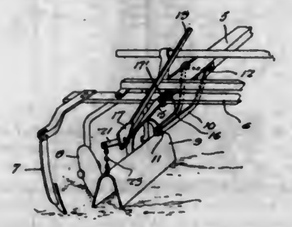
1,625,291. AUTOMATIC SHUTTLE-CONTROL MECHANISM FOR ADDING MACHINES. BRUCE H. TINGLEY, Cincinnati, Ohio, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed July 28, 1923. Serial No. 654,453. 14 Claims. (Cl. 235—58.)



10. In mechanism of the class described, the combination of a transversely movable paper carriage, a main operating shaft, connections between the main operating shaft and the paper carriage for normally shuttling the carriage with each movement of the operating shaft, a rotatably mounted stop carriage escapement member, a cam carried by the said member, a slide plate in engagement with said cam, and adapted to be actuated after the escapement has traveled a predetermined distance, connections operable by the movement of said slide plate

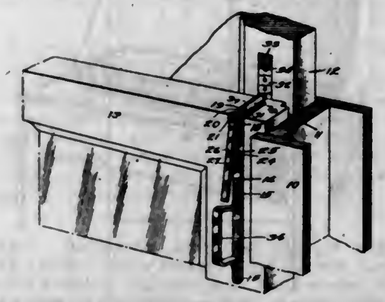
for breaking the train of shuttling connections by movement of said slide plate, and a line spacing block member adapted to move to blocking position by movement of said slide plate, substantially as described.

1,625,292. QUICK-ADJUSTING FENDER OR SHIELD LIFTER ATTACHMENT FOR CULTIVATORS. PETE TOWNS, Ansley, Nebr. Filed May 5, 1926. Serial No. 106,895. 1 Claim. (Cl. 97—188.)



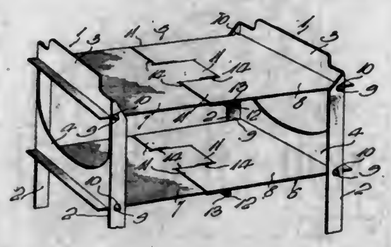
In a cultivator; wherein the cultivator includes a frame and a pivotally mounted fender; a bracket arm twisted throughout its length and having an extension at one end fixed to the frame so that the arm inclines downwardly and rearwardly therefrom, a vertical plate on the other end of the arm having its upper edge arcuate and provided with teeth inclining to one side thereof, a bell crank lever pivotally mounted on the plate on said side thereof, so that one arm engages with the teeth, a bar, spring means for mounting the bar on the plate to engage the lever to normally hold it engaged with the teeth, and a chain engaged with the lever and with the fender, whereby the swinging of the lever will cause the raising and lowering of the fender.

1,625,293. AUTOMATIC SAFETY WINDOW LATCH. HARRY S. WHEATON, Dallas, Iowa. Filed June 6, 1923. Serial No. 643,629. 1 Claim. (Cl. 292—173.)



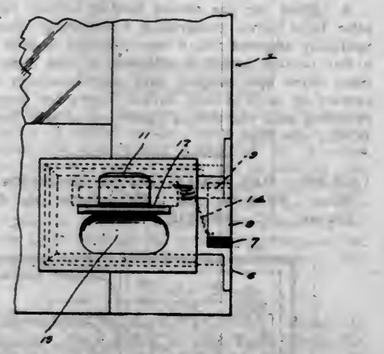
In combination with windows of the sliding double sash type, means for latching one sash relative to the other, said means comprising a supporting plate secured to the upper end of a side rail of the lower sash and having a right angled extension over the top of said sash, a tubular member having a restricted end mounted on said right angled extension, a plunger slidably mounted in said tubular member, a collar secured to said plunger, a spring interposed between the collar and said restricted end, a lip on the other end of said tubular member for engaging the collar a perforated plate secured to the side rail of said upper sash, the perforations in said perforated plate being designed to selectively coact with said plunger, a spring in said tubular member for normally holding said plunger in engagement with any one of said holes, a lever pivoted on said supporting plate for retracting said plunger and a handle secured to said supporting plate adjacent the lower end of said lever.

1,625,294. FOLDING TABLE. WALTER LUNSTEAD WHITESIDES, Long Beach, Calif. Filed Mar. 23, 1925. Serial No. 17,739. 2 Claims. (Cl. 45—116.)



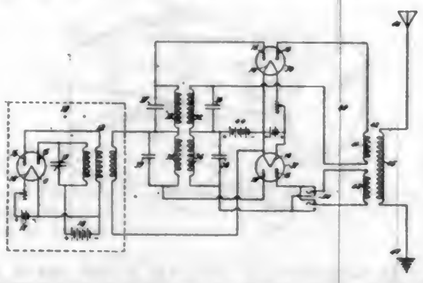
1. In a foldable table; two legs at each end of the table, an upper transverse bar and a lower transverse bar connecting the legs at each end of the table, said bars having straight lower edges, two hingedly connected top sections and two hingedly connected shelf sections having their outer ends passed between the legs at the ends of the table, said top sections and shelf sections passing under said upper and lower bars respectively and contacting with said straight lower edges thereof said bars then forming cheeks at the end portions of the table top and shelf to retain articles thereon, and means inwardly spaced from the ends of said top sections and said shelf sections and pivoting them to said legs on horizontal transverse axes which are inwardly spaced horizontally from the inner opposed sides of said upper and lower bars, tendency of said sections to tilt downwardly about their pivots being resisted by contact of said sections with said straight lower edges of said bars on lines outwardly spaced from the pivotal axes of the sections.

1,625,295. WINDOW RETAINER. JOSEPH CANTORI, St. Charles, Ill. Filed Oct. 8, 1926. Serial No. 140,291. 2 Claims. (Cl. 292—228.)



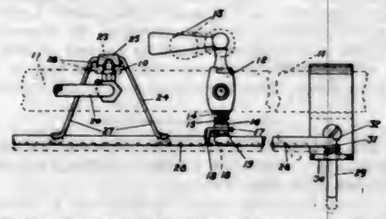
2. A sash retainer of the class described, comprising a body adapted to fit into a recess in the sash frame wherein said recess is substantially dove-tailed in cross section, said body having beveled top and bottom surfaces, being provided with a face plate having its marginal portion projecting beyond said beveled surfaces, a vertically elongated end flange, a latch receiving pocket adjacent said flange, a rock shaft journaled for oscillation upon said body, a latch carried by the outer end of said rock shaft and movable into said pocket, spring means co-operable with said latch to maintain it normally disposed out of said pocket, an operating member carried by the rock shaft, and a right angularly disposed stationary finger piece carried by said face plate and located beneath said operating member.

1,625,296. METHOD OF AND MEANS FOR MODULATING SIGNALING CURRENTS. EMORY LEON CHAFFEE, Belmont, Mass. Filed Aug. 2, 1922. Serial No. 579,288. 20 Claims. (Cl. 250—17.)



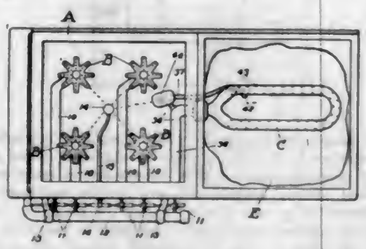
1. The method of producing power for systems for the transmission of intelligence, which consists in producing a series of undamped waves of a given frequency and simultaneously modulating said waves by a second series of waves, generating said second series of waves of a relatively different frequency, and amplifying said first-named series of waves.

1,625,297. AUTOMATIC LIGHTING MEANS FOR GAS STOVES. JACOB COPILOVICH, St. Paul, Minn. Filed Sept. 29, 1926. Serial No. 138,412. 1 Claim. (Cl. 158—115.)



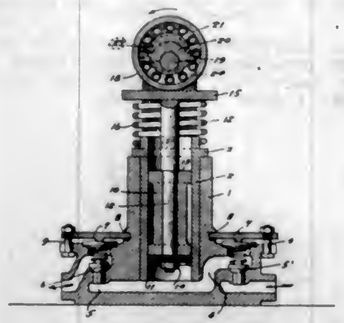
A lighter for gas stoves having burner valves and a pilot light valve, comprising a vertically movable longitudinally disposed rod, a loop fastened to said rod having a flat portion which is adapted to rest upon said pilot light valve and support said rod therefrom and means carried by each of said burner valves for depressing and releasing said rod during operation of said burner valves in one direction.

1,625,298. GAS STOVE. JACOB COPILOVICH, St. Paul, Minn. Filed Oct. 15, 1926. Serial No. 141,729. 3 Claims. (Cl. 158—115.)



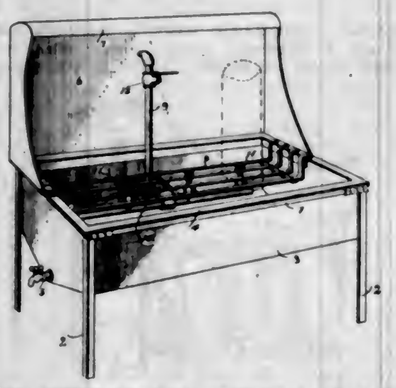
1. An automatic oven burner lighter for a gas stove comprising a burner within an oven, a valve for said burner, a gas pipe connecting said burner and valve, a flashing pilot light outside said oven automatically flashed and spaced from said pilot light and a lighter tube connected to said gas pipe and leading from below said hood to said burner for automatically lighting said burner upon the opening of said valve

1,625,299. PLUNGER PUMP. FRANK T. COSTELLO, Vacaville, Calif., assignor to Standard Spray Pump Company, a Corporation. Filed Mar. 17, 1924. Serial No. 699,957. 1 Claim. (Cl. 74—14.)



In a pump, having a cylinder, a reciprocating piston in said cylinder and a piston rod, secured to said piston, a resiliently mounted plate secured transversely to the outer end of said piston rod, a revoluble ring whose periphery contacts with the outer face of said plate, a rotatable shaft transverse to said rod, an eccentric fixedly secured to said shaft and disposed within said ring, a series of rollers between the eccentric and the inner periphery of the ring and contacting with both.

1,625,300. APPARATUS FOR WASHING ICE-CREAM CANS. CLEVELAND G. DAVIS, Grand Rapids, Mich. Filed June 22, 1926. Serial No. 117,815. 2 Claims. (Cl. 141—7.)

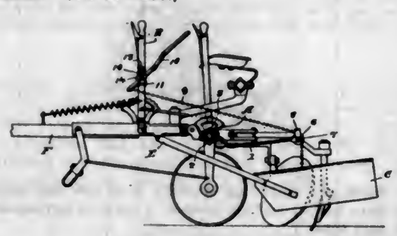


1. Can washing apparatus comprising a tub, a rack suspended within the upper rear portion of the tub, a splash board at the back and ends of the tub adjacent the back, and including a top extending forwardly from the back and connecting it with the end portion, a supply pipe and a distributing pipe connected with the supply pipe and extending beneath the rack and provided at intervals in its length with valved nozzles.

1,625,301. PROCESS OF PRODUCING ALGIN COMPOUNDS AND PRODUCTS DERIVED THEREFROM. BERNARD F. BRDAHL, Duluth, Minn. Filed July 20, 1926. Serial No. 123,808. 25 Claims. (Cl. 252—1.)

1. The process of preparing an algin material comprising introducing a colloidal solution of an algin base into an acid bath, aging the resulting precipitate in said bath, and recovering the algin reaction product therefrom.

1,625,302. CULTIVATOR. MAURICE EVANS, Barnston, Nebr. Filed Aug. 30, 1926. Serial No. 132,555. 4 Claims. (Cl. 97—188.)



1. An attachment for cultivators comprising a supporting arm having one of its ends secured to the frame of the cultivator, a pulley journaled in the opposite end thereof, a control lever secured to one of the control levers of the cultivator and mounted for adjustment thereon, a flexible element trained over said pulley and having one end secured to a fender of the cultivator, while the opposite end is secured to the control lever first mentioned.

1,625,303. SINGLE-PIN SOCKET. PAUL E. FENTON, Thomaston, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Feb. 4, 1927. Serial No. 165,983. 2 Claims. (Cl. 24—150.)



1. A single pin socket, for snap fasteners, composed of a shell having a hole in its face to receive a stud member and provided with a rim flange, and a pin having a head provided with a laterally extending curved portion adapted to engage with the flanged shell to unite the shell and pin, said curved portion having a cross member extending toward the opposite side of the shell and crossing a portion of the hole in the shell and serving as a spring to engage the stud members.

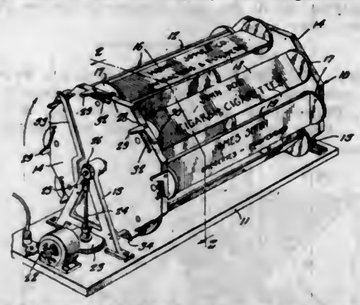
1,625,304. EMULSION AND PROCESS OF MAKING THE SAME. DOZIER FINLEY, Berkeley, Calif., assignor to The Paraffine Companies, Inc., San Francisco, Calif., a Corporation of Delaware. Filed Jan. 17, 1923. Serial No. 613,280. 18 Claims. (Cl. 134—1.)

1. An emulsion comprising the results of the mixture of calcium hydroxide, an agent capable of reacting with said hydroxide to produce a relatively insoluble compound, water, and a bituminous material.

9. The process of making a bituminous emulsion which comprises slaking lime with water, maintaining the heat of the mixture and adding a hot solution of papermakers' alum in water, and slowly adding with agitation a hot bitumen.

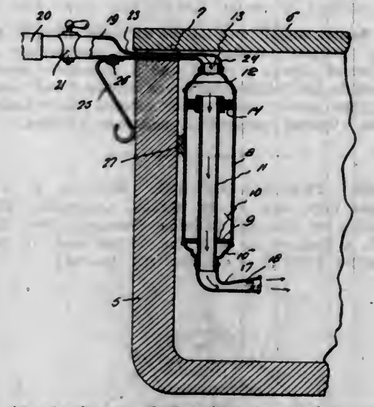
1,625,305. ADVERTISING DEVICE. GERALD FORDE, New York, N. Y. Filed June 11, 1926. Serial No. 115,315. Renewed Mar. 4, 1927. 4 Claims. (Cl. 40—33.)

1. An advertising device comprising a revoluble frame member, a plurality of radially arranged panels turnably mounted in said frame member and having advertising indicia on opposite sides thereof, automatic means for reversing said panels to display the respective indicia



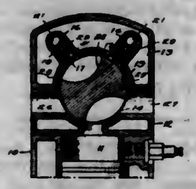
thereon on opposite sides of the axis of rotation of said revoluble frame member upon each revolution of the latter, and co-acting means between said frame member and said panels for locking the same in display positions.

1,625,306. WASHING ATTACHMENT FOR TUBS. THEODORE R. FRATTALLONE, Bronx, N. Y. Filed Oct. 2, 1925. Serial No. 60,062. 4 Claims. (Cl. 261—121.)



1. An attachment of the class described including a pipe adapted to be rested on the upper edge of a wash tub and having one end thereof engageable by the hose of a vacuum cleaner and the other end depending and threaded, a cylinder having a restricted upper end threadedly engaged with the threaded end of the pipe, a tube slidable through the bottom of the cylinder, packing elements on the upper end of the tube contacting against the inner surface of the cylinder, and a nozzle on the lower end of the tube.

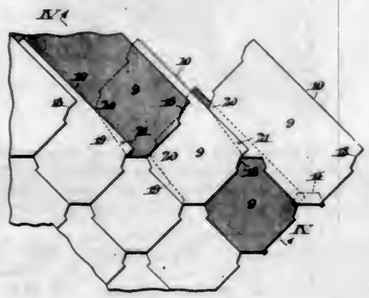
1,625,307. ROTARY-VALVE STRUCTURE. PEARL G. FRAZIER, Ankeny, Iowa. Filed May 14, 1923. Serial No. 638,815. Renewed June 10, 1926. 13 Claims. (Cl. 123—80.)



1. In a rotary valve structure, a casing, a rotary valve mounted therein, the casing above the valve being spaced

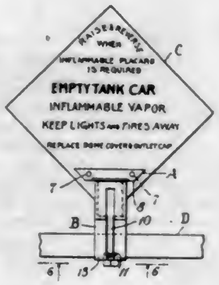
therefrom, a rotary anti-friction device mounted in engagement with the upper part of the valve for a substantial portion of its length, said structure having means for supplying oil to the anti-friction device for thereby oiling the valve.

1,625,308. FLEXIBLE SHINGLE. WILLIAM FREEGARD, St. Louis, Mo., assignor to The Barber Asphalt Company, Philadelphia, Pa., a Corporation of West Virginia. Filed Oct. 30, 1924. Serial No. 746,751. 17 Claims. (Cl. 108—7.)



4. A flexible shingle unit having an upper straight edge, a lower irregularly-configured edge an intermediate portion whereof affords a recess and a diagonally directed retrovertible tab integral with one of the lower corners thereof, the other lower corner affording an indicator point for aligning consecutively laid rows of units.

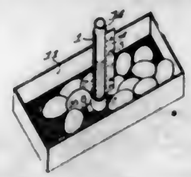
1,625,309. PLACARD DEVICE. WILLIAM A. FRYE, Kansas City, and FRANK HEADY, Coffeyville, Kans., assignors to Sinclair Refining Company, New York, N. Y., a Corporation of Maine. Filed Sept. 16, 1926. Serial No. 135,776. 7 Claims. (Cl. 40—68.)



1. A reversible placard device comprising a holder to which a placard is attached, a support including a socket, said placard holder having an extension receivable in either of two fixed positions in said socket, whereby the placard attached to said holder is maintained in an upright position, and means attached to said holder and co-acting with said support to prevent the placard attached to said holder from being brought into an upright position save in the two said fixed positions.

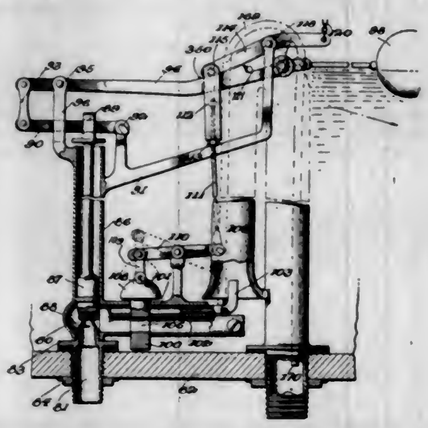
1,625,310. EVAPORATION METER. RICHARD L. GILLES, Fargo, N. Dak. Filed Aug. 30, 1926. Serial No. 132,559. 4 Claims. (Cl. 73—24.)

1. An evaporation meter, comprising a plain glass tube, a semi-cylindrical shield for receiving said tube, a spring member carried by the shield at the bottom thereof for clamping the tube, and an integral flat plate carried by



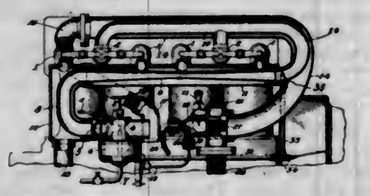
said shield and projecting laterally from one edge thereof, said plate having marked thereon a scale in juxtaposition with said tube.

1,625,311. FLUSHING TANK. NICHOLAS JOSEPH GONDOLF, New Orleans, La. Original application filed June 6, 1922, Serial No. 566,338, Patent No. 1,556,100, dated Oct. 6, 1925. Divided and this application filed Dec. 1, 1924. Serial No. 753,285. 7 Claims. (Cl. 4—44.)



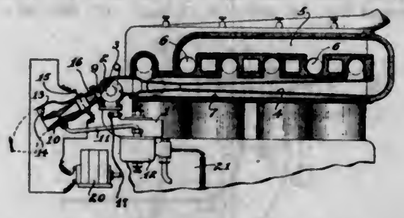
2. A flushing apparatus comprising a valve casing having a seat and priming and tank filling ports, a valve slidable through said ports and having a weight, a lever pivoted to said valve, a link pivoted to said lever and including upper and lower slidably connected sections, a main actuating lever pivoted to the upper section of said link, and an operating member connected to said main actuating lever.

1,625,312. VAPORIZING APPARATUS FOR INTERNAL-COMBUSTION ENGINES. JOHN GOOD, Garden City, N. Y., assignor to Good Inventions Co., Brooklyn, N. Y., a Corporation of New York. Filed Jan. 16, 1917, Serial No. 142,602. Renewed Oct. 9, 1926. 17 Claims. (Cl. 123—122.)



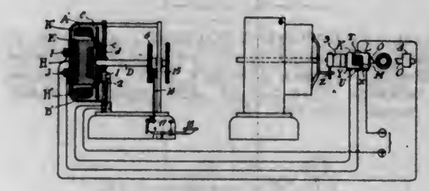
1. In an internal combustion engine for automobiles and like uses, the combination of an intake passage including a carburetor having a constant level fuel chamber, a burner containing an igniter and means for producing an ignitible, steady-burning mixture of fuel and air, said means deriving its fuel from said fuel chamber, and an outlet for the burner communicating with said intake, whereby burner products are admitted to the engine.

1,625,313. COMBUSTION APPARATUS. JOHN GOOD, Garden City, N. Y., assignor to Good Inventions Co., New York, N. Y., a Corporation of New York. Original application filed Feb. 21, 1917, Serial No. 149,998. Divided and this application filed Mar. 20, 1920. Serial No. 367,441. 4 Claims. (Cl. 123—122.)



1. The combination in an internal combustion engine of a suction intake, an engine carburetting device, a flame-producing combustion device, a common source of liquid fuel for both devices, and a valve for connecting either of said devices to the intake.

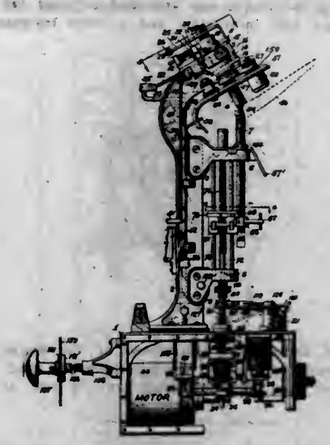
1,625,314. ELECTRICAL SYNCHRONIZING SYSTEM. ETIENNE LÉON GRUNENWALD, Paris, France. Filed Oct. 20, 1922, Serial No. 595,852, and in France Nov. 8, 1921. 1 Claim. (Cl. 172—293.)



An electrical synchronizing system comprising a controller, and a driven apparatus caused to rotate in synchronism therewith; said controller comprising commutator rings and a movable element, said commutator rings being angularly adjustable relatively to one another and at will angularly adjustable as a unit relatively to said movable element; a source of direct current, fixed brushes bearing upon the commutator rings and electrically connected to the source of direct current and to the driven apparatus; said driven apparatus comprising a bi-polar stator mounted in fixed position and receiving the alternating currents emitted by the commutator rings, a driven shaft, and a bi-polar rotor on said shaft surrounding the stator and developing a magnetic field of N. S. direction; such field acting conjointly with the alternating field created in the stator to determine the synchronous movement of said driven shaft and its desired angular adjustment relative to the movable element of the controller.

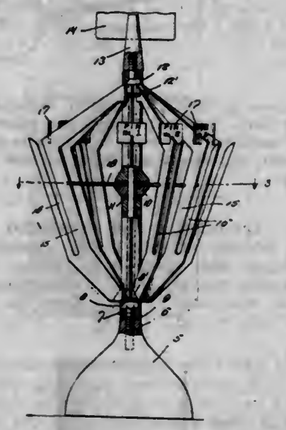
1,625,315. FLAMING-ARC FLOODLIGHT. THEODORE HALL, Brooklyn, N. Y., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y., a Corporation of New York. Filed Jan. 21, 1919. Serial No. 272,328. 10 Claims. (Cl. 176—51.)

1. In an arc lamp, an electrode holder, a metallic head on the forward part of said holder insulated therefrom and adapted to surround an electrode without touching the same, means for feeding an electrode through said



holder, and means electrically connected with said head for controlling said feeding means in response to the approach of the arc flame to said head.

1,625,316. LAUNDRY ASSORTING RACK. WALTER F. HARLOW, Lynchburg, Va. Filed June 1, 1926. Serial No. 112,994. 3 Claims. (Cl. 211—24.)

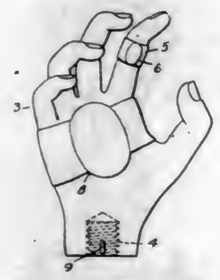


1. A laundry assorting rack of the class described including, in combination, a vertical pole, a sleeve rotatable about the lower portion of the pole, a second sleeve rotatable about the upper portion of the pole, bearing means spacing the sleeves apart, a plurality of arms attached to the bottom of the lower sleeve and inclining upwardly and outwardly therefrom and merging into inwardly disposed extensions attached to the upper portions of the upper sleeve, said arms being provided with longitudinally extending slots.

1,625,317. ARTIFICIAL HAND. HARRIETTE E. HODGSON, New York, N. Y. Filed July 26, 1923. Serial No. 653,865. 1 Claim. (Cl. 3—12.)

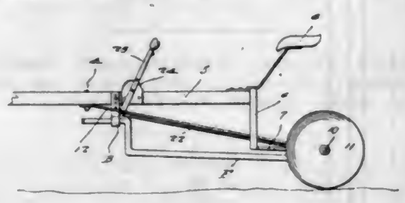
An artificial hand constructed of hollow metallic form with the fingers thereof rigidly arranged in predetermined relative positions, each of the fingers being formed

on their upper surfaces with a plurality of relatively small knobs, one arranged adjacent over the terminal joint indication of the finger, one arranged adjacent the base of the finger nail indication, and a third between the



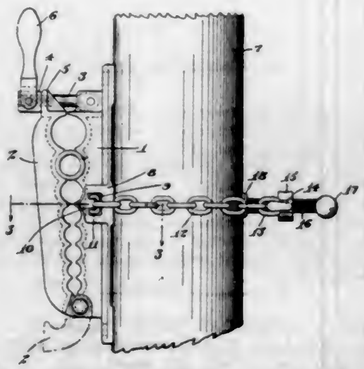
second and third joint indications of the finger, and resilient bands to encircle the finger between and to be held against longitudinal displacement by two of such knobs.

1,625,318. HARROW. ALBIN B. JANOSEK, Corpus Christi, Tex. Filed Jan. 6, 1927. Serial No. 159,384. 5 Claims. (Cl. 55—81.)



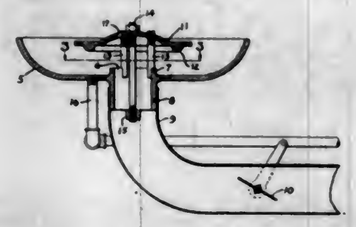
1. A device of the class described including, in combination, a beam, deflecting frames, disk gangs, means for swingably mounting the deflector frames and disk gangs on the beam, and means for operating said frames and said gangs.

1,625,319. APPARATUS FOR SECURING VISES TO POSTS, POLES, OR THE LIKE. JOSEPH E. KENERSON, Saugus, Mass., assignor to Trimont Manufacturing Company, Roxbury, Mass., a Corporation of Massachusetts. Filed May 5, 1926. Serial No. 106,863. 2 Claims. (Cl. 81—41.)



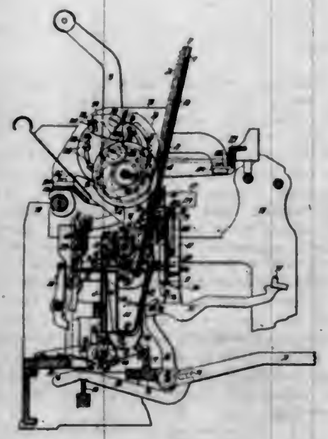
1. Apparatus of the kind described, comprising a vise, a plurality of reinforcing portions on the bottom of said vise and formed arcuate and with relatively sharp edges for firm seating on one side of a support, certain of said reinforcing portions having openings on the sides thereof with projecting lugs therein, chains removably attached to said lugs and adapted to encircle said support, adjustable chain tightening means on the side of the support opposite to the said vise, said tightening means comprising a threaded stem bearing in a swivel against the support, a handle for rotating said threaded stem in said swivel, and a nut mounted on said stem and having a pair of hooks to receive links of said chains.

1,625,320. OIL BURNER. JAMES A. KENWORTHY, Los Angeles, Calif. Filed Aug. 17, 1925. Serial No. 50,662. Renewed Feb. 14, 1927. 2 Claims. (Cl. 158—92.)



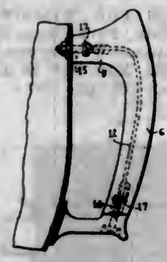
2. A gas generator and burner construction comprising a shallow pan having curved side walls, an air inlet and fuel supply pipes leading thereto, and an air deflecting plate secured above said air inlet opening adapted to direct the air from the inlet pipe downwardly against the fuel in the pan to vaporize the same, said plate having air outlet openings formed therein for controlling the direction of the burner flames.

1,625,321. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed July 14, 1925. Serial No. 43,492. 52 Claims. (Cl. 197—135.)



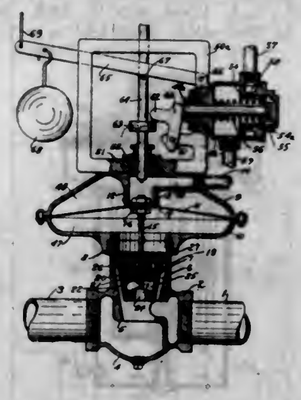
1. In a combined typewriting and stencil-cutting machine having a revoluble platen, typing elements, and a card-holding frame for receiving a stencil-card having a paper-frame and a stencil-sheet stretched across an opening therein, means controlled by the platen to line-space the card-holding frame, and latchable means controlled by the card-holding frame for vibrating a ribbon in front of the types when typing a plurality of lines upon the frame of the card and for silencing the ribbon when typing upon the stencil-sheet.

1,625,322. MOLDED HANDLE AND THE LIKE. FRANK E. LAYMAN, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed May 5, 1922. Serial No. 558,746. 4 Claims. (Cl. 16—119.)



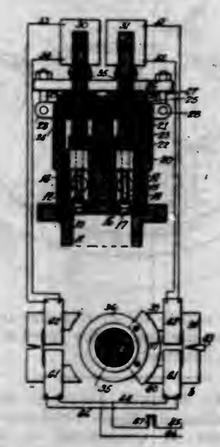
2. The combination with a handle formed of plastic composition heat insulating material, of a reinforcing wire of relatively small cross section entirely embedded therein and extending between the opposite terminals thereof, said wire having a loop at each end thereof, and metallic members surrounded by said loops and embedded in the respective terminals to provide for attachment of said handle to an article.

1,625,323. AUTOMATIC GAS VALVE. CLAIRE M. LEE, Elyria, Ohio, assignor of one-half to George W. Lee, Wauseon, Ohio. Filed May 21, 1920. Serial No. 383,125. 14 Claims. (Cl. 137—139.)



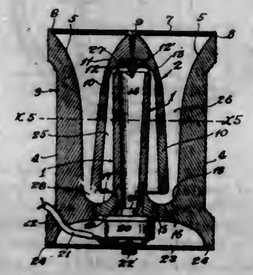
2. Valve mechanism for fluid pressure conduits, comprising a valve casing communicating with supply and discharge connections, a valve controlling the flow of fluid therethrough, said casing having a chamber and a movable abutment in said chamber for operating said valve, said abutment being subject on its lower face to the pressure of the supply only when said valve is open, and on its upper face having valve means controlling the flow of fluid thereto.

1,625,324. VALVE FOR REFRIGERATING APPARATUS. MATTHEW H. LOUGHRIDGE, Bogota, N. J. Filed May 11, 1926. Serial No. 108,432. 9 Claims. (Cl. 137—139.)



9. In a refrigerating system, the combination of a mechanism comprising a rotating shaft and a valve, a magnet for operating said valve, and a transformer for said magnet, said shaft controlling the magnetic circuit of said transformer.

1,625,325. ACOUSTIC HORN. JACK MACARTNEY and ARCHIE V. HAHN, Los Angeles, Calif. Filed Dec. 26, 1924. Serial No. 758,086. 8 Claims. (Cl. 181—27.)



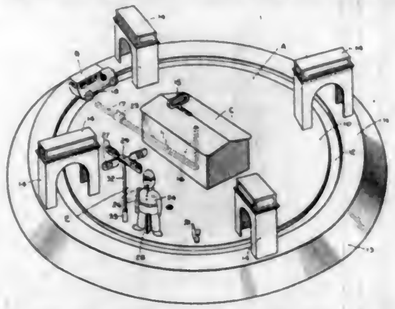
1. An acoustic horn comprising an inner horn, a second horn into which said inner horn extends, said second horn being formed of a plurality of panels, and an outer horn in spaced relation to said second horn, said outer horn being formed of a plurality of panels, which when assembled form a cabinet inclosing the inner and second horn and forming therewith the entire horn.

1,625,326. MECHANICALLY-OPERATED TOY. LOUIS MARX, Brooklyn, N. Y. Filed June 9, 1926. Serial No. 114,657. 15 Claims. (Cl. 272—31.)

1. In an amusement device, a platform, a motor on said platform, a figure rotatable cylindrically around said platform and connected to and operated by said motor, and an automatic stop mechanism for the rotatable figure, said stop mechanism comprising means operable to automatically stop the rotation of said figure when the same has moved uninterruptedly a plurality of cycles or revolutions about said platform.

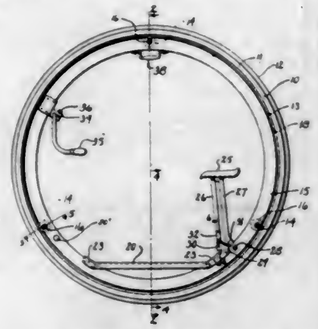
11. In an amusement device, a platform, a motor on said platform, a toy vehicle rotatable cyclically around said platform and connected to and operated by said

motor, a policeman figure on said platform provided with a movable arm, a "go-stop" sign provided with a movable "go-stop" indicating arm and means operated by the rota-



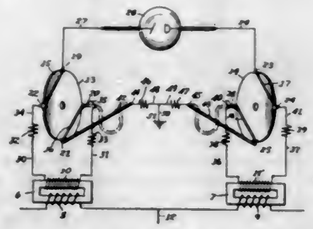
tion of said toy vehicle for moving the arm of the policeman figure and the arm of the "go-stop" sign to the "stop" indicating positions.

1,625,327. GYRAL WHEEL. ARLINGTON MOORE, Worcester, Mass., assignor to Moore Inventions Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed Jan. 31, 1923. Serial No. 615,991. 8 Claims. (Cl. 208—1.)



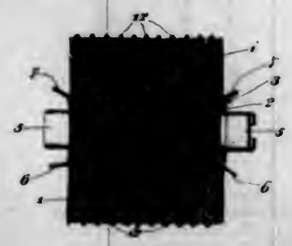
1. In a device of the class described, the combination of an open rim of substantially T-shaped cross-section and having peripheral flanges, a tire on said rim, a circular framework of substantially U-shaped cross-section within the wheel, and a plurality of rollers within said framework and adapted to run on the inwardly projecting rib of the wheel rim.

1,625,328. CONVERTIBLE X-RAY MACHINE. ARTHUR MUTSCHELLER, New York, N. Y., assignor to Wappler Electric Co., Inc., a Corporation of New York. Filed Mar. 1, 1923. Serial No. 622,025. 5 Claims. (Cl. 250—34.)



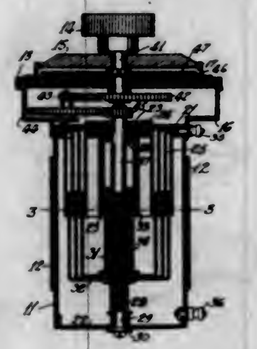
1. A device of the character described comprising a pair of high tension transformers, a pair of high tension rectifying disks, connections from the secondary windings of said transformers to said rectifying disks, for the purpose of enabling said rectifying disks to rectify the current impulses from said secondary windings, a pair of X-ray tubes connected with said rectifying disks, and a pair of flexible conductors connected wth each other and with the ground, said flexible conductor being detachably connected with said rectifying disks and coacting therewith for the purpose of energizing said X-ray tube, and being changeable by the operator relatively to said rectifying disks for the purpose of enabling said secondary windings to pass the high tension current impulses through either one or both of said X-ray tubes, as the operator may prefer.

1,625,329. VALANCE FOR WINDOW DRAPERIES. FRANKLIN W. OEHRLE, Philadelphia, Pa., assignor to Oehrle Brothers Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 24, 1924. Serial No. 751,751. 3 Claims. (Cl. 139—387.)



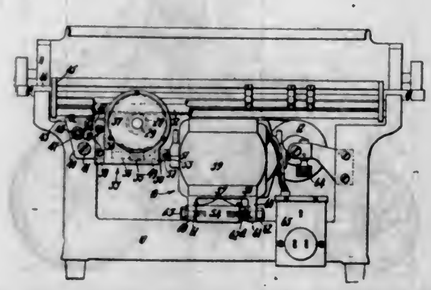
1. As an article of manufacture, a strip of woven fabric adapted for use as a valance for window draperies, said strip having reversely turned threads located at close intervals therein forming a pocket and also having draw strings located upon the opposite sides of said pocket, which strings are interlocked with the transversely extending threads of said fabric and the said fabric being adapted to be adjusted upon the said draw strings to convert the same into ruffled form.

1,625,330. RADIOCONDENSER. ABRAHAM S. PINKUS, New York, N. Y. Filed Apr. 10, 1925. Serial No. 22,230. 3 Claims. (Cl. 175—41.5.)



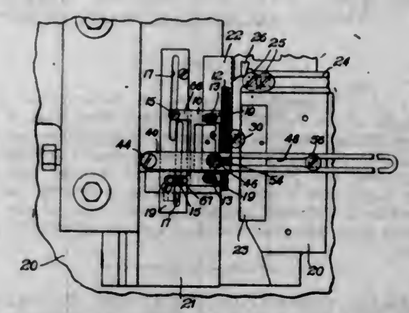
1. In a condenser as described, the combination of a cylindrical shell, a central sleeve in said shell, a bushing of insulation connecting said sleeve with said shell, a plurality of cylindrical plates fixed at one end of said cylinder, a stem sliding in said sleeve, a plurality of cylindrical plates supported by said stem and arranged to move laterally with respect to said fixed plates and a screw shaft in the axis of said cylinder upon which said stem screws back and forth.

1,625,331. TYPEWRITING MACHINE. HENRY L. PITMAN, Westfield, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 4, 1923. Serial No. 643,165. 15 Claims. (Cl. 197—65.)



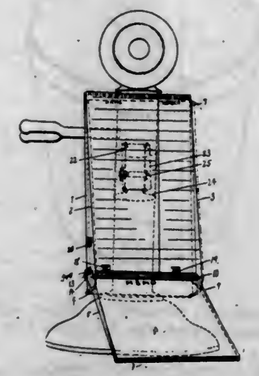
1. In a typewriting machine, a main typewriter framework, including a base, a carriage, carriage-returning mechanism comprising a rack on the carriage, a pinion in mesh with the rack, and means for driving the pinion consisting of a motor-unit which includes a motor-shaft, and a transmission-unit which includes transmission and pinion shafts and gearing connecting said shafts, a bracket supporting the transmission-unit on the back of the machine-frame, means for adjusting said bracket to raise or lower the pinion to engage it properly with the rack on the carriage, a horizontal forwardly-extending bracket supporting the motor-unit on said typewriter base, and means for adjusting the motor-supporting bracket so that the motor-shaft may be connected properly to the end of the transmission-shaft.

1,625,332. MEANS FOR TRIMMING ARTICLES. WILLIAM HENRY POTTER, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 25, 1923. Serial No. 653,668. 11 Claims. (Cl. 80—8.)



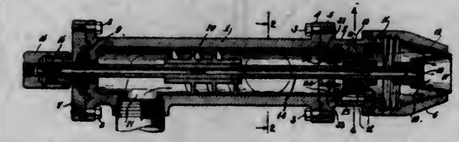
1. In an article processing apparatus, means for rolling the article along a predetermined path, a trimming means, and means controlled by the first-mentioned means for advancing the trimming means toward the axis of rotation of and thereby trimming the article.

1,625,333. TELEPHONE ATTACHMENT. HARRY BARTLEY REDFIELD, New York, N. Y. Filed July 29, 1922. Serial No. 578,426. 8 Claims. (Cl. 40—10.5.)



1. The combination, in a telephone attachment, of a member the side edges or portions of which are at approximately right angles to the main surface thereof and adapted to hold the bottom portions of cards between said sides so that same may be swung outwardly from the top thereof, and a second member, adapted to hold paper, attached movably to said first member and lying normally adjacent to the edges of the sides of the first member.

1,625,334. OIL BURNER. FRANK RIX, New York, N. Y., assignor of one-half to John F. Siegel, New York, N. Y. Filed Oct. 13, 1923. Serial No. 668,252. 9 Claims. (Cl. 158—77.)

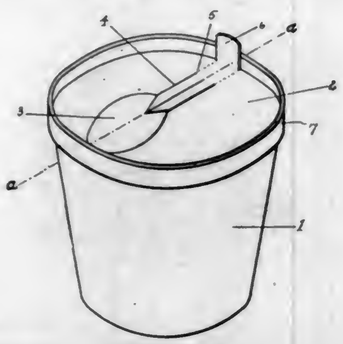


1. An oil burner comprising a casing having an air passage, an oil supply tube revolubly mounted in the casing, a propeller on the tube in the casing, said casing having an air inlet to and an air exhaust from said passage at opposite sides of the propeller, and air throttling means in the casing between the exhaust and the outlet ends of the burner.

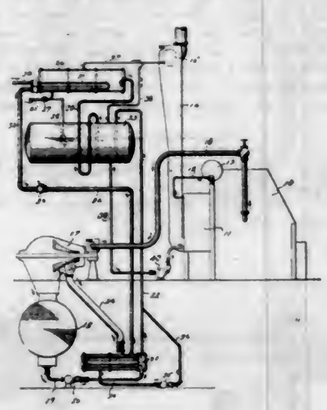
1,625,335. CONTAINER COVER. WILLIAM G. SCHNEIDER, Camden, N. J. Filed Dec. 14, 1925. Serial No. 75,298. 4 Claims. (Cl. 229—48.)

1. A closure for containers having a continuous unbroken rim, comprising; a detachable portion having an upwardly extending tab end, said detachable portion being bounded substantially throughout its entire margin by the remainder of the closure, and adapted to serve as an

eating utensil when detached from said remainder; and a connection between the separable portion and the remainder, of sufficient weakness to permit said portion to be readily detached from the remainder by a pull of the fingers.



1,625,336. STEAM-POWER SYSTEM. BERNHARD SCHROEDER, Chicago, Ill., assignor to Sargent & Lundy Incorporated, Chicago, Ill., a Corporation of Illinois. Filed June 18, 1924, Serial No. 720,728. Renewed Sept. 22, 1926. 8 Claims. (Cl. 60—95.)

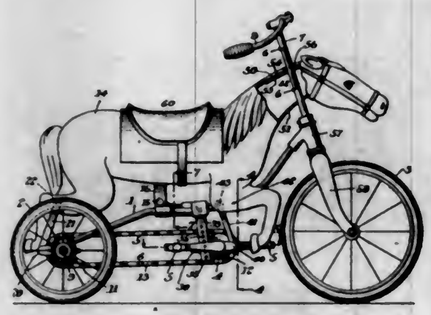


6. In a boiler system, a steam boiler having an induced draft fan, a make-up water heater and a pipe connecting the steam space of said heater with the inlet side of said induced draft fan.

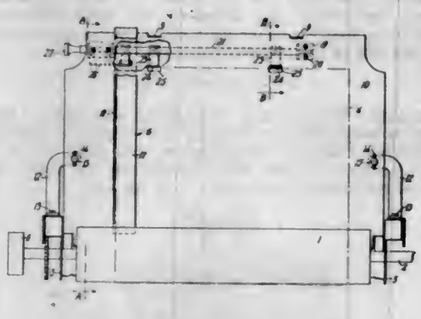
8. In a steam power system, a steam boiler, a steam-driven prime mover connected to said boiler and having a condenser for the exhaust steam from said prime mover, a feed water tank, piping closed to atmosphere to lead the condensate from said condenser to said feed water tank and beneath the lowest water level therein, a make-up water heater, and a pipe connecting said heater with said tank and provided with a water seal to prevent the entrance of air into said tank when said heater is empty.

1,625,337. TRICYCLE. THOMAS W. SHELLEY, Los Angeles, Calif., assignor to Wallace W. Whitecotton. Filed Oct. 14, 1925. Serial No. 62,356. 4 Claims. (Cl. 208—42.)

1. In a tricycle, a frame, wheels on which said frame is mounted, a steering post rotatably mounted on said frame, another wheel mounted in connection with said steering post, a body simulating an animal pivotally mounted on said frame, means in connection with said first mentioned wheels and said body for rocking the latter, said body being provided with a slot through which said steering post extends, and means in connection with said steering post and said body for covering said slot during the movement of said body.



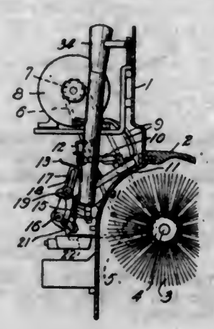
1,625,338. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed July 25, 1924. Serial No. 728,075. 9 Claims. (Cl. 197—140.)



1. In a typewriting machine, in combination, a rotatable platen, a table for holding a work-sheet, a side gage for guiding the movement of said sheet, an end gage for positioning a work-sheet having a writing line occupying one position thereon, and another end gage for positioning a work-sheet having a writing line occupying a different position thereon, both of the two latter gages being movable into and out of effective position.

1,625,339. TIME-SWITCH MECHANISM. HAROLD DAVID THOMAS, New York, N. Y., assignor to Automatic Shoe Shiner Corporation, New York, N. Y., a Corporation of New York. Filed Dec. 10, 1923. Serial No. 679,652. 6 Claims. (Cl. 144—9.)

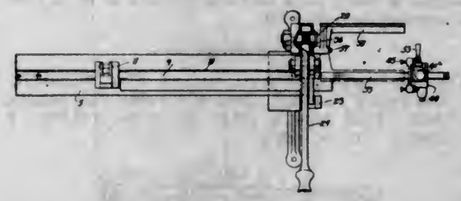
1. In a device of the character described, the combination comprising a knife switch, a motor in circuit with the switch, means for operating the switch and a coin-actuated means for starting the operating means comprising a two part element having its parts mounted on separate pivots, one part being adapted to be engaged by a coin and the other part engaging and controlling the switch operating means and means for limiting the movement of the two parts with relation to each other.



1,625,340. METHOD OF MAKING WELL POINTS. THOMAS C. THOMAS, Evanston, Ill., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio, a Corporation of Ohio. Filed Mar. 13, 1926. Serial No. 94,564. 7 Claims. (Cl. 76—101.)

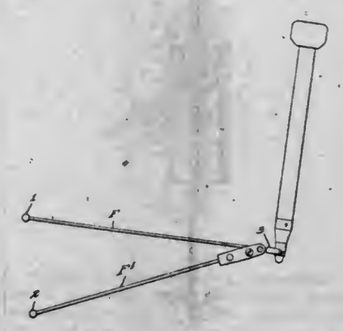
1. The method of forming well point heads which comprises upsetting the end of a pipe or tube so that said upset portion presents a greater diameter than the pipe, and then applying to the exterior surface of said upset portion increasing radial inwardly directed pressure to effect consolidation and progressive cross sectional reduction of said upset portion with resulting formation of an elongated tapering point, solid at its smaller extremity.

1,625,341. METAL CUTTER. DAVID TURTLE and MARK KLITENICK, New York, N. Y. Filed Mar. 25, 1924. Serial No. 701,816. 4 Claims. (Cl. 164—10.5.)



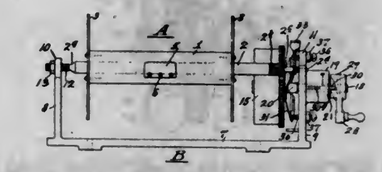
1. In combination with the serrated edge rulers of a metal cutter, an adjusting stop slidable on one of said rulers, said stop comprising a vertical body having a longitudinal slot in the bottom thereof cooperating with said ruler, a spring controlled lever pivoted to the body, the lower, inner face of said lever having serrated teeth adapted to engage the serrated edge of the ruler whereby said stop may be set at predetermined positions, and a micrometer gauging stop associated with the other one of said rulers.

1,625,342. TELAUTOGRAPH APPARATUS. ARLEIGH N. VAN NOSTRAND, Flushing, N. Y., assignor to Telautograph Corporation, Richmond, Va., a Corporation of Virginia. Filed July 24, 1925. Serial No. 45,732. 5 Claims. (Cl. 178—18.)



1. In a telautograph, the combination, with the two transmitter stylus-arms, of a stylus-holding yoke and a ball at one end of one arm, a connecting yoke at one end of the other arm, said connecting yoke having two resilient jaws provided with sockets to receive the ball on the first mentioned arm, said jaws being arranged to press yieldingly on the ball, means for preventing movement of the jaws away from each other, thereby preventing the release of the ball from said connecting yoke, and a stylus mounted in the stylus-holding yoke.

1,625,343. PAPER-WINDING MECHANISM. ARLEIGH N. VAN NOSTRAND, Flushing, N. Y., assignor to Telautograph Corporation, New York, N. Y., a Corporation of Virginia. Filed Jan. 21, 1926. Serial No. 82,671. 3 Claims. (Cl. 242—109.)

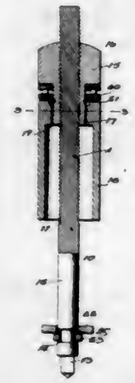


1. In a paper-winder, the combination, with a reel and a spindle provided with a pinion, a spring-motor having a gear wheel arranged to engage said pinion, whereby the spindle and reel are driven by the spring motor, a support in which the spindle is removably journaled, and manually operable means for locking said spindle against removal from its journals, of a braking device arranged to be brought into action to hold the spring-motor inoperative when the locking means is unlocked to release the spindle, and to free the spring motor after the locking means is locked to retain the spindle.

1,625,344. TOOL. LOUIS VINCHEROETS, Grand Rapids, Mich. Filed Aug. 21, 1923. Serial No. 658,621. 6 Claims. (Cl. 29—88.2.)

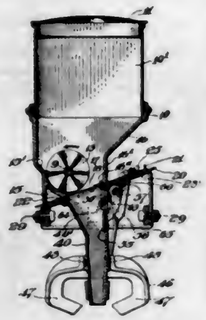
3. A tool of the class described comprising a guide sleeve having an interior shoulder formed at one end, a threaded bolt longitudinally movable through the said

sleeve, an actuating nut threadedly engageable with the bolt including a polygonal wrench receiving head adapted to bear against the adjacent end of the guide sleeve and



a cylindrical extension inserted through the shoulder of the guide sleeve, and a thrust bearing detachably mounted on the opposite end of the bolt.

1,625,345. SEED DRILL. SAMUEL H. YANCEY, Philadelphia, Pa., assignor to S. L. Allen & Co., Inc., a Corporation of Pennsylvania. Filed Sept. 26, 1925. Serial No. 58,731. 4 Claims. (Cl. 221—120.)



1. A seed drill comprising a seed hopper having an opening in its bottom, a regulating slide also having an opening and an agitator wheel mounted for rotation within the hopper, said slide being adapted for movement to and fro with respect to the hopper whereby one part of the opening in the slide may be caused to register with one part of the opening in the hopper so as to provide a relatively small passage through both slide and hopper disposed closely adjacent the periphery of the wheel, or another part of the opening in the slide may be caused to register with another part of the opening in the hopper so as to provide another and relatively larger passage through both slide and hopper at a point more remote from the periphery of the wheel.

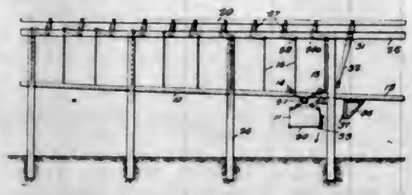
3. In a seed drill, a hopper and a non-flexible seed agitator wheel mounted for rotation within the hopper on a horizontal axis, a portion of the wall of the hopper conforming to the periphery of the wheel and lying closely adjacent thereto, the lower end of said portion terminating substantially in a vertical plane through the axis of rotation of the wheel and the upper end of said portion terminating substantially in alignment with a horizontal plane passing through said axis.

1,625,346. SHOE SHANK. CHARLES ZERGA, Philadelphia, Pa. Filed Oct. 9, 1922, Serial No. 593,230. Renewed Sept. 9, 1926. 2 Claims. (Cl. 36—71.)



1. In combination with a shoe, a shank body interposed between the inner and outer soles, a shank wing projecting from one side of the body and adapted to underlie the side of the shoe arch and means on the wing for embedment in the outer sole.

1,625,347. CONVEYER. WILLIAM R. BANKSON, Pittsburgh, Pa. Filed May 8, 1925. Serial No. 28,938. 1 Claim. (Cl. 104—164.)



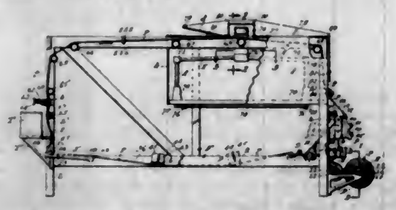
In combination with a tiltable track and a bumper rigid with and depending from the track, a carrier mounted for movement on the track including a swingingly mounted bottom, a catch pivoted to the body for engagement with the bottom and with one end portion arranged to strike said bumper, and a leaf spring arranged between said portion and the body of the carrier.

1,625,348. ROUND FABRIC BELT AND METHOD AND APPARATUS FOR FORMING THE SAME. WILLIAM W. BEWSICK, Shelby, Ohio, assignor to The Cleveland Trust Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 22, 1921. Serial No. 486,918. 17 Claims. (Cl. 270—93.)



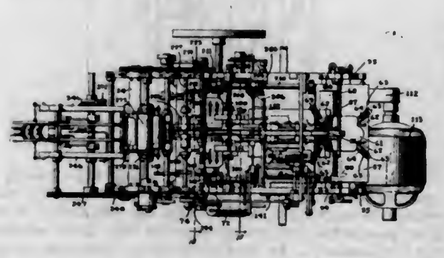
3. In a device of the character described, means for guiding the edge portions of a fabric strip, and means including said guiding means for rolling the intermediate portion of fabric about said edge portions so as to form a substantially round belt.

1,625,349. METHOD AND MEANS FOR SENSITIZING PRINT PAPERS. JOSE L. CAZARES, Los Angeles, Calif. Filed June 3, 1924. Serial No. 717,577. 9 Claims. (Cl. 91—69.)



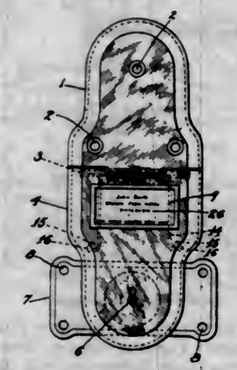
1. The method of sensitizing blue print paper and the like which consists in moving a strip of paper in a substantially horizontal plane for a given distance, and thereafter in a substantially vertical plane for a given distance, applying a film of sensitizing solution to the paper while it is being moved in a vertical plane, so that the solution will run downwardly over the surface of the paper for a given distance, collecting the surplus solution at a point below the horizontal portion of the paper in a suitable receptacle so that the horizontal portion of the paper will move into contact with the solution thus collected, at said receptacle, and thereafter moving the coated surface of the paper into contact with a friction element whereby the surplus solution will be removed and a uniform and regular coating will remain on the surface of the paper.

1,625,350. MACHINE FOR FORMING, PRINTING, AND ASSEMBLING ENVELOPES. EUGENE CONTI, Cliffside Park, N. J., assignor to Alexander Herz, New Rochelle, N. Y. Filed Sept. 30, 1921. Serial No. 504,446. 56 Claims. (Cl. 93—62.)



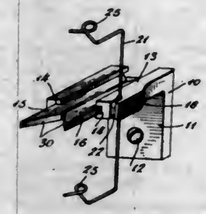
1. In a machine of the class described, a reciprocatory adhesive applying plunger, a reciprocatory adhesive carrying roll for supplying the plunger with adhesive, and means controlled by but supported independently of the plunger for holding an envelope blank in position to receive the adhesive.

1,625,351. TRUNK HASP. SAMUEL P. DARKINS, Pittsburgh, Pa. Filed Jan. 7, 1926. Serial No. 79,860. 2 Claims. (Cl. 292—281.)



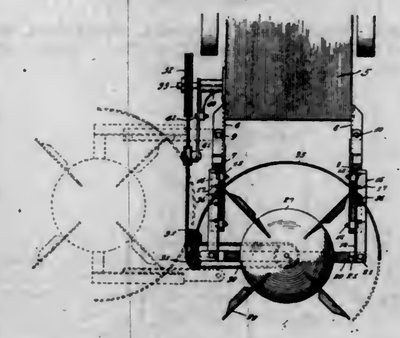
1. In a trunk-hasp, a stationary half and a movable half hingedly connected thereto, said movable half having an aperture cut in its face and having its outer edges bent inwardly to produce a hollow-space; an address-label-holder positioned within said hollow space, and means positioned within said movable half to secure said address-label-holder in proper relation to said aperture.

1,625,352. THREAD CLEANER. PETER DAUGERT, Wilkes-Barre, HENRY FREY, Kingston, and JOHN J. DUNLEAVY, Plymouth, Pa. Filed Apr. 9, 1926. Serial No. 100,789. 9 Claims. (Cl. 28—70.)



1. A thread cleaner including cooperating members arranged in the same plane and having means which, when said members are in certain positions relative to each other, present a slot of one width, and which form a slot of a different width when the relative positions of said members are interchanged.

1,625,353. STRAW SPREADER. THOMAS DUGAN, Wichita, Kans., assignor to J. I. Case Threshing Machine Company, Racine, Wis., a Corporation. Filed Apr. 20, 1925. Serial No. 24,437. 2 Claims. (Cl. 275—8.)

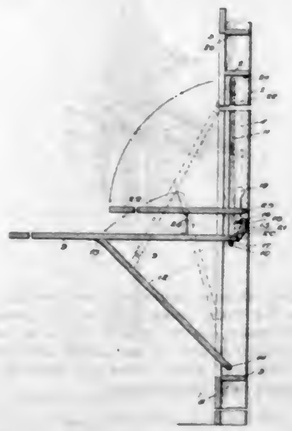


1. A straw spreader for a threshing machine, comprising a frame, a distributing fan thereon, pivotal means connecting one side of said frame to said machine, and removable means connecting the opposite side of said frame to said machine to permit said spreader to be swung alongside said machine for obtaining access to the interior of the latter.

1,625,354. IRONING-BOARD CABINET. GEORGE EVANS, El Paso, Tex., assignor to El Paso Sash and Door Company, El Paso, Tex. Filed Oct. 19, 1926. Serial No. 142,622. 1 Claim. (Cl. 68—10.)

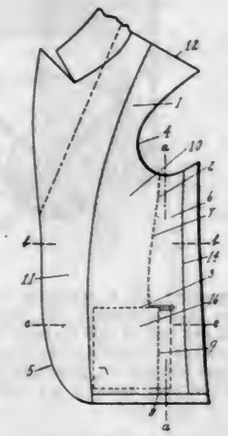
An ironing board cabinet adapted to be built into a wall and comprising top, bottom, and sides, the latter having vertical grooves throughout a portion of their length, an ironing board having means at one end adapted to slide in said grooves toward the upper end of the same as the board is moved to closed position, a brace pivotally connected to the board intermediate its ends and pivoted at its other end near the bottom of the cabinet, and means for holding the inner end of the board against movement when in operative position, said

means comprising a spring-pressed pivoted latch member adapted to normally engage a beveled portion at the rear end of the ironing board and a pivoted operating member mounted above said pivoted latch and



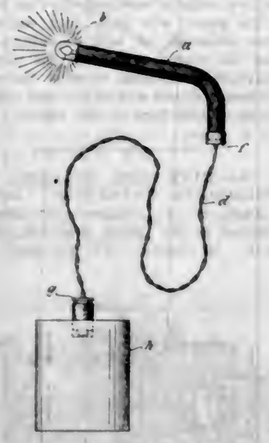
normally in engagement therewith, whereby movement of the operating member in one direction will cause the pivoted latch to be forced from engagement with the beveled end of said board.

1,625,355. COAT. ISRAEL FARBMAN, Philadelphia, Pa. Filed Mar. 6, 1926. Serial No. 92,872. 1 Claim. (Cl. 2—97.)



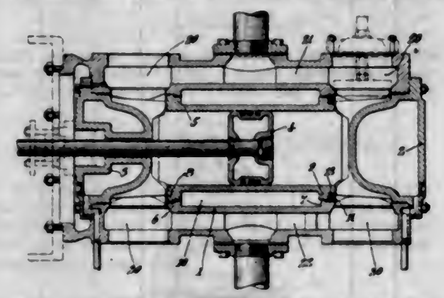
A coat comprising a body having an inturned fold, a downwardly extending shaping cut formed in the body, the opposing edges of the shaping cut being stitched together, and a pocket opening being formed in the body, a strip of material attached to the body of the coat along the downwardly extending shaping cut, around the pocket opening, and by stitches in the unexposed side of the body between the pocket opening and the bottom edge of the coat, a lining secured along the inturned fold, and the bottom edge of the coat, the other side edge of the lining, and the side edge of the strip being sewed together to form a closure, said edge of the lining being free of the body along its entire edge from the arm-hole to the bottom edge of the coat.

1,625,356. ASEPTIC LIGHTING TORCH. WILHELM GEULEN, deceased, Freiburg, Germany, by Klara Geulen, née Schreiber, executrix, Freiburg, Germany, assignor to Carl Herzog, Freiburg, Germany. Filed Nov. 9, 1925, Serial No. 68,008, and in Germany May 10, 1924. 1 Claim. (Cl. 128—23.)



An aseptic torch comprising a glass tube having a transparent end portion, an incandescent lamp in said portion to emit light therethrough, the remainder of the tube presenting opaque surfaces to the lamp whereby light transmission in the direction of the eyes of the observant is prevented, and means for connecting the lamp to a source of light.

1,625,357. CYLINDER AND LINER CONSTRUCTION. HEWITT A. GEHRES, Mount Vernon, Ohio. Filed Aug. 27, 1925. Serial No. 52,743. 7 Claims. (Cl. 74—108.)



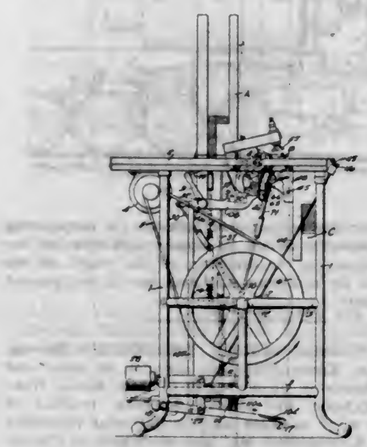
1. In combination, a cylinder body member and a liner enclosed thereby, said body member having seats slidably engaging the liner to support it, a clamping member overlying one end of the liner, and bolts engaging between said clamping member and the liner to draw the liner into proper position on said seats.

1,625,358. SELECTIVE ATTACHMENT FOR ADDRESSING MACHINES. ERWIN A. GEIGER, Ridgewood, N. J.; AUGUST F. SCHRAEGLE, Ridgewood, and HENRY T. JENNINGS, Glendale, N. Y., assignors to Rapid Addressing Machine Company, a Corporation of New York. Filed June 8, 1926. Serial No. 114,415. 52 Claims. (Cl. 101—48.)

1. In an addressing machine having mechanism for feeding a series of address bearing strips to and through a printing zone, a driving mechanism for said machine, a movable member adapted to disconnect said driving mechanism from said feeding mechanism, and a pedal

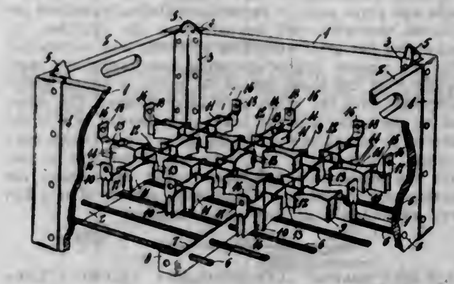
connected to said movable member, the combination, with said above described apparatus of means for automatically breaking said pedal connection whenever a strip of a predetermined character reaches printing position, whereby the operator has time to then examine said strip before again starting the machine.

28. In a selective device for use with a series of cards or similar objects being forced along suitable guides,



the combination of a series of independently pivoted fingers located above said cards, a common movable member adapted when in normal position to hold any of said fingers resting upon it slightly above said cards, and connections for moving said member into another position which will allow any finger resting on it to fall far enough to touch the card beneath and enter any recess in said card registering with such finger.

1,625,359. BOTTLE CRATE. HERBERT H. GERDING, Newport, and EDWARD A. GERDING, Fort Thomas, Ky. Filed May 19, 1926. Serial No. 110,150. 7 Claims. (Cl. 217—19.)

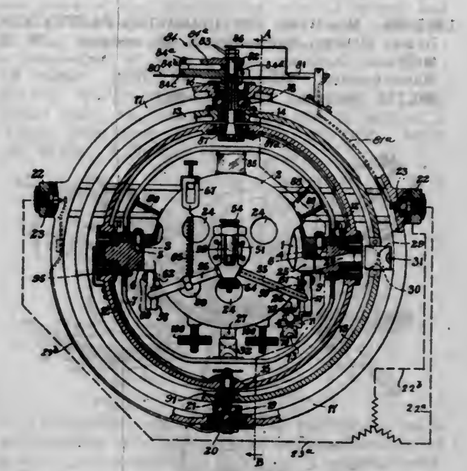


1. In a bottle crate, in combination with side and end walls, partition members each having segmental lateral extensions, each extension substantially less than ninety degrees in length and disposed substantially symmetrically to a center line at right angle to the length of the member, each member being relatively deep and transversely thin between said extensions and crossing each other between the extensions and having connections at its ends to respective walls of the crate.

1,625,360. MANUFACTURE OF PHYSIOLOGICALLY-ACTIVE SUBSTANCES FROM OVARIES, CORPUS LUTEUM, AND PLACENTA. MAX HARTMANN, Basel, Switzerland, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Original application filed Apr. 14, 1924, Serial No. 706,593, and in Switzerland May 8, 1923. Divided and this application filed Aug. 5, 1926. Serial No. 127,474. 4 Claims. (Cl. 167—7.)

1. A process for the manufacture in highly concentrated form of the hormones from female internal secretory organs by subjecting extracts of said organs obtained by any process to the action of basic lead acetate, thereby precipitating out the inactive matter.

1,625,361. GYROCOMPASS. JAMES BLACKLOCK HENDERSON, Lee, England. Filed Aug. 29, 1919, Serial No. 320,681, and in Great Britain May 19, 1919. 33 Claims. (Cl. 33—204.)



2. In a gyro compass, a gyroscope, a follow-up element within which the gyroscope is mounted, fluid pressure means directly connecting the gyroscope and the follow-up element for causing the element to follow the gyroscope and fluid pressure means for damping the oscillations of the gyroscope.

13. In a gyro compass, a gyroscope consisting of an electric motor, a ring upon which the gyroscope is supported, a second ring upon which the first ring is supported in such a manner that it may be rotated completely around the first ring and gyroscope and circuit connections for conducting current to the motor in all positions of the second ring with respect to the first ring and gyroscope.

33. In a gyroscopic instrument, a gyroscope consisting of a rotating element and a casing, a member on which the gyroscope is mounted on a horizontal axis, a second member on which the first member is mounted for turning about a vertical axis, and means for causing jets of air produced by the rotation of the element within the casing to act directly upon the members to cause them to follow the movements of the gyroscope about their respective axes.

1,625,362. SANDING DEVICE FOR POWER VEHICLES. ERICH HESS, Dahlem, near Berlin, Germany. Filed June 2, 1926. Serial No. 113,348, and in Germany July 8, 1925. 6 Claims. (Cl. 291—3.)

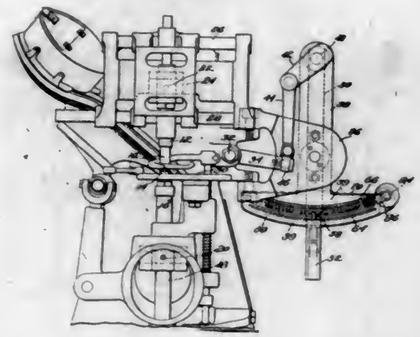
1. A sanding device for power vehicles, comprising, in combination, a sand box and a sand outlet nozzle on the

same, a motor exhaust gas pipe extending through the entire length of said box into said nozzle and being the continually used exhaust pipe proper of the motor of the



vehicle, and a shut-off device located in the said sand box nozzle and being so designed as never to close the orifice of said sole exhaust pipe.

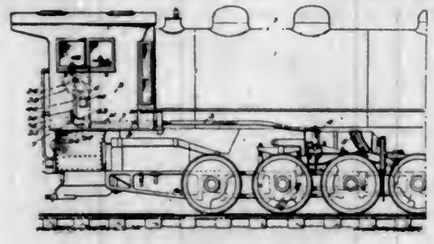
1,625,363. MACHINE FOR INSERTING FASTENINGS. LUMAN HOLDEN, Manchester, N. H., assignor to W. H. McElwain Company, Boston, Mass., a Corporation of Massachusetts. Filed Aug. 10, 1921. Serial No. 491,131. 8 Claims. (Cl. 218—15.)



1. In a fastener inserting machine of the type in which the fasteners are set successively in spaced relation and mechanism is provided to vary the spacing controlled by the position of an adjustable arm, a pin plate having a series of pin-receiving holes indicating the required position of the arm for the correct spacing of all the different styles and the sizes thereof of the work to be operated upon over which the arm is moved, a pin on the arm for entering said holes one at a time to adjust the spacing mechanism in position for the spacing indicated thereby, a templet having a series of pin holes indicating the required position of the arm for the different sizes of a single style, and means for securing said templet to the pin plate with its holes registering with the corresponding holes in the pin plate and closing other holes interspersed with said registering holes.

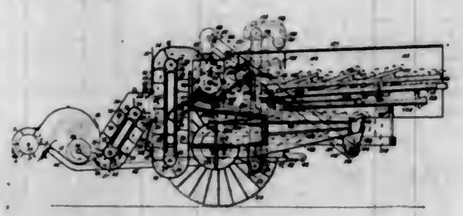
1,625,364. REVERSING GEAR FOR LOCOMOTIVES. JOSEPH B. HOLLAND, Baltimore, Md. Filed June 17, 1926. Serial No. 116,675. 4 Claims. (Cl. 74—27.)

1. In a gear reversing mechanism for locomotives, a rack bar adapted for connection with the reach rod of a locomotive, a housing having aligned openings in opposite walls thereof through which said rack bar extends, pairs of horizontal rollers rotatably supported within said housing adjacent to said opposite walls of the housing, the rollers of each pair respectively being in rolling contact with the upper and lower faces of said rack bar, the teeth of said rack bar being on the inner face of the rack bar, a vertically disposed rotary shaft within said housing having its lower end portion located adjacent to the inner side of said rack bar, a pinion secured to the lower end portion of said shaft in mesh with the teeth of said rack bar, and a vertically disposed roller in rolling contact



with the outer side face of said rack bar for cooperating with said horizontal rollers to support said rack bar for guided movement in the direction of the length of the rack bar and for retaining said rack bar in engagement with the pinion.

1,625,365. STANDING-GRAIN THRASHER. HOWARD T. INGHRAM, Kansas City, Mo., assignor, by direct and mesne assignments, of one-fourth to Louis Kraus, Howard T. Inghram, and George Schaefer, trustees of the Trust doing business as The Universal Harvester Company, Kansas City, Mo., and one-fourth to Universal Harvester Corporation, a Corporation of Colorado. Filed Aug. 27, 1921. Serial No. 495,890. 4 Claims. (Cl. 130—27.)



1. In a thrashing machine wherein is provided straw racks and grain pans; a thrashing cylinder, a concave associated therewith and located below the cylinder, an articulated flat grate extending upwardly and rearwardly from the concave, fingers extending downwardly and rearwardly from the upper end of the grate, a rotary beater associated with the grate at a place between the upper end of the grate and the lower end thereof, said grate adapted to permit passage of the grain therethrough onto a grain pan beneath, and said fingers adapted to deliver the straw onto the straw racks, and means for shaking said fingers and the adjacent portion of said flat grate substantially as shown and described.

1,625,366. CABLE AND TROLLEY CLAMP. LYNN JOHNSTON, Cincinnati, Ohio, assignor to The Electric Railway Equipment Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Sept. 9, 1926. Serial No. 134,525. 6 Claims. (Cl. 191—43.)

1. A cable and trolley clamp comprising a plate member having spaced grooves therein, integral hook members adjacent one of said grooves, a semi-cylindrical member having apertures therein for receiving the hooks on the first mentioned plate member whereby said semi-cylindrical member is suspended from the first mentioned plate member, an integral perforate lug carried by said

semi-cylindrical member, means extending through the perforation in said lug for clamping it to the first mentioned plate member and a third member comprising a

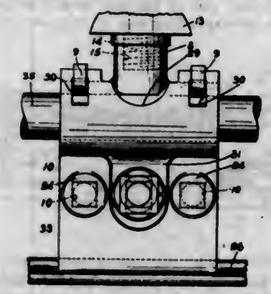
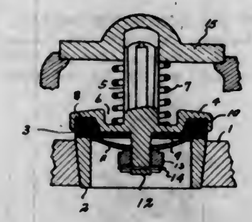


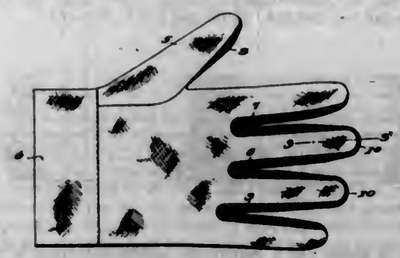
plate having a semi-circular groove therein adapted to be independently secured to the first mentioned plate member.

1,625,367. VALVE. LOUIS H. KENNON and LOWELL J. LANGDON, Houston, Tex. Filed Apr. 6, 1925. Serial No. 21,184. 2 Claims. (Cl. 251—144.)



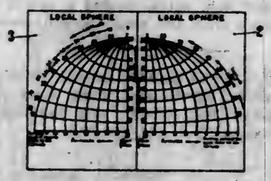
1. A valve including a central plate having an upstanding stem and a central depending stud, said plate having an annular groove around the stem forming a seat and having an annular marginal groove on its under side, a resilient disc having a central opening to receive said stud and having a marginal rib which fits into said last named groove and a resilient concavo-convex disc beneath the first mentioned disc for supporting said first mentioned disc.

1,625,368. HAND COVERING. GUSTAVE A. KURZ, Zanesville, Ohio. Filed Mar. 30, 1926. Serial No. 98,554. 4 Claims. (Cl. 2—169.)



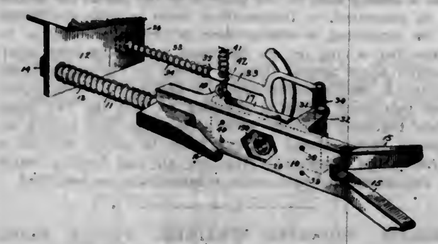
1. In the manufacture of hand coverings, a straight continuous three-fold fourchette strip, comprising similar portions of unequal length and each of the portions tapering toward its extremities.

1,625,369. METHOD AND DEVICE FOR RAPIDLY SOLVING ORDINARY PROBLEMS IN ASTRONOMIC NAVIGATION. WILLIAM ARTHUR LOTH, Paris, France, assignor to Societe Industrielle des Procedes W. A. Loth, Paris, France. Filed Oct. 3, 1923, Serial No. 666,394, and in France Oct. 5, 1922. 11 Claims. (Cl. 33—1.)



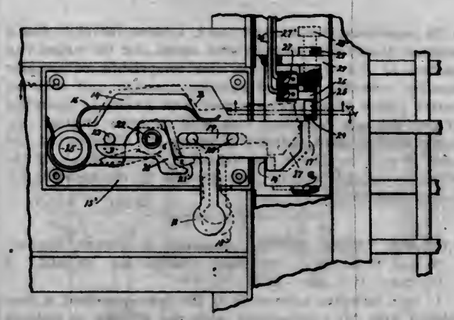
1. In a system for rapidly solving problems of astronomical navigation, diagram plans of the local sphere, diagram plans of the corresponding celestial sphere, and means for movably supporting the plans with respect to each other and for superposing said plans.

1,625,370. TRAIN-PIPE COUPLER. RICHARD T. LOWE, Cedar Bluff, Va., assignor of one-half to Ballard I. Payne, Cedar Bluff, Va. Filed May 23, 1925. Serial No. 32,520. 4 Claims. (Cl. 285—58.)



1. A train-pipe coupler comprising cooperating heads each consisting of a member extending longitudinally of the car, a pipe-coupling for each head, a coupling-carrying-block movably mounted on the head and being substantially parallel wtih said member, a lever to act upon the block to press the pipe-couplings together, and means to rock said lever in opposite directions automatically.

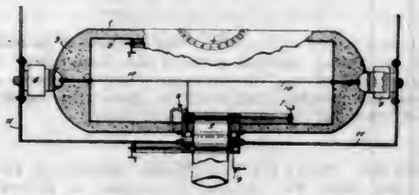
1,625,371. LOCK-ACTUATED SWITCH. JOSEPH B. MCLELLAN, Wichita, Kans., assignor of one-half to Herman F. Hoffman, Wichita, Kans. Filed Dec. 8, 1925. Serial No. 74,101. 2 Claims. (Cl. 200—55.)



1. In a combined door catch and alarm system, a sliding door, a lock rigidly connected to said door, a pivotally mounted catch in said lock, a sub catch slidably mounted on said catch, a throw lever, a shaft and a knob for actuating said lever, a wing integral with said throw

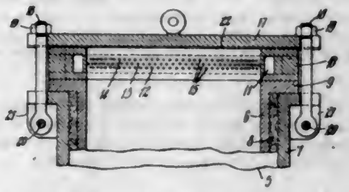
lever, said wing engaging with a stud integral on said catch as actuating means by one way rotation of the knob, disengaging the hook of said catch, a second wing integral with said throw lever, said wing adapted to engage the end of said sub catch in an opposite rotation from first said rotation, sliding said catch outwardly to a determined distance and simultaneously elevating the free end of first said catch, closing a switch and disengaging the catch from the keeper simultaneously.

1,625,372. PNEUMATIC CONNECTING DEVICE. MENOTTI NANNI, Tivoli, near Rome, Italy. Filed May 5, 1926, Serial No. 106,991, and in Italy Mar. 27, 1926. 7 Claims. (Cl. 114—16.70.)



1. Pneumatic connecting device comprising in combination a sliding door in the interior of the one of the bodies to be connected, an intermediate room between the bodies to be connected, a sliding door in the other body to be connected, a ring on the one body, having an open semi-circular space formed therein, a ring on the second body, having a semi-circular space, a device for keeping the said two rings adhering together so that the two rings when fastened together form a complete ring having inside an empty closed circular space in which vacuum is formed, and pipes for extracting air and leading water to the interior of said space substantially as described.

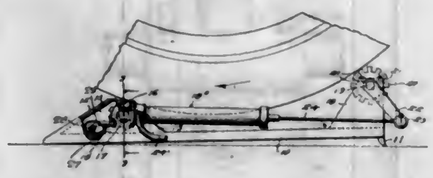
1,625,373. DIGESTER STRAINER. PAUL R. PANZL, Shawinigan Falls, Quebec, Canada. Filed Apr. 19, 1926, Serial No. 102,898, and in Canada Dec. 14, 1925. 1 Claim. (Cl. 92—7.)



In combination, a digester tank, a cover therefor, and a strainer interposed between said cover and the upper end surface of the digester tank and comprising an annular member provided with an annular chamber and with an outlet orifice from said chamber and having a plurality of perforations extending into said chamber through the inner wall of said annular member, the diameter of the bore of said strainer being substantially the same as the diameter of the bore of that portion of the digester adjacent thereto.

1,625,374. TIRE PUMP. FRANCIS E. REEFE, Omaha, Nebr. Filed June 22, 1926. Serial No. 117,803. 2 Claims. (Cl. 230—27.)

1. In a pumping apparatus of the type described, a base having lugs for engagement with the ground to prevent longitudinal movement thereof, an incline at one end of the base including standards arranged at the sides of the base, a shaft rotatably mounted in the inner ends of the standards and extending transversely of the base and projecting to one side thereof, similar standards arranged at the opposite end of the base, a second shaft mounted therein, a drum secured to the second shaft between the standards, a roller mounted upon the first shaft between the standards, a pump having a base rotatably engaged with the projecting end of the first named shaft, a crank carried by the corresponding end of the last named shaft,



a connection between the plunger rod of the pump and the crank, said roller having its surface transversely grooved and a spring-pressed pawl coacting with said grooves and preventing rotation of the roller in a direction such that the upper surface of the roller is moving away from the upper end of said incline.

1,625,375. ARTICLE OF JEWELRY. JOSÉ DE LARA REYES, Los Angeles, Calif. Filed Mar. 19, 1924. Serial No. 700,367. 1 Claim. (Cl. 63—1.)



In an article of jewelry, an upper open ended vial for the reception of an odoriferous material, a perforated cap for the open end of the vial, arms projecting laterally from the vial adjacent its open end, chains connected to the arms, a fastening element attached to the chains for supporting the vial, and pendants hanging from the arms and adapted to strike the vial when the same is swinging from the chains attached to the fastening elements.

1,625,376. SCREEN FOR CENTRIFUGAL BASKETS. EUGENE ROBERTS, Salt Lake City, Utah, assignor to The Western States Machine Company, Salt Lake City, Utah, a Corporation of Utah. Filed Aug. 18, 1921. Serial No. 493,324. 3 Claims. (Cl. 210—76.)



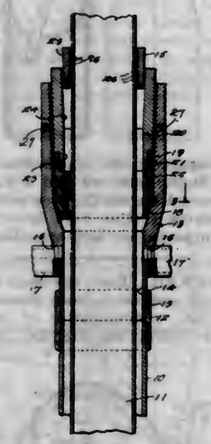
1. A screen for a centrifugal basket embracing in construction a plurality of circumferential sections having their opposite ends overlapping the adjacent ends of the next section and joined therewith to prevent lateral separation while allowing circumferential expansion, substantially as described.

1,625,377. BACKING FOR CENTRIFUGAL BASKETS. EUGENE ROBERTS, Salt Lake City, Utah, assignor to The Western States Machine Company, Salt Lake City, Utah, a Corporation of Utah. Filed Aug. 18, 1921. Serial No. 493,325. 3 Claims. (Cl. 210—76.)



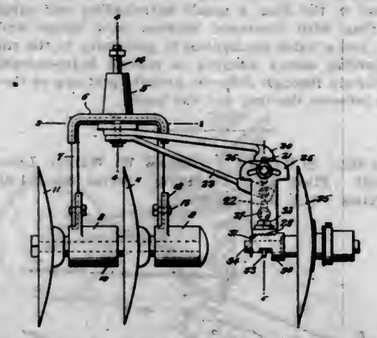
1. In a centrifugal basket the combination with a perforated circumferential basket wall, an interior finely perforated screen, and an interposed reticulated backing comprising a strip of reticulated material where opposite end portions are overlapped with the circumferential strand projecting a substantial distance beyond the reticulated or woven body and gradually reduced in thickness radially to avoid the formation of creases in the screen when the screen is forced against the backing by the centrifugal pressure of the interior mass of material in the basket, substantially as described.

1,625,378. CASING HEAD FOR OIL WELLS. JOSEPH E. SNODGRASS, Amarillo, Tex., assignor of one-third to Leon Victor Lienhard, Amarillo, Tex. Filed June 12, 1926. Serial No. 115,566. 4 Claims. (Cl. 166—14.)



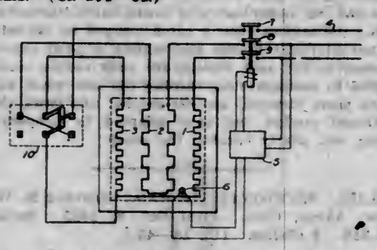
1. In a casing head for oil wells embodying inner and outer casings, a body adapted to be attached to the outer casing and having a bore increasing in diameter toward its upper end, a sleeve to surround the inner casing and externally formed to fit within the tapered portion at the upper end of the bore, a packing carried by the lower end of the sleeve, slips for engagement with the inner casing and with the sleeve to lock the sleeve to the inner casing for downward movement with the inner casing and a forming shoulder at the lower end of the tapered bore of said body for directing the packing inwardly during downward movement of the sleeve to thereby force it into engagement with the inner casing.

1,625,379. DISK HARROW. PATRICK SWEENEY, Wisner, Nebr. Filed June 9, 1926. Serial No. 114,769. 4 Claims. (Cl. 55—82.)



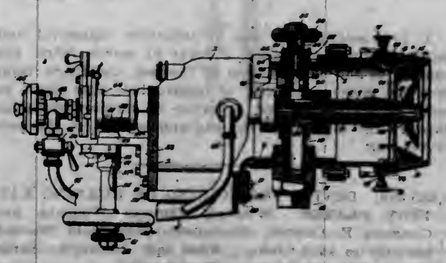
1. A disk gang including, in combination, a casting, means for mounting a gang of disks on the casting, a bar extending from the casting and having a depending extension provided with a pair of slots, a bracket having a pair of arms one of which is provided with slots, a pin piercing the slots for affording vertical adjustment of the bracket in relation to the extension, and means for journaling a single auxiliary disk on the other arm of the bracket.

1,625,380. ELECTRIC HEATING DEVICE. RANDAL E. TALLEY, North Irwin, Pa., assignor to George J. Hagan Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Feb. 24, 1926. Serial No. 90,296. 10 Claims. (Cl. 204—64.)



1. In a heating device the combination with a plurality of heating elements, of means for connecting the heating elements in star when using a three phase current or in series when only one phase of the current is to be used.

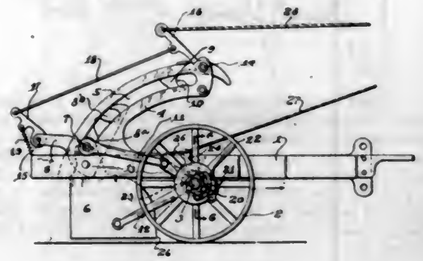
1,625,381. BURNER. LUDWIG WALLSTROM, Lima, Peru. Filed Nov. 17, 1926. Serial No. 148,917. 5 Claims. (Cl. 158—76.)



1. A burner comprising a casing, nested tubes within the casing and affording fuel passageways and providing atomizing means at their outlet ends, a plate supported

by and surrounding the atomizing means, a co-operating ring having a conical inner surface surrounding the plate, means for axially adjusting at least one of the tubes with respect to the ring, a nozzle surrounding and supporting the ring with clearance between said nozzle and said ring, and a valve mechanism in proximity to the ring and comprising means adapted to control independently the flow of air through different arcuate portions of the clearance between the ring and the nozzle.

1,625,382. SCRAPER. WILLIAM W. WELCH, Livermore, Calif. Filed Mar. 11, 1926. Serial No. 94,017. 2 Claims. (Cl. 37—132.)



1. In a device of the class described in combination, a frame, an axle, a pair of wheels, guides attached to the said frames, slots in the said guides, a cross bar adapted to move in the said slots, a scoop supported by the said cross bar, an upper catch, a lower catch, means for releasing the said catches, a ratchet keyed to the said axle on the outer side of the said wheels, a pawl and spring attached to the said wheels, the said ratchet and pawl adapted to co-operate for turning the axle when the said wheels move forward, another ratchet and pawl, the last mentioned ratchet and pawl adapted to co-operate for raising and partly turning the scoop.

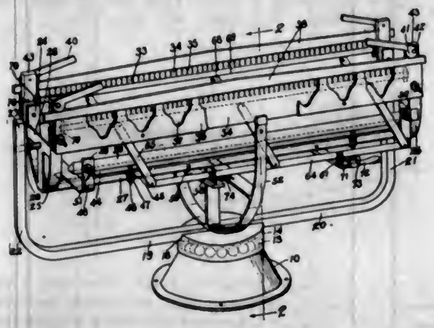
1,625,383. SECTIONAL AIR BAG. HERBERT K. WHEELOCK, Akron, Ohio. Filed Oct. 8, 1925. Serial No. 61,313. 8 Claims. (Cl. 18—45.)



1. In a sectional air bag, an inflatable, segmental body portion formed of rubber, a layer of woven fabric vulcanized to the body portion of the bag, the fabric being provided with a plurality of longitudinal slits about its outer circumference, and a flexible tie member extending through the interior of the bag and secured to the ends of the bag.

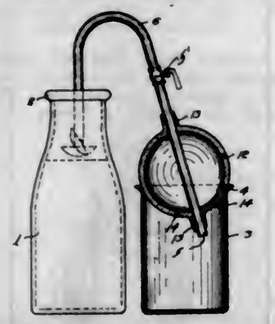
1,625,384. DEVICE FOR JOINING OR BURNING BATTERY PLATES. WILLIAM THOMAS WOODALL and CHARLES E. GIRTON, Cincinnati, Ohio; said Woodall assignor to said Girton. Filed July 23, 1926. Serial No. 124,537. 7 Claims. (Cl. 113—99.)

4. A battery plate burning jig comprising a frame adapted to be actuated in a horizontal plane, a second frame pivotally mounted on the first frame and adapted to be oscillated in a vertical plane, means associated with the movable frame adapted to hold battery plates in spaced relation, means carried by the movable frame for



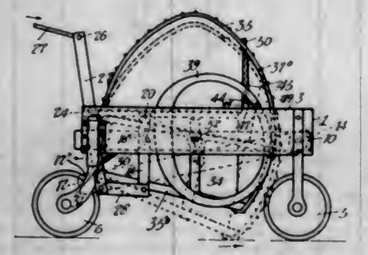
actuating the said movable frame about its pivotal mounting, and means for locking the movable frame in adjusted positions relative to the fixed frame.

1,625,385. CREAM SEPARATOR. CLIFTON E. BENEDICT, Spokane, Wash. Filed Apr. 9, 1926. Serial No. 100,902. 1 Claim. (Cl. 137—20.)



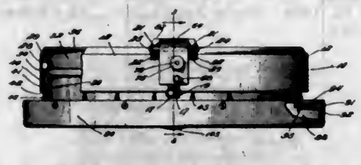
In a cream separator the combination with a siphon tube having a flaring inlet-end and a pair of trunnions having an intermediate attaching loop secured to said end, of a concavo-convex suction head below said inlet end and pivotally supported on said trunnions.

1,625,386. SHOCKER. BERT CLEMENT BERRY, Calgary, Alberta, Canada, assignor to Berry Shocker Incorporated, Wilmington, Del., a Corporation of Delaware. Filed Aug. 20, 1919. Serial No. 318,738. 14 Claims. (Cl. 56—419.)



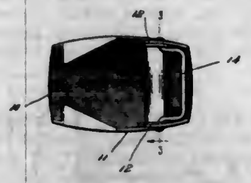
1. In a shocker, a supporting member adapted to be raised and lowered, a sheaf receiver pivoted in the supporting member, and a ground engaging member associated with the sheaf receiver and adapted to be brought into ground contact by the lowering of the supporting member to upend the shock.

1,625,387. BANJO. ARSENE J. BOUCHARD, Providence, R. I. Filed July 10, 1925. Serial No. 42,715. 12 Claims. (Cl. 84—272.)



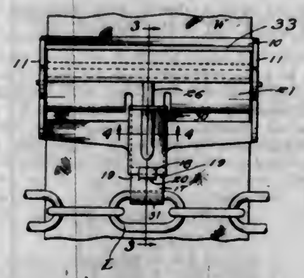
1. In a banjo, a body comprising an outer sectional hinged tension ring having an annular recess with spaced-apart shoulders, an inner body rim, the said ring being movable relatively thereto, the said rim having a shoulder extended into said recess, and means engaging the shoulder of the said rim to assist in securing the rim in cooperative relation with said ring.

1,625,388. BELT BUCKLE. LEWIS S. CHILSON, Attleboro, Mass., assignor to J. M. Fisher Company, Attleboro, Mass., a Corporation of Rhode Island. Filed Mar. 2, 1925. Serial No. 12,564. 4 Claims. (Cl. 24—191.)



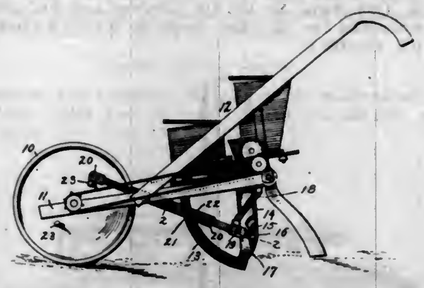
1. A buckle having a body portion, a clamping member having end ears, a bail member having outturned ends extending through said ears and pivoted in said body portion, said bail lying substantially in a single plane and being in proximity to the rear surface of said clamping member so as to exert a pressure thereon when under tension by the belt.

1,625,389. HARNESS BUCKLE. JAMES W. CRONAN, Portageville, Mo. Filed Apr. 22, 1926. Serial No. 103,909. 5 Claims. (Cl. 54—55.)



1. In a back band buckle, a plate formed with flanges at the side thereof, the plate having slots through which the back band may be threaded to place a portion thereof at the same side of the plate as the flanges, a locking member pivoted between the flanges and including a web engaging flange which, in the locking position of the locking member, is perpendicularly disposed to the plate, the pivotal connection of the locking member with the flanges permitting longitudinal movement of the locking member upon the plate, and a forwardly pressed portion on said plate confronting the flange of the locking member when in the locking position.

1,625,390. CORN PLANTER. JOHN M. RAY, Apollo, Pa. Filed Apr. 2, 1925. Serial No. 20,107. 1 Claim. (Cl. 111—51.)



A planter comprising a front wheel, a spout in rear of such wheel, a shoe situated between the wheel and the spout, a gate pivoted within the spout below the top thereof, a crank arm connected with the gate, a lever connected at its rear end with the crank arm and pivoted between its ends to the shoe, said lever reaching forward from its pivot alongside the wheel, means carried by the wheel to move said lever in one direction, and a spring connected with the crank arm acting to move the lever in the opposite direction.

1,625,391. TOOL FOR CUTTING AND REMOVING PIPE FROM WELLS. JOHN B. REILLY, Whittier, and CHARLES H. STONE, Brea, Calif., assignors to Kammerer Corporation, Santa Fe Springs, Calif., a Corporation of California. Filed July 19, 1923, Serial No. 652,511, and in Great Britain Oct. 8, 1923. 21 Claims. (Cl. 81—189.)



1. A tool of the class described comprising relatively movable members, pivoted cutter blades oscillatable from collapsed position into cutting position by relative movement between the members, yieldable arms on one of the members engageable with a shoulder on the pipe that is to be cut, and means connected with the other member to move said other member.

1,625,392. TOOL FOR CUTTING AND REMOVING PIPE FROM WELLS. JOHN B. REILLY, Whittier, and CHARLES H. STONE, Brea, Calif., assignors to Kammerer Corporation, Santa Fe Springs, Calif., a Corporation of California. Original application filed July 19, 1923, Serial No. 652,511. Divided and this application filed Jan. 20, 1925. Serial No. 3,642. 8 Claims. (Cl. 81—180.)



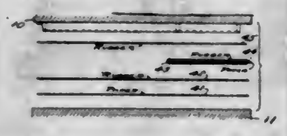
2. A tool of the character described comprising a tubular body adapted to slip over a pipe, slips inside of the body, means operated by upward movement of the body to force the slips into engagement with the pipe and means to thereafter cut the pipe below the slips.

1,625,393. TOOL FOR CUTTING PIPE IN WELLS. JOHN B. REILLY, Whittier, and CHARLES H. STONE, Brea, Calif., assignors to Kammerer Corporation, Santa Fe Springs, Calif., a Corporation of California. Original application filed July 19, 1923, Serial No. 652,511, and in Great Britain Oct. 8, 1923. Divided and this application filed Jan. 20, 1925. Serial No. 3,643. 2 Claims. (Cl. 81—189.)



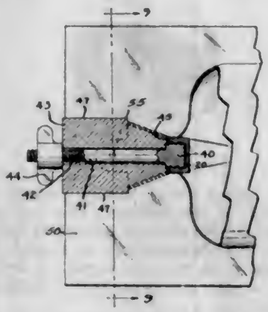
1. A tool of the character described comprising a tubular body having a longitudinally extending slot, a bowed spring, means securing one end of the spring in the slot, means shiftably mounting the other end of the spring in the slot, and a cutter blade on the spring.

1,625,394. METHOD OF MAKING HOLLOW RUBBER ARTICLES. FRED THOMAS ROBERTS, Yonkers, N. Y., assignor to Paramount Rubber Consolidated Inc., Tuckahoe, N. Y., a Corporation of Delaware. Filed May 12, 1924. Serial No. 712,505. 46 Claims. (Cl. 154—2.)



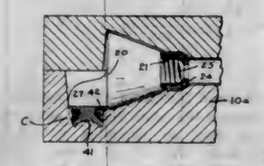
1. The method of making hollow articles of plastic material, comprising simultaneously forming marginal seams between different pairs of layers.

1,625,395. METHOD OF MAKING HOT-WATER BOTTLES, DOUCHE BAGS, ETC. FRED THOMAS ROBERTS, Yonkers, N. Y., assignor to Paramount Rubber Consolidated Inc., Tuckahoe, N. Y., a Corporation of Delaware. Filed Apr. 18, 1925. Serial No. 24,051. 16 Claims. (Cl. 18—56.)



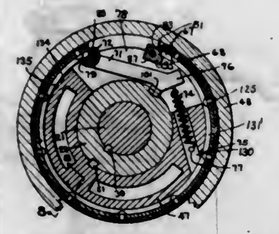
1. The method of making hot water bottles and similar articles comprising forming the body of the article about a ferrule embraced by a sheath of plastic stock with the body overhanging the ferrule, severing the portion of the body beyond the ferrule sheath, then applying material for a funnel at the end of the trimmed body.

1,625,396. METHOD OF MAKING HOT-WATER BOTTLES. WILLIAM E. ROBERTS, Yonkers, N. Y., assignor to Paramount Rubber Consolidated, Inc., Tuckahoe, N. Y., a Corporation of Delaware. Filed Dec. 8, 1924. Serial No. 754,499. 9 Claims. (Cl. 18—56.)



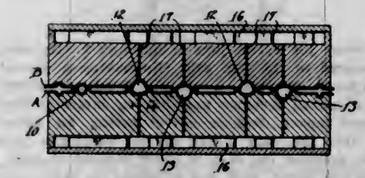
1. A method of making a hot water bottle comprising the seating of sheets of rubber within cooperating mold sections, bringing the sheets together upon an interposed ferrule having lateral projections associated therewith, and exerting pressure on the sheets to join them and clamp the projections within the seams.

1,625,397. FRICTION-CLUTCH MECHANISM. ALBERT E. ROBINSON, Cincinnati, Ohio, assignor to The American Tool Works Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 11, 1924. Serial No. 731,298. 3 Claims. (Cl. 192—77.)



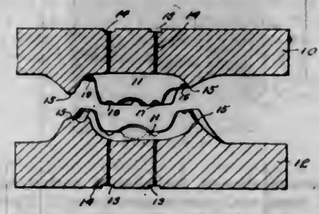
1. A friction clutch comprising an inner wall and an outer wall having an annular space therebetween, a friction-band received in said space, said friction-band comprising a resilient body and a preponderantly non-metallic friction-layer, the inner face of said resilient body provided with an annular groove forming annular resting faces at the respective sides of said groove for said resilient body on said inner wall, and tension-members fixing said friction-layer to said resilient body, said tension-members comprising enlargements located wholly within said annular groove and spaced from each other in said annular groove.

1,625,398. METHOD OF AND APPARATUS FOR MAKING HOLLOW RUBBER ARTICLES. JAMES SCHAEFER, West Paterson, N. J., assignor to Paramount Rubber Consolidated, Inc., Little Falls, N. J., a Corporation of Delaware. Filed Apr. 16, 1923. Serial No. 632,231. 27 Claims. (Cl. 18—56.)



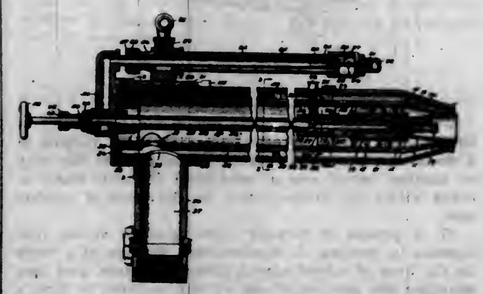
1. The method of forming hollow rubber articles comprising bringing together two parts with the meeting edges thereof lying in a single plane and then vulcanizing the parts with the meeting edges lying in a plurality of planes.

1,625,399. METHOD OF AND APPARATUS FOR MAKING HOLLOW RUBBER ARTICLES. JAMES SCHAEFER, Yonkers, N. Y., assignor to Paramount Rubber Consolidated, Inc., a Corporation of Delaware. Filed June 28, 1924. Serial No. 722,986. 16 Claims. (Cl. 18—35.)



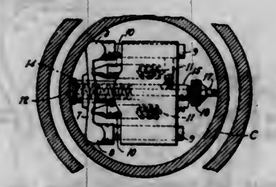
13. A mold for making hollow articles comprising a casting having a rectangular recess therein, a series of rectangular mold blocks side by side in said recess, resting on the floor thereof, a groove in said floor beneath the mold blocks, a passageway leading from said groove, a groove in the base of each mold block, a cavity in the face of each mold block, and a passageway in each mold block from the face cavity to the base groove thereof, said base grooves of the blocks being adapted to communicate with the floor groove of the basket.

1,625,400. OIL BURNER. ISAAC M. SHARP, San Francisco, Calif. Filed June 21, 1923. Serial No. 646,758. 6 Claims. (Cl. 158—77.)



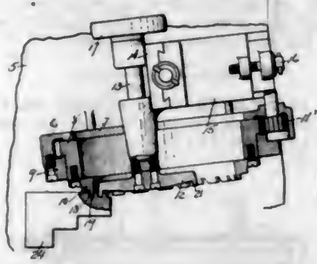
1. In a telescopically supported liquid fuel burner arranged so that it may be placed into active or inactive position by a telescoping movement, means for conducting a blast to the burner, means for conducting fuel to the burner, and means brought into operation by the telescopic movement of the burner from active to inactive position for interrupting both the flow of fuel and the blast comprising a valve actuated by the movement of the burner for interrupting the flow of fuel and an aperture through which the blast is admitted, adapted to be closed by the burner.

1,625,401. CYLINDER GAUGE. ROBERT J. O. SIMPSON, Athol, Mass., assignor to The L. S. Starrett Company, Athol, Mass., a Corporation of Massachusetts. Filed Mar. 8, 1923. Serial No. 623,653. 10 Claims. (Cl. 33—178.)



1. A cylinder gauge comprising a frame, a dial indicator having a pointer and yieldably mounted thereon for sliding movement relative thereto, a contact stud carried by said indicator and movable through said frame into contact with the cylinder wall, an intermediate member alined with said stud and slidable within the dial indicator, a spring interposed between said stud and the inner end of said member, a chuck mounted on the outer end of said member, a contact stem clamped within said chuck and adapted for contact with the cylinder wall at a point substantially diametrically opposite the point of said stud contact, and motion transmitting connections between said intermediate member and the pointer of the dial indicator for converting the reciprocation of said member into rotary motion applied to said pointer.

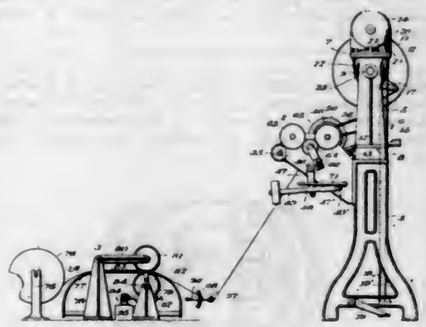
1,625,402. RACK-TOOTH-CUTTING MACHINE. HARRY E. SLOAN, Hartford, Conn. Filed Feb. 16, 1923. Serial No. 619,515. 17 Claims. (Cl. 90—3.)



4. A tooth cutting machine comprising a plurality of cutters each having a row of teeth arranged thereon in a circle and of a radius different from that of the teeth of another cutter, one of said rows of teeth being located within the circle formed by the teeth of another row.

17. A process of forming teeth upon an article that consists in forming the opposite side surfaces of a tooth on the arcs of circles having different centers, and then changing the position of one of said surfaces to form a circle of a different radius.

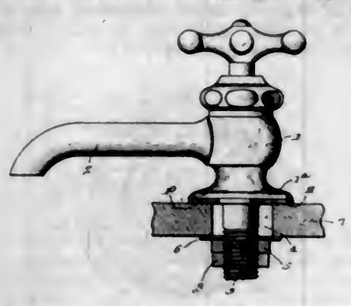
1,625,403. FLAP CUTTING AND MEASURING MACHINE. HORACE D. STEVENS, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Oct. 6, 1922. Serial No. 592,777. 28 Claims. (Cl. 164—49.)



1. Mechanism for forming tire flaps from strip material comprising, means for cutting the strip, means for measuring the strip before it is cut, and means for feeding the strip with a slack therein to the measuring means said feeding means being adapted to vary the speed at which the strip is fed in accordance with the degree of slack in said strip.

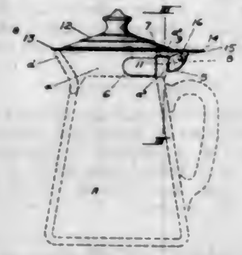
1,625,404. FAUCET. CHARLES N. WAGENSELLER, Decatur, Ill., assignor to Adolph Mueller, trustee, Decatur, Ill. Filed Oct. 27, 1924. Serial No. 746,074. 2 Claims. (Cl. 285—30.)

1. A faucet having a stem or shank, adapted to pass through an opening in a suitable support, a gasket surrounding the stem or shank, the aperture in the gasket being of greater area than the portion of the shank or stem extending therethrough, and means located at the periphery of the gasket permanently connecting the gasket to the face of the faucet body and preventing outward



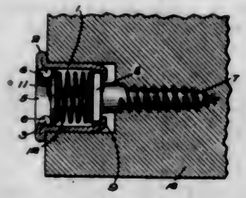
radial expansion of the gasket as it is compressed by securing the faucet in position on a support.

1,625,405. JUG COVER. WILLIAM H. WRIGHT, Pittsburgh, Pa. Filed June 26, 1924. Serial No. 722,505. 4 Claims. (Cl. 65—31.)



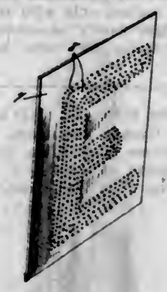
1. A cover for syrup jugs comprising a clip adapted to be secured to the jug, said clip having a curved inner elongated member, a strap extending rearwardly from the curved member and having laterally projecting spaced apart ears, a cover having an extension thereon over the ears, a lug on the extension projecting down between the ears, a pivot passing through the ears and the cover, said lug arranged to make contact with the strap and serving to limit the opening movement of the cover, beyond a point where it will be closed by gravity.

1,625,406. FASTENER. ANDREW G. ANDERSON, Wollaston, Mass., assignor to Carr Fastener Company, Cambridge, Mass. a Corporation of Maine. Filed Apr. 24, 1924. Serial No. 708,724. 12 Claims. (Cl. 24—211.)



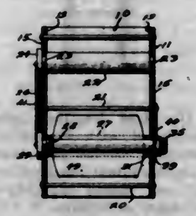
1. A fastener element including a casing having a cylindrical inner end portion presenting a plurality of edge seats and a plurality of attaching prongs and an attaching member having one end thereof seated against said edge seats and held in fixed relation with said casing by said prongs.

1,625,407. MEANS FOR DIFFUSING AND COLORING RAYS OF LIGHT. HERMAN M. BIE, Lima, Ohio. Filed Sept. 1, 1922. Serial No. 585,720. 1 Claim. (Cl. 40—131.)



A sign comprising a flexible sheet of material adapted to be placed in front of a light, portions of said material being pressed out to form convexed bulged portions assuming the form of letters or symbols, said convexed portions being provided throughout with a plurality of apertures arranged in close proximity to one another, the material immediately adjacent the outline of said letters being imperforate to strengthen the apertured portion of the material, and material filling said apertures for diffusing the rays of light passing therethrough.

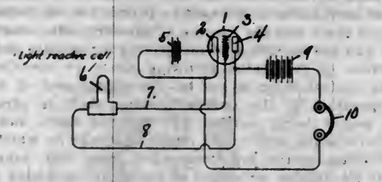
1,625,408. RAZOR-STROPPING DEVICE. VERNON L. CAPWELL, Clinton, Ind. Filed May 19, 1924. Serial No. 714,475. 1 Claim. (Cl. 51—63.)



A device of the character described comprising a casing, upper and lower parallel shafts journalled at their ends in said casing, said lower shaft being provided with an axial opening and a pair of diametrically opposite slots communicating therewith, a razor blade holder comprising a pair of sections adapted to be arranged against opposite sides of a blade, the axial opening in said lower shaft being adapted to slidably receive said holder with the outer portions of the blade projecting through said slots, said holder being provided with a portion of circular cross section projecting outwardly beyond said casing and provided with an annular groove, the ends of the holder sections projecting beyond the casing being pivotally connected to each other adjacent said groove, a latch pivoted at one end of said casing and having its opposite end normally arranged in said groove, a strop passed about said upper shaft and having its sides arranged parallel on opposite sides of said lower opening, and connections between said shafts for oscillating them simultaneously in opposite directions when said strop is operated.

1,625,409. LIGHT-REACTIVE APPARATUS. THEODORE WILLARD CASE, Auburn, N. Y., assignor to Case Research Laboratory Incorporated, Auburn, N. Y., a Corporation of New York. Filed Jan. 11, 1923. Serial No. 611,979. 2 Claims. (Cl. 250—27.)

1. A light reactive apparatus comprising a three electrode electron discharge device, a circuit connecting the filament and plate of said device, a circuit connecting the filament and grid of said device and containing a



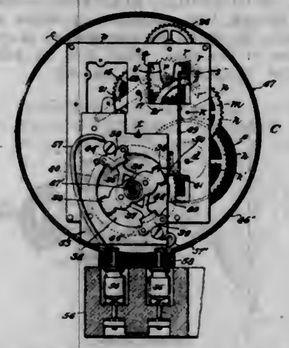
light reactive resistance, and a single source of potential common to both of said circuits and adapted to energize both of said circuits.

1,625,410. UNIVERSAL JOINT FOR SHAFTS. GEORGES HENRI ERNEST DE RAM, Boulogne-sur-Seine, France. Filed Mar. 5, 1923, Serial No. 623,000, and in France Mar. 23, 1922. Renewed Feb. 1, 1927. 4 Claims. (Cl. 64—91.)



1. A universal joint including in combination main and driven shafts, interengaging elements carried by the adjacent ends of said shafts, means confined by said elements for guiding the relative movement of said elements and shafts including a bearing member composed of a ring-like hub and arms slidably engaged with the elements, a spool shaped bearing member in which the ring-like hub is slidably arranged, and other bearing members extending from the inner surfaces of the elements and in alignment with the longitudinal axes of the corresponding shaft and engaged with said spool shaped bearing member.

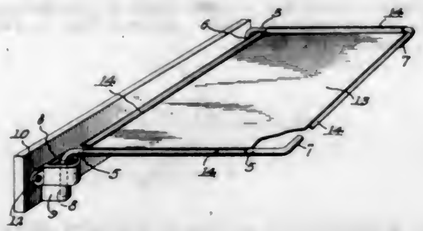
1,625,411. TIME-CONTROLLED ELECTRIC-SWITCH MECHANISM. LOUIS T. FENNING, Jackson, Ohio. Filed July 18, 1923. Serial No. 652,348. 16 Claims. (Cl. 200—40.)



8. In a time-controlled electric-switch mechanism, the combination of a rotary electric switch with means controlling the operation thereof, said means including a time-train; a switch-throwing shaft; a driving mechanism by which the shaft is turned to actuate the switch; a verge-wheel; a verge-wheel-carrying shaft driven by said mechanism; a rock-shaft; a verge that is mounted on the latter and arranged to cooperate with the verge-

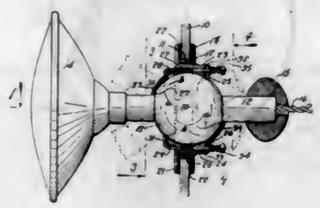
wheel; locking mechanism by which the oscillation of the rock-shaft is prevented; releasing mechanism which is controlled by the time-train and by means of which the locking mechanism is released to permit the oscillation of the rock-shaft and the turning of the verge-wheel-carrying shaft and the operation of the driving mechanism and the actuation of the switch-throwing shaft to operate the switch; interlocking means by the engagement of which the operation of the switch-throwing shaft is arrested, such means being carried by the rock-shaft and the switch-throwing shaft; and releasing means by which the interlocking means are disengaged from each other to permit the further actuation of the switch-throwing shaft by the driving mechanism and the further operation of the switch thereby through the last-named shaft.

1,625,412. ANTPROOF SHELF. FREDERICK W. FRENCH, Oakland, Calif. Filed Aug. 6, 1924. Serial No. 730,460. 1 Claim. (Cl. 211—27.)



In a device of the character described, bracket members having hollow portions, arms embodying lengths of wire material having right angled end portions, the right angled end portions extending in opposite directions, the right angled end portion at one of the respective ends of the arms being positioned in the hollow portions of the brackets, the opposite right angled ends extending in horizontal planes, a metallic shelf having side and end flanges, the side and end flanges adapted to rest over the arms and horizontal right angled ends of the arms to secure the arms against movement with respect to each other, said hollow brackets adapted to accommodate a fluid.

1,625,413. SPOT-LIGHT MOUNTING. ROBERT R. FREUND, Denver, Colo., assignor, by direct and mesne assignments, to Shot-Lite Corporation of America, a Corporation of Colorado. Filed Feb. 26, 1923. Serial No. 621,290. 7 Claims. (Cl. 240—61.)



1. The combination of an annulus adapted to be mounted within a suitably apertured support and provided with a pair of diametrically opposed-bearing seats that so protrude rearwardly, in offset relation to the rear face of said annulus, as to form wholly unobstructed annular clearance spaces between and at both sides of said bearing seats, a second annulus provided with a pair of diametrically opposed bearing seats that so protrude forwardly, in offset relation to the front face of said second annulus, as to form wholly unobstructed annular clearance spaces between and at both sides of said last mentioned bearing seats, which forwardly protruding seats are complemental to said rearwardly protruding seats, a ball wholly mounted by and in contact only with all of said bearing seats, a projector light fixedly associated with said ball, and means for adjustably connecting said annuli under resilient tension.

1,625,414. TOOL FOR CUTTING AND REMOVING PIPE FROM WELLS. GEORGE KAMMERER, Fullerton, Calif., assignor to Kammerer Corporation, Brea, Calif., a Corporation of California. Filed May 3, 1923. Serial No. 636,378. 14 Claims. (Cl. 81—189.)



5. A tool of the class described comprising a cutter blade, means connected with the cutter blade and engageable by a shoulder on the pipe that is to be cut to hold the cutter blade against longitudinal movement relative to the pipe, and means engaging the cutter blade and operating to turn said blade.

1,625,415. FLUORESCENT OIL AND PROCESS OF MAKING SAME. LEON LILIENFELD, Vienna, Austria. Filed July 23, 1924, Serial No. 727,810. Renewed Dec. 30, 1926. 16 Claims. (Cl. 196—40.)

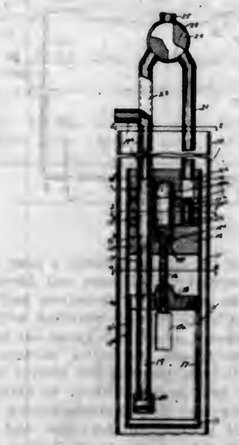
12. A process which comprises distilling, in vacuo, soft resinous material including polymerized coumarone, while carrying the temperature up to substantially above 240° C., and collecting the distillate.

15. The herein described new oils, being highly viscous oils exhibiting a blue fluorescence, being somewhat heavier than water, distilling in vacuo between about 180 and 300° C., being miscible in all proportions with liquid aromatic and aliphatic hydrocarbons, and consisting essentially of soluble aromatic hydrocarbons.

1,625,416. PLASTIC AND PROCESS OF MAKING SAME. LEON LILIENFELD, Vienna, Austria. Filed Jan. 9, 1926, Serial No. 80,357, and in Austria May 15, 1920. 15 Claims. (Cl. 106—40.)

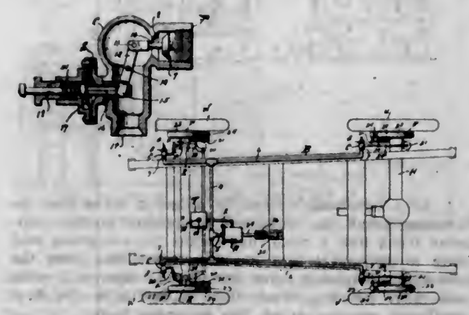
1. A process which comprises incorporating together (*a*) an oily product obtainable by treating an aromatic hydrocarbon material containing polymerizable material with sulfuric acid, removing the excess acid, distilling off the lower boiling products, distilling the residue in vacuo at above 150° C., such last distillate being the oily product in question, and (*b*) an ether of a carbohydrate of the empirical formula $n(C_6H_{10}O_5)$.

1,625,417. AIR PUMP. JAMES W. LOY, Long Beach, Calif., assignor of one-third to F. M. Fishback, Long Beach, Calif. Filed Oct. 23, 1923. Serial No. 670,248. 12 Claims. (Cl. 103—234.)



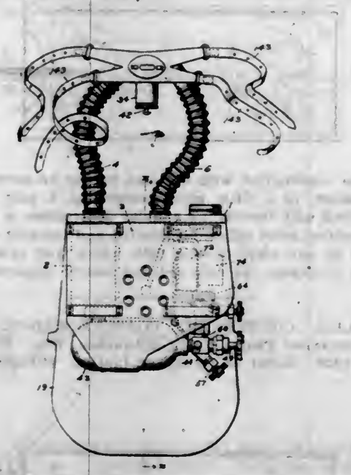
1. In a pump for a well casing in combination, a receiving member placed down in said well casing with valve controlled inlet port, a valve therein for controlling said port, cylinder and piston means therein for moving said valve to open and closed positions, an air supply pipe for supplying air to operate said piston and said valve, an air supply pipe for supplying air to said receiving member, a discharge pipe leading from said receiving member, a check valve therein to permit outflow therefrom, and an air-operated valve mechanism for controlling the admission of air under pressure from said air supply pipes to said cylinder and piston and to said receiving member.

1,625,418. HYDRAULIC BRAKE. CHARLES F. MATTINGLY, St. Louis, Mo., assignor to Mattingly Automatic Valve Co., St. Louis, Mo., a Corporation of Missouri. Filed Dec. 29, 1923. Serial No. 683,471. 1 Claim. (Cl. 188—152.)



In a fluid brake system, the combination of a set of brake cylinders and pistons, a master cylinder and a piston, connections leading from said master cylinder to said brake cylinders, a pressure valve interposed at each brake cylinder connection, means of maintaining said pressure valves in an open position, and means for automatically closing said valves upon reduction of the pressure below a predetermined degree in the master cylinder.

1,625,419. BREATHING APPARATUS. GEORGE S. MCCAA, Pittsburgh, Pa., assignor to Mine Safety Appliances Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Aug. 12, 1922. Serial No. 581,374. 4 Claims. (Cl. 128—191.)



1. In a breathing apparatus, the combination of a frame, a regenerator attached to the upper portion of the frame and having an air inlet at its top and an air outlet at its bottom, a cooler arranged in said frame adjacent to the regenerator and having a laterally projecting portion extending below the bottom of said regenerator, said projection being provided with an air inlet registering with said regenerator outlet, a screw extending through said projection and detachably connecting said regenerator and cooler to each other an air outlet at the top of said cooler, and automatic means for supplying oxygen to the cooler.

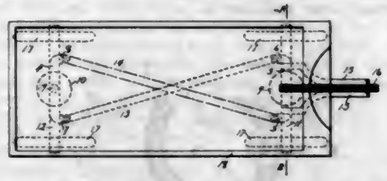
2. In a breathing apparatus, the combination of an air circulatory system, an oxygen bottle, means intermediate said bottle and system for automatically controlling the flow of oxygen at reduced pressure to said system, a manually operated main valve for controlling flow from the bottle to said flow-controlling means, a direct connection between said bottle and system by-passing said main valve and the entire flow-controlling means, and a manually-operated valve for controlling flow through said direct connection.

1,625,420. MOISTURE GUIDE FOR INCUBATORS. CHARLEY THOMAS PATTERSON, Springfield, Mo. Filed May 16, 1924. Serial No. 713,798. 3 Claims. (Cl. 73—24.)



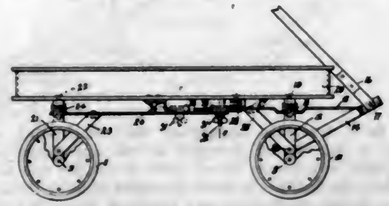
1. A moisture guide for use in incubators comprising a liquid container having upon it a guiding scale, the successive graduations of which are so spaced as to indicate the amount of evaporation that should occur from the container in correspondingly successive equal intervals of time to indicate the amount of evaporation that should take place as the incubation progresses.

1,625,421. COASTER-WAGON STEERING GEAR. FRANK ALEXANDER PEARL, Madison, Wis. Filed Feb. 26, 1923. Serial No. 621,469. 1 Claim. (Cl. 280—113.)



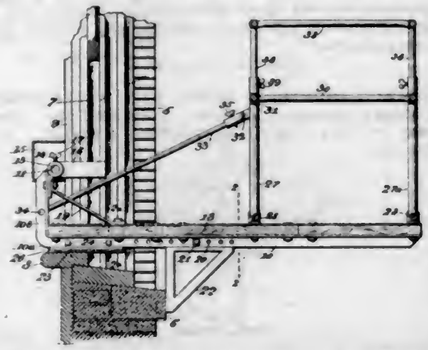
The combination with a wagon having an axle bed and a bolster, of a fifth wheel comprising a pair of discs provided with interfitting annular depressions, a plurality of angular arms oppositely located and integral with the sides of one plate of said fifth wheel, and ears on the discs to engage the axle bed and bolster respectively.

1,625,422. CONVERTIBLE COASTER WAGON. FRANK ALEXANDER PEARL, North Milwaukee, Wis. Filed Mar. 8, 1926. Serial No. 93,167. 2 Claims. (Cl. 280—87.5.)



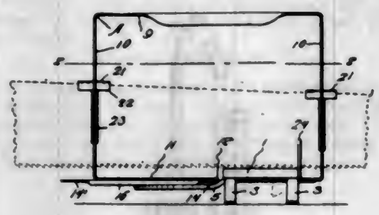
1. In a coaster wagon having a box and a pair of pivotally mounted axles, a rear reach connected to the rear axle, a front reach connected to the front axle and overlapping the rear reach, a connecting member slidably and pivotally mounted on one of said reaches and removably engageable with the other reach, and a fixed bar depending from said box and adapted for engagement with said connecting member.

1,625,423. WINDOW PLATFORM. JOHN F. PECKENPAUGH, Cedar Rapids, Iowa. Filed July 21, 1926. Serial No. 123,900. 4 Claims. (Cl. 304—24.)



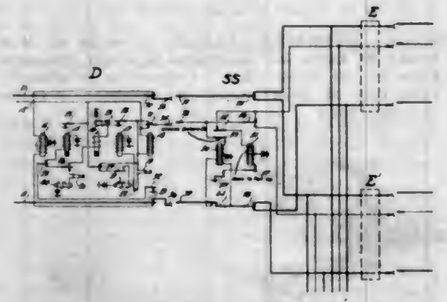
1. In a window-platform, the combination of a pair of sills, a connected flooring, uprights rising from the inner ends of the sills, a connecting tubular bearing, shafts carrying wall bearing blocks mounted adjustably in said tubular bearing, foot-blocks to rest on the window sill, and brackets secured adjustably to the sills beneath, the sills being pierced with series of bolt-holes, and the brackets being secured by said bolts.

1,625,424. MITER BOX. DOMINICK PELLETIER, Fall River, Mass. Filed Apr. 9, 1925. Serial No. 21,863. 2 Claims. (Cl. 143—89.)



1. In a structure of the class described, a base, a plate fixed to the under surface of the base and having portions adjacent its ends constructed therefrom and curved to form sleeves, said plate further provided with apertures adjacent said sleeves, an arcuate gauge bar having a series of notches throughout the major portion of its length and having its ends piercing the sleeves and the terminals of its ends bent perpendicularly to extend into the apertures, a rectangular shaped frame having its bottom longitudinal side pivoted adjacent one end of the base, an arm on said side of the frame having an end engageable with the notches of the gauged bar, the ends of said frame being slotted so that an ordinary hand saw may be reciprocated therethrough for cutting an article resting on the face at different desired angles.

1,625,425. TRUNK-SELECTING SWITCH FOR TELEPHONE SYSTEMS. CARL J. PRACHT, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed June 16, 1922. Serial No. 568,694. Renewed Sept. 23, 1926. 14 Claims. (Cl. 179—18.)



1. In a telephone system, an outgoing trunk line, an incoming trunk line connected therewith, another outgoing trunk line, a relay, and means for energizing said relay to disconnect said incoming trunk line from the first named outgoing trunk line and to connect it with said other outgoing trunk line responsive to the first mentioned outgoing trunk line becoming busy.

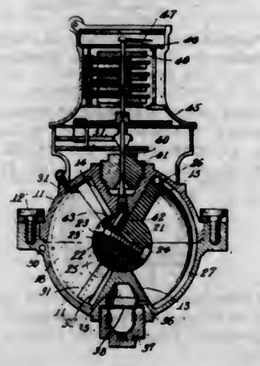
1,625,426. TARGET FOR X-RAY TUBES. HARVEY C. RENTSCHLER and JOHN W. MARDEN, East Orange, N. J., assignors to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Dec. 21, 1920. Serial No. 432,326. 10 Claims. (Cl. 250—34.)

1. In an X-ray tube, a target of coherent metal having an atomic weight between 230 and 240.

1,625,427. TARGET FOR X-RAY TUBES. HARVEY CLAYTON RENTSCHLER and JOHN WESLEY MARDEN, East Orange, N. J., assignors to Westinghouse Lamp Company, a Corporation of Pennsylvania. Original application filed Dec. 21, 1920, Serial No. 432,326. Divided and this application filed Nov. 17, 1922, Serial No. 601,649. Renewed Dec. 6, 1926. 8 Claims. (Cl. 250—35.)

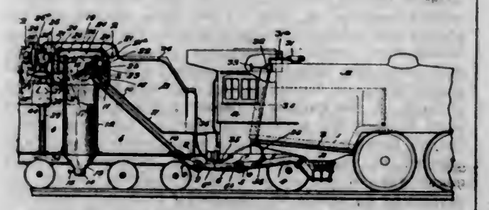
1. In an X-ray tube, a target of dense, coherent metallic uranium.

1,625,428. FLUID METER AND MOTOR. WALTER H. RICHARDS, New London, Conn. Filed Aug. 31, 1925. Serial No. 53,549. 6 Claims. (Cl. 73—98.)



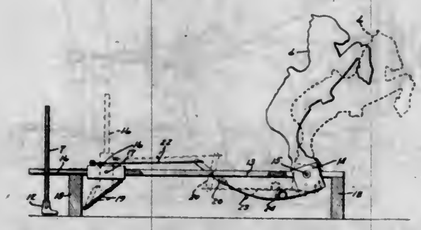
2. A motor comprising a casing having oppositely-disposed conical bearings, a partition at one side of the center line and extending to said bearings and having wedge-shaped enlargements adjacent thereto, a nutating disc mounted between said bearings and slotted to co-act with said partition and its enlargements and means for tilting said disc as the edges of its slot engage said enlargements.

1,625,429. RAILWAY-VEHICLE ASH OR OTHER WASTE TRANSFER METHOD AND APPARATUS. SAMUEL S. RIEGEL, Scranton, Pa., assignor, by mesne assignments, of one-half to John H. Allen, Jersey City, N. J. Filed Apr. 28, 1925. Serial No. 26,440. 7 Claims. (Cl. 122—27.)



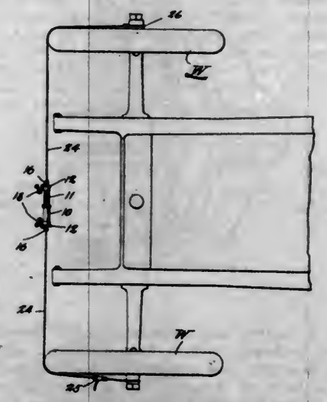
1. The method of transferring waste in vehicles, consisting in subjecting initially deposited waste comprising light weight and heavier constituents in partial confinement and exposure to the atmosphere, to the force of unbalanced gaseous fluid pressure and in thereby causing the initially deposited waste to flow to a place of temporary waste storage; in maintaining the flow of waste constituents, in partial confinement and out of contact with the atmosphere exterior to the path of flow, from the place of initial deposit to the place of temporary waste storage; in therein separating the light weight constituents from the heavy weight constituents; in causing the deposited light weight constituents and air from the place of temporary waste storage to pass through a liquid seal; in entraining the light weight constituents and air in a current of fluid and discharging the same quietly into the open air; and in temporarily confining the waste out of contact with the atmosphere surroundingly exterior to said place of temporary storage.

1,625,430. FIGURE PROJECTING TOY. ARTHUR ROBINSON, Minneapolis, Minn. Filed Mar. 8, 1926. Serial No. 93,051. 11 Claims. (Cl. 46—40.)



1. A toy comprising a relatively flat figure mounted in a vertical plane, a spring-actuated throwing member mounted for movement in said vertical plane, and a loose crotched figure adapted to be supported on said throwing member in a straddled position transversely of the movement thereof and thrown by said member toward the first noted figure, said loose figure when accurately thrown by said member being arranged to light on the first noted figure in a straddled position.

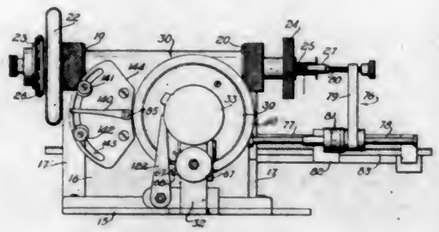
1,625,431. ALIGNMENT DEVICE FOR AUTOMOBILE WHEELS. WILLIAM S. ROSENFELD, Baltimore, Md. Filed Dec. 16, 1926. Serial No. 155,150. 3 Claims. (Cl. 33—203.)



1. In a device of the kind described, a pair of tubes each having an open end and a closed end provided with a centrally disposed opening, the open ends of said tubes being telescopically connected one within the other, a coil spring in said tubes urging them to expanded position, wires, each having an eye on one end and extending through the openings in the closed ends of said tubes and through the tubes, said wires having their other ends bent to lie against said closed ends at the ends opposite the

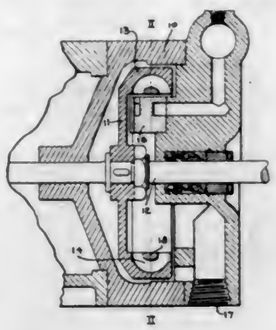
respective eyes, and flexible strands each having one end connected to one of the respective eyes and having its other end provided with means for attachment to an automobile wheel hub.

1,625,432. WINDING MECHANISM. JOHN WILLIAM SAGER, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 30, 1925. Serial No. 19,461. 8 Claims. (Cl. 242—158.)



3. In a material distributing mechanism, a material distributing means, a pair of gears, means to rotate the gears in opposite directions, and means including a cam and a double pawl ratchet mechanism carrying a roller engaging the cam and operating at predetermined intervals for operatively associating the gears alternately with and thereby moving the distributing means in opposite directions.

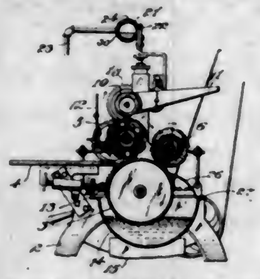
1,625,433. TURBINE-BLADE SHROUDING. HENRY F. SCHMIDT, Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 12, 1925. Serial No. 56,016. 9 Claims. (Cl. 253—93.)



1. In a turbine, the combination of a rotor having a series of U-shaped buckets formed therein and opening radially inwardly, and a shrouding for said buckets comprising a strip of material with a series of projections thereon fitting into the buckets and forming therewith a tubular U-shaped passage for the motive fluid.

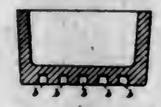
1,625,434. METHOD AND MACHINE FOR COATING LEATHER AND THE LIKE. JAMES T. SMITH, Newark, N. J. Filed Aug. 23, 1924. Serial No. 733,723. 7 Claims. (Cl. 91—27.)

2. In a machine of the character described, the combination with means for progressively supporting a piece of leather or the like and means for applying coating material to said leather or the like, of a rotatable hollow cylinder having longitudinal discharge means for feeding



the coating material to be applied, and means for turning said cylinder to start and atop discharge from it.

1,625,435. POT FOR GLASS-MELTING FURNACES. GERHARD STEIN, Neusornewitz, near Meissen, Germany. Filed June 24, 1926, Serial No. 118,256, and in Germany June 25, 1925. 3 Claims. (Cl. 49—60.)



2. Pot for glass-melting furnaces which consists in that the underside of the bottom is arranged with open grooves or passages running parallel from edge to the opposite edge of the pot.

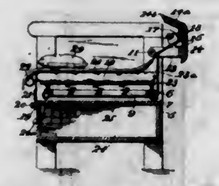
1,625,436. DISPLAY STAND. JULIEN STRANDERS, London, England, assignor to Harry B. Kruger, New York, N. Y. Filed Feb. 7, 1924. Serial No. 691,085. 1 Claim. (Cl. 211—24.)



A display device made of a single blank comprising a main display surface portion, two auxiliary display surface portions in front of the main display surface portion and substantially parallel with the main portion, intermediate connecting members substantially parallel with each other each hingedly connected with the central part of the main display portion and with the inner ends of each of the auxiliary display portions, leaving the outer ends of the auxiliary display portions free and a bracket member hinged to the main display portion and adapted to engage the connecting members at right angles thereto and to be held in position thereby for supporting an article on the bracket portion between the connecting members and in front of the main display portion and in back of the intermediate auxiliary display portions and between the intermediate connecting members, said bracket portion holding the connecting members and auxiliary display portions in the aforesaid display position.

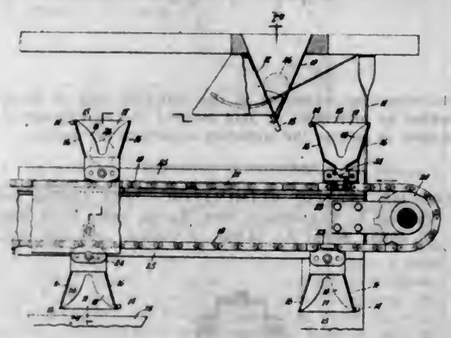
1,625,437. BED DAVENPORT. ERNEST A. VELDE, Cedar Rapids, Iowa. Filed Sept. 10, 1924. Serial No. 736,923. 9 Claims. (Cl. 5—12.)

1. A bed-davenport, comprising a pair of end-frames, a pair of side-bars connecting said frames, a cushioning bed or seat element, a headboard adapted to partially enclose the bedding, brackets connecting the headboard pivotally to the end frames, and a flexible sheet attached to said headboard, to enclose the rolled bedding, and held in place by a forwardly disposed portion of said headboard.



8. A bed davenport comprising a main frame, a seat element mounted thereon, and a flap and a sectional flap comprising a lower vertical part extending behind the seat lengthwise of the back, and an upper part hinged to the vertical part and adapted to fold forwardly, the two parts adapted to protect the seat at and near the back side.

1,625,438. SORTING MACHINE. EDWARD VOSBURGH, Passaic, N. J. Filed May 6, 1925. Serial No. 28,373. 8 Claims. (Cl. 209—89.)

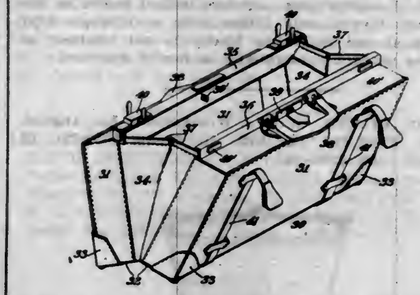


1. In a sorting machine the combination with an endless conveyor, of supporting tracks therefor, clamping jaws on said conveyor, said jaws comprising fixed and movable jaw members, means tending to close each pair of jaws, a projection on each movable jaw member extending to adjacent said supporting tracks, and means carried on said tracks for cooperation with said projections for opening said jaws in receiving, and for releasing said jaws in discharging, an object at the desired point of travel of the conveyor.

3. In a sorting machine, an endless conveyor having receptacles thereon for the articles to be graded, means for discharging said articles from said conveyor at spaced points in the conveyor travel according to one dimension of the articles, a plurality of second conveyors, means for supplying articles to the second conveyors from the first, and means for discharging said articles at spaced points in the travel of said second conveyors according to a second dimension of said articles.

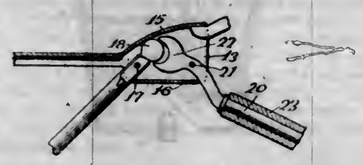
1,625,439. ARTICLE OF LUGGAGE. OSSIP JOSEPH WALINSKY, Sea Gate, N. Y., assignor to White Luggage Co. Inc., New York, N. Y., a Corporation of New York. Filed Feb. 19, 1926. Serial No. 89,290. 1 Claim. (Cl. 190—41.)

In a device of the character described, the combination of two similarly shaped oppositely disposed sections, a flexible bottom formed as a part of the sections, frame members secured to opposite top edges of said sections, toggle members connecting opposite corners of said frame members, substantially V-shaped flexible members connecting the ends of opposite sections and extending from the bottom to the top thereof and secured to said



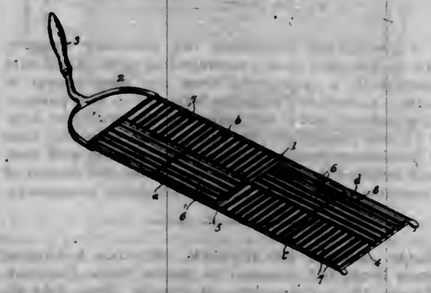
toggle members, said toggle members being foldable within said frame members to cause said V-shaped flexible members to fold centrally upon the closing of said device.

1,625,440. MARCELING IRON. CLAUDE E. WAGNER and BERT G. HOFER, Los Angeles, Calif. Filed Dec. 9, 1925. Serial No. 74,274. 3 Claims. (Cl. 132—32.)



1. A marceling iron comprising two clamping members, one member being rod-like in form and the other being in the form of an inverted channel disposed over the rodlike clamping member, a handle rigid with the inverted channel shaped clamping member, and a second handle disposed beneath the first handle and pivotally connected thereto, said rodlike clamping member being pivotally connected to the inverted channel shaped clamping member and being operatively connected to the second handle, so that when the second handle is moved downwardly from beneath the first handle, the rodlike clamping member will be swung downwardly from beneath the inverted channel shaped clamping member.

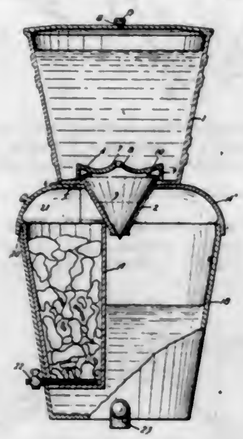
1,625,441. CHEESE-CUTTING DEVICE. FREDERICK THOMAS WHITMARSH, Blandford, England. Filed Oct. 15, 1926, Serial No. 141,804, and in Great Britain Oct. 20, 1925. 4 Claims. (Cl. 31—48.)



1. A curd knife for use in cheese making and for manipulation by hand comprising a lower cutting part adapted to be slidably drawn through the curd and an upper handle forming a fixed extension of said cutting

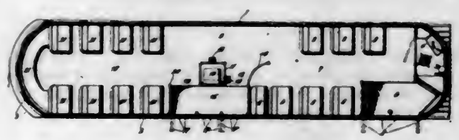
part, characterized in that the cutting part is constructed with a thin central longitudinal division which itself forms a cutting member, and with transverse blades on one side of said division and longitudinal blades on the other side thereof, said blades being so arranged that longitudinal and transverse blades do not intersect or cross one another, substantially as herein described.

1,625,442. FILTER. GUIDO J. WIGGENHORN, Los Angeles, Calif. Filed Oct. 12, 1922. Serial No. 593,972. 12 Claims. (Cl. 210—103.)



1. In a filter comprising a receiving reservoir and a main receptacle separated therefrom, a renewable porous unit adapted to be interposed between said reservoir and said receptacle, said unit comprising a germicidal agent incorporated in a synthetic composition and surrounded by a pervious jacket adapting the same to be inserted in its entirety.

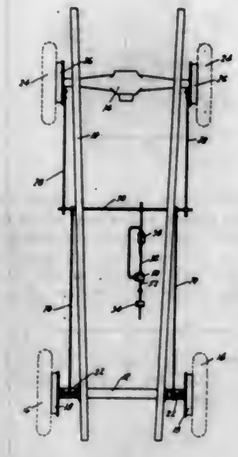
1,625,443. PASSENGER CAR. HERMAN ALBIN, St. Louis, Mo. Filed Apr. 21, 1926. Serial No. 103,439. 4 Claims. (Cl. 105—341.)



1. A conveyance comprising two passenger compartments, an entrance door communicating with one of said compartments, a passageway from one compartment to the other, a conductor's station adjacent to said passageway, a fare box under the control of the conductor adjacent to said passageway, an exit passage accessible from said first-named compartment without passing said first-named passageway, and a fare box under the control of the conductor adjacent to said second-named passageway.

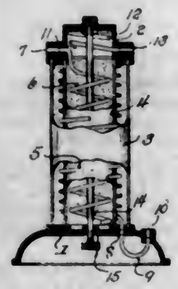
1,625,444. BRAKE MECHANISM. WILLIAM J. ANDRES, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed July 25, 1925. Serial No. 46,039. 14 Claims. (Cl. 188—156.)

1. A vehicle having, in combination, brakes, a power device, a brake-controlling member, and connections from said member to the brakes including a controller for said device constructed and arranged to be operated by movement of said member in one direction to cause the power device to apply the brakes in an amount determined by



the extent of movement of the controller and to be operated by movement of said member in the opposite direction to reverse the operation of said power device.

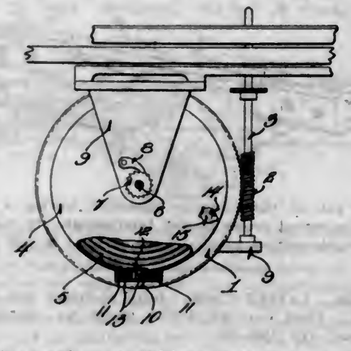
1,625,445. STATIC ELIMINATOR. JOHN ASTROM and VERNON L. TANNEHILL, Fort Wayne, Ind. Filed Mar. 16, 1925. Serial No. 15,865. 3 Claims. (Cl. 250—20.)



1. A static eliminator comprising an inner vertical cylinder and an outer concentric vertical cylinder, end members closing the ends of said cylinders, an inner helix located within the inner cylinder, a liquid conductor partially filling said inner cylinder, a second helix located above said liquid conductor, a third helix surrounding said inner cylinder and enclosed by said outer cylinder, and a liquid conductor carried within said outer cylinder.

1,625,446. PHONOGRAPH. STEPHAN BALDYZAR, Racine, Wis. Filed Mar. 4, 1926. Serial No. 92,224. 2 Claims. (Cl. 185—45.)

1. In a spring motor, the combination of a casing surrounding the spring, a winding shaft attached to one end of the spring, said casing having a slot therethrough, and having stops adjacent such slot, an auxiliary casing slidably mounted upon the outer side of said first mentioned casing and attached to the outer end of the spring, and



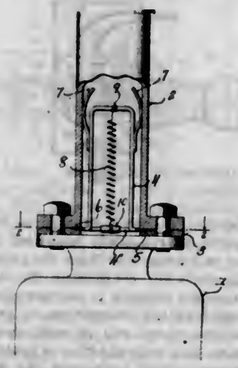
cushioning members carried by said auxiliary casing and abutting said stops.

1,625,447. EXERCISER. THEODORE S. BENICE, Los Angeles, Calif. Filed Jan. 19, 1926. Serial No. 82,228. 5 Claims. (Cl. 272—79.)



1. An exerciser comprising in combination, a frame, a shaft rotatably mounted therein, a clamping means to secure the shaft to the frame to hold same stationary, a drum rotatable on the shaft, a tension spring secured between the drum and the shaft, a rope connected to the drum and wound thereon, a handle on the rope, a pawl and ratchet device connected to the shaft and disconnected from the frame or other stationary structure, said pawl and ratchet device being operable to rotate the shaft relative to the drum on unclamping the shaft to vary the tension of the spring.

1,625,448. MANIFOLD ELECTRIC HEATER. WILLIAM BESSER, Wauwatosa, Wis. Filed Jan. 21, 1926. Serial No. 82,727. 2 Claims. (Cl. 219—38.)



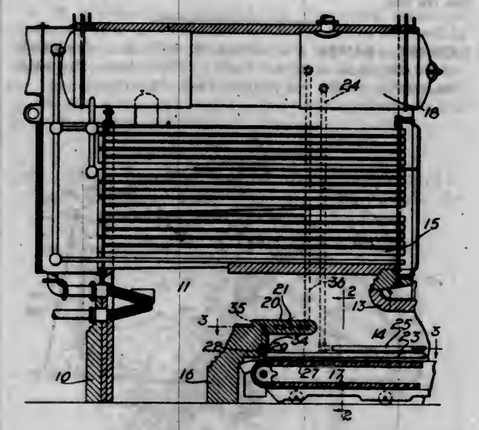
1. A heating element for the intake manifold of an internal combustion engine comprising a rectangular relatively rigid wire frame having outwardly projecting spring arms adapted to contact with the interior of the manifold, an insulating sleeve carried by one portion of said frame, a heating element having one end secured to said insulating sleeve and having its other end grounded upon said frame at a portion spaced from said sleeve, said element having an outwardly extending part projecting from said sleeve, and an insulated member surrounding said outwardly projecting portion and preventing contact thereof with said manifold.

1,625,449. METHOD OF MOLDING PHENOL PLASTIC OR LIKE COMPOUNDS. HARRY EARLE BOHN and RAYMOND HOMER FAUQUIER, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 5, 1921. Serial No. 489,984. 7 Claims. (Cl. 18—55.)



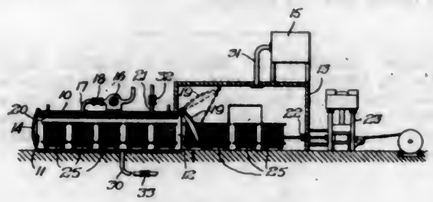
1. The method of molding phenolic condensation products into articles with a delicate or fragile insert or connection, which consists in partially treating some of the product to provide a support for the insert or connection, placing the insert or connection on the support, and then molding an additional product with the previously partially treated product to enclose the insert or connection and to complete the molding of the article into a homogeneous mass.

1,625,450. FURNACE. CHARLES BOLLINGER, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 13, 1925. Serial No. 15,212. 3 Claims. (Cl. 122—292.)



1. In a steam boiler furnace having side walls, a grate, a bridge wall extending between the side walls of the furnace and adjacent one end of the grate, a baffle wall, and a sinuous chamber adapted to hold a cooling medium mounted in depressions formed in the bridge and side walls adjacent the top surface of the grate and also extended to and embedded within the baffle walls, the inlet and outlet ends of said chamber connected to a supply source of the cooling medium.

1,625,451. METHOD OF AND APPARATUS FOR DRYING AND STORING MATERIAL. ALFRED BRUCE BROWN, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 26, 1923. Serial No. 653,838. 18 Claims. (Cl. 34—46.)



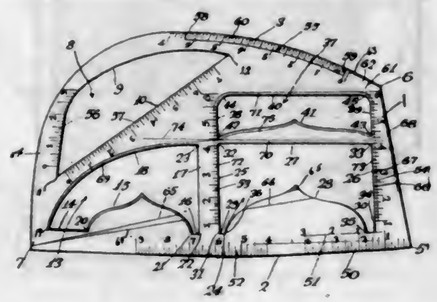
1. The method of drying material, consisting in depositing the material in an enclosure, circulating air of predetermined moisture content through the enclosure and in contact with the material therein, producing a vacuum in said enclosure and then introducing previously dried air into the enclosure to re-establish atmospheric pressure therein.

1,625,452. ESCAPE TRICK DEVICE. THEODORE P. BRUNNER, Los Angeles, Calif. Filed Nov. 24, 1925. Serial No. 71,150. 4 Claims. (Cl. 273—158.)



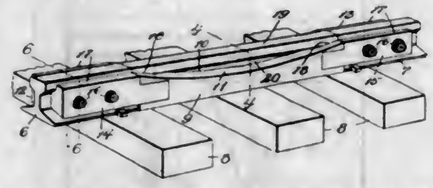
1. An escape trick device comprising a tie bar, a plurality of equally sized rings, flexible tie means connecting one of the rings to the tie bar, and flexible tie means connecting each successive ring through its adjacent ring to the tie bar.

1,625,453. PANTS AND POCKET RULER. CRESCENZO CAPUANO, Los Angeles, Calif. Filed Mar. 22, 1926. Serial No. 96,559. 8 Claims. (Cl. 33—11.)



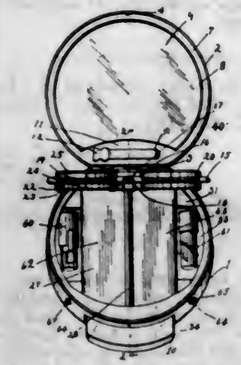
1. A rule having a body structure with a straight edge at one end, a convex curve at the other end, convex curved sides, the curve of one of the sides being merged into the curve at the end, said side having a sharper curve than the other side, the body structure having a plurality of cut-out sections, some of said sections having a reverse curve suitable to form a stencil to mark pocket flaps.

1,625,454. RAIL FOR LOCOMOTIVE STALLS. THOMAS CARDWELL, Sedalia, Mo. Filed Jan. 9, 1924. Serial No. 685,183. 15 Claims. (Cl. 238—122.)



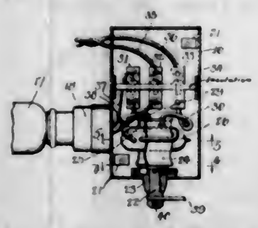
9. A rail of the character described having a longitudinally curved recess formed intermediate its ends and a removable section adapted to be received in said recess.

1,625,455. VANITY CASE. JOHN S. CORRY, San Pedro, Calif. Filed Oct. 27, 1925. Serial No. 65,126. 11 Claims. (Cl. 132—83.)



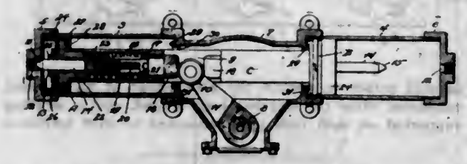
1. A vanity case comprising a box-like structure formed of a base with a lid hinged thereto, a diaphragm hingedly connected to the base having compact holders mounted therein, a false bottom below the diaphragm and a slidable tray in the false bottom.

1,625,456. SWITCH. PAUL K. CRAMBLET, Beloit, Wis. Filed Aug. 11, 1924. Serial No. 731,283. 3 Claims. (Cl. 200—54.)



1. In combination, a casing adapted to be secured to a closet door frame, a rock shaft journaled in said casing and having one end projecting from the casing, a mercury switch on said shaft for controlling the flow of current to a lamp, and means adapted to be controlled by the door for actuating said switch comprising an arm of substantial length on the outer end of said shaft and spring means tending to hold said shaft in a position such as to cause the mercury switch to permit the flow of current and also acting to hold said arm projecting beyond the plane of the forward side of the door frame for engagement and operation by the door as the latter approaches its closed position.

1,625,457. AIR ENGINE. JOSEPH M. DAPRON, St. Louis, Mo., assignor to National Pneumatic Company, New York, N. Y., a Corporation of West Virginia. Filed Apr. 21, 1924. Serial No. 707,875. 3 Claims. (Cl. 121—44.)

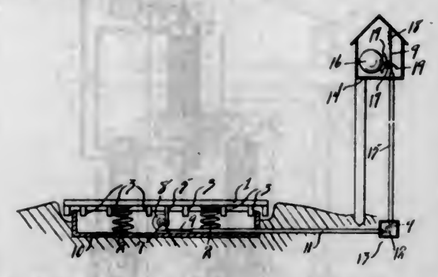


1. In an air engine in combination, two alined cylinders; a central housing connecting said cylinders; a pair of pistons mounted one in each of said cylinders; a piston-rod connecting said pistons; two cylinder-heads, one mounted on the outer end of each of said cylinders, and each having a central port; a restricted longitudinal bore in each end of said piston-rod; a thimble seated in the inner end of each of said bores; a crank journaled in said housing having a roller thereon, said roller projecting between said thimbles; a sleeve mounted in each of said bores and yieldingly and slidably mounted within one of said thimbles; and a valve-stem yieldingly mounted in each of said sleeves, each valve stem being adapted to seat in the port on the cylinder head of the cylinder in which it moves before the completion of the stroke of the piston on which it is mounted.

1,625,458. CARROTING FUR AND ART OF TREATING THE SAME. PHILIP C. DONNER, Summit, N. J. Filed Apr. 28, 1925. Serial No. 26,542. 9 Claims. (Cl. 8—21.)

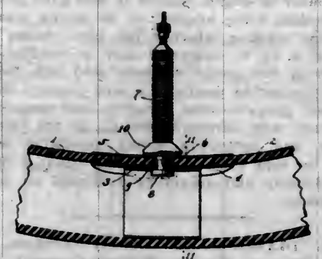
1. The herein described art of preparing fur which consists in treating fur fibers with a liquid mixture of nitric acid and tannic acid, the liquid mixture being diluted with water.

1,625,459. RAILWAY-CROSSING SIGNAL. JOHN H. ESTES and WILLIAM P. WILLIAMS, Fort Worth, Tex. Filed Nov. 13, 1926. Serial No. 148,220. 2 Claims. (Cl. 116—67.)



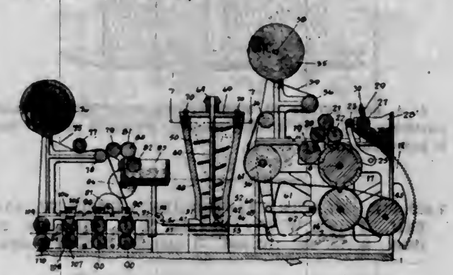
2. Warning signal apparatus comprising means embedded in a highway near a railway crossing comprising an open-top box-like structure, a depressible board mounted above said structure with its ends projecting beyond said box structure and springs supporting said board normally slightly above said box structure, slabs attached to said board and resting on the highway to form approaches to said board, a signaling apparatus, a spool and a pinion rigid with each other and provided with a shaft journaled in said box, a rack attached to said board and adapted to engage said pinion for actuating the same, a cable operatively connected to said signaling apparatus and extending within said box structure and attached to said spool, and means normally holding said cable taut but resilient to permit the operation of said cable by said rack and pinion.

1,625,460. PNEUMATIC TUBE. WALTER L. FAIRCHILD, New York, N. Y. Filed June 28, 1921. Serial No. 481,059. 2 Claims. (Cl. 152—13.)



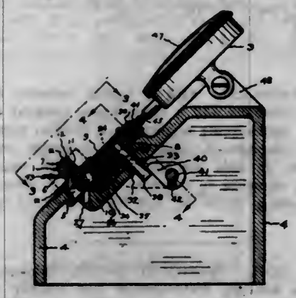
1. An inner tube for pneumatic vehicle tires having a combined joint and valve structure comprising, a ring of rubber located within the tube and overlapping the joint, a strip of rubberized material overlapping said ring and joint, and a valve piercing the ring, the strip and the tube, the said ring, strip and joint being vulcanized into a substantially homogeneous condition.

1,625,461. DISPENSING MACHINE. ADINO F. FILES, Maumee, Ohio. Filed Oct. 19, 1925. Serial No. 63,535. 7 Claims. (Cl. 93—6.)



1. In a dispensing machine for dispensing separated quantities of a substance in containers, means for feeding two sheets of a material, means for forming outlines of cementitious material on one end of said sheets, means for depositing the substance on the other of the said sheets and means for securing the sheets together along the cementitious outlines.

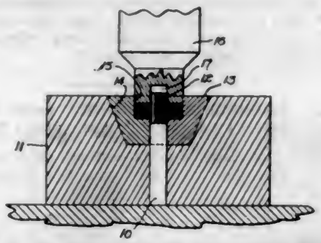
1,625,462. DIMENSION GAUGE. HAROLD FRAUENTHAL, Cleveland, Ohio. Filed Sept. 24, 1926. Serial No. 137,491. 6 Claims. (Cl. 33—147.)



1. In a gauge particularly adapted for the accurate measurement of internal dimensions, in combination, a base support, a fixed gauge member carried by said support, a slide movable on said support toward and away

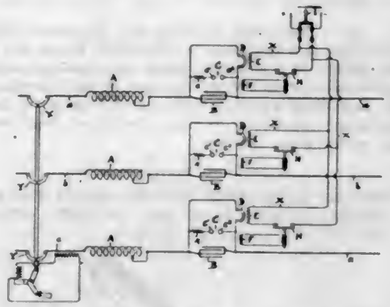
from said fixed gauge member, a second gauge member carried by said slide, means exerting substantially uniform pressure and arranged to maintain said second gauge member in spaced relation to said fixed gauge member, said slide being adapted to be moved toward said fixed gauge member whereby the piece whose internal dimension is to be measured may be readily disposed externally of said gauge members, said slide being positioned in measuring position by said pressure exerted on said second gauge member, whereby said gauge members will contact with internal portions of the piece to be measured, and indicating means associated with and actuated by said slide, whereby said internal dimension will be directly and accurately indicated on said indicating means.

1,625,463. DIAMOND LAP. ERNEST GAUTHIER, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 29, 1922. Serial No. 609,645. 4 Claims. (Cl. 51—206.)



1. A new article of manufacture comprising diamond particles and finely divided metallic particles molded into a homogeneous aggregate.

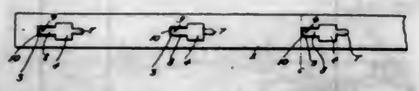
1,625,464. ELECTRICAL-CURRENT-LIMITING SYSTEM. FRAZER W. GAY, Newark, N. J. Filed Apr. 22, 1926. Serial No. 103,890. 6 Claims. (Cl. 175—294.)



1. The combination with a power delivery circuit of a reactance element and a capacitance element connected in series in said circuit to provide a normal substantially neutralized impedance, and means excited by sudden current rises in said circuit operating to short circuit one of said elements to thereby bring into effect the full current limiting value of the other element remaining in circuit.

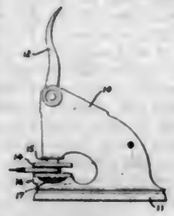
1,625,465. COIL. MARTIN B. GROUT, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 3, 1925. Serial No. 20,325. 8 Claims. (Cl. 175—359.)

1. A device of the character described including a tube provided with an orifice, a terminal secured to said tube by means of a plurality of integrally formed depending legs imbedded in said tube and having a free end extending into said orifice, said free end adapted to be flexed



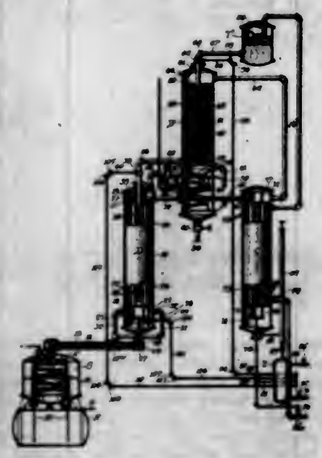
in said orifice to permit the attachment of an external conductor after the coil has been wound, and a winding supported on said tube and connected to said terminal.

1,625,466. SEAL AND MEANS FOR MAKING THE SAME. SAMUEL A. HAMNETT, Los Angeles, Calif. Filed Apr. 20, 1926. Serial No. 24,456. 6 Claims. (Cl. 18—1.)



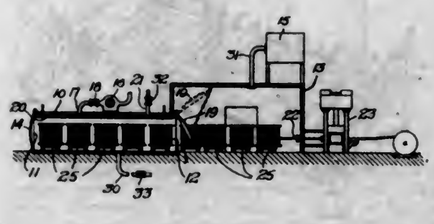
1. In combination with a seal having a base, means to hold a disc upon said base, said means comprising a flexible band adapted to engage said disc and means to alter the size of said band and to hold the band in adjusted position.

1,625,467. APPARATUS FOR DISTILLING HYDROCARBONS UNDER PRESSURE AND A CATALYZING AGENT. FRANCIS M. HESS, Whiting, Ind. Filed Sept. 29, 1922. Serial No. 591,215. 6 Claims. (Cl. 196—54.)



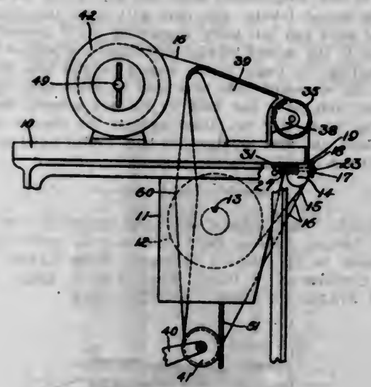
1. In a cracking system of hydrocarbon distillation, the combination of a still, a primary dephlegamator, a vapor conduit leading from said still to said primary dephlegmator, a secondary dephlegmator, a vapor conduit leading from said primary dephlegmator to said secondary dephlegmator, and means for introducing a catalyzing agent into the presence of the vapor in said secondary dephlegmator.

1,625,468. METHOD OF AND APPARATUS FOR DRYING AND STORING DRIED MATERIAL PREPARATORY TO PROCESSING. WILLIAM FULLER HOSFORD, Oak Park, Ill., assignor to Western Electric Company, Incorporated, a Corporation of New York. Filed July 26, 1923. Serial No. 653,845. 12 Claims. (Cl. 34—46.)



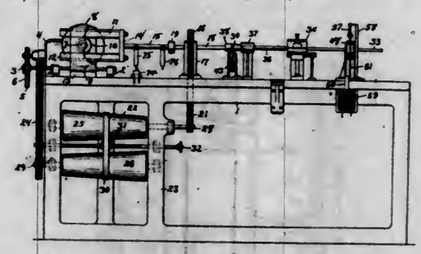
1. The method of preparing material for processing, consisting in drying the material in one enclosure, transferring the dried material to a storage enclosure, and maintaining the material independent of atmospheric humidity conditions continuously throughout the drying, transferring and storage thereof.

1,625,469. TAPE OR RIBBON WORKING MACHINE. WILLIAM FULLER HOSFORD, Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 21, 1923. Serial No. 682,126. 2 Claims. (Cl. 242—55.)



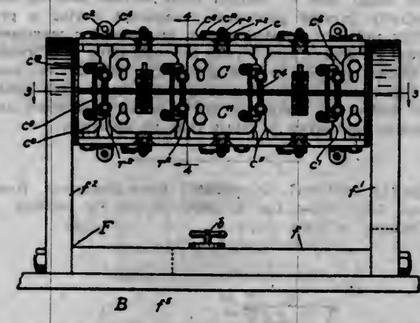
2. In a machine for working metallic ribbons, a supply source, a take-up device, a work table having a surface to contact with a ribbon, said ribbon being reversed between the supply and take-up device, driving means for the take-up device whereby the ribbon is withdrawn from the supply source and passes twice over the table each time moving in the same direction and at the same speed and in contact with the surface of the table, and brake devices engaging different sections of the ribbon for applying tension thereto.

1,625,470. PAPER-TUBE-MAKING MACHINE. ROBERT J. JAUCH, Fort Wayne, Ind. Filed July 6, 1925. Serial No. 41,561. 22 Claims. (Cl. 93—80.)



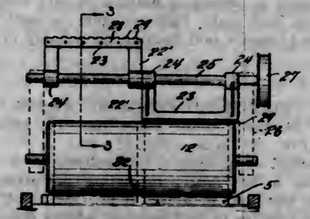
10. In a paper tube making machine, a unitary mandrel having simultaneous rotary and longitudinal movement on its forward stroke and longitudinal movement only on its backward stroke and being operable to wind thereon paper strips in coiled formation to form a tube thereon.

1,625,471. TUBE IRONING AND GRIPPING DEVICE. ROBERT J. JAUCH, Fort Wayne, Ind. Filed Apr. 28, 1926. Serial No. 105,130. 12 Claims. (Cl. 93—80.)



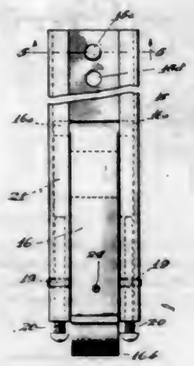
1. In a device for ironing and gripping a tube formed on a mandrel, means for producing relative reciprocation of said device and mandrel, a plurality of rolls with roughened surfaces mounted in said device and adapted to ride on different surfaces of said tube while it is in position on said mandrel, means for permitting said rolls to rotate freely by contact with the tube surfaces, and means for preventing their counter-rotation on the tube stripping stroke.

1,625,472. PULP-WEB CUTTER. WILLIAM A. KELLY, Green Bay, Wis., assignor of one-half to Frank J. Tinmerman, Green Bay, Wis. Filed Mar. 8, 1926. Serial No. 93,137. 5 Claims. (Cl. 92—38.)



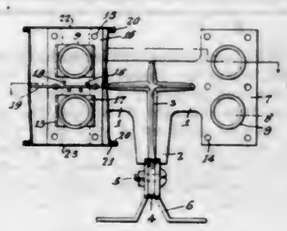
1. The combination with a pulp web carrier, of a cutter device, comprising opposed means for perforating the web revoluble about an axis transversely of, and adjacent to, the plane of movement of the carrier.

1,625,473. RADIATOR HANGER. WALTER F. KNOX, Chicago, Ill. Filed Apr. 21, 1923. Serial No. 633,602. 34 Claims. (Cl. 248—17.)



2. In a radiator hanger, the combination of a formed sheet metal base of channel cross section forming substantially parallel guideways, a bracket having a projecting radiator supporting arm mounted for movement in said guideways, and devices for supporting said bracket in desired position in said guideways, said devices comprising a screw extending longitudinally in each guideway, and a nut carried by the base for each screw and engaging said screw to retain it in its guideway.

1,625,474. SIGNAL LANTERN. PAUL KOROKNAY, Houston, Tex. Filed Apr. 9, 1926. Serial No. 100,836. 4 Claims. (Cl. 40—132.)

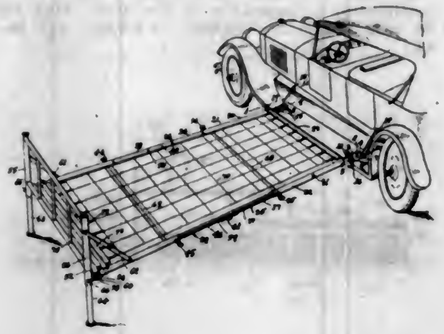


1. A signal lantern comprising a back plate, a reinforcing rib thereon, an extension on said plate, an arm on said extension, said arm being integral with the rib on said plate, an attaching bracket on said arm, housing supports on said plate, light housings on said supports, and means to secure said housings detachably to said supports.

1,625,475. FIRE-FLAME-COLORING MEANS. JOHN A. LAHEY, Sewaren, N. J. Filed Mar. 12, 1925. Serial No. 15,138. 1 Claim. (Cl. 52—23.)

The method of making a composition to be employed in coloring a fire flame, consisting in mixing soluble salts in a quantity of water to provide a salt solution, immersing asbestos in said solution, adding insoluble salts to the mixture to produce a comparatively thick mass, draining the excess solution from the mass, and allowing the latter to dry so as to incorporate the salts in the fibers or constituents of the asbestos.

1,625,476. COLLAPSIBLE CAMP BED. MADS M. LARSEN, Colton, Calif. Filed Mar. 24, 1924. Serial No. 701,454. 4 Claims. (Cl. 5—119.)



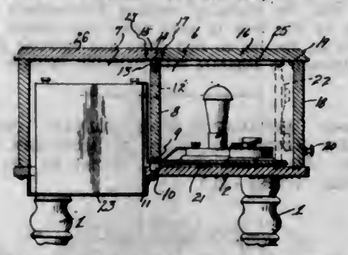
1. A collapsible camp bed comprising clamps adapted to rigidly engage the running board of a vehicle, tubular side bars rigidly connected together and hingedly connected to the clamps, extension side bars mounted in the tubular side bars and having longitudinally extending grooves and transverse bolt holes in line with the grooves, studs extending outwardly from the tubular side bars near their attached ends, wing nuts screw-seated upon the studs, braces pivotally connected to the clamps and having bolt holes through the swinging ends to removably engage upon the studs, set screws mounted through the outer sides of the tubular side bars near their swinging ends so that the tips of the set screws operate in the grooves and in the bolt holes, second extension side bars substantially like the first extension side bars, downwardly folding hinges connecting corresponding extension side bars, second tubular side bars rigidly connected together and slidingly mounted upon the second extension side bars, said second extension side bars having longitudinal slots and bolt holes, set screws in the second tubular side bars with their tips operating in the slots and bolt holes, supporting posts hingedly connected to the second tubular side bars, and jointed braces connecting the posts to the second tubular side bars, so that the extension side bars may be telescoped into the tubular side bars and held by the set screws, the supporting posts may be folded against the second tubular side bars, the first tubular side bars folded upwardly and the braces attached to the studs.

1,625,477. ELECTRIC-CORD ANCHORAGE. WILLIAM P. LEAHY, Canton, Ohio, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed Aug. 5, 1922. Serial No. 579,973. 1 Claim. (Cl. 173—251.)



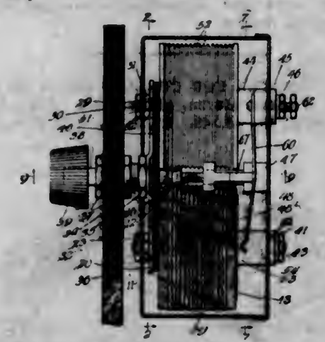
In an electrically operated tool having a handle, an electric conductor leading to the tool, a conductor anchorage secured to the handle, the anchorage comprising a member secured relative to the handle, a conductor protector spring member connected at one end to the member which is secured relative to the handle and constructed to serve either as a compression or tension spring, the conductor being secured to the protector spring member only adjacent the free end of the spring member and free to slide through the other end of the spring member in both directions.

1,625,478. CABINET FOR RADIO RECEIVING SETS. MARVIN C. LINDEMANN, Holland, Mich., assignor to Bay View Furniture Company, Holland, Mich., a Corporation of Michigan. Filed Feb. 21, 1924. Serial No. 694,189. 2 Claims. (Cl. 45—52.)



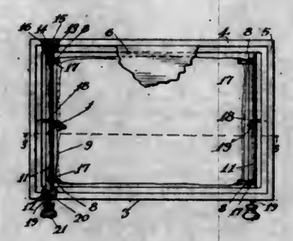
1. A cabinet for radio receiving sets comprising a rectangular casing having a compartment at each end extending transversely of the casing, a series of legs supporting the casing, a removable panel extending longitudinally of the casing between the end compartments and dividing the central portion of the casing into a forward and a rear compartment, the casing being provided with a groove in the bottom in which the lower edge of the panel is adapted to seat, the rear compartment in the center of the casing being closed by the removable panel and being adapted to contain a portion of a radio receiving set, the cabinet being provided with hinged portions in the top over the forward and rear central compartments, the side of the cabinet for the forward compartment being hinged to the hinged top portion for the said compartment and folded over the rear top portion of the cabinet, the forward compartment enclosed by the hinged top and side portions being adapted to contain the remainder of the radio receiving set and the panel being provided with notches in the lower edge through which the wiring between the portions of the radio receiving set may extend, and a spring catch mounted in the upper edge of the panel and adapted to engage in the stationary portion of the top.

1,625,479. RHEOSTAT. ALFRED F. C. LOTZ, Chicago, Ill., assignor to Electrical Engineers Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 26, 1925. Serial No. 18,522. 7 Claims. (Cl. 201—59.)



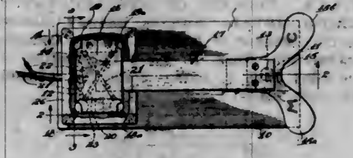
1. In a device of the class described, the combination of an insulating cylinder, a unitary conducting cylinder of substantially the same length as said insulating cylinder, a pair of parallel resistance conductors, wound upon said cylinders, each of said cylinders being adapted for receiving substantially the entire windable portions of said conductors and said conducting cylinder providing a single variable connection between the conductors, circuit connections for the conductors, and means for turning the cylinders to transfer the conductors from one cylinder to the other.

1,625,480. BAG HOLDER. CLARENCE C. LUDY, Venice, Calif. Filed Dec. 23, 1925. Serial No. 77,231. 9 Claims. (Cl. 83—26.)



1. A bag holder comprising in combination a supporting structure, a plurality of partially rotatable shafts mounted therein, means on said shafts adapted to engage the upper edge of a bag and hold same suspended, means comprising a catch device to restrain the shafts from rotation, the mounting for said shafts allowing slight longitudinal movement, such movement releasing the catch device, whereby the shafts may be partially rotated to release the bag.

1,625,481. FOOT SWITCH. HECTOR P. MACLAGAN, Chicago, Ill., assignor to McIntosh Electrical Corporation, Chicago, Ill., a Corporation of Delaware. Filed May 25, 1923. Serial No. 641,379. 4 Claims. (Cl. 200—6.)

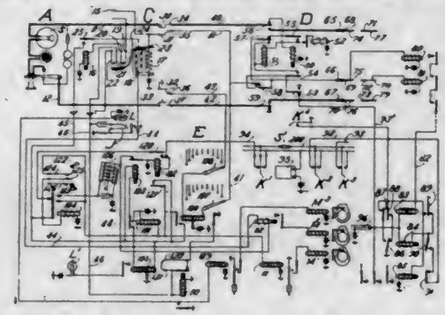


1. In a foot switch, the combination of an elongated base of insulating material, a pivotal support carried by each end of said base, the pivot portions of said supports being in alignment with each other, a treadle mounted for oscillation on one of said supports, a plate mounted for oscillation on the other of said supports, metal contact bars carried by said plate, insulated contacts carried by the base for engagement by said bars when said plate is oscillated, and a bar of insulating material rigidly connecting said treadle and said plate, the separation of said treadle and said plate being such as to prevent leakage of high tension current from said contact bars to said treadle.

1,625,482. AUTOMATIC TELEPHONE SYSTEM. TALBOT G. MARTIN, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Original application filed Mar. 15, 1921, Serial No. 452,468, now Patent No. 1,539,132, dated May 26, 1925. Divided and this application filed Apr. 6, 1925. Serial No. 20,885. 20 Claims. (Cl. 179—18.)

1. In a telephone system, subscribers' lines, trunk lines, groups of primary line switches and a group of rotary secondary line switches for extending calling lines to idle trunk lines, there being a secondary trunk line extending from each primary group to one of said secondary line switches, chain relays associated with said first named trunk lines, each relay being energized when the associated trunk becomes busy, a relay normally deenergized,

means controlled by said chain relays when all the associated trunks become busy for causing said normally de-energized relay to energize, and means controlled by the

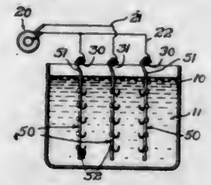


energization of said relay for making all of said secondary trunk lines busy, said means including circuits extending through contacts on relays in each of the secondary line switches.

1,625,483. CASEIN GLUE. ALFRED CARL MARWIN, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 24, 1922. Serial No. 570,731. 4 Claims. (Cl. 87—17.)

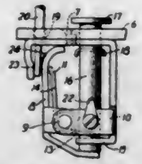
2. A casein glue composition consisting of about 25 per cent casein, alkaline earth hydroxide about 3⅛ per cent, caustic alkali about 2⅛ per cent, water soluble alkaline salt of an alkali about 2⅝ per cent, and water.

1,625,484. PROCESS OF AND APPARATUS FOR CLEANING METAL. SUMNER REDWAY MASON, Wilmette, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 7, 1923. Serial No. 643,867. 15 Claims. (Cl. 204—1.)



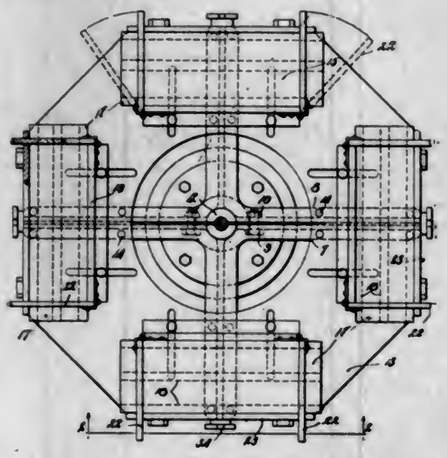
4. A process of cleaning a metal part, which consists in subjecting it to alternating current in an electrolyte of a solution of ferric chloride and hydrochloric acid to remove scale and rust therefrom, and thereafter as an anode to direct current in a sulphuric acid solution to remove foreign matter.

1,625,485. TERMINAL FOR ELECTRIC CONDUCTORS. OSWALD H. MAURER, Flushing, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 29, 1926. Serial No. 105,385. 4 Claims. (Cl. 173—259.)



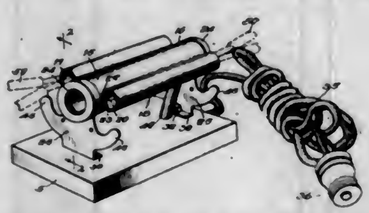
1. In combination with an apparatus mounting panel, a terminal for electric conductors, said terminal comprising a stationary conducting member and a movable member, said members having oppositely disposed clamping surfaces, means for pivotally mounting said movable member upon said stationary member, a spring for normally holding said clamping surfaces in engagement, means for mounting said terminal upon the back of said panel with the clamping surfaces substantially perpendicular to the face of said panel and means passing through an opening in said panel and operable from the front thereof to separate said clamping surfaces.

1,625,486. APPARATUS FOR MOLDING CEMENTITIOUS MATERIAL. JOHN P. MCKNIGHT, Revere, Mass. Filed June 2, 1925. Serial No. 34,325. 6 Claims. (Cl. 25—41.)



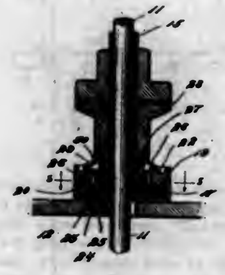
1. Apparatus for molding cementitious material comprising a supporting member, a shaft carried by said base member, supporting means mounted on the shaft and rotatable about the axis thereof, the supporting means carrying at spaced intervals a series of molding forms adapted to contain cementitious material and a cover for any one of said molds carried by a support mounted on said shaft above said supporting means and rotatable about the axis thereof.

1,625,487. HEATER FOR CURLING IRONS AND THE LIKE. WILLIAM MEYER, Chicago, Ill. Filed July 22, 1925. Serial No. 45,148. 6 Claims. (Cl. 219—22.)



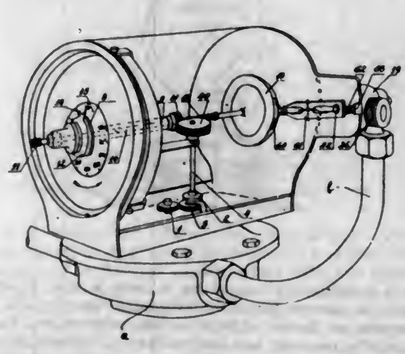
1. In a heating device of the class described, the combination of a main heating compartment for receiving and heating a device to be heated, an auxiliary heating compartment communicating with said main compartment for receiving the device and maintaining the heated condition thereof, and a single heater for both of said compartments, said heater being disposed in the main heating compartment and heating said main compartment to a higher temperature than said auxiliary compartment so that the temperature of the device may be maintained in the auxiliary compartment without overheating the device.

1,625,488. OILER FOR SPINNING MACHINES. JOHN R. MILSON, Mansfield, Mass., assignor of one-fourth to Charles E. Milson, Providence, R. I. Filed Jan. 2, 1926. Serial No. 78,858. 6 Claims. (Cl. 308—169.)



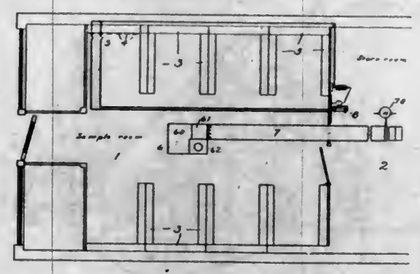
4. In a spinning machine, the combination with the spindle and package carrying tube and its driving whirl, of an oiling device for the tube and spindle comprising an oil reservoir carried by the lift rail of the machine, an oil pad supplied with oil from the reservoir in contact with the spindle, a lid member on the reservoir having an oil measuring recess in its face and having oil and air holes communicating with the reservoir below said lid having a whirl supporting portion, the lower flange of said whirl projecting downwardly into said oil measuring recess and spaced from the bottom wall thereof whereby the rapid rotation thereof creates a downwardly directed air pressure through said holes to assist in directing the oil upwardly through said pad and tube.

1,625,489. LIQUID METER. ALFRED MONARD, Paris, France, assignor to Societe l'Aster, Paris, France. Filed July 12, 1923, Serial No. 651,144, and in France Mar. 29, 1923. 2 Claims. (Cl. 221—101.)



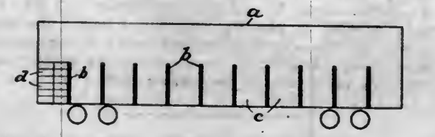
1. In a liquid meter, a valve including a stem adapted to be manually actuated to open the valve, a slide coacting with the valve stem to lock the latter in open position, a rotatable cam, a member on said slide adapted to be engaged and operated by said cam whereby to release the slide, said member being displaceable laterally to a position out of the path of the cam, a member mounted on said slide actuated by the valve stem during the closing movement of the latter and operating to displace the first mentioned membed out of the path of the cam, and means normally tending to return the first mentioned member to cam engaging position.

1,625,490. SELF-SERVING-STORE EQUIPMENT. ROGER T. MORRIS, Seattle, Wash. Filed June 29, 1925. Serial No. 40,234. 1 Claim. (Cl. 186—1.)



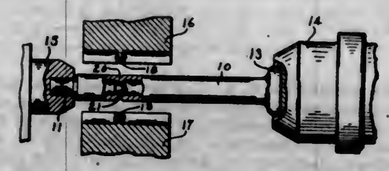
A retail merchandising equipment comprising adjacent sample displaying and goods storage rooms, a combined delivering and payment station located in the sample room, an automatic goods conveyor connecting the storage room with the delivery station in the sample room, and separate signaling means associated with each sample whereby the purchaser may himself indicate to the sample room the particular articles desired.

1,625,491. TRANSPORTABLE DYNAMITE MAGAZINE. GEORGE M. NORMAN, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 29, 1925. Serial No. 59,376. 8 Claims. (Cl. 105—369.)



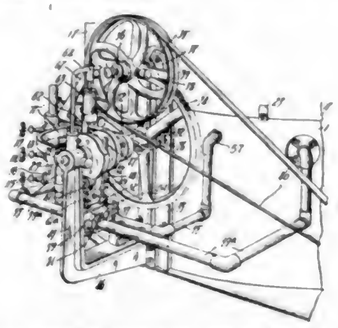
3. The method of shipping dynamite, comprising dividing the floor space of a freight car into compartments of predetermined area, packing the dynamite in relatively weak containers whose two dimensions are fractional parts of the compartments and stacking the containers in the compartments to completely cover the floor of each loaded compartment and thereby prevent shifting of the containers.

1,625,492. METHOD OF MAKING TIRE-VALVE CASINGS. ERASTUS G. OAKLEY, Southport, Conn., assignor to Bridgeport Brass Company, Bridgeport, Conn. Filed July 3, 1924. Serial No. 724,084. 9 Claims. (Cl. 29—157.)



1. The process of making a valve casing or the like, which comprises displacing inwardly the wall of a tubular blank to form an interior shoulder in the tube bore, and simultaneously forming a head upon one end of the blank and closing the groove formed by the displacement of the wall.

1,625,493. CAN CLEANING AND DRYING APPARATUS. JOSEPH O'CONNELL and HAROLD HAMILTON KERR, Kensington, Victoria, Australia. Filed Mar. 25, 1925, Serial No. 18,116, and in Australia Sept. 27, 1924. 13 Claims. (Cl. 141—7.)

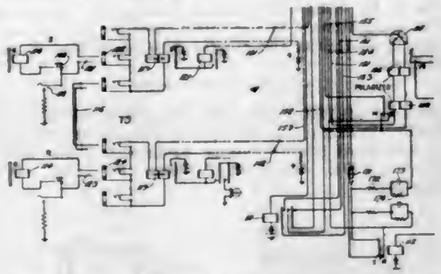


1. A can cleaning apparatus, comprising a cylindrical tank, a rotary grid-like can support above the tank, means for injecting a cleaning liquid into and onto the cans, said liquid being thereafter collected in the tank, means to impart a rotary movement of the liquid in the tank, and a stationary skimmer, against which the rotating liquid moves, arranged to guide the liquid toward the periphery of the tank.

1,625,494. PROCESS OF PICKLING RIPE OLIVES. HOLGER DE FINE OLIVARIUS, San Francisco, Calif., assignor to California Packing Corporation, San Francisco, Calif., a Corporation of New York. Filed Jan. 27, 1926. Serial No. 84,158. 7 Claims. (Cl. 99—1.)

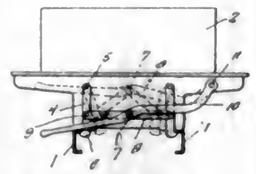
2. A process of pickling ripe olives which includes treating the olives with a cutting agent in conjunction with a solvent adapted to render the olives readily susceptible to the action of the cutting agent.

1,625,495. TELEGRAPH SYSTEM. HENRY W. O'NEILL, Elmhurst, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 8, 1925. Serial No. 48,949. 31 Claims. (Cl. 178—51.)



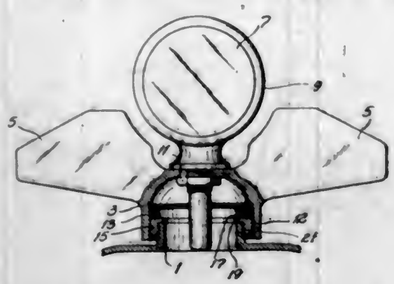
1. The combination in a telegraph system of a transmission line, means for simultaneously impressing on said line a plurality of alternating currents of different frequencies, means under control of message signals for correspondingly changing the character of said alternating currents, receiving devices for said changed currents each comprising a contact set, and a vibratory circuit controlling member for engaging said contact set, said member being adapted when in vibration to exert continuously one condition of circuit control over said contact set and to exert continuously when at rest another condition of circuit control to give rise to direct current message impulses corresponding to said message signals.

1,625,496. DUMP-BODY VEHICLE. CLARENCE E. PACKARD, Abilene, Kans. Filed Mar. 10, 1926. Serial No. 93,657. 1 Claim. (Cl. 298—38.)



In a dump body vehicle, and in combination, chassis bars in parallelism and channel formed in vertical section, a dump body hingedly connected with said chassis bars, and means for detachably connecting the forward portion of the body to said chassis bars; said means comprising transversely swingable latch bars pivotally connected to the forward portion of the body and having outwardly directed hooks to engage the upper flanges of the chassis bars, links pivotally connected together and pivotally connected to said latch bars intermediate their ends, and a transverse vertically swingable lever pivotally connected at one end to the front portion of the body above the pivots of the links with the latch bars and pivotally connected at an intermediate point in its length to the pivotal connection between the links, the distance between the pivots of the lever being such as to allow the pivotal connection between the links to be disposed below the connection of the links with the latch bars when the latch bars are engaged with the flanges of the chassis bars.

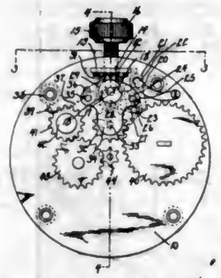
1,625,497. RADIATOR CAP. HARVEY S. PARDEE, Ravinia, Ill., assignor to Belle Evans Pardee, Ravinia, Ill. Filed May 10, 1926. Serial No. 107,934. 7 Claims. (Cl. 220—24.)



6. A radiator cap comprising a body, a stop threaded thereto, means for positively holding the stop in any one of an infinite number of its threaded positions, an adapter threaded to the body and non-resiliently abutting the stop ring, and means for fastening the adapter to a radiator neck.

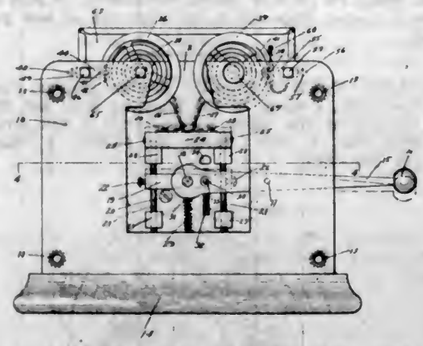
1,625,498. STEM-WINDING AND STEM-SETTING WATCH. WILSON E. PORTER, New Haven, Conn., assignor to New Haven Clock Co., New Haven, Conn. Filed Nov. 15, 1924. Serial No. 750,085. 1 Claim. (Cl. 58—72.)

In a stem-winding and stem-setting watch of the type in which the stem is pulled out for setting, the combination with the front and back movement-plates thereof, of winding-and-setting trains, a longitudinally-movable and rotatable winding-and-setting stem, a primary winding-and-setting wheel through which the said stem passes and which is turned in either direction thereby, a pivotal yoke-shifter located between said plates and directly connected with the said stem, a pivotal yoke located adjacent to but not bearing upon the front face of the front movement-plate and connected with the said yoke-shifter for movement thereby, a shouldered stud upon which the said yoke pivots, an intermediate winding-and-setting



wheel interposed between the said yoke and the front face of the front-movement plate and turning upon the said stud, a secondary winding-and-setting wheel also interposed between the said yoke and the front face of the front movement-plate and swung, with the yoke, into engagement with a member of the said setting-train when the winding-and-setting stem is pulled outward, and a pin carried by the yoke, mounting the wheel last mentioned.

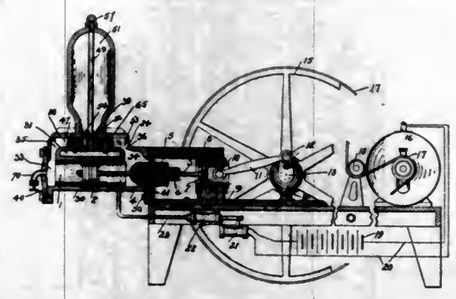
1,625,499. TIMING DEVICE FOR THE BALANCE-WHEEL UNITS OF CLOCK AND WATCH MOVEMENTS. WILSON E. PORTER, New Haven, Conn., assignor to The New Haven Clock Co., New Haven, Conn., a Corporation. Filed Sept. 22, 1926. Serial No. 136,976. 6 Claims. (Cl. 73—56.)



1. A device for timing the balance-wheel units of time-pieces, having means for mounting a master balance-wheel unit and a trial balance-wheel unit, and means for directly engaging with the edges of the rims of the balance-wheels of such units for simultaneously starting the two units in oscillation in opposite directions whereby one balance-wheel is given a clockwise impulse and the other an anti-clockwise impulse, the said means comprising yielding impulse-fingers, the edges of which co-act with the edges of the balance-wheel rims.

1,625,500. PUMP. MARTIN JOSEPH QUINN, Toronto, Ontario, Canada. Filed Nov. 21, 1923. Serial No. 676,168. 2 Claims. (Cl. 103—125.)

1. A pump comprising a cylinder, a piston within the cylinder, a single valve chest over-lying the cylinder, valved suction ports and valved discharge ports, arranged side by side in said chest, a partition separating the valved suction ports from the valved discharge ports and shutting off communication between them through said chest, an intake header below and communicating through the valved suction ports with the suction side of said partition, fluid-ways communicating with the suction side of said partition and through the valved discharge



ports with the discharge side of the valve chest, the discharge side of said chest having an outlet above the level of the discharge valves in combination with a single cover for the valve chest enclosing the valved suction and discharge ports, and rendering both sets of ports and their valves simultaneously accessible when the cover is removed.

1,625,501. TRAVELING CONVEYER. WILLIAM H. ROBERTSON, Dayton, Ohio. Filed Feb. 15, 1924. Serial No. 692,999. 59 Claims. (Cl. 104—88.)

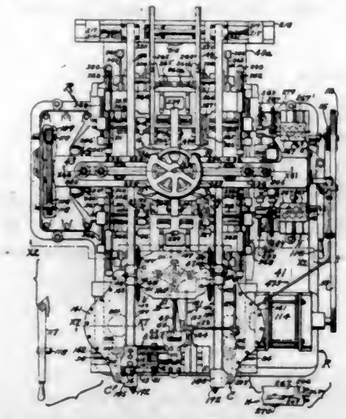


1. In an automatic conveyer system, a plurality of independent traveling carriers, a circuitous track system including main line track and sidings, alternating sets of guide means engageable with the main line track and sidings respectively, the transfer from main line to siding track and vice versa being effected by operatively engaging one set of guide means and retracting the other, means for automatically transferring carriers from the main line track to a siding at a predetermined transfer point by alternation of the guide means including track located trip means located in differently spaced relation transversely to the path of travel and transversely adjustable selective mechanism located upon each carrier and adjustable transversely of the path of travel for engagement with the trip mechanism at any one of a plurality of transfer points throughout the system whereby the selective mechanism will idly pass certain trip means and be operatively engaged with only the trip mechanism for which it has been previously adjusted.

1,625,502. AUTOMATIC PAN-MAKING MACHINE. WILLIAM JOHN ROEPKE, Los Angeles, Calif., assignor, by mesne assignments, to Roepke Pan Machine Corporation, Wilmington, Del., a Corporation of Delaware. Filed Apr. 22, 1926. Serial No. 103,930. 96 Claims. (Cl. 153—17.)

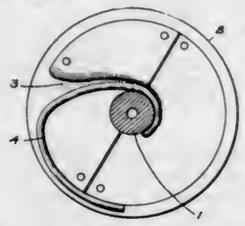
1. A pan making machine comprising in combination, an abutment and a form spaced apart to form an open space adapted to admit a blank edgewise between the form and said abutment; folders surrounding and co-

operating with the form to form a pan folding mechanism; blank placing mechanism adapted and arranged to move a blank edgewise into folding position in said space; means to reciprocate the form toward and from the abut-



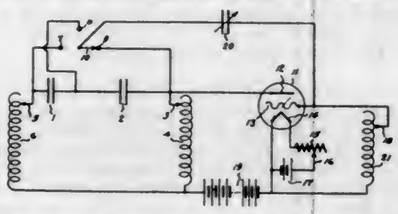
ment to clamp and release the blank; and means to operate the folders to and from the form to fold the clamped blank onto the form to form a pan, and finally to withdraw the folders from the form to release the pan.

1,625,503. CABLE REEL. CLAUDE O. SCHOOLEY, Perth Amboy, N. J., assignor to Standard Underground Cable Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 8, 1925. Serial No. 61,195. 3 Claims. (Cl. 242—77.)



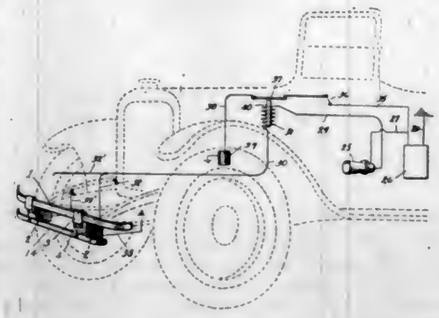
1. A reel for an electric cable including a cylindrical drum and a circular end flange, said end flange being provided on its inner face with a groove extending spirally from and in a curvature continuous with the curvature of the drum, such groove extending to the periphery of the flange.

1,625,504. CONVERTER OF ELECTRIC CURRENT. FREDERICK GRANT SIMPSON, Seattle, Wash. Filed July 6, 1926. Serial No. 120,696. 10 Claims. (Cl. 250—36.)



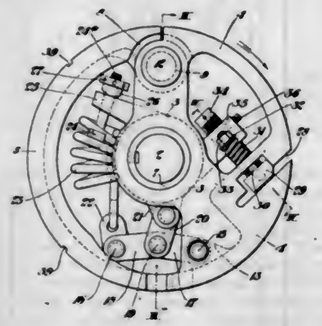
1. The method of creating an alternating electric current, in an oscillatory circuit, which consists in directly supplying increments of energy, to said oscillatory circuit, in the form of unidirectional pulsations of electric current; said pulsations being resident in a part of said oscillatory circuit, but having a source external to said circuit; successive pulses, of said pulsations, being uniformly in the same direction and said pulsations being delivered to said oscillatory circuit at substantially twice the frequency of said alternating current.

1,625,505. COLLISION-SIGNAL SWITCH. OSCAR C. STUMP and EARL R. STUMP, Seattle, Wash. Filed Feb. 21, 1925. Serial No. 10,748. 2 Claims. (Cl. 200—52.)



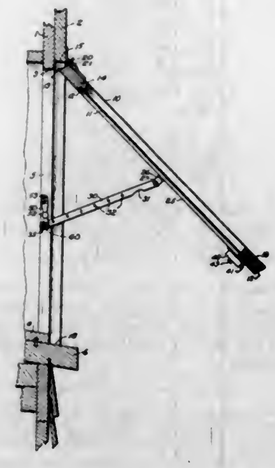
1. In a motor vehicle, in combination, a fixed bumper bar, a housing fixed to the said bumper bar, an electric switch mechanism contained in said housing and comprising a switching member that is movable between "off" and "on" positions, a push rod slidably mounted in said housing with its inner end disposed in position to engage with the said switching member to move it from "off" to "on" position, and having its outer end extended from the housing forwardly of the fixed bumper, yieldable means for resisting inward movement of the push rod and a bumper supported by the outer end of said push rod.

1,625,506. TAKE-UP BLOCK. EDWARD THOMAS, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey, a Corporation of New Jersey. Filed Mar. 9, 1926. Serial No. 93,386. 5 Claims. (Cl. 242—78.)



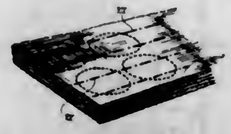
5. A take-up or drawing block comprising a shaft, a hub secured to said shaft, a drum portion formed in two parts, one of the parts of said drum being freely mounted on said shaft, the other of said drum parts being hinged at one end to said first mentioned drum part, and having its other end connected by a series of toggle levers with said hub and said first mentioned drum part, a spring connected to one of said toggle levers and said hub and adapted to normally urge said levers into collapsed position, said toggle levers being adapted to be forced into extended position to expand said drum parts into operative position against the tension of said spring when said shaft and hub are rotated, and a material receiving slot and gripping means in said first mentioned drum part, and means operable by said hub for operating said gripping means.

1,625,507. CLOSURE FASTENER. HENRY E. THOMPSON, Newark, N. J. Filed Jan. 29, 1925. Serial No. 5,577. 3 Claims. (Cl. 292—266.)



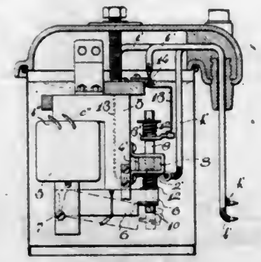
1. In a device of the character described the combination of a casing surrounding an opening; a closure for said opening, provided with a frame pivoted to said casing; a spacing bar provided with a cam surface pivoted to said frame; a bracket adapted to receive and guide said spacing bar; means to secure said bracket to said casing including a fulcrum around which said bar and cam surface are adapted to turn to tighten said closure; and means for securing said spacing bar in a locked position.

1,625,508. LAMINATED PACKING AND METHOD OF FORMING THE SAME. ROBERT HARRY THORNE, Williamsport, Pa. Filed Dec. 30, 1921. Serial No. 525,822. 1 Claim. (Cl. 154—2.)



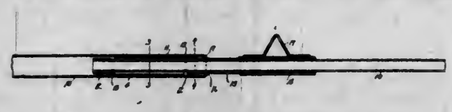
A method of forming laminated packing which consists in utilizing fabric layers having distinguishingly colored threads constituting visible means indicating the run of the threads thereof, superimposing the layers with alternate layers of unvulcanized rubber and with the run of the threads of each of the several layers as shown by said indicating means is at an angle to those of the several other layers to avoid unravelling and unequal stretching, compressing the layers together under heavy pressure, die-pressing the compressed layers to the required form and then vulcanizing and subsequently trimming the vulcanized packing.

1,625,509. ELECTROMAGNETIC SWITCH. NOBUFUMI TOGAMI, Saga, Japan. Filed Apr. 27, 1923. Serial No. 635,118. 1 Claim. (Cl. 200—87.)



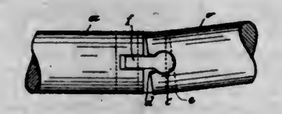
A circuit controller including a casing, an electro-magnet suspended in the casing and embodying a yoke, an armature pivoted to swing vertically with respect to the lower end of the yoke, an insulation bar secured transversely of the yoke and provided adjacent the respective ends with openings, substantially U-shaped hooks straddled about the ends of the bar and having their side portions provided with openings aligning with the openings in the bar and constituting fixed contacts, a terminal clamp continuing from one side portion of each hook, rods slidable vertically through the aligning openings in the bar and hooks and loosely pivoted at their lower ends to the armature, and slidable and yieldingly mounted contact on the rods adjacent the upper and lower ends thereof for alternately contacting with the upper and lower portions of the hooks which constitute the fixed contacts, substantially as and for the purposes set forth.

1,625,510. TELESCOPIC FISHING ROD. CHARLES A. TREDWELL, New Haven, Conn., assignor to Winchester Repeating Arms Co., New Haven, Conn. Filed Oct. 14, 1924. Serial No. 743,528. 1 Claim. (Cl. 287—126.)



In a fishing-rod having joint-sections which are relatively longitudinally-adjustable, the combination with two of the joint-sections thereof, of a laterally expansible but longitudinally non-extensible friction-sleeve mounted upon the lower end of one of the said joint-sections and having friction bearing in the upper end of the other joint-section, the said sleeve being provided at its respective ends with integral tubular clips respectively separated from its ends by transverse slots.

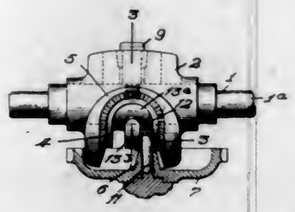
1,625,511. SHAFT COUPLING. KARL FRIEDRICH UNGERER, Pforsheim, Germany. Filed Apr. 22, 1924, Serial No. 708,286, and in Germany Dec. 21, 1923. 5 Claims. (Cl. 64—91.)



1. A shaft coupling comprising shaft ends having the same contour as the shaft with transverse slots and circular seats at the ends of said slots and relatively movable flat plates having cylindrical heads fitting said seats

and slots, the shaft ends also having slots at right angles to the afore-mentioned slots and the plates slotted from opposite edges to interfit and form a cross extending into both shaft ends.

1,625,512. REVERSING MECHANISM. SERGIUS VERNET, Brooklyn, N. Y. Filed Mar. 5, 1924. Serial No. 696,983. 6 Claims. (Cl. 74—14.)



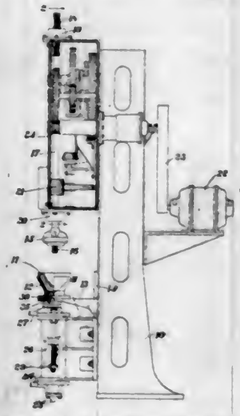
1. In a reversing mechanism of the type described, a rock shaft, a warped reversing gear thereon, means to drive the gear, in alternately reverse direction to oscillate the the rock shaft back and forth, and means to cause a reduction in the driving torque on the rock shaft during the reversing movements.

1,625,513. PENCIL. CHARLES E. WEHN, Alameda, Calif., assignor to Listo Pencil Corporation, Alameda, Calif., a Corporation of California. Filed Apr. 19, 1924. Serial No. 707,667. 5 Claims. (Cl. 120—18.)



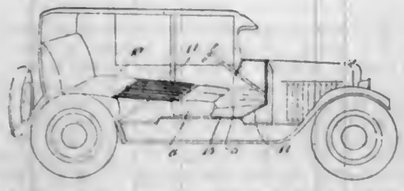
1. A pencil of the character described, comprising a tube having a slot formed in one end and a central passage in the other end and in communication with the slot, said central passage forming a receptacle for a pencil lead, a rack bar slidably mounted in the slotted portion of the tube, said rack bar being secured against rotary movement in the tube, a short nut journalled on one end of the tube and engageable with the rack bar to advance or retract the same, and a feed bar attached to the rack bar and extending into the lead receiving passage.

1,625,514. APPARATUS FOR FORMING PLASTIC MATERIALS. ARTHUR O. AUSTIN and DONALD KEITH MACLEOD, Barberton, Ohio, assignors, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio, a Corporation of New Jersey. Filed Feb. 12, 1925. Serial No. 8,821. 35 Claims. (Cl. 25—3.)



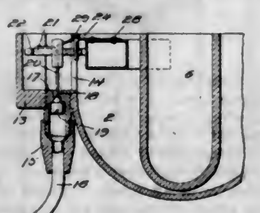
1. In combination a thread forming member, a continuously connected reciprocating drive having a definite range of movement for advancing said member to form a thread and for arresting the advance of said member at a definite position.

1,625,515. AUTOMOBILE BED. WILLIAM R. BAILEY, Elmhurst, Ill. Filed Nov. 18, 1925. Serial No. 69,837. 1 Claim. (Cl. 5—118.)



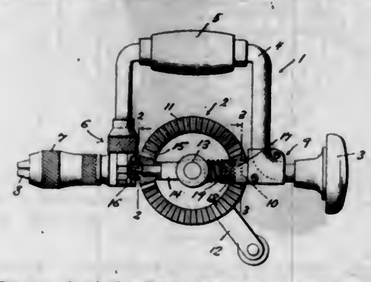
The combination with an automobile front seat having a back removably hinged to brackets secured on the base of the seat, of a flat grid formed with depending lugs on one end thereof for engagement with said brackets when said seat back is removed, and means for hingedly securing said grid lugs to said brackets whereby the free end of said grid may be swung to rest on top of the rear seat of an automobile.

1,625,516. CARBURETOR. FRED H. BARGER, Cherry Valley, Ark. Filed Feb. 18, 1925. Serial No. 10,036. 4 Claims. (Cl. 137—104.)



3. In a carburetor and in combination, a fuel chamber, a vertically swingable lever in said chamber, an upwardly seating valve for controlling the inlet to said chamber having a stem connected at an intermediate point of its length to the lever and extending above the lever, a float, a spring strip having a bifurcated end portion straddling the upwardly extending portion of the valve stem and fixedly connected to and arranged above the lever and also fixedly connected to and arranged above the float and having an intermediate portion spaced above the portion of the lever adjacent to the float, and a headed screw extending downwardly through and engaging with its head the intermediate portion of the spring strip and threaded in the lever.

1,625,517. COMBINATION BRACE AND DRILL. CHARLES W. BEAMER, Tonopah, Nev. Filed June 9, 1926. Serial No. 114,734. 2 Claims. (Cl. 145—66.)



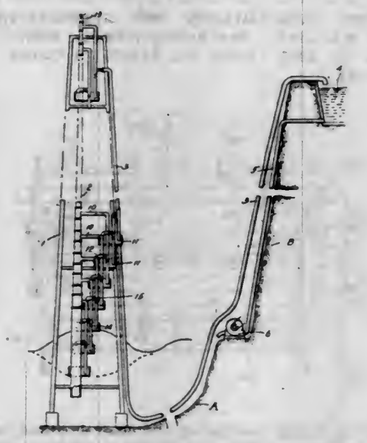
1. In a tool of the class described, in combination, a brace including the usual U-shaped portion, pawl and ratchet mechanism, bushing, and chuck rotatably mounted in the bushing, said chuck being provided at its inner end with a polygonal socket a clamp carried by a remote arm of the U-shaped portion of the brace, said clamp being provided with a polygonal extension, a drill attachment for the brace including a beveled gear, a shaft provided with means for mounting said gear to rotate in a plane substantially parallel to said shaft, a pinion rotatably mounted on one end of the shft and meshing with the gear, said pinion being provided with an extension fitting into the aforesaid socket, a spring pressed coupling sleeve mounted upon the opposite end of the shaft and provided with a polygonal socket for reception of the correspondingly shaped extension on said clamp.

1,625,518. SPRING WHEEL. WILLIAM JAKOB BEISEL, Port Richmond, N. Y., assignor to Beisel Spring Wheel Corporation, New York, N. Y., a Corporation of New York. Filed Dec. 27, 1922. Serial No. 609,298. 8 Claims. (Cl. 152—50.)



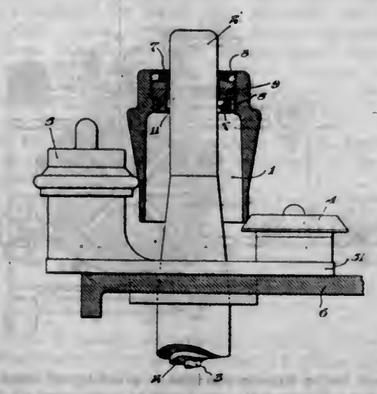
1. A spring wheel comprising in combination, a hub, a metal felloe, a plurality of sickle shaped spring spokes having radial inner ends secured to the hub and outer ends extending along the inner face of said felloe, the said inner face having a central groove like radial depression in which the outer ends of the spokes fit longitudinally and caps extending across said ends bolted to the felloe, thus rigidly clamping the outer spoke ends to the felloe.

1,625,519. WAVE MOTOR. HERBERT L. BOOTH, Beverly Hills, Calif. Filed Sept. 20, 1926. Serial No. 136,520. 6 Claims. (Cl. 103—64.)



1. A device of the character described comprising conduits at successively higher elevations and all communicating with a body of water having a periodic natural change in the level thereof, means for automatically alternately creating and destroying a vacuum in all of the conduits by said change in the level of the body of water, means for lefting liquid in each of said conduits by said vacuum, and means for automatically discharging the elevated liquid from each of said conduits into the next higher conduit when the vacuum is destroyed.

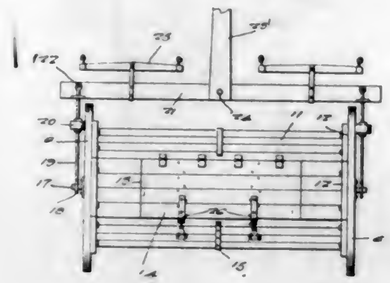
1,625,520. CAP SPINNING FRAME. ROBERT BURGESS, Newton Center, Mass., assignor of one-half to Joseph H. Jones, Winthrop, Mass. Filed May 31, 1923. Serial No. 642,379 6 Claims. (Cl. 118—62.)



1. In live-cap spinning devices, the combination with a rotatable spinning element, of a live cap driven by light frictional engagement with the blade or barrel of said element, having a bore in the cap-head permitting

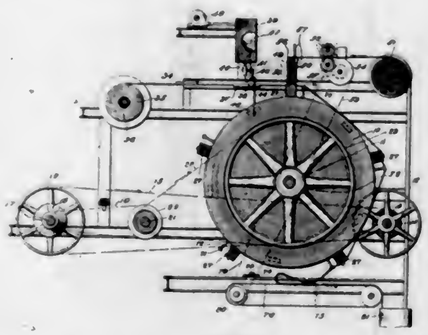
the cap to assume its normal positions when at rest and in motion without cramping or binding upon said blade or barrel, and oppositely-located pivot-wheels coacting to sustain the cap while in active rotation with its axis uni-directional with that of the spinning element and its bell-shaped portion in an intermediate position substantially concentric with the axis of the spinning element whereby cramping or binding interfering with free vertical relative movement is obviated.

1,625,521. GRAIN-MIXING AND CHEMICAL-TREATING MACHINE. ORR BURGETT, Scobey, Mont. Filed Sept. 26, 1925. Serial No. 58,887. 6 Claims. (Cl. 259—81.)



1. In a mixing machine of the class described, a pair of ground engaging disks, a plurality of brackets arranged concentrically about the center of the inner surface of the disk and spaced at equal intervals from each other and spaced inwardly from the periphery of the disks, bars disposed between the brackets on the inner faces of the disks, bars extending between the brackets from one disk to the other, said bars and disks forming a skeleton frame for a polygonal receptacle, and panels mounted on said bars to form the sides of said polygonal receptacle.

1,625,522. LACING-TIPPING MACHINE. FRED E. BURLINGAME, Pawtucket, R. I., assignor to Attleboro Braiding Co., South Attleboro, Mass., a Corporation of Massachusetts. Filed June 26, 1924. Serial No. 722,581. 14 Claims. (Cl. 18—1.)



4. In a lacing tipping machine, a plurality of cooperating die blocks having dies arranged to close upon a lacing to form a tip thereon, means for advancing said blocks to act successively upon a continuous length of lacing fabric to form tips thereon and also feed length to the next succeeding die.

1,625,523. STOCKING. WALTER D. BUTZ, Norristown, Pa. Filed Sept. 6, 1922. Serial No. 586,435. 4 Claims. (Cl. 66—182.)

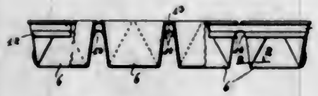


1. A stocking comprising a reinforced area at the back, with bands of the reinforced fabric extending at intervals across the front of the stocking and confining therebetween panels of the unreinforced fabric.

1,625,524. MANUFACTURE OF STEEL SHEETS. WILLIAM E. CAUGHERTY, Natrona, Pa., assignor, by mesne assignments, to Allegheny Steel Company, Brackenridge, Pa., a Corporation of Pennsylvania. Filed June 18, 1924. Serial No. 720,783. 5 Claims. (Cl. 148—12.)

1. The method, which consists in roughing down steel sheets to approximately one-half their finished length, in annealing the roughed down sheets at a temperature sufficiently high to transform the grain structure thereof, in pickling said annealed sheets, in matching or pairing the roughed down sheets, in rolling the paired or matched sheets to length, in pickling the sheets after rolling and then annealing the same.

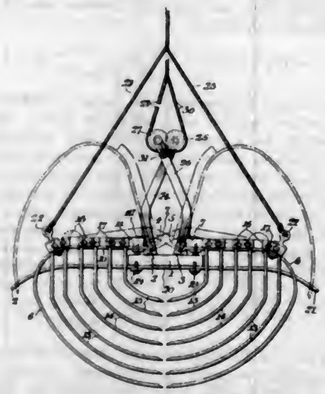
1,625,525. BAKING PAN. HENRY B. CRAMER, San Diego, Calif. Filed July 12, 1926. Serial No. 121,900. 5 Claims. (Cl. 53—6.)



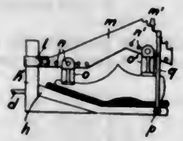
1. In combination with pans united into a group, a strip around the upper edges of the united pans formed for gradually guiding and for equally spacing the pans in all lateral directions within the upper edges of another group of pans when so placed.

1,625,526. POWER FORK. SCHUYLER DAVEY, Stillwater, N. Y. Filed Aug. 9, 1926. Serial No. 128,242. 7 Claims. (Cl. 294—111.)

1. A power fork comprising a central support, a pair of rectangular frames, a plurality of tines connected to each frame, means pivotally supporting said tines and frames from the central support, and means for positively moving the tines and frame to and from operative position, each of said moving means being operable to raise and lower said fork.

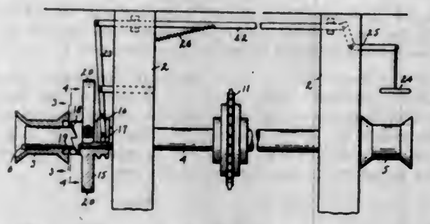


1,625,527. PNEUMATIC SOLE-LAYING MACHINE. ALBERT DEMNITZ, Dresden, Germany. Filed Mar. 13, 1924, Serial No. 699,103, and in Germany Mar. 19, 1923. 2 Claims. (Cl. 12—37.)



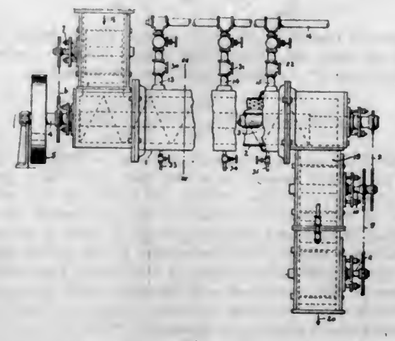
1. A pneumatic sole-laying machine, which comprises a rotatably mounted table, a plurality of pressing devices arranged radially on said table, a clamping lever having a free end for each of said pressing devices, a plurality of notches provided at the free end of said clamping lever, and a stirrup which is rockingly mounted and capable of co-operating with said notches for engaging and adjusting said clamping lever in operative position.

1,625,528. TONG-OPERATING SAFETY APPLIANCE. WELDON C. ERWIN, Yorba Linda, and CECIL H. SWEET, Brea, Calif., assignors to John W. MacClatchie, Compton, Calif. Filed Apr. 27, 1925. Serial No. 26,004. 6 Claims. (Cl. 255—35.)



1. The combination with the draw works of a well which includes a drive shaft and a cat head fixed on the end thereof, an axially shiftable eccentric journaled on the drive shaft adjacent the cat head, the proximate ends of the cat head and eccentric forming cooperating clutch elements, the opposite end of the eccentric having a projecting sleeve provided with an annular recess, a forked operating arm engaging said recess for axially shifting the eccentric to engage or disengage the clutch, actuating means for the forked arm having an operating handle at the opposite end of the drive shaft, a strap on the eccentric, and a cable fixed to the strap and having means for engaging tongs.

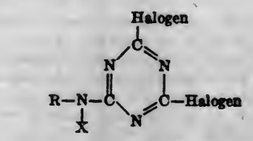
1,625,529. PASTEURIZER. THOMAS W. W. FORREST, Oakland, Calif., assignor to Sun-Maid Raisin Growers of California, Fresno, Calif., a Cooperative Association of California. Filed Nov. 22, 1924. Serial No. 751,568. 5 Claims. (Cl. 99—2.)



1. Dried fruit Pasteurizing mechanism comprising a horizontally arranged tubular outer casing provided with upper controlled steam supply means and lower controlled drainage means, a cylindrical inner casing spaced within the outer casing and a conveyor therein adapted to transfer material through said inner casing, said inner casing being provided with a plurality of perforations on its upper side only open to the space between the cylinders to allow steam action therethrough from said space on said material and said inner casing provided with an inlet valve to control the fruit to the conveyor and an outlet therefor and means to restrain the outflow of the fruit therefrom to retain the steam.

1,625,530. INTERMEDIATE PRODUCT FOR THE SYNTHESIS OF DYES AND PROCESS OF MAKING SAME. HERMANN FRITZSCHE, EDUARD KRUMMENACHER, HANS GUBLER, and OTTO KAISER, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Filed July 20, 1923, Serial No. 652,856, and in Switzerland Sept. 7, 1922. 5 Claims. (Cl. 260—27.)

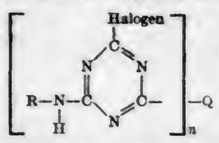
3. As new intermediate products for the synthesis of dyes, the herein described new compounds of the general formula:



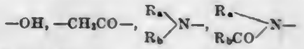
wherein R means an aromatic complex derived from hydrocarbons having not more than 12 carbon atoms, and X hydrogen, alkyl or aralkyl, one of the two residues R and X containing at least one strong acid group, which products are colorless to gray and yellowish powders, dissolving in solvents yielding colorless to yellow and brownish solutions, and which are characterized by two mobile atoms of halogen at the cyanuric nucleus.

1,625,531. INTERMEDIATE PRODUCT FOR THE SYNTHESIS OF AZO DYES AND PROCESS OF MAKING SAME. HERMANN FRITZSCHE, EDUARD KRUMMENACHER, HANS GUBLER, and OTTO KAISER, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Filed July 20, 1923, Serial No. 652,857, and in Switzerland Sept. 7, 1922. 12 Claims. (Cl. 260—27.)

7. The herein described new intermediate products for the synthesis of azo-dyes of the general formula:



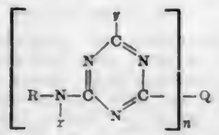
wherein R means an aromatic residue which, firstly, contains at least one strong acid group, secondly, contains at least one of a group of auxochromes including



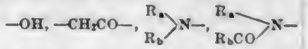
(wherein Ra and Rb represent the same or different alkyl, aryl or aralkyl radicals or a hydrogen atom), Q a hydrogen atom or a radical which are linked to the carbon atom of the cyanuric nucleus by one of a group of connecting links which contains O or N, and *n* a whole number not higher than the number of the mobile hydrogen atoms originally present in the amino and hydroxy groups of the compounds corresponding with the radical Q, which products form colorless to gray and yellowish powders which dissolve in solvents forming from colorless to yellow and brownish to yellow and brownish solutions, and which are characterized by the presence of a mobile atom of halogen at the cyanuric nucleus.

1,625,532. PROCESS OF MAKING INTERMEDIATE PRODUCTS FOR THE MANUFACTURE OF AZO DYES. HERMANN FRITZSCHE, EDUARD KRUMMENACHER, HANS GUBLER, and OTTO KAISER, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Filed July 20, 1923, Serial No. 652,858, and in Switzerland Sept. 7, 1922. 1 Claim. (Cl. 260—27.)

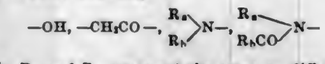
The herein described process of making intermediate products of the general formula



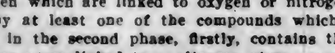
wherein R means an aromatic complex which contains one of a group of auxochromes including



(wherein Ra and Rb represent the same or different alkyl, aryl or aralkyl radicals or hydrogen atoms), *x* a hydrogen atom or an alkyl, aralkyl or aryl residue, one of the two residues R and *x* containing at least one strong acid group, Q a hydrogen atom or a radical which is linked to the carbon atom of the cyanuric complex by one of a group of connecting links which contains —O— or —N— *y* a halogen or a hydrogen atom or a radical, the hydrogen and the radical being linked to the carbon atom of the cyanuric nucleus by one linking, such as —N— or —O—, and *n* a whole number not higher than the number of the mobile hydrogen atoms originally present in the molecule corresponding with Q, which consists in condensing, in the first phase, at least one molecular proportion of a cyanuric trihalide with one molecular proportion of a compound containing a mobile atom of hydrogen which is linked to an oxygen or a nitrogen atom, but not carrying besides one of a group of auxochromes including



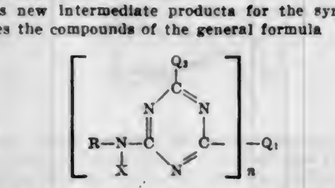
(wherein Ra and Rb represent the same or different alkyl, aryl or aralkyl radicals or a hydrogen atom), then causing to react, in a second phase, any number of the atoms of halogen belonging to the products obtained in the first phase with compounds carrying mobile atoms of hydrogen which are linked to oxygen or nitrogen atoms, whereby at least one of the compounds which are employed in the second phase, firstly, contains the mobile hydrogen atom linked to a nitrogen atom, secondly, contains still one of a group of auxochromes including



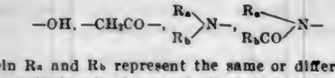
(wherein Ra and Rb represent the same or different alkyl, aryl or aralkyl radicals or hydrogen atoms), thirdly, contains a strong acid group, one phase at least being carried out in water.

1,625,533. INTERMEDIATE PRODUCT FOR THE SYNTHESIS OF AZO DYES AND PROCESS FOR MAKING SAME. HERMANN FRITZSCHE, EDUARD KRUMMENACHER, HANS GUBLER, and OTTO KAISER, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Filed July 20, 1923, Serial No. 652,859, and in Switzerland Sept. 7, 1922. 12 Claims. (Cl. 260—27.)

7. As new intermediate products for the synthesis of azo-dyes the compounds of the general formula



wherein R means an aromatic complex which contains at least one of a group of auxochromes including

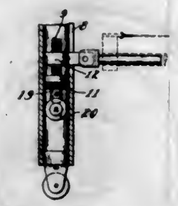


(wherein Ra and Rb represent the same or different alkyl, aryl or aralkyl radicals or a hydrogen atom), *x* a hydrogen atom or an alkyl, aralkyl or aryl residue, one of the two residues R and *x* containing at least one strong acid group, Q_1 a hydrogen atom or a radical which is linked to the carbon atom of the cyanuric nucleus by one of a group of connecting links which contains —O— or —N—, Q_2 one hydrogen atom or one radical which is linked to the carbon atom of the cyanuric nucleus by one of a group of connecting links which contains —O— or —N—, and *n* a whole number not higher than the number of the mobile hydrogen atoms originally present in the amino and hydroxy groups of the compound corresponding with the radical Q_1, which products are from colorless to gray and yellowish powders, dissolving in solvents from colorless to yellowish and brownish solutions.

1,625,534. ADJUSTABLE SICK BED. WILLIAM B. GARDINER, Quincy, Mass., assignor of forty-eight one-hundredths to Sebastiano Marchese, Quincy, Mass. Filed Sept. 6, 1924. Serial No. 736,229. 2 Claims. (Cl. 5—64.)

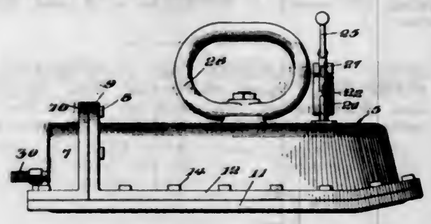
1. A bed having corner posts, driving shafts mounted respectively in the two corner posts at each end, each

constructed at one end to receive a driving crank, a longitudinal screw contained in each post, a bevel gear on each of said screws, bevel gears on the adjacent shaft meshing with the gears on the screws to rotate the



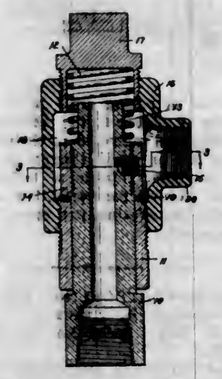
screws, travelers fitted to said screws to progress lengthwise and projecting through slots in the posts, a bed bottom, and pivoted, extensible couplings between said travelers and the bed bottom.

1,625,535. STEAM-HEATED IRON. ADOLPH GRAF, Chicago, Ill. Filed Jan. 11, 1924. Serial No. 685,655. 4 Claims. (Cl. 68—26.)



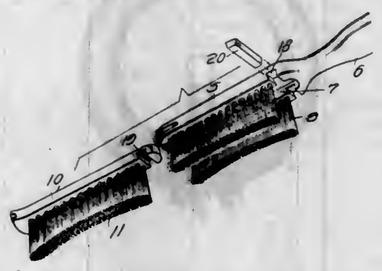
1. A steam iron comprising a hollow body having laterally projecting flanges on opposite sides thereof, a base having a steam tight connection with said flanges, said body and said base being provided with communicating steam passages, the passages in said base having their outlet portions extended at an acute angle to the material operated on, and means for supplying steam to said body.

1,625,536. SWIVEL PIPE JOINT. GEORGE GRONNER, Davenport, Iowa. Filed May 24, 1924. Serial No. 715,711. 1 Claim. (Cl. 285—167.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



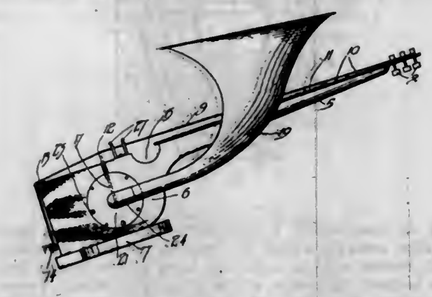
A swivel pipe joint embodying a T-fitting, a plug for closing one end thereof, said plug formed with a recess, a bearing engaged in the opposite end of the fitting, a tubular member partially inserted within the T-fitting, said tubular member formed with a reduced terminus spaced from the fitting, a collar carried by the tubular member adjacent the terminus and spaced from the fitting, a set screw uniting the collar and the tubular member, a packing ring interposed between the collar and the bearing, and a spring seated in the plug and engaging the collar to compress the packing ring.

1,625,537. TOOTHBRUSH. FRANCIS L. GULLICKSON, West Salem, Wis. Filed May 25, 1926. Serial No. 111,564. 3 Claims. (Cl. 15—176.)



1. In a tooth brush, the combination with a head and a handle extending therefrom, the head being formed in its under face with a centrally disposed longitudinal seat having undercut side walls, rows of bristles secured to the head on opposite sides of the seat, and a removable head section slidably mounted in said seat for longitudinal movement and provided with a row of bristles extending longitudinally of said section, the side walls of the outer end of the head and the outer end of the head-section being conjointly formed with a groove, and a U-shaped clip frictionally seated in said groove to retain said section in its assembled position in said seat.

1,625,538. MUSICAL INSTRUMENT OF THE STRINGED TYPE. RUPERT ALEXANDER HAZELL, Melbourne, Victoria, Australia. Filed Apr. 21, 1926, Serial No. 103,553, and in Australia Nov. 24, 1925. 1 Claim. (Cl. 84—296.)



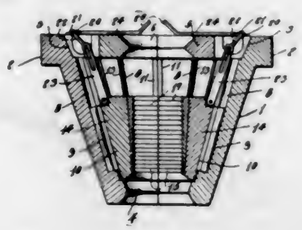
A musical instrument of the class described comprising a body portion having a neck portion at the end of which art keys for adjusting the tension on strings which pass rearwardly over a bridge, and over a metal angle piece, to be held to the instrument in any suitable way, frets disposed upon the upper surface of the neck portion at selected intervals, said bridge member being characterized by a straight edge adapted to support a plurality of strings in one plane, the bridge having an extension in the form of a stylus which connects a diaphragm supported in any suitable way, and carried in a recess formed in the body of the instrument, a tubular extension in communication with the diaphragm and a knee gripping member to the instrument body as described.

1,625,539. ILLUMINATED ORNAMENTAL DEVICE. MAX HERSKOVITZ, Chicago, Ill.; William Herskovitz and Charles Weinfeld executors of said Max Herskovitz, deceased; said William Herskovitz now by judicial change of name William Herst. Filed Dec. 10, 1923. Serial No. 679,842. 1 Claim. (Cl. 240—10.)



A device of the character set forth, comprising a core formed of sheet fibrous material in the form of an annulus of concavo-convex cross-section, a clip extending across the convex face of said core with its ends overlapping the rear side of said core, said clip having a substantially flat upper portion, and a hollow nipple, for an electric-lamp socket, on said flat portion, said core and the upper end portion of said clip which opposes the rear face of said core containing apertures substantially in registration with each other and with the opening in said nipple.

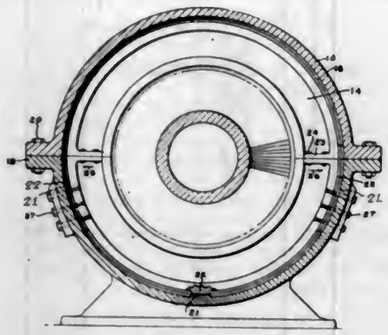
1,625,540. AUTOMATIC ROTARY-SPIDER BUSHING. FRANK HERTZBERG, Lomita, Calif. Filed Aug. 13, 1925. Serial No. 50,101. 2 Claims. (Cl. 24—263.)



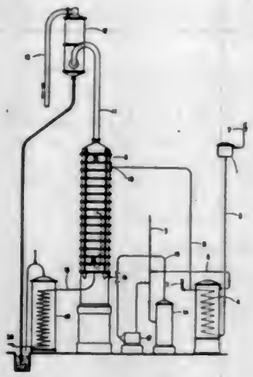
2. In combination, a bushing internally tapered, units of slips mounted within the bushing for axial movement with respect thereto, said slips being of less length than the vertical dimension of the bushing, elements loosely connecting the slips of the respective units, shafts journaled on the upper end of the bushing and provided with cranks, and links connected to the cranks and to the upper end of a slip of each unit.

1,625,541. ELASTIC-FLUID TURBINE. FRANCIS HODGKINSON, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 21, 1923. Serial No. 682,117. 12 Claims. (Cl. 253—78.)

1. In a turbine having a cylinder and a rotor, a stationary blade-carrying ring supported by the cylinder and concentric with the rotor and means cooperating between the ring and the cylinder whereby the ring may expand within the cylinder and remain substantially concentric with the rotor while maintaining a predetermined spacing with respect to the cylinder at at least three points.



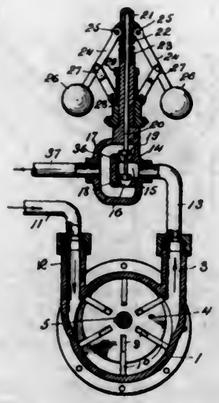
1,625,542. PREPARATION OF NONFERMENTED BEVERAGES. FRITZ HOSTETTLER, Bern, Switzerland. Filed Aug. 23, 1926, Serial No. 130,993, and in Switzerland Sept. 17, 1925. 3 Claims. (Cl. 99—11.)



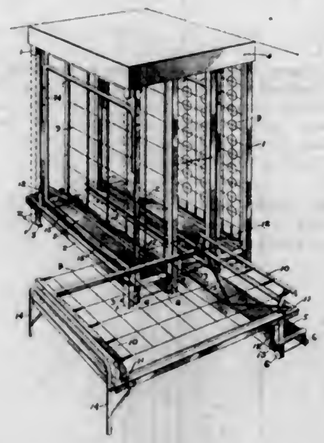
1. A process of preparing fruit juice beverages, comprising the steps of adding to the fresh must a sufficient quantity of sulphurous anhydrid to cleanse the must and leave a part of the anhydrid therein in solution, thereby to render the must capable of being stored for an indefinite period without pasteurization or refrigeration; and subsequently transfusing the must with humidified air to desulphurate it.

1,625,543. SPEED-CONTROLLING MECHANISM FOR MOTORS. CHARLES B. HUTCHISON, Parsons, Kans. Filed Apr. 28, 1924. Serial No. 709,342. 10 Claims. (Cl. 188—183.)

1. In a speed controlling mechanism, of the kind described, the combination with a driving element of a motor, of a cylinder having an intake port and an exhaust port for fluid, a piston attached to and movable by said driving element in said cylinder and arranged to force fluid from said intake port to said exhaust port, and governing means controlled by the speed of movement of said motor driving element for controlling the discharge of fluid through said exhaust port, in a manner such that the discharge will be respectively increased and decreased, as the speed of the driving element is reduced and increased.



1,625,544. DISPLAY RACK. NELS JENSEN, Grass Valley, Calif. Filed Mar. 30, 1926. Serial No. 98,446. 3 Claims. (Cl. 211—14.)



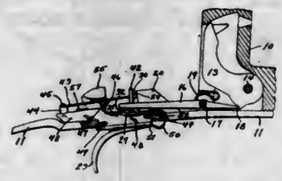
1. A display rack for bed springs, comprising the combination of an upright housing having a plurality of vertically extending openings thereinto, a plurality of carriages mounted on rollers and respectively slidable into and out of such openings, each carriage comprising an inverted U-shaped channel bar, two upright supports carried by each carriage respectively adjacent the ends thereof, a frame for each carriage pivotally mounted on the said supports adjacent one end of the frame and adapted to support a bed spring thereon, the frames being movable about the pivots to a horizontal position when the carriages are withdrawn from the frame housing, and means at the free ends of the frames for supporting the same in the horizontal position.

1,625,545. SHIM. JOHN KARMAZIN, East Amherst, N. Y., assignor to Laminated Shim Company, Inc., Long Island City, N. Y., a Corporation of New York. Filed Mar. 20, 1923. Serial No. 626,288. 2 Claims. (Cl. 308—244.)



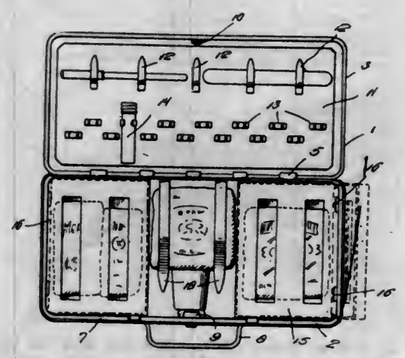
1. As an improved article of manufacture, a shim consisting of a plurality of superposed sheets, each of said sheets except the bottom sheet being so punched as to provide a tongue which will extend into the next adjacent sheet, said bottom sheet presenting a smooth flat surface parallel to the upper surface of said shim.

1,625,546. AUTOMATIC SINGLE-TRIGGER MECHANISM FOR DOUBLE-BARREL GUNS. JOE KAUTZKY, Jr., Fort Dodge, Iowa. Filed July 17, 1926. Serial No. 123,207. 10 Claims. (Cl. 42—42.)



1. In a gun lock, a frame, a trigger standard thereon, a trigger pivoted to said standard, a sear pivotally arranged on each side of said standard and having an inwardly directed arm at its rear end, a sear-lifting plate pivotally mounted and adapted to be raised by operation of said trigger, a sear lifter pivoted on said plate and adapted for selective engagement beneath the arms of said sears, a tumbler pivoted on said standard and adapted to oscillate said sear lifter, and means on said sears for oscillating said tumbler.

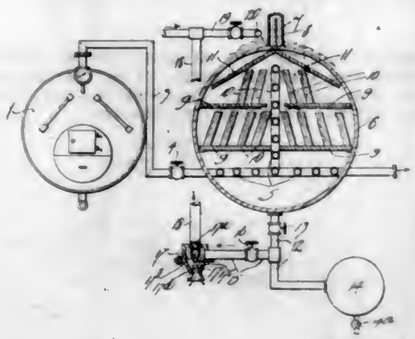
1,625,547. EMERGENCY KIT. ARCHIBALD K. KESSLER, Huntington, W. Va. Filed Mar. 2, 1926. Serial No. 91,748. 1 Claim. (Cl. 220—20.)



An emergency kit, comprising a container formed of a pair of hinged container forming half sections, means for releasably locking said sections in closed container forming relation, and a pair of rectangular frame members hingedly mounted in the opposite ends of one section and movable toward each other to closed position, each frame member having a plate member formed with inter-

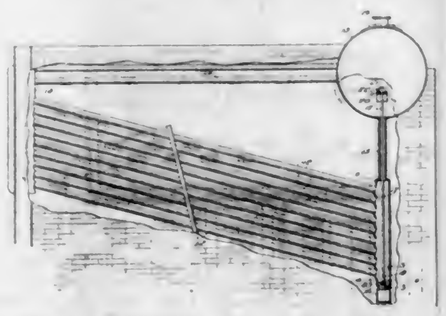
ally extending flanges on the sides adapted for cooperation in the closed position of the members with the ends of the section for dividing said section into a plurality of compartments, and in the open position of the members to provide communication between the several portions of the section.

1,625,548. APPARATUS FOR DRYING AND SEASONING TIMBER. ADOLF MARTIN KORIOLKE, Gilderoy, Victoria, Australia. Filed July 25, 1923, Serial No. 653,813, and in Australia July 25, 1922. 3 Claims. (Cl. 34—30.)



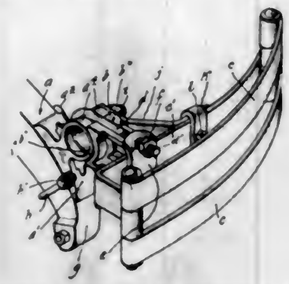
1. Apparatus for drying and seasoning timber, comprising a hermetically sealed kiln for receiving timber to be treated, a boiler, piping in the kiln for receiving steam from the boiler, a trap, a pipe leading from the kiln to the trap, a vacuum pump, a branch from the pipe to the pump, and a condenser operative to cause condensation inside of the kiln, for the purposes specified.

1,625,549. STEAM BOILER. FREDERICK W. KRONENBERG, Philadelphia, Pa. Filed June 19, 1925. Serial No. 38,268. 9 Claims. (Cl. 122—406.)



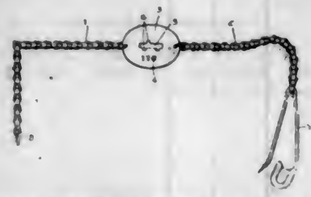
1. In a steam boiler, the combination with the front and rear headers, tubes arranged in vertically disposed series between the headers, and a steam drum communicating with both of said headers, of means for insuring a supply of water from said drum to the lower portion of the rear header and the lowermost tube supplied from that portion of the header, said means comprising a series of pipes extending from a point within the drum through the header to the bottom of the latter, the lower end of each pipe having lateral openings therein to discharge water laterally of the header.

1,625,550. VEHICLE BUMPER. FRANK J. LAHER, Portland, Oreg. Filed Dec. 29, 1925. Serial No. 78,126. 10 Claims. (Cl. 293—55.)



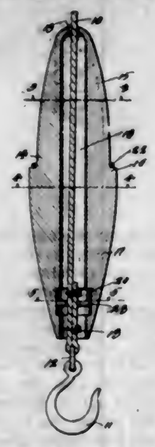
8. In a vehicle bumper, a base adapted to be set upon the frame end of a vehicle, said base being resilient and having a concaved bottom means for drawing said base towards the vehicle frame upon which it is mounted to flatten said concave portion and flex said base.

1,625,551. LAUNDRY-HANDLING DEVICE. EDWIN LANE, New York, N. Y., assignor to Carolyn Laundry, New York, N. Y., a Corporation of New York. Filed Nov. 16, 1925. Serial No. 69,556. 4 Claims. (Cl. 40—21.)



1. A device adapted to secure a plurality of fabric pieces together for laundering, comprising a flexible metallic member composed of two sections with a tag having a key way formed thereon connecting the two sections and means for fastening the loose ends of the sections to form a laundry-holding loop.

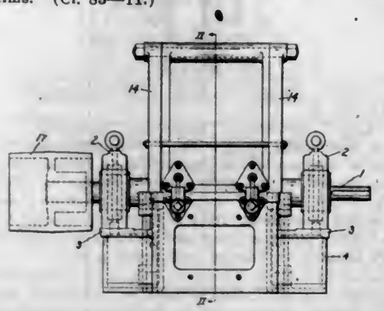
1,625,552. COMBINED WHIP WEIGHT AND BUFFER. CHARLES W. LEWIS, Portsmouth, N. H. Filed July 27, 1925. Serial No. 46,439. 6 Claims. (Cl. 294—82.)



6. A cable whip weight comprising an elongated body formed with a longitudinal bore through its center, the said body including a pair of laterally detachable

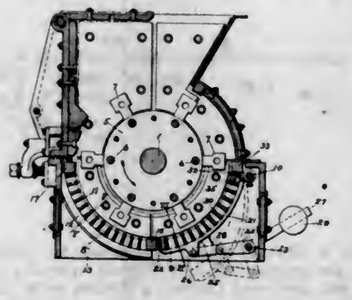
sections, a ring removably mounted in the body adapted to engage a cable, and an exterior ring adapted to be slidably fitted on the body sections to lock the same in position about a cable.

1,625,553. PULVERIZING MACHINE. WILLIAM K. LIGGETT, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed June 8, 1923. Serial No. 644,166. 8 Claims. (Cl. 83—11.)



1. In a machine of the class described, the combination of a casing having an opening through a portion of its end wall to permit access to the interior of said casing, a shaft traversing said casing with its ends projecting through the opening, bearings for said shaft spaced from said casing to provide a working area, and a disk rotating with said shaft and lying closely adjacent the opening with its periphery in close proximity to the circumferential wall of said opening.

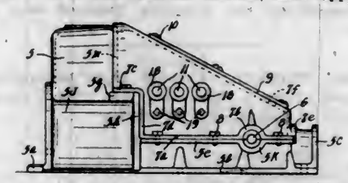
1,625,554. PULVERIZING MACHINE. WILLIAM K. LIGGETT, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed June 8, 1923. Serial No. 644,167. 35 Claims. (Cl. 83—11.)



1. In a grating of the class described, the combination of side bars having open topped seats, spacer blocks loosely mounted in said seats, grate bars loosely mounted in said seats between said blocks, and means for exerting pressure endwise of the series of assembled bars and blocks to hold said series in place.

1,625,555. TRANSMISSION COVER FOR FORDS. RICHARD A. LINQUIST, Minneapolis, Minn. Filed June 5, 1926. Serial No. 113,951. 4 Claims. (Cl. 74—56.)

1. A casing for the transmission mechanism of an automobile, having a planetary transmission, pedal-controlled brake drums for operating the same, and a clutch lever shaft connected to one of said pedals and extending across said casing below said pedals, comprising an upper section, said section having connecting flanges disposed in a horizontal plane passing through the center of the crank shaft of the motor and adapted to be secured to a lower section of said casing, such upper section also having another removable section thereon, said upper sec-



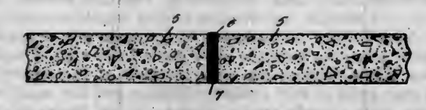
tion and removable section having connecting flanges meeting in a horizontal plane passing substantially through the center of the clutch lever shaft, said removable section having semi-cylindrical portions at its front and rear ends fitting over similar sections on said upper section.

1,625,556. FIRE GRATE. ALEXIS S. LOMSHAKOFF, Prague, Czechoslovakia. Filed Sept. 19, 1923. Serial No. 663,562. 5 Claims. (Cl. 126—152.)



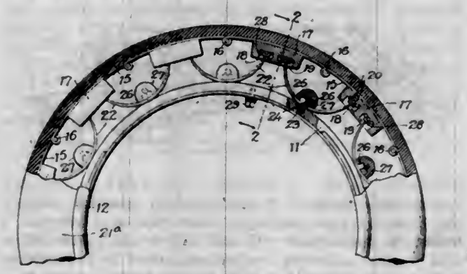
1. A fire grate having a permanent body of air permeable parts formed of strata of fire resisting particles, the strata being of varying air porosity.

1,625,557. EXPANSION JOINT. JOHN P. MCDONALD, Austin, Tex. Filed May 17, 1924. Serial No. 714,083. 1 Claim. (Cl. 94—18.)



A method of constructing expansion joints for concrete road sections consisting in placing a sawdust filler between the adjacent ends of sections, and at the bottom of the space between the sections, leaving a space between the upper surface of the sawdust filler and upper surface of the road sections, and finally filling in bituminous material until the bituminous material engages the sawdust and the upper edge of the bituminous material is level with the upper surfaces of the road sections.

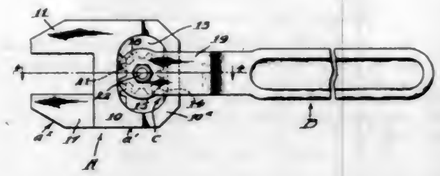
1,625,558. CUSHION TIRE. JOHN MCILWAINE, Virden, Ill. Filed June 25, 1926. Serial No. 118,532. 3 Claims. (Cl. 152—8.)



2. In a cushion wheel, a rim, plates thereon having curved outer edges, a tire casing having beads engaged by the edges of the plates for anchoring it to the rim, a plurality of tread plates hingedly connected and embraced

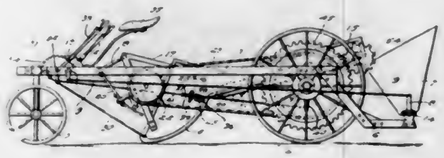
by the casing, yieldable means for holding the tread plates in spaced relation to the rim, said means comprising springs anchored between their ends to the rim, the said springs having angularly disposed ends, blocks secured to the plates between the pivots, said blocks having cavities therein, and anti-friction elements rotatable in the cavities engaged by the angularly disposed ends of the springs.

1,625,559. WRENCH. BERNARD LYNN MCNERNEY, Minneapolis, Minn. Filed Oct. 22, 1924. Serial No. 745,133. 2 Claims. (Cl. 81—127.)



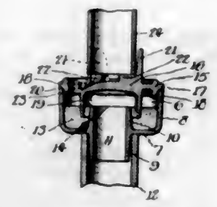
1. In a wrench, a pair of head members, each comprising a shank and a right-angular jaw reaching forwardly thereof, the shank of one member being formed with a way in the front edge thereof and also formed with an elongated opening therethrough at the rear thereof, said opening paralleling said way and communicating therewith, the shank of the second member fitting said way in the shank of the first member and slidable therein, there being rearwardly projecting rack teeth at the rear edge of said shank, there being rack teeth projecting forwardly from the rear wall of the opening in the shank of the first member, a gear located in said opening and meshing at its forward and rear sides with said first and second rack teeth respectively, a handle bifurcated at one end thereof, the branches of said handle straddling the shank of said first member and formed with opposed annular bosses on the inner sides thereof, the rims of said bosses riding against the outer margins of the forward and rear walls of said elongated opening and the margins of the faces of said bosses bearing against the ends of the rack teeth on both shanks, said gear being fixed to the handle between and in axial alinement with the bosses thereon, said handle serving to turn and guide the gear and said gear serving, through coaction with said rack teeth, to relatively shift the head members and open and close said jaws.

1,625,560. STONE PICKER. HERBERT MORRIS, South Valley, N. Y. Filed Mar. 29, 1924. Serial No. 702,834. 1 Claim. (Cl. 55—17.)



A picking machine of the character specified comprising a main frame having a rear depressed portion, a bucket, a shaft rigid with the bucket and journaled on said portion, gathering mechanism carried by the machine including an elevator, said bucket being arranged to receive material from the elevator, a crank extending from said shaft, and an operative connection for said crank whereby the bucket may be tilted for emptying and may be secured in normal receiving position.

1,625,561. DRAIN TRAP. NEWTON MORRIS, Fond du Lac, Wis. Filed Apr. 21, 1926. Serial No. 103,490. 2 Claims. (Cl. 182—8.)

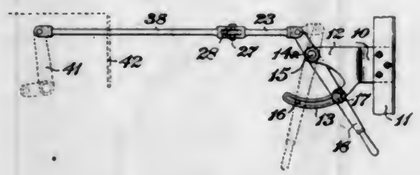


1. A drain trap comprising, a two part construction having in combination, a cup having an outlet above the bottom thereof, and a cover element supported solely on the lip of the cup, said cover element including a sealing bell, means upstanding from the surface of said bell to space a drain pipe therefrom and a plurality of upstanding prongs adapted to engage said drain pipe.

1,625,562. MANUFACTURE OF ARTIFICIAL SILK AND THE LIKE. FREDERICK CARL NIEDERHAUSER and ALFRED ERNEST SUNDERLAND, Roanoke, Va., assignors to The Viscose Company, Marcus Hook, Pa., a Corporation of Pennsylvania. Filed Nov. 9, 1920. Serial No. 422,783. 5 Claims. (Cl. 18—54.)

1. In the manufacture of cellulose products from a cellulosic solution, a setting bath into which the solution is projected and from which the "set" product is withdrawn, said bath comprising a crystalline reagent and a soluble colloid serving to materially retard the crystallization of said reagent in the "set" product withdrawn from the bath.

1,625,563. THROTTLE-CONTROL MECHANISM. JOHN S. PAYNE, Midland Park, N. J. Filed Sept. 17, 1926. Serial No. 136,048. 4 Claims. (Cl. 74—39.)

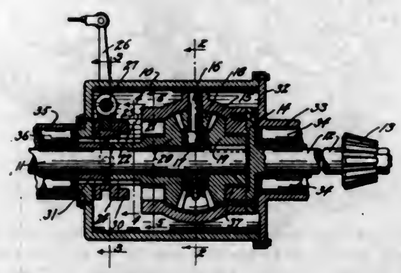


1. In a throttle control mechanism for railroad vehicles, the combination of a throttle operating lever: a reach rod, connected thereto; a floating lever, connected intermediate its ends, to the reach rod; a shaft; means for rotatably supporting said shaft; a hand lever, rigidly secured to the shaft; an arm, rigidly secured to the shaft; a link, connecting the arm and floating lever; a hand lever, rotatably mounted on the shaft, and comprising a hand arm and a link arm; and a link, connecting the link arm and the floating lever.

1,625,564. TRANSMISSION GEAR. GURDON T. POLLARD, Denver, Colo. Filed Apr. 15, 1926. Serial No. 102,172. 2 Claims. (Cl. 74—34.)

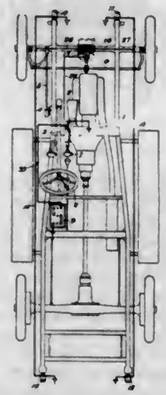
1. A transmission mechanism for transmitting power from a first shaft to a second shaft comprising a member secured to the extremity of said second shaft and extending around the extremity of said first shaft; planet

gears carried in said member; a gear carried on said first shaft adapted to engage said planet gears; means for causing said planet gears to selectively rotate either around or with said first shaft, said means comprising a sun gear rotatably mounted on said first shaft and maintained in engagement with said planet gears; and means adapted



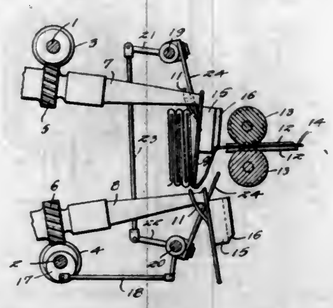
to cause said sun gear to rotate with said member or remain stationary as desired, said means comprising a rigid support; a toothed clutch slidably carried on said sun gear and arranged to rotate therewith, said clutch having means for engaging said member or engaging said rigid support at will.

1,625,565. SIGNALING AND DIRECTION-INDICATING APPARATUS FOR AUTOMOBILES. ABRAHAM ROSENBERG and WILLIAM OLLINGER, New York, N. Y., assignors to F. Thomas Moore, Washington, D. C. Filed Feb. 10, 1922. Serial No. 535,551. 1 Claim. (Cl. 177—389.)



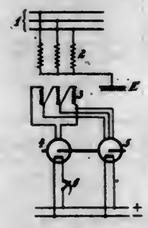
In an electric signaling system for a vehicle having a steering mechanism and a brake mechanism; the combination of a right direction signal, a left direction signal, a switch having two stationary contacts, a conductor between each stationary contact and one of the signals respectively, a movable contact member in the switch including means for contacting either one of the stationary contacts singly when moved to either side of a neutral position, and for contacting both stationary contacts simultaneously when in neutral position, means actuating the movable contact member upon movement of the steering mechanism and means electrically energizing the movable contact member upon actuation of the brake mechanism.

1,625,566. FOLDING MACHINE. DUNBAR A. ROSENTHAL and COURTNEY P. WINTER, Chambersburg, Pa., assignors to United States Paper Mills, Inc., Chambersburg, Pa. Filed Dec. 3, 1926. Serial No. 152,501. 25 Claims. (Cl. 270—89.)



1. In a folding machine of the class described, a plurality of opposed rotatable tucking blades for folding material fed thereto, the axes of said blades being out of alinement.

1,625,567. DEVICE FOR NEUTRALIZING THE HIGHER HARMONICS IN HIGH-VOLTAGE-LINE PLANTS. REINHOLD RÜDENBERG, Berlin-Charlottenburg, and KARL KUBDA, Nuremberg, Germany, assignors to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed May 6, 1922, Serial No. 558,936, and in Germany Sept. 10, 1921. 2 Claims. (Cl. 172—237.)

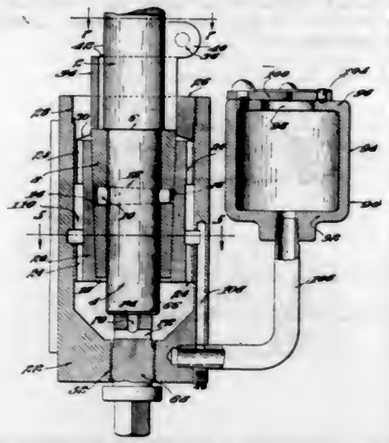


1. In combination with a high-voltage supply line system, means for absorbing the higher harmonics generated therein, comprising a higher harmonic field generator suitably connected into said line system and means for synchronously driving said generator from said line system to produce higher harmonic electromotive forces of a frequency, phase and value equal to similar forces generated in the line system.

1,625,568. BEARING. WESLEY J. SHAW, Haverhill, Mass., assignor to New England Wood Heel Co., Haverhill, Mass., a Corporation of Massachusetts. Filed Jan. 20, 1923. Serial No. 613,857. 6 Claims. (Cl. 308—732.)

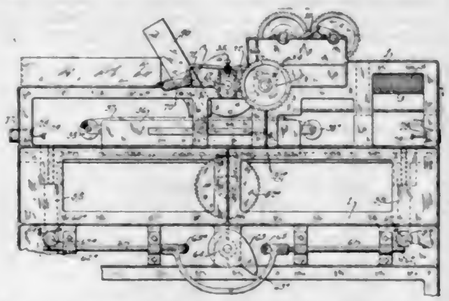
3. A device of the class described, having, in combination, an internally screw-threaded tube, a bushing in the tube having a tapered bore, an expansible annular nut threaded in the tube in contact with the bushing, an expansible collar within the annular nut, a tapered shaft

extending into the tube through the expansible collar bearing against the walls of the tapered bore, and means



for expanding the expansible collar to expand the nut into close engagement with the interior walls of the tube.

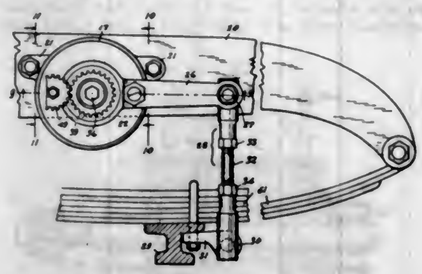
1,625,569. AUTOMATIC PRINTING PRESS. ABE J. SHICKMAN, WALTER A. THUM, and WILLIAM L. DEMPSEY, St. Louis, Mo.; said Thum and said Dempsey assignors to said Shickman. Filed Oct. 30, 1924. Serial No. 746,764. 2 Claims. (Cl. 101—55.)



1. An automatic printing press of the class described, comprising in combination, an automatic paper sheet feeding medium provided with a spring and cam-actuated means for imparting accelerated motion to a sheet of paper at the instant it is being fed to a rotatable printing roll having gripping means for securely holding in a predetermined adjusted position the sheets of paper thus accelerated, a reciprocating form-carrying frame adapted to rest for a period of time at each end of its inward and outward movement, automatic means for elevating said form-carrying frame during one of said periods of rest, means for rigidly holding said form-carrying frame in an elevated position during one full stroke, means for depressing said form-carrying, reciprocating frame during each alternate stroke of said frame.

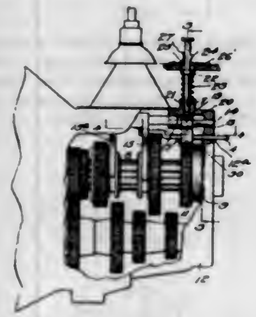
1,625,570. SHOCK-ABSORBING DEVICE. BENJAMIN F. SHIELDS, CHARLES G. CROMBIE, and GEORGE A. WINDELL, Seattle, Wash. Filed May 15, 1923. Serial No. 639,083. 23 Claims. (Cl. 188—130.)

1. A shock absorber embodying a mounting member; a rotary member operatively disposed in said mounting member; a brake shoe operatively mounted between said mounting and said rotary members; a cam pin which actuates said brake shoe, said mounting and rotary members forming a housing and completely enclosing said shoe and pin; gear means fixedly mounted on said cam



pin; and gear means, intermeshing with said pin gear means, fixedly mounted upon and borne by said mounting member, whereby relative movement between said mounting and rotary members may be imparted to said cam pin.

1,625,571. STOP FOR ROTATING PARTS. EDWARD M. SHINKLE, U. S. Army, Honolulu, Territory of Hawaii. Filed June 15, 1926. Serial No. 116,214. 13 Claims. (Cl. 192—4.)

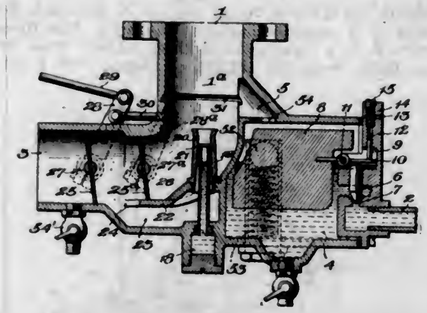


2. In a device of the character described, the combination with a rotating element, of a double ended pawl member pivotally mounted adjacent the said element, means on said element adapted to be engaged by either end of said pawl, means carried by said pawl for rotating the same in an opposite direction to the rotation of said element, and means for positively positioning said pawl to prevent revolution of said element in one direction.

1,625,572. CARBURETOR. WARD T. SIMPSON, Detroit, Mich., assignor, by mesne assignments, to Albert G. Dickinson, Grand Rapids, Mich. Filed Sept. 4, 1918. Serial No. 252,559. 1 Claim. (Cl. 261—46.)

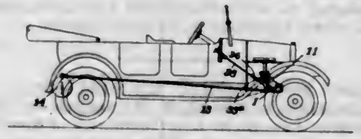
In combination in a carburetor, a housing, a mixing chamber, a fuel chamber closed to atmosphere and in open communication with the mixing chamber in order to subject the fuel chamber to the vacuum created by the engine to draw thereinto fuel from a main supply at a lower level than the carburetor, and an ejector for delivering fuel to the mixing chamber and capable of such delivery against the vacuum existing in the fuel chamber, said ejector having a central fuel tube and a primary air tube, said fuel tube being confined closely throughout a considerable portion of its length within the primary air tube which extends slightly beyond the fuel tube and which has its inside bore slightly tapered toward its upper end, the passage between fuel tube and

its surrounding tube contributing to the primary air a high velocity and confining it close against the wall of the fuel tube throughout that portion of said fuel tube which is coextensive with the said primary air tube, and the space between the primary air tube and the housing



forming a secondary air passage, the form of both passages being such that air rushing through them induces cones of intense depression over the fuel tube, and two anterior throttle valves operating in seriatim order to control air to the primary and secondary air passages, substantially as described.

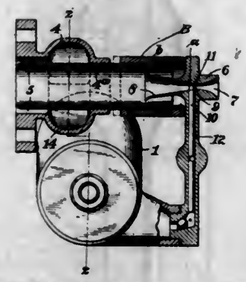
1,625,573. CARBURETOR. WARD T. SIMPSON, Ann Arbor, Mich., assignor, by mesne assignments, to Albert G. Dickinson, Grand Rapids, Mich. Filed Oct. 21, 1920. Serial No. 418,417. 14 Claims. (Cl. 261—72.)



1. A fuel supply system for internal combustion engines, comprising a fuel chamber to receive fuel from a lower level tank, a float valve controlling said supply, a mixing chamber in communication at one end with the engine intake, a fuel ejector extending into the other end of the mixing chamber and connected with the fuel chamber, said fuel chamber having communication above its fuel level with the engine intake to be subjected to the vacuum depression of the engine intake, a valve seat arranged opposite and spaced apart from the end of the mixing chamber where the ejector is located to leave an annular air inlet space, and a sleeve valve movable in relation to said mixing chamber from its closed position against said seat, said ejector, mixing chamber, engine intake, and valve being axially in line, and the air tube of said ejector having an outwardly flaring upper end to make a restricted space between itself and the mixing chamber wall, in order to give greater velocity to the secondary air, thus intensifying the degree of vacuum induced by same over the fuel tube, substantially as described.

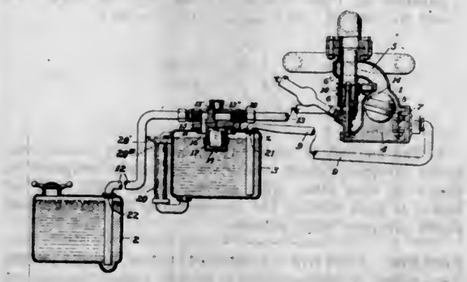
1,625,574. CARBURETOR. WARD T. SIMPSON, Grand Rapids, Mich., assignor, by mesne assignments, to Albert G. Dickinson, Grand Rapids, Mich. Filed Oct. 21, 1920, Serial No. 418,422. Renewed Feb. 2, 1927. 2 Claims. (Cl. 261—64.)

1. In a carburetor, the combination of a fuel bowl having an upward extension with a tube extending horizontally through said extension, supported by the wall thereof and forming between itself and a part of said extension a surrounding chamber 4 and with a restricted annular passage 5, a ring shaped throttle valve slidably mounted on the extension of said horizontal tube, a bracket extending from the lower part of the fuel bowl upwardly and having a seat portion opposite the said



horizontal tube and serving as a seat for the ring shaped throttle valve, a nozzle extending from said seat portion into the horizontal tube, said nozzle having its central opening continued through the seat portion, and an oil supply conduit extending through the bracket and discharging into the nozzle, substantially as described.

1,625,575. CARBURETOR AND FUEL-FEEDING SYSTEM THEREFOR. WARD T. SIMPSON, Ann Arbor, Mich., assignor, by mesne assignments, to Albert G. Dickinson, Grand Rapids, Mich. Filed Oct. 21, 1920. Serial No. 418,423. Renewed Mar. 16, 1925. 5 Claims. (Cl. 158—36.1.)

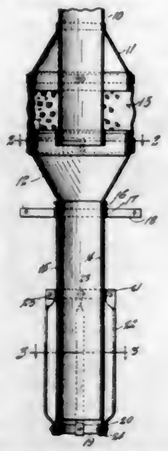


1. In combination in a fuel feed system for automobiles, a carburetor of the vacuum feed type having its fuel chamber subjected to the vacuum depression from the manifold, a main fuel tank, a tank intermediate the main tank and the carburetor, a pipe for supplying fuel from the main tank to the intermediate tank, a pipe extending from the lower part of the intermediate tank to the fuel chamber of the carburetor, a float valve in the fuel chamber controlling the inlet from the said last mentioned pipe, a second pipe connected with the carburetor at a point where there is less vacuum than in the fuel chamber, and with the intermediate tank through a port at the top of the latter whereby there will be a preponderance of vacuum depression in the fuel chamber in respect to that in the intermediate tank and a float valve controlling said port, for cutting off communication between the said intermediate tank and the carburetor through said port, substantially as described.

1,625,576. TELESCOPING SUCTION PIPE. GROVER C. STACY, Dallas, Tex. Filed Mar. 9, 1926. Serial No. 93,430. 2 Claims. (Cl. 193—30.)

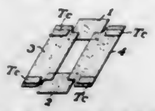
1. In an elevator telescope, a depending pipe, a sleeve telescoping on the pipe, a stop ring at the upper end of the pipe receiving the thrust of the sleeve, a reinforcing

member in the lower end of the sleeve, a supporting ring surrounding the sleeve, guard bars having their upper ends secured to the supporting ring and offset from



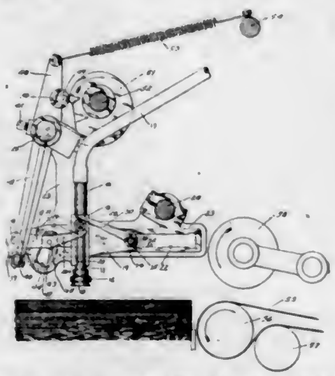
the sleeve, and stirrups on the lower ends of the bars engaging around the lower end of the sleeve and the reinforcing member therein.

1,625,577. METHOD OF ASSEMBLING, TABBING, AND APPLYING COMPOSITE BOX WRAPPERS. JOHN S. STOKES, Huntington Valley, Pa., assignor to Stokes and Smith Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Feb. 18, 1926. Serial No. 89,127. 20 Claims. (Cl. 93—36.)



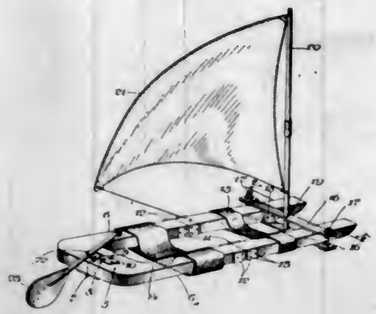
1. The method of preparing an adhesively coated composite wrapper, which comprises attaching wrapper elements to each other with adhesive, and while said adhesive is fluid coating the box-engaging face of the composite wrapper with adhesive.

1,625,578. SUCTION SHEET-PICK-UP MECHANISM. CHARLES W. TREMPER, New Haven, Conn., assignor, by mesne assignments, to The Tremper-Shields Company, New Haven, Conn., a Corporation of Connecticut. Filed Nov. 6, 1926. Serial No. 146,689. 12 Claims. (Cl. 271—26.)



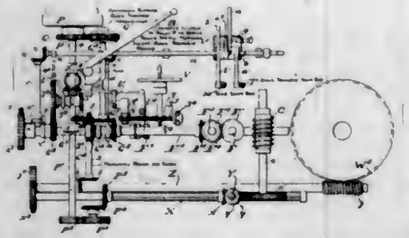
1. A sheet-pick-up mechanism, having a plurality of suction pick-up members, and yielding means for depressing such members into engagement with the sheet and for thereafter counteracting the lifting action of the suction, whereby the lifting and canting of the sheet by suction is prevented.

1,625,579. BATHING BOAT. PHILIP N. WALTERS, New York, N. Y., assignor to Gaco Corporation, East Greenwich, R. I., a Corporation of Rhode Island. Filed July 14, 1926. Serial No. 122,297. 5 Claims. (Cl. 9—21.)



5. A bathing boat comprising a substantially U-shaped buoyant body composed of a sectional transverse stern member and sectional elongated side members extending therefrom, a hinge connection on the under side of the adjoining ends of the stern sections, a pair of hinge leaves on the upper side of the stern member at the adjoining ends of its sections, a detachable pin for said leaves, hinge connections on the inner sides of the adjoining ends of the respective side sections, flexible material loosely connecting the side members, and a rigid tie connection for the forward sections of the side members.

1,625,580. SPUR-HOBBING MACHINE. WILLIAM F. ZIMMERMANN, Maplewood, N. J., assignor to Gould & Eberhardt, Newark, N. J., a Corporation of New Jersey. Filed Aug. 27, 1924. Serial No. 734,487. 24 Claims. (Cl. 90—4.)

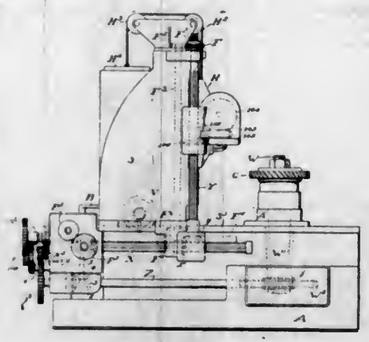


1. A hobber combining a head; a quick-transverse mechanism; a manual control normally available for causing said mechanism quickly to transverse said head in either of two opposite directions; and an interlock positionable by said head when adjacent a predetermined zone to prevent said control from being so actuated as to cause said head to enter said zone at a quick traverse rate.

1,625,581. FIXED-ANGLE HELICAL-GEAR HOBBER. WILLIAM F. ZIMMERMANN, Maplewood, N. J., assignor to Gould & Eberhardt, Newark, N. J., a Corporation of New Jersey. Filed Jan. 23, 1925. Serial No. 4,207. 27 Claims. (Cl. 90—4.)

1. A balanced-drive hobbing-machine comprising a bed; a relatively heavy stanchion shiftably supported thereon;

a work-supporting spindle non-shiftably journaled in said bed near one end thereof; an intermediate splined shaft and a parallel transmission shaft, each journaled on said bed transversely to said spindle; two pairs of spur change-gears connecting said two shafts; a splined transmission shaft journaled on said stanchion parallel with said spindle; a head slidable on said stanchion; a hob-supporting spindle on said head, said hob-spindle being inclined at a major angle of about a third to an eighth



of a quadrant; means for effecting a minor adjustment of a few degrees of said major angle; two pairs of angle-gears connecting said hob-spindle with said splined transmission shaft, one of said angle-gears being splined to said shaft; a pair of angle-gears connecting said shaft to said intermediate shaft, one of said gears being splined to said intermediate shaft; and a pair of angle gears connecting said parallel transmission shaft with said non-shiftable work-spindle.

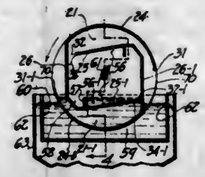
1,625,582. FLEXIBLE HOLLOW ARTICLES AND METHOD OF MAKING THE SAME. ARVID E. ANDERSON, Chicago, Ill., assignor to Airubber Corporation, Chicago, Ill., a Corporation of Illinois. Filed Nov. 10, 1924. Serial No. 748,881. 20 Claims. (Cl. 154—2.)



4. The method of making hollow articles, which consists in cutting sheets having faces of unvulcanized rubber to blanks of the desired size and shape, placing said blanks with their rubber faces face to face, and applying a vulcanizing heat to the blanks and simultaneously applying pressure to the exteriors of the blanks along the peripheries thereof and compressing the rubber faces and uniting the same in a vulcanized joint of less thickness than the combined thickness of the two blanks around the periphery of the article and along the line of pressure applied thereto, said pressure extruding rubber of each face in a fillet extending along the inner edge of the peripheral joint.

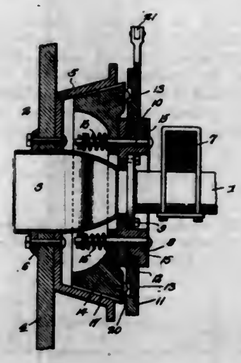
1,625,583. FLOW METER. CHARLES M. ANDERSON, Salt Lake City, Utah. Filed Sept. 1, 1926. Serial No. 133,069. 12 Claims. (Cl. 73—37.)

1. A flow meter comprising a rotor having measuring buckets spaced around the axis thereof, a walled liquid supply compartment arranged longitudinally adjacent said buckets, means for conducting liquid from said compartment to said buckets, and balancing pockets arranged



to retard the action of said rotor each time a measuring bucket registers with the level of a liquid flowing through the said rotor.

1,625,584. BRAKE. MERVYN FRANCIS ANDERSON and THEODORE FAUROT CLARK, Hoboken, N. J. Filed Feb. 5, 1926. Serial No. 86,272. 3 Claims. (Cl. 188—71.)



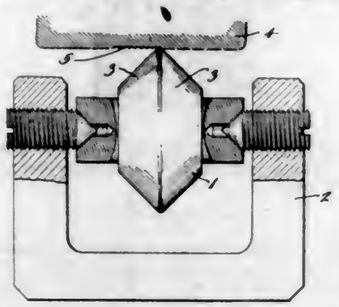
1. In a brake and in combination, a tapered female member for connection to a rotary element, an anchor member having a circumferential groove the bottom of which is stepped, a tapered male member held against turning and movable laterally with respect to the anchor member and having rounded protuberances at its side remote from the female member, spring means for moving the male member in a direction away from the female member, and an annular turnable thrust member arranged in the circumferential groove of the anchor member and having its inner edge stepped and also having in its face confronting the male member grooves for cooperation with said protuberances; the said tapered male member having on its perimeter diagonal spaced strips of brake lining.

1,625,585. CORE FOR SPOOLS, REELS, BOBBINS, AND THE LIKE. HARRY W. ARCHER, New Haven, Conn., assignor to The Acme Wire Co., New Haven, Conn., a Corporation. Filed Feb. 15, 1926. Serial No. 88,261. 4 Claims. (Cl. 242—68.)



1. As a new article of manufacture, a skeleton core for spools, reels, and the like, comprising a substantially-tubular arbor-receiving body provided with integral diverging longitudinally-disposed spool-supporting vanes separated one from the other throughout their length by open spaces.

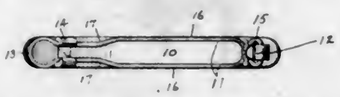
1,625,586. METHOD AND APPARATUS FOR PRODUCING FILMS FOR COLOR PHOTOGRAPHY. JEAN AUDIBERT, Villeurbanne, France, assignor to The Corporation Société des Films en Couleur Keller Dorain of France. Filed Dec. 9, 1926, Serial No. 153,689, and in France Dec. 4, 1925. 6 Claims. (Cl. 41—25.)



3. The method of embossing plastic materials which comprises rolling a tool having a polished working surface over a polished cylinder, and rolling the polished cylinder over the plastic material.

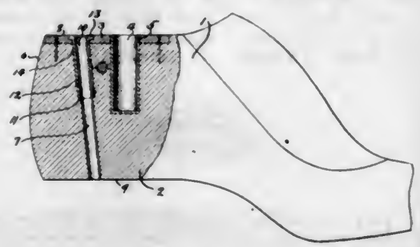
5. A film suitable for use in color photography, comprising a transparent base provided on one side with a series of contiguous lenticular refracting ridges disposed at an angle to the axis of the film.

1,625,587. BARRETTE. WILLIAM T. BATTLE, Providence, R. I., assignor to George F. Berkander, Providence, R. I. Filed Mar. 31, 1925. Serial No. 19,586. 1 Claim. (Cl. 132—48.)



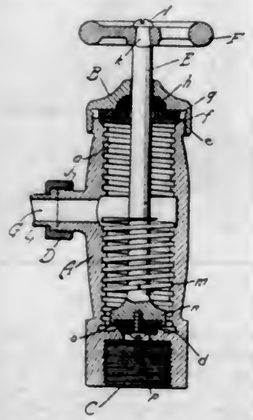
A barrette comprising a body member, a catch thereon having a receptive opening consisting of angularly disposed side walls and a locking seat consisting of a rounded base and side walls, disposed substantially at right angles to the side walls of the receptive opening, and a resilient pin comprising an endless wire loop hingedly connected to the said body member and having substantially parallel side members, the free end of the said loop being tempered whereby it may be forced inside of and released from the interior of the said catch on the body member.

1,625,588. LAST. WILLIAM P. BECKER, Pelham, N. Y., assignor to The New York Last Company, New York, N. Y., a Corporation of New York. Filed Feb. 19, 1926. Serial No. 89,288. 1 Claim. (Cl. 12—139.)



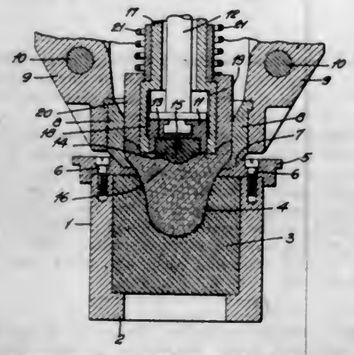
A last comprising a wooden heel structure, said heel being provided with a bore extending vertically thereof from the upper face thereof to and through the lower or bottom face, an internal shoulder in said bore intermediate the ends thereof, a resilient pad on the upper face of said last, and a headed metal ferrule lying in said bore and provided with integral means for preventing withdrawal, the lower end of the ferrule terminating short of the bottom face of the last and abutting said shoulder, the head resting upon and being set into said pad.

1,625,589. SILENCER OR FLOW REGULATOR FOR VALVES, FAUCETS, AND THE LIKE. RALPH E. BLETCHER and ERNEST H. BUCKNELL, Los Angeles, Calif. Filed Jan. 25, 1926. Serial No. 83,591. 3 Claims. (Cl. 251—35.)



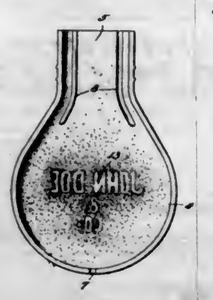
3. In a device of the character described, a body member provided with an inlet port and an outlet port, a deep threaded member therein threadedly engaging said body member and provided with a valve head on one end, and external means for actuating said member for retarding and accelerating the flow of liquid through said device and for completely closing the said inlet port; said threaded member being adapted for the flow of liquid through a circuitous path formed by its thread.

1,625,590. APPARATUS FOR SHAPING GLASSWARE. ROBERT W. CANFIELD, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed June 26, 1926. Serial No. 118,743. 7 Claims. (Cl. 49—35.)



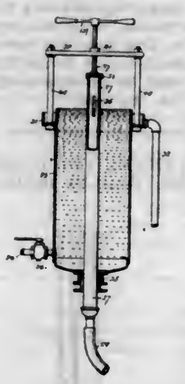
1. A press mold for making glass blanks for paste-mold glassware, comprising a mold body of carbon material having sufficient thermal conductivity to mold molten glass without sticking thereto.

1,625,591. MASK FOR ELECTRIC-LIGHT BULBS. EARL G. CHASE, Smethport, Pa. Filed Mar. 3, 1926. Serial No. 92,041. 3 Claims. (Cl. 240—48.6.)



1. A mask for electric light bulbs, of a size to leave a space between the bulb and mask for the circulation of air, and comprising complemental longitudinal sections including body and neck portions, and having inner grooves forming passage ways in the neck portion projecting beyond the shoulder between the body and neck for the escape of heated air from the space formed between the body portion of the bulb and mask.

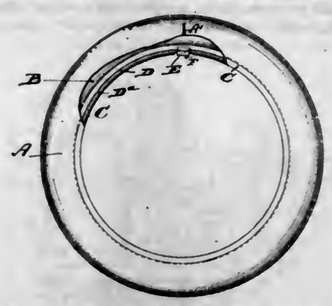
1,625,592. LIQUID-MIXING APPARATUS. ELLSWORTH THOMAS CONANT and LAURENCE SORENSON MCLANE, Honomu, Territory of Hawaii. Filed Dec. 1, 1924. Serial No. 753,401. 3 Claims. (Cl. 137—21.)



1. In an apparatus of the character described, a container having an open top to permit the free overflow of liquid therefrom, means to maintain a supply of liquid to the container and maintain a constant overflow, a discharge pipe from said container, said discharge pipe having a vertically disposed opening, and means to vertically adjust the discharge pipe to submerge more or less of said opening.

1,625,593. TIRE COVER. LESTER H. CROSS, Detroit, Mich., assignor to C. M. Smillie & Company, Detroit, Mich., a Corporation of Michigan. Filed Nov. 19, 1926. Serial No. 149,320. 4 Claims. (Cl. 150—54.)

1. In a device of the character described, a tire cover; a coiled spring having its ends connected together to form a ring lodged in a hem of the cover; a rod housed within the spring ring having one end only attached to the spring; means adapted to engage said rod, whereby upon



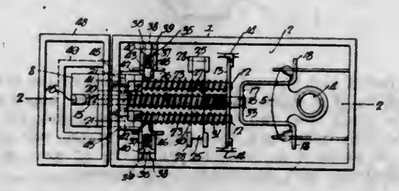
distending the spring to open the cover the spring may be held distended by the rod while engaged by said means until manually released.

1,625,594. BOTTLE CLOSURE. HARRY DE WALLACE, Syracuse, N. Y., assignor to Wallace M. Weeks and John A. Pease, Skaneateles, N. Y. Filed Aug. 16, 1926. Serial No. 129,569. 3 Claims. (Cl. 215—38.)



1. A bottle closure comprising a disk having a thick stiff central portion and having a portion beyond the central portion compressed to a degree to provide a thin pliable member which is curved to engage over the bead of a bottle mouth and which is integral with the central portion, said member being bent upwardly at its inner side to abut the periphery of the thick stiff central portion so as to receive support therefrom.

1,625,595. LOCK AND LATCH. OSCAR A. EASTLACK, Camden, N. J. Filed Nov. 28, 1921. Serial No. 518,192. 8 Claims. (Cl. 70—29.)

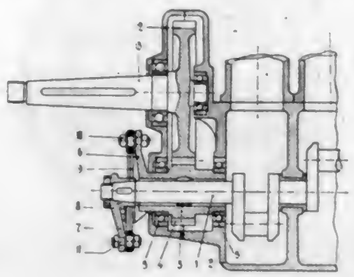


1. The combination with a casing of a bolt slidable therein and adapted in an advanced position to project beyond the side of said casing, a single retracting element slidable within said bolt in a direction coincident with the movement of said bolt and normally projecting beyond the face of said bolt, means for limiting the relative movement between the retracting element and the bolt, and means engaging said retracting element for effecting initial relative movement between the retracting element and the bolt and subsequent concurrent movement of the retracting element and the bolt, to effect retraction of the bolt to a position within the casing.

1,625,596. SPEED REDUCER FOR INTERNAL-COMBUSTION ENGINES. GUIDO FORNACA, Turin, Italy. Filed Aug. 13, 1924, Serial No. 731,852, and in Italy Aug. 23, 1923. 1 Claim. (Cl. 74—7.)

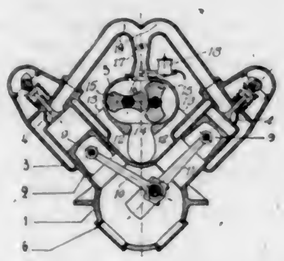
In a speed reducing mechanism, the combination with a casing, of driving and driven shafts projecting out-

wardly from the casing, a hollow counter-shaft mounted concentrically to the driving shaft, an antifriction bearing for the counter shaft, a spherical journal supporting the driving shaft within the counter shaft, radial arms



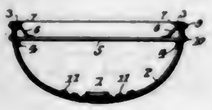
fixed on the outer end of the driving shaft, radial arms fixed on the counter shaft, and a flexible member connecting the arms of one shaft to the arm of the other shaft.

1,625,597. FORCED-FEED INTERNAL-COMBUSTION ENGINE. GUIDO FORNACA, Turin, Italy. Filed Dec. 18, 1924, Serial No. 756,762, and in Italy Dec. 22, 1923. 1 Claim. (Cl. 123—55.)



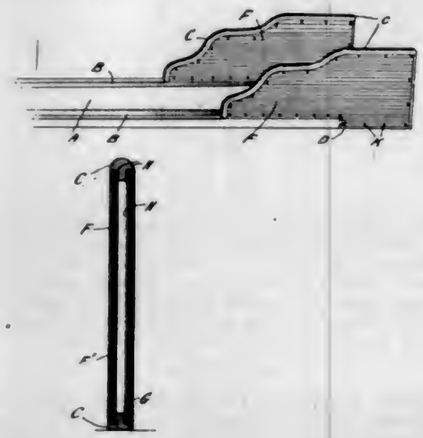
A forced feed internal combustion engine of the V-type consisting of a single casting comprising the upper part of the crank case, two cylinders, and the casing for the forced feed compressor arranged between the two cylinders to which it is connected by means of webs which constitute air inlet conduits to the compressor.

1,625,598. ALUMINUM BOAT. FRED L. FRIET and JOSEPH FRIET, Parkers Prairie, Minn. Filed Oct. 14, 1926. Serial No. 141,601. 2 Claims. (Cl. 9—6.)



1. A boat structure comprising a hull, ribs disposed transversely thereof in spaced relation, gunwale strips applied to the inner surfaces of the ribs and disposed longitudinally of the hull below the edges thereof, a seat board resting at its ends upon the gunwale strips and having end edges bearing against the inner surfaces of the ribs and outer gunwale strips applied to the exterior surface of the hull and disposed longitudinally thereof, and opposite the ends of the seat board.

1,625,599. KICK BACK FOR BOWLING ALLEYS. FREDERICK GESSERT, Jamaica, N. Y. Filed Jan. 8, 1927. Serial No. 159,821. 9 Claims. (Cl. 273—54.)



2. In a bowling alley, a kick-back comprising a supporting frame, provided with parallel faces on opposite sides thereof for supporting kick-back boards for adjacent alleys, kick-back boards, both surfaces of which are adapted for use as kick-back, and means for removably securing said kickback boards to the frame, the arrangement being such that by interchanging the boards both surfaces thereof may be used.

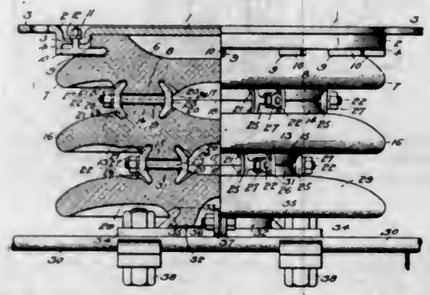
1,625,600. WHIPSTOCK. FRED I. GETTY, Jennings, La. Filed Apr. 6, 1926. Serial No. 100,112. 6 Claims. (Cl. 255—1.)



1. A whipstock comprising an elongated body adapted to be rigidly seated in a well casing, said body comprising

a tapered portion, a concave surface carried by said tapered portion extending substantially from side to side of the interior of the casing when the tool is seated therein, said surface terminating at its lower end in an abrupt outward curve whereby to maintain contact with the cutting tool.

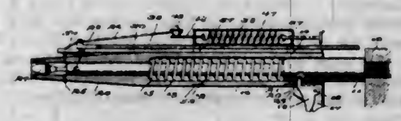
1,625,601. INSULATOR. WALTER T. GODDARD, Hamilton, Ontario, Canada, assignor to Locke Insulator Corporation, Baltimore, Md., a Corporation of Maryland. Filed Oct. 1, 1921. Serial No. 504,666. 8 Claims. (Cl. 173—318.)



4. Means for securing together a plurality of superposed insulator sections, comprising radially extending bolt members recessed into the contacting faces of the sections and having angularly disposed fingers at their inner ends anchored within the sections, retaining elements carried by said bolts anchored within the outer peripheries of the sections, and nuts on the outer ends of the bolts engaging said retaining elements.

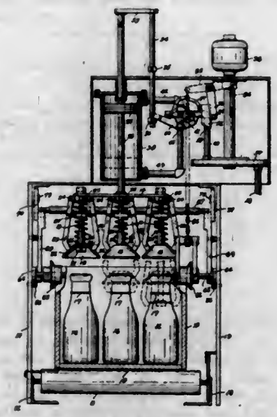
7. In a high tension insulator, a metallic supporting section provided with an annular hub portion having a series of openings in the web of the hub, a disk-shaped section of insulating material provided with a series of radial openings engaging the supporting section within the annulus of the hub portion, and angular clamping members secured to the metallic member through the openings therein and having portions engaging within the openings in said insulating section to secure such sections together.

1,625,602. SURGICAL APPLIANCE. HAROLD G. GOULD and KYLE DIRIAS OSENSHAIN, McKinney, Tex. Filed Apr. 6, 1926. Serial No. 100,131. 18 Claims. (Cl. 128—326.)



1. A surgical appliance for tying ligatures, comprising a barrel, means slidably mounted in the barrel for clamping a tissue, means for holding a loose slip knot in embracing relation with the clamping means, means for removing the slip knot from the holding means and in embracing relation with the tissue, and means for drawing the knot up tight on said tissue.

1,625,603. CUTTER FOR MILK-BOTTLE SEAL RINGS. ALFRED C. GRISCOM, Sandy Hook, Conn., assignor to King Sanitary Pipe Cleaner Company, Sandy Hook, Conn., a Corporation of Connecticut. Filed Sept. 21, 1926. Serial No. 136,783. 18 Claims. (Cl. 140—144.)



1. In a cutter for milk bottle seal rings, a conveyor for crates carrying a plurality of bottles, a cutter for the ring of each bottle, and means controlled by the crate for moving the cutters to cut the rings.

1,625,604. METHOD FOR CONSTRUCTING COUPLINGS FOR RHEOSTATS AND THE LIKE. FREDERICK C. HERSEE, Watertown, Mass. Filed Mar. 10, 1923. Serial No. 624,215. 2 Claims. (Cl. 204—8.)

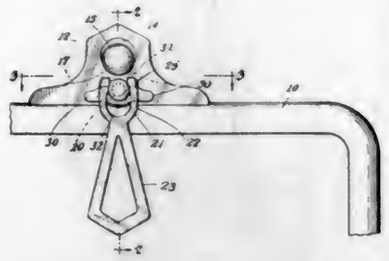


1. The method of constructing an electrical coupling comprising a lead wire and a cap nut molecularly united therewith, consisting of the provision of a master stem having an exteriorly threaded portion with a recess in one end thereof to receive a portion of the lead wire, the application of a protective coating to the exposed surface of the master stem for preventing molecular union of an electrodeposit therewith, and forming a cap nut by electro-deposit to enclose the said threaded portion of the master stem and a portion of the lead wire, said cap nut and lead wire being thereby constituted a unitary assembly for detachable association with a support.

1,625,605. BAG-FRAME FASTENER. WILLIAM C. HIERING, Newark, N. J., and EMIL J. WALTER, New York, N. Y., assignors to J. E. Mergott Co., Newark, N. J., a Corporation of Delaware. Filed July 31, 1924. Serial No. 729,234. 1 Claim. (Cl. 292—89.)

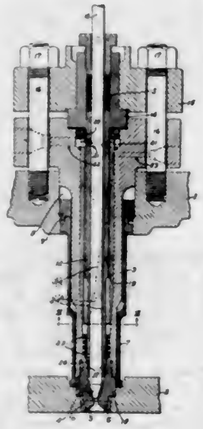
A combined catch and latch for bags, comprising in combination with a pair of hinged frames, of a raised flat plate secured at its edge to one of said frames, said plate containing a circular opening in its upper part, a second plate secured to the other frame parallel to the first plate, said second plate having a recess in its lower portion, a spherical knob on the second plate adapted to

be sprung through the opening in the first plate, a headed stem rotatable transversely in the first plate, a collar fixed on said stem, a channelled support embracing the first named plate, said support having an opening to guide said collar, a flat spring bowed outwardly to extend interjacent the head of said stem and support, stops on said



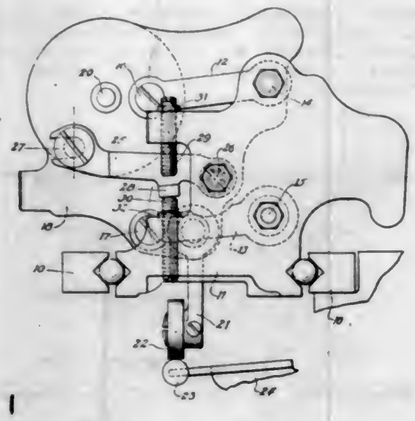
spring to positively limit inward movement of the stem, a flattened bail on said stem adapted to pass through the recess in the second plate when in one position and engage the outer surface of the plate when said stem is rotated into another position, and a handle pivoted in the head of said stem whereby it may be rotated.

1,625,606. FUEL INJECTOR FOR INTERNAL-COMBUSTION ENGINES. REINHARD HILDEBRAND, Webster Groves, Mo., assignor to Fulton Iron Works Company, St. Louis, Mo., a Corporation of Delaware. Filed Mar. 22, 1923. Serial No. 626,855. 2 Claims. (Cl. 128—33.)



1. In a fuel injector for internal combustion engines, a tubular housing having a fuel inlet, an air inlet and an outlet for the discharge of air and liquid fuel, a tube surrounded by and closely fitted to the inner face of said housing, said tube having a tapered end engaging a correspondingly tapered portion of said housing, a valve extending through said tube and seated in said outlet to control the discharge therefrom, said air inlet being in communication with said tube to provide for the delivery of compressed air therethrough, the outer face of said tube having a channel communicating with said fuel inlet and provided with discharge branches in said tapered end, and said discharge branches being directed toward said outlet to provide for the discharge of streams of liquid fuel in approximately the direction of flow of the compressed air.

1,625,607. LIMIT STOP FOR SHIFTABLE PLATENS. OTTO A. HOKANSON, Woodstock, Ill., assignor to Woodstock Typewriter Company, Woodstock, Ill., a Corporation of Illinois. Filed Apr. 28, 1923. Serial No. 635,273. 6 Claims. (Cl. 197—81.)



1. A typewriter having a member mounted thereon for case shift movement, a stop for limiting the movement of said member, lever mechanism for connecting said stop with said member and arranged to impart a reduced movement to said stop, and spaced abutment members for limiting the movement of said stop.

1,625,608. COMPOSITION FOR KILLING CERTAIN WEEDS. ROY T. HOLMES, Athens, Ga. Filed Oct. 6, 1924. Serial No. 742,071. 2 Claims. (Cl. 167—6.)

2. An exterminator for noxious weeds comprising an aqueous solution of sulphate of ammonium.

1,625,609. LINK BELTING. HENRY A. HOUSE, Bridgeport, Conn. Filed Feb. 8, 1924. Serial No. 691,331. 5 Claims. (Cl. 74—64.)

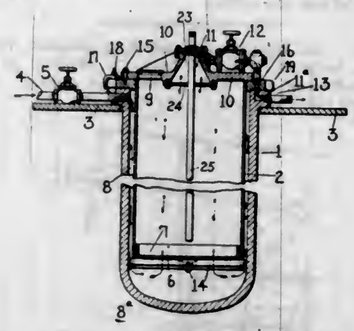


1. A link belting comprising friction sections, sheet metal plates, each plate at its opposite ends being bent outwardly upon itself and longitudinally slotted to provide a plurality of loops therein, spaced from each other transversally of the plates, the ends of the plates having extended prongs adapted to pass through the plate and connect the loops with the friction sections of the belting, the loops on one link adapted for interfitting engagement in the spaces between the loops in the adjacent link plate and rods extending through the loops.

1,625,610. METHOD OF FURNACING IN THERMO-CHEMICAL TREATMENT AND APPARATUS THEREFOR. CHARLES B. JACOBS, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Feb. 24, 1921. Serial No. 447,592. 12 Claims. (Cl. 23—79.)

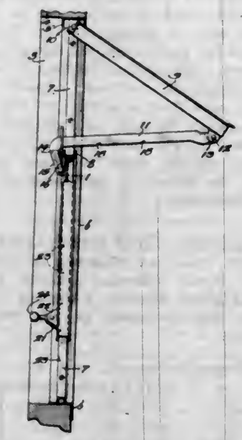
1. The method of furnacing, in the art of carrying on synthetic reactions by the thermo-chemical treatment by

the batch method of charges which shrink during treatment, which comprises, carrying on the treatment of a batch until a substantial shrinkage has occurred, adding



to the batch an augmenting charge at a time substantially prior to the completion of the treatment of the original batch, and treating the augmented batch until completion.

1,625,611. WINDOW. ARTHUR A. JAHR, Forest Park, Ill., assignor of one-half to August E. Schultz, Chicago, Ill. Filed Sept. 20, 1926. Serial No. 136,602. 14 Claims. (Cl. 189—66.)



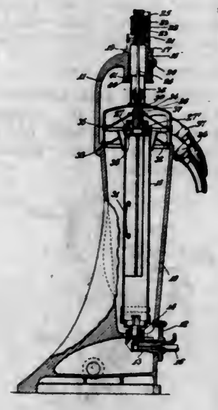
1. The combination with a window having two sashes, one mounted to slide along the window frame and the other mounted to swing; of a link attached to the second sash and adjustably connected therealong with the first sash whereby the effective length of the link is adjustable to regulate the angularity of the sashes.

1,625,612. FASTENING DEVICE. CARL C. JENSEN, Chicago, Ill. Filed Apr. 5, 1926. Serial No. 99,785. 4 Claims. (Cl. 20—92.)



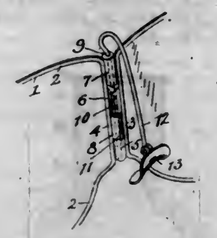
1. In combination with a pair of members to be joined, said members having mortises in their meeting ends of a fastening device comprising a pair of fastening elements, one fixedly secured in each mortise, said fastening elements having interlocking knuckles concealed within the members to be joined and a pin inserted through said interlocking knuckles to join said members and removable from said knuckles without relative movement between said members, said pin and knuckles co-operating to hold said members against relative movement without additional connections.

1,625,613. CENTRIFUGAL MACHINE. LEO D. JONES and ARTHUR U. AYRES, Philadelphia, Pa., assignors to The Sharples Specialty Company, Philadelphia, Pa., a Corporation of Delaware. Filed Apr. 15, 1926. Serial No. 102,156. 26 Claims. (Cl. 233—13.)



1. In a centrifugal machine, a casing, a bowl mounted in said casing, means to suspend and rotate said bowl, a discharge compartment supported by said casing and surrounding said bowl, and means to seal off said compartment from the atmosphere.

1,625,614. SPECTACLES. LOUISE C. KING, Cleveland, Ohio. Filed Oct. 5, 1923. Serial No. 666,665. 2 Claims. (Cl. 88—41.)



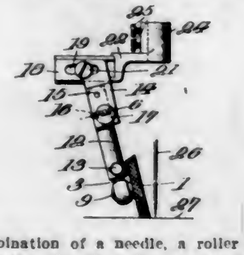
1. A device of the character described comprising a pair of closely adjoining rigid lenses each having a rim member secured to the edge thereof adjoining the other lens, interfitting hinge knuckles carried by the rim members, a hinge pin passing through the knuckles, a knuckle carried by one rim member having a shoulder engageable with the inner side of the other rim member and so positioned as to limit the inward pivotal movement of the lenses past a position in which the lenses are in alignment and a bridge carried by the hinge pin and adjustable toward and from the inner side of the hinge.

1,625,615. PLIERS. ANTHONY KUTTES, Alameda, Calif. Filed Feb. 13, 1926. Serial No. 88,001. 6 Claims. (Cl. 294—36.)



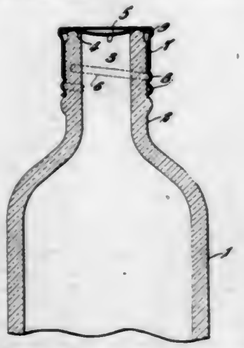
1. In a pliers, a member having a jaw portion and a handle portion, a second member pivotally secured to said first member and having a jaw portion arranged to cooperate with the jaw portion of said first member, a handle pivotally secured to said second member, and variably engageable cooperating means on said second handle and said first member adapted to cause the urging of said jaws together when said handles are urged together.

1,625,616. PRESSER FOOT FOR SEWING MACHINES. WILLIAM B. LONG, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 14, 1923. Serial No. 680,670. 10 Claims. (Cl. 112—240.)



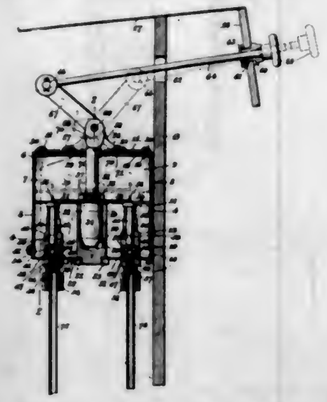
1. The combination of a needle, a roller presser foot, a supporting means for the roller presser foot including a presser bar, a bracket carried thereby, and bodily adjustable in a direction parallel with the direction of feed, a second bracket carried by said first-named bracket, and adjustable in a direction at right angles to the direction of feed, said second bracket having a depending portion, an arm pivoted to said depending portion and carrying said roller presser foot, and means for shifting said arm about this pivot and clamping said arm in adjusted positions.

1,625,617. BOTTLE CLOSURE. CLARENCE D. LUKENS, St. Louis, Mo. Filed Feb. 23, 1924. Serial No. 694,698. 3 Claims. (Cl. 215—43.)



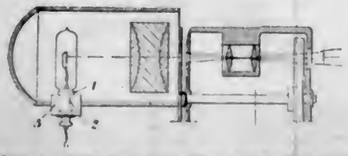
1. A bottle having the open end thereof provided with a finished rim, a cap of soft pliable and compressible metal adapted to close the open end and engage said rim, and a screw clamp adapted to apply pressure to said cap in order to firmly seat the same on said rim so that the rim will sink into the cap metal, whereby said cap is compressed and ironed on said rim to form its own gasket and seal the bottle.

1,625,618. OIL PUMP. ADOLPH W. F. MANZEL, Buffalo, N. Y., assignor to Manzel Bros. Co., Buffalo, N. Y., a Corporation of New York. Filed June 4, 1921. Serial No. 475,130. 27 Claims. (Cl. 184—27.)



27. A multiple-feed oil-pump comprising a plurality of oil-feeding devices, each oil-feeding device having a cylinder provided with an oil-inlet and an oil-outlet, and a plunger slidable in each cylinder, the plungers of said oil-feeding devices closing the oil-inlets to said cylinders when in normal position and means to move said plungers idly outwardly and then inwardly to and beyond said oil-inlets to feed oil through said outlets, the effective portions of the inward movement of certain of said plungers being greater than those of the remaining plungers and the range of movement of all of said plungers corresponding.

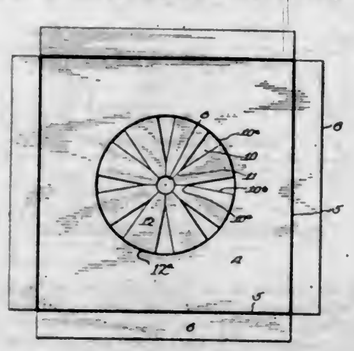
1,625,619. ELECTRIC LAMP FOR CINEMATOGRAPHIC APPARATUS. JACQUES MARETTE, Vincennes, France, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Filed Aug. 8, 1922, Serial No. 580,507, and in France Dec. 5, 1921. 1 Claim. (Cl. 176—32.)



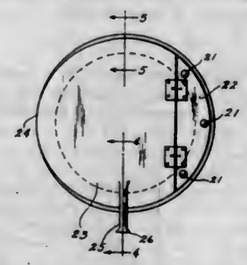
A lighting device for projection apparatus comprising an ordinary glow-lamp, a ring secured to the cap of said lamp and adapted to rest with its lower edge on the upper edge of the lamp-socket for ensuring automatically the exact position in height of the lamp filament and a lug secured on said ring extending longitudinally on said cap towards the lower part of said cap and adapted to engage into a recess provided in said lamp-socket for ensuring automatically the exact angular position of said filament.

1,625,620. PACKING UNIT FOR SHIPPING CASES. EDWARD E. MASTON, Chicago, Ill., assignor to Mid-West Box Company, Chicago, Ill., a Corporation of Indiana. Filed July 5, 1924. Serial No. 724,204. 2 Claims. (Cl. 217—27.)

1. A packing unit for shipping cases consisting of a sheet of paper board having a substantially flat portion forming a partition, and marginal spacing flanges, the central portion of the partition being provided with integral radially extending tongues, flexible relatively to said flat portion, and with inwardly convergent openings cut therethrough between said tongues to space the outer ends of the tongues from one another to facilitate the flexing of said tongues.



1,625,621. HEADLIGHT SHIELD. EDWARD C. NEUENDORF, Wyandotte, Mich. Filed Apr. 9, 1924. Serial No. 705,156. 1 Claim. (Cl. 240—45.6.)

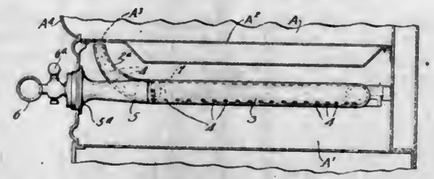


In combination with a vehicle headlight, adapted for use with a vehicle, and provided with a rim mounted thereon; a segment mounted on the face of said rim and adapted to project inwardly slightly of the opening of the same, the straight edge of said segment extending vertically; a shield hingedly mounted on the straight edge of said segment, the central portion of the free side of said shield being bulged outwardly to project slightly beyond the edge of said rim, said bulge being gradual throughout the major portion of said shield for distributing the major weight thereof uniformly over its area; a stud projecting downwardly from one side of said shield substantially diametrically thereof; and means cooperatively connected to said stud for swinging said shield on its point of attachment as a pivot for deflecting, at will, in a direction away from said segment, the light rays emanating from said headlight said shield when moved to closed position forming with said segment a slightly bulged circular disc.

1,625,622. MANUFACTURE OF A SUBSTITUTE FOR TURPENTINE. LELAND L. ODOM, Little Rock, Ark., assignor to M-O-R Products Company, Little Rock, Ark., a Copartnership consisting of C. C. Monger, L. L. Odom, and J. D. Reynolds. Filed Mar. 18, 1924. Serial No. 700,178. 5 Claims. (Cl. 134—56.)

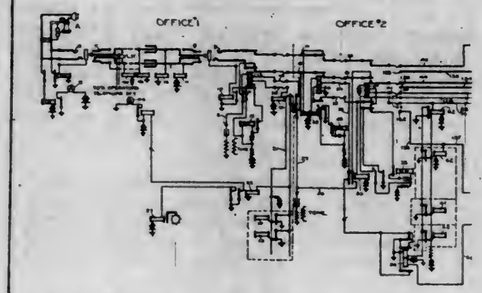
2. A turpentine substitute comprising the recovered distillate of a mixture of resin, lime, and a distillate of petroleum.

1,625,623. GAS-STOVE BURNER. HENRY W. O'DOWD, Jersey City, N. J., assignor, by mesne assignments, to Standard Gas Equipment Corporation, Baltimore, Md., a Corporation of Maryland. Filed Sept. 21, 1922. Serial No. 589,517. 8 Claims. (Cl. 158—99.)



1. In or for a gas stove, the combination of a substantially U-shaped burner tube, and a mixing tube connected directly to the base portion of said burner tube and communicating therethrough with both of its branch portions, one of said branch portions being provided at its free end with an offset lighting extension.

1,625,624. CALL-DISTRIBUTING SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 31, 1920. Serial No. 370,142. 10 Claims. (Cl. 179—27.)



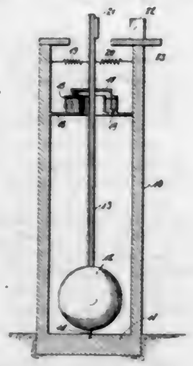
3. In an automatic telephone system, a plurality of incoming lines, a plurality of primary trunks terminating in said primary trunk selecting switches, means for characterizing unselectable primary trunks by the absence of potential and for characterizing selectable trunks by the presence of potential, means for operating a primary trunk selecting switch of an incoming line to select a primary trunk characterized by the presence of potential, a secondary trunk selecting switch for each primary trunk, secondary trunks terminating in said secondary switches, means for operating the secondary switch of the selected trunk to seize an idle secondary trunk and means for preventing the selection of a primary trunk when all the secondary trunks are in an unselectable condition.

10. In a telephone system, incoming lines, a plurality of operators' positions, means including automatic switches for extending said incoming lines to said operators' positions, a plurality of recording devices at each operator's position, means for rendering an operator's position unselectable, two releasing means for rendering said operator's position selectable, and means including said recording devices for determining which releasing means has been employed.

1,625,625. SEISMOGRAPH. NORMAN H. RICKER, Houston, Tex., assignor to Humble Oil and Refining Company, Houston, Tex., a Corporation of Texas. Filed Dec. 11, 1924. Serial No. 755,290. 6 Claims. (Cl. 88—14.)

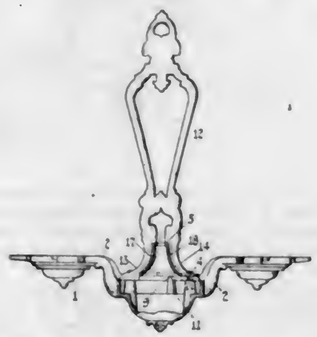
1. In a device of the class described, in combination, a seismograph having a member adapted to respond to earth

tremors, an interferometer having an operating element thereof carried by said member and a second element otherwise supported, means whereby interference bands



are displayed by coaction of said elements, and means for observing the influence of movements of said member upon the interference bands displayed by said interferometer.

1,625,626. LIGHTING FIXTURE. JOHN K. RIDDLE, Toledo, Ohio, assignor to The Edward N. Riddle Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 28, 1924. Serial No. 746,290. 4 Claims. (Cl. 240—78.)

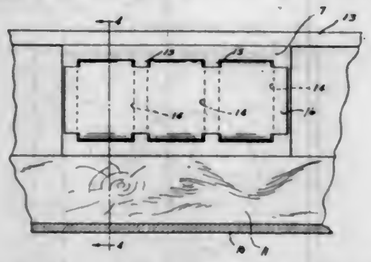


1. A lighting fixture comprising a spider, having a plurality of radiating arms, screws cast in said spider, a loop by which said spider is suspended, there being circumferential slots in the lower ends of said loop which engage said screws, lugs formed on said spider, a conoidal body cover mounted on said spider, there being slots in said cover and diametrically opposite grooves which fit the lower ends of said loops and lead from the top of the conoidal piece to said slots, there being recesses formed in said cover which register with said lugs for the purpose set forth substantially as described.

1,625,627. PRODUCT FOR DESTROYING MOSQUITO LARVÆ. EMILE CHARLES CAMILLE ROUBAUD and RAYMOND ALEXANDRE VEILLON, Paris, France. Filed Nov. 21, 1923, Serial No. 676,002, and in France Nov. 30, 1922. 5 Claims. (Cl. 167—6.)

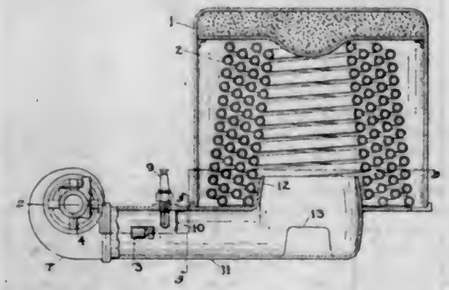
1. A product for destroying mosquito larvæ formed of a mixture under the form of an impalpable powder of a solid toxic substance, substantially insoluble in cold water, with a nutritive substance for the larvæ.

1,625,628. TILE CLOSURE. HAROLD SCARTH, Detroit, Mich. Filed Apr. 9, 1924. Serial No. 705,162. 2 Claims. (Cl. 72—66.)



1. A tile closure of the class described adapted for use with a tile having a plurality of openings formed therein, adjacent openings being separated by a comparatively thin partition, comprising a main body portion made from a stamping; a plurality of tongues projecting outwardly from each of the longitudinal edges of said main body portion, the tongues on each edge being in spaced relation and separated a distance greater than the thickness of said partition, said tongues being angularly turned to said main body portion and adapted for insertion into said openings for retaining said main body portion in position as a closure for said openings, said main body portion extending across the spaces separating said tongues, lying in engagement with said partition and the ends of said main body portion being projected beyond the edges of the endmost of said openings.

1,625,629. COMBUSTION SYSTEM. LEWIS L. SCOTT, St. Louis, Mo., assignor to Electrol, Inc. of Missouri, St. Louis, Mo., a Corporation of Missouri. Filed May 20, 1921. Serial No. 471,276. 4 Claims. (Cl. 158—28.)

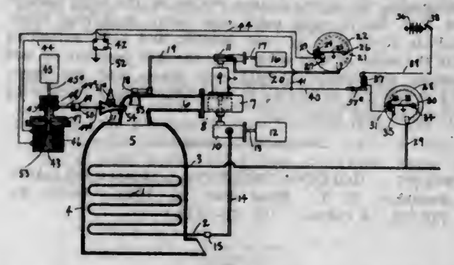


1. Combustion apparatus for igniting oil in an unvaporized state, comprising a fuel nozzle, a blower for furnishing air to promote combustion, a perforated plate placed in the path of the fuel mixture for retarding the velocity of said mixture, and an ignition device for igniting said mixture of fuel and air, said ignition device being located in the direct path of the fuel and air mixture.

1,625,630. COMBUSTION SYSTEM. LEWIS L. SCOTT, St. Louis, Mo., assignor to Electrol, Inc. of Missouri, St. Louis, Mo., a Corporation of Missouri. Filed May 21, 1921. Serial No. 471,414. 1 Claim. (Cl. 158—28.)

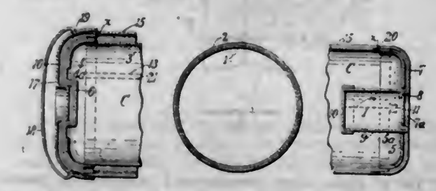
In combustion apparatus for burning heavy oils, in combination with a heat absorbing medium, a fuel burning device associated therewith, means for supplying an oil fuel thereto, an auxiliary ignition device for said fuel comprising means for supplying an independent gas fuel,

a magnet valve for controlling the supply of said gas fuel, electrically operated means for igniting the gas fuel, a circuit including said igniting means and the mag-



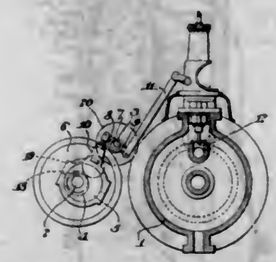
net of said valve, and automatic means governed by conditions of operation of the apparatus for controlling said circuit.

1,625,631. CONTAINER FOR EXPLOSIVES. JOHN B. SPOTSWOOD, Montclair, and HAROLD M. GULICK, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Mar. 27, 1923. Serial No. 627,957. 7 Claims. (Cl. 102—12.)



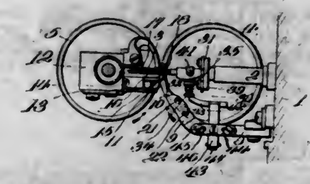
1. A container for explosive charges made of waterproof quick burning material and comprising an inner explosive-containing unit having an igniter-charge chamber, structurally distinct from the interior space of the inner explosive-containing unit, at one end, and an outer unit of substantially the size of the inner unit and closely receiving the same, said outer unit having an open end and said inner unit being received in the outer with the igniter-charge-chamber end exposed by said open end.

1,625,632. VALVE GEAR FOR STEAM ENGINES. JOHANN STUMPF, Berlin, Germany. Filed Feb. 19, 1921. Serial No. 446,504. 3 Claims. (Cl. 121—167.)



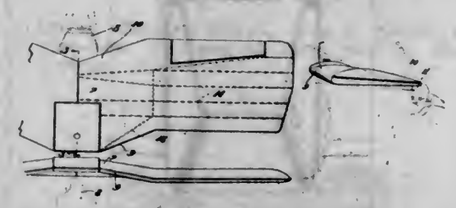
1. Valve gear for steam engines comprising two eccentrics running at different angular speeds, and valve operating mechanism associated therewith, including a rocking lever having as its fulcrum one of said eccentrics means for establishing operative relationship between said lever and the other eccentric, and means for communicating movement from said lever to the valve, the elements having such operative relationship that the eccentrics will cooperate to give one valve opening movement with each rotation of the crank shaft, said valve opening movement being greater than that due to either eccentric alone.

1,625,633. MACHINE FOR OVERCASTING THE EDGES OF FABRICS. CHARLEY THEBO, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 4, 1924. Serial No. 730,015. 10 Claims. (Cl. 112—16.)



1. A machine for forming an edge covering for a fabric, comprising a thread carrying reciprocating needle, means for supporting said fabric with the body portion thereof in a plane at right angles to the line of reciprocation of the needle, means for turning the edge portion of the fabric to be covered at the stitching point, so that said edge portion lies in a plane substantially parallel with the line of reciprocation of the needle, means for engaging the needle thread loops and for placing the same against the face of the bent portion of the fabric opposite that passed by the needle as it moves to penetrate the fabric, and means for placing a looper thread along the edge of the fabric and for interlocking the same with the needle thread loops on one face of the fabric and the shanks of the same loops on the other face of the fabric.

1,625,634. AIRPLANE WING CONSTRUCTION. BENJAMIN DOUGLAS THOMAS, Ithaca, N. Y., assignor of one-tenth to Thomas-Morse Aircraft Corporation, Ithaca, N. Y., a Corporation of New York. Filed Mar. 8, 1923. Serial No. 623,613. 1 Claim. (Cl. 244—12.)

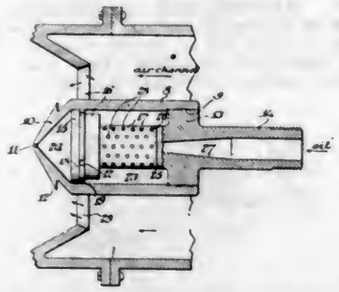


An airplane wing of full aerofoil section throughout its span and shaped so as to increase the pilot's angle of vision without diminishing the wing area, the middle portion of the wing being extended forward for said purpose at both the leading and trailing edges, parallel transverse trussed beams in the side portions of the wing, and auxiliary beams, of similar construction, in said middle portion, said auxiliary beams being arranged at an angle to said side portion beams and connected thereto.

1,625,635. FUEL BURNER. JOHN A. WILLNERS, Philadelphia, Pa. Filed Apr. 18, 1923. Serial No. 632,852. 7 Claims. (Cl. 158—76.)

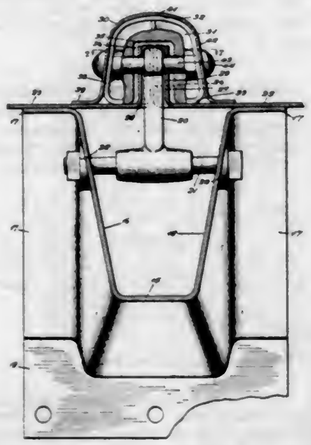
6. In a fuel burning device, the combination of a chambered body having a conical shaped end and a discharge vent at the apex of the cone, means dividing the interior of the chambered body into two compartments, one cylindrical and the other conical, said dividing means comprising a cylindrical body having a projecting circular flange of greater diameter than that of the main body and fitting the surrounding wall of the cylindrical com-

partment, having its face toward the other compartment provided with a centrally disposed circular recess and channels extending entirely through the flange from the periphery thereof and delivering tangentially to the circular recess, and an annular body covering said channels



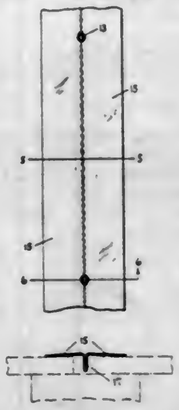
on one side and having an opening registering with the circular recess and flaring toward the conical compartment, a straining device positioned within the cylindrical compartment and means delivering fuel under pressure to the straining device.

1,625,636. CAR ROOF. WILLIAM WRIGHT, Chicago, Ill., assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill., a Corporation of Delaware. Filed Apr. 26, 1924. Serial No. 709,245. 14 Claims. (Cl. 108—5.4.)



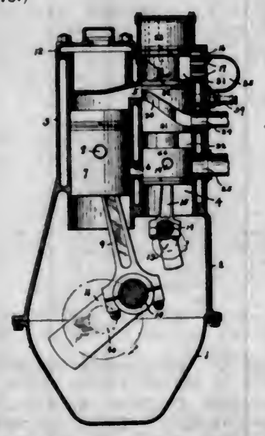
1. A car roof comprising, in combination: side plates; channeled carlines extending from side plate to side plate, roof sheets having side flanges extending upwardly over the channels provided by said carlines, said flanges of adjacent roof sheets being disposed alongside each other when secured in place, and portions of adjacent roof sheets and their flanges being offset to provide openings; links extending through said openings, bolts connecting the lower ends of said links, to the sides of said carlines; saddles arranged over the offset portions of said roof sheets but spaced therefrom, said saddles having extensions registering with each other at each side of the offsets of said roof sheets and spaced from each other by the side flanges of the roof sheet flanges therebetween, said extensions and the roof sheet flanges therebetween being riveted together, said saddles having a top portion and having side portions extending transversely with respect to the side flanges of the roof sheets, the lower ends of said side portions resting on the main body of the roof sheets at each side of said offsets, said seam caps enclosing the side edges of adjacent roof sheets, said seam caps having a top web and depending sides terminating in lateral flanges resting on the main body of the roof sheets, said seam caps being supported intermediate their ends by said saddles, and bolts extending into the sides of said seam caps, the side portions of said saddles, the offsets of said roof sheets and the upper end of the link extending in said offsets, said bolts being riveted to said seam caps.

1,625,637. HOLDING MOLDING. JOSEPH C. ABEL, Brooklyn, N. Y. Filed May 29, 1924. Serial No. 716,721. 6 Claims. (Cl. 72—118.)



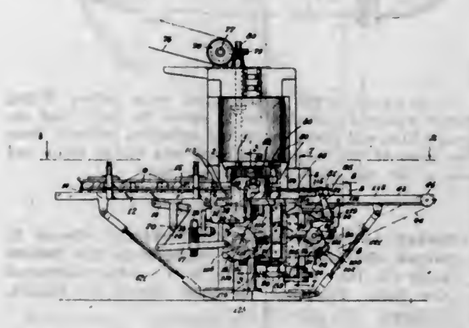
2. In a panel-board arrangement comprising panels spaced apart, holding molding between the panels having resilient flanges overlapping adjacent edges of said panels, said flanges being downwardly pitched during the initial stages of the assembling operation and adapted to yield to assume another and final position on said panels upon consummation of the assembling operation, and fastening devices passing through said molding only.

1,625,638. ENGINE. JAMES B. BAYNES, Buffalo, N. Y. Filed Oct. 28, 1922. Serial No. 597,493. 8 Claims. (Cl. 123—75.)



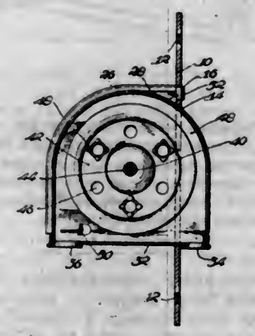
4. In a four-cycle internal combustion engine, the combination of a cylinder having a port at each end of its working chamber, a valve chamber adjacent the cylinder and connected thereto by said ports and having two exhaust ports and an intake port for fuel, a valve slidable in the chamber and having an exhaust passage, a fuel passage and a chamber to receive the explosive charge of the engine and which acts as an exhaust passage during the scavenging stroke of the engine.

1,625,639. HEADING MACHINE AND BODY-CONVEYING MEANS. JULIUS BRENZINGER, Fairfield, and PAUL H. LANGE, Bridgeport, Conn., assignors to The Max Ams Machine Company, Bridgeport, Conn., a Corporation of New York. Filed Nov. 22, 1922. Serial No. 602,505. 18 Claims. (Cl. 113—29.)



1. Body conveying mechanism comprising: a rotatable member, means for feeding a body occupying a recumbent position, a member for moving the body into an upright position, means for intermittently and progressively rotating said second member in one direction only, and means for moving the up-ended body to the first member.

1,625,640. PULLEY. JOSEPH H. DILLON, Wilmette, Ill., assignor to Dillon Pulley Co., Chicago, Ill., a Corporation of Illinois. Filed Feb. 18, 1922. Serial No. 537,398. 24 Claims. (Cl. 16—21.)



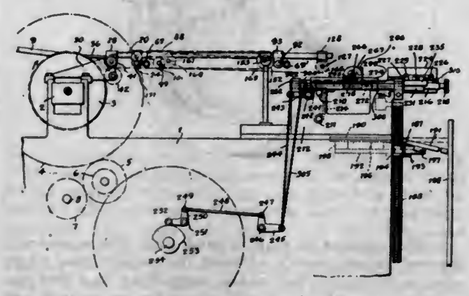
2. In a device of the class described, an apertured sheet metal face plate, a casing thrust partly through said aperture, a pulley in said casing, said casing projecting through said aperture to house the portion of the pulley projecting past the plane of said face plate, and apertures in the bottom of said casing in tangential alignment with the periphery of said pulley.

1,625,641. EMULSIFICATION OF OILS AND FATS AND PRODUCTS MADE THEREFROM. ROBERT DOUGLAS and HUGO G. LOESCH, Rochester, N. Y., assignors to Douglas-Pectin Corporation, Rochester, N. Y., a Corporation of New York. Filed Sept. 4, 1923. Serial No. 660,902. 10 Claims. (Cl. 99—11.)

1. A pectin-stabilized oil or fat emulsion.

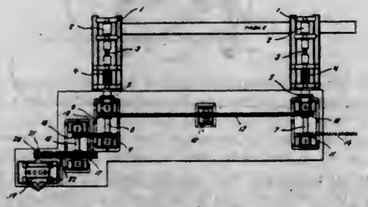
7. The improved step in the process of manufacture of a food dressing consisting in emulsifying vegetable oils or fats by means of a solution of pectin.

1,625,642. METHOD AND MECHANISM FOR DELIVERING AND STACKING SHEETS. MICHAEL A. DROITCOUR, Providence, R. I. Filed Apr. 8, 1924. Serial No. 704,963. 36 Claims. (Cl. 271—76.)



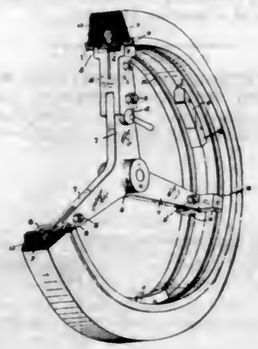
1. A sheet delivery mechanism including in combination a delivery table, a perforate belt, and suction means having an open channel extending beneath the belt, the belt running in friction contact with the suction means thereby closing the top of the channel.

1,625,643. ROLLING METAL. NOAH W. ELLIOTT, New Castle, Pa. Filed Aug. 17, 1925. Serial No. 50,618. 7 Claims. (Cl. 80—54.)



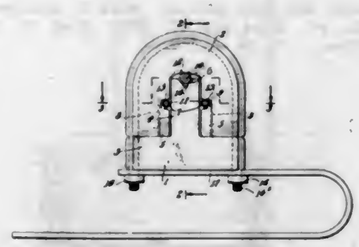
1. A rolling mill comprising a plurality of successively arranged stands of rolls, sprocket means coaxial with and having a driving connection with one roll in each roll stand, roller chain means connecting the sprocket means of successive roll stands, a relatively high speed rotary power source provided with a primary sprocket, and chain and sprocket speed reduction gearing connecting said primary sprocket with one of said rolls, including a silent chain connected to said primary sprocket connection with one of said rolls and a silent chain connecting said two last mentioned sprockets.

1,625,644. MANUFACTURE OF CUSHION TIRES. GEORGE F. FISHER, Roselle, N. J., assignor, by mesne assignments, to Morgan & Wright, Detroit, Mich., a Corporation of Michigan. Filed Feb. 17, 1922. Serial No. 537,159. 4 Claims. (Cl. 154—12.)



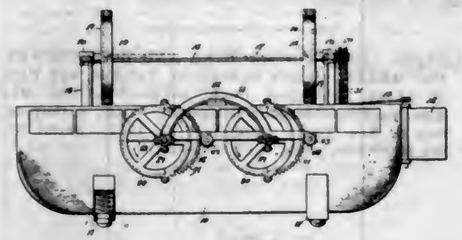
1. That method of shaping solid tires with a centrally disposed annular cavity adjacent the metallic base which consists in, vulcanizing rubber composition to a two-part metallic base whose opposed edges are in contact and around a sectional core supported by the metallic base, and subsequently removing the core and allowing the two parts of the metallic base to assume the normal abutting relation they occupied during vulcanization.

1,625,645. INSULATOR. LOUIS FORT, Jersey City, N. J. Filed Oct. 5, 1922. Serial No. 592,463. 2 Claims. (Cl. 173—314.)



1. In an insulator, the combination of a base member having a base flange and a central rib upstanding therefrom and shoulders of lower height than said rib on opposite sides of the same, with seating surfaces extending substantially straight across said rib and shoulders, a cap member of U-shape adapted to fit about said rib, and having guiding grooves adapted to interlock with said shoulders, and clamping means comprising a strap adapted to be secured about said cap member and base flange to secure the same together with conductors extending between said rib and shoulder seating surfaces and the adjacent surfaces of said cap member, said cap and base members being movable relatively to each other transversely of the conductors and while still interlocked prior to tightening said clamping means to accommodate the thickness of the conductors secured between them.

1,625,646. AIRCRAFT. FRANCIS GADDIS, Merrick, N. Y. Filed May 3, 1926. Serial No. 106,516. 12 Claims. (Cl. 244—16.)



1. In an air craft, a supporting body, oblong lifting rotors extending longitudinally above the body, and oblong lifting and propelling rotors extending laterally from the sides of the body, there being one at the front and one at the rear on each side of the body.

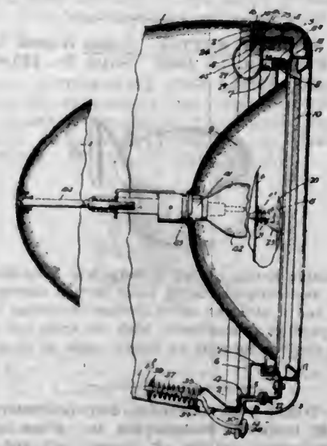
1,625,647. DISPLAY EASEL AND TRAY. GOWAN C. GILLAN, Franklinville, N. Y., assignor to The Ontario Knife Co. Inc., Franklinville, N. Y., a Corporation of New York. Filed Apr. 15, 1926. Serial No. 102,273. 3 Claims. (Cl. 211—28.)

3. The combination with a rectangular tray having vertical walls throughout its edges, a sheet fitting within the tray and having recesses in its side edges at one end, an easel, and supports at the sides of the easel fitting in the recesses of the sheet and confined between the walls of said recesses and the walls of the tray.

1,625,648. HEADLIGHT CONSTRUCTION. CHARLES E. GODLEY, Detroit, Mich., assignor, by mesne assignments, to C. M. Hall Lamp Company, a Corporation of Michigan. Filed Jan. 25, 1926. Serial No. 83,748. 5 Claims. (Cl. 240—41.)

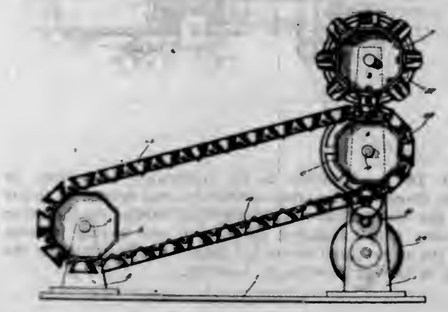
1. In a lamp, a body including a radial shelf, a reflector housed by the body and provided at its mouth with a forwardly open annular groove, spaced portions of the outer wall of the said groove being formed into ears directed radially outward and disposed forwardly of the shelf, a compression spring between each ear and the shelf, and limit means carried by the shelf for limiting the forward movement of the reflector by the springs,

the body and the reflector having slidably interfitting portions separate from the said limit means for guiding the movement of the reflector by the springs, a door secured



to the mouth of the body and including a lens, and a packing ring seated in the groove and engaging the inner face of the lens.

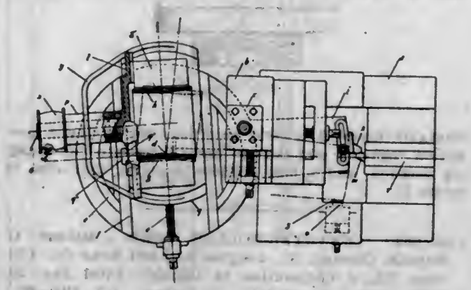
1,625,649. VIENNA-ROLL-FORMING MACHINE. CHARLES GOTTFRIED, New York, N. Y. Filed Dec. 17, 1925. Serial No. 76,047. 4 Claims. (Cl. 107—8.)



2. In a Vienna roll forming machine, an endless chain formed with a series of flat links, each link having an aperture substantially in the center thereof, a cup mounted on each of said links, a rivet extending through part of the cup and through said aperture for connecting the cups to the links, each of said rivets having an enlarged head projecting beyond the links, a pair of polygonal-shaped pulleys for said chain, each of said pulleys having a series of apertures adapted to receive the enlarged heads of said rivets as the chain passes over whereby the various links will be centered on the different faces of the respective pulleys, a series of dies arranged adjacent one of said pulleys, and means for operating the pulleys and dies so that as the cups pass over a certain point the dies will enter the same for forming the dough therein into the proper shape.

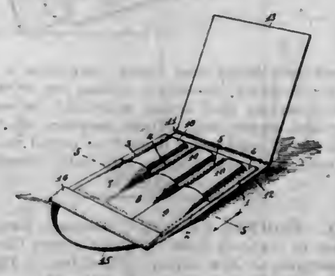
1,625,650. METHOD OF MACHINING DOUBLE CONICAL WORK PIECES. KARL GOTTMANNS, Hilden, Germany. Filed Nov. 14, 1925, Serial No. 69,136, and in Germany Oct. 30, 1924. 11 Claims. (Cl. 82—1.)

1. The method of machining a double-conical work piece by means of a suitable tool, one of the said two elements being movable towards the other, which consists in setting the work-piece so that the point of the circumference where the two conical surfaces meet located at one end of a diameter transversal to the line of travel of the movable element on the same plane with the working edge of said tool, is in direct alignment with the line of travel of the point where said working edge is applied, angularly setting said work-piece about an axis passing through said point at right angle to a plane passing through said diameter and said line of travel, so that



the generatrix of one of the conical surfaces originating at said point is in direct alignment with the line of travel of said working edge, revolving said workpiece about its own axis while said conical surface is machined, angularly displacing said work-piece about said first mentioned axis, upon completion of the machining of said surface, bringing the generatrix of the other conical surface originating at the same point into direct alignment with the line of travel of said working edge, and in machining said other conical surface.

1,625,651. REED HOLDER. FREDERICK GRETSCH, Brooklyn, N. Y. Filed Mar. 22, 1926. Serial No. 96,619. 3 Claims. (Cl. 150—34.)

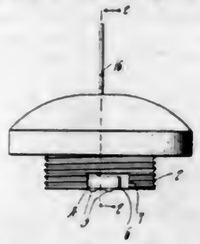


1. A saxophone reed holder comprising a body formed from a piece of stiff material, a flexible member mounted on said body and extending from near the center thereof down to and over one end and back to near the center at the opposite side, a series of lines of stitching for securing said member to the body so as to divide the member into a series of pockets, the pockets on one side of the body being in line with the pockets on the opposite side, each pocket being adapted to receive a reed with the flat side contacting with the body whereby the reeds in the various pockets will reinforce each other, and a covering structure for covering said body, the means forming the pockets and the reeds, said covering structure protecting the exposed ends of said reeds and reinforcing said body for its full length.

1,625,652. LOCKING CAP FOR TANKS. HAROLD L. GROESBECK, Salt Lake City, Utah. Filed May 6, 1926. Serial No. 107,178. 1 Claim. (Cl. 70—90.)

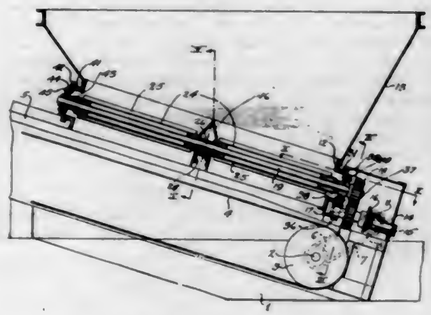
A locking cap for tank closures, including a threaded cap adapted to engage the threaded nozzle of a tank, a

horizontal partition in said cap, spring actuated dogs pivotally secured to said partition and adapted to engage the tank nozzle to prevent unscrewing of the cap, a stud



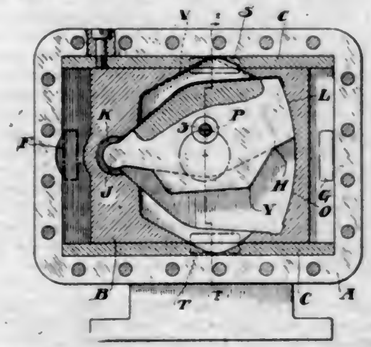
rotatably mounted in said partition and having a projection engaging said dogs to move them into non-engaging position, and a lock cylinder engaging said stud to rotate it.

1,625,653. CONVEYER-ROLLER FEED. MILTON O. HARGER, Chicago, Ill., assignor to Abell-Howe Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 20, 1926. Serial No. 82,420. 12 Claims. (Cl. 198—62.)



4. A conveyer roller feed device comprising a hopper, a conveyer mounted therebelow, means for driving said conveyer, rotatable feed means positioned between said conveyer and hopper, and slidable bearings for the feed means to permit adjustment thereof to control the flow of the material from said hopper onto said conveyer.

1,625,654. ENGINE. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Jan. 8, 1926. Serial No. 80,016. 5 Claims. (Cl. 121—50.)



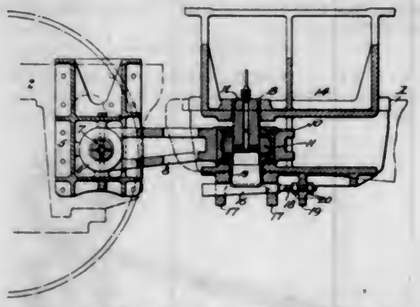
2. A fluid actuated engine comprising a cylinder, a crank shaft, an outer flat piston in said cylinder, and an inner piston pivotally mounted wholly within said outer piston and connected to the crank of said crank shaft to transmit the motion of both of said pistons to said shaft.

1,625,655. COOKING KETTLE. JESSIE HARDIE, Albany, N. Y. Filed Sept. 14, 1926. Serial No. 135,433. 2 Claims. (Cl. 53—8.)



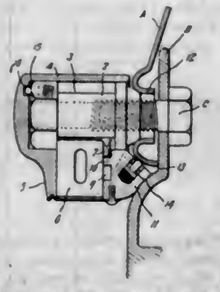
1. A cooking kettle having a body, and a handle composed of a vertically extending inner section curved longitudinally, and a straight outer section extending in substantially parallel arrangement, with the axial line of said body, said sections forming an acuate angle at their upper ends.

1,625,656. JOINT FOR ARTICULATED LOCOMOTIVES. HENRY K. HARWICK, Philadelphia, Pa. Filed Sept. 28, 1926. Serial No. 138,265. 5 Claims. (Cl. 105—175.)



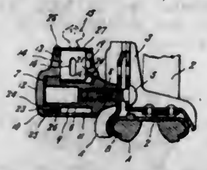
1. The combination in an articulated locomotive, of two frames; a coupling carried by one frame; a socket in the coupling; a vertical pivot-pin carried by the other frame; a ball mounted on the pin and having its seat in the socket; and means for longitudinally adjusting the pin to take up wear in its bearings.

1,625,657. LOCK FOR SPARE WHEELS OF AUTOMOBILES. FREDERICK W. HENKE, Jr., Philadelphia, Pa., assignor to Fox Automotive Products Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Jan. 21, 1926. Serial No. 82,753. 5 Claims. (Cl. 70—122.)



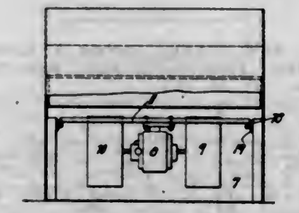
1. The combination with a securing nut, of a housing having one end open arranged to be passed over the nut to enclose the same and to be secured thereto against endwise removal therefrom, the housing being formed with a hollow extension to serve as a casing for a lock, such extension being formed with a projection extending toward the open end of the housing shaped to engage with a surface adjacent to the nut that will prevent rotation of the housing so long as it is applied and secured to the nut.

1,625,658. AUTOMOBILE TIRE LOCK. FREDERICK W. HENKE, Jr., Philadelphia, Pa., assignor to Fox Automotive Products Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Jan. 21, 1926. Serial No. 82,754. 11 Claims. (Cl. 70—122.)



1. The combination with a securing nut having a head of standard construction adapted to be engaged by a wrench, of a housing adapted to enclose the nut, a lock casing carried by the housing, and a lock the body of which is mounted in the lock casing and is therein movable radially relative to the nut to engage therewith to prevent separation of the nut and housing, the lock having key-operated parts to engage with the lock casing and hold the lock body in engagement with the nut until released through the operation of the key.

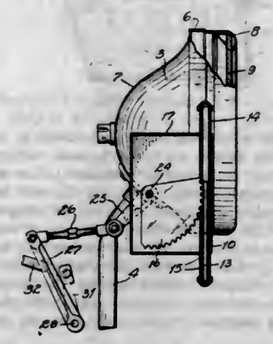
1,625,659. MOTOR-BOARD SUSPENSION. PERCIVAL P. HENSHALL, Atlantic City, N. J., assignor to John J. Nesbitt, Inc., Atlantic City, N. J., a Corporation of New Jersey. Filed Feb. 25, 1925. Serial No. 11,618. 1 Claim. (Cl. 248—16.)



A vibration absorbing support for cabinets comprising a motor board, plates attached to the ends of said board for supporting it at three points, said plates having bottom projections of small cross sectional area and lead strips carried by the cabinet, said projections and strips being in contact whereby the vibrations set up in the board by a motor and fan assembly in suspension therefrom may pass only through said points of contact.

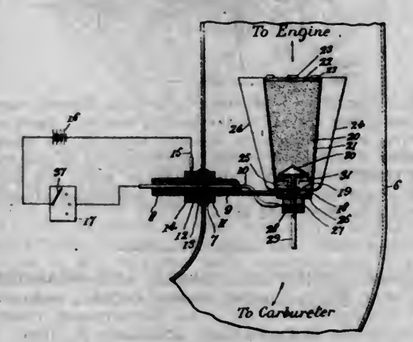
1,625,660. GLARE DEFLECTOR FOR HEADLIGHTS. NICHOLAS R. HOMYER, and WILLIAM M. HOMYER, Granite City, Ill. Filed Dec. 14, 1925. Serial No. 75,829. 3 Claims. (Cl. 240—45.)

3. In a device of the character described, the combination of an automobile having a pair of headlights, of a casing mounted to one side of said headlights and secured to a metal ring, a tubular rack mounted to slide upwardly and downwardly within a slotted tube mounted at one end of the said casing above mentioned; of a shutter-blade secured to said tubular rack and adapted to slide upwardly and downwardly within said slot in said slotted tube; of additional shutter-blades slidably mounted to the lower edge of the above mentioned shutter-blade, of a sector-gear mounted upon a shaft, a crank-arm mounted upon said shaft; another crank-arm being connected to the first mentioned crank-arm by means of a connecting bolt; a horizontal bar connected to the lower free end of the last mentioned crank-arm; brackets secured to the radiator of the automobile to hold the said horizontal bar in position; a crank-arm mounted on the



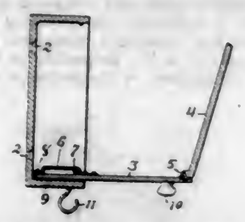
end of said horizontal-bar; a rod provided with ratchet-teeth secured to the said last mentioned crank-arm, the teeth of said rod being adapted to engage the edge of a steel plate secured to the dash or instrument board of the automobile; a spring for forcing said ratchet-teeth of said rod into contact with said steel-plate, and a handle secured upon the free end of said rod, as and for the purpose set forth.

1,625,661. VAPORIZER FOR GASOLINE ENGINES. ROBERT H. JOHNSON, Washington, D. C. Filed Dec. 11, 1925. Serial No. 74,821. 5 Claims. (Cl. 219—38.)



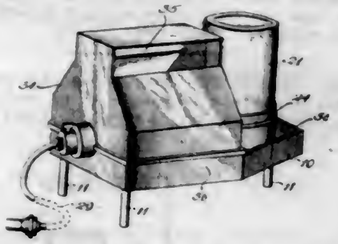
5. A vaporizer for gas engines comprising a hollow threaded arm fitted through the intake pipe of the engine and insulated therefrom, means on said threaded arm for securing the same to said pipe, a hollow insulating sleeve extending through said arm, said arm having a substantially flat extention, a receptacle having a perforated base fitted on said extension, a mass of carbon particles in said receptacle, a hollow insulating sleeve passing through said perforated base and said extension, a stem extending through said insulating sleeve and having a cone head at its upper end embedded in the particles in said receptacle, a wide spread insulating flange on said sleeve below said cone head, a source of current connected at one side with said arm and at the other side through the first mentioned hollow insulating sleeve with said stem.

1,625,662. FOLDING HOOK. HARRY LESTER KAST, Fort Wayne, Ind. Filed Dec. 5, 1925. Serial No. 73,339. 2 Claims. (Cl. 248—24.)



1. In a device of the class described, a housing attachable to the frame of a coach, and having an open front, a pair of transversely disposed pins within said housing and adjacent the lower end thereof, and a folding hook member composed of sections hinged together so as to have limited pivotal action, one of said sections having an elongated loop through which one of said pins extends, and having fulcrum bearing with the other of said pins and supported relation with the bottom of said housing when said hook member is extended for use, said member being operable to fold and close the front of the housing.

1,625,663. HUMIDIFIER. WILLIAM HARDY KELLY, Charlotte, N. C., assignor of one-third to Charles F. Keistler, Charlotte, N. C. Filed June 16, 1926. Serial No. 116,354. 6 Claims. (Cl. 261—104.)



1. A humidifier, comprising a heating element, means for supplying dry air to the heating element, liquid containing wells located on opposite sides of the heating element, a perforated arched plate supported in said wells and bridging over the heating element, wicks laid across said arched plate and having their extremities extending into the liquid in said wells.

1,625,664. COMBINED CORSET AND BRASSIÈRE. JOSEPH JULIUS KISPERT, Branford, Conn., assignor to I. Newman & Sons, Inc., New Haven County, Conn., a Corporation of Connecticut. Filed May 23, 1925. Serial No. 32,481. 1 Claim. (Cl. 2—30.)
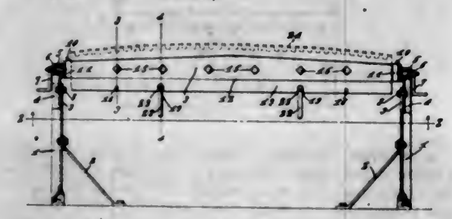


A combined brassière and corset, comprising a corset body, a plurality of looped members or straps carried by the corset body at the rear and near the upper edge, means for dividing said straps into sections so as to present substantial horizontal passage-ways arranged at different heights when the corset is in use, a brassière body, a plurality of looped members connected with the brassière body at the rear near the lower edge, and a flexible member extending through the looped members of the brassière and through any of said passageways whereby the brassière may be connected to the corset body at different heights.

1,625,665. COOLING RADIATOR FOR AEROPLANES AND OTHER VEHICLES AND PROCESS FOR ITS MANUFACTURE. ALEXANDRE LAMBLIN, Paris, France. Original application filed Jan. 7, 1925, Serial No. 1,012, and in France Jan. 24, 1924. Divided and this application filed Jan. 9, 1926. Serial No. 80,186. 1 Claim. (Cl. 257—125.)



In a cooling radiator for aeroplanes and other vehicles, the following combination; a front header, a rear header, tubular elements of V-shaped transverse section, said elements having free spaces therebetween and being interposed between the front and the rear headers and disposed longitudinally with respect to the direction of movement of the vehicle, shutters pivotally disposed on the base portions of the tubular elements, means for controlling said shutters in a manner either to open said shutters with respect to each other in order to permit a transverse current of air to penetrate between the elements or to close said shutters with respect to each other, and means for guiding a current of air longitudinally to circulate in part between the wings of the V of each element and in part between the free spaces formed between said elements, said shutters serving also to guide said latter current of air, when said shutters are closed with respect to each other.

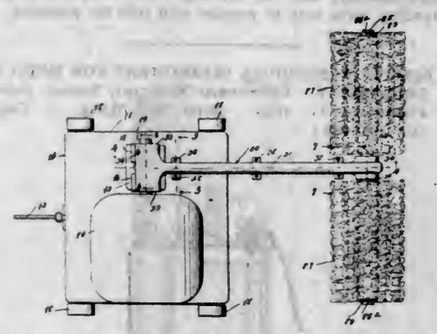
1,625,666. SAW CLAMP. EDWARD N. LARGE, Ryderwood, Wash. Filed Mar. 12, 1926. Serial No. 94,270. 4 Claims. (Cl. 76—78.)



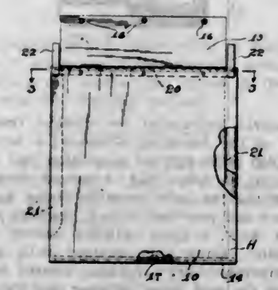
1. In a saw clamp of the character described, comprising supporting elements, a pair of relatively long jaw members, one of greater length than the other and having the ends thereof formed to provide supporting brackets, means for securing said supporting brackets to said elements, adjustable means for securing said jaw members loosely together, and means positioned between said jaw members at the lower portions of the same for spreading apart the said lower portions to cause the upper portions thereof to come together in gripping relation.

1,625,667. BRUSHING AND POLISHING MACHINE. WALTER D. LEE, Grand Junction, Colo. Filed May 23, 1925. Serial No. 32,382. 6 Claims. (Cl. 15—49.)

1. A device of the class described comprising a brush shaft, a driving member rigid on said shaft, a supporting arm for said shaft, and said supporting arm overlapping said driving member at the ends thereof to prevent longitudinal displacement of the shaft, said supporting arm being in part separable to release the shaft with the brush assembled thereon, and driving means associated with said driving member.

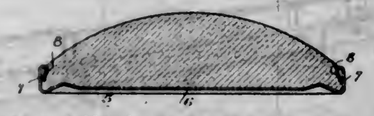


1,625,668. CLOTHES HAMPER. DAVID LONDON, Baltimore, Md. Filed Jan. 30, 1926. Serial No. 84,911. 1 Claim. (Cl. 150—1.)



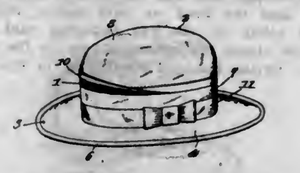
A clothes hamper comprising a bag having means at the upper sides of the bag for suspending the latter from supporting means, said hamper having an auxiliary compartment inside of said bag and a cover common to said bag and said auxiliary compartment, a removable spreadng member at the top of the bag, and a removable relatively rigid member resting on the bottom of said bag, said upper spreading member and said lower rigid member serving to maintain the shape of the bag.

1,625,669. COMPACT POWDER HOLDER. JOHN S. LYON, Rochester, N. Y., assignor of one-half to John Bartholomew, Rochester, N. Y. Filed Jan. 11, 1926. Serial No. 80,514. 1 Claim. (Cl. 132—82.)



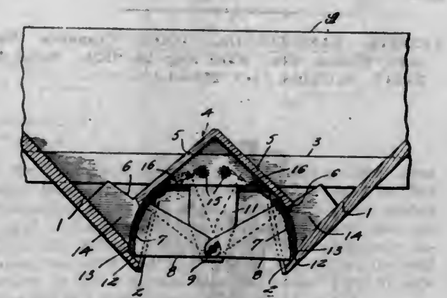
A tray or holder for compacted powder cakes of the character described embodying a sheet metal bottom having a surrounding shallow side wall, the upper edge of the material forming said wall being flanged inwardly and downwardly so that its margin is crimped against the inner face of the side wall at an outwardly spreading incline to strengthen the holder, a continuation of the outer surface of the side wall thus becoming an inner wedging surface for the cake.

1,625,670. HAT. FRANK D. MAXWELL, Boise, Idaho. Filed Aug. 11, 1925. Serial No. 49,553. 1 Claim. (Cl. 2—176.)



A hat including a body formed of one piece of metallic screening shaped to provide a crown portion and a rim portion, a ring-like covering fitted over the rim portion and extending upwardly on the inside and the outside of the crown to reinforce the fold in said body which defines between the crown and rim portions, a covering on the outside top portion of the crown and spaced at its edge from the first mentioned covering, and a band joined at its upper edge to the crown covering in a manner to prevent bulging, the said band constituting a ventilating flap which extends to but is free from the outer edge of the ring-like covering when in a closed position and is adapted to be upwardly folded to expose the body.

1,625,671. HOPPER DOOR. ROBERT METCALF and MORRISON JONES, Hazard, Ky. Filed July 29, 1926. Serial No. 125,753. 3 Claims. (Cl. 105—249.)



2. In combination with a hopper having an inclined bottom leading to a delivery opening, the lower end of said bottom having a recess providing a shoulder, a hood inclined oppositely to the bottom and spaced therefrom, and a door for closing the space between the bottom and hood pivoted to move into open and closed positions through an arc, said door when closed seating in said recess and engaging the shoulder, a shaft suitably journaled, and a flexible member connecting said shaft and door.

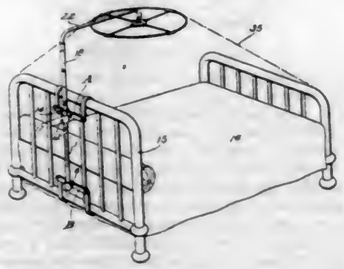
1,625,672. METHOD OF AND MEANS FOR WATERPROOFING TEXTILE AND OTHER MATERIALS. CHARLES JOSEPH MORETON, London, England. Filed Jan 22, 1926, Serial No. 83,135, and in Great Britain Dec. 24, 1925. 4 Claims. (Cl. 91—68.)

1. A process for waterproofing textile material consisting firstly in treating the material with an emulsion of palm oil, tallow, ammonia, gylcerine, borax, wax and karaya gum and secondly with a metallic sulphate solution and finally drying by heat, as set forth.

1,625,673. CANOPY HOLDER. VIRGINIA P. NELSON, New York, N. Y. Filed May 4, 1926. Serial No. 106,719. 2 Claims. (Cl. 135—5.1.)

2. A device of the character described, comprising a screw-threaded rod, a hook on the lower end of the rod,

a sleeve mounted to move on the rod and having a hook thereon, hook members adapted to engage a support and having openings receiving the hook at the lower end of the rod and the hook on said sleeve, respectively, a threaded collar on the rod engaging said sleeve and adapted to clamp the hook members on the support, an extension having one end telescoping in the rod, a slot



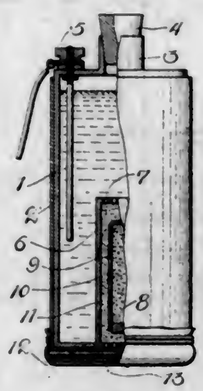
and pin connection between the extension and the rod preventing turning movement of the rod, an arm having telescoping engagement with the extension, a slot and pin connection between the arm and the extension preventing independent movement of said parts, and a canopy supporting device carried by the free end of said arm.

1,625,674. SAND-TESTING TOOL. CLARENCE NEWBURN, Electra, Tex. Filed Aug. 29, 1925. Serial No. 53,247. 9 Claims. (Cl. 255—1.)



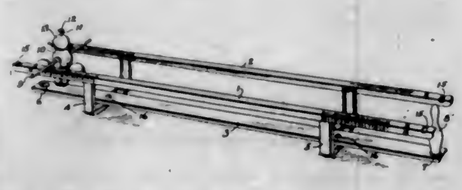
1. An oil sand testing tool including in combination with a drill pipe having back pressure valves integral therewith, a shoe mounted on said drill pipe at a spaced point from its bottom end; a working barrel threaded into said drill pipe; a standing valve therein, provided with an apertured seat; a traveling valve reciprocable within said working barrel comprising a tubular member threaded into a cage, the latter having a ball suspended therein; a sleeve disposed beneath said ball arranged to normally cover ports in said cage; a spring controlled plunger movably mounted in said tubular member disposed to impinge said sleeve; means to permit circulation of water downwardly past said suspended ball, through said standing valve seat and upwardly through said back pressure valves, and means to impart downward movement to said traveling valve to actuate said plunger to simultaneously seat the ball and close the ports in said standing valve seat to prepare said tool for pumping.

1,625,675. ELECTRICAL INSTRUMENT FOR MEDICAL TREATMENT. YOSHITOSHI NOISHIKI, Tottori, Japan. Filed Dec. 17, 1925. Serial No. 75,914. 1 Claim. (Cl. 174—89.)



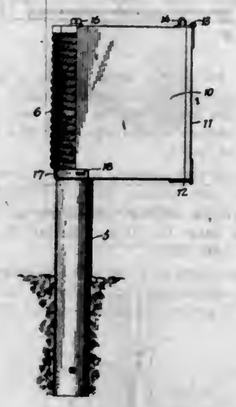
In an electric instrument for medical treatment the combination of the following elements; a metallic outer casing provided with exterior insulation and a plurality of apertures in its lower end; a second metallic casing positioned within the outer metallic casing and over the said apertures and provided with a plurality of openings in its upper wall; a glass cylinder located within the second metallic casing and provided with gamma ray producing minerals; cotton packing located between the outer wall of the said glass cylinder and the inner wall of the second metallic casing; a terminal mounted on the exterior of the outer casing and adapted for connection with an electric current; and a terminal rod held in suspension from the said terminal and within the said outer casing.

1,625,676. BOWLING-GAME APPARATUS. CHARLES HAMILTON PAJEAU, Glencoe, Ill., assignor to Toy Tinkers, Inc., Evanston, Ill., a Corporation of Illinois. Filed Jan. 25, 1926. Serial No. 83,703. 13 Claims. (Cl. 273—37.)



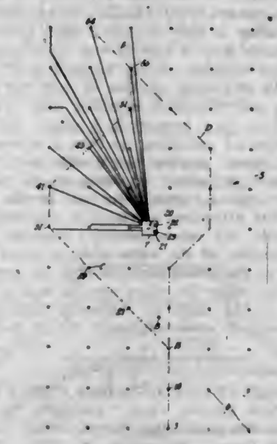
1. In a game apparatus, a pair of spaced rails, and a traveler member adapted to be rolled upon the rails; the traveler member including a roller spanning the rails, momentum-acquiring means carried by the roller for continuing rotation imparted to the roller, and friction means carried by the roller for retarding rotation thereof.

1,625,677. HOG GREASER. HERBERT B. PALM and BERNARD L. PALM, Huron, S. Dak. Filed July 19, 1926. Serial No. 123,558. 5 Claims. (Cl. 119—157.)



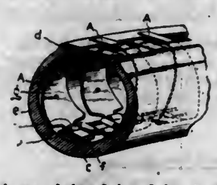
1. In a rubbing post, a post having an absorbent rubbing surface, a grease container rotatably mounted on the post, and means for holding the grease in the container in contact with the rubbing surface.

1,625,678. SYSTEM FOR CARRYING OUT MIMIC BOMBING ATTACKS. ARTHUR W. PARSONS, Miami, Fla. Filed Mar. 27, 1925. Serial No. 18,931. 34 Claims. (Cl. 244—1.)



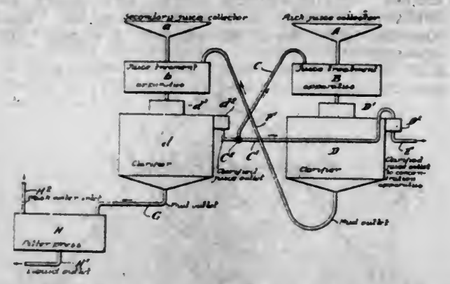
1. In a system of the character described a field, a plurality of operable stationary target devices located on said field and spaced from each other, and means operatively connected with said devices for so actuating said devices as to progressively present a succession of targets simulating a constantly forwardly moving body.

1,625,679. AUTOMOBILE TIRE. GEORGE D. PEARSON, Montreal, Quebec, Canada. Filed Jan. 27, 1926. Serial No. 84,204. 14 Claims. (Cl. 152—8.)



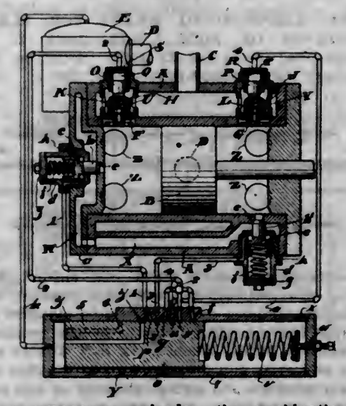
2. A tire such as claimed in claim 1 distinguished by the means for presenting the smooth surface consisting of a pivoted end of each spring extending over a pivotal connection therewith and between the same and the inside surface of the tire casing.

1,625,680. PROCESS OF RECOVERING SUGAR CONTENT IN CANE JUICES. CUTHBERT GEORGE PETREE, New York, N. Y., assignor to Petree & Dorr Engineers, Inc., New York, N. Y., a Corporation of Cuba. Filed Apr. 20, 1925, Serial No. 24,395, and in Union of South Africa Aug. 18, 1924. 4 Claims. (Cl. 127—57.)



1. The method of treating the rich and weaker juices coming from different stages of a sugar cane milling circuit which consists in decanting the rich juice, adding the mud thereby produced to the weaker juice, then decanting the latter, and separating and separately recovering the solids and juice vehicle constituting the mud produced by the decantation of the weaker juice by subjecting the last mentioned mud to a press action.

1,625,681. SINGLE-CHAMBER CLEARANCE UNLOADER. WILLIAM PRELLWITZ, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed July 27, 1926. Serial No. 125,244. 8 Claims. (Cl. 230—24.)



1. In a compressor unloader, the combination of a cylinder and piston, a single clearance chamber, and

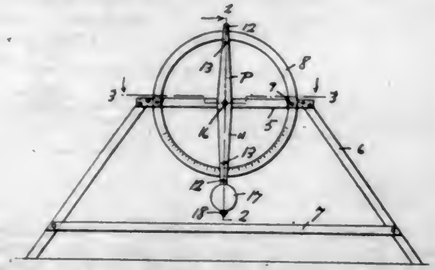
means for alternately placing said chamber solely in communication with either one end or the other of the cylinder for unloading purposes.

1,625,682. OBSTETRIC APPLIANCE. MARY ETHEL RAGG, Upper Norwood, England. Filed Mar. 28, 1925, Serial No. 19,030, and in Great Britain Apr. 12, 1924. 5 Claims. (Cl. 45—50.)



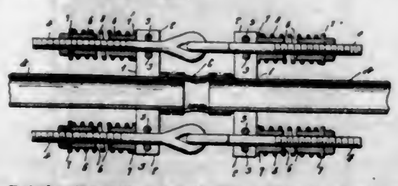
1. Obstetric appliance comprising in combination, a supporting and thrust resisting member for the woman's back, leaf springs on which said member is mounted, and means for attaching said member to a bedstead or operating table.

1,625,683. BLADE-GRADER LEVEL AND SLOPE INDICATOR. JOSEPH RAIL, Terre Haute, Ind. Filed Oct. 23, 1926. Serial No. 143,696. 3 Claims. (Cl. 33—215.)



1. A device of the class described including a frame, having a horizontal bar, a ring mounted on the bar so that said bar is disposed diametrically across the ring, a pair of rods, a bolt piercing the centers of the rods and the mid point of the bar, bolts projecting through the ends of the rods outside of the ring, other bolts piercing the end portions of the rods inside of the ring, spacing elements on the bolts, the spacing element on the lowermost bolt being provided with a weight element.

1,625,684. REENFORCING MEANS FOR FLEXIBLE COUPLINGS OF PIPE LINES. JOHN C. RODDY, Palatka, Fla. Filed Apr. 22, 1926. Serial No. 103,857. 2 Claims. (Cl. 285—00.)



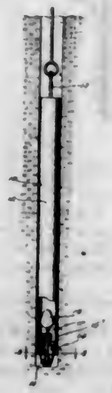
1. Reinforcing means for flexible couplings of pipe lines, including pipe sections, and a flexible coupling connecting said pipe sections, comprising clamp members secured to the pipe sections adjacent to the flexible coupling, said clamp members having spaced arms, rods slidably mounted between said arms and hingedly secured together between the clamp members, and springs mounted on said rods and operatively connected to said arms to normally hold the pipes in alinement.

1,625,685. POCKET HOLDER FOR POOL TABLES. NOAH F. ROLLEY, Karthaus, Pa. Filed Apr. 28, 1925. Serial No. 26,405. 1 Claim. (Cl. 273—12.)



In a pocket holder for pool tables, a bar, a tubular covering for the bar to cushion the impact of balls thereagainst, a pocket suspended by said bar and covering, and fastening elements separate from the bar to secure the same to the table.

1,625,686. BAILER DUMP. STANLEY A. RUTNER, Hill, Calif. Filed May 12, 1926. Serial No. 108,620. 1 Claim. (Cl. 166—19.)

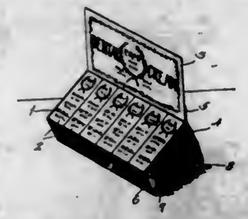


In a bailer dump, a shell, a tubular member fitting within and secured to the lower extremity of said shell, said tubular member having a smooth inside, said tubular member providing a seat, a valve dart having a depending extension with a hole in the lower end thereof, said valve dart adapted to rest on said seat when the valve dart is in its normal position to close the lower end of the shell, a pair of flexible members, each of said flexible members bent and formed of a single piece of material to provide an attaching portion, a bowed portion, and an offset rebent portion, the flexible members being attached to said depending extension of the valve dart by a means extending through the hole in the extension and through the attaching portions of the flexible members respectively, the rebent portions coacting with the depending extension of the valve dart to cause the frictional contact of the bowed portions with the inside of the tubular member, when the valve dart is moved upwardly with respect to the shell, to releasably hold the valve dart off the seat, to open the lower end of the shell.

1,625,687. DISPLAY CARTON. JOHN J. RYAN and JOHN GAFFNEY, New Haven, Conn., assignors to National Folding Box Company, New Haven, Conn., a Corporation of New Jersey. Filed Apr. 17, 1925. Serial No. 23,748. 3 Claims. (Cl. 206—44.)

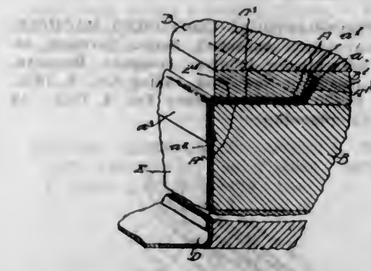
1. As an article of manufacture, a carton blank having a bottom section, a top section, a front section intermediate and unitary with bottom and top sections, a back section, end sections at each end of the bottom section, tabs formed on the edges of said end section opposite said bottom section for folding into the carton, an end section at each end of said top section having tabs

thereon for folding into the carton and an extension which projects further from said end section at given points than at other points and a tab formed as a back-



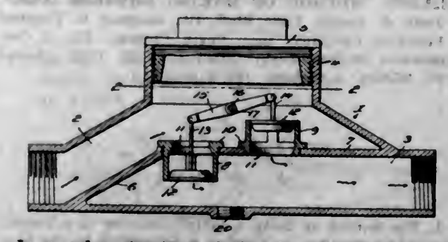
ward extension of said top section, said top being printed to simulate articles in the carton and said tab being printed with an advertising display.

1,625,688. ROOF-FLASHING SEALING AND RETAINING DEVICE. GEORGE W. SCHAEFFER, Chicago, Ill. Filed Nov. 25, 1925. Serial No. 71,314. 1 Claim. (Cl. 108—26.)



A device for the purpose indicated consisting of sheet metal folded to form two similar plies spaced apart for admitting a metal sheet between them, one ply being bent away from the other at right angles along a line parallel to the fold at a substantial distance therefrom, the other ply being left extending beyond said line for a substantial distance for subsequent bending at a like angle after insertion of the metal sheet, and one ply being formed with one or more projections extending for contact with the other ply to maintain the spacing between them before insertion of said sheet.

1,625,689. VALVE STRUCTURE. GEORGE WILLIAM SPANGLER, Greencastle, Pa. Filed Mar. 3, 1925. Serial No. 12,864. 1 Claim. (Cl. 50—38.)



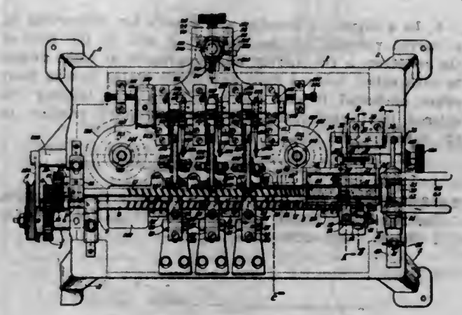
In a valve structure of the class described, a new article of manufacture comprising a casing in the form of a single casting, the central portion of which is substantially Y-shaped in cross-section and formed at its top with outstanding segments carrying an upstanding internally screw-threaded flange, the opposite end portions of the casting being cylindrical in cross-section, the portion of the casing between the ends and the aforesaid central portion being gradually increased in height and provided with inclined top portions, an open top cylinder formed on the exterior one side of the casting, and a closure plug cooperable with the aforesaid flange.

1,625,690. ORNAMENTAL AWNING FABRIC AND METHOD OF MAKING THE SAME. ANDREW SWANFELDT, Los Angeles, Calif. Filed Feb. 11, 1926. Serial No. 87,710. 1 Claim. (Cl. 41—17.)



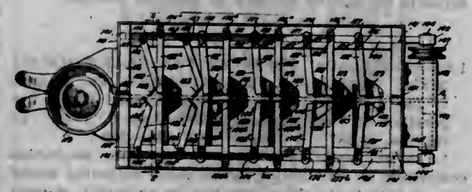
The method of ornamenting awning material which consists in covering the material with a composite design embodying a plurality of dissimilar characters of different colors arranged so as to produce a nonpatterned effect.

1,625,691. NEEDLE-STRAIGHTENING MACHINE. WILLIAM TIVENDALE, Clydebank, Scotland, assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 24, 1925, Serial No. 4,378, and in Great Britain Feb. 13, 1924. 40 Claims. (Cl. 153—39.)



1. A needle-straightening machine having a plurality of hammers arranged to individually act upon each of the needles at different portions of the length thereof, and means for relatively feeding the needles and hammers during effective needle-straightening operations of said hammers.

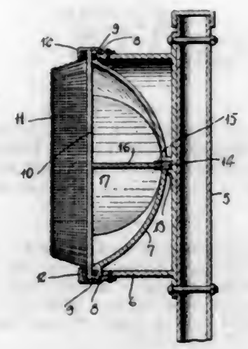
1,625,692. YARN CLEANER. HENRY E. VAN NESS, Elmira, N. Y. Original application filed Feb. 14, 1923, Serial No. 618,883. Divided and this application filed June 4, 1925. Serial No. 34,787. 4 Claims. (Cl. 28—66.)



1. In a yarn cleaner for removing particles from a traveling yarn, two pairs of transverse blades located

so that the yarn passes successively between the inner edges of the blades of each pair, and means for causing alternate separating movements of the blades of each pair.

1,625,693. SIGNAL. THOMAS F. VEST, Birmingham, Ala., assignor of one-half to Two Vest Sign Company, Birmingham, Ala., a Corporation of Alabama. Filed Jan. 15, 1926. Serial No. 81,453. 2 Claims. (Cl. 88—1.)



1. In a signal, a housing and means for supporting it, a curved reflector in the housing, a seat in the wall of the reflector, a rib therein having grooves at right angles to each other, colored light penetrable plates having their edges anchored in the rib, and means for holding the colored light penetrable plates in assembled relation to the reflector and rib.

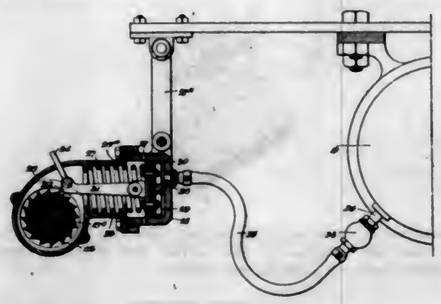
1,625,694. FOLDABLE RACK. HAROLD E. WILLIAMS, Carthage, Mo. Filed July 9, 1925. Serial No. 42,576. 3 Claims. (Cl. 224—29.)



2. A rack comprising an upper longitudinal rail, means for connecting the rack to a running board, foldable jointed supports uniting the rail and the said connecting means, each consisting of a pair of links respectively pivoted to the rail and to the connecting means, and pivotally united with each other, a rigid intermediate bar connecting the jointed supports at their intermediate pivotal connections, and means interposed directly between the top rail and at least one of the jointed foldable supports for holding the rack in extended position.

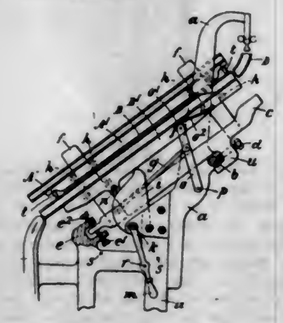
1,625,695. SLACK ADJUSTER FOR BRAKE MECHANISM. WALTER S. ADAMS, Philadelphia, Pa., assignor to The J. G. Brill Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed July 3, 1925. Serial No. 41,287. 5 Claims. (Cl. 188—203.)

1. An automatic slack adjuster for brake mechanism comprising in combination, brake shoes, actuating mechanism for the brake shoes including an adjustable element, an auxiliary cylinder mechanism, means for admitting air to the cylinder whenever the actuating mechanism moves beyond a predetermined position, means connected with the cylinder mechanism for adjusting the adjustable element when the cylinder mechanism is operated by the direct action of the air admitted as aforesaid, and means



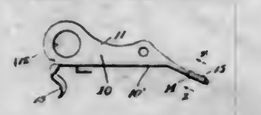
for retaining air in the cylinder mechanism to permit delayed action after the brake shoes are released by the actuating mechanism.

1,625,696. TYPOGRAPHICAL COMPOSING MACHINE. CHRISTIAN AUGUSTUS ALBRECHT, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y., a Company of New York. Filed Nov. 8, 1925, Serial No. 66,470, and in Germany Feb. 4, 1925. 12 Claims. (Cl. 199—45.)



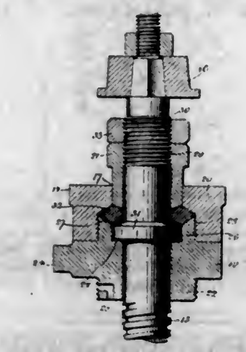
2. A typographical composing machine according to claim 1, characterized by the fact that the shifting devices are so constructed that, without alteration, they are adapted for use in connection with different numbers of magazines.

1,625,697. METHOD OF MAKING BREAKER ARMS. JOHN C. BAKER, Lake Bluff, Ill., assignor to Fansteel Products Company, Inc., North Chicago, Ill., a Corporation of New York. Filed June 17, 1925. Serial No. 37,632. 4 Claims. (Cl. 113—112.)



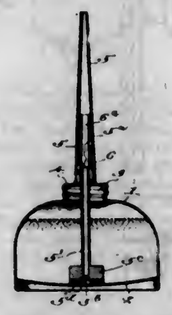
1. The method of fixing a contact member to a breaker arm, which consists in forming a depression in the arm, placing a disc of metallic welding medium in said depression, the thickness of said disc being less than the depth of said depression, placing a contact member above said disc, and then subjecting the arm, contact member and disc to a welding heat while so positioned that the weight of said contact member is the sole means which maintains said member in said depression.

1,625,698. PACKING FOR GATE VALVES. WILLIAM H. BARTON, Montclair, N. J. Filed Nov. 6, 1926. Serial No. 146,761. 3 Claims. (Cl. 251—50.)



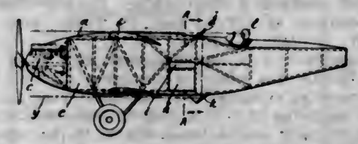
1. In a valve having a stem, a packing box of separable parts having a packing therein, a shoulder on the stem arranged between a portion of said box and the packing, said packing box including a gland adjustably connected with the stem and removable therefrom and co-active with the packing.

1,625,699. HAND OILER. ARTHUR R. BENTON, Beverly Hills, Calif. Filed Jan. 7, 1926. Serial No. 79,764. 7 Claims. (Cl. 221—48.)



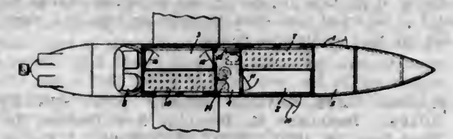
1. A hand liquid dispenser can having its discharge spout provided with an extension within the can, said extension being freely slidable by gravity within the spout and constituting the only inlet to said spout.

1,625,700. FREIGHT-AIRPLANE BODY. ARCHIBALD BLACK, Garden City, N. Y. Filed June 1, 1925. Serial No. 34,260. 8 Claims. (Cl. 244—30.)



1. An airplane body having a cargo compartment comprising substantially flat side walls, and substantially flat top and bottom walls, forming a symmetrical internal cargo space, standardized cargo containers of dimensions corresponding to the said cargo space and openings in the side walls to permit removal of the said containers.

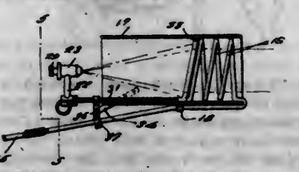
1,625,701. AIRPLANE AND OTHER AIRCRAFT BODY. ARCHIBALD BLACK, Garden City, N. Y. Filed June 8, 1925. Serial No. 35,755. 9 Claims. (Cl. 244—30.)



4. An aircraft body having side walls defining a load carrying compartment, an opening in one side wall to give access to said compartment, a portion of the side wall structure extending below the bottom of the body and below the bottom of the compartment at said opening, to provide the structural strength for the said side wall below the said opening and being arranged to offer minimum resistance to flight, and a foot step carried by said extension.

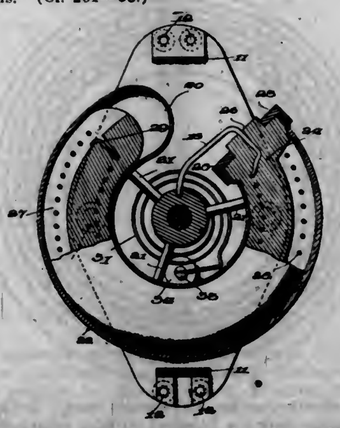
9. An aircraft body having a plurality of passenger accommodating compartments, and a fixed lower berth and an upper berth in each compartment, the said berths being staggered with respect to the longitudinal center of the aircraft.

1,625,702. CACTUS BURNER. JOHN B. BLACKWALL, San Antonio, Tex. Filed July 18, 1925. Serial No. 44,549. 2 Claims. (Cl. 158—33.)



1. A burner of the character described comprising a cylindrical casing having the outer end portion of a pipe line coiled within the forward end thereof, a valve jet secured to the outer end of the pipe line and arranged centrally and in spaced relation adjacent the rear end of the casing, a sliding heat resisting flame deflector arranged within the casing in alinement with the coils, means whereby to adjust said deflector relative to the coils, and a force feed reservoir secured to the opposite end of the pipe line.

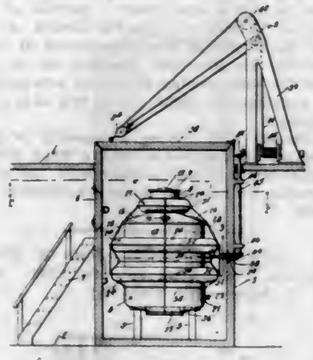
1,625,703. RHEOSTAT. EDWARD HALFORD BOBO, Ranger, Tex. Filed Aug. 21, 1925. Serial No. 51,623. 7 Claims. (Cl. 201—55.)



1. In a rheostat, an arcuate shaped metallic tube, means for rotating the tube about its axis, a core of insulating material arranged in said tube, a resistance

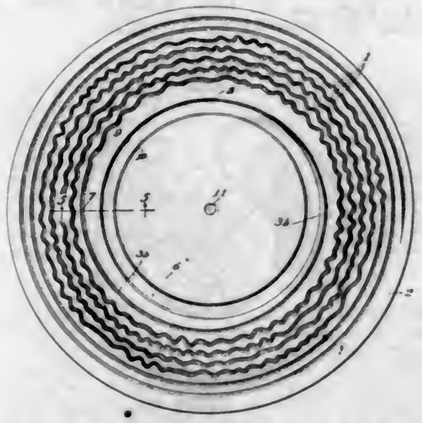
coil molded within said core with a part of each convolution of said resistance exposed, and a body of current conducting liquid in the tube adapted to move with rotation of the tube and during said movement change the point of electrical connection between the tube and resistance coil in a continuous manner.

1,625,704. LIFE-SAVING MEANS FOR SUNKEN SHIPS. BENJAMIN M. BONILLA, New Orleans, La. Filed June 24, 1926. Serial No. 118,295. 3 Claims. (Cl. 114—16.7.)



2. In a life saving mechanism for sunken vessels, a room located in the vessel, a hinged closure for said room, a buoyant structure adapted to be located in the room and to be hermetically sealed, a door lifting device connected with the door of the room, gearing for actuating said lifting device, a shaft extending into said buoyant structure and removably connected with said gearing, means to actuate said shaft, and means to cover the bearing for the shaft when the shaft is withdrawn from engaging the gearing.

1,625,705. SOUND RECORD. FRANK C. HINCKLEY, Stratford, Conn., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed May 29, 1924. Serial No. 716,665. 6 Claims. (Cl. 274—41.)



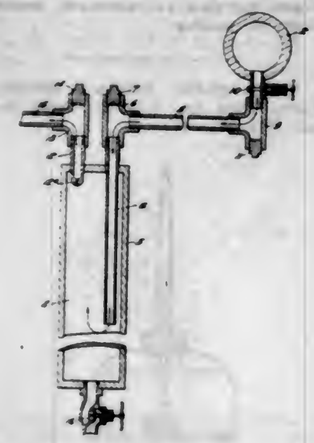
3. A silently ending phonograph record including a body portion having a terminal circular groove provided with a sloping outer wall, and having a high pitch leading-in groove entering the circular groove near the upper edge of the wall and connected with the sound groove.

1,625,706. WAXED MILK-BOTTLE STOPPER MADE OF PASTEBOARD. CATHERINE BRADLEY and LILLIAN MARGHERITTA BRADLEY, Bathurst, New Brunswick, Canada. Filed Apr. 22, 1926, Serial No. 103,948, and in Canada Sept. 21, 1925. 1 Claim. (Cl. 215—51.)



A new and useful closure for a bottle or jar consisting of a disc showing two slots, one thru centre, the other near the edge and parallel to first slot, and a tongue detachably secured to disc by a necessarily larger portion at one end, the other end thereof being passed thru said slots to form an extractor pad or tab.

1,625,707. BLOW-OFF DEVICE FOR STEAM BOILERS. ERWIN CALDWELL, Birmingham, Ala., assignor to Perry-Caldwell Manufacturing Company (Inc.), a Corporation of Alabama. Filed Jan. 21, 1925. Serial No. 3,818. 6 Claims. (Cl. 122—382.)



1. A blow-off device for steam boilers comprising a receptacle having means for connecting it to receive water from the water space of a boiler, and refuse-water discharge means leading from said receptacle at a point removed from the path of the boiler water entering it and having a restricted orifice leading upwardly from the upper portion of the receptacle for continuously discharging the boiler water received by the receptacle.

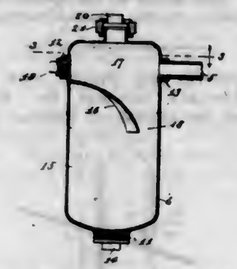
1,625,708. ILLUMINATED SIGN. EUGENE CARRAINE, Philadelphia, Pa. Filed Oct. 31, 1925. Serial No. 65,967. 1 Claim. (Cl. 40—132.)

The combination in an illuminated sign, of a front section having open letters or characters therein; transparent material extending over the open spaces; a body portion consisting of a back and two side members, one edge of the body section being secured to the front section; a strip at the back of the front section under which the opposite end of the body section is located; top and bottom sections hinged to the front section, the top section extending over the body section and the bottom extending within the body section; perforated lugs at the upper edge of the body portion; slots in the top section through which the lugs extend; tongues on the body section extending into the perforations of the lugs; perforated lugs on the bottom section, slots in the body



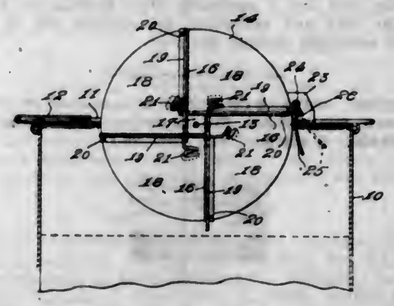
portion through which the lugs extend; and tongues on the body portion extending through the perforations in the lugs, locking the parts together.

1,625,709. SEDIMENT TRAP FOR BOILERS. FREDERICK CONRAD, Bogota, N. J., assignor of one-half to Bertha L. Conrad, Bogota, N. J. Filed Mar. 6, 1926. Serial No. 92,878. 2 Claims. (Cl. 210—57.)



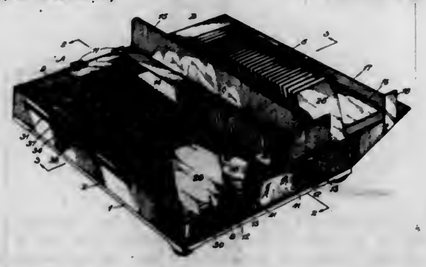
1. A sediment trap for domestic boilers comprising a body having top and bottom openings and a pair of side openings near the top, means for closing certain of said openings, and a division plate for dividing the body into upper and lower compartments, said division plate being arranged below said side opening and inclined from the horizontal to almost the vertical so that sediment deposited thereon will move to the lowermost part thereof and then drop into the lower compartment, said lowermostpart being spaced from the wall of the body to present a passage-way.

1,625,710. TRAP. HENRY J. CORSON, Orville, Wash., assignor of one-half to William H. Comkle, Orville, Wash. Filed June 11, 1926. Serial No. 115,316. 2 Claims. (Cl. 43—72.)



1. An animal trap comprising a container, a stationary platform thereon, a rotor at the inner end of the platform, said rotor including spaced side walls, circumferentially spaced platforms extending outwardly from a point substantially central of the rotor and providing together with the side walls, separate compartments, a trigger movable longitudinally of each compartment and adapted to extend beyond the outer end thereof, a pivotally mounted plate arranged in the path of the extended end of the trigger and having an opening therein to receive said trigger and hold the latter against movement and a bait holder at the inner end of the trigger, whereby an animal may pull the trigger longitudinally to release the rotor.

1,625,711. SORTING DEVICE. GEORGE W. COX, Jr., Washington, D. C., assignor to National Assorting Company, Washington, D. C., a Corporation of Delaware. Filed Sept. 26, 1925. Serial No. 58,893. 30 Claims. (Cl. 129—16.)



1. A sorting device comprising a plurality of movable elements each provided with a plurality of tabs, the tabs of the several elements being arranged in a plurality of parallel rows, each element being provided with a plurality of sets of indicia, each set of which is classified in accordance with the classification of one of said rows, and means spacing each element of each row from the adjacent element in the same row.

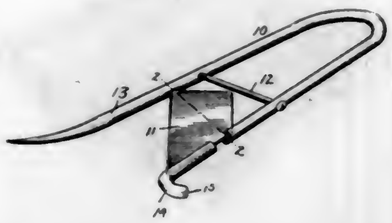
1,625,712. APPARATUS FOR COOLING BY THE EXPANSION OF GASES. VICTOR CREMIEU, Colombieres-sur-Orb, France. Filed Jan. 9, 1926, Serial No. 80,198, and in France May 12, 1925. 2 Claims. (Cl. 62—92.)



1. An apparatus for the production of cold by the expansion of compressed gas, comprising a stationary supply tube adapted for connection with a source of compressed gas, a tapered seating provided at the end of said tube, a stationary tube surrounding the said supply tube upon a portion of its length and a slidable element comprising an internal tube which is slidable with a slight

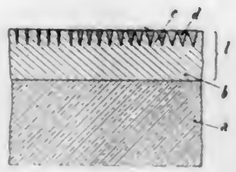
play in the space between the two stationary tubes, said internal tube having a tapered seating cooperating with the said seating of the first-mentioned stationary tube, a closed chamber surrounding this last-mentioned seating, and an external tube slidable with a slight play upon the second stationary tube, narrow channels being formed through the wall of the said seating of the first-mentioned stationary tube, other narrow channels being formed upon the tapered surface of the said seating, said channels serving for the flow of the gas contained in the first-mentioned stationary tube into the space between said tube and the internal tube of the said movable element.

1,625,713. CORN KNIFE. JOHN F. CULLISON, Oberlin, Kans. Filed Apr. 1, 1925. Serial No. 19,940. 1 Claim. (Cl. 30—9.)



A broom corn knife comprising a handle, having legs and a blade situated between the legs, with its cutting edge extending obliquely and providing an angular space between it and one of the legs, said leg being longer than the other leg and outturned from the other leg and being of tapering form at its free end, and said other leg being blunt.

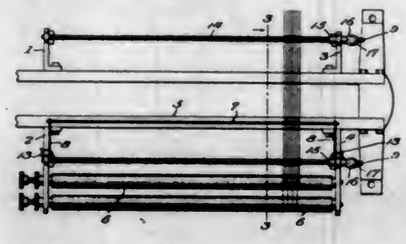
1,625,714. PHOTOCOLLOGRAPHIC PRINTING PLATE AND METHOD FOR PRODUCING THE SAME. MARIANO DE' SPERATI, Turin, Italy, assignor to Argentographica (U. S. A.) Limited, London, England, a Company of England. Filed May 12, 1926, Serial No. 108,616, and in Italy May 3, 1925. 8 Claims. (Cl. 41—41.5.)



1. A printing plate comprising a support, a layer of colloidal material on said support, said layer comprising a moisture impervious sheet immediately adjacent to said support and a moisture pervious sheet on its skin or surface remote from said support, said moisture pervious sheet having definite, relatively small hard and impervious spots for inking and printing purposes.

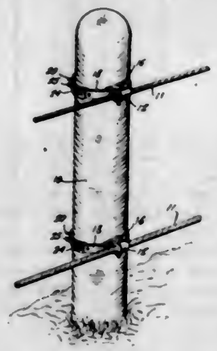
8. A printing plate comprising a support; and a layer of colloidal material on the support which is hardened and impervious to moisture with the exception of an extremely thin superficial skin that is differentiated in hardened portions and pervious portions to form the printing surface.

1,625,715. RACK FOR HOLDING WARP THREADS. HUGH P. EANES, Asheville, N. C., assignor to Paramount Machine Company, a Corporation of North Carolina. Original application filed Aug. 2, 1924, Serial No. 729,666. Divided and this application filed Aug. 2, 1924. Serial No. 729,709. 3 Claims. (Cl. 28—42.)



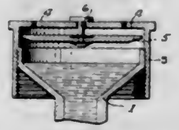
1. A device of the character described including a support, a rod held thereby, a spiral spring sleeved over the said rod and adapted to receive threads drawn over the rod between its coils, a sleeve mounted on the rod and adapted to be moved longitudinally thereof for adjusting the tension of the spring, and means for holding said sleeve in its adjusted position.

1,625,716. PROTECTOR FENCE FOR HIGHWAYS. CHARLES EDWARDS, Lansford, Pa. Filed Dec. 29, 1926. Serial No. 157,838. 2 Claims. (Cl. 256—54.)



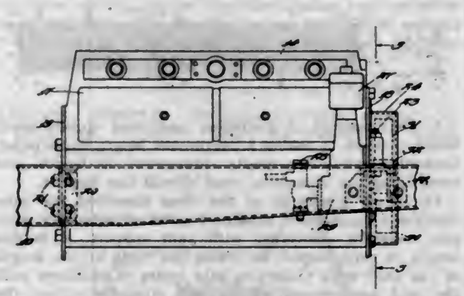
1. In a rope fence protector for highways, the combination with posts, ropes for said posts, of yokes contacting with and removably secured to the posts, a cross sectional U-shaped rope guide having its arms received in the yoke and a removable pivot holding the guide in the yoke and permitting the rounded end of the guide extending through the yoke.

1,625,717. GREASE-CUP VALVE. ARTHUR B. FAIRCHILD, Buhl, Idaho. Filed July 14, 1926. Serial No. 122,428. 2 Claims. (Cl. 184—89.)



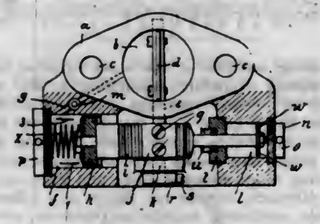
1. A grease cup having perforations in the ends of its cap, a washer closing the perforations and manually operated means for moving the washer away from the perforations to permit air to enter the cap.

1,625,718. AUTOMOBILE ENGINE. STEPHEN IVAN FERETE and STUART G. BAITS, Detroit, Mich., assignors to Hudson Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed May 18, 1925. Serial No. 29,928. 6 Claims. (Cl. 123—195.)



1. The combination of an engine block, a crankshaft, a cam shaft, a third shaft for driving one or more of the essential moving parts of the engine, said engine block having centers for said crankshaft and cam shaft, and a flat plate secured to one face of said engine block and carrying the center for said third shaft.

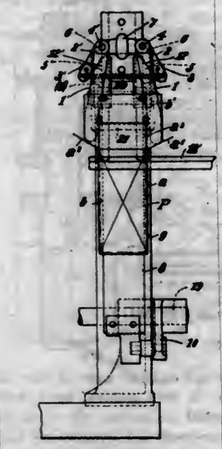
1,625,719. AUTOMATIC REGULATOR FOR INTERNAL-COMBUSTION ENGINES. LOUIS FERRETTE, Paris, France. Filed May 4, 1926, Serial No. 106,774, and in France Jan. 6, 1926. 2 Claims. (Cl. 137—153.)



1. An automatic regulating device for internal combustion engines comprising a main body block, an aperture therein through which fuel is admitted to the intake manifold of an engine, a throttle valve pivotally mounted in said aperture, a shaft reciprocable in said block at right angles to the throttle axis, a piston on one end of said shaft and responsive to negative pressure in said aperture, a spring for returning the piston to its initial position, a conduit entirely within the body block allowing communication between the fuel aperture and the space at the head of said piston, a damping device attached to the opposite end of said shaft and opposing movement of said piston, and throttle operating mechanism located between the piston and damping device and actuated by movement of said shaft.

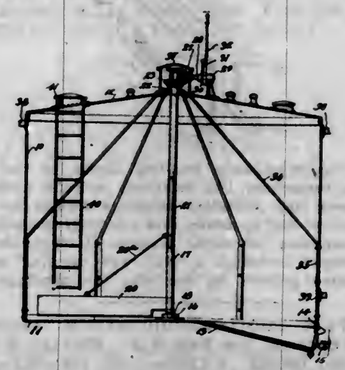
1,625,720. CLOSING PARCELS. PAUL GANOLER, Esslingen, Germany, assignor to the Firm Fr. Hesser Maschinenfabrik-Aktiengesellschaft, Stuttgart-Cannstatt, Germany. Filed Oct. 6, 1923, Serial No. 666,987, and in Germany Oct. 17, 1922. 5 Claims. (Cl. 93—6.)

1. In a device for closing a filled bag, means for flattening the empty portion of the bag, horizontal rotary means adapted to grip the uppermost edge of said flattened empty portion, means for rotating said horizontal rotary means, causing them to coil the said



empty portion, and means for reducing the relative distance of the said horizontal means from the top of the filled portion of the bag while coiling the empty portion.

1,625,721. TANK CLEANER. EDWARD J. HAHN, Gridley, Kans. Filed May 5, 1925. Serial No. 28,186. 9 Claims. (Cl. 210—209.)

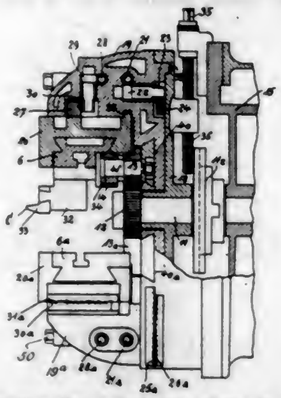


1. A cleaning device for tanks comprising a rotatable shaft adapted to be supported therein, a blade laterally projecting from the lower end of the shaft and disposed adjacent the bottom of the tank, and means disposed at the upper end of said shaft for adjusting the blade longitudinally thereof.

1,625,722. BEVEL-WHEEL-SHAPING DEVICE OPERATING BY ROLLING MOVEMENTS. MARTIN HARBECK, Grossflottbeck, near Hamburg, Germany, assignor to Heidenreich & Harbeck, Hamburg, Germany. Filed Jan. 14, 1926, Serial No. 81,812, and in Germany Nov. 13, 1924. 3 Claims. (Cl. 90—9.)

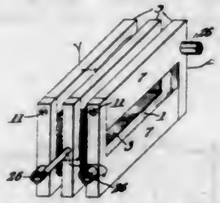
1. A bevel wheel shaping machine operating by rolling movement of the blank, comprising a blank carrier and cutters, both adapted to rotate about axes fixed as to space, means for adjusting the cutters of two intersecting axes including a face plate, angular guides adjustable in a circular path on said face plate, ran

guides carried by said angular guides and adjustable with respect to the angular guides in paths concentric to an



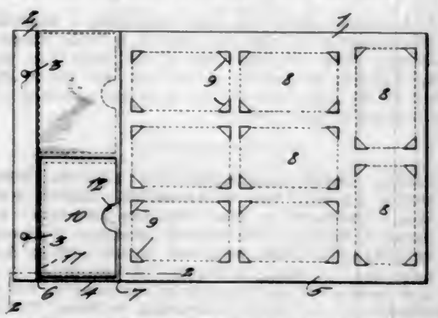
axis intersecting the central axis of the face plate, and rams reciprocable in said guides, upon which rams said cutters are mounted.

1,625,723. INDUCTIVE-COUPLING DEVICE. LEWIS M. HULL, Mountain Lakes, and RICHARD W. SEABURY, Boonton, N. J., assignors to Radio Frequency Laboratories, Incorporated, Boonton, N. J., a Corporation of New Jersey. Filed Dec. 27, 1922. Serial No. 609,230. 7 Claims. (Cl. 171—119.)



1. An electro-magnetic coupling device of the type described, comprising two relatively movable elements, and primary and secondary windings formed by twin conductors on said elements, said relatively movable elements comprising concentric surfaces of revolution, the outer element including a thin web carrying spaced ribs, forming grooves for receiving the windings.

1,625,724. PHOTOGRAPHIC ALBUM. FERDINAND HUSZTI-HORVATH, New York, N. Y. Filed Oct. 4, 1926. Serial No. 139,502. 6 Claims. (Cl. 129—20.)



1. A photograph or like album made up of leaves each including a main section and a stub section, the stub section being provided on opposite surfaces in offset relation with pockets.

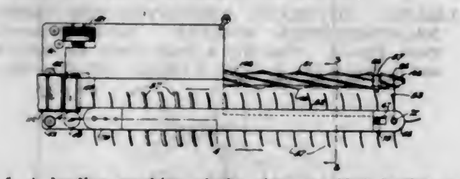
1,625,725. METHOD AND APPARATUS FOR PROVIDING PARACHUTE SHROUD LINES. LESLIE L. IRVIN, Buffalo, N. Y., assignor to Irvin Air Chute Co., Buffalo, N. Y., a Corporation of New York. Filed May 15, 1925. Serial No. 30,584. 30 Claims. (Cl. 33—125.)



1. That method of producing parachute shroud cords which consists in taking a continuous length of material, tensioning the same equally throughout its length, and subdividing the same into equal shroud line lengths.

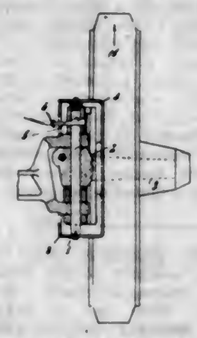
18. In an apparatus of the class described the combination of a support, a pair of series of relatively movable members associated with said support, a flexible length of cord, means for fixing the ends of the length of the cord with respect to said series of members with the said cord wound sig-zag and alternately from the one series of members above the other series of members thus subdividing the said cord into a plurality of lengths of cord, and means for moving the one series of members away from the other series of members to tension said lengths of cord.

1,625,726. COAL-LOADING MACHINE. THOMAS L. JOHNSON, Charleston, W. Va. Filed Mar. 18, 1925. Serial No. 16,472. 9 Claims. (Cl. 198—9.)



1. A loading machine of the class specified having a forward loading extremity comprising a flat receiving plate with an endless receiving conveyor at one side edge thereof and a guard near the opposite side edge, the conveyor having flights movable over the said plate between the supporting means therefor and the said guard, and a feeding roller disposed above and near one side of the plate outwardly beyond the guard, said roller having spiral blades continuing lengthwise thereover, and means for operating the receiving conveyor and roller.

1,625,727. BRAKE DEVICE. HENRI WOUTER JONKHOFF, Semarang, Java, Dutch East Indies. Filed Apr. 8, 1924, Serial No. 705,116, and in the Netherlands Mar. 21, 1922. 5 Claims. (Cl. 188—140.)



1. An automatic device for applying wheel brakes, comprising, mechanism for use with a wheel and its brake, the mechanism including, a drum mounted to remain

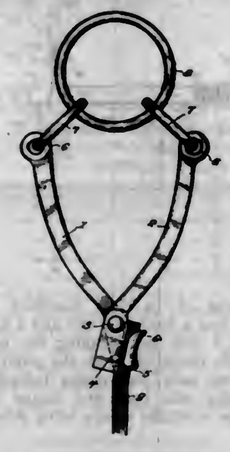
stationary upon rotation of the wheel in one direction, detent means to cause the drum to rotate with the wheel upon rotation in the other direction, and connecting means between the drum and the brake arranged to apply the brake upon rotation of the drum, the detent means being a bell crank lever pivoted to the drum, one arm of the lever bearing against the wheel spokes and operating as a pawl therewith, whereby in one direction it permits passage of the wheel spokes, and in the other direction it is entrained by the wheel spokes.

1,625,728. BOTTLE. MICHAEL A. KLEIN, Chicago, Ill. Filed Jan. 18, 1923. Serial No. 613,502. 1 Claim. (Cl. 215—1.)



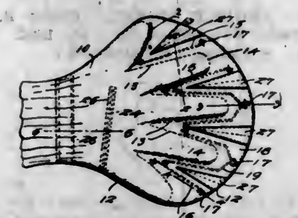
In a bottle comprising an elongated body normally positioned in a longitudinal plane and resting on one of the side walls of the body when in an inoperative position and formed substantially rectangular in cross section and having its longitudinal edge portions bevelled, one of the end walls of said body being rounded, and a neck defined by the body, the other of the end walls of the body being curved outwardly and inwardly with respect to the body and merging into the wall of the neck whereby said body may be rolled upon said other end portion to dispose the neck in substantially a horizontal plane, substantially as described.

1,625,729. TONGS. JOHN HOWARD KRUM, Bonners Ferry, Idaho, assignor of one-half to Charles Earl McGlocklin and Elmer David Traver, Bonners Ferry, Idaho. Filed July 6, 1925. Serial No. 41,843. 1 Claim. (Cl. 24—132.)



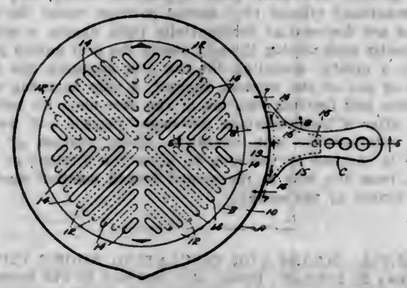
A cable tongs comprising oppositely disposed arms which cross each other and are pivoted together adjacent one end thereof, the end of one arm adjacent the pivot being flattened by having its inner face concaved longitudinally to form a jaw, the other arm being likewise flattened adjacent the pivot points and having its inner face widened from its inner edge and the outer edge of the widened portion rounded inwardly to form a second jaw, the inner end of the second jaw being curved outwardly and the opposite end of the second jaw being substantially straight and the said second jaw being bowed inwardly with one end curved in opposed relation, and means attached to the arms opposite the jaws whereby to move said jaws toward and away from each other.

1,625,730. WEBBED HAND FOR SWIMMERS. ALEXANDER HENRY LAKE, Marshfield, Wis. Filed May 29, 1926. Serial No. 112,621. 9 Claims. (Cl. 9—21.5.)



2. A webbed hand for swimmers comprising a member having a pocket to receive the hand and spread fingers of the wearer and providing a web between the fingers and extended beyond the ends of the fingers and reinforcing elements for the extended portions of the web and extending between the finger receiving portions of the pocket, said reinforcing elements being curved to cup the extended portions of the web at the palm side thereof.

1,625,731. HANDLE FOR COOKING UTENSILS. ALEXANDER F. LEE, Boston, Mass. Filed Nov. 19, 1925. Serial No. 70,020. 1 Claim. (Cl. 53—5.)



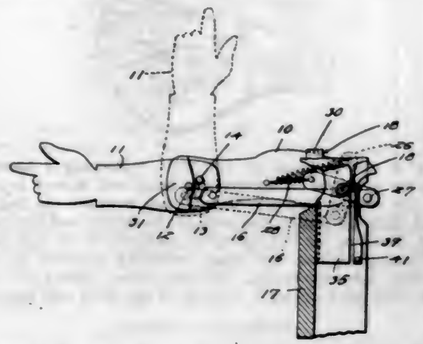
A cooking utensil having a metallic stem projecting therefrom and a metallic handle having a portion at one end thereof overlapping said stem, spaced apart from said stem and secured to said stem at a plurality of points, there being an air space between the overlapping portions of said stem and handle and between the said handl and the body of the utensil, said points of attachment being small relative to the area of the overlapping portions and being the only metallic contact between the said handle and the body and stem of the utensil.

1,625,732. MANUFACTURE OF BUTYRIC ACIDS AND OTHER ALIPHATIC ACIDS. LOUIS LE FRANC, Paris, France, assignor to Lefranc & Cie., Paris, France, a Company. Filed Aug. 18, 1922, Serial No. 582,804, and in France Sept. 26, 1921. 1 Claim. (Cl. 260—120.)

A process of manufacture of butyric acid, starting with cellulosic substances which comprises the following steps: first reducing said cellulosic substances into a powder; hydrolyzing said powdered substances into a sugar must at about 170° C.; neutralizing the acids produced by means of calcium carbonate; purifying by add-

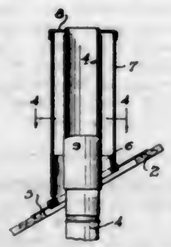
ing calcium oxide until an alkaline reaction is shown, whereby the harmful impurities are precipitated and the medium is adapted to the biochemical action; bringing the must to about 40° C.; preparing a culture by sowing sugary solutions with bacilli of the types found in garden soil; effecting successive fermentations of said culture at 40° C.; sowing the purified must with the culture thus prepared which is capable of a symbiotic action upon the must; allowing said sown must to ferment in a closed vessel and separating the butyric acid obtained in the form of a butyrate substantially as described.

1,625,733. VEHICLE SIGNAL. EDWIN R. LINEHAN, River Falls, Wis. Filed Nov. 16, 1926. Serial No. 148,704. 8 Claims. (Cl. 116—52.)



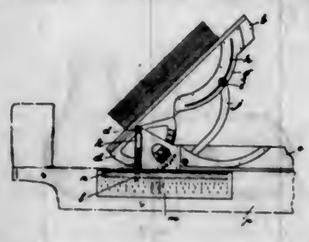
1. A signal of the type described comprising an arm formed in two sections connected at their adjacent ends for pivotal movement from a position where they are substantially aligned to a second position where the sections are disposed at substantially right angles, a spring normally maintaining the sections in the first named position, a pivotal mounting for the arm engaging the free end of one of the sections thereof, a stop engaging said section and limiting rotation of the arm upon its mounting after a predetermined movement thereof and means for rotating the arm operative when rotation of the arm is checked by the stop to move the sections of the arm from the first to the second named position against the action of the spring.

1,625,734. MEANS FOR INSULATING SMOKE PIPES. LENA E. LINHART, Dawn, Mo., assignor to The Buckeye Incubator Company, Springfield, Ohio, a Corporation of Ohio. Filed Sept. 1, 1925. Serial No. 53,844. 2 Claims. (Cl. 126—314.)



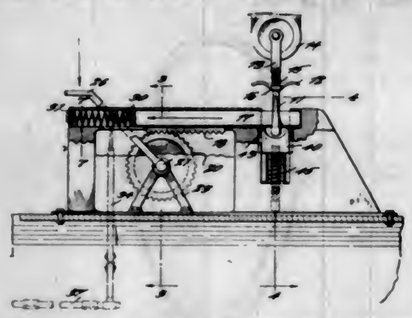
1. The combination, with the smoke pipe of a stove located in an inclosing structure, the upper part of which extends through an opening of said structure into outside atmosphere, of a thimble-like member secured to said structure about said opening and through which said pipe passes, and a single jacket of uniform diameter throughout for the upper end of said pipe spaced therefrom to form an air chamber, the upper end of said jacket being closed to outside atmosphere and the lower end fitted to said thimble with a tight fit to close said jacket to outer air at the lower end thereof, leaving the air chamber formed by said jacket in communication only with the air in said structure.

1,625,735. DRAFTING INSTRUMENT. MICHAEL MAURER, Spisska Nova Ves, Czechoslovakia. Filed Nov. 21, 1925. Serial No. 70,641. 1 Claim. (Cl. 33—75.)



A drawing instrument comprising a straight-edge, a protractor member bearing a scale, secured to an edge thereof at one end of said edge, a guide plate having an arcuate slot secured to said straight-edge, a second straight-edge, a plate carried thereby, means pivoting said first-named straight-edge to said plate concentric with said protractor, said plate having an opening through which the protractor scale may be read, a strut having one end pivoted to said second-named straight-edge, means connecting the other end slidingly in said slot, a pointer on the second-named straight-edge, and adjustable normally to said edge and a third straight-edge having a scale thereon for co-operation with the said pointer.

1,625,736. BOAT RETAINING AND RELEASING DEVICE. GUS MENEFEE, Atlanta, Ga. Filed June 11, 1926. Serial No. 115,308. 4 Claims. (Cl. 9—23.)

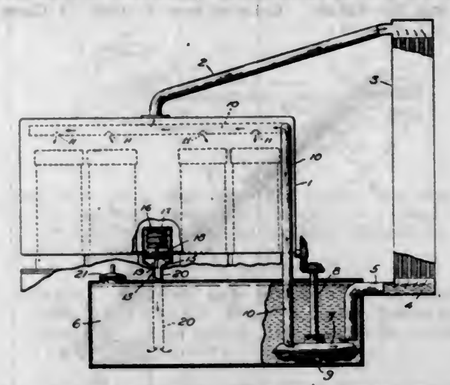


1. In apparatus of the class described, boat launching means including a block and fall and a hook connected with the block, a bolt for engaging the hook, a pedal, means operatively connected with the pedal for releasing the bolt from the hook, and means independently operated for releasing said bolt, and means retaining the bolt inactive, the retaining means being releasable by the hook.

1,625,737. MEANS AND METHOD OF COOLING INTERNAL-COMBUSTION ENGINES. WELLINGTON W. MUIR, Lockport, N. Y. Filed Nov. 20, 1922. Serial No. 602,267. 11 Claims. (Cl. 123—178.)

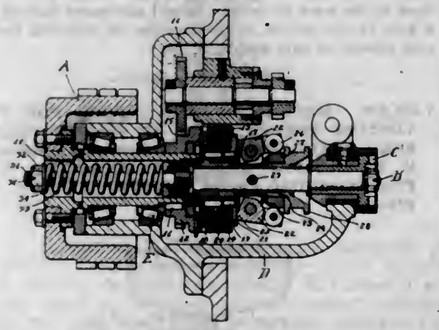
1. In a cooling system for an internal combustion engine, the combination of a jacket; a tank; a radiator;

a pump located in said tank; connections between said jacket and radiator; connections between said radiator and tank; connections by which said pump forces liquid



from said tank back to said jacket; connections by which said liquid flows from said jacket back to said tank; and a thermostatically controlled valve for governing said last named connection.

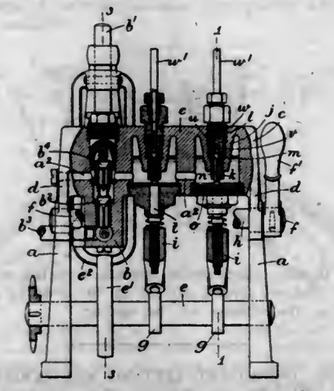
1,625,738. MACHINE TOOL CLUTCH. LESTER F. NENNINGER, Cincinnati, Ohio, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed May 9, 1925. Serial No. 29,202. 3 Claims. (Cl. 192—69.)



1. A clutch mechanism including a sleeve having a clutch spider portion and a contained spindle, the spider having clutch elements loosely associated therewith and the spindle having additional clutch elements mounted thereon and in co-operative relation to the clutch elements of the spider, the series of clutch elements being axially shiftable as an entirety on the spindle, a clutch finger hub secured on the spindle adjacent said parts, clamping fingers pivoted to said hub and provided with cam portions for operatively engaging certain of the clutch elements to exert a clamping action thereagainst, means on the spindle for shifting said fingers into and out of clamping position, and a compression spring supported by the spindle in position to engage the clutch elements and resist axial movement of the clutch as an entirety when clamping pressure is applied through the movement of the fingers.

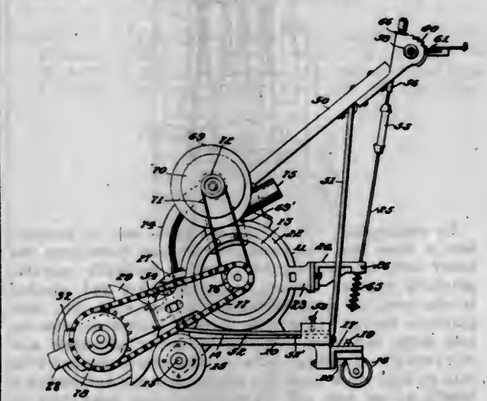
1,625,739. MEANS OR ARRANGEMENT FOR SUPPLYING LIQUID FUEL TO INTERNAL-COMBUSTION ENGINES. SIMON DOKK OLSEN, London, England. Filed Oct. 3, 1924, Serial No. 741,512, and in Great Britain Oct. 26, 1923. 5 Claims. (Cl. 123—139.)

1. In a liquid fuel supply device for internal-combustion engines, the combination of an accumulator reservoir arrangement, a distributor valve and a restricted oil passage leading therefrom and separate from said valve,



so that the fuel supply depends on the time the valve is open, and is independent of the extent of the opening, substantially as described.

1,625,740. FLOOR-SURFACING MACHINE. WILLIAM PASCHALL, Birmingham, Ala. Filed Aug. 13, 1924. Serial No. 731,855. 32 Claims. (Cl. 51—176.)



1. A floor surfacing machine comprising a base, a pair of coaxial upright ring bearings supported on the base, rings pivotally mounted on said ring bearings, arms extending forward from the rings, a surfacing drum on said arms, arms projecting rearwardly from said rings, a main handle also projecting rearwardly, and connections between said handle and said rearwardly projecting arms for varying the relation of the drum to the floor, substantially as set forth.

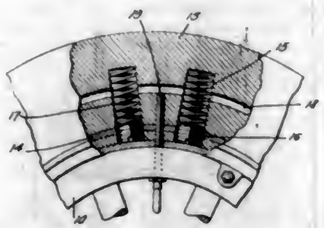
1,625,741. STEEL. OTTO PATTERMANN, Kladno, Czechoslovakia, assignor to Poldihütte, Palackeho Trida, Praha-Vinohrady, Czechoslovakia, a Joint Stock Company. Filed Jan. 29, 1926, Serial No. 84,754, and in Germany Jan. 8, 1925. 2 Claims. (Cl. 75—1.)

1. A special steel comprising 10% tungsten, 3% chromium and 3% nickel.

1,625,742. RESILIENT TIRE. EDGAR W. PERRY, Boston, Mass. Filed Nov. 6, 1925. Serial No. 67,363. 2 Claims. (Cl. 152—8.)

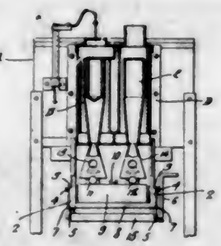
1. A resilient tire of the character described having an annular plate arranged therein adjacent the inner periph-

ery thereof, an air duct extending annularly of the tire and radially disposed interconnected pockets being ar-



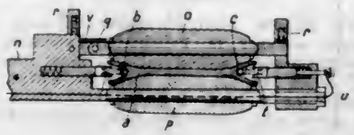
ranged therein, compression springs mounted within the pockets, and set screws carried by the annular plate for regulating the tension of the springs.

1,625,743. ORGANIZED LIFTING MECHANISM. ROBERT L. RAMSEY, Ben Wheeler, Tex. Original application filed Feb. 19, 1925, Serial No. 10,356. Divided and this application filed Aug. 7, 1926. Serial No. 127,956. 1 Claim. (Cl. 126—96.)



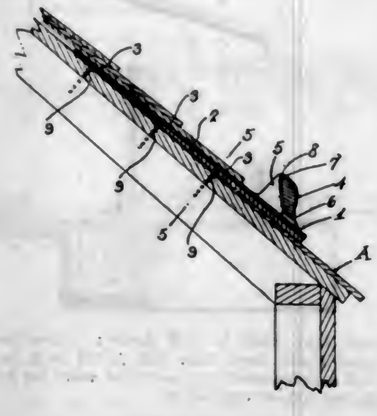
In combination, vertical spaced guide bars in parallelism, a cross bar interposed between and connecting the lower ends of said vertical bars, a vertically movable platform disposed between said guide bars and adapted in one position to be supported by said cross bar, said platform having at its ends vertical sleeves movable on said guide bars, and said sleeves having outwardly and downwardly extending arms, a rock shaft journaled in said vertical guide bars, below said cross bar and having a handle at one end, and vertically-disposed cams fixed to said rock shaft alongside said sleeves and located between the sleeves and the downwardly extending portions of said arms.

1,625,744. ELECTRIC-TRACTION SYSTEM FOR AGRICULTURAL IMPLEMENTS. FRANZ REMY, Fosses-lez-Namur, Belgium. Filed Apr. 19, 1926, Serial No. 103,132, and in Belgium Apr. 28, 1925. 6 Claims. (Cl. 191—12.)



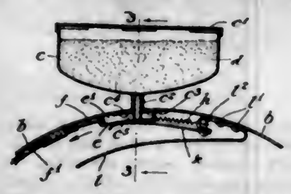
1. In an electric traction system for agricultural implements, a pair of fixed aerial conductors, current collecting elements movable along said conductors, a connecting cable supported on the ground and connected to said collector elements and means movable along said cable for collecting current therefrom.

1,625,745. HOOK BRACKET. JOHN J. RHODES, South Hamilton, Mass., assignor of one-half to Fred M. Gordon, South Hamilton, Mass. Filed June 30, 1924, Serial No. 723,297. Renewed Sept. 1, 1926. 1 Claim. (Cl. 304—19.)



A hook supporting bracket for a roof, comprising a stem and a head, the stem having holes therein so that it can be nailed to the roof, a semi-cup shaped member connected with the head to form a recess for receiving the head of a hook, the upper edge of said member having a curved recess therein to receive a portion of the stem of the hook to prevent lateral movement thereof and a hole in the bottom of the member for draining the recess formed by said member.

1,625,746. METHOD OF AND DEVICE FOR PREVENTING THE SKIDDING OF SELF-PROPELLED ROAD VEHICLES. ISADORE L. ROSENTHAL, Brooklyn, N. Y., assignor to Julia Rosenthal, Brooklyn, N. Y. Filed Jan. 2, 1926. Serial No. 78,735. 3 Claims. (Cl. 291—1.)

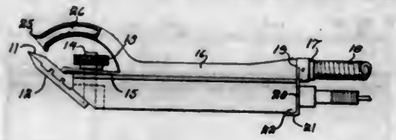


2. Devices of the character described comprising a container for friction material mounted on the mud guard and having flanges secured thereto, a discharge spout for the material, a valve plate slidable along the undersurface of the mud guard and disposed in operative relation to the spout to control the escape of material therefrom, spring means to resist yieldingly movement of the valve, a flexible cable secured to the valve and provided with means at the operator's seat for the application of force thereto, means to guide the valve in its movements and a curved baffle on which the material is discharged, said baffle directing the material to the tread of a road wheel.

1,625,747. ATTACHMENT FOR HAIR CLIPPERS. MARTIN LOVEJOY RUFF, Jacksonville, Fla. Filed May 19, 1926. Serial No. 110,271. 2 Claims. (Cl. 30—1.)

1. The combination with a pair of clippers having cutting blades, and adjusting means, of an exhaust air duct

connected with the handle portion of the clippers and curved over the adjusting means to a point adjacent to the edges of the blades and means extending from the



base of the duct, along the handle portion, and engaged by the adjusting means, for retaining the forward end of the duct in operative position with reference to the blades.

1,625,748. MACHINE FOR CUTTING OR SEVERING METALLIC BARS. FRITZ SCHIESS, Lichtensteig, Switzerland. Filed Jan. 25, 1923. Serial No. 615,131. 1 Claim. (Cl. 164—95.)



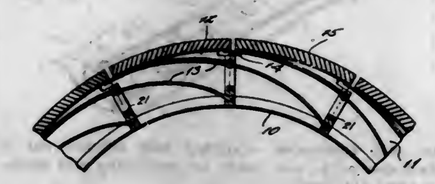
In a machine of the class described, the combination of a fixed die, a pair of independently operable dies opposite said fixed die, independently operable fluid pressure actuated means for actuating said independently operable dies, and comprising a pair of pistons, arranged one within the other, and means to yieldingly resist the movement of one of said pair of dies.

1,625,749. COMPOSITE ARTICLE AND PROCESS OF MAKING SAME. RICHARD W. SEABURY, Boonton, N. J., assignor to Radio Frequency Laboratories, Incorporated, Boonton, N. J., a Corporation of New Jersey. Filed July 21, 1922. Serial No. 576,637. 3 Claims. (Cl. 20—89.)



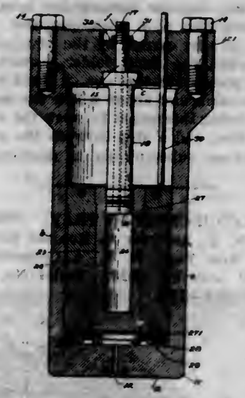
1. A composite article presenting an exterior surface of wood, and a fibrous base therefor, the wood cemented to the fibrous base by means of an infusible phenolic condensation product and impregnated therewith from within outwardly, said fibrous base impregnated with a bituminous material.

1,625,750. TIRE. LOUIS C. SNYDER, Boonville, Ind. Filed Jan. 6, 1926. Serial No. 79,628. 2 Claims. (Cl. 152—8.)



2. A tire comprising a rim, a circumferential series of resilient elements having their inner extremities fixed with relation to the rim, and their outer extremities spaced in overlapped relation and tangentially disposed, a tapered metallic shoe including opposed angular shaped members arranged upon and secured to each element adjacent the free end thereof, said members being slotted at their inner ends to slidably receive the adjacent end of the next resilient element, a covering of relatively soft material carried by each shoe, and said shoes unitedly defining a sectional outer rim.

1,625,751. FLUID-PRESSURE INTENSIFIER. JOHN C. SOLBERG, Arlington, Mass., assignor of one-half to Frederick C. Langenberg, Cambridge, Mass. Filed June 12, 1925. Serial No. 36,755. 3 Claims. (Cl. 138—10.)

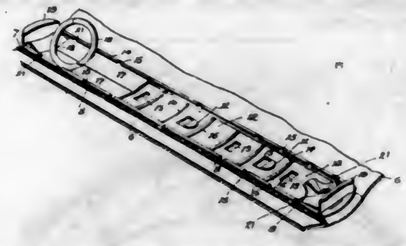


1. In combination, a main cylinder, a movable piston therein having a high pressure cylinder formed therein, a ram fixed with relation to the main cylinder and working in the high pressure cylinder, said ram comprising two parts movable with relation to each other, one of said parts being a sleeve secured to the main cylinder, the other of said parts being a headed stem and a packing between the end of the sleeve and the end face of the head of the stem.

1,625,752. LOOSE-LEAF BINDER. HARRY C. STERLING, Syracuse, N. Y., assignor to McMillan Book Company, Syracuse, N. Y., a Corporation of New York. Filed Nov. 14, 1923. Serial No. 674,661. 3 Claims. (Cl. 129—24.)

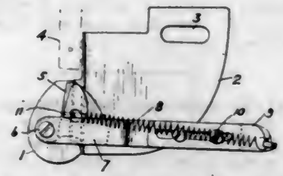
1. In a loose-leaf binder, the combination of a flexible cover; a trough-like metal supporting plate reinforcing the back of said cover; thread stitches passing through

said plate and cover and connecting the same with each other; a leaf engaging mechanism distinct from said



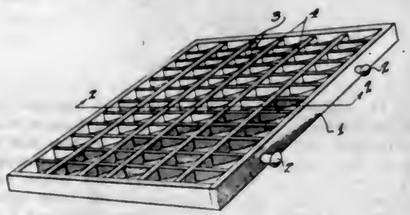
plate, said mechanism overlying said stitches out of contact therewith; and means for connecting said mechanism with said plate.

1,625,753. HEMMER FOR SEWING MACHINES. FREDERICK THOMAS, Philadelphia, Pa., assignor to Rhode Island Braiding Machine Company, Philadelphia, Pa., a Corporation of Delaware. Filed Sept. 23, 1922. Serial No. 589,963. 5 Claims. (Cl. 112—141.)



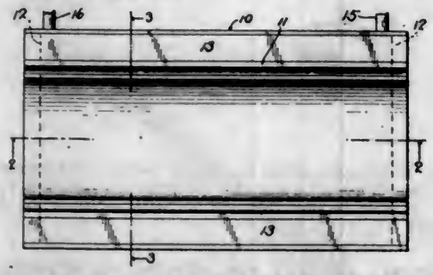
5. In a sewing machine hemmer for tubular or round work the combination of a plate provided with a fixed folder section, an arm carried by the plate and extending above and beyond the fixed folder section, a movable folder section pivoted to the arm, a fixed vertical pivot provided on the arm and about which the movable folder is turnable, a spring interposed between the arm and movable folder section, and a stop between the arm and movable folder section, substantially as described.

1,625,754. WATCH-CRYSTAL TRAY. TOSHIO TOBITA, New York, N. Y., assignor to Konishi Kotakudo Company, Inc., New York, N. Y., a Corporation of New York. Filed Apr. 22, 1926. Serial No. 103,736. 1 Claim. (Cl. 211—28.)



A watch crystal holder embodying a tray divided by a plurality of intersecting longitudinal and transverse partitions into a plurality of rectangular compartments having vertical walls, and a separately formed filler piece seated on the bottom and contacting with the side walls of said compartments, said filler piece having a gradually curved upper face sloping downwardly from the upper edge of the forward wall of each compartment and merging into the bottom adjacent the rear wall thereof, whereby the said rear wall will serve to slightly separate the crystals when placed in a stacked relation on said filler piece.

1,625,755. SMELTER SPOUT. LOUIS HENRY WILLIAMS, Camas, Wash., and RALPH E. WATT, Ontonagon, Mich. Filed Nov. 11, 1925. Serial No. 68,379. 1 Claim. (Cl. 266—38.)



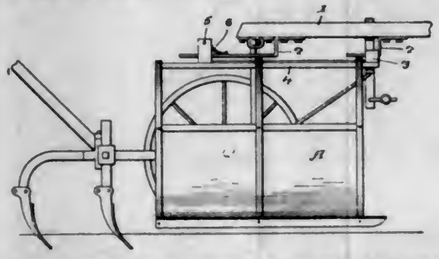
A smelter's spout of semi-cylindrical formation comprising a metallic outer section, an inner section of refractory material coextensive in length with the outer section, spacing means located between said sections at the ends thereof, other spacing means located between said sections at the longitudinal edges thereof, the provision of the spacing means defining a chamber between the outer and inner sections, and water inlet and outlet pipes leading into said chamber.

1,625,756. MAILING CARTON. EDGAR W. WINTERS, Kansas City, Mo., assignor to The Non-Spi Company, Kansas City, Mo., a Corporation of Missouri. Filed Jan. 28, 1924. Serial No. 688,993. 3 Claims. (Cl. 229—40.)



1. As a new article of manufacture, a blank of stiff material foldable to form a rectangular carton having a top and bottom and two sides and ends forming longitudinal extensions of the bottom, T and G, one of the ends having an arm foldable to extend lengthwise of the carton and between and at right angles to the top and bottom and flatwise against the inner face of one of the sides, and a flap projecting from the last-named side and adapted to fit flatwise against the inner face of the bottom and against the adjacent longitudinal edge of the said arm.

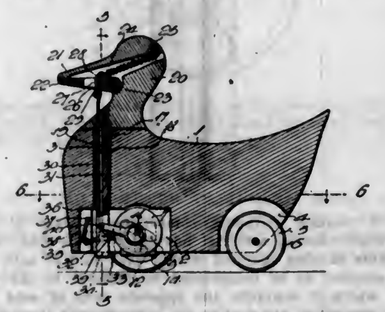
1,625,757. SUPPORTING DEVICE. WILLIAM HAGOOD WOODS, Gable, S. C. Filed Nov. 18, 1925. Serial No. 69,919. 1 Claim. (Cl. 248—20.)



A supporting device comprising a pair of Z-shaped brackets adapted to be fastened to a support, a member adapted to be fastened to an object to be supported, said

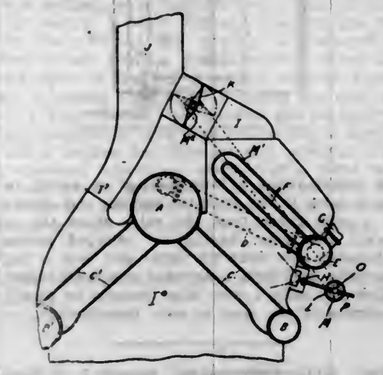
member having a socket at one end and a U-shaped member at the other end, said socket and U-shaped member being adapted to receive the brackets and a cam lever in the U-shaped member for clamping a bracket in said member.

1,625,758. MECHANICAL TOY. LOYAL L. WYNN, Florence, Colo. Filed Oct. 3, 1924. Serial No. 741,865. 7 Claims. (Cl. 46—45.)



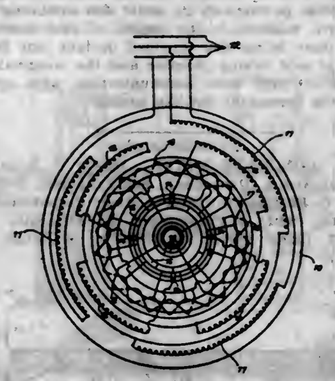
1. A toy comprising a wheeled body simulating the body of a living creature, said body having a head provided with a stationary upper jaw and a pivoted lower jaw, spring means for upwardly snapping said lower jaw against the upper jaw, and means driven by a wheel of the body for alternately moving said lower jaw downwardly against the action of said spring means and quickly releasing said movable jaw for snapping engagement with the upper jaw to effect simulation of the sound created by the creature represented.

1,625,759. STEAM SUPERHEATER. HAROLD E. YARROW, Glasgow, Scotland. Filed Apr. 6, 1920, Serial No. 371,748, and in Great Britain Oct. 31, 1919. 1 Claim. (Cl. 122—480.)



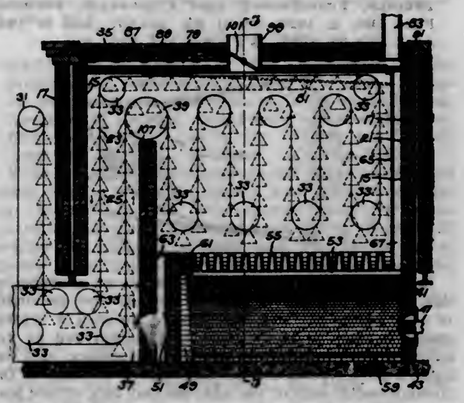
A water tube boiler comprising two upwardly converging sets of steam generating tubes, a main combustion space located between the said sets of generating tubes, two uptakes separated by a partition and located on the farther sides of the respective sets of generating tubes, a steam superheater located in one of said uptakes, an auxiliary heating device located in said uptake between said superheater and the set of steam generating tubes adjacent thereto, said auxiliary device comprising a plurality of oil fuel burners the axes of which are directed towards the said generating tubes and away from the superheater device, a damper located in the said uptake beyond the said superheater, and means for operating the said damper and for controlling the fuel supply to the oil burners interdependently.

1,625,760. ALTERNATING-CURRENT MOTOR. CARL ALTWICKLER, Gotha, Germany, assignor to Deutsche Werke Aktiengesellschaft, Berlin-Wilmersdorf, Germany, a Corporation of Germany. Filed Oct. 15, 1923, Serial No. 668,761, and in Germany June 27, 1922. 1 Claim. (Cl. 172—280.)



In a compensated induction motor, the combination of a rotor and a stator, a three phase primary winding on the stator, a secondary stator winding of a greater number of phases than three arranged in inductive relation to the primary winding of the stator and serving for the excitation of the motor, a commutator, a set of brushes sliding on the commutator conforming in number to the phases of the secondary stator winding, connections between the phases of the secondary stator windings and said brushes respectively, an exciting and compensating rotor winding which is connected to the commutator and receives current from the secondary stator winding in which latter electro motive force is generated of such magnitude or phase that the current passing between the secondary stator winding and the commutator winding will excite the rotary field of the motor.

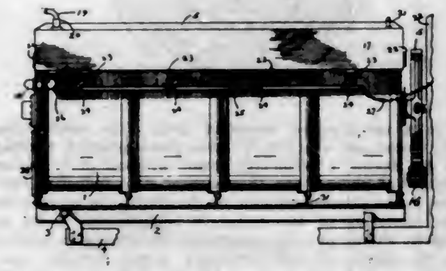
1,625,761. BAKING OVEN. ARTHUR H. BALLARD, Boston, Mass., assignor to Ballard Oven Corporation, Boston, Mass., a Corporation of Massachusetts. Filed July 3, 1922. Serial No. 572,403. 27 Claims. (Cl. 107—57.)



1. A baking oven having a baking chamber, a traveling conveyor with means to guide the same in a circuitous path into, through and out of said chamber, a radiating floor of uneven formation to present respectively lower and upper heat-absorbing and heat-radiating surfaces of

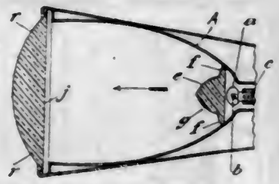
extended area, a separate combustion chamber extending beneath the baking chamber and lengthwise the general direction of travel of said conveyor through the same, said chamber having refractory walls, and means for distributing the heated gases from said combustion chamber to said radiating floor, the latter having horizontal flue-like passages on its under side extending transversely with relation to the length of said combustion chamber, there being also provided upright exit flues at the sides of said baking chamber and the marginal edges of said floor, said flues communicating with opposite ends of each horizontal flue-like passage.

1,625,762. CONCRETE MIXER. ORSON C. BARRYMORE and REGINALD A. DADDISMAN, San Francisco, Calif., assignors to Barrymore Concrete Mixer Corporation, San Francisco, Calif., a Corporation of California. Filed Sept. 23, 1926. Serial No. 137,186. 8 Claims. (Cl. 83—73.)



1. Concrete mixing apparatus comprising a trough mounted lengthwise on a motor truck and pivoted directly to the rear portion of the chassis frame of the truck for tipping upwardly at its forward end, a mixer shaft in the trough rotatably supported in bearings at opposite ends thereof and arranged for driving outside of the forward end of the trough, a spur gear secured to said shaft engaging a driving gear mounted on the truck between the cab of the truck and the forward end of the trough so that the spur gear may be lifted from said driving gear upon tipping the truck.

1,625,763. LIGHT PROJECTOR. CARL FREDSRIK BERTHELSEN, Frederiksberg, near Copenhagen, Denmark. Filed Dec. 2, 1926, Serial No. 152,257, and in Denmark July 28, 1925. 1 Claim. (Cl. 240—41.)



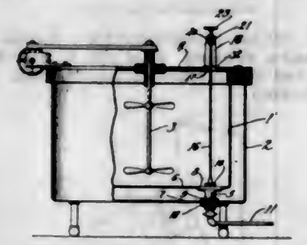
In a light projector, the combination of a source of light, a lens disposed in front of and in close proximity to said source of light, said lens comprising a central convex portion having a short focal length and an annular portion surrounding said central portion, said annular portion having a front face slightly inclined to the circumferential edge of the lens, the rear face of said lens being flat, and a second plano-convex lens having a radius of relatively great length disposed in front of and in axial alignment with said first lens, said second lens being positioned with respect to said first lens to converge the light from said source to form a beam of parallel rays.

1,625,764. WEATHER STRIPPING. MAURICE E. BOSLEY, Chicago, Ill. Filed June 16, 1924. Serial No. 720,297. 4 Claims. (Cl. 20—69.)



1. A weather stripping comprising a strip of flexible, wear-resisting material having a double fold, and a yieldable packing enclosed within each fold of said strip and adapted to be compressed to conform to the parts with which it contacts, the opposite ends of said strip being separately stitched to the body thereof inwardly of the folds, thereby enclosing the packings separately and providing a double stitch of the strip therebetween.

1,625,765. VALVED OUTLET FOR PASTEURIZERS. WILLIAM RATZENSTEIN, Chicago, Ill., assignor to Creeco Creamery Supply Co., a Corporation of Illinois. Filed May 10, 1926. Serial No. 107,918. 6 Claims. (Cl. 137—21.)

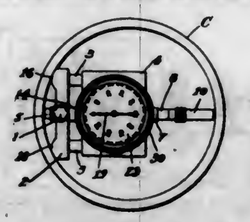


2. In combination, a tank having an outlet in the bottom, a valve in the tank for opening and closing the outlet, a stem rising from the valve above the top of the tank, said stem having an enlarged externally-screwthreaded part near its upper end, and a support for the valve and stem comprising a screwthreaded hub having in the side a slot large enough to permit the main portion of the stem to pass therethrough.

1,625,766. DIAL INDICATOR. ROBERT J. O. SIMPSON, Athol, Mass., assignor to The L. S. Starrett Company, Athol, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1922. Serial No. 582,159. 17 Claims. (Cl. 33—178.)

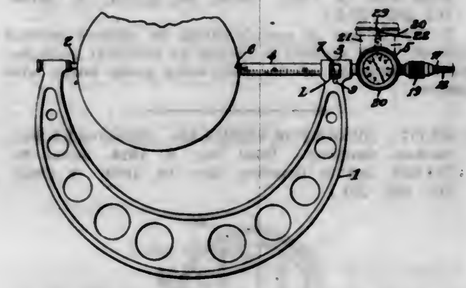
1. In a cylinder gauge, a base presenting portions adapted for stable contact interiorly of a cylinder along two spaced parallel lines, a dial indicator slidably mounted on said base for movement transversely relative thereto and having a pointer and a pair of spaced alined bearings, a member reciprocably mounted in one of said bearings and provided at one end with means detachably to receive a contact element, a contact element detachably connected with said reciprocable member, a contact element mounted in the other of said bearings, said contact elements adapted to contact with

the interior of the cylinder in a plane perpendicular to the plane containing the lines of contact of said base, a spring confined between said reciprocable member and



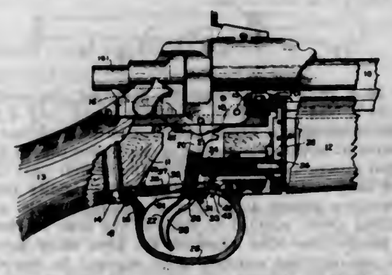
said last-named contact element, and motion transmitting connections between said reciprocable member and the pointer of said dial.

1,625,767. MICROMETER CALIPERS. ROBERT J. O. SIMPSON, Athol, Mass., assignor to The L. S. Starrett Company, Athol, Mass., a Corporation of Massachusetts. Filed Oct. 15, 1923. Serial No. 668,588. 7 Claims. (Cl. 33—178.)



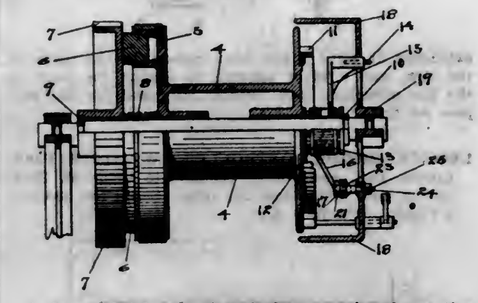
1. In combination with the frame of an outside micrometer calipers, said frame having a bearing and said bearing having a sight opening therethrough and a reading line adjacent said opening, a graduated sleeve mounted in said bearing, a dial indicator casing carried by said sleeve, a dial and a pointer mounted upon said casing, a contact stem slidable within one end of said sleeve, a plug fixed in the opposite end of said sleeve, a chuck mounted on said plug and having a sight opening and a reading line adjacent said opening, a graduated relatively stationary contact stem fixed in said chuck and alined with said relatively movable contact stem, and motion transmitting connections between said relatively movable contact stem and said pointer.

1,625,768. TRIGGER MECHANISM FOR FIREARMS. CHARLES H. BARNES, Ilion, N. Y. Filed Apr. 28, 1923. Serial No. 634,082. 15 Claims. (Cl. 42—69.)



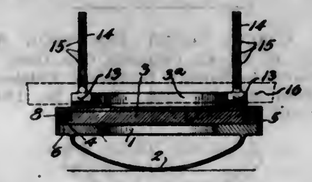
3. In a firearm, a manually actuated main trigger for effecting the firing of said firearm, power means for actuating said main trigger comprising a compression spring interposed between said main trigger and a fixed abutment, and a second trigger for controlling said power means.

1,625,769. CLUTCH-ENGAGING DEVICE. ALFRED J. ERSTED, Portland, Oreg. Filed Oct. 5, 1925. Serial No. 60,646. 12 Claims. (Cl. 192—93.)



1. In a clutch engaging device: a pair of coacting helix members; a slotted housing enclosing said members; means to rotate one of said members; and yieldable mechanism adjustably mounted within the slot of said housing for holding the other of said helix members stationary.

1,625,770. BILLIARD COMPASS. JOHN ARTHUR KAYE, Sault Ste. Marie, Ontario, Canada. Filed Mar. 26, 1926. Serial No. 97,799. 14 Claims. (Cl. 273—24.)



1. A device of the character described, including a flat base, a curved support extending transversely across the base on which the base is adapted to rock, a flat plate fitted against the base and rotatable thereon in a plane parallel to the base, and a billiard cue guide on the flat plate.

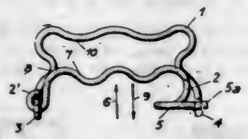
1,625,771. MANUFACTURE OF MENTHOL. KARL SCHÖLLKOPF, Dusseldorf-Oberkassel, Germany, assignor to Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung, Dusseldorf-Oberkassel, Germany. Filed Nov. 28, 1922, Serial No. 603,853, and in Germany Nov. 23, 1921. 3 Claims. (Cl. 260—158.)

1. The process for manufacturing inactive menthol which consists in heating thymol with catalysts promoting the hydrogenation and hydrogen under pressure, separating the inactive menthol from the liquid menthols mixture by physical methods and heating the latter mixture with catalysts promoting the hydrogenation and hydrogen under pressure.

1,625,772. SACK CLOSURE. GUSTAV MÖLLER, Dortmund, Germany. Filed Feb. 21, 1927, Serial No. 170,022, and in Germany Sept. 22, 1924. 1 Claim. (Cl. 24—30.5.)

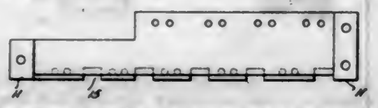
A sack closure, comprising, in combination, two bows of practically N-shaped form and of different size, and having undulated middle portions, the side portions of the larger bow being crooked inwardly and forming obtuse angles lying at right angles with respect to the

crooked portions, and forming an eye at one end and a hook at the other end, and the smaller bow forming at one end also an eye which is coupled with the eye of the first-mentioned hook, and at the other end a grip



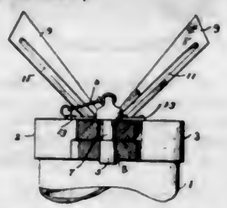
extending at right angles with respect to the plane of the bow, and a pivot adapted to engage the hook of the first-mentioned bow, substantially and for the purpose set forth.

1,625,773. MOTOR CONTROLLER. WILLIAM B. PARK, Linton, Ind., assignor of one-half to Clyde M. Zink, Linton, Ind. Filed Jan. 24, 1924. Serial No. 688,312. 1 Claim. (Cl. 200—8.)



In a motor controller, a casing, drums mounted therein and carrying contacts, a finger bar formed as a metal frame located between the drums, fingers mounted upon and insulated from the finger bar and cooperating with the respective drums, an elongated support carried by the finger bar, the edge of the finger bar toward one drum being notched, and a plurality of arc guards located within said notches and resting upon said support.

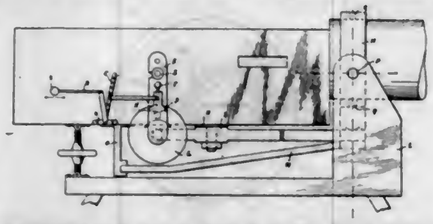
1,625,774. CASING COVER AND TOOL HOLDER. FREDERICK W. SADLER, Oklahoma City, Okla., assignor of one-fourth to Barbara E. Turney, Oklahoma City, Okla. Filed May 19, 1926. Serial No. 110,262. 3 Claims. (Cl. 24—243.)



1. A tool for deep wells comprising a casing cover including similar sections pivotally connected at one end and having overlapping portions at the opposite end, and a locking pin having a head at one end and adapted to pass through registering openings formed in the overlapping end portions and having a part adjacent the head reduced to provide a shoulder for the overlapping end portion of a section to engage over to prevent casual withdrawal of the pin.

1,625,775. MEANS FOR REGULATING AUTOMATICALLY SWEEPING FIRE IN MACHINE GUNS. JEAN SCHELUTO and FERNAND JULIEN JOSEPH FURNEMONT, Brussels, Belgium; said Scheluto assignor to Gaston Emile Coene, Uccle, near Brussels, Belgium. Filed Aug. 20, 1925, Serial No. 51,468, and in Belgium Aug. 29, 1924. Renewed Nov. 10, 1926. 3 Claims. (Cl. 89—2.)

1. Means for regulating automatically "sweeping" fire in machine guns comprising recoil mechanism, gearing for traversing the gun, links connecting said recoil mechanism and traversing gear and means for adjusting the relative positions of said links which traversing gear includes a ratchet wheel, a worm rotated by said ratchet wheel, a double toothed sector engaging said ratchet

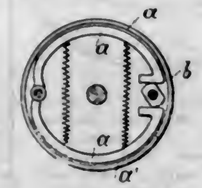


wheel and pivoted on the gun base, and a single toothed sector engaging said first named sector and fixed to the cradle of the gun.

1,625,776. ELECTRON-EMITTING CATHODE AND PROCESS OF PREPARING THE SAME. FREDERICK HOLBORN, Hoboken, N. J., assignor to Hazeltine Corporation, Jersey City, N. J., a Corporation of Delaware. Filed Jan. 14, 1926. Serial No. 81,164. 4 Claims. (Cl. 250—27.5.)

2. The process of manufacturing an electron-emitting cathode which consists in coating an electrical conductor with a compound of the alkali-earth group mixed with guaiac.

1,625,777. BRAKE FOR VEHICLES. NICOLAUS KÜCHEN, Aachen, Germany. Filed Dec. 8, 1924, Serial No. 754,644, and in Germany May 10, 1924. 1 Claim. (Cl. 188—251.)



A brake lining, especially for motor vehicles made from an alloy of copper (58 to 64 parts), zinc (32 to 38 parts), manganese (0.5 to 2.5 parts), iron (0.5 to 2 parts) and aluminum (0.01 to 2 parts).

1,625,778. KNIFE WITH DETACHABLE BLADE. WILLIAM E. NICKERSON, Boston, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a Corporation of Delaware. Filed May 22, 1924. Serial No. 715,222. 6 Claims. (Cl. 30—9.)



1. In a knife of the character described, the combination of a blade having an elongated shank, and a blade holder comprising a handle provided at its front end with an integral upper jaw having in its under edge a longitudinal groove adapted to receive the greater part of the upper edge of the blade and give lateral rigidity thereto, a lower jaw hinged at its rear end to the handle, and a clamping sleeve adapted to slide on the jaws in front of the handle, the outer edges of the jaws being provided with cam surfaces adapted to be engaged by the sleeve and to limit its clamping movement, whereby the jaws are caused to grip the blade firmly between them.

Patents Nos. 1,625,779 to 1,626,588.

THE
OFFICIAL GAZETTE
OF THE
United States Patent Office.

Vol. 357—No. 4. TUESDAY, APRIL 26, 1927. Price—$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $10.00 per annum; single numbers, 25 cents each.

PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.

CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

CONTENTS.

	Page.
ISSUE OF APRIL 26, 1927	785
INTERFERENCE NOTICES	785
TIME LIMITS FOR ACTIONS	785
APPLICATIONS UNDER EXAMINATION	786
COMMISSIONER'S DECISIONS—	
Kishpaugh v. Gauthier	787
Sachs v. Ball	787
DECISIONS OF THE U. S. COURTS—	
My Own Company v. The Jansson Grocery Company	788
PATENT SUITS	788
ADJUDICATED PATENTS	790
ADVERSE DECISIONS IN INTERFERENCE	790
DISCLAIMER	790
TRADE-MARKS PUBLISHED (304 APPLICATIONS)	791
TRADE-MARK REGISTRATIONS GRANTED	831
TRADE-MARK REGISTRATIONS RENEWED	843
LABELS	845
PRINTS	845
REISSUES	847
DESIGNS	848
PATENTS GRANTED	854

Issue of April 26, 1927.

Trade-Marks	246—No.	226,926 to No.	227,171, inclusive.
T. M. Renewals	57		
Labels	31—No.	31,994 to No.	32,024, inclusive.
Prints	41—No.	9,749 to No.	9,789, inclusive.
Reissues	3—No.	16,604 to No.	16,606, inclusive.
Designs	29—No.	72,510 to No.	72,538, inclusive.
Patents	810—No.	1,625,779 to No.	1,626,588, inclusive.
Total	1,217		

Interference Notices.

U. S. PATENT OFFICE, *Washington, Apr. 15, 1927.*

Swan O. Peterson, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of Edward G. Carr, 1329 Downer Avenue, Milwaukee, Wis., and patent granted March 21, 1922, No. 1,410,114, to Swan O. Peterson, 2511 Eleventh Street, Rock Island, Ill., and a notice of such declaration sent by registered mail to said Peterson at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Peterson, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Apr. 14, 1927.*

The Wynne Paper Co., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Transo Envelope Company, 3512 North Kimball Avenue, Chicago, Ill., for registration of a trade-mark and trade-mark registered August 10, 1920, No. 134,146, to The Wynne Paper Co., 318 West Thirty-ninth Street, New York, N. Y., and a notice of such declaration sent by registered mail to said The Wynne Paper Co. at the said address having been returned by the post office as undeliverable, notice is hereby given that unless The Wynne Paper Co., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Apr. 6, 1927.*

Austin O. Stanley, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of Clifford M. Paxton, 1134 Pacific Street, Brooklyn, N. Y., and patent granted August 10, 1926, No. 1,595,888, to Austin O. Stanley, 205 High Street, Detroit, Mich., and a notice of such declaration sent by registered mail to said Stanley at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Stanley, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

TIME LIMITS FOR ACTIONS.

Completing applications	6 mos.
Responding to official actions:	
If dated prior to May 2, 1927	1 yr.
If dated on or after May 2, 1927	6 mos.
Renewal of applications:	
If allowed prior to May 2, 1927	2 yrs.
If allowed on or after May 2, 1927	1 yr.

(See act of March 2, 1927, 357 O. G. 5.)

This act affects all applications pending before this Office, irrespective of their filing dates.

Condition of Applications Under Examination at Close of Business April 15, 1927.

(Total number of applications awaiting action, excluding Trade-Mark Division, 58,425; Trade-Mark Division, 1,909. Oldest new case, Aug. 5, 1926; oldest amended, Sept. 2, 1926. The dates given are 1926 except where † indicates 1927.)

Room No.	Divisions, Examiners, and Subjects of Inventions.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders	†Feb. 14	†Feb. 14	489
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Dec. 20	†Jan. 3	721
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 26	Dec. 2	1,493
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Nov. 1	Nov. 3	1,446
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters	Nov. 5	Nov. 11	939
318	6. LEWERS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation	Sept. 9	Sept. 20	1,673
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Nov. 8	Nov. 9	1,191
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Dec. 6	Dec. 13	1,604
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	†Jan. 24	†Jan. 24	795
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops	Dec. 1	Dec. 6	1,172
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.	†Jan. 4	†Jan. 6	918
380	12. PIERCE, P. F., Machine Elements	Nov. 22	Dec. 3	1,140
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Oct. 22	Dec. 3	1,257
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Oct. 25	Nov. 4	1,126
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Dec. 13	Dec. 13	1,304
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Dec. 16	†Jan. 17	714
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 23	Nov. 1	735
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Oct. 5	Oct. 8	981
236	19. GLASCOCK, E. S., Furnaces, Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Dec. 21	†Jan. 14	760
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Dec. 7	Dec. 7	961
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Nov. 17	Nov. 17	944
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 14	Oct. 15	820
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 25	Dec. 9	649
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 27	Oct. 1	1,046
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal-Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.	Nov. 1	Nov. 16	1,227
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Oct. 16	Nov. 11	886
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Dec. 23	†Jan. 3	845
225	28. BENSON, A. R., Internal-Combustion Engines	Dec. 2	Dec. 23	1,162
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Nov. 6	Nov. 10	1,122
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats	Dec. 8	†Jan. 27	874
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue	Nov. 24	Nov. 26	1,392
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation	Dec. 4	Dec. 15	872
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	†Jan. 3	†Jan. 5	1,206
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock Switches, and Signals; Store Service; Vehicle Fenders.	Nov. 6	Nov. 5	758
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	†Jan. 10	†Feb. 9	757
105	36. MORTON, O. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.	†Jan. 27	†Jan. 24	835
224*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	Nov. 16	Nov. 19	1,365
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Oct. 23	Oct. 30	1,099
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	†Feb. 1	†Feb. 14	469
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles	Dec. 6	Dec. 6	1,706
125	41. BROWN, J. L., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	†Jan. 5	Dec. 14	606
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Nov. 1	Nov. 1	1,550
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	†Jan. 4	†Jan. 5	882
253	44. SHAFFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Oct. 18	Nov. 11	1,006
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Dec. 30	Dec. 18	878
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Nov. 26	Nov. 17	922
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Dec. 1	Dec. 1	1,322
213*	48. ROEPKE, O. B., Electricity, General Applications	Nov. 10	Nov. 4	1,009
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification	Oct. 12	Nov. 12	975
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Dec. 31	†Jan. 5	1,319
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission	Oct. 25	Oct. 25	1,267
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Dec. 4	Dec. 2	1,187
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Dec. 13	Dec. 22	960
241*	54. LANE, C. H., Electric Lamps; Conductors: Vapor Electric Devices; Space Discharge Tubes	Aug. 5	Sept. 2	1,741
102	55. RICHARD, V. I., Acting.—{Bread, Pastry, and Confection Making; Cutlery	Nov. 5	Nov. 17	514
	{Designs	†Mar. 16	†Mar. 26	592
168	Trade-Marks, Labels, and Prints: F. A. RICHMOND {Trade-Marks	†Mar. 15	†Mar. 23	1,770
	{Labels and Prints	†Mar. 30	†Apr. 6	199

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decisions.

KISHPAUGH *v.* GAUTHIER.

Decided April 2, 1926.

1. INTERFERENCE—MOTION TO DISSOLVE BY PATENTEE—PATENTABILITY OF ISSUE.

A patentee involved in an interference may not contend that the claims of his patent are not patentable.

2. SAME—ISSUE—CONSTRUCTION OF.

The issue of an interference is to be construed in the light of the patent or application in which it originated.

3. SAME—SAME—SAME—APPLICANT AND PATENTEE—MOTION TO DISSOLVE—PRIOR ART.

In an interference involving a patent prior patents or other sources of information may be used only to ascertain the meaning of doubtful terms or expressions. They may not be used to show that the issue would not be patentable if construed broadly or according to an interpretation based on the patentee's specification or other publications which define the terms used.

4. SAME—MOTION TO DISSOLVE—INTERFERENCE IN FACT.

Motions to dissolve based on the ground that there is no interference in fact will not be set for hearing except in cases involving design patents or applications.

ON PETITION.

ELECTRICAL COMMUNICATING SYSTEM.

Mr. John G. Roberts for Kishpaugh.

Messrs. Pennie, Davis, Marvin, and *Edmonds* for Gauthier.

KINNAN, *Acting Commissioner:*

The party Kishpaugh petitions from the order of the Law Examiner, citing *Morgan* v. *Taylor* v. *Hanson*, 208 O. G. 985, with reference to ground 2 of Kishpaugh's motion to dissolve, which alleges:

That the claims corresponding to counts of the issue are unpatentable to Gauthier as construed by him to read upon the disclosure of his application.

[1, 2, 3] Kishpaugh, being a patentee, has no right to contend that the claims of his patent are not patentable. The issue of an interference is to be construed in the light of the patent or application in which it originated. Prior patents or any other source of information may be used only to ascertain the meaning of doubtful or technical terms or expressions. They may not be used to show that the issue would not be patentable if construed broadly or according to any interpretation based on the patentee's specification or other publications which define the terms used.

[4] Petitioner also requests that the third ground of his motion to dissolve be set for hearing. This ground denies that there is interference in fact, because the counts can not be applied to the disclosures of the parties in such a way as to define a common patentable subject matter. This ground was once listed with other grounds under rule 122, but was designedly withdrawn more than 10 years ago. No question could possibly arise under such a ground that could not be raised under present ground 1 or 3 of rule 122 except in the case of interferences involving design patents or applications, and present ground 4 of rule 122 provides for this contingency. No reason is seen for disturbing the practice established many years ago and consistently followed to the present time.

The petition is denied. The motion will be heard as to ground 1. It will not be heard as to grounds 2 and 3.

SACHS *v.* BALL.

Decided December 10, 1926.

1. INTERFERENCE—MOTION TO DISSOLVE—NO RIGHT TO MAKE CLAIMS—STATEMENT POINTING OUT ELEMENT OR FEATURE NOT DISCLOSED.

When a motion to dissolve an interference is brought on the ground that one of the parties has no right to make the claims because he does not disclose the invention covered thereby, the motion should be accompanied by a clear, though brief, statement pointing out just what element or limitation in the claims is alleged to be not found in the disclosure of the application of such party.

2. SAME—SAME—SAME—SAME.

Where, in explanation of the ground that a party has no right to make the claim, the moving party quotes all of the claim except the introductory clause and states that the party neither shows nor describes the invention thus set forth, *Held* that the statement is insufficient.

3. INTERFERENCE—MOTION TO DISSOLVE BY PATENTEE—PATENTABILITY OF ISSUE.

A patentee may not impeach the patentability of his claims on a motion to dissolve.

4. SAME—SAME—ATTEMPT TO READ LIMITATIONS INTO CLAIMS.

A patentee may not, on a motion to dissolve, seek to read limitations into his claim in order to avoid the prior art.

5. SAME—ISSUE—CAN NOT BE PATENTABLE TO ONE PARTY AND UNPATENTABLE TO ANOTHER, IF READABLE ON BOTH, UNLESS REFERENCE ANTEDATES ONE AND NOT THE OTHER.

If the issue of an interference between an applicant and a patentee is properly readable upon each case, then the patentee cannot be heard to say that the claim is patentable to him, but not to the other party.

6. SAME—SAME—MUST BE CONSTRUED BROADLY, IN THE LIGHT OF APPLICATION OR PATENT IN WHICH IT ORIGINATED.

The issue of an interference must be construed broadly, in the light of the application or patent in which it originated.

ON PETITION.

Patent interference No. 53,832, between the patent of Joseph Sachs, granted September 22, 1925, No. 1,554,528, on application filed February 7, 1922, No. 534,682, and the application of Albert P. Ball, filed October 6, 1921, Serial No. 505,740.

Mr. Harry R. Williams for Sachs.

Messrs. Jones, Addington, Ames & Seibold for Ball.

ROBERTSON, *Commissioner:*

The party Sachs has filed a petition from the action of the Law Examiner refusing to set his motion to dissolve for hearing as to count 1 until a more particular statement of the grounds thereof

is made and refusing, under the ruling in *Morgan* v. *Taylor* v. *Hanson*, 208 O. G. 985, to set for hearing his motion as to grounds 4 and 5.

It is to be noted that Sachs filed a request for reconsideration of the Law Examiner's ruling, but before the Law Examiner had acted upon it filed the present petition. Clearly the petition should not have been filed unless and until the Law Examiner had refused to modify his ruling.

[1, 2] No reason is seen for the objection to specifically stating clearly, though briefly, just what element or limitation in the claims is alleged to be not found in the disclosure of the application of the other party. The only statement in explanation of the ground that Ball can not make the counts is that he neither shows nor describes a switch having "rigid walls, etc.," the matter quoted being all of the claim except the introductory clause. It would have been a very simple matter to have stated which element of the claim or which limitation in the claim it is contended the party Ball did not disclose. It is noted that in the explanatory part of the motion as to two of the counts certain words have been underscored. If it was intended to indicate thereby that that was what was not disclosed, it should have been so stated.

The time within which the explanatory statement can be made is extended 15 days from the date of this decision.

No error is found in the action of the Law Examiner in refusing to set Sachs's motion for hearing as to grounds 4 and 5.

[3] It is well settled (see *Manson* v. *Hutchison*, 201 O. G. 569, and *Conradson* v. *Drake et al.*, 152 MS. Dec. 838) that a patentee may not impeach the patentability of his claims on a motion to dissolve. In the latter case, decided September 11, 1926, I expressly refused to overrule the decision in *Manson* v. *Hutchison*.

[4, 5] It is also well settled that a patentee may not, on a motion to dissolve, seek to read limitations into his claim in order to avoid the prior art. If the claim is properly readable upon each case, then the patentee can not be heard to say that the claim is patentable to him, but not to the other party. This matter was fully considered in *Morgan* v. *Taylor* v. *Hanson*, supra, *Kishpaugh* v. *Gauthier*, 357 O. G. 787, and *Ryan* v. *Gautheir*, 152 MS. 296.

In the second of these cases the First Assistant Commissioner said:

> The issue of an interference is to be construed in the light of the patent or application in which it originated. Prior patents or any other source of information may be used only to ascertain the meaning of doubtful or technical terms or expressions. They may not be used to show that the issue would not be patentable if construed broadly or according to any interpretation based on the patentee's specification or other publications which define the terms used.

[6] In the third case he stated that the prior art could not be used to show that the claim constituting the issue was applicable to the disclosure of a prior patent—

> since the issue must be construed broadly, in the light of the specification of the patent or application in which it originated, and a patentee in interference may not deny the patentability of his own claims.

Hearing on the petition is requested. It is not customary to set petitions of this kind for hearing and no reason is seen for making an exception of this case.

The petition is denied.

Court of Appeals of the District of Columbia.

MY OWN COMPANY *v.* THE JANSZEN GROCERY COMPANY.

No. 1,863. Decided December 6, 1926.

APPEAL from Patent Office. Affirmed.

Mr. Walter F. Murray for My Own Company.

Mr. A. E. Wallace for the Janszen Grocery Co.

Before MARTIN, Chief Justice; VAN ORSDEL, Associate Justice; and HATFIELD, Judge U. S. Court of Customs Appeals.

VAN ORSDEL, *J.*:

This is an appeal from the decision of the Commissioner of Patents, sustaining the notice of opposition filed by appellee, the Janszen Grocery Company, to the application of appellant, My Own Company, for the registration of the trade-mark "My Own" for food products, condiments, canned fruits and vegetables, canned soups, and canned condensed and evaporated milk.

It is conceded by the opposer that the mark has been used in interstate commerce by appellant company since May 29, 1922; but the opposer offered evidence tending to establish its use of "My Own" as a trade-mark for canned goods since the year 1900. The case turns upon the sufficiency of the testimony to establish prior use by appellee company during the period named.

It is unnecessary for us to review the testimony of the witnesses on this point. It was held sufficient by the various tribunals below to conclusively establish prior use of the mark by appellee company. A careful review of the record convinces us that this conclusion is correct. To hold otherwise would require us to discredit a number of witnesses, whose testimony we think is entitled to belief. In this view of the case we are convinced that the Commissioner was right in rejecting the registration of appellant's mark.

The decision of the Commissioner is affirmed.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

943,358, P. W. Litchfield, Tire, (6th Cir.), Doc. 4529, *The Goodyear Tire & Rubber Co.* v. *Michelin Tire Co.* Decree affirmed, claims 1, 2, and 4 held invalid, Mar. 7, 1927.

947,229, 971,838, W. M. Fulton, Process of making tubular metal walls, (6th Cir.), Doc. 4490-4491, *The Fulton Co.* v. *The Bishop & Babcock Co.*, and *The Bishop & Babcock Co.* v. *The Fulton Co.* Decree affirmed with modification Mar. 7, 1927.

956,135, T. E. Murray, Electric cut-out; 1,028,268, G. E. Palmer, Case for meter connection block; 1,036,317, same, Casing; 993,099, same, Meter connection block, suit filed Dec. 14, 1926, D. C., E. D. N. Y., Doc. 2857, *Metropolitan Device Corp.* v. *Era Electrical Supply Corp.*

971,838. (See 947,229.)

993,099. (See 956,135.)

1,018,502, Just & Hanaman, Incandescent body for electric lamps; 1,180,159, I. Langmuir, Incandescent electric lamp; 1,423,956, Mitchell & White, Tipless incandescent lamp; 1,423,957, same, Stem-making machine, suit filed June 30, 1926, D. C. N. J., Doc. E 2063, *General Electric Co.* v. *H. & D. Radio Co. et al.* Bill dismissed as to patents 1,423,956 and 1,423,957 Jan. 17, 1927.

1,027,570, J. R. Sheldon, Comforter-filling machine; 1,370,411, Contrado, Swanson & Schwartz, Mattress-filling machine, suit filed Sept. 28, 1925, D. C. Mass., Doc. E 2484, *Triangle Kapok Machine Corp.* v. *P. Baker.* Injunction issued Jan. 18, 1926. Same, suit filed Mar. 2, 1927, D. C. Mass., Doc. E 2791, *Triangle Kapok Machine Corp.* v. *J. Neistadt.*

1,028,268. (See 956,135.)

1,036,317. (See 956,135.)

1,082,933, W. D. Coolidge, Tungsten and method of making same for use as filaments, suit filed Dec. 1, 1924, D. C. Del., Doc. E 561, *General Electric Co.* v. *The De Forest Radio Co. et al.* Bill dismissed for want of equity Feb. 24, 1927.

1,089,405, W. S. Ferguson, Reenforced-concrete dock or pier, suit filed Mar. 5, 1927, D. C., N. D. Calif. (San Francisco), Doc. E 1845, *W. S. Ferguson et al.* v. *The City of Oakland.*

1,089,907, 1,181,742, W. D. Coolidge, Electrical contacts; 1,155,426, 1,155,427, Liebmann & Megrath, Contact bodies of tungsten and method; 1,229,960, C. H. Humphries, Metal article and process, suit filed Nov. 24, 1926, D. C., E. D. N. Y., Doc. 2830, *Elkon Works, Inc.*, v. *Welworth Automotive Corp.*

1,107,193, 1,159,740, 1,179,068, J. R. Bray, Process and apparatus for producing moving pictures; 1,143,542, E. Hurd, same, suit filed Mar. 5, 1927, D. C., S. D. N. Y., Doc. E 40/360, *Bray-Hurd Process Co., Inc.*, v. *Sherwood-Wadsworth Pictures, Inc., et al.* Same, suit filed Mar. 9, 1927, D. C., S. D. N. Y., Doc. E 40/389, *Bray-Hurd Process Co., Inc.*, v. *Winkler Pictures, Inc.*

1,127,733, V. Clairemont, Preserving eggs; 1,224,710, 1,369,323, same, Apparatus for treating eggs; 1,370,628, same, Process of and apparatus for preserving eggs; 1,599,553, same, Candling and grading machine, suits filed Jan. 20, 1927, D. C., E. D. Wash. (Spokane), Doc. E 4310, *Clairemont Sterilized Egg Co.* v. *Fairmont Creamery Co.* Doc. E 4311, *Clairemont Sterilized Egg Co.* v. *Superior Egg & Poultry Co.*

1,130,179, H. L. Kutter, Paper drier, suit filed Aug. 16, 1926, D. C., S. D. Ohio (W. Div.), Doc. E 428, *The Black Clawson Co.* v. *The Shartle Bros. Machine Co.* Decree for plaintiff (notice dated Mar. 12, 1927).

1,143,542. (See 1,107,193.)

1,155,426. (See 1,089,907.)

1,155,427. (See 1,089,907.)

1,159,740. (See 1,107,193.)

1,179,068. (See 1,107,193.)

1,180,159. (See 1,018,502.)

1,181,742. (See 1,089,907.)

1,185,244, 1,468,513, L. Robaczynski, Knitting machine, suit filed Nov. 22, 1926, D. C., E. D. N. Y., Doc. 2821, *L. Robaczynski et al.* v. *Queens Machine Corp. et al.*

1,198,246, G. A. Lyon, Buffer for motor vehicle; 1,221,800, T. A. Hoover, Automobile bumper, suit filed Dec. 16, 1926, D. C., E. D. N. Y., Doc. 2867, *American Chain Co., Inc., et al.* v. *The Eaton Bumper & Spring Service Co. of New York, Inc., et al.* Decree pro confesso Feb. 15, 1927.

1,221,800. (See 1,198,246.)

1,224,710. (See 1,127,733.)

1,229,960. (See 1,089,907.)

1,305,361, C. J. Hoislag, Alternating-current welding transformer; Re. 16,012, same, Electric-arc-welding, suit filed Mar. 8, 1927, D. C., S. D. N. Y., Doc. E 40/379, *Electric Arc Cutting & Welding Co.* v. *Ohmer Fare Register Co.*

1,333,995, E. J. Ramsey, Shoe, suit filed Jan. 27, 1927, D. C., E. D. N. Y., Doc. 2922, *E. J. Ramsey* v. *The Chas. Williams Stores, Inc.*

1,347,590, M. W. Robertson, Electrical connecter, suit filed Mar. 10, 1927, D. C., S. D. N. Y., Doc. E 40/391, *G. P. Schmidt* v. *Boxill-Bruel Carbon Co.*

1,369,323. (See 1,127,733.)

1,370,411. (See 1,027,570.)

1,370,628. (See 1,127,733.)

1,379,008, A. B. Frenier, Temperature-producing mechanism, suit filed Mar. 10, 1927, D. C., E. D. Mich. (S. Div.), Doc. 1930, *American Nokol Co.* v. *Silent Automatic Corp.*

1,385,829, W. L. Holbrook, Waffle mold, suit filed Feb. 24, 1927, D. C., E. D. N. Y., Doc. 2962, *The Wonder Electric Mfg. Co.* v. *Abraham & Strauss, Inc.*

1,399,482, H. C. Hirschy, Wringer, suit filed Nov. 24, 1925, D. C. Minn. (4th Div.), Doc. E 494, *The Hirschy Co.* v. *Wisconsin-Minnesota Gas & Electric Household Appliance Co.* Interlocutory decree for plaintiff directing injunction Mar. 10, 1927.

1,408,150, G. Virzi, Sound-producing instrument, suit filed Jan. 19, 1927, D. C., E. D. N. Y., Doc. 2914, *The Sparks-Withington Co.* v. *E. A. Laboratories, Inc.*

1,423,956. (See 1,018,502.)

1,423,957. (See 1,018,502.)

1,445,861, B. Von Bultzingslowen, Advertising sign, suit filed Mar. 11, 1927, D. C., S. D. N. Y., Doc. E 40/393, *B. Von Bultzingslowen* v. *Loew's, Inc.*

1,468,513. (See 1,185,244.)

1,491,962, F. T. Moody, Positioning apparatus for headlights, suit filed Sept. 15, 1925, D. C., S. D. Calif. (Los Angeles), Doc. J–60 M, *Moody Chart Co., Inc.*, v. *Western Auto Electric Co.* Dismissed without prejudice Mar. 9, 1927.

1,493,283, T. G. Robinson, Process and apparatus for making button blanks, suit filed Feb. 21, 1927, D. C., S. D. N. Y., Doc. E 40/281, *T. G. Robinson* v. *Dvorsky Co., Inc., et al.* Consent decree for plaintiff Mar. 14, 1927.

1,516,340, Holdaway & Challacombe, Rotary drilling bit, suit filed Aug. 10, 1925, D. C., S. D. Calif. (Los Angeles), Doc. J 36 M, *U. S. Tool Co.* v. *G. A. Day et al.* (*Day & Churchill*). Patent held valid, injunction granted, Dec. 10, 1926.

1,533,872, Linaker & Bruback, Tube cleaner, inserted by counterclaim Mar. 2, 1927, in suit filed Aug. 9, 1926, D. C. Del., Doc. 614, *Diamond Power Specialty Corp.* v. *The Vulcan Soot Cleaner Co.*

1,542,423, G. A. Taylor, Means for preventing leakage past the pistons of internal-combustion engines, suit filed Oct. 11, 1926, D. C., E. D. N. Y., Doc. 2772, *The Simplex Piston Ring Co. of America, Inc.*, v. *Frank Motor Products Corp.* Discontinued Dec. 29, 1926.

1,554,431, H. B. Hoppin, Hand baggage, suit filed Mar. 15, 1927, D. C., S. D. N. Y., Doc. E 41/8, *Warren Leather Goods Co.* v. *White Luggage Co., Inc.*

1,558,715, L. Strauss, Attachment for ophthalmic mountings, suit filed Jan. 25, 1927, D. C., E. D. N. Y., Doc. 2917, *Optical Products Corp.* v. *E. Buegeleisen* (*Strauss & Buegeleisen*).

1,568,739, D. Karron, Machine for producing frame parts, suit filed Feb. 17, 1927, D. C., E. D. N. Y., Doc. 2946, *D. Karron* v. *D. E. Karron et al.* (*Pennsylvania Mfg. Co.*).

1,592,827, S. Goldberg, Horn, suit filed Jan. 27, 1927, D. C., E. D. N. Y., Doc. 2920, *Central Horn & Toy Works, Inc.*, v. *T. Cohn.*

1,599,553. (See 1,127,733.)

1,603,580, S. Cahill, jr., Meter-sealing means, suit filed Mar. 9, 1927, D. C., E. D. La. (New Orleans), Doc. 18690, *S. Cahill, jr.*, v. *New Orleans Public Service, Inc.*

1,605,411, C. O. Weber, Nonoscillating radiofrequency selective amplifier, suit filed Jan. 28, 1927, D. C., E. D. N. Y., Doc. 2923, *Electric Service Engineering Corp.* v. *J. Modell & Co.*

1,607,632, O. Kupferman, Electric switch, suits filed Jan. 4, 1927, D. C., E. D. N. Y., Doc. 2876, *O. Kupferman et al.* v. *Leviton Mfg. Co., Inc.* Complaint dismissed on consent Feb. 16, 1927, Doc. 2877, *O. Kupferman et al.* v. *I. Rosenblatt et al.* (*Globe Lighting Fixture Mfg. Co.*).

Re. 15,824, S. H. Calkins, Pattern and guide strip, appeal filed Oct. 6, 1926, C. C. A. (2d Cir.), Doc. 9385, *Traitel Marble Co.* v. *Hungerford Brass & Copper Co.*

Re. 16,012. (See 1,305,361.)

Re. 16,497, J. E. Caps, Water-softening apparatus, suit filed Mar. 12, 1927, D. C., S. D. Ohio (E. Div.), Doc. 513, *Wayne Co.* v. *P. G. Bradley et al.*

Des. 54,682, C. J. Root, Bottle, suit filed Mar. 7, 1927, D. C. Conn., Doc. 1891, *Nu Grape Co. of America* v. *H. B. Kenes* (*Kenes Bottling Works*).

Des. 68,770, W. H. Dewar, Radiocabinet, suit filed Sept. 27, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K–98 M, *The Pooley Co.* v. *Blue Bird Furniture Mfg. Co.* Patent held valid, injunction granted, Mar. 7, 1927.

ADJUDICATED PATENTS.

(D. C. Md.) The Baker patent, No. 966,514, for salting peanuts in shell, *Held* valid and infringed. *Karesh* v. *Shell-On-Sol-Ted Peanut Co.*, 17 F. (2d) 496.

(D. C. Ohio.) The Smith patent, No. 1,262,860, for incubator, claims 1 and 2 *Held* not infringed. *Buckeye Incubator Co.* v. *Blum*, 17 F. (2d) 456.

(C. C. A. N. J.) The Smith patent, No. 1,262,860, for incubator, *Held* valid and infringed. *Buckeye Incubator Co.* v. *Cooley*, 17 F. (2d) 453.

(C. C. A. N. J.) The Smith patent, No. 1,263,138, for means for tilting incubator trays, *Held* not infringed. *Buckeye Incubator Co.* v. *Cooley*, 17 F. (2d) 453.

(C. C. A. La.) The Kenner patent, No. 1,426,084, for mop with drying device, *Held* not infringed. *Dry Hand Mop Co.* v. *Squeez-Ezy Mop Co.*, 17 F. (2d) 465.

(C. C. A. La.) The Kenner patent, No. 1,427,478, for mop head having detachable handle, *Held* not infringed. *Dry Hand Mop Co.* v. *Squeez-Ezy Mop Co.*, 17 F. (2d) 465.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,514,244, T. Allatt, Tea cartridge, decided March 17, 1927, claims 1 and 2.

Pat. 1,542,432, M. F. F. Wilson, Artificial flower, decided March 19, 1927, claims 1, 2, and 3.

Pat. 1,591,512, I. H. Chaiken, Wrist watch, decided March 19, 1927, claims 3, 4, and 5.

Pat. 1,602,786, A. E. Stewart, Knitting machine and process, decided April 7, 1927, claims 4, 5, 8, 9, 12, and 13.

Final decisions in interferences have been rendered against the following trade-marks:

T. M. 190,118, Corsets, corset waists, brassières, etc. American Lady Corset Co., Detroit, Mich. Registered October 7, 1924. Decided March 18, 1927.

T. M. 209,792, Canned fish, J. C. Mullins & Co., Los Angeles, Calif. Registered March 2, 1926. Decided April 7, 1927.

Disclaimer.

1,551,533.—*Bernhart A. Benson*, Chicago, Ill. BRACKET FOR LAMPS. Patent dated September 1, 1925. Disclaimer filed April 7, 1927, by the patentee, assignee by mesne assignments, *Chicago Electric Manufacturing Company*, consenting.

Hereby enters the following disclaimer, namely: that he disclaims from the scope of claim 1 of the said Letters Patent No. 1,551,533 any embodiment of that claim in which the slots in the attaching member do not have entrance openings at the outer peripheral edge of the attaching member.

TRADE-MARKS

OFFICIAL GAZETTE, APRIL 26, 1927.

[VOL. 357. No. 4.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 170,572. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) EVERETT, HEANEY & CO. INC., New York, N. Y. Filed Oct. 11, 1922.

FAST COLOR

No claim is made to the words "Fast Color" apart from the other features of the mark.

Particular description of goods.—Cotton Print Cloth Piece Goods.

Claims use since 1902.

Ser. No. 206,365. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) PACKARD MOTOR CAR COMPANY, Detroit, Mich. Filed Dec. 6, 1924.

The trade-mark consists of a hexagon surrounded by a ring.

Particular description of goods.—Automobiles and Constructive Parts Thereof.

Claims use since 1905.

Ser. No. 208,407. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE JEWETT RADIO & PHONOGRAPH CO., Detroit, Mich. Filed Jan. 21, 1925.

JEWETT Quality Products

No claim is made to the words "Quality Products" apart from the mark shown in the drawing.

Particular description of goods.—Radiodials, Radio Loud Speakers, Radio Receiving Sets, and Radio Loud-Speaker Units.

Claims use since Sept. 18, 1924.

Ser. No. 208,410. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOS LOWE CO. INC., Brooklyn, N. Y. Filed Jan. 21, 1925.

"HOUSE HOLD."

Particular description of goods.—Bread.

Claims use since about June 1, 1924.

Ser. No. 211,368. (CLASS 27. HOROLOGICAL INSTRUMENTS.) MESSINGWERK SCHWARZWALD AKTIEN-GESELLSCHAFT, Villingen, Germany. Filed Mar. 20, 1925.



The words "Schwarzwald Tula" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Watches and Parts Thereof.

Claims use since 1920.

Ser. No. 211,717. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STANDARD GROWERS EXCHANGE, Orlando, Fla. Filed Mar. 26, 1925.



No claim is made herein to the registration of the color lines shown in the drawing, nor to the pictorial representation of the goods, nor the words "Brand," "Grown in U. S. A.," "Oranges and Grapefruit," "Orlando, Florida," "Net Contents 1⅗ Bushels," and "Di Giorgio Fruit Corporation, New York." The words "Blue Flag" are made up of solid blue letters having a thin red border. The flag is blue with monogram in the center consisting of a white circle within which are two triangles forming a rectangle, one triangle being red on a solid blue background and the other triangle being blue on a solid red background.

Particular description of goods.—Fresh Fruits and Fresh Vegetables.

Claims use since September, 1924.

Ser. No. 214,083. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) KING QUALITY PRODUCTS, INC., Buffalo, N. Y. Filed May 9, 1925.

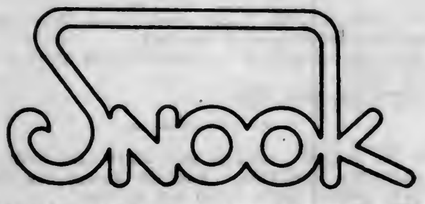


No claim is made herein to the words "Buffalo" and "Quality" apart from the mark as shown.

Particular description of goods.—Radio Apparatus and Parts—Namely, Tube Sockets, Rheostats, Panel Mountings, Jacks, Tube-Socket Adapters, Inductance Switches, Switch Levers, Knobs, Potentiometers, Dials, and Binding Posts.

Claims use since about Nov. 1, 1922.

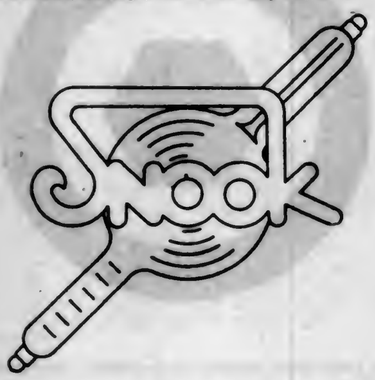
Ser. No. 214,900. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) VICTOR X-RAY CORPORATION, Chicago, Ill. Filed May 25, 1925.



Particular description of goods.—Rotary Rectifying Switches and X-Ray Apparatus.

Claims use since about 1908.

Ser. No. 214,901. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) VICTOR X-RAY CORPORATION, Chicago, Ill. Filed May 25, 1925.



Particular description of goods.—Rotary Rectifying Switches and X-Ray Apparatus.

Claims use since about 1908.

Ser. No. 215,090. (CLASS 37. PAPER AND STATIONERY.) THE PAPER MILLS' COMPANY, Chicago, Ill. Filed May 29, 1925.



The words "Fine Stationery" are disclaimed apart from the mark shown.

Particular description of goods.—Writing Paper and Mailing Envelopes.

Claims use since May 21, 1925.

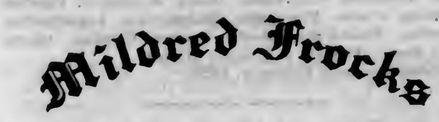
Ser. No. 217,113. (CLASS 39. CLOTHING.) SOPHIA ROSEN, doing business as Bernel Hosiery Company, Tulsa, Okla. Filed July 9, 1925.



Particular description of goods.—Silk Hosiery and Leather Shoes for Men, Women, and Children.

Claims use since May 1, 1925.

Ser. No. 218,238. (CLASS 39. CLOTHING.) ARONSON MANUFACTURING COMPANY, Dallas, Tex. Filed Aug. 1, 1925.

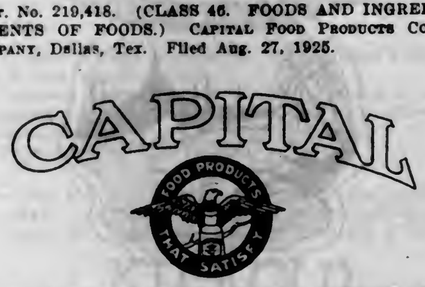


No claim is made to the word "Frocks" apart from the mark shown.

Particular description of goods.—Frocks, Dresses, and Gowns.

Claims use since Mar. 1, 1924.

Ser. No. 219,418. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CAPITAL FOOD PRODUCTS COMPANY, Dallas, Tex. Filed Aug. 27, 1925.



Applicant disclaims apart from the mark shown in the drawing the words "Food Products That Satisfy."

Particular description of goods.—Mayonnaise Salad Dressing, Mayonnaise, Mustard, Thousand Island Dressing, Horse-Radish, and Sandwich Relish Consisting of a Mixture of Cream Cheese, Mayonnaise, and Pickle Relish.

Claims use since July 1, 1925.

Ser. No. 221,753. (CLASS 15. OILS AND GREASES.) MASURY-YOUNG COMPANY, Charlestown, Mass. Filed Oct. 15, 1925.



Particular description of goods.—Lubricating Grease.

Claims use since about Jan. 1, 1910.

Ser. No. 222,565. (CLASS 39. CLOTHING.) FALK MERCANTILE COMPANY LIMITED, Boise, Idaho. Filed Oct. 30, 1925.



Particular description of goods.—Workingmen's Clothes—Namely, Overalls, Pants, and Work Shirts.

Claims use since May 1, 1925.

Ser. No. 222,645. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) VICTOR X-RAY CORPORATION, Chicago, Ill. Filed Oct. 31, 1925.



Particular description of goods.—Bucky Diaphragms or Secondary Ray Filters, Cassettes, Cassette Changers, Special Film Chests for Protecting Undeveloped X-Ray Films, Films, Film Holders, Film Mounts, Fluoroscopes, Sphere Gaps, Centrifuge Tubes, Centrifuge Cups, Centrifuge Heads, Intensifying and Fluoroscopic Screens, Fluoroscopic Grids, Interval Timers, Dark-Room Lamps, Phototherapy Lamps, Thermotherapy Lamps, Mercury-Vapor Quartz Lamps for Scientific Use, Hot-Wire and Electro-

static Meters, Storage and Drying Racks, Raygraphs, Stereoscopes for the Examination of X-Ray Photographs and Negatives, Fluoroscopic Lamps, Shadow and Illuminating Boxes, and X-Ray Timers.

Claims use since about 1897.

Ser. No. 223,137. (CLASS 15. OILS AND GREASES.) PANHANDLE REFINING COMPANY, Wichita, Falls, Tex. Filed Nov. 11, 1925.



The words "Petroleum Products" are disclaimed except in connection with the other features of the mark.

Particular description of goods.—Petroleum Products—Namely, Gasoline, Naphtha, Kerosene, Stove Distillate, and Fuel Oil.

Claims use since Sept. 15, 1925.

Ser. No. 223,848. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KEYSTONE GROCERY & TEA CO., Pittsburgh, Pa. Filed Nov. 25, 1925.

Naborhood

"Has A Friendly Flavor"

No claim is made to the phrase "Has a Friendly Flavor" apart from the mark as shown in the drawing.

Particular description of goods.—Coffee.

Claims use since June 1, 1924.

Ser. No. 225,299. (CLASS 2. RECEPTACLES.) E-Z OPENER BAG COMPANY, Decatur, Ill. Filed Dec. 30, 1925.



OAK

The representation of the paper bag is not claimed apart from the other features of the mark.

Particular description of goods.—Paper Bags.

Claims use since Aug. 1, 1902.

Ser. No. 225,303. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WM. GROSSMAN CO., Milwaukee, Wis. Filed Dec. 30, 1925.

ARENA

Particular description of goods.—Coffee, Tea, and Spices; Cocoa, Prepared Mustard, Food-Flavoring Extracts, Jams, Jellies, and Canned Goods—Namely, Corn, Peas, Tomatoes, Sauerkraut, Beans, Asparagus, Peaches, Apricots, Pears, Pineapples, Raspberries, Loganberries, Cherries, Blueberries, Beets, Tomato Catchup, Olives, Chili Sauce, Pickles, and Apple Butter.

Claims use since February, 1925.

Ser. No. 225,964. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PALMERS, LIMITED, Montreal, Quebec, Canada. Filed Jan. 15, 1926.



No claim is made to the word "Mandalay" apart as shown. The drawing is lined to indicate a red background.

Particular description of goods.—Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Face Powders, Face Packs, Compact Face Powders, Liquid Face Powders, Compact Rouges, Liquid Rouges, Talcum Powders, Eyebrow and Eyelash Growers, Eyebrow Pencils, Eyedrops, Face Bleachers, Hair Salves, Shampoos, Skin Lotions, Hand Lotions, Lip Sticks, Bath Salts, Witch-Hazel Salves, Chemical Preparations for Softening the Cuticle, Nail Polishes, Nail Bleaches, Toilet Waters, Perfumes, Hair Tonics, Tooth Powders, Dentifrices, Sachets, and Incense.

Claims use since Dec. 26, 1925.

Ser. No. 226,012. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARK H. MOODY, doing business as Winnisquam Farms, Waterbury, Vt. Filed Jan. 16, 1926.



The showing in the drawing is not intended to indicate color. No claim is made herein to any particular color, but broadly to the features illustrated regardless of color. No claim is made to the word "Moody" apart from the mark illustrated in the drawing.

Particular description of goods.—Farm, Orchard, or Milk Products—Namely, Fresh Milk, Fresh Apples, and Butter.

Claims use since Oct. 21, 1924.

Ser. No. 226,325. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) W. H. YOUNG CORPORATION, Chicago, Ill. Filed Jan. 23, 1926.

RE-STORO

No claim is made to the words "Ribbon Inking Fount" apart from the mark shown.

Particular description of goods.—Type-Operated Inking Appliances for Typewriters, Adding Machines, Addressographs, Cash Registers, and Check Protectors.

Claims use since Jan. 14, 1926.

Ser. No. 226,785. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WARREN P. RASH, Middlesboro, Ky. Filed Feb. 2, 1926.

KIL-KOLD

Particular description of goods.—Medicine for Colds, La Grippe, and Flu.

Claims use since September, 1924.

Ser. No. 226,968. (CLASS 11. INKS AND INKING MATERIALS.) PEERLESS ROLL LEAF CO., INC., New York, N. Y. Filed Feb. 6, 1926.

Superleaf

No claim is made to the word "Leaf" apart from the mark shown.

Particular description of goods.—Imitation Gold and Silver Leaf Mounted on a Roll of Paper.

Claims use since Aug. 1, 1925.

Ser. No. 227,474. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) HELMUTH REICHHOLD, doing business as Beck-Koller & Company, Detroit, Mich. Filed Feb. 18, 1926.



Particular description of goods.—Dry, Paste, and Ready-Mixed Paints, Varnishes, and Lacquers.

Claims use since Feb. 5, 1925.

Ser. No. 227,482. (CLASS 39. CLOTHING.) SUPER FASHION CLOTHES, Brooklyn, N. Y. Filed Feb. 18, 1926.

Super Fashion Clothes

No claim is made to the words "Fashion" and "Clothes" apart from the mark shown in the drawing.

Particular description of goods.—Men's Suits and Coats.

Claims use since Jan. 29, 1926.

Ser. No. 227,801. (CLASS 39. CLOTHING.) KASS-QUINBY RUBBER COMPANY, INC., New York, N. Y. Filed Feb. 25, 1926.



Particular description of goods.—Bibs, Baby Pants, Aprons, Bathing Caps, Bathing Capes, Shadow Petticoats, Bathing Shoes, Shadow Panels, Garters, Scarfs, Girdles, and Corsets.
Claims use since Mar. 12, 1925.

Ser. No. 227,831. (CLASS 12. CONSTRUCTION MATERIALS.) EUBÖOLITHWERKE A.-G. IN OLTEN, Olten, Switzerland. Filed Feb. 26, 1926.

EUBÖOLITH

Particular description of goods.—Jointless Floors, Wainscoting Panels, Ceilings, and Roofing Covers Made of Sawdust, Magnesite, and Chloride of Magnesium.
Claims use since Jan. 1, 1899.

Ser. No. 227,853. (CLASS 32. FURNITURE AND UPHOLSTERY.) ROLL-A-WAY BED CORPORATION, Chicago, Ill. Filed Feb. 26, 1926.

Da-o-dor

Particular description of goods.—Household Couches, Beds, Mattresses, and Bed Springs.
Claims use since July 26, 1924.

Ser. No. 228,019. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) ALL-AMERICAN RADIO CORPORATION, Chicago, Ill. Filed Mar. 3, 1926.



No exclusive right is claimed in the word "Treeliter" apart from the mark as shown.
Particular description of goods.—All-Metal Christmas-Tree Holders.
Claims use since July 31, 1925.

Ser. No. 228,231. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANCIS S. ECKEL, Los Angeles, Calif. Filed Mar. 6, 1926.

DELTA KING

Particular description of goods.—Fresh Citrous Fruits and Fresh Grapes.
Claims use since July 1, 1925.

Ser. No. 228,600. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANCIS S. ECKEL, Los Angeles, Calif. Filed Mar. 13, 1926.

DELTA QUEEN

Particular description of goods.—Fresh Citrous Fruits and Fresh Grapes.
Claims use since July 1, 1925.

Ser. No. 228,627. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARTIN C. WAHL, El Centro, Calif. Filed Mar. 13, 1926.

BARBARA WORTH



Applicant hereby disclaims the surname "Barbara Worth" apart from the mark as shown in the drawing. The mark consists of the name "Barbara Worth" and the pictorial representation of a girl which is fanciful.
Particular description of goods.—Fresh Cantaloupes and Fresh Vegetables.
Claims use since Feb. 23, 1926.

Ser. No. 228,975. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE COLES COMPANY, Middletown, Conn. Filed Mar. 22, 1926.

FORTUNE

Particular description of goods.—Wheat Flour, Stock and Poultry Feeds.
Claims use since July, 1904.

Ser. No. 229,507. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTRIC SALES SERVICE COMPANY, San Francisco, Calif. Filed Apr. 1, 1926.

THERM-ELECT

Particular description of goods.—Electric Air Heaters and Electric Water Heaters.
Claims use since Apr. 13, 1916.

Ser. No. 230,781. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM J. A. BAILEY, doing business as Bailey Radium Laboratories, East Orange, N. J., assignor to Pauline S. T. Bailey, trading as the Bailey Radium Laboratories, East Orange, N. J. Filed Apr. 27, 1926.

RADITHOR

Particular description of goods.—Radioactive Medicinal Water.
Claims use since May 1, 1925.

Ser. No. 231,540. (CLASS 15. OILS AND GREASES.) JOHN HANCOCK OIL CO., Minneapolis, Minn. Filed May 13, 1926.

JOHN HANCOCK

Particular description of goods.—Gasoline, Motor Oil, and Cup Grease, Gear Grease, and Lubricating Grease.
Claims use since Apr. 10, 1924.

Ser. No. 231,625. (CLASS 32. FURNITURE AND UPHOLSTERY.) MCDOUGALL COMPANY, Frankfort, Ind. Filed May 14, 1926.

Domestic Science

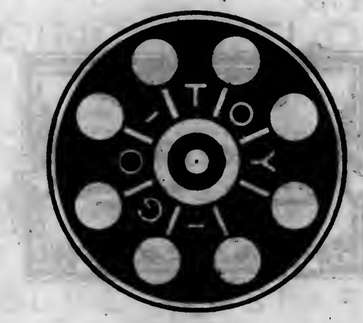
Particular description of goods.—Kitchen Cabinets, Domestic Units in the Nature of Cupboard Units.
Claims use since May 21, 1921, on kitchen cabinets, and on kitchen units, in the nature of cupboard units since July 1, 1923.

Ser. No. 232,059. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ABBOTT LABORATORIES, North Chicago, Ill. Filed May 22, 1926.

AROMOL

Particular description of goods.—Tasteless Castor Oil.
Claims use since Dec. 27, 1924.

Ser. No. 232,561. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) GO-TOY MFRS. INC., Brooklyn, N. Y. Filed June 1, 1926.



No claim is made to the word "Toy" except as associated with the word "Go" and other features of the mark.
Particular description of goods.—Mechanical Toys—e. g., Children's Wheeled Toys.
Claims use since Nov. 1, 1925.

Ser. No. 233,580. (CLASS 45. BEVERAGES, NONALCOHOLIC.) SEARS & DERR COMPANY, Chillicothe, Ohio. Filed June 21, 1926.

PERFECTO

"Perfecto."
Particular description of goods.—Nonalcoholic, Malt-less Beverages and Flavoring Syrups Used in Making the Same.
Claims use since May 21, 1926.

Ser. No. 234,005. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) SERVICE EQUIPMENT CO., South Gate, Calif. Filed July 1, 1926.



Particular description of goods.—Air-Pressure Gauges.
Claims use since July 15, 1925.

Ser. No. 234,080. (CLASS 39. CLOTHING.) BROWN-DURRELL CO., Boston, Mass., and New York, N. Y. Filed July 8, 1926. Under section 5b of the act of 1905 as amended in 1920.

ForestMills

Particular description of goods.—Underwear of Knitted, Netted, or Textile Fabric, and Bathing Suits.
Claims use since 1885 on underwear and since 1921 on bathing suits.

Ser. No. 234,127. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JÜNGER & GEBHARDT AKT. GES., Berlin, Germany. Filed July 3, 1926.



The wording and naming in the mark is disclaimed apart from the manner shown.

Particular description of goods.—Hair Tonic, Mouth Wash, Perfumes, Eau de Cologne Water, Lavender Water, Rouge, Cold Cream, Vanishing Cream, Tooth Paste, Mustache Pomade, Face Powder, and Baby Powder.

Claims use since Apr. 1, 1914.

Ser. No. 234,605. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) YOUNGS RUBBER CORPORATION, INC., New York, N. Y. Filed July 15, 1926.



The mark is lined to indicate a red color.

Particular description of goods.—Prophylactic Rubber Articles for the Prevention of Contagious Diseases.

Claims use since December, 1916.

Ser. No. 234,810. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE ZANINOVICH, doing business as Zaninovich Bros. Vineyards, Orosi, Calif. Filed July 20, 1926.

METROPOLITAN

Particular description of goods.—Fresh Grapes.

Claims use since Mar. 31, 1926.

Ser. No. 235,149. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LAEL CHARLES LEE, El Centro, Calif. Filed July 26, 1926.

DEFIANCE

Particular description of goods.—Fresh Cantaloupes, Fresh Vegetables—Namely, Lettuce; and Fresh Grapes.

Claims use since Jan. 15, 1926.

Ser. No. 235,800. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) CHILDREN'S VEHICLE CORPORATION, East Templeton, Mass. Filed Aug. 11, 1926.

C.V.C.

Particular description of goods.—Children's Wheel Toys, Doll Carriages, Velocipedes, Jingle Cars, Scooters, Toy Wheelbarrows, and Toy Fiber Furniture.

Claims use since July 1, 1918.

Ser. No. 236,025. (CLASS 13. HARDWARE AND PLUMBING AND STEAM FITTING SUPPLIES.) THE FOSTORIA SCREW COMPANY, Fostoria, Ohio. Filed Aug. 16, 1926.

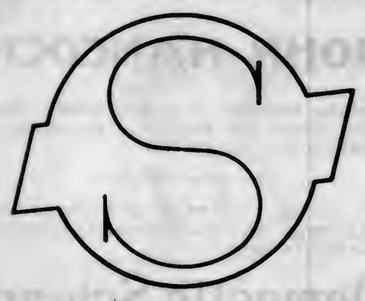


The words "Bolts," "Bushings," and "Line" are disclaimed apart from the mark. The drawing is lined for blue.

Particular description of goods.—Automobile Steering-Knuckle Bolts and Bushings, Tie-Rod Bolts and Bushings, and Spring-Shackle Bolts and Bushings.

Claims use since Jan. 1, 1924.

Ser. No. 236,350. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE STUDEBAKER CORPORATION, South Bend, Ind. Filed Aug. 23, 1926.



Particular description of goods.—Automobiles and Structural Parts Thereof.

Claims use since July 7, 1926.

Ser. No. 236,858. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) L. S. WATSON MANUFACTURING CO., Leicester, Mass. Filed Sept. 3, 1926.



Particular description of goods.—Horse and Curry Cards and Hand Cards Adapted for Brushing the Hair or Fur of Live Animals.

Claims use since Jan. 1, 1926.

Ser. No. 236,897. (CLASS 39. CLOTHING.) HENDERSON AND ERVIN, Norwalk, Conn. Filed Sept. 4, 1926.



Applicant disclaims the right to register the words "Curve Cut" aside from the mark as shown.

Particular description of goods.—Underwear of Woven Fabric.

Claims use since Aug. 6, 1926.

Ser. No. 236,943. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE MARIETTA PAINT & COLOR COMPANY, Marietta, Ohio. Filed Sept. 7, 1926.

VARNITRO

Particular description of goods.—Varnishes.

Claims use since July 20, 1926.

Ser. No. 237,412. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LEILAMAE HARLOW, Fort Worth, Tex. Filed Sept. 18, 1926.

KIDDIE CAKE CUPS

The words "Cake Cups" are disclaimed apart from the mark as shown.

Particular description of goods.—Ice-Cream Cones.

Claims use since Oct. 1, 1923.

Ser. No. 237,445. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE DESTROOPER'S RAINCOAT CO., Brussels and Ixelles-Brussels, Belgium. Filed Sept. 20, 1926.

MORSKIN

Particular description of goods.—Skins and Leather.

Claims use since Mar. 1, 1926.

Ser. No. 237,478. (CLASS 20. BROOMS, BRUSHES, AND DUSTERS.) THE TEFRA CO., Wilmington, Del. Filed Sept. 20, 1926.

TEFRA

The mark consists of the word "Tefra."

Particular description of goods.—Toothbrushes, Toothbrush Heads and Handles Therefor.

Claims use since on or about Aug. 20, 1926.

Ser. No. 237,615. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) MOTO-GAUGE COMPANY, New York, N. Y. Filed Sept. 23, 1926.

MOTO-GAUGE

No claim is made to the word "Gauge" apart from the mark shown in the drawing.

Particular description of goods.—Measuring Instruments for Determining Operating Conditions in Combustion Engines.

Claims use since about Mar. 20, 1926.

Ser. No. 237,646. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) E. C. ATKINS & Co., Indianapolis, Ind. Filed Sept. 24, 1926.

CINCH-WELD

No claim is made to the word "Weld" except as used in the mark shown.

Particular description of goods.—Machine Knives.

Claims use since on or about May 1, 1925.

Ser. No. 237,647. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) E. C. ATKINS & Co., Indianapolis, Ind. Filed Sept. 24, 1926.

BLUE STAR



Particular description of goods.—Machine Knives.

Claims use since on or about May 1, 1925.

Ser. No. 237,672. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LEMON GROVE FRUIT GROWERS ASSOCIATION, Lemon Grove, Calif. Filed Sept. 24, 1926.

Satisfaction

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.

Claims use since Jan. 2, 1925.

Ser. No. 237,720. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK H. BUCK COMPANY, San Francisco, Calif. Filed Sept. 25, 1926. Under 10-year proviso.

BUCK BRAND



The vertical ruling of the drawing is intended to denote the color red. Applicant disclaims for its registration the word "Brand."

Particular description of goods.—Fresh Deciduous Fruits—Namely, Apples, Apricots, Cherries, Grapes, Peaches, Pears, and Plums.

Claims use since 1886.

Ser. No. 238,287. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RALPHA HALE SELBY, Fairoaks, Calif. Filed Oct. 7, 1926.

CHOC-O-LATED

No claim is made to the excusive right to use the word "Chocolated" or the word "Figs" apart from the other features of the mark.

Particular description of goods.—Dried Figs.

Claims use since on or about Oct. 15, 1925.

Ser. No. 238,288. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RALPHA HALE SELBY, Fairoaks, Calif. Filed Oct. 7, 1926.



No claim is made to the exclusive use of the word "Brand" nor the geographical term "Tahoe" apart from the mark shown.

Particular description of goods.—Dried Fruits.

Claims use since on or about Oct. 15, 1925.

Ser. No. 238,384. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MIOWN CREME CO., New York, N. Y.. Filed Oct. 9, 1926

MIOWN VANISHING CREME

No claim is made to the words "Vanishing Creme" apart from the mark shown in the drawing.

Particular description of goods.—Vanishing Cream.

Claims use since June 8, 1926.

Ser. No. 238,483. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARON CORPORATION, New York, N. Y. Filed Oct. 12, 1926.



The drawing is lined to indicate the color red.

Particular description of goods.—Perfumery and Toilet Water.

Claims use since December, 1925.

Ser. No. 238,499. (CLASS 38. PRINTS AND PUBLICATIONS.) THE FOURTH ESTATE PUBLISHING COMPANY, New York, N. Y. Filed Oct. 12, 1926.



Particular description of goods.—Weekly Publication.

Claims use since July 10, 1926.

Ser. No. 238,664. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) O-U-DUST CORPORATION, Pasadena, Calif. Filed Oct. 15, 1926.

O-U-DUST

Particular description of goods.—Brushes, Mops, Dusters, and Dusting Cloths.

Claims use since Aug. 1, 1925.

Ser. No. 238,786. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) HARTMAN WHOLESALE CORPORATION, Chicago, Ill. Filed Oct. 18, 1926.



Applicant disclaims exclusive use of the word "Efficiency" apart from the mark shown on the drawing. The drawing is lined to indicate the colors gold and red.

Particular description of goods.—Coal, Wood, and Gas Burning Cookstoves and Ranges.

Claims use since Apr. 15, 1926.

Ser. No. 238,840. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE CINCINNATI AUTO SPECIALTY CO., Cincinnati, Ohio. Filed Oct. 19, 1926.

BILTMORE

Particular description of goods.—Fabric Door and Seat Covers for Automobiles.

Claims use since February, 1926.

Ser. No. 238,902. (CLASS 39. CLOTHING.) FIRESTONE FOOTWEAR COMPANY, Hudson, Mass. Filed Oct. 20, 1926.



Applicant owns registration No. 166,029.

Particular description of goods.—Footwear of Rubber, Fabric and Rubber, and Fabric—Namely, Boots, Shoes, Rubbers, Overshoes, Sandals, Pacs, Arctics, Galoshes, and Gaiters.

Claims use since Aug. 1, 1924.

Ser. No. 239,111. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE HOSPITAL SPECIALTY CO., Cleveland, Ohio. Filed Oct. 23, 1926.

CO-EDS

Particular description of goods.—Sanitary Napkins.

Claims use since Aug. 12, 1926.

Ser. No. 239,295. (CLASS 15. OILS AND GREASES.) E. DE HAËN A.-G., Seelze, near Hanover, Germany. Filed Oct. 27, 1926.

Kollag

"Kollag."

Particular description of goods.—Lubricating Oils and Lubricating Greases Which Contain Colloidal Graphite.

Claims use since 1915.

Ser. No. 239,680. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WM. SCHLUDERBERG-T. J. KURDLE CO., Baltimore, Md. Filed Nov. 4, 1926.

ESSKAY QUALITY

No claim is made to the word "Quality" apart from the mark as shown in the drawing.

Particular description of goods.—Animal and Poultry Foods Consisting of Meat Scrap (Meat and Bone Cracklings Cooked and Dried), Digester Tankage (Meat, Blood, and Bone Cooked and Dried), Meat Meal (Regular Production of Packing-House Tankage Made from Meat and Bone Cooked and Dried), Soluble Blood (Animal Blood Cooked and Dried), Bone Meal (Packing-House Bones Cooked and Dried).

Claims use since Jan. 1, 1920.

Ser. No. 239,697. (CLASS 39. CLOTHING.) FRANK H. CHAMBERLAIN COMPANY, INCORPORATED, Boston, Mass. Filed Nov. 5, 1926.



No claim is made to the exclusive use of the word "Boston" apart from the mark shown.

Particular description of goods.—Men's, Boys', and Women's Hats and Caps.

Claims use since Jan. 1, 1907.

Ser. No. 240,228. (CLASS 39. CLOTHING.) U. S. GLOVE CO., Marion, Ind. Filed Nov. 17, 1926.

Rubber-Neck

"Rubber-Neck."

Particular description of goods.—Working Gloves, Mittens, and Gauntlets Made of Cotton, Canton Flannel, Canvas and Jersey, and Leather, and of Leather Combinations, of Canton Flannel and Leather, and Canvas and Leather, and Rubberized Material.

Claims use since Nov. 3, 1926.

Ser. No. 240,229. (CLASS 39. CLOTHING.) U. S. GLOVE CO., Marion, Ind. Filed Nov. 17, 1926.

Turtle-Neck

"Turtle-Neck."

Particular description of goods.—Working Gloves, Mittens, and Gauntlets Made of Cotton, Canton Flannel, Canvas and Jersey, and Leather, and of Leather Combinations, of Canton Flannel and Leather, and Canvas and Leather.

Claims use since Jan. 21, 1926.

Ser. No. 240,233. (CLASS 12. CONSTRUCTION MATERIALS.) WEAVER-HENRY MFG. CO., Los Angeles, Calif. Filed Nov. 17, 1926.

SUPERBA

Particular description of goods.—Asphalt-Coated Composition or Paper Shingles for Roofing, Roofing Paper.

Claims use since June, 1922.

Ser. No. 240,269. (CLASS 39. CLOTHING.) L. D. LIVINGSTON & SONS, New York, N. Y. Filed Nov. 18, 1926.

Livingston
STYLE PLUS
CUSTOM MADE

No claim is made to the words "Livingston Style" and "Custom Made" apart from the mark shown on the drawing.

Particular description of goods.—Men's Shirts—Namely, Dress, Negligee, and Work Shirts Made of Textile Fabric.

Claims use since June, 1926.

Ser. No. 240,311. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARTYN ROSSE CO., Omaha, Nebr. Filed Nov. 19, 1926.

PEANUT BUTTER
BREAD

No claim is made to the words "Peanut Butter Bread" and "This Label Protects You" except in association with the mark as shown.

Particular description of goods.—Bread.

Claims use since Aug. 21, 1926.

Ser. No. 240,318. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WILLIAM A. F. POWER, Harvard, Mass. Filed Nov. 19, 1926.

OLD COLONY
bwp
PEWTER

Applicant disclaims the use of the word "Pewter" apart from the mark as shown in the drawing.

Particular description of goods.—Pewter Ware—Namely, Porringers, Bowls, Basins, Mugs, Plates, Platters, Pitchers, Coffeepots, Teapots, Sugar Bowls, Beakers, Ladles for Serving Food, Flagons, and Trays.

Claims use since Nov. 1, 1926.

Ser. No. 240,435. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) OLIVER CHILLED PLOW WORKS, South Bend, Ind. Filed Nov. 22, 1926.

FALLOVATOR

Particular description of goods.—Farm Cultivators for Use Prior to Planting.

Claims use since May 28, 1926.

Ser. No. 240,512. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TACOMA GROCERY COMPANY, INC., Tacoma, Wash. Filed Nov. 23, 1926.

Fairmont
BRAND
T·G·C
FANCY QUALITY

The words "Fairmont," "Fancy Quality," and "Brand" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Canned Fish, Canned Shellfish, Catchup and Coffee in Cans, and Pearl Barley, Dried Peas, Pop Corn in its Natural State, Tapioca, Sago, Potato Flour; Raisins, Dried Currants, and Tea in Cartons; Food-Flavoring Extracts, Catchup in Bottles; Celery Salt, Pepper, and Vinegar in Glass Containers; Peanut Butter, and Spices.

Claims use prior to and since Jan. 3, 1905.

Ser. No. 240,646. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDMOND DESCHIENS, Paris, France. Filed Nov. 27, 1926.

DESCHIENS

The signature is a facsimile of the signature of applicant, and such signature, as well as the disks and bars, is in red. The name "Deschiens" appearing in block type is disclaimed.

Particular description of goods.—Medicinal Preparations of Hæmoglobin Used for the Treatment of Anæmia, Debilitated Conditions, and Other Evidences of Hæmoglobin Deficiency.

Claims use since Sept. 1, 1906.

Ser. No. 241,007. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHERN COFFEE MILLS, LIMITED, New Orleans, La. Filed Dec. 4, 1926.

GLOBE

Particular description of goods.—Roasted and Ground Coffee.

Claims use since July, 1903.

Ser. No. 241,073. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ANDREW L. THOMPSON, doing business as Play Paddle Mfg. Co., Seattle, Wash. Filed Dec. 6, 1926.

TOUR
A
TRIP

The drawing is lined for shading.

Particular description of goods.—Table Games Played With a Ball on a Board.

Claims use since Sept. 15, 1926.

Ser. No. 241,199. (CLASS 2. RECEPTACLES.) THE AMERICAN THERMOS BOTTLE COMPANY, Norwich, Conn. Filed Dec. 9, 1926.

THERMOS

The mark consists of the word "Thermos."

Particular description of goods.—Bottles, Jars, Decanters, Carafes, Hip Flasks, Coffeepots, Teapots, Jugs, Lunch Kits, Lunch Boxes, Carrying Cases for Bottles, and Double-Walled Vacuum Fillers of Glass Used in Bottles, Jars, Carafes, Jugs, Decanters, Coffeepots, and Teapots.

Claims use since 1907 on bottles; since 1908 on jars and decanters; since 1910 on carafes; since 1909 on hip flasks and humidors; on coffeepots since 1908 or 1909; on teapots and jugs since 1912; on lunch kits since 1910; on lunch boxes since 1911; on carrying cases for bottles since 1907; and on double-walled vacuum fillers of glass for bottles, jars, etc., since 1907.

Ser. No. 241,254. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) AMES SHOVEL AND TOOL COMPANY, Boston, Mass. Filed Dec. 10, 1926.

DREDNOT

Particular description of goods.—Shovels, Spades, and Scoops.

Claims use since January, 1924.

Ser. No. 241,263. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CONCRETE ENGINEERING COMPANY, Omaha, Nebr. Filed Dec. 10, 1926.



The mark consists in arbitrarily coloring the point red. No claim is made to the representation of a post.

Particular description of goods.—Painted Tubular Steel Fenceposts.

Claims use since Nov. 17, 1926.

Ser. No. 241,270. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ETNA WATCH COMPANY, New York, N. Y. Filed Dec. 10, 1926.

E.W.CO.

Particular description of goods.—Clocks and Watches.

Claims use since Nov. 1, 1925.

Ser. No. 241,299. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LOUIS ROESSEL & CO., INC., Hazleton, Pa., and New York, N. Y. Filed Dec. 10, 1926.

"Gold Dragon"

Particular description of goods.—Silk Goods in the Piece.

Claims use since Feb. 18, 1926.

Ser. No. 241,412. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE HADFIELD-PENFIELD STEEL COMPANY, Bucyrus, Ohio. Filed Dec. 13, 1926.

crawlerize

Particular description of goods.—Tractors, Road Graders, Crawler Tracks for Tractors, Road-Working Machines, and Parts Thereof.

Claims use since Nov. 1, 1926.

Ser. No. 241,459. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALLEN-RETHEMEYER CO., doing business as Rethemeyer Coffee Co., St. Louis, Mo. Filed Dec. 14, 1926.

COSMO



COFFEE

No claim is made to the word "Coffee" apart from the mark shown.

Particular description of goods.—Coffee.

Claims use since July 29, 1919.

Ser. No. 241,850. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE ABOX COMPANY, Chicago, Ill. Filed Dec. 23, 1926.

Abox

Particular description of goods.—Filters and Battery Eliminators for Use with Radio Apparatus.

Claims use since about May 1, 1926.

Ser. No. 241,946. (CLASS 39. CLOTHING.) MANDEL & COHEN, New York, N. Y. Filed Dec. 24, 1926.



Chinese character means longevity.

Particular description of goods.—Ladies' Hosiery.

Claims use since about Aug. 3, 1926.

Ser. No. 241,969. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) SOUTHWARK FOOD PRODUCTS CO., Philadelphia, Pa. Filed Dec. 24, 1926.

CENTENNIAL

Particular description of goods.—Malt Sirup for Food Purposes.

Claims use since Feb. 18, 1921.

Ser. No. 242,009. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) KOKOMO AUTOMOTIVE MFG. CO., Kokomo, Ind. Filed Dec. 27, 1926.

KAMCO

Particular description of goods.—Ventilating Eaves, Windshield Wings, and Rear-View Mirrors for Automobiles.

Claims use since Dec. 1, 1926.

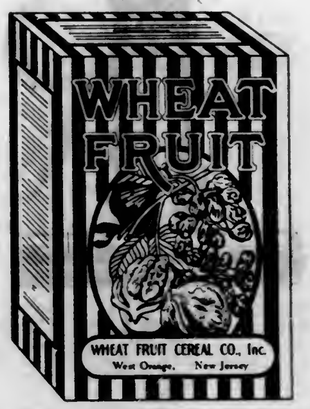
Ser. No. 242,018. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MINNEAPOLIS MILLING COMPANY, Minneapolis, Minn. Filed Dec. 27, 1926.



Particular description of goods.—Wheat Flour.

Claims use since about June 1, 1928.

Ser. No. 242,034. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WHEAT FRUIT CEREAL CO. INC., West Orange, N. J. Filed Dec. 27, 1926.



No claim is made to the exclusive right to use the words "Wheat" or "Fruit," or "Wheatfruit Cereal Co., Inc.," or "West Orange, New Jersey," or the representation of a carton, or the representation of fruit except in the combination shown.

Particular description of goods.—Cereal Breakfast Food.

Claims use since Sept. 30, 1926.

Ser. No. 242,053. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) DURWILLAN COMPANY, INC., Paterson, N. J. Filed Dec. 28, 1926.



The mark consists in a red color stripe woven through the center of the goods, as indicated by the lining shown in the drawing, and the word "Redcenter" and oblique lines stenciled, stamped, or printed on the outer surface of the goods. No claim is made to the representation of a transmission lining apart from the mark shown in the drawing.

Particular description of goods.—Transmission and Brake-Band Linings and Cotton Belting.

Claims use since Nov. 5, 1926.

Ser. No. 242,092. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CHROME ALLOY TUBE CORPORATION, New York, N. Y. Filed Dec. 29, 1926.



No claim is made to the exclusive use of the representation of a tube apart from the mark shown.

Particular description of goods.—Metal-Alloy Tubes.

Claims use since July, 1926.

Ser. No. 242,192. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HAYS MANUFACTURING COMPANY, Erie, Pa. Filed Dec. 30, 1926.

Eclipse

Particular description of goods.—Machines for Tapping Water and Gas Mains and Parts Thereof.

Claims use since Sept. 23, 1910.

Ser. No. 242,265. (CLASS 31. FILTERS AND REFRIGERATORS.) HYMAN GOLDENSON, doing business as Goldenson Furniture Company, Pittsburgh, Pa. Filed Dec. 31, 1926.



Particular description of goods.—Refrigerators, Ice Boxes, and Ice-Making Machines.

Claims use since November, 1925.

Ser. No. 242,357. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) R. T. VANDERBILT COMPANY, INC., New York, N. Y. Filed Jan. 4, 1927.



No claim is made for the words "N. Y., American Products. Clay" apart from the distinctive design shown in the drawing.

Particular description of goods.—Clay Used as a Filler in the Manufacture of Paper, Paints, and Rubber Products.

Claims use since Oct. 1, 1926.

Ser. No. 242,359. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) R. T. VANDERBILT COMPANY, INC., New York, N. Y. Filed Jan. 4, 1927.



No claim is made to the words "N. Y., American Products" apart from the distinctive design shown in the drawing.

Particular description of goods.—Pyrophyllite or Talc Used as a Filler in the Manufacture of Paper, Paints, and Rubber Products.

Claims use since Oct. 1, 1926.

Ser. No. 242,420. (CLASS 38. PRINTS AND PUBLICATIONS.) FIRST NATIONAL BANK IN ST. LOUIS, St. Louis, Mo. Filed Jan. 6, 1927.



Particular description of goods.—Printed Books, Booklets, and Pamphlets Issued from Time to Time.

Claims use since Dec. 29, 1926.

Ser. No. 242,520. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. H. CATHCART & JAMES S. THOMPSON COMPANY, doing business as Lustrine Laboratories, St. Paul, Minn. Filed Jan. 8, 1927.



All wording except "Lustrine" and "Lustrine Laboratories" is disclaimed apart from the mark as shown on the drawing.

Particular description of goods.—Shampoo.

Claims use since October, 1926.

Ser. No. 242,540. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE KUNER PICKLE CO., Brighton, Colo. Filed Jan. 8, 1927.



Particular description of goods.—Canned Vegetables, Canned Pork and Beans, and Pickles.

Claims use since Aug. 2, 1926, on canned vegetables; since June 15, 1926, on pickles; and since Apr. 5, 1926, on pork and beans.

Ser. No. 242,662. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SAML. GABRIEL SONS & COMPANY, New York, N. Y. Filed JAN. 11, 1927.

Gloria

Particular description of goods.—Water Colors.

Claims use since Dec. 23, 1926.

Ser. No. 242,702. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE BEVERLY CO., Louisville, Ky. Filed Jan. 12, 1927.



Particular description of goods.—Furniture—Namely, Folding Cots, Folding Tables, Folding Stools, and Folding Chairs, Including Comfort Chairs, Reclining Chairs, and Lawn Chairs.

Claims use since Dec. 31, 1926.

Ser. No. 242,737. (CLASS 15. OILS AND GREASES.) NORTHERN IOWA OIL CO., Cresco, Iowa. Filed Jan. 12, 1927.



No claim is made to the representation of a barrel as a container of the goods.

Particular description of goods.—Gasoline.

Claims use since Nov. 1, 1926.

Ser. No. 242,816. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CELLAS', INC., New York, N. Y. Filed Jan. 14, 1927.

CELLAS'

Particular description of goods.—Tomato Sauce, Macaroni, and Olive Oil.
Claims use since June, 1926.

Ser. No. 242,923. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) F. U. STEARNS & COMPANY, New York, N. Y. Filed Jan. 15, 1927.



No claim is made to the exclusive use of the words "Fabrics" and "Guaranteed Vat Fast Colors" apart from the mark shown in the drawing.
Particular description of goods.—Cotton Piece Goods.
Claims use since Mar. 12, 1925.

Ser. No. 242,933. (CLASS 27. HOROLOGICAL INSTRUMENTS.) S. WEISSMAN CO., INC., New York, N. Y. Filed Jan. 15, 1927.

WEISBRO

Particular description of goods.—Watches, Watch Movements, and Parts of the Same.
Claims use since on or about Nov. 15, 1926.

Ser. No. 242,993. (CLASS 39. CLOTHING.) HARPHAM BROTHERS COMPANY, Lincoln, Nebr. Filed Jan. 18, 1927.

Golden Giant

Particular description of goods.—Glove and a Mitten of Fabric.
Claims use since Aug. 10, 1926.

Ser. No. 243,068. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SQUILLS AND DE LACY LIMITED, Clitheroe, England. Filed Jan. 19, 1927.

TONCINE

Particular description of goods.—Preparations for the Prevention and Treatment of Diseases of Pigeons or Poultry.
Claims use since 1919.

Ser. No. 243,069. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SQUILLS AND DE LACY LIMITED, Clitheroe, England. Filed Jan. 19, 1927.

VITAGOR

Particular description of goods.—Preparations for the Prevention and Treatment of Diseases of Pigeons or Poultry.
Claims use since 1919.

Ser. No. 243,070. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SQUILLS AND DE LACY LIMITED, Clitheroe, England. Filed Jan. 19, 1927.

VIMOCINE

Particular description of goods.—Preparations for the Prevention and Treatment of Diseases of Pigeons or Poultry.
Claims use since 1919.

Ser. No. 243,097. (CLASS 39. CLOTHING.) LEOPOLD & COMPANY, Chicago, Ill. Filed Jan. 20, 1927.

BretonHall

Particular description of goods.—Men's Coats, Vests, Trousers, Knickerbockers, Suits, and Overcoats.
Claims use since Nov. 1, 1926.

Ser. No. 243,098. (CLASS 39. CLOTHING.) LEOPOLD & COMPANY, Chicago, Ill. Filed Jan. 20, 1927.

BretonHall CLOTHES

The trade-mark consists of the entire mark shown in the drawing, no claim being made to the word "Clothes."
Particular description of goods.—Men's Coats, Vests, Trousers, Knickerbockers, Suits, and Overcoats.
Claims use since Nov. 1, 1926.

Ser. No. 243,116. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) H. G. SAAL COMPANY, Chicago, Ill. Filed Jan. 20, 1927.



The representation of the goods apart from the mark shown in the drawing is disclaimed as a trade-mark.
Particular description of goods.—Radio Loud Speakers.
Claims use since June, 1926.

Ser. No. 243,120. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) SURPASS LEATHER COMPANY, Philadelphia, Pa. Filed Jan. 20, 1927.



No claim is made to the word "Kangaroo" apart from the other features of the mark shown in the drawing.
Particular description of goods.—Leathers.
Claims use since 1908.

Ser. No. 243,152. (CLASS 27. HOROLOGICAL INSTRUMENTS.) HIPP. DIDISHEIM CO., INC., New York, N. Y. Filed Jan. 21, 1927.

BOB-O-LINK

Particular description of goods.—Watches, Watchcases, Watch Movements, and Parts Thereof.
Claims use since about Nov. 1, 1926.

Ser. No. 243,193. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HENRY BORGSMILLER & SONS, Murphysboro, Ill. Filed Jan. 22, 1927.

WATER MILL

"Water-Mill."
Particular description of goods.—Canned Red Beans, Canned Kidney Beans, Canned Corn, Canned Sauerkraut, Canned Peas, Canned Pork and Beans, Vienna Sausages, Potted Meats, Vinegar, Canned Tomatoes, Canned Pineapple, Canned Peaches, Canned Apricots, Canned Red Pitted Cherries, Canned Pears, Canned Hominy, Canned Pumpkin, and Canned String Beans.
Claims use since June 25, 1906.

Ser. No. 243,210. (CLASS 39. CLOTHING.) HART, SCHAFFNER & MARX, Chicago, Ill. Filed Jan. 22, 1927.

Gulliver Stripes

Applicant makes no claim under the statute of the word "Stripes" except in connection with the mark as shown.
Particular description of goods.—Men's Suits and Coats.
Claims use since Dec. 22, 1926.

Ser. No. 243,220. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LOUIS KNECHT, doing business as The Walser Manufacturing Company, Clifton, N. J. Filed Jan. 22, 1927.

Walanese

Particular description of goods.—Knitted Fabrics of Silk and Rayon and Mixtures Thereof.
Claims use since Jan. 3, 1927.

Ser. No. 243,274. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RICHARD W. LEONARD, INC., Chicago, Ill. Filed Jan. 24, 1927.

LEONARD'S
KEM-TRATES
(Chemical Concentrates)

The words "Leonard's" and "Chemical Concentrates" appearing on the drawing are disclaimed as a part of the trade-mark.
Particular description of goods.—Insecticides, Insect Repellants, and Disinfectants.
Claims use since May 14, 1926.

Ser. No. 243,357. (CLASS 15. OILS AND GREASES.) FRANKLIN OIL COMPANY, Burbank, Calif. Filed Jan. 26, 1927.

PENNSTAYS

Particular description of goods.—Lubricating Oils and Greases, Cup Grease, Universal-Joint Greases, Transmission and Differential Greases, and Steam-Cylinder Oil.
Claims use since May, 1926.

Ser. No. 243,374. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LA VERNE ORANGE ASSOCIATION, La Verne, Calif. Filed Jan. 26, 1927.

FUCHSIA

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since 1910.

Ser. No. 243,377. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LA VERNE ORANGE ASSOCIATION, La Verne, Calif. Filed Jan. 26, 1927.

Wistaria

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since 1910.

Ser. No. 243,396. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) STANDARD INSULATION COMPANY, Rutherford, N. J. Filed Jan. 26, 1927.

SICO

Particular description of goods.—Insulating Tapes, Varnished Cloth, Papers, Varnished Papers, Varnished Silk, Varnished Duck, and Varnished Canvas in Sheets and Rolls, All Used for Electrical Insulation.
Claims use since about Jan. 1, 1917.

Ser. No. 243,408. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN CHICLE COMPANY, Long Island City, N. Y. Filed Jan. 27, 1927.

WintaBerry

Particular description of goods.—Chewing Gum.
Claims use since July 23, 1926.

Ser. No. 243,415. (CLASS 38. PRINTS AND PUBLICATIONS.) CHAMBERS PRINTING WORKS, Kalamazoo, Mich. Filed Jan. 27, 1927.

The Mail Order Field

Particular description of goods.—Monthly Publication.
Claims use since November, 1921.

Ser. No. 243,456. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) REID ICE CREAM CORPORATION, Brooklyn, N. Y. Filed Jan. 27, 1927.

Choco-Loafe

Particular description of goods.—Ice-Cream Confection.
Claims use since Jan. 17, 1927.

Ser. No. 243,478. (CLASS 12. CONSTRUCTION MATERIALS.) C. F. BURGESS LABORATORIES, INC., Madison, Wis. Filed Jan. 28, 1927.

BURGESS

ROCKBOARD

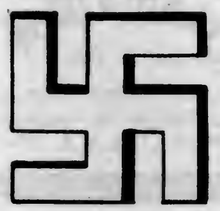
Applicant disclaims any exclusive right to the name "Burgess" and word "Rockboard" apart from the mark shown in the drawing.
Particular description of goods.—Wall Board.
Claims use since Dec. 31, 1926.

Ser. No. 243,486. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) FILM BOOKING OFFICES OF AMERICA, INC., New York, N. Y. Filed Jan. 28, 1927.

AN FBO PRODUCTION

No claim is made to the exclusive use of the word "Production" apart from the other features shown in the mark. The lining is intended to indicate shading only.
Particular description of goods.—Motion-Picture Films.
Claims use since Sept. 12, 1926.

Ser. No. 243,559. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PACIFIC COAST BISCUIT CO., Portland, Oreg. Filed Jan. 29, 1927.



Particular description of goods.—Crackers and Candy.
Claims use since Mar. 1, 1907.

Ser. No. 243,561. (CLASS 32. FURNITURE AND UPHOLSTERY.) REYNOLDS SPRING COMPANY, Jackson, Mich. Filed Jan. 29, 1927.

REYNODOWN

Particular description of goods.—Spring Structures Such as Spring Seats or Cushions for Automobiles and the Like.
Claims use since June 3, 1926.

Ser. No. 243,596. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) JULIUS DIETZMANN, doing business as Ironcraft Works, Los Angeles, Calif. Filed Jan. 31, 1927.



The wrought-iron pieces shown in the trade-mark are fanciful, and no claim is made thereto apart from the mark shown.
Particular description of goods.—Hand-Wrought Iron Products—Namely, Iron Grille-Work Guards, Fences and Panels, Andirons, Gates and Hand Rails, Fire Screens, Hooks and Hangers, Hinges, Latches, Brackets, Door Pulls, and Push Plates, Escutcheons, and Curtain Supports.
Claims use since about September, 1923.

Ser. No. 243,610. (CLASS 39. CLOTHING.) S. LIEBOVITZ & SONS, INC., New York, N. Y. Filed Jan. 31, 1927.

SILVERSHEEN TOWN TOPIC

Applicant disclaims the right to the exclusive use of the word "Silversheen" apart from the mark shown in the drawing.
Particular description of goods.—Wearing Apparel—Namely, Dress Shirts, Negligee Shirts, Blouses, Boys' Shirts, and Pyjamas.
Claims use since Jan. 5, 1927.

Ser. No. 243,654. (CLASS 39. CLOTHING.) JULIUS KAYSER & CO., New York, N. Y. Filed Feb. 1, 1927.

sLENDo

Particular description of goods.—Hosiery.
Claims use since Jan. 22, 1927.

Ser. No. 243,686. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBERT BRANDT, Trenton, N. J. Filed Feb. 2, 1927.

MIL-BEN

Particular description of goods.—Healing Ointment.
Claims use since Jan. 24, 1927.

Ser. No. 243,817. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) LUDW. LOEWE & CO., AKTIENGESELLSCHAFT, Berlin, Germany. Filed Feb. 4, 1927.



Particular description of goods.—Measuring Tools and Instruments, Standard Gauges, Limit Gauges, Thread Gauges, Thread Limit Gauges, Flat Limit Gauges, End Measuring Rods, Snap Gauges, Taper Gauges, Micrometers, Measuring Disks, Rules, Setting and Testing Appliances and Measuring Blocks, Test Indicators, Counters, and Parts Thereof.
Claims use since May 27, 1926.

Ser. No. 243,850. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) EBSCO PATENTS PROPRIETARY LIMITED, Melbourne, Victoria, Australia. Filed Feb. 5, 1927.

ADVERTISING BY THE MILE
Multi-ad
TRADE MARK

Disclaimer is made to the representation of the goods and also to the words "Advertising by the Mill" and the words "Trade Mark."

Particular description of goods.—Machines for Printing Advertising Matter and Parts Thereof.

Claims use since Nov. 1, 1926.

Ser. No. 243,872. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) METALS PROTECTION CORPORATION, Indianapolis, Ind. Filed Feb. 5, 1927.

CHROMILITE

Particular description of goods.—Anodes for Use in Chromium Plating.

Claims use since Jan. 2, 1925.

Ser. No. 243,877. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) PACIFIC ORIENT CO., San Francisco, Calif. Filed Feb. 5, 1927.

TIGER



Particular description of goods.—Baled Newspapers.

Claims use since Nov. 1, 1926.

Ser. No. 243,897. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE TRUNKEY-WOLFE CO., INC., Wenatchee, Wash. Filed Feb. 5, 1927.

WOLF

Particular description of goods.—Fresh Deciduous Fruits.

Claims use since Aug. 10, 1924.

Ser. No. 243,904. (CLASS 39. CLOTHING.) WHEATLEY & SCHWABE, New York, N. Y. Filed Feb. 5, 1927.

DURABLE DANIEL

The word "Durable" is disclaimed apart from the mark shown in the drawing. The lining shown on the drawing is for the purpose of indicating the color red, which colored lining is a feature of the mark.

Particular description of goods.—Work Shirts, Overalls, and Overall Suits.

Claims use since Mar. 16, 1926.

Ser. No. 243,933. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FORHAN COMPANY, New York, N. Y. Filed Feb. 7, 1927.

REFRESHANT

Particular description of goods.—Antiseptics.

Claims use since Jan. 15, 1927.

Ser. No. 243,979. (CLASS 39. CLOTHING.) STERLING STOCKING CO., Mount Sterling, Ohio. Filed Feb. 7, 1927.

STERLING STUMP SOCK

No claim is made to the wording apart from the mark shown.

Particular description of goods.—Stump Stockings and Stump Socks.

Claims use since on or about Jan. 1, 1925.

Ser. No. 243,986. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WHITE HALL BAKING COMPANY, Flint, Mich. Filed Feb. 7, 1927.

WHITE HALL

Particular description of goods.—Bread.

Claims use since about Dec. 30, 1926.

Ser. No. 244,003. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE EHLENBERGER & COMPANY, INC., New York, N. Y., and Miami, Fla. Filed Feb. 8, 1927.

Epicure

"Epicure."

Particular description of goods.—Cheese.

Claims use since Aug. 1, 1925.

Ser. No. 244,027. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROBINSON SHIELDS COMPANY, Mechanicville, N. Y. Filed Feb. 8, 1927.

BISMET
ANTISEPTIC
Healing and Soothing
Ointment

Applicant disclaims any right to the use of the words "Antiseptic, Healing, and Soothing Ointment" as they appear on said trade-mark.

Particular description of goods.—Antiseptic Healing and Soothing Ointment for the Treatment of Ulcers, Chronic Sores, and Skin Affections.

Claims use since Jan. 1, 1927.

Ser. No. 244,075. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RICHARD HUDNUT, New York, N. Y. Filed Feb. 9, 1927.

LA PYRAMIDE

Particular description of goods.—Perfume and Toilet Water, Talcum Powder, Face Powder, Tooth Powder, Bath Powder, Bath Salts, Tooth Paste, Sachet, Almond Meal, Cream Rouge, Vanishing Cream, Cold Cream, Skin and Tissue Cream, Headache Cologne, Smelling Salts, Lip Sticks, and Toilet Cerate.

Claims use since Jan. 15, 1927.

Ser. No. 244,107. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) REED & CARNRICK, Jersey City, N. J. Filed Feb. 9, 1927.

AMPACOID

Particular description of goods.—Medicinal Preparations for Parenteral Use to be Administered by Injection When Sold in Vials, Bottles, Ampuls, or the Like.

Claims use since Jan. 26, 1927.

Ser. No. 244,128. (CLASS 37. PAPER AND STATIONERY.) WILLIAM BEMISS, doing business as California Gummed Products Co., San Francisco, Calif. Filed Feb. 10, 1927.

PURPLE CORE

Particular description of goods.—Gummed Paper Tape, Adding-Machine Paper Rolls, and Cash-Register Paper Rolls.

Claims use since Oct. 30, 1926.

Ser. No. 244,211. (CLASS 39. CLOTHING.) BRADLEY KNITTING COMPANY, Delavan, Wis. Filed Feb. 11, 1927.

"SUPER-RIB"

The word "Rib" is disclaimed apart from the mark as shown.

Particular description of goods.—Bathing Suits.

Claims use since Jan. 19, 1927.

Ser. No. 244,241. (CLASS 38. PRINTS AND PUBLICATIONS.) REAL ADVENTURES PUB. CO., INC., New York, N. Y. Filed Feb. 11, 1927.

COWBOY-LIFE STORIES
Lariat
STORY MAGAZINE

The words "Cowboy-Life Stories" and the words "Story Magazine" are disclaimed apart from the mark shown. Trade-mark "Lariat Story Magazine."

Particular description of goods.—Monthly Magazine.

Claims use since July, 1925.

Ser. No. 244,258. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE WALTER F. WARE COMPANY, Camden, N. J., and Philadelphia, Pa. Filed Feb. 11, 1927.

Ware – Clutch

No claim is made to the exclusive use of the word "Ware" apart from the mark shown in the drawing.
Particular description of goods.—Medicine Droppers.
Claims use since early in 1923.

Ser. No. 244,296. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ECLIPSE WHITE LEAD & COLOR COMPANY, Brooklyn, N. Y. Filed Feb. 12, 1927.

UNIWITE

Particular description of goods.—Paste Paints, Ready-Mixed Paints, Ready-Mixed Flat White Paints, and Paint Enamels.
Claims use since August, 1926.

Ser. No. 244,316. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PALMDALE FRUIT & EGG FARM, Palmdale, Calif. Filed Feb. 12, 1927.

VIRGIN

Particular description of goods.—Eggs.
Claims use since July, 1926.

Ser. No. 244,342. (CLASS 38. PRINTS AND PUBLICATIONS.) THE AMERICAN JOURNAL OF CLINICAL MEDICINE, INC., North Chicago, Ill. Filed Feb. 14, 1927.

CLINICAL MEDICINE and SURGERY

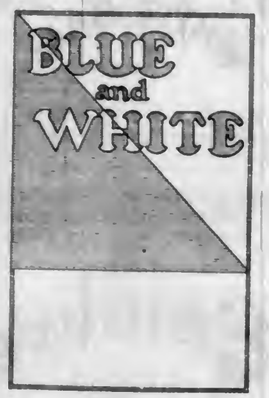
Particular description of goods.—Periodical.
Claims use since January, 1927.

Ser. No. 244,373. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) NORBERT STERN, doing business as United Furnace Company of America, Pittsburgh, Pa. Filed Feb. 14, 1927.

UNITED

Particular description of goods.—Coal-Burning Warm-Air Heating Furnaces.
Claims use since on or about May 1, 1923.

Ser. No. 244,394. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CROCKER-SPRAGUE COMPANY, Dunkirk, N. Y. Filed Feb. 15, 1927.



Part of drawing is lined to indicate blue.
Particular description of goods.—Coffee.
Claims use since Dec. 1, 1926.

Ser. No. 244,421. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HORACE M. BATEZEL, Chicago, Ill. Filed Feb. 16, 1927.

Gilt Edge

Particular description of goods.—Tomatoes in Their Natural State.
Claims use since Feb. 12, 1926.

Ser. No. 244,434. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) DYREX DISTRIBUTORS, San Francisco, Calif. Filed Feb. 16, 1927.

DYREX

Particular description of goods.—Floor Mops, Dusters, Wet Mops, Bowl Brushes, Vegetable Brushes, Scouring Brushes, Sink Brushes, Fender Brushes, Ice-Chest Brushes, Hearth Brushes, Utility Brushes, Stove Brushes, Bottle Brushes, Wall Brushes, Percolator Brushes, Floor Brushes, Floor Brooms, Window Brushes, Mop Handles, Piano Dusters, Dustpan Brushes, Handy Scrub Brushes, Pastry Brushes, Spoke Brushes, Counter Brushes, Whisk Brooms, Hairbrushes, Cloth Brushes, Nail Brushes, Manicure Brushes, Toothbrushes, Bath Brushes, Friction Bath Brushes, Dental Plate Brushes.
Claims use since Jan. 26, 1927.

Ser. No. 244,487. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ART CRAFT FIXTURE CO., Newark, N. J. Filed Feb. 17, 1927.

MAGI

Particular description of goods.—Portable Electric Table Lamps and Night Lamps.
Claims use since Feb. 1, 1927.

Ser. No. 244,498. (CLASS 2. RECEPTACLES.) DAVID GRIERSON, Buffalo, N. Y. Filed Feb. 17, 1927.

GRIP-RITE

Particular description of goods.—Clothespin Bags.
Claims use since Sept. 1, 1926.

Ser. No. 244,499. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) H. G. HILL STORES, INC., New Orleans, La. Filed Feb. 17, 1927.

VELVA

Particular description of goods.—A Blend of Pure Coffee and a Blend of Coffee and Chicory.
Claims use since November, 1925, on coffee and chicory; since April, 1926, on pure coffee.

Ser. No. 244,509. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE MONARCH DRUG CO., San Diego, Calif. Filed Feb. 17, 1927.



Applicant disclaims the word "Anti-Venom."
Particular description of goods.—Treatment for Venomous Snake Bites.
Claims use since 1906.

Ser. No. 244,520. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEONARD SUTERA, doing business as L. S. & Co., Brooklyn, N. Y. Filed Feb. 17, 1927.



No claim is made to the use of the words "Burn Medicine" apart from the mark shown in the drawing.
Particular description of goods.—Preparation for the Treatment of Burns.
Claims use since Sept. 5, 1924.

Ser. No. 244,533. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN SMELTING AND REFINING COMPANY, New York, N. Y. Filed Feb. 18, 1927.

ASARCO

Particular description of goods.—Salts, Acids, and Compounds Made from Nonferrous Metals—Namely, Oxides of Antimony, Arsenic, Cadmium, Copper, Nickel, Lead, and Zinc; Sulphates of Cadmium, Copper, Nickel, Thallium, and Zinc; Bromides, Carbonates, Chlorides, and Nitrates of Cadmium and Thallium; Chemically-Pure Cadmium Cyanide, Cadmium Hydrate, Cadmium Sulphide, Litharge, Nickel Ammonium Sulphate, Selenium Oxychloride, Sodium Selenite, Thallium Acetate, Zinc Chloride, Sulphuric Acid, and Sulphur Dioxide.
Claims use since July 1, 1924.

Ser. No. 244,534. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) AMERICAN SMELTING AND REFINING COMPANY, New York, N. Y. Filed Feb. 18, 1927.

ASARCO

Particular description of goods.—Lead Traps, Bends, Flanges, Lead-Lined Pipe and Fittings, Combination Lead and Iron Bends and Ferrules, and Combination Soldering Nipples.
Claims use since July 1, 1924.

Ser. No. 244,537. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BENJAMIN T. BOUMA, Lynnville, Iowa. Filed Feb. 18, 1927.

SUPTO

Particular description of goods.—Germicide and Insecticide for the Treatment of Skin Diseases, Eruptions, Cuts and Sores, Dandruff, Eczema, Scabies, Mange, and the Like in Man or Beast or Fowl, and for Killing Fleas, Lice, Mites, Flies, Roaches, Bedbugs, and Other Vermin.
Claims use since about Oct. 1, 1924.

Ser. No. 244,538. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BUSHMAN MILLING CO., Sawyer, Wis. Filed Feb. 18, 1927.

De Luxe
Wheat Cereal



No claim is made to the words "Wheat Cereal" apart from the mark shown in the drawing.
Particular description of goods.—Wheat Cereal.
Claims use since September, 1926.

Ser. No. 244,570. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PURITY CHEMICAL PRODUCTS COMPANY, Santa Rosa, Calif. Filed Feb. 18, 1927.



Particular description of goods.—Insecticides of All Kinds.
Claims use since on or about Dec. 15, 1925.

Ser. No. 244,584. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WASHBURN CROSBY COMPANY, Minneapolis, Minn. Filed Feb. 18, 1927.



The words "Cream of Rye" are disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Rye Flour.
Claims use since on or about Mar. 1, 1908.

Ser. No. 244,625. (CLASS 32. FURNITURE AND UPHOLSTERY.) NUBBE MIRROR PLATE COMPANY, Bloomington, Ind. Filed Feb. 19, 1927.

MAESTRO

The lining shown in the drawing is for shading only and has no reference to color representation.
Particular description of goods.—Mirrors.
Claims use since Jan. 14, 1927.

Ser. No. 244,627. (CLASS 37. PAPER AND STATIONERY.) PARAMOUNT PAPER AND SPECIALTY COMPANY, INC., New York, N. Y. Filed Feb. 19, 1927.

MOUNTAIN BROOK

Particular description of goods.—Bond Paper.
Claims use since on or about Jan. 1, 1927.

Ser. No. 244,637. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) UNEEDA DRUG CO. INC., New York, N. Y. Filed Feb. 19, 1927.



"Pro-sep-tol."
Particular description of goods.—Antiseptic, Astringent, Deodorant, and Prophylactic for Vaginal and General Use.
Claims use since Feb. 10, 1926.

Ser. No. 244,647. (CLASS 32. FURNITURE AND UPHOLSTERY.) LINWOOD M. ANDREWS, Chicago, Ill. Filed Feb. 21, 1927.

Photo-Glow

Particular description of goods.—Mirrors.
Claims use since Feb. 1, 1927.

Ser. No. 244,662. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CATERPILLAR TRACTOR CO., San Leandro, Calif. Filed Feb. 21, 1927

HOUSENKA

The trade-mark is the Czechoslovakian translation of the word "Caterpillar."
Particular description of goods.—Tractors.
Claims use since Jan. 20, 1927.

Ser. No. 244,663. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CATERPILLAR TRACTOR CO., San Leandro, Calif. Filed Feb. 21, 1927.

КАТЕРПИЛЛЯР

The trade-mark is the Russian inscription of the word "Caterpillar." Applicant is the owner of registration Nos. 85,816, 120,744 and 137,035.
Particular description of goods.—Tractors.
Claims use since Jan. 20, 1927.

Ser. No. 244,664. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CATERPILLAR TRACTOR CO., San Leandro, Calif. Filed Feb. 21, 1927.

ГУСЕНИЦА

The trade-mark is the translation of the English word "Caterpillar" into Russian.
Particular description of goods.—Tractors.
Claims use since Jan. 20, 1927.

Ser. No. 244,665. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CATERPILLAR TRACTOR CO., San Leandro, Calif. Filed Feb. 21, 1927.

RAUPE

The trade-mark is the German interpretation of the word "Caterpillar."
Particular description of goods.—Tractors.
Claims use since Jan. 20, 1927.

Ser. No. 244,701. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEHN & FINK, INC., New York, N. Y. Filed Feb. 21, 1927.

PEBECO

Particular description of goods.—Tooth Paste.
Claims use since about December, 1903.

Ser. No. 244,717. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAXTON & GALLAGHER CO., Omaha, Nebr. Filed Feb. 21, 1927.



JELL

The word "Jell" does not form a part of the registration sought apart from the mark shown in the drawing.
Particular description of goods.—Gelatin Dessert Preparation.
Claims use since Dec. 27, 1926.

Ser. No. 244,769. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GUARANTEED PARTS CO., INC., New York, N. Y. Filed Feb. 23, 1927.



Particular description of goods.—Magneto Replacement Parts—Namely, Distributor Plates, Distributor Gears, Brush Holders, Distributor Brushes and Springs, Connecting Bars, Dust Covers, Electrodes, Armature Gears and Windings, Slip Rings, Housing Covers, Bushings, Contacts and Contact Holders, Interrupters, Oil Covers, Springs, Cables and Cable Connecters, Condensers, and Shaft-End Plates.
Claims use since 1909.

Ser. No. 244,791. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SIERRA MADRE FRUIT CO., Los Angeles and Casa Bianca, Calif. Filed Feb. 23, 1927.

TRY-ME

Particular description of goods.—Fresh Citrous Fruits, Fresh Deciduous Fruits, Fresh Vegetables, Fresh Melons, and Fresh Grapes.
Claims use since Feb. 5, 1927.

Ser. No. 244,828. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) KOPS BROS. INC., New York, N. Y. Filed Feb. 24, 1927.

LOCK-KNOT

Particular description of goods.—Wide Elastic Webbing for Use in Garments.
Claims use since Jan. 2, 1927.

Ser. No. 244,840. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WASHBURN CROSBY COMPANY, Minneapolis, Minn., and New York, N. Y. Filed Feb. 24, 1927.



The mark consists of two circumferentially-disposed bands of orange color applied to a flour barrel at or near the ends, and four circumferentially-disposed bands of blue color applied to said barrel at suitable intervals between the said bands of orange color, and two parallel strips of blue color applied to each head of the barrel.
Particular description of goods.—Wheat Flour.
Claims use since Aug. 12, 1926.

Ser. No. 244,842. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) FREDERICK E. WILSON, doing business as Super-Septic Tank & Engineering Company, Buffalo, N. Y. Filed Feb. 24, 1927.

Super-Septic

No claim is made for the word "Septic" apart from the mark as shown.
Particular description of goods.—Septic Tanks.
Claims use since Apr. 1, 1924.

Ser. No. 244,860. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) MARCEL FRANCK, INC., New York, N. Y. Filed Feb. 25, 1927.

MARFRANC

Particular description of goods.—Atomizers for Perfume and the Like.
Claims use since February, 1926.

Ser. No. 244,865. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LEONARD A. HARRIS, doing business as Rotax Manufacturing Co., Newark, N. J. Filed Feb. 25, 1927.

ROTAX

Particular description of goods.—Portable Droplights, Lighting and Ignition Cables, Copper Terminals and Lugs, Electric-Light Bulbs, and Separable Plugs.
Claims use since Aug. 1, 1911, on lighting and ignition cables, copper terminals and lugs; on portable droplights since June 15, 1924; on electric-light bulbs since Aug. 20, 1926; and on separable plugs since June 15, 1924.

Ser. No. 244,881. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) ORDON STOVE CO., Belleville, Ill. Filed Feb. 25, 1927.

TILEONA

Particular description of goods.—Heaters for Burning Coal, Wood, and Gas as Fuels.
Claims use since Dec. 1, 1926.

Ser. No. 244,882. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) PARKER BROTHERS, Portland, Me., and Salem, Mass. Filed Feb. 25, 1927.

KWIZ

Particular description of goods.—Special Type of a Game of Questions and Answers Played with Cards and Containing Directions for Play.
Claims use since Feb. 21, 1927.

Ser. No. 244,895. (CLASS 20. BROOMS, BRUSHES, AND DUSTERS.) TRICO PRODUCTS CORPORATION, Buffalo, N. Y. Filed Feb. 25, 1927.

VISIONALL

Particular description of goods.—Windshield Cleaners of the Squeegee Type.
Claims use since about Feb. 11, 1927.

Ser. No. 244,900. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) WESCOTT RULE COMPANY, INCORPORATED, Seneca Falls, N. Y. Filed Feb. 25, 1927.

Strateline
DE LUXE

No claim is made to the exclusive right to the word "Strateline" apart from the mark shown in the drawing.
Particular description of goods.—Desk Rulers.
Claims use since Jan. 1, 1927.

Ser. No. 244,933. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MORRIS HELLER, doing business as Il Prodotto Canning Co., Brooklyn, N. Y. Filed Feb. 26, 1927.

IL PRODOTTO

Particular description of goods.—Salad Oil.
Claims use since Jan. 1, 1927.

Ser. No. 244,934. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HENRITE PRODUCTS CO., INC., Jersey City, N. J. Filed Feb. 26, 1927.

HENRITE

Particular description of goods.—Commutator Brushes for Electric Motors and Generators.
Claims use since July 11, 1923.

Ser. No. 244,996. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) DELCO-REMY CORPORATION, Dayton, Ohio. Filed Feb. 28, 1927.

HORNET

"Hornet."
Particular description of goods.—Electrically-Operated Sound Signals for Automobiles and Other Self-Propelled Vehicles.
Claims use since Nov. 11, 1926.

Ser. No. 245,018. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM C. MEYER, doing business as Wm. C. Meyer Drug Specialty Co., St. Louis, Mo. Filed Feb. 28, 1927.

BLACK
HAND LOTION



The word "Lotion" is disclaimed apart from the mark as shown on the drawing.
Particular description of goods.—Lotion for Cracked, Chapped, and Bleeding Hands.
Claims use since Feb. 9, 1927.

Ser. No. 245,025. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Feb. 28, 1927.

ROSEBUD



Particular description of goods.—Free-Running Salt and Also Iodized Salt.
Claims use since Feb. 7, 1927.

Ser. No. 245,033. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STOVER, INC., Detroit, Mich. Filed Feb. 28, 1927.

Snow-Kist

Particular description of goods.—Skin Creams, Skin Lotions, Dental Creams, and Face Powders.
Claims use since about Feb. 16, 1927.

Ser. No. 245,034. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BENJAMIN R. THEISE, New York, N. Y. Filed Feb. 28, 1927.

PEROQUET

Particular description of goods.—Silk Goods in the Piece.
Claims use since Nov. 11, 1926.

Ser. No. 245,055. (CLASS 39. CLOTHING.) JORDAN MARSH COMPANY, Boston, Mass. Filed Mar. 1, 1927.

J.M.C.

Particular description of goods.—Men's, Women's, and Children's Hosiery.
Claims use since May 1, 1926.

Ser. No. 245,061. (CLASS 38. PRINTS AND PUBLICATIONS.) MACFADDEN PUBLICATIONS INCORPORATED, New York, N. Y. Filed Mar. 1, 1927.

OUR EAST SIDE GANG—

Particular description of goods.—Series of Cartoons or Comic Strips in Daily Newspaper.
Claims use since Mar. 5, 1926.

Ser. No. 245,062. (CLASS 38. PRINTS AND PUBLICATIONS.) MACFADDEN PUBLICATIONS INCORPORATED, New York, N. Y. Filed Mar. 1, 1927.

MAY AND JUNE—

Particular description of goods.—Series of Cartoons or Comic Strips in Daily Newspaper.
Claims use since Nov. 16, 1925.

Ser. No. 245,063. (CLASS 38. PRINTS AND PUBLICATIONS.) MACFADDEN PUBLICATIONS INCORPORATED, New York, N. Y. Filed Mar. 1, 1927.

DADDY DUSK, THE SANDMAN—

Particular description of goods.—Series of Cartoons or Comic Strips in Daily Newspaper.
Claims use since Nov. 15, 1926.

Ser. No. 245,064. (CLASS 38. PRINTS AND PUBLICATIONS.) MACFADDEN PUBLICATIONS INCORPORATED, New York, N. Y. Filed Mar. 1, 1927.

SLIM CHANCE AND HIS BROTHER "NOTA"—

Particular description of goods.—Series of Cartoons or Comic Strips in Daily Newspaper.
Claims use since Dec. 10, 1926.

Ser. No. 245,067. (CLASS 31. FILTERS AND REFRIGERATORS.) R. H. MACY & CO., INC., New York, N. Y. Filed Mar. 1, 1927.

SUPRE-MACY

Particular description of goods.—Electrical Refrigerators.
Claims use since Jan. 10, 1927.

Ser. No. 245,068. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MARKEL ELECTRIC PRODUCTS, INC., Buffalo, N. Y. Filed Mar. 1, 1927.

GRIP IT

Particular description of goods.—Shade Holders for Electric Lamps.
Claims use since Feb. 10, 1927.

Ser. No. 245,103. (CLASS 37. PAPER AND STATIONERY.) THE OAK PRESS, New York, N. Y. Filed Mar. 2, 1927.

"ADVELOPE"

Particular description of goods.—Mailing Wrappers.
Claims use since about Feb. 23, 1927.

Ser. No. 245,104. (CLASS 38. PRINTS AND PUBLICATIONS.) PERSONAL ARTS COMPANY, Scranton, Pa. Filed Mar. 2, 1927.

Brief Stories

Particular description of goods.—Monthly Magazines.
Claims use since June 20, 1921.

Ser. No. 245,111. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BENJAMIN D. SMITH, doing business as Smith Manufacturing Co., Utica, N. Y. Filed Mar. 2, 1927.

CO-BOS

Particular description of goods.—Insecticides, Both Liquid and Powder Form.
Claims use since Aug. 1, 1925.

Ser. No. 245,118. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARNOLD LOUIS VAN AMERINGEN, New York, N. Y. Filed Mar. 2, 1927.

ALVA JASMIN

No claim is made to the word "Jasmin" apart from the mark as shown.
Particular description of goods.—Perfumes, Essences of Perfumes, Essences for Perfumery Materials, Aromatic Materials, Synthetic Perfume Materials, and Ethereal Oils.
Claims use since July 7, 1925.

Ser. No. 245,119. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBERT VERLEY, INC., Chicago, Ill. Filed Mar. 2, 1927.

Jasmimque

Particular description of goods.—Aromatic Alcohols, Aromatic Aldehydes, Aromatic Esters, Aromatic Ketones, and Aromatic Ethers, All Suitable for Perfumery Purposes Because of Their Odors.
Claims use since January, 1924.

Ser. No. 245,128. (CLASS 37. PAPER AND STATIONERY.) WHITING-PLOVER PAPER COMPANY, Stevens Point, Wis. Filed Mar. 2, 1927.

REDEMPTION

"Redemption."
Particular description of goods.—Writing and Printing Paper.
Claims use since Dec. 17, 1926.

Ser. No. 245,137. (CLASS 38. PRINTS AND PUBLICATIONS.) MARLDEAN A. BORRESEN, Chicago, Ill. Filed Mar. 3, 1927.



Particular description of goods.—Monthly Publications Devoted to Office Equipment Industry.
Claims use since Jan. 14, 1927.

Ser. No. 245,143. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ESKIMO PIE CORPORATION, Louisville, Ky. Filed Mar. 3, 1927.

KING SOLOMON

Particular description of goods.—Ice Cream.
Claims use since Jan. 1, 1927.

Ser. No. 245,146. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HYDROSOLE PRESS CORPORATION, Buffalo, N. Y. Filed Mar. 3, 1927.

HYDROSOLE

Particular description of goods.—Presses for Cementing Soles to Shoes.
Claims use since Jan. 20, 1927.

Ser. No. 245,147. (CLASS 39. CLOTHING.) PAUL O. KUEHN, South Bend, Ind. Filed Mar. 3, 1927.

Tri-pod Hosiery

No claim is made to the word "Hosiery" apart from the mark shown.
Particular description of goods.—Hosiery.
Claims use since Dec. 10, 1926.

Ser. No. 245,148. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LABORATORIES JAQ INCORPORATED, New York, N. Y. Filed Mar. 3, 1927.

jaq

Particular description of goods.—Medicinal Tablets for Use of Women in Relieving Menstrual Pain.
Claims use since Mar. 2, 1927.

Ser. No. 245,183. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ARMAND COMPANY, Des Moines, Iowa. Filed Mar. 4, 1927.



No claim is made to the lining indicating the color red.
Particular description of goods.—Face Powder and Cream.
Claims use since Feb. 14, 1927.

Ser. No. 245,190. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE COXIE COMPANY, Muncie, Ind. Filed Mar. 4, 1927.

Coxies SORLTOP Always Good

The descriptive term "Always Good" is disclaimed apart from the other features of the mark.
Particular description of goods.—Chocolate-Covered Candy Bars.
Claims use since Feb. 16, 1923.

Ser. No. 245,239. (CLASS 38. PRINTS AND PUBLICATIONS.) ABBOTT LABORATORIES, North Chicago, Ill. Filed Mar. 5, 1927.

JOURNAL OF

CHEMOTHERAPY

Particular description of goods.—Quarterly Periodical.
Claims use since January, 1927.

Ser. No. 245,257. (CLASS 38. PRINTS AND PUBLICATIONS.) ROBERT C. COOK, doing business as The Current Science Review, McComb, Miss. Filed Mar. 5, 1927.

The Current Science Review

Particular description of goods.—Weekly Magazine.
Claims use since September, 1926.

Ser. No. 245,267. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD GORODESS, doing business as The Gray Chemical Company, New York, N. Y. Filed Mar. 5, 1927.

Rayodent

Particular description of goods.—Tooth Paste.
Claims use since Jan. 2, 1927.

Ser. No. 245,275. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. D. KENNY CO., INC., Baltimore, Md. Filed Mar. 5, 1927.

KENCO

Particular description of goods.—Coffee.
Claims use since August, 1925.

Ser. No. 245,281. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE MILKS EMULSION CO., Terre Haute, Ind. Filed Mar. 5, 1927.

MILKS EMULSION



No claim is made to the word "Emulsion" apart from the mark as shown. Trade-mark consists of the words "Milks Emulsion" and portrait of James E. Milks.
Particular description of goods.—Laxative Emulsion.
Claims use since May, 1901.

Ser. No. 245,283. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) Y-O-MINO COMPANY, Pine Bluffs, Wyo. Filed Mar. 5, 1927.

Y-O MING

The drawing is lined for the color red.
Particular description of goods.—Pile Capsules.
Claims use since Jan. 1, 1927.

Ser. No. 245,287. (CLASS 38. PRINTS AND PUBLICATIONS.) MAURICE A. PLATT, New York, N. Y. Filed Mar. 5, 1927.

POST-off-US

Particular description of goods.—Monthly Bulletin.
Claims use since Feb. 1, 1927.

Ser. No. 245,297. (CLASS 48. MALT BEVERAGES, EXTRACTS AND LIQUORS.) DAVID L. ROSENFELD, doing business as Red Label Products Company, Philadelphia, Pa. Filed Mar. 5, 1927.

ARBEST

Particular description of goods.—Barley-Malt Sirup.
Claims use since Dec. 1, 1925.

Ser. No. 245,303. (CLASS 39. CLOTHING.) CHAS. A. STEVENS & BROS., Chicago, Ill. Filed Mar. 5, 1927.

TRIHOS

Particular description of goods.—Hosiery.
Claims use since Feb. 23, 1927.

Ser. No. 245,305. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN SYNNOTT, Fort Scott, Kans. Filed Mar. 5, 1927.

Synnott's

The name illustrated in the accompanying drawing is a facsimile of the applicant's signature.
Particular description of goods.—Medicine for Piles.
Claims use since Jan. 1, 1923.

Ser. No. 245,321. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) P. BALLANTINE AND SONS, Newark, N. J. Filed Mar. 7, 1927.



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Jan. 1, 1907.

Ser. No. 245,335. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BEN CASSALIA, doing business as The Aphrodite Mfg. Co., Syracuse, N. Y. Filed Mar. 7, 1927.

THREE ARROW HAIR TONIC

No registration rights are claimed in the words "Hair Tonic" except in association with the other features of the mark.

Particular description of goods.—Hair Tonic.
Claims use since Jan. 3, 1927.

Ser. No. 245,340. (CLASS 38. PRINTS AND PUBLICATIONS.) DELL PUBLISHING COMPANY, New York, N. Y. Filed Mar. 7, 1927.

CRIME MYSTERIES

Particular description of goods.—Magazine Published Monthly.
Claims use since Feb. 9, 1927.

Ser. No. 245,354. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LA MANNA, AZEMA & FARNAN, New York, N. Y. Filed Mar. 7, 1927.

BIZET

The mark consists in the word "Bizet."
Particular description of goods.—Bottled Olives, Preserved Fruits, and Bottled Capers.
Claims use since 1893.

Ser. No. 245,363. (CLASS 38. PRINTS AND PUBLICATIONS.) MOTOR REGISTRATION NEWS OF CALIFORNIA, Oakland, Calif. Filed Mar. 7, 1927.

REGISTAT
REGISTRATIONS - STATISTICS

The words "Registrations" and "Statistics" are disclaimed apart from the mark shown.
Particular description of goods.—Statistical Lists.
Claims use since Feb. 11, 1926.

Ser. No. 245,381. (CLASS 38. PRINTS AND PUBLICATIONS.) THE TIMES-PICAYUNE PUBLISHING CO., New Orleans, La. Filed Mar. 7, 1927.

Dixiegraphs

Particular description of goods.—News Pictures.
Claims use since Mar. 2, 1927.

Ser. No. 245,407. (CLASS 39. CLOTHING.) G. M. POIX, INC., Brooklyn, N. Y. Filed Mar. 8, 1927.

A. P.

Applicant owns registration Nos. 65,835 and 150,931. The mark consists of the initials "A. P."
Particular description of goods.—Brassières.
Claims use since September, 1905.

Ser. No. 245,408. (CLASS 38. PRINTS AND PUBLICATIONS.) PRESS PUBLISHING COMPANY, New York, N. Y. Filed Mar. 8, 1927.

PARDON MY GLOVE

Particular description of goods.—Title of a Daily Article of Boxing News and Comment in The World Newspaper.

Ser. No. 245,443. (CLASS 39. CLOTHING.) S. J. LEVY & CO. INC., New York, N. Y. Filed Mar. 9, 1927.

Popularity

Particular description of goods.—Clothing Consisting of Men's and Young Men's Suits and Overcoats.
Claims use since Nov. 10, 1924.

Ser. No. 245,460. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE VALHALLA COMPANY, Chicago, Ill. Filed Mar. 9, 1927.

MOLD-CIDE

Particular description of goods.—Solution of Sodium Hypochloride.
Claims use since Jan. 10, 1927.

Ser. No. 245,479. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE DRAPER-MAYNARD COMPANY, Plymouth, N. H. Filed Mar. 10, 1927.

SKULL

Particular description of goods.—Golf Balls.
Claims use since Jan. 1, 1927.

Ser. No. 245,494. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HATTIE JACKSON, Cleveland, Ohio. Filed Mar. 10, 1927.

MADAME TREAT-ALL

Particular description of goods.—Hair Tonic, Hair Straightener, Hair Shampoo, Toilet Powder, and Facial Creams.
Claims use since Aug. 1, 1926.

Ser. No. 245,495. (CLASS 39. CLOTHING.) SOL. W. KATZ & COMPANY, Philadelphia, Pa. Filed Mar. 10, 1927.

BONEDRY

Particular description of goods.—Raincoats.
Claims use since Feb. 8, 1927.

Ser. No. 245,499. (CLASS 38. PRINTS AND PUBLICATIONS.) LEO KOLOS, Cleveland, Ohio. Filed Mar. 10, 1927.

MAGYAROK VASÁRNAPJA

Particular description of goods.—Weekly Publication.
Claims use since 1900.

Ser. No. 245,525. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) AMERICAN CASTING COMPANY, Birmingham, Ala. Filed Mar. 11, 1927.

AMERICAST

Particular description of goods.—Metal Lock-Joint Culvert Pipes and Hub and Spigot Sewer Pipes.
Claims use since November, 1926.

Ser. No. 245,529. (CLASS 38. PRINTS AND PUBLICATIONS.) ATLAS PUBLISHING CO., INC., New York, N. Y. Filed Mar. 11, 1927.

Real Estate Daily News
THE METROPOLITAN BUILDER

"Real Estate Daily News The Metropolitan Builder."
Particular description of goods.—Daily Publication.
Claims use since Nov. 15, 1926.

Ser. No. 245,531. (CLASS 38. PRINTS AND PUBLICATIONS.) BULLETIN COMPANY, Philadelphia, Pa. Filed Mar. 11, 1927.

The Evening Bulletin.

"The Evening Bulletin."
Particular description of goods.—Newspaper.
Claims use since Apr. 20, 1870.

Ser. No. 245,569. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LOUDONVILLE MILLING COMPANY, Loudonville, Ohio. Filed Mar. 11, 1927.

LITTLE MILLIONAIRE



Particular description of goods.—Wheat Flour.
Claims use since Aug. 15, 1926.

Ser. No. 245,586. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RICHARD SLATER, doing business as Gas-Trove Medicine Co., Chattanooga, Tenn. Filed Mar. 11, 1927.

GAS-TROVE

Particular description of goods.—Tonic for Indigestion, Pains in the Back and Abdomen, Girdle Pains, Constipation, Sleeplessness, Rheumatism, Gout, and Female Disorders.
Claims use since Feb. 25, 1927.

Ser. No. 245,598. (CLASS 32. FURNITURE AND UPHOLSTERY.) TUTTLE & BAILEY MANUFACTURING COMPANY, New York and Brooklyn, N. Y. Filed Mar. 11, 1927.

GRAMERCY

Particular description of goods.—Radiator Inclosures and Cabinets Serving as Artistic and Ornamental Additions to Furniture.
Claims use since June 17, 1926.

Ser. No. 245,600. (CLASS 32. FURNITURE AND UPHOLSTERY.) TUTTLE & BAILEY MANUFACTURING COMPANY, New York and Brooklyn, N. Y. Filed Mar. 11, 1927.

VILLA

Particular description of goods.—Radiator Inclosures and Cabinets Serving as Artistic and Ornamental Additions to Furniture.
Claims use since June 17, 1926.

Ser. No. 245,612. (CLASS 38. PRINTS AND PUBLICATIONS.) BEAR FILM CO., San Francisco, Calif. Filed Mar. 12, 1927.



Bear Photo

The word "Photo" does not form a part of the registration sought apart from the mark shown in the drawing.
Particular description of goods.—Photographs.
Claims use since Jan. 1, 1927.

Ser. No. 245,631. (CLASS 43. THREAD AND YARN.) THE GARDINER HALL JR. COMPANY, South Willington, Conn., and New York, N. Y. Filed Mar. 12, 1927.

RELIEF

Particular description of goods.—Thread.
Claims use since about 1905.

Ser. No. 245,642. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE HOFFMANN-LA ROCHE CHEMICAL WORKS, New York, N. Y. Filed Mar. 12, 1927.

ALURATE

Particular description of goods.—Medicinal Preparation Recommended for Use as a Sedative and Hypnotic.
Claims use since Feb. 23, 1927.

Ser. No. 245,648. (CLASS 38. PRINTS AND PUBLICATIONS.) LESTER, LTD., Chicago, Ill. Filed Mar. 12, 1927.

THE COSTUMER

Particular description of goods.—Publication Issued Monthly.
Claims use since Sept. 1, 1926.

Ser. No. 245,652. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE N. PALMER BELTING CO., Bridgeport, Conn. Filed Mar. 12, 1927.



Particular description of goods.—Leather Belting.
Claims use since 1880.

Ser. No. 245,653. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) D. P. PAUL & CO. INC., New York, N. Y. Filed Mar. 12, 1927.

Nuit de Marriage

Particular description of goods.—Perfumes.
Claims use since October, 1926.

Ser. No. 245,659. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE ROTO COMPANY, Newark, N. J. Filed Mar. 12, 1927.

ROTO

Particular description of goods.—Tube Cleaners, Boiler Hand-Hole Seat Scrapers, Boiler Hand-Hole Cap Cleaners, and Parts Thereof.
Claims use since May 2, 1910.

Ser. No. 245,666. (CLASS 5. ADHESIVES.) STEIN, HALL MANUFACTURING COMPANY, Chicago, Ill. Filed Mar. 12, 1927.

STYXALL

Particular description of goods.—Dry Flaky Paste Used for General Paste Purposes.
Claims use since December, 1918.

Ser. No. 245,688. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE BASSICK MANUFACTURING COMPANY, Chicago, Ill. Filed Mar. 14, 1927.

ALEMITE

Particular description of goods.—Covers for Tops of Automotive Vehicles.
Claims use since Feb. 19, 1927.

Ser. No. 245,704. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE FRITCHIE HOME COMPANY, Frederick, Md. Filed Mar. 14, 1927.

Barbara Fritchie

Particular description of goods.—Cakes.
Claims use since Mar. 8, 1927.

Ser. No. 245,706. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE GEOMETRIC TOOL COMPANY, New Haven, Conn. Filed Mar. 14, 1927.

MILAP

Particular description of goods.—Threading Dies.
Claims use since Mar. 7, 1927.

Ser. No. 245,714. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HEALY-RUFF COMPANY, St. Paul, Minn. Filed Mar. 14, 1927.

E-Z

Particular description of goods.—Radiator Hangers and Parts Thereof.
Claims use since about June 1, 1918.

Ser. No. 245,722. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) KEHAWKE MANUFACTURING CO., Minneapolis, Minn. Filed Mar. 14, 1927.

Flexrite

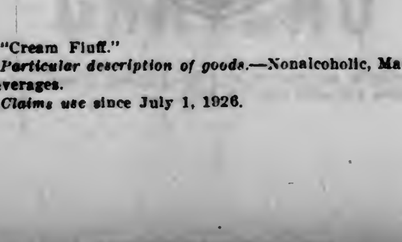
Particular description of goods.—Tire Patches.
Claims use since Dec. 7, 1926.

Ser. No. 245,723. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) KELLEY-CONNELL CO., Berkeley, Calif. Filed Mar. 14, 1927.

CLEARFLOW

Particular description of goods.—Metal Valves.
Claims use since Apr. 1, 1925.

Ser. No. 245,729. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PHILIP M. KRANTZ, Brooklyn, N. Y. Filed Mar. 14, 1927.



The lines shown on the drawing are for shading purposes only. No claim is made to the words "Trade Mark."
Particular description of goods.—Toothbrushes and Typewriter Brushes.
Claims use since Mar. 1, 1927, on typewriter brushes, and since Jan. 15, 1925, on toothbrushes.

Ser. No. 245,755. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE SEARS & DERR COMPANY, Chillicothe, Ohio. Filed Mar. 14, 1927.

CREAM FLUFF

"Cream Fluff."
Particular description of goods.—Nonalcoholic, Maltless, Beverages.
Claims use since July 1, 1926.

Ser. No. 245,758. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SOCIÉTÉ ANONYME RODIER, Paris, France. Filed Mar. 14, 1927.



The words "Sont des Kashas Ultra Légers" being disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Piece Goods of Wool, Cotton, and Silk, and Mixtures of the Same.
Claims use since Jan. 18, 1927.

Ser. No. 245,765. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) UTILITY MANUFACTURING COMPANY INC., Baltimore, Md. Filed Mar. 14, 1927.

BLUE RIBBON

Particular description of goods.—Kitchen Wire Goods—Namely, Dish Drainers, Coffee and Tea Strainers, Soup Strainers, and Jelly Strainers.
Claims use since Mar. 1, 1927.

Ser. No. 245,767. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WASHBURN CROSBY COMPANY, Minneapolis, Minn. Filed Mar. 14, 1927.



Particular description of goods.—Wheat Flour.
Claims use since May 29, 1926.

Ser. No. 245,781. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLGATE & COMPANY, Jersey City, N. J. Filed Mar. 15, 1927.

DOÑA FLOR

Particular description of goods.—Perfumes.
Claims use since Sept. 10, 1926.

Ser. No. 245,796. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARI' TRUDEAU CO., St. Paul, Minn. Filed Mar. 15, 1927.

Aero Queen

Particular description of goods.—Perfumes and Toilet Waters, Face Powders, Cold Creams, Vanishing Creams, Massage Creams, Cleansing Creams, and Face and Hand Lotions.
Claims use since May 15, 1926.

Ser. No. 245,812. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHERN CREAM AND MILK COMPANY, INC., Atlanta, Ga. Filed Mar. 15, 1927.

PEDIGREE

Particular description of goods.—Butter.
Claims use since on or about Jan. 1, 1927.

Ser. No. 245,814. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SULLIVAN SMYTHFIELD COMPANY, Philadelphia, Pa. Filed Mar. 15, 1927.



Particular description of goods.—Handkerchiefs.
Claims use since March, 1924.

Ser. No. 245,815. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SULLIVAN SMYTHFIELD COMPANY, Philadelphia, Pa. Filed Mar. 15, 1927.



Particular description of goods.—Handkerchiefs.
Claims use since March, 1924.

Ser. No. 245,817. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE UNITED STATES GRAPHITE COMPANY, Saginaw, Mich. Filed Mar. 15, 1927.

GRAMIX

Particular description of goods.—Self-Lubricating Metal-Graphite Bearings.
Claims use since Mar. 7, 1927.

Ser. No. 245,843. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INDEPENDENT BAKING CO., Davenport, Iowa. Filed Mar. 16, 1927.

LOUISE

Particular description of goods.—Cooky Cakes.
Claims use since Dec. 1, 1925.

Ser. No. 245,877. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WESTERN ELEVATOR & MFG. CO., San Jose, Calif. Filed Mar. 16, 1927.

HERCULES

Particular description of goods.—Hydraulic Hoists.
Claims use since Oct. 29, 1926.

Ser. No. 245,891. (CLASS 45. BEVERAGES, NONALCOHOLIC.) CAPTAIN KIDD PRODUCTS, INC., Brooklyn, N. Y. Filed Mar. 17, 1927.

CAPTAIN KIDD

Particular description of goods.—Maltless Beverage Sold as a Soft Drink and Containing Less Than One-Half of One Per Cent of Alcohol and Sirups and Extracts for Making the Same.
Claims use since Mar. 1, 1927.

Ser. No. 245,919. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) JOHANNES TH. PEDERSEN, New York, N. Y. Filed Mar. 17, 1927.

Fork-RITE

Particular description of goods.—Fork-Tine Straighteners.
Claims use since Nov. 1, 1926.

Ser. No. 245,926. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAN-I-SAL LABORATORIES, INC., Washington, D. C. Filed Mar. 17, 1927.

Pine-O-Tol

Particular description of goods.—Nasal Emollient.
Claims use since February, 1924.

Ser. No. 245,928. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SCOTT DRUG COMPANY, Charlotte, N. C. Filed Mar. 17, 1927.



The trade-mark consists of the word "Fli-Ded."
Particular description of goods.—Insecticide.
Claims use since Mar. 11, 1927.

Ser. No. 245,967. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Mar. 18, 1927.

CHATEAU

Particular description of goods.—Axminster Rugs.
Claims use since Nov. 1, 1923.

Ser. No. 245,987. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) IDEAL NOVELTY & TOY CO., Brooklyn, N. Y. Filed Mar. 18, 1927.

Twinkle--TOES

Particular description of goods.—Dolls.
Claims use since Mar. 1, 1927.

Ser. No. 246,018. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. M. E. CORPORATION, doing business as Kemiko Mfg. Co., Newark, N. J. Filed Mar. 19, 1927.

KLEEN KLOG

Particular description of goods.—Chemical Compound for Cleaning Toilet Bowls, Sinks, Bathtubs, and Drainpipes.
Claims use since Dec. 3, 1926.

Ser. No. 246,055. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EMIL D. SCHNEIDER, doing business as Gintone Laboratories, Memphis, Tenn. Filed Mar. 19, 1927.

WAV-O-BOB

Particular description of goods.—Brilliantine.
Claims use since Mar. 3, 1927.

Ser. No. 246,092. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE GRASSELLI CHEMICAL COMPANY, Cleveland, Ohio. Filed Mar. 21, 1927.

MANGANAR

Particular description of goods.—Insecticides.
Claims use since about Mar. 15, 1927.

Ser. No. 246,108. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MONMOUTH RUG MILLS, INC., Englishtown, N. J. Filed Mar. 21, 1927.

OVALADO

Particular description of goods.—Oval Axminster Rugs.
Claims use since Apr. 15, 1926.

Ser. No. 246,136. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Mar. 21, 1927.

Bromionyl

Particular description of goods.—Effervescent Salt for the Treatment of Nervous Disorders.
Claims use since June 26, 1926.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

APRIL 26, 1927.

226,926. SOAP PAPER. JOSEF SCHNABL, doing business as Jac. Schnabl & Co., Vienna, Austria.
Filed July 15, 1926. Serial No. 234,596. PUBLISHED FEBRUARY 15, 1927.

226,927. RAG FELT STRIP SHINGLES. THE FLINTKOTE COMPANY, Boston, Mass.
Filed November 17, 1926. Serial No. 240,181. PUBLISHED FEBRUARY 15, 1927.

226,928. SPECIALLY-PREPARED KINDLING FOR USE IN STARTING FIRES. THE KINDLER MANUFACTURING COMPANY, McRae, Ga.
Filed November 17, 1926. Serial No. 240,190. PUBLISHED FEBRUARY 1, 1927.

226,929. PARTY FAVOR NOVELTIES—NAMELY, FOR BONBONS WITHOUT CANDY. ARTHUR G. PALMER, doing business as A. G. Palmer Supply Company, Dover Plains, N. Y.
Filed December 16, 1926. Serial No. 241,580. PUBLISHED FEBRUARY 15, 1927.

226,930. GAS, OIL, AND COAL STOVES. NATIONAL CARALEY COMPANY, INC., New York, N. Y.
Filed December 16, 1926. Serial No. 241,579. PUBLISHED FEBRUARY 15, 1927.

226,931. SURGICAL DRESSINGS. JOHNSON & JOHNSON, New Brunswick, N. J.
Filed December 16, 1926. Serial No. 241,574. PUBLISHED FEBRUARY 8, 1927.

226,932. HAIRBRUSHES. HENRY L. HUGHES CO. INC., New York, N. Y.
Filed December 16, 1926. Serial No. 241,571. PUBLISHED FEBRUARY 15, 1927.

226,933. PAPER USED FOR PRINTING, WRITING, BOOKKEEPING, AND TYPEWRITING, AND MAILING ENVELOPES. ATLANTIC PAPER COMPANY, Philadelphia, Pa.
Filed December 16, 1926. Serial No. 241,555. PUBLISHED FEBRUARY 15, 1927.

226,934. ARTISTS' TUBE PAINTS. PAINTEX PRODUCTS CORPORATION, New York, N. Y.
Filed December 15, 1926. Serial No. 241,542. PUBLISHED FEBRUARY 8, 1927.

226,935. WRITING TABLETS, SCHOOL TABLETS, COMPOSITION BOOKS, STUDENT NOTEBOOKS, EXAMINATION BOOKS, SPELLING BOOKS, DRAWING BOOKS, LOOSE-LEAF PAPERS, AND LOOSE-LEAF BINDERS. OSBORN PAPER COMPANY, Marion, Ind.
Filed December 15, 1926. Serial No. 241,541. PUBLISHED FEBRUARY 15, 1927.

226,936. ADHESIVELY-INTEGRATED FIBROUS MATERIAL (A MANUFACTURED MATERIAL). RESPRO, INC., Providence, R. I.
Filed December 14, 1926. Serial No. 241,497. PUBLISHED FEBRUARY 15, 1927.

226,937. INSECTICIDE. M. J. FORSELL, doing business as M. J. Forsell & Co., Seattle, Wash.
Filed December 14, 1926. Serial No. 241,478. PUBLISHED FEBRUARY 15, 1927.

226,938. PLASTIC CLAYS. CALIFORNIA ART SUPPLY COMPANY, Palo Alto, Calif.
Filed December 14, 1926. Serial No. 241,471. PUBLISHED FEBRUARY 15, 1927.

226,939. GRASS AND FIELD SEEDS. WILLIAM G. SCARLETT, Baltimore, Md.
Filed December 10, 1926. Serial No. 241,303. PUBLISHED FEBRUARY 1, 1927.

226,940. GRASS AND FIELD SEEDS. WILLIAM G. SCARLETT, Baltimore, Md.
Filed December 10, 1926. Serial No. 241,302. PUBLISHED FEBRUARY 1, 1927.

226,941. GRASS AND FIELD SEEDS. WILLIAM G. SCARLETT, Baltimore, Md.
Filed December 10, 1926. Serial No. 241,301. PUBLISHED FEBRUARY 1, 1927.

226,942. READY-MIXED PAINTS, PAINT ENAMELS, VARNISH, WOOD AND IRON FILLER UNDERCOATING, VARNISH STAINS, BRUSHING LACQUER, BRONZING LIQUID, LACQUER THINNERS, BRONZES, FURNITURE AND AUTOMOBILE POLISHES, AND FINISHING WAX. CON FERRO PAINT & VARNISH CO., doing business as Delta Lacquer & Products Company, St. Louis, Mo.
Filed November 20, 1926. Serial No. 240,343. PUBLISHED FEBRUARY 8, 1927.

226,943. FUR PELTS. HENRY ROSENBERG, New York, N. Y.
Filed November 20, 1926. Serial No. 240,370. PUBLISHED FEBRUARY 8, 1927.

226,944. FUR PELTS. HENRY ROSENBERG, New York, N. Y.
Filed November 20, 1926. Serial No. 240,371. PUBLISHED FEBRUARY 8, 1927.

226,945. SALT. AVERY ROCK SALT MINING COMPANY, Avery Island, La.
Filed November 22, 1926. Serial No. 240,395. PUBLISHED JANUARY 25, 1927.

226,946. GRASS AND FIELD SEEDS. WILLIAM G. SCARLETT, Baltimore, Md.
Filed December 10, 1926. Serial No. 241,304. PUBLISHED FEBRUARY 1, 1927.

226,947. READY-MIXED VARNISHES. GEO. D. WETHERILL & CO., INC., Philadelphia, Pa.
Filed December 10, 1926. Serial No. 241,307. PUBLISHED FEBRUARY 8, 1927.

226,948. MOLDED INSULATION FOR HIGH TEMPERATURES. JOHNS-MANVILLE, INCORPORATED, New York, N. Y.
Filed December 11, 1926. Serial No. 241,338. PUBLISHED FEBRUARY 15, 1927.

226,949. VEHICLE TIRES AND TUBES OF RUBBER AND RUBBER AND FABRIC. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed December 11, 1926. Serial No. 241,359. PUBLISHED FEBRUARY 15, 1927.

226,950. ASBESTOS ROOF CEMENT AND ASBESTOS ROOF COATING. MARSHALL LEFFLER COMPANY, Kansas City, Mo.
Filed December 13, 1926. Serial No. 241,417. PUBLISHED FEBRUARY 15, 1927.

226,951. FARM AND GRASS SEEDS. THE ALBERT DICKINSON COMPANY, Chicago, Ill.
Filed December 14, 1926. Serial No. 241,458. PUBLISHED FEBRUARY 15, 1927.

226,952. BROODERS. AMERICAN STEEL PRODUCTS CO., Macomb, Ill.
Filed November 29, 1926. Serial No. 240,694. PUBLISHED FEBRUARY 8, 1927.

226,953. POLISH FOR METAL. EDWARD A. FALL, New York, N. Y.
Filed November 29, 1926. Serial No. 240,705. PUBLISHED FEBRUARY 15, 1927.

226,954. THIMBLES USED IN CONNECTION WITH SHOE LASTS. ERNEST M. FULLERTON, doing business as F. E. Benton & Co., Stoughton, Mass.
Filed November 29, 1926. Serial No. 240,707. PUBLISHED FEBRUARY 8, 1927.

226,955. TILES. CLAY PRODUCTS COMPANY, INCORPORATED, Brazil, Ind.
Filed November 23, 1926. Serial No. 240,486. PUBLISHED FEBRUARY 8, 1927.

226,956. ICE CREAM. EL PASO ICE CREAM CO., INC., El Paso, Tex.
Filed November 23, 1926. Serial No. 240,489. PUBLISHED FEBRUARY 15, 1927.

226,957. LEATHER PACKINGS. E. F. HOUGHTON & Co., Philadelphia, Pa.
Filed November 24, 1926. Serial No. 240,547. PUBLISHED FEBRUARY 15, 1927.

226,958. JAMB-SUPPORTING STAYS. EMIL B. CARLSON, doing business as Jamb Supporting Stay Company, Chicago, Ill.
Filed November 26, 1926. Serial No. 240,594. PUBLISHED FEBRUARY 8, 1927.

226,959. SAWDUST AND SHAVINGS. NATIONAL SAWDUST CO., INC., Brooklyn, N. Y.
Filed November 22, 1926. Serial No. 240,433. PUBLISHED FEBRUARY 8, 1927.

226,960. DETERGENT—NAMELY, PREPARATION FOR CLEANING BOTTLES AND OTHER RECEPTACLES. BOILERINE, LIMITED, London, England.
Filed November 23, 1926. Serial No. 240,482. PUBLISHED FEBRUARY 15, 1927.

226,961. FRESH APPLES. SKOOKUM PACKERS ASSOCIATION, Wenatchee, Wash.
Filed November 29, 1926. Serial No. 240,739. PUBLISHED FEBRUARY 15, 1927.

226,962. MONTHLY PUBLICATION. AMERICAN PHARMACEUTICAL ASSOCIATION, Baltimore, Md.
Filed December 2, 1926. Serial No. 240,839. PUBLISHED FEBRUARY 15, 1927.

226,963. SOAPS. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa.
Filed December 1, 1926. Serial No. 240,833. PUBLISHED FEBRUARY 15, 1927.

226,964. CHEMICAL SUBSTANCES IN SOLID FORM FOR HYGIENIC PURPOSES, SUCH AS DEODORIZING, DISINFECTING, GERM AND INSECT KILLING, AND REPELLING MOTHS AND OTHER INSECTS. W. & F. WALKER LIMITED, Liverpool, England.
Filed November 30, 1926. Serial No. 240,838. PUBLISHED FEBRUARY 15, 1927.

226,965. NUTRITIVE SALT DERIVED FROM GRAINS AND USED AS A FOOD ADJUNCT. MABEL KEEP, doing business as Keyfoods Company, New York, N. Y., assignor to Caroline W. Wagner, Brooklyn, N. Y.
Filed November 19, 1926. Serial No. 240,306. PUBLISHED FEBRUARY 8, 1927.

226,966. DOORS, MORE PARTICULARLY CLOSET DOORS HAVING A PLAIN FRONT SIDE AND A MIRRORED REAR SIDE TO WHICH ONE OR MORE WING MIRRORS ARE HINGED. WILLIAM W. SMITH, Brooklyn, N. Y.
Filed November 26, 1926. Serial No. 240,629. PUBLISHED FEBRUARY 15, 1927.

226,967. CANDY. FRANK G. SHATTUCK COMPANY, doing business as the Schrafft's Stores, New York, N. Y.
Filed November 27, 1926. Serial No. 240,686. PUBLISHED FEBRUARY 15, 1927.

226,968. CORN CURE. BEN HYMAN LIEPACK PH. G., Pittsburgh, Pa.
Filed September 9, 1926. Serial No. 237,034. PUBLISHED FEBRUARY 15, 1927.

226,969. PORTABLE FIRE EXTINGUISHERS. WILLIAM H. BANFIL, Boston, Mass.
Filed September 14, 1926. Serial No. 237,218. PUBLISHED FEBRUARY 15, 1927.

226,970. FRESH CITROUS FRUITS. THE UMATILLA FRUIT CO., Umatilla, Fla.
Filed September 20, 1926. Serial No. 237,480. PUBLISHED FEBRUARY 15, 1927.

226,971. STEEL TUBING. AMERICAN SEAMLESS TUBE CORPORATION OF CALIFORNIA, Los Angeles, Calif.
Filed September 22, 1926. Serial No. 237,527. PUBLISHED FEBRUARY 15, 1927.

226,972. VELVETS AND VELVETEENS. BALSTONE COOKE AND COMPANY LIMITED, Manchester, England.
Filed September 23, 1926. Serial No. 237,585. PUBLISHED FEBRUARY 15, 1927.

226,973. FRESH, SALTED, BRINED, PICKLED, AND CANNED FISH, FISH FLESH, AND SHRIMPS, AND FRESH, PICKLED, AND CANNED OYSTERS, CLAMS, CRABS, AND LOBSTERS. GENERAL SEAFOODS CORPORATION, Gloucester, Mass.
Filed October 4, 1926. Serial No. 238,113. PUBLISHED FEBRUARY 15, 1927.

226,974. RUBBER SHEETING. THE C. E. CONOVER Co., New York, N. Y.
Filed October 7, 1926. Serial No. 238,252. PUBLISHED FEBRUARY 1, 1927.

226,975. MALT BEVERAGES. JACOB SCHMIDT BREWING COMPANY, St. Paul, Minn.
Filed October 9, 1926. Serial No. 238,400. PUBLISHED JANUARY 18, 1927.

226,976. TOILET PAPER. NORTHERN PAPER MILLS, Green Bay, Wis.
Filed October 11, 1926. Serial No. 238,451. PUBLISHED FEBRUARY 15, 1927.

226,977. OZONE-GENERATING APPARATUS. GEORGE STARR WHITE, Los Angeles, Calif.
Filed October 11, 1926. Serial No. 238,472. PUBLISHED FEBRUARY 8, 1927.

226,978. SOAPS. NAAMLOOZE VENNOOTSCHAP INTERNATIONAL PERFUMERY COMPANY, Amsterdam, Netherlands.
Filed October 12, 1926. Serial No. 238,515. PUBLISHED FEBRUARY 15, 1927.

226,979. SUSPENDERS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed October 14, 1926. Serial No. 238,578. PUBLISHED JANUARY 25, 1927.

226,980. FURNITURE POLISH. GEORGE L. FRANKS, doing business as Kenmare Manufacturing Co., Brooklyn, N. Y.
Filed October 15, 1926. Serial No. 238,648. PUBLISHED FEBRUARY 8, 1927.

226,981. ARTIFICIAL FLOWERS AND PREPARED NATURAL FLOWERS. REAL ART FLOWER CO., Los Angeles, Calif.
Filed October 15, 1926. Serial No. 238,671. PUBLISHED FEBRUARY 8, 1927.

226,982. NAIL FILES. C. J. BATES & SON, Chester, Conn.
Filed October 16, 1926. Serial No. 238,698. PUBLISHED FEBRUARY 8, 1927.

226,983. CANDY. GEORGE P. BALLACHEY, doing business as Margaret Burnham's, Oakland, Calif.
Filed October 19, 1926. Serial No. 238,833. PUBLISHED FEBRUARY 15, 1927.

226,984. BAG AND CASE LEATHER. AMERICAN HIDE AND LEATHER COMPANY, Boston, Mass.
Filed October 21, 1926. Serial No. 238,939. PUBLISHED FEBRUARY 8, 1927.

226,985. SIDE UPPER LEATHER. AMERICAN HIDE AND LEATHER COMPANY, Boston, Mass.
Filed October 21, 1926. Serial No. 238,940. PUBLISHED FEBRUARY 8, 1927.

226,986. SHOE CLEANSER, DRESSING, AND POLISH. SHU-MILK PRODUCTS CORP., Newark, N. J.
Filed October 21, 1926. Serial No. 239,001. PUBLISHED FEBRUARY 15, 1927.

226,987. CUT FLOWERS IN THEIR NATURAL STATE, NATURAL FLOWERS PREPARED WITH WAX AS A PRESERVATIVE. E. W. MCLELLAN COMPANY, San Francisco, Calif.
Filed October 23, 1926. Serial No. 239,127. PUBLISHED FEBRUARY 8, 1927.

226,988. FLOWERS, PLANTS, AND FLORAL PIECES. FERDINAND FLEISCHMAN, New York, N. Y.
Filed October 29, 1926. Serial No. 239,403. PUBLISHED FEBRUARY 15, 1927.

226,989. QUARTERLY MAGAZINES. UNIVERSAL PORTLAND CEMENT COMPANY, Chicago, Ill.
Filed October 29, 1926. Serial No. 239,446. PUBLISHED FEBRUARY 15, 1927.

226,990. MALT SIRUP. JACKSON BREWING COMPANY, New Orleans, La.
Filed October 30, 1926. Serial No. 239,478. PUBLISHED FEBRUARY 15, 1927.

226,991. GRANITE AND MARBLE MONUMENTS AND MARKERS. MONUMENTAL SALES & MFG. CO., INC., St. Cloud, Minn.
Filed November 1, 1926. Serial No. 239,537. PUBLISHED FEBRUARY 15, 1927.

226,992. CANDY. JOBBERS CANDY CO. INC., Bristol, Va.
Filed November 4, 1926. Serial No. 239,660. PUBLISHED FEBRUARY 15, 1927.

226,993. PRESERVED FIGS AND MARMALADE AND JAM. THE TEXAS FIG, Galveston, Tex.
Filed November 4, 1926. Serial No. 239,685. PUBLISHED FEBRUARY 15, 1927.

226,994. REFILLABLE SHEET-METAL KIT BOXES FOR HOLDING CLAMP PARTS AND TOOLS. MOBLER METAL PRODUCTS CORP., Mount Vernon, N. Y.
Filed November 5, 1926. Serial No. 239,713. PUBLISHED FEBRUARY 15, 1927.

226,995. ARTIFICIAL STONE. PRICE STONE CEMENT CO. INC., Brooklyn, N. Y.
Filed November 5, 1926. Serial No. 239,720. PUBLISHED FEBRUARY 8, 1927.

226,996. MAP-MAKING DEVICES FOR TEACHING PURPOSES. THE MAPOGRAPH CO. LTD., London, England.
Filed November 8, 1926. Serial No. 239,815. PUBLISHED FEBRUARY 15, 1927.

226,997. CHILDREN'S CLOTHING—I. E., COATS, DRESSES, SWEATERS, HATS, SUITS, SWEATER SUITS, SHOES OF LEATHER AND FABRIC, AND BOOTIES. MARY COHEN, doing business as The Kinder Shoppe, Duluth, Minn.
Filed November 11, 1926. Serial No. 239,919. PUBLISHED JANUARY 25, 1927.

226,998. FACE BRICK. DECATUR BRICK MANUFACTURING COMPANY, Decatur, Ill.
Filed November 12, 1926. Serial No. 239,973. PUBLISHED FEBRUARY 1, 1927.

226,999. UPPER LEATHERS. THE STANDARD KID CO., Boston, Mass.
Filed November 13, 1926. Serial No. 240,042. PUBLISHED FEBRUARY 1, 1927.

227,000. PEANUT BUTTER, EDIBLE OIL, MAYONNAISE, AND MAYONNAISE PRODUCTS—NAMELY, THOUSAND ISLAND DRESSING, SANDWICH SPREAD, RELISH, TARTAR SAUCE, AND RUSSIAN DRESSING. SAMUEL B. DRUCKER, New York, N. Y.
Filed November 15, 1926. Serial No. 240,069. PUBLISHED FEBRUARY 1, 1927.

227,001. MACARONI. CALOGERO COSTANZA, doing business as C. Costanza Macaroni Co., Coney Island, N. Y.
Filed November 16, 1926. Serial No. 240,132. PUBLISHED FEBRUARY 1, 1927.

227,002. PIPE-JOINT PACKING COMPOUND IN THE NATURE OF RED CLAY. G. W. GALLAWAY, New York, N. Y.
Filed November 16, 1926. Serial No. 240,137. PUBLISHED FEBRUARY 8, 1927.

227,003. FRESH NUT MEATS. ILLINOIS NUT PRODUCTS CO., Chicago, Ill.
Filed December 16, 1926. Serial No. 241,573. PUBLISHED FEBRUARY 15, 1927.

227,004. WATERPROOFED FABRICS. THE AMERICAN WATERPROOFING COMPANY, Cincinnati, Ohio.
Filed November 17, 1926. Serial No. 240,160. PUBLISHED FEBRUARY 1, 1927.

227,005. WATERPROOFED FABRICS. THE AMERICAN WATERPROOFING COMPANY, Cincinnati, Ohio.
Filed November 17, 1926. Serial No. 240,161. PUBLISHED FEBRUARY 1, 1927.

227,006. LEAD PENCILS, PENCIL HOLDERS, CRAYONS, CHALK RULERS, BLOTTERS, ETC. COUNT ALEXANDER VON FABER-CASTELL, Stein, near Nuremberg, Germany.
Filed November 17, 1926. Serial No. 240,176. PUBLISHED JANUARY 11, 1927.

227,007. CIGARS, CIGARETTES, SMOKING TOBACCO, CHEWING TOBACCO, AND SNUFF. GENERALDIREKTION DER OSTERR. TABAK-REGIE, Vienna, Austria.
Filed July 20, 1926. Serial No. 234,778. PUBLISHED FEBRUARY 15, 1927.

227,008. CHROME TAN CHAMOIS, OIL TAN CHAMOIS, SILVER-POLISHING LEATHER, FACE CHAMOIS, BUFFING LEATHER, AND CHAMOIS SPONGES. TURNER & COOK, INC., Southfield, Mass.
Filed July 23, 1926. Serial No. 235,003. PUBLISHED FEBRUARY 1, 1927.

227,009. GENERAL TONIC. ALOYS B. VOUK, St. Cloud, Minn.
Filed August 14, 1926. Serial No. 235,985. PUBLISHED FEBRUARY 1, 1927.

227,010. PORTABLE TRACTION SURFACE FOR WHEELS OF MOTOR VEHICLES. ARTHUR H. PENFIELD, New York, N. Y.
Filed August 16, 1926. Serial No. 236,054. PUBLISHED FEBRUARY 15, 1927.

227,011. CHILDREN'S VELOCIPEDES, BICYCLES, TRICYCLES, SCOOTERS, SCOOTER BICYCLES, AND PEDAL CARS. UNITED MANUFACTURING CO., Philadelphia, Pa.
Filed December 16, 1926. Serial No. 241,592. PUBLISHED FEBRUARY 15, 1927.

227,012. NONRUBBER COMPOSITION DOLLS. FLEISCHAKER & BAUM, New York, N. Y.
Filed December 17, 1926. Serial No. 241,611. PUBLISHED FEBRUARY 15, 1927.

227,013. REFRACTORY MATERIALS—NAMELY, HEAVY AND LIGHT CALCINED MAGNESIA, MAGNESIUM OXIDE, AND MAGNESITE, SUPERFINE MAGNESIA; CRUDE, SINTERED, SHRUNK, AND DEAD BURNT MAGNESITE AND MAGNESIA; ALSO PORCELAIN AND MULLITE PACKED IN BULK, BAGS, AND BARRELS. HENRY A. GOLWYNNE, New York, N. Y.
Filed December 20, 1926. Serial No. 241,714. PUBLISHED FEBRUARY 8, 1927.

227,014. POWDER PUFFS. WESTERN BOTTLE MANUFACTURING COMPANY, doing business as The Western Company, Chicago, Ill.
Filed December 20, 1926. Serial No. 241,755. PUBLISHED FEBRUARY 15, 1927.

227,015. SKIN AND HAIR BEAUTIFIERS. ZIJLSTRA'S CHEMISCHE FABRIEK, Haarlem, Netherlands.
Filed December 20, 1926. Serial No. 241,763. PUBLISHED FEBRUARY 15, 1927.

227,016. POWDERED MILK. MERRELL-SOULE COMPANY, Syracuse, N. Y.
Filed December 21, 1926. Serial No. 241,776. PUBLISHED FEBRUARY 15, 1927.

227,017. WOVEN, KNITTED, NETTED, TEXTILE, AND PILE FABRICS IN THE PIECE COMPRISED IN WHOLE OR IN PART OF SILK. CHENEY BROTHERS, South Manchester, Conn.
Filed December 22, 1926. Serial No. 241,811. PUBLISHED FEBRUARY 15, 1927.

227,018. SOAPSTONE, UNCURED SHEET RUBBER FOR USE IN TIRE REPAIRING, UNCURED CAMEL-BACK RUBBER STOCK FOR USE IN TIRE REPAIRING, UNCURED SHEET RUBBER WITH VULCANIZED BACKING, AND TIRE FLAP MATERIAL. THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis.
Filed December 22, 1926. Serial No. 241,815. PUBLISHED FEBRUARY 15, 1927.

227,019. CLOSURE DISKS KNOWN IN THE TRADE AS BOTTLE CAPS. OSWEGO FALLS CORPORATION, Fulton, N. Y.
Filed December 22, 1926. Serial No. 241,833. PUBLISHED FEBRUARY 15, 1927.

227,020. MALT SIRUP FOR FOOD PURPOSES. BENJAMIN PHILLIPS, doing business as Blue Ribbon Products Company, Allentown, Pa.
Filed December 22, 1926. Serial No. 241,837. PUBLISHED FEBRUARY 15, 1927.

227,021. MEDICINE FOR USE AS A CONDITIONER FOR HOGS AND POULTRY, FOR USE IN THE TREATMENT OF CHOLERA, COUGHS, INFLUENZA, AND PNEUMONIA, AND FOR USE AS A VERMIFUGE. HENRY C. PICKEL, Pemberton, Minn.
Filed December 22, 1926. Serial No. 241,838. PUBLISHED FEBRUARY 15, 1927.

227,022. TOILET PAPER AND PAPER TOWELS. CONTINENTAL PAPER & BAG MILLS CORPORATION, New York, N. Y.
Filed December 23, 1926. Serial No. 241,873. PUBLISHED FEBRUARY 15, 1927.

227,023. HORSESHOE AND RING PITCHING GAMES. SCHACHT RUBBER MFG. CO., Huntington, Ind.
Filed December 24, 1926. Serial No. 241,962. PUBLISHED FEBRUARY 15, 1927.

227,024. TABLETS FOR COLDS AND HEADACHES. EGBERT J. SORMANI, Brooklyn, N. Y.
Filed December 24, 1926. Serial No. 241,965. PUBLISHED FEBRUARY 15, 1927.

227,025. PRINTED RULED FORMS FOR MAKING RECORDS OF THE OPERATIONS OF ELECTRICAL INSTRUMENTS. HERMAN H. STICHT & CO., New York, N. Y.
Filed December 27, 1926. Serial No. 242,029. PUBLISHED FEBRUARY 15, 1927.

227,026. LEAD PENCILS. VENDEX, INC., New York, N. Y.
Filed December 27, 1926. Serial No. 242,032. PUBLISHED FEBRUARY 15, 1927.

227,027. POWER-DRIVEN RADIAL DRILLING MACHINES. THE CINCINNATI BICKFORD TOOL COMPANY, Oakley and Cincinnati, Ohio.
Filed December 28, 1926. Serial No. 242,043. PUBLISHED FEBRUARY 15, 1927.

227,028. DYES AND DYESTUFFS. GENERAL DYESTUFF CORPORATION, New York, N. Y.
Filed December 28, 1926. Serial No. 242,056. PUBLISHED FEBRUARY 15, 1927.

227,029. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, BRILLIANTINE, BANDOLINE, ROUGE, LIP STICKS, DUSTING POWDER, SACHET, COLD CREAMS, LOTION FOR THE SKIN AND HAIR, POWDER AND ROUGE COMPACTS, AND VEGETAL. HOUBIGANT, INC., New York, N. Y.
Filed December 28, 1926. Serial No. 242,057. PUBLISHED FEBRUARY 15, 1927.

227,030. REFILLABLE PENCILS AND LEADS THEREFOR. DUR-O-LITE PENCIL COMPANY, Chicago, Ill.
Filed December 29, 1926. Serial No. 242,118. PUBLISHED FEBRUARY 15, 1927.

227,031. WRITING PAPER. E. E. LLOYD PAPER COMPANY, Chicago, Ill.
Filed December 29, 1926. Serial No. 242,135. PUBLISHED FEBRUARY 15, 1927.

227,032. TEXTILE OIL. PERKINS SOAP COMPANY, Springfield, Mass.
Filed December 29, 1926. Serial No. 242,140. PUBLISHED FEBRUARY 15, 1927.

227,033. TEXTILE OIL. PERKINS SOAP COMPANY, Springfield, Mass.
Filed December 29, 1926. Serial No. 242,141. PUBLISHED FEBRUARY 15, 1927.

227,034. TEXTILE OIL. PERKINS SOAP COMPANY, Springfield, Mass.
Filed December 29, 1926. Serial No. 242,142. PUBLISHED FEBRUARY 15, 1927.

227,035. WRITING PAPER AND ENVELOPES. Z. & W. M. CRANE, INC., Dalton, Mass.
Filed December 30, 1926. Serial No. 242,171. PUBLISHED FEBRUARY 15, 1927.

227,036. WRITING PAPER AND ENVELOPES. Z. & W. M. CRANE, INC., Dalton, Mass.
Filed December 30, 1926. Serial No. 242,172. PUBLISHED FEBRUARY 15, 1927.

227,037. BRIDGE SCORING SHEETS AND PADS. FARANT, INCORPORATED, Norfolk, Va.
Filed December 30, 1926. Serial No. 242,175. PUBLISHED FEBRUARY 15, 1927.

227,038. SALTED PEANUTS. MILLER PEANUT PRODUCTS COMPANY, Detroit, Mich.
Filed December 30, 1926. Serial No. 242,202. PUBLISHED FEBRUARY 15, 1927.

227,039. OLIVE OIL. LOCKWOOD, BRACKETT CO., Waltham, Mass.
Filed December 31, 1926. Serial No. 242,238. PUBLISHED FEBRUARY 15, 1927.

227,040. BRAKE LININGS. ALLSESTOS CORPORATION, Philadelphia, Pa.
Filed January 3, 1927. Serial No. 242,267. PUBLISHED FEBRUARY 15, 1927.

227,041. STOMACH TABLETS. ADOLPH G. KELLER, doing business as Floda Remedies Co., Fort Wayne, Ind.
Filed January 3, 1927. Serial No. 242,296. PUBLISHED FEBRUARY 15, 1927.

227,042. LAXATIVE, KIDNEY DIURETIC, AND LIVER STIMULANT FOR USE IN THE TREATMENT OF BOILS, BAD TASTE IN MOUTH, BACKACHE, CONSTIPATION, DIZZINESS, GAS IN STOMACH, HEARTBURN, HEADACHE, IMPOVERISHED BLOOD, INDIGESTION, JAUNDICE, KIDNEY PAINS, LOSS OF APPETITE, LACK OF AMBITION, NERVOUSNESS, POOR COMPLEXION, RHEUMATISM, SOUR STOMACH, SLEEPLESSNESS, AND TORPID LIVER. THE NAHETA PRODUCTS COMPANY, Dayton, Ohio.
Filed January 3, 1927. Serial No. 242,307. PUBLISHED FEBRUARY 15, 1927.

227,043. TONIC AND DRESSING FOR THE HUMAN HAIR. DOVE A. FORD, Atlantic City, N. J.
Filed January 4, 1927. Serial No. 242,334. PUBLISHED FEBRUARY 15, 1927.

227,044. DIET FOR INFANTS. MOORES & ROSS, INC., Columbus, Ohio.
Filed January 5, 1927. Serial No. 242,385. PUBLISHED FEBRUARY 15, 1927.

227,045. DIET FOR INFANTS. MOORES & ROSS, INC., Columbus, Ohio.
Filed January 5, 1927. Serial No. 242,386. PUBLISHED FEBRUARY 15, 1927.

227,046. DIET FOR INFANTS. MOORES & ROSS, INC., Columbus, Ohio.
Filed January 5, 1927. Serial No. 242,387. PUBLISHED FEBRUARY 15, 1927.

227,047. DIET FOR INFANTS. MOORES & ROSS, INC., Columbus, Ohio.
Filed January 5, 1927. Serial No. 242,388. PUBLISHED FEBRUARY 15, 1927.

227,048. HAIR DYE. SAVERIO SANDULLO, Union City, N. J.
Filed January 5, 1927. Serial No. 242,396. PUBLISHED FEBRUARY 15, 1927.

227,049. CONCENTRATED MALT SIRUP FOR FOOD PURPOSES MADE FROM BARLEY MALT. MORRIS BROWN, doing business as Arrow Products Company, Philadelphia, Pa.
Filed January 8, 1927. Serial No. 242,519. PUBLISHED FEBRUARY 15, 1927.

227,050. GUMMED TAPE. MID-STATES GUMMED PAPER COMPANY, Chicago, Ill.
Filed January 8, 1927. Serial No. 242,545. PUBLISHED FEBRUARY 15, 1927.

227,051. HOUSEHOLD CABINETS, SUCH AS MEDICINE AND BATHROOM CABINETS. BENNETT MANUFACTURING COMPANY, Alden, N. Y.
Filed December 24, 1925. Serial No. 225,105. PUBLISHED APRIL 20, 1926.

227,052. SHOCK ABSORBERS FOR AUTOMOBILES, BUSSES, AND TRUCKS. THE RELIANCE MANUFACTURING COMPANY, New Haven, Conn.
Filed January 9, 1926. Serial No. 225,732. PUBLISHED FEBRUARY 15, 1927.

227,053. GOODS MADE OF CHINA. KAHLA CHINA CORPORATION, New York, N. Y.
Filed January 11, 1926. Serial No. 225,788. PUBLISHED FEBRUARY 15, 1927.

227,054. MALT SIRUP FOR FOOD PURPOSES, CANDIES, OLIVE OIL, CANNED TOMATOES, MACARONI, CANNED PEAS, CANNED SARDINES, FLAVORING EXTRACTS FOR FOOD PURPOSES, CHEESE, TEA, COFFEE, CANNED PEACHES, EVAPORATED CANNED MILK, SALAD DRESSING, WHEAT FLOUR, MUSTARD, SAUSAGE, CANNED SWEET CORN, AND CANNED SALMON. JOSEPH DI SANTO, doing business as Di Santo & Co., Duluth, Minn.
Filed February 5, 1926. Serial No. 226,888. PUBLISHED JUNE 22, 1926.

227,055. COTS, BEDS, SOFAS, LOUNGES, HOUSEHOLD CHAIRS, HAMMOCKS, AND LITTERS. KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.
Filed March 20, 1926. Serial No. 228,908. PUBLISHED FEBRUARY 15, 1927.

227,056. CANDY LOLLIPOPS OR SUCKERS. MELVIN CANDY COMPANY, INC., Chicago, Ill., assignor to The Sweets Company of America, Incorporated, New York, N. Y.
Filed April 15, 1926. Serial No. 230,250. PUBLISHED JUNE 29, 1926.

227,057. ROAD JOINTS—THAT IS, EXPANSIBLE AND COMPRESSIBLE MEMBERS ADAPTED FOR INSERTION BETWEEN EXPANSIBLE AND CONTRACTIBLE PORTIONS OF CONCRETE STRUCTURES SUCH AS ROADWAYS. W. R. MEADOWS, INC., Elgin, Ill.
Filed May 10, 1926. Serial No. 231,390. PUBLISHED FEBRUARY 15, 1927.

227,058. FINISHED AND UNFINISHED LUMBER—NAMELY, DRESSED AND PARTIALLY-DRESSED TIMBER, TIES, PLANKS, BOARDS, PILES, SASH, DOORS, AND FRAMES. THE LONG-BELL LUMBER COMPANY, Kansas City, Mo.
Filed May 13, 1926. Serial No. 231,553. PUBLISHED FEBRUARY 8, 1927.

227,059. PLASTER. BLUE DIAMOND CO., Los Angeles, Calif.
Filed June 3, 1926. Serial No. 232,650. PUBLISHED FEBRUARY 15, 1927.

227,060. WINDOW SCREENS. ROBERT G. FLEURY, Brooklyn, N. Y.
Filed June 22, 1926. Serial No. 233,610. PUBLISHED FEBRUARY 15, 1927.

227,061. ROUGE, LIP STICK, FACE POWDERS, PERFUMERY, COLD CREAM. ISAAC ROSENBLATT, New York, N. Y.
Filed June 24, 1926. Serial No. 233,707. PUBLISHED DECEMBER 28, 1926.

227,062. STRAWBERRY PLANTS. J. A. BAUER, Judsonia, Ark.
Filed June 25, 1926. Serial No. 233,718. PUBLISHED FEBRUARY 8, 1927.

227,063. FELT-BASE FLOOR RUGS. GOLDENBERG'S, Washington, D. C.
Filed June 28, 1926. Serial No. 233,820. PUBLISHED FEBRUARY 15, 1927.

227,064. WHISKY GLASSES, WINE GLASSES, TUMBLERS OF GLASS AND FLASKS OF GLASS. IRVING H. FISHELOV, doing business as H. Fishelov & Co., Chicago, Ill.
Filed July 6, 1926. Serial No. 234,206. PUBLISHED FEBRUARY 15, 1927.

227,065. PAPER, FILING AND MAILING CONTAINERS MADE FROM THE SAME, SUCH AS ENVELOPES, WALLETS, FILE WRAPPERS, FILING JACKETS, AND FOLDERS. ALVAH BUSHNELL, Philadelphia, Pa., assignor to Alvah Bushnell Company, Philadelphia, Pa., a Corporation of New Jersey.
Filed February 2, 1924. Serial No. 191,670. PUBLISHED FEBRUARY 15, 1927.

227,066. PRINTERS' PRESS BLANKETS. TINGUE, BROWN & CO., New York, N. Y.
Filed February 12, 1924. Serial No. 192,200. PUBLISHED APRIL 27, 1926.

227,067. MACARONI. G. & J. LO BUE BROTHERS, Jersey City, N. J.
Filed March 28, 1924. Serial No. 194,606. PUBLISHED DECEMBER 16, 1924.

227,068. BEEFSTEAKS CONSISTING OF CROSSCUT SLICES OF BEEF TENDERLOIN FROM WHICH THE SKIN, FAT, AND SINEWS HAVE BEEN REMOVED, AFTER WHICH STRIPS OF BACON ARE WRAPPED AROUND THE EDGES OF SAID SLICES OF BEEF AND FASTENED WITH A SKEWER. E. W. D. DOCTER, St. Louis, Mo.
Filed June 30, 1924. Serial No. 199,350. PUBLISHED SEPTEMBER 14, 1926.

227,069. CORNSTARCH, EVAPORATED MILK, CANNED SOUPS, BAKING CHOCOLATE AND COCOA, ETC. CARPENTER COOK COMPANY, Menominee, Mich.
Filed November 13, 1924. Serial No. 205,193. PUBLISHED FEBRUARY 15, 1927.

227,070. PORTABLE CABINETS AND TEA WAGONS. ROBERT W. ROSE, Clifton, Mass.
Filed February 14, 1925. Serial No. 209,592. PUBLISHED FEBRUARY 8, 1927.

227,071. DECALCOMANIA TRANSFERS AND TRANSFER SIGNS FORMED ON SMOOTH SURFACES BY MEANS OF PIECES OF SILK FABRIC IMPREGNATED WITH COLORED OIL PAINTS. PARKER & WATERMAN MFG. CO., Los Angeles, Calif.
Filed March 25, 1925. Serial No. 211,609. PUBLISHED FEBRUARY 15, 1927.

227,072. METAL SHOVELS, PICKS, HOES, AXES, ADZES, HATCHETS, CHISELS, DRAWING KNIVES, MEAT CHOPPERS, CLEAVERS, SUGAR-CANE BILLS AND HOOKS, HAMMERS, PICKAXES, CROW AND OTHER BARS, SPADES, RAKES, TROWELS, FORKS, SHIP SCRAPERS, SERPETTES, CUTLASSES, AND SICKLES. EDWARD ELWELL LIMITED, Wednesbury, England.
Filed April 24, 1925. Serial No. 213,230. PUBLISHED FEBRUARY 15, 1927.

227,073. FISHING LINES. UNITED STATES WHIP COMPANY, doing business as U. S. Line Company, Westfield, Mass.
Filed June 19, 1925. Serial No. 216,078. PUBLISHED AUGUST 18, 1925.

227,074. WRITING PAPERS, ANNOUNCEMENT PAPERS, PASTED BRISTOLS, AND COVER PAPERS. B. D. RISING PAPER COMPANY, Housatonic, Mass.
Filed July 15, 1925. Serial No. 217,388. PUBLISHED FEBRUARY 15, 1927.

227,075. BUILT-IN VENTILATORS, TRANSOMS, DOORS, WINDOWS, AND PANELS. THE VENTILOUVRE COMPANY, Bridgeport, Conn.
Filed August 8, 1925. Serial No. 218,587. PUBLISHED FEBRUARY 8, 1927.

227,076. ARTIFICIAL-SILK THREAD AND YARN. SOCIÉTÉ LYONNAISE DE SOIE ARTIFICIELLE, Lyon, France.
Filed September 23, 1925. Serial No. 220,686. PUBLISHED FEBRUARY 15, 1927.

227,077. COFFEE. THE WOOLSON SPICE COMPANY, Toledo, Ohio.
Filed October 8, 1925. Serial No. 221,468. PUBLISHED DECEMBER 29, 1925.

227,078. BONES, HORNS, LEATHER, SKINS, HIDES, UNWROUGHT AND WROUGHT, FLAYED AND UNFLAYED, CURED AND UNCURED. RAND COLD STORAGE & SUPPLY COMPANY, LIMITED, Kazerne, Johannesburg, Union of South Africa.
Filed October 15, 1925. Serial No. 221,767. PUBLISHED FEBRUARY 15, 1927.

227,079. BONES, HORNS, LEATHER, SKINS, AND HIDES, UNWROUGHT AND WROUGHT, FLAYED AND UNFLAYED, CURED AN UNCURED. RAND COLD STORAGE & SUPPLY COMPANY, LIMITED, Kazerne, Johannesburg, Union of South Africa.
Filed October 15, 1925. Serial No. 221,768. PUBLISHED FEBRUARY 1, 1927.

227,080. STEELS AND ALLOY STEELS IN THE FORM OF INGOTS, BLOOMS, BILLETS, SLABS, BARS, HOT-ROLLED STRIPS, SHAPES, AND SHEETS. THE CENTRAL STEEL COMPANY, Massillon, Ohio.
Filed October 17, 1925. Serial No. 221,875. PUBLISHED FEBRUARY 8, 1927.

227,081. CANNED FISH—NAMELY, HERRING. OLAF HERTZWIG TRADING CO. INC., New York, N. Y.
Filed November 17, 1925. Serial No. 223,440. PUBLISHED SEPTEMBER 28, 1926.

227,082. RADIATOR CAPS. ADVANCE PRODUCTS CORPORATION, Chicago, Ill.
Filed November 23, 1925. Serial No. 223,678. PUBLISHED FEBRUARY 15, 1927.

227,083. COMPOSITION ROOFING PRODUCTS—NAMELY, SHINGLES AND SLABS. THE RICHARDSON COMPANY, Lockland, Ohio, assignor to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts.
Filed December 11, 1925. Serial No. 224,575. PUBLISHED FEBRUARY 15, 1927.

227,084. TENTS. FRED R. BARBOUR, Los Angeles, Calif.
Filed December 15, 1925. Serial No. 224,691. PUBLISHED FEBRUARY 8, 1927.

227,085. PAPER BAGS. E-Z OPENER BAG COMPANY, Decatur, Ill.
Filed December 30, 1925. Serial No. 225,300. PUBLISHED FEBRUARY 15, 1927.

227,086. EAVES TROUGHS. ST. PAUL ROOFING, CORNICE & ORNAMENT CO., St. Paul, Minn.
Filed December 7, 1926. Serial No. 241,119. PUBLISHED FEBRUARY 15, 1927.

227,087. WOOLEN PIECE GOODS, COTTON PIECE GOODS, WOOLEN BLANKETS, FLANNEL SUITINGS IN THE PIECE, AUTOMOBILE ROBES, CARRIAGE ROBES, AND BABY-CARRIAGE COVERS OF TEXTILE FABRIC. JOSHUA HOYLE & SONS, LTD. INC., New York, N. Y.
Filed December 7, 1926. Serial No. 241,102. PUBLISHED FEBRUARY 1, 1927.

227,088. OUTDOOR GAME PLAYED WITH A POLE, A BALL, AND RACKETS OR PADDLES. JOHN GILMOUR, doing business as Chinese Funny Pole Company, Owensboro, Ky.
Filed December 7, 1926. Serial No. 241,099. PUBLISHED FEBRUARY 15, 1927.

227,089. APPARATUS FOR MEASURING QUANTITY OF MILK PASSING THROUGH A PIPE LINE. FRANK J. BENDER, Forest Park, Ill.
Filed December 7, 1926. Serial No. 241,078. PUBLISHED FEBRUARY 15, 1927.

227,090. CEMENT, WALL PLASTER, HYDRATED LIME, LUMBER, ROUGH AND FINISHED, SHINGLES, SASH, WOODEN AND METAL DOORS, WINDOW AND DOOR FRAMES, WOODEN MOLDINGS, ROOFING AND INSULATING PAPERS, AND WALL BOARD. O'NEIL LUMBER COMPANY INC., St. Louis, Mo., and East St. Louis, Ill.
Filed December 6, 1926. Serial No. 241,064. PUBLISHED FEBRUARY 15, 1927.

227,091. CLOTHES-WASHING MACHINES, IRONING MACHINES, AND CLOTHES WRINGERS. THE APEX ELECTRICAL MANUFACTURING COMPANY, Cleveland, Ohio.
Filed December 6, 1926. Serial No. 241,023. PUBLISHED FEBRUARY 15, 1927.

227,092. OIL FILTERS FOR INTERNAL-COMBUSTION MOTORS. VISIBLE GASOLINE FILTER CO., Chicago, Ill.
Filed December 4, 1926. Serial No. 241,012. PUBLISHED FEBRUARY 8, 1927.

227,093. BRICK. EMMETT V. POSTON, Springfield, Ill.
Filed December 2, 1926. Serial No. 240,998. PUBLISHED FEBRUARY 1, 1927.

227,094. COMBINED DISH MOP AND POT SCRAPER. THE NOVELTY CORD & TASSEL CO., Brooklyn, N. Y.
Filed December 4, 1926. Serial No. 240,994. PUBLISHED FEBRUARY 15, 1927.

227,095. [WITHDRAWN.]

227,096. TOILET SOAP. JAMES S. KIRK & COMPANY, Chicago, Ill.
Filed December 4, 1926. Serial No. 240,980. PUBLISHED FEBRUARY 15, 1927.

227,097. GAS AND OIL STOVES. THE DETROIT VAPOR STOVE CO., Detroit, Mich.
Filed December 3, 1926. Serial No. 240,905. PUBLISHED FEBRUARY 15, 1927.

227,098. IMITATION MAPLE SIRUP SOLD AS A TABLE SIRUP. G. J. ARNOLD BOTTLERS' SUPPLIES CO., St. Louis, Mo.
Filed December 3, 1926. Serial No. 240,899. PUBLISHED FEBRUARY 15, 1927.

227,099. RUBBER BELTING. UNION RUBBER AND ASBESTOS CO., Trenton, N. J.
Filed December 2, 1926. Serial No. 240,890. PUBLISHED FEBRUARY 15, 1927.

227,100. PHONOGRAPH MAINSPRINGS, REPRODUCERS, TONE ARMS, AND MICAS. THE ARTOPHONE CORPORATION, St. Louis, Mo.
Filed August 28, 1926. Serial No. 236,589. PUBLISHED JANUARY 11, 1927.

227,101. SOLUTION FOR PROLONGING THE LIFE OF SILK HOSE. KALON CORPORATION, Omaha, Nebr.
Filed September 4, 1926. Serial No. 236,881. PUBLISHED FEBRUARY 15, 1927.

227,102. SILK PIECE GOODS. WEILL & CALLMAN, New York, N. Y.
Filed January 8, 1927. Serial No. 242,557. PUBLISHED FEBRUARY 15, 1927.

227,103. CANDY. A. AND W. CANDY COMPANY, Newark, N. J.
Filed January 10, 1927. Serial No. 242,559. PUBLISHED FEBRUARY 15, 1927.

227,104. LAWN MOWERS. THE ECLIPSE LAWN MOWER CO., doing business as The Eclipse Machine Co., Prophetstown, Ill.
Filed January 10, 1927. Serial No. 242,578. PUBLISHED FEBRUARY 15, 1927.

227,105. GUMMED TAPE. THE GUMMED PRODUCTS COMPANY, Troy, Ohio.
Filed January 10, 1927. Serial No. 242,585. PUBLISHED FEBRUARY 15, 1927.

227,106. BOND PAPER AND LEDGER PAPER. MARQUETTE PAPER CO., Chicago, Ill.
Filed January 10, 1927. Serial No. 242,600. PUBLISHED FEBRUARY 15, 1927.

227,107. TOOL GRINDERS. PIKE MANUFACTURING COMPANY, Pike, N. H.
Filed January 10, 1927. Serial No. 242,612. PUBLISHED FEBRUARY 15, 1927.

227,108. BLANK AND PARTIALLY-PRINTED CARDS AND FORMS FOR INDEXES, INDEXES CONSISTING OF BLANK OR PARTIALLY-PRINTED FORMS OR CARDS, INDEX CARDS OF THE ARTICULATED TYPE, AND CASE FRAMES AND HOLDERS FOR INDEX CARDS. RAND KARDEX BUREAU, INC., Tonawanda, N. Y.
Filed January 10, 1927. Serial No. 242,617. PUBLISHED FEBRUARY 15, 1927.

227,109. CIGARS. AMERICAN CIGAR COMPANY, New York, N. Y.
Filed January 11, 1927. Serial No. 242,649. PUBLISHED FEBRUARY 15, 1927.

227,110. CHOCOLATE-COVERED NUT ROLLS. METRO CHOCOLATE CO. INC., Brooklyn, N. Y.
Filed January 11, 1927. Serial No. 242,678. PUBLISHED FEBRUARY 15, 1927.

227,111. CHOCOLATE-COVERED CREAM BARS. METRO CHOCOLATE CO. INC., Brooklyn, N. Y.
Filed January 11, 1927. Serial No. 242,681. PUBLISHED FEBRUARY 15, 1927.

227,112. CANDY. BUNTE BROTHERS, Chicago, Ill.
Filed January 12, 1927. Serial No. 242,704. PUBLISHED FEBRUARY 15, 1927.

227,113. FRESH VEGETABLES, CANTALOUPES, AND HONEY DEW MELONS. P. KAHN & CO., INC., Los Angeles, Calif.
Filed January 12, 1927. Serial No. 242,726. PUBLISHED FEBRUARY 15, 1927.

227,114. LIME. THE WOODVILLE LIME PRODUCTS COMPANY, Toledo, Ohio.
Filed September 7, 1926. Serial No. 236,972. PUBLISHED FEBRUARY 1, 1927.

227,115. GRASS AND FIELD SEEDS. WILLIAM G. SCARLETT, Baltimore, Md.
Filed December 10, 1926. Serial No. 241,300. PUBLISHED FEBRUARY 1, 1927.

227,116. BLACKBOARDS. E. W. A. ROWLES CO., Chicago, Ill.
Filed December 9, 1926. Serial No. 241,244. PUBLISHED FEBRUARY 1, 1927.

227,117. LEAF TOBACCO. AMERICAN SUMATRA TOBACCO CORPORATION, New York, N. Y.
Filed December 9, 1926. Serial No. 241,198. PUBLISHED FEBRUARY 15, 1927.

227,118. MEDICINAL COMPOUND FOR TREATMENT OF COLDS AND CONGESTED CONDITIONS OF RESPIRATORY AND BRONCHIAL PASSAGES. OXY VAPOROL CO., New York, N. Y.
Filed December 8, 1926. Serial No. 241,175. PUBLISHED FEBRUARY 15, 1927.

227,119. CONDUITS. WILLIAM C. MEREDITH, Atlanta, Ga.
Filed December 8, 1926. Serial No. 241,172. PUBLISHED FEBRUARY 1, 1927.

227,120. VALENCIENNES LACES IN THE PIECE. JORDAN MARSH COMPANY, Boston, Mass.
Filed December 8, 1926. Serial No. 241,164. PUBLISHED FEBRUARY 15, 1927.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

227,121. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FLORENCE S. GARDNER, Drexel Hill, Pa. Filed Mar. 7, 1927. Serial No. 245,846.



Particular description of goods.—Candy.
Claims use since about June, 1920.

227,122. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) OAKLAND MACHINERY COMPANY, Oakland, Calif. Filed Feb. 2, 1925. Serial No. 208,995.



Particular description of goods.—Automobile Accessories—Namely, Luggage Carriers and Bumpers, and Automobile Seat Supports, Not Including Automobiles and Their Structural Parts.
Claims use since January, 1923.

227,123. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) THE TIMKEN-DETROIT COMPANY, Detroit, Mich. Filed May 13, 1926. Serial No. 231,571.

TIMKEN

Particular description of goods.—Oil Burners.
Claims use since Mar. 15, 1926.

227,124. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) F. KELLER, doing business as California Fruit Preserving Co., San Francisco, Calif., assignor to California Fruit Preserving Corporation, San Francisco, Calif., a Corporation of California. Filed Nov. 24, 1926. Serial No. 240,551.

"SANTA CLARA"

Particular description of goods.—Mincemeat.
Claims use since Mar. 1, 1926.

227,125. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MRS. DRENK'S PURE FOOD PRODUCTS, Milwaukee, Wis. Filed Jan. 10, 1927. Serial No. 242,577.

Mrs. Drenk's HOME MADE

Particular description of goods.—Certain Named Food Products.
Claims use since about Oct. 8, 1919.

227,126. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MRS. HARTIG'S ALL EGG NOODLE COMPANY, Osceola, Ind. Filed Feb. 7, 1927. Serial No. 243,944.

Mrs. Hartig's ALL-EGG NOODLES

Particular description of goods.—Noodles.
Claims use since Dec. 15, 1925.

227,127. (CLASS 37. PAPER AND STATIONERY.) THE SMITH PRINTING COMPANY, Pine Bluff, Ark. Filed Feb. 9, 1926. Serial No. 227,090.

Try Smith

Particular description of goods.—Typewriting Papers.
Claims use since 1916.

227,128. (CLASS 12. CONSTRUCTION MATERIALS.) HARRY M. SMITH, Valley, Nebr. Filed June 23, 1925. Serial No. 216,293.

Smith River Bank Protecter

Particular description of goods.—River-Bank Protectors Used as Debris Collectors and Dam Formers.
Claims use since June 1, 1924.

227,129. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ELDER MFG. CO., St. Louis, Mo. Filed June 8, 1925. Serial No. 215,444.

Novelte Cords

Particular description of goods.—Cloth of Silk, Cotton, and Combinations Thereof, Both in the Piece and in the Bolt.
Claims use since Sept. 1, 1924.

227,130. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE BARRETT COMPANY, New York, N. Y. Filed Jan. 31, 1925. Serial No. 208,890.

SHINGLECOAT

Particular description of goods.—Stains and Stainlike Paints for Wood.
Claims use since on or about Oct. 31, 1924.

227,131. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE JAMES E. RICHARDS COMPANY, Dayton, Ohio. Filed Apr. 3, 1926. Serial No. 229,646.

Spot-Stop

Particular description of goods.—Drop Cloth for Use by Painters, Decorators, Plasterers, and in Any Connection Where it is Desired to Protect Walls, Floors, Furniture, Etc.
Claims use since Mar. 17, 1926.

227,132. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROWLAND B. PAGE, doing business as Page Milk Company, Merrill, Wis. Filed Aug. 26, 1926. Serial No. 236,498.

Page

Particular description of goods.—Evaporated Milk.
Claims use since October, 1917.

227,133. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) FRANK L. LINEHAN, doing business as F. L. Linehan Co., Minneapolis, Minn. Filed Dec. 31, 1926. Serial No. 242,236.

STERLING 100% PURE MALT EXTRACT

Particular description of goods.—Malt Sirups for Food Purposes.
Claims use since about July 1, 1924.

227,134. (CLASS 6. CHMEICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBERT BOILER COMPOUND & CHEMICAL CO., Minneapolis, Minn. Filed Feb. 26, 1927. Serial No. 244,947.

MUELLER

Particular description of goods.—Chemicals for Boiler-Cleaning and Water-Softening Purposes.
Claims use since 1915.

227,135. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) BURMA-VITA CO., Minneapolis, Minn., assignor to Burma-Vita Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Feb. 25, 1926. Serial No. 227,774.

Burma-Shave

Particular description of goods.—Shaving Cream to be Used Before Shaving.
Claims use since Jan. 1, 1926.

227,136. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HAWLEY & HOOPS, New York, N. Y. Filed Mar. 27, 1926. Serial No. 229,284.

CALIFORNIA MIXTURE

Particular description of goods.—Candy.
Claims use since about Mar. 17, 1926.

227,137. (CLASS 37. PAPER AND STATIONERY.) G. A. ACKERMANN PRINTING CO., Chicago, Ill. Filed Feb. 3, 1927. Serial No. 243,740.

SPLIT-COLOR

Particular description of goods.—Multicolored Printed Paper Stock.
Claims use since May 14, 1924.

227,138. (CLASS 2. RECEPTACLES.) R. C. CAN CO., St. Louis, Mo. Filed Feb. 7, 1927. Serial No. 243,068.

R.C.CAN CO. ST.LOUIS.MO.

Particular description of goods.—Metal-Reinforced Paper and Fiber Cans and Tubes for Mailing and for Use as Containers of Goods.
Claims use since on or about Oct. 1, 1920.

227,139. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) STONE & SMITH, Toledo, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio, a Corporation of Ohio. Filed Jan. 28, 1927. Serial No. 243,511.

VAN VLECK

Particular description of goods.—Fishhooks.
Claims use since Jan. 29, 1907.

227,140. (CLASS 31. FILTERS AND REFRIGERATORS.) ELECTRIC REFRIGERATION CORPORATION, Detroit, Mich. Filed Feb. 19, 1927. Serial No. 244,608.

LIKE A CLEAN CHINA DISH

Particular description of goods.—Refrigerators and Refrigerator Parts.
Claims use since about Jan. 1, 1914.

227,141. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBERT VERLEY, INC., Chicago, Ill. Filed Mar. 2, 1927. Serial No. 245,120.

ALBERT VERLEY

Particular description of goods.—Chemicals, Aldehydes, Alcohols, Natural and Synthetic Essential Oils Suitable for Perfuming Purposes.
Claims use since January, 1910.

227,142. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ADAM K. BOGDANOWICZ, doing business as Carpathian Medicine Company, Chicago, Ill. Filed Feb. 11, 1927. Serial No. 244,210.

Carpathian

Particular description of goods.—Preparation for Purifying Blood, Indigestion, Constipation, Lack of Appetite, Pains in Stomach, Hemorrhoids, Headache, Rheumatism, Colds; Ailments of Kidneys, Bladder, and Liver; Neuralgia, Pains in the Back, Stiff Muscles, and Pains in Bones, Rheumatic Pains, Acute Pains, Cramps, Skin Diseases, Catarrh and Lung Troubles.
Claims use since Sept. 1, 1925.

227,143. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RACHEL L. ADAMS, Quitman, Ga. Filed Feb. 16, 1927. Serial No. 244,419.

Madam R. L. Adams' Superior

Particular description of goods.—Hair Tonic, Hair Grower, and Oil for the Hair.
Claims use since January, 1917.

227,144. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) JAMES P. RATIGAN, Los Angeles, Calif. Filed Feb. 7, 1927. Serial No. 243,970.

SUREGRIP

Particular description of goods.—Oil-Well Equipment, Including Beam Hangers, Sucker-Rod Rotors, Beam-Hanger Shock Absorber, Polish-Rod Clamps, Polish-Rod Grips, Sucker-Rod Elevators, Bell Nipples, Samson-Post Rockers, Tubing Tongs.
Claims use since about 1918.

227,145. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) BEAVER FALLS ART TILE COMPANY, Beaver Falls, Pa. Filed Feb. 2, 1927. Serial No. 243,682.

NUBIAN

Particular description of goods.—Household Appliances and Fixtures—Namely, Shelves, Soap Holders, Toothbrush Holders, Towel Bars, Safety Gripping Bars, Sponge Holders, Toilet-Paper Holders, and Tumbler Holders.
Claims use since on or about Mar. 1, 1925.

227,146. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HANDY RAZOR CORPORATION, New York, N. Y. Filed Feb. 2, 1927. Serial No. 243,701.

HANDY

Particular description of goods.—Razors and Razor Blades.
Claims use since January, 1924.

227,147. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE MOND STAFFORDSHIRE REFINING CO. LTD., London, England. Filed Nov. 30, 1926. Serial No. 240,788.

MELANOID

Particular description of goods.—Dry, Paste, and Ready-Mixed Paints and Varnishes, Lacquers, and Paint Enamels.
Claims use since Jan. 5, 1926.

227,148. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES E. WALMSLEY, Bangor, Me. Filed Nov. 18, 1926. Serial No. 240,281.

KEEP-'EM-FRESH

Particular description of goods.—A Solution for the Preservation of Eggs.
Claims use since July 1, 1914.

227,149. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELIZABETH BOWLES, Los Angeles, Calif. Filed Sept. 23, 1926. Serial No. 237,590.

EUCALYPTUS BALM

Mrs. E. Bowles

Particular description of goods.—A Preparation for the Treatment of Diseases Peculiar to Women, as Falling of the Womb, Engorgement, Chronic Inflammation, Ulceration, Leucorrhea, Diseased Ovaries, Catarrh of the Vagina; Irregular, Suppressed, and Painful Menstruation; Diseases Incident to Change of Life, and Piles, in the Form of Suppositories, Salve.
Claims use since 1903.

227,150. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CALIFORNIA COTTON MILLS, Oakland, Calif. Filed June 10, 1926. Serial No. 232,901.

WOOLWARMTH

Particular description of goods.—Bed Linen, Textile Blankets, Comforters, and Spreads.
Claims use since Mar. 18, 1926.

227,151. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. H. COLBERT, San Francisco, Calif. Filed Apr. 2, 1926. Serial No. 229,540.

HOLSUM

Particular description of goods.—Canned Evaporated Milk.
Claims use since Mar. 18, 1926.

227,152. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE DAYTON RUBBER MANUFACTURING COMPANY, Dayton, Ohio. Filed Mar. 24, 1926. Serial No. 229,090.

STABILIZED

Particular description of goods.—Automobile Tires.
Claims use since Feb. 24, 1926.

227,153. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES W. MCATEER, doing business as Burn Oil Laboratory, Cincinnati, Ohio. Filed Jan. 12, 1926. Serial No. 225,832.

BURN'S

BURN OIL

Particular description of goods.—Preparations for the Treatment of Burns.
Claims use since Dec. 28, 1925.

227,154. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GRAHAM PAPER COMPANY, St. Louis, Mo. Filed Dec. 7, 1925. Serial No. 224,329.

CLIPPER

Particular description of goods.—Wrapping-Paper Cutter.
Claims use since Apr. 1, 1925.

227,155. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ELDER MFG. CO., St. Louis, Mo. Filed Oct. 17, 1925. Serial No. 221,887.

Tuply

Particular description of goods.—Cloth of Cotton, Silk, and Combinations of Same, Both in the Piece and in the Bolt, for Shirts, Blouses, and Suits.
Claims use since Sept. 1, 1925.

227,156. (CLASS 32. FURNITURE AND UPHOLSTERY.) HARTMAN FURNITURE & CARPET CO., Chicago, Ill. Filed Oct. 1, 1925. Serial No. 221,058.

Hartman's
Everything for the Home

Particular description of goods.—Beds, Bed Springs, Mattresses, Bed Pillows, Utility Chests, Dressrobes, Chifforettes, Household Tables, Servers, Buffets, Matting Boxes, Writing Desks, Sofas, Settees, Kitchen Cabinets, Wardrobes, Coat Trees, Costumers, Couch Hammocks, Parlor Tables, Occasional Tables, Sewing Cabinets, Bed Davenports, Dressers, Chiffoniers, Chifforobes, Bureaus, Chest of Drawers, Commodes, Cupboards, China Closets, Household Chairs, Tea Wagons, Cedar Chests, Day Beds, Rocking Chairs, Davenports, Divans, Stools, Hall Trees, Hat Racks, Pedestals, Reclining Household Chairs.
Claims use since May 2, 1925.

227,157. (CLASS 12. CONSTRUCTION MATERIALS.) THE RICHARDSON COMPANY, Lockland, Ohio, assignor to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts. Filed Jan. 30, 1924. Serial No. 191,506.

WEATHERED BROWN

Particular description of goods.—Composition Roofing Products—Namely, Slate-Surfaced Composition Shingles and Slab Shingles.
Claims use since Aug. 10, 1922.

227,158. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) THE HYGIENIC PRODUCTS COMPANY, Canton, Ohio. Filed Jan. 15, 1923. Serial No. 174,627.

WISK

Particular description of goods.—Brushes for Water-Closet Bowls.
Claims use since Dec. 1, 1922.

227,159. (CLASS 39. CLOTHING.) JOE MARIZON, New York, N. Y. Filed Mar. 17, 1927. Serial No. 245,917.

Betty Bond

Particular description of goods.—Women's and Misses' Wear—Namely, Dresses, Gowns, Frocks, Coats, Wraps, Suits, and Hats.
Claims use since Feb. 1, 1926.

227,160. (CLASS 39. CLOTHING.) HOOD RUBBER COMPANY, Watertown, Mass. Filed Mar. 10, 1927. Serial No. 245,487.

GRAND BANK

Particular description of goods.—Rubber Boots and Shoes, Rubber Overshoes, and Rubber-Soled Canvas Shoes.
Claims use since July 21, 1922.

227,161. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) OTTO ROTH, INC., Newark, N. J. Filed Mar. 4, 1927. Serial No. 245,220.

THE BETTER BLADE

Particular description of goods.—Razor Blades.
Claims use since May 25, 1925.

227,162. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) MULTIBESTOS COMPANY, Walpole, Mass. Filed Feb. 28, 1927. Serial No. 245,020.

BUSDUTY

Particular description of goods.—Brake and Clutch Linings for Automobiles.
Claims use since Jan. 29, 1926.

227,163. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) STOTT BRIQUET COMPANY, St. Paul, Minn. Filed Feb. 9, 1927. Serial No. 244,115.

STOTT BRIQUETS
THE PERFECT FUEL

Particular description of goods.—Coal.
Claims use since 1921.

227,164. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Feb. 1, 1927. Serial No. 243,649.

CIRCLE
FISK
MADE

Particular description of goods.—Rubber Inner Tubes for Pneumatic-Tire Casings.
Claims use since Mar. 19, 1926.

227,165. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) RIVERSIDE & DAN RIVER COTTON MILLS, INC., Danville, Va. Filed Dec. 21, 1926. Serial No. 241,789.

Navarre

Particular description of goods.—Ginghams in the Piece.
Claims use since 1916.

227,166. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) MASTER RULE MFG. CO. INC., New York, N. Y. Filed Nov. 22, 1926. Serial No. 240,426.

Tubular
RIVET

Particular description of goods.—Rules, Folding Rules, and Extension Rules.
Claims use since 1925.

227,167. (CLASS 38. PRINTS AND PUBLICATIONS.) THE GREAT ATLANTIC & PACIFIC TEA CO., Jersey, City, N. J. Filed May 25, 1926. Serial No. 232,180.

Ann Page

Particular description of goods.—Household Recipes Published in Weekly Periodicals.
Claims use since Mar. 8, 1926.

227,168. (CLASS 39. CLOTHING.) BEST & CO., INC., New York, N. Y. Filed May 7, 1926. Serial No 231,236.

AEROPLANE CLOTH
CAMP SUIT

Particular description of goods.—Children's Suits.
Claims use since Mar. 10, 1926.

227,169. (CLASS 17. TOBACCO PRODUCTS.) EMMANUEL J. KERANAKIS, New York, N. Y. Filed Mar. 4, 1926. Serial No. 228,113.

MANDALAY

Particular description of goods.—Cigarettes.
Claims use since Feb. 15, 1926.

227,170. (CLASS 39. CLOTHING.) CAMBRIDGE RUBBER COMPANY, Cambridge, Mass. Filed Aug. 10, 1926. Serial No. 235,771.

RAYNBOOT

Particular description of goods.—Rubber Boots, Shoes, Overshoes, and Arctics.
Claims use since on or about Dec. 31, 1925.

227,171. (CLASS 39. CLOTHING.) ELDER MFG. CO., St. Louis, Mo. Filed June 3, 1925. Serial No. 215,237.

Novelte
Cords

Particular description of goods.—Men's and Boys' Dress and Negligee Shirts.
Claims use since Sept. 1, 1924.

TRADE-MARK REGISTRATIONS RENEWED

29,814. MERINOS AND UNDERWEAR MADE FROM SAME. Registered April 13, 1897. BENJAMIN ALTMAN. Renewed April 13, 1927, to B. Altman & Co., New York, N. Y., a Corporation of New York, assignee by mesne assignments.

59,971. DENTAL PLASTER. Registered January 22, 1907. SAMUEL H. FRENCH & Co. Renewed January 22, 1927, to Samuel H. French & Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

59,972. MORTAR COLORINGS. Registered January 22, 1907. SAMUEL H. FRENCH & Co. Renewed January 22, 1927, to Samuel H. French & Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

61,366. SOLID AND PLATED SILVER KNIVES, FORKS, SPOONS, DISHES, AND CONDIMENT RECEPTACLES. Registered March 19, 1907. TOWLE MFG. COMPANY, Newburyport, Mass., a Corporation of Massachusetts. Renewed March 19, 1927.

61,684. EAU DE COLOGNE. Registered April 2, 1907. JOHANN MARIA FARINA GEGENÜBER DEM JÜLICHS-PLATZ, Cologne, Germany. Renewed April 2, 1927, to Johann Maria Farina, Inc., New York, N. Y., a Corporation of New York, assignee.

61,782. LAMP GLASSES AND GLOBES. Registered April 2, 1907. MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed April 2, 1927.

61,820. DENTAL WAX. Registered April 9, 1907. THE S. S. WHITE DENTAL MFG. CO., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed April 9, 1927, to the S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

61,821. DENTAL ALLOYS. Registered April 9, 1907. THE S. S. WHITE DENTAL MFG. CO., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed April 9, 1927, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

61,847. HOSE AND MACHINERY PACKINGS. Registered April 9, 1907. REVERE RUBBER COMPANY, Boston, Mass. Renewed April 9, 1927, to United States Rubber Company, New Brunswick, N. J., and New York, N. Y., a Corporation of New Jersey, assignee by mesne assignments.

62,373. STRAW HATS AND CAPS. Registered April 30, 1907. TOWNSEND GRACE CO. OF BALTIMORE CITY. Renewed April 30, 1927, to The Townsend Grace Company, Baltimore, Md., a Corporation of Maryland, assignee.

62,488. CERTAIN MEDICINES. Registered May 7, 1907. ALBERT R. SAYLOR, Allentown, Pa. Renewed May 7, 1927, to Albert R. Saylor, Collegeville, Pa.

62,700. BUG POWDER. Registered May 21, 1907. ARTHUR NUSSEY. Renewed May 21, 1927, to Arthur H. Nussey, Paterson, N. J., successor.

62,758. CALIPERS AND GAUGES. Registered May 21, 1907. MORSE TWIST DRILL & MACHINE COMPANY, New Bedford, Mass., a Corporation of Massachusetts. Renewed May 21, 1927.

63,072. REMEDIES FOR CERTAIN DISEASES. Registered June 4, 1907. H. E. BUCKLEN & COMPANY, Chicago, Ill. Renewed June 4, 1927, to H. E. Bucklen & Company, New York, N. Y., a Corporation of Illinois.

63,090. EXTRACTS AND ESSENCES OF MEAT. Registered June 4, 1907. BOVRIL LIMITED, London, England, a Corporation of Great Britain. Renewed June 4, 1927.

63,096. LEATHER BOOTS AND SHOES. Registered June 4, 1907. GUTHMANN CARPENTER & TELLING. Renewed June 4, 1927, to Guthmann, Carpenter & Co. Incorporated, Chicago, Ill., a Corporation of Illinois, successor.

63,130. WOMEN'S, MISSES', AND CHILDREN'S LEATHER BOOTS AND SHOES. Registered June 4, 1907. ROBERTS, JOHNSON & RAND SHOE COMPANY. Renewed June 4, 1927, to International Shoe Company, St. Louis, Mo., a Corporation of Delaware, assignee by mesne assignments.

63,370. SHOES MADE WHOLLY OR IN PART OF LEATHER. Registered June 18, 1907. PETERS SHOE Co. Renewed June 18, 1927, to International Shoe Company, St. Louis, Mo., a Corporation of Delaware, assignee.

63,444. MEDICINAL PREPARATIONS FOR CERTAIN DISEASES. Registered June 18, 1907. H. E. BUCKLEN & COMPANY, Chicago, Ill. Renewed June 18, 1927, to H. E. Bucklen & Company, New York, N. Y., a Corporation of Illinois.

63,796. CERTAIN CLOTHING. Registered July 9, 1907. A. G. SPALDING & BROS., Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed July 9, 1927.

63,817. AWNINGS, TENTS, CANOPIES, FLAGS, AND TARPAULINS. Registered July 9, 1907. A. MAMAUX & SON. Renewed July 9, 1927, to A. Mamaux and Son, Pittsburgh, Pa., a Corporation of Pennsylvania, successor.

63,833. LAMP GLASSES. Registered July 9, 1907. MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed July 9, 1927.

63,838. LEATHER BOOTS AND SHOES. Registered July 9, 1907. ROBERTS, JOHNSON & RAND SHOE COMPANY. Renewed July 9, 1927, to International Shoe Company, St. Louis, Mo., a Corporation of Delaware, assignee by mesne assignments.

64,222. LEATHER SHOES. Registered July 30, 1907. GIESECKE-D'OENCH-HAYS SHOE COMPANY. Renewed July 30, 1927, to International Shoe Company, St. Louis, Mo., a Corporation of Delaware, assignee.

64,232. PLAYING CARDS. Registered July 30, 1907. THE UNITED STATES PLAYING CARD CO. Renewed July 30, 1927, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

64,431. PLAYING CARDS. Registered August 6, 1907. STANDARD PLAYING CARD CO., Chicago, Ill., a Corporation of New Jersey. Renewed August 6, 1927.

64,534. CERTAIN JOINTING MATERIALS, ENGINE PACKINGS, AND HOSE PIPES. Registered August 13, 1907. TURNER BROTHERS LIMITED, Rochdale, England. Renewed August 13, 1927, to Ferodo and Asbestos Incorporated, New Brunswick, N. J., a Corporation of New York, assignee.

64,548. CANNED VEGETABLES. Registered August 13, 1907. THE FULLER CANNERIES COMPANY, Cleveland, Ohio, and South Dayton, N. Y., a Corporation of Ohio. Renewed August 13, 1927.

64,615. LAMP GLASSES AND GLOBES. Registered August 13, 1907. MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed August 13, 1927.

64,701. SHEARS, SCISSORS, RAZORS, AND POCKET KNIVES. Registered August 20, 1907. FARWELL, OZMUN, KIRK & Co., St. Paul, Minn., a Corporation of Minnesota. Renewed August 20, 1927.

64,710. PIPE UNIONS. Registered August 20, 1907. THE KELLY & JONES COMPANY, Pittsburgh, and Greensburg, Pa. Renewed August 20, 1927, to Walworth Company, Boston, Mass., a Corporation of Massachusetts, assignee.

64,733. VALVES AND COCKS. Registered August 20, 1907. THE KELLY & JONES COMPANY, Pittsburgh and Greensburg, Pa. Renewed August 20, 1927, to Walworth Company, Boston, Mass., a Corporation of Massachusetts, assignee.

64,735. VALVES, COCKS, AND UNIONS. Registered August 20, 1907. THE KELLY & JONES COMPANY, Pittsburgh and Greensburg, Pa. Renewed August 20, 1927, to Walworth Company, Boston, Mass., a Corporation of Massachusetts, assignee.

64,751. METALLIC ALLOYS. Registered August 20, 1907. THE PHOSPHOR-BRONZE SMELTING CO. LIMITED. Renewed August 20, 1927, to The Phosphor Bronze Smelting Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

64,808. CERTAIN PAPER MANUFACTURES. Registered August 20, 1907. TIFFANY & COMPANY, New York, N. Y., a Corporation of New York. Renewed August 20, 1927.

64,906. PLAYING CARDS. Registered August 27, 1907. THE UNITED STATES PLAYING CARD CO. Renewed August 27, 1927, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

64,942. WHEAT FLOUR. Registered August 27, 1907. MAPLETON MILLING COMPANY, Mapleton, Minn. Renewed August 27, 1927, to Commander Milling Company, Minneapolis, Minn., a Corporation of Minnesota, assignee by mesne assignments.

65,028. LEATHER BELTING AND FABRIC BELTING. Registered September 3, 1907. J. E. RHOADS & SONS, Philadelphia, Pa. and Wilmington, Del. Renewed September 3, 1927, to J. E. Rhoads & Sons, Philadelphia, Pa.

65,073. LEGGINGS MADE FROM TEXTILE FABRIC. Registered September 3, 1907. S. RAUH & COMPANY, New York, N. Y., a Corporation of New York. Renewed September 3, 1927.

65,125. CANDIES, CRYSTALLIZED FRUITS, AND GLACÉ FRUITS. Registered September 10, 1907. OLIVER-FINNIE Co., Memphis, Tenn., a Corporation of Tennessee. Renewed September 10, 1927.

65,126. BUTTER AND CHEESE. Registered September 10, 1907. OLIVER-FINNIE Co., Memphis, Tenn., a Corporation of Tennessee. Renewed September 10, 1927.

65,127. COFFEE AND TEA. Registered September 10, 1907. OLIVER-FINNIE Co., Memphis, Tenn., a Corporation of Tennessee. Renewed September 10, 1927.

65,142. CERTAIN CEREAL FOODS. Registered September 10, 1907. OLIVER-FINNIE Co., Memphis, Tenn. a Corporation of Tennessee. Renewed September 10 1927.

65,143. COFFEE. Registered September 10, 1907. OLIVER-FINNIE Co., Memphis, Tenn., a Corporation of Tennessee. Renewed September 10, 1927.

65,144. CERTAIN CEREAL FOODS. Registered September 10, 1907. OLIVER-FINNIE Co., Memphis, Tenn., a Corporation of Tennessee. Renewed September 10, 1927.

65,170. BAKING POWDER. Registered September 10, 1907. OLIVER-FINNIE Co., Memphis, Tenn., a Corporation of Tennessee. Renewed September 10, 1927.

65,204. STAINS. Registered September 10, 1907. STANDARD VARNISH WORKS, New York, N. Y., a Corporation of New York. Renewed September 10, 1927.

65,209. KNIVES AND FORKS. Registered September 10, 1907. FARWELL, OZMUN, KIRK & Co., St. Paul, Minn., a Corporation of Minnesota. Renewed September 10, 1927.

65,210. CERTAIN CUTLERY. Registered September 10, 1907. FARWELL, OZMUN, KIRK & Co., St. Paul, Minn., a Corporation of Minnesota. Renewed September 10, 1927.

65,267. CERTAIN TEXTILES. Registered September 17, 1907. ATUYER, BIANCHINI, FÉRIER & CIE. Renewed September 17, 1927, to Bianchini Ferier, Lyon, France, successor.

65,280. FILLERS. Registered September 17, 1907. R. F. JOHNSTON PAINT COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed September 17, 1927.

65,347. CERTAIN AGRICULTURAL MACHINERY. Registered September 24, 1907. ADVANCE THRESHER Co., Battle Creek, Mich. Renewed September 24, 1927, to Advance-Rumely Company, La Porte, Ind., a Corporation of Indiana, assignee.

65,348. CERTAIN AGRICULTURAL MACHINERY. Registered September 24, 1907. ADVANCE THRESHER Co., Battle Creek, Mich. Renewed September 24, 1927, to Advance-Rumely Company, La Porte, Ind., a Corporation of Indiana, assignee.

65,349. TRACTION ENGINES AND HORSE POWERS. Registered September 24, 1907. ADVANCE THRESHER Co., Battle Creek, Mich. Renewed September 24, 1927, to Advance-Rumely Company, La Porte, Ind., a Corporation of Indiana, assignee.

65,350. TRACTION ENGINES AND HORSE POWERS. Registered September 24, 1907. ADVANCE THRESHER Co., Battle Creek, Mich. Renewed September 24, 1927, to Advance-Rumely Company, La Porte, Ind., a Corporation of Indiana, assignee.

65,393. CERTAIN CONFECTIONERY. Registered September 24, 1907. THE BRADLEY, SMITH COMPANY, New Haven, Conn., a Corporation of Connecticut. Renewed September 24, 1927.

65,405. FOOD FOR FISH. Registered September 24, 1907. JOSEPH SCHLAGHECK, Toledo, Ohio. Renewed September 24, 1927.

LABELS

REGISTERED APRIL 26, 1927.

31,994.—*Title:* BIMALTED. For Candy. ALBERTA CANDY Co., San Francisco, Calif. Published January 1, 1927.

31,995.—*Title:* AL-BI-NO. For a Liniment. LOUIS ALBINO, Woodhaven, N. Y. Published February 7, 1927.

31,996.—*Title:* SUNLIT HONEY LIQUID SUNSHINE. For Honey. H. B. ALLEN, doing business as The Allen Bee Farm, Cozad, Nebr. Published February 25, 1927.

31,997.—*Title:* BEAR BRAND. For Photographs. BEAR FILM CO., San Francisco, Calif. Published January 1, 1927.

31,998.—*Title:* MAGNESIA EFFERVESCENTE ANTIBILIOSA. For Remedy for Indigestion, Headache, and Other Ailments. J. M. BLANCO, INC., San Juan, P. R. Published February 1, 1927.

31,999.—*Title:* ALMOND ROCA. For Confections. BROWN & HALEY, Tacoma, Wash. Published March 1, 1927.

32,000.—*Title:* DR. WHITES BLUE PILLS. For a Medicine Which is a Diuretic Stimulant for the Kidneys and Urinary Organs. FIRST NATIONAL LABORATORIES INC., Lehighton, Pa. Published June 11, 1926.

32,001.—*Title:* DR. WHITES PINK LAXATIVE PILLS. For a Medicine for the Liver and Bowels, for Constipation, and Biliousness. FIRST NATIONAL LABORATORIES INC., Lehighton, Pa. Published April 14, 1926.

32,002.—*Title:* DR. WHITES COLD CREAM. For a Medicine for the Removal and Prevention of Wrinkles and Blackheads. FIRST NATIONAL LABORATORIES INC., Lehighton, Pa. Published December 15, 1925.

32,003.—*Title:* DR. WHITES LUN-GE HEA-LA. For a Medicine for Coughs and Colds. FIRST NATIONAL LABORATORIES INC., Lehighton, Pa. Published July 3, 1926.

32,004.—*Title:* DR. WHITES COLD CREAM. For a Medicine for the Prevention and Removal of Wrinkles and Blackheads. FIRST NATIONAL LABORATORIES INC., Lehighton, Pa. Published June 15, 1925.

32,005.—*Title:* ALMOND KRUNCH. For Candy. FLAVOUR CANDY Co., Chicago, Ill. Published February 21, 1927.

32,006.—*Title:* BLACK WALNUT FLAKES. For Candy. FLAVOUR CANDY Co., Chicago, Ill. Published February 21, 1927.

32,007.—*Title:* CHICKEN BONES. For Candy. FLAVOUR CANDY Co., Chicago, Ill. Published February 21, 1927.

32,008.—*Title:* PELICAN. For Cabbages. GERHARDT-HARDWICKE COMPANY, Corpus Christi, Tex. Published December 30, 1926.

32,009.—*Title:* GOLDEN QUALITY. For Lettuce. JACK BROS. & MCBURNEY Co., Brawley, Calif. Published March 1, 1927.

32,010.—*Title:* OLD HOME. For Bread. THE W. E. LONG Co., Chicago, Ill. Published February 24, 1927.

32,011.—*Title:* OLD HOME. For Bread. THE W. E. LONG Co., Chicago, Ill. Published March 12, 1927.

32,012.—*Title:* MALT BREAKFAST FOOD. For Breakfast Food. THE MALTED CEREALS COMPANY, Burlington, Vt. Published December 20, 1926.

32,013.—*Title:* SPRING MORNING BRAND. For Sirup Made From Maple and Cane Sugar. MAPLE GROVE CANDIES, INC., St. Johnsbury, Vt. Published February 1, 1927.

32,014.—*Title:* OFFICER 'STOPGO' THE WHISTLING TRAFFIC COP. For Toy Traffic Cops. MARKS BROTHERS Co., Boston, Mass. Published December 5, 1926.

32,015.—*Title:* FRO-JOY. For Ice Cream. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to General Ice Cream Corporation, Schenectady, N. Y. Published December 5, 1926.

32,016.—*Title:* MOUNTAIN GOLD. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Steward Creameries, Inc., Worland, Wyo. Published December 3, 1926.

32,017.—*Title:* TOP O' THE WORLD. For Oranges. MID-CALIFORNIA CITRUS ASSOCIATION, Porterville, Calif. Published November 1, 1926.

32,018.—*Title:* MRS. GRAF'S SELECT SWEETS. For Candy. THE MILWAUKEE PAPER BOX Co., Milwaukee, Wis. Published March 21, 1927.

32,019.—*Title:* PENWALD. For Canned Pears. OLYMPIA CANNING COMPANY, Olympia, Wash. Published February 15, 1927.

32,020.—*Title:* OROLAVIS. For a Medicinal Preparation for a Throat Gargle and Mouth Wash. PHYSICIANS & HOSPITALS SUPPLY Co., INC., Minneapolis, Minn. Published March 2, 1927.

32,021.—*Title:* SACKETT CIGARS, CIGARETTES, SMOKING TOBACCO. For Tobacco Products for Smoking. HUBERT SACKETT, New York, N. Y. Published March 1, 1927.

32,022.—*Title:* KWALITY BLEND KOFFEE. For Roasted and Blended Coffee. SORVER, MCEVOY & Co., Philadelphia, Pa. Published November 22, 1926.

32,023.—*Title:* SANTIAM. For Canned Loganberries. STAYTON CANNING Co., Stayton, Oreg. Published March 1, 1927.

32,024.—*Title:* BLUE RIBBON POTATO CHIPS. For Potato Chips. A. A. WALTER & Co., Albany, N. Y. Published March 24, 1927.

PRINTS

REGISTERED APRIL 26, 1927.

9,749.—*Title:* PETITE COATS FOR LITTLE WOMEN. For Women's Coats. AMERICAN GIRL COAT Co. INC., New York, N. Y. Published February 10, 1927.

9,750.—*Title:* GRANDMA KNEW. For Soap Compound. DELMER W. CALL, doing business as Menlove Manufacturing Co., San Francisco, Calif. Published February 15, 1927.

9,751.—*Title:* STATE HOUSE CANDY. For Candy. JOSEPH P. DEVIR, Philadelphia, Pa. Published November 25, 1926.

9,752.—*Title:* NOW IT'S CARRILLE. For Crane's Carrille. EATON, CRANE & PIKE Co., Pittsfield, Mass. Published October 15, 1925.

9,753.—*Title:* NO MORE BURNT FOOD. For Hot Plates. F. H. LONGACRE, H. T. MOSS, W. A. YOAKUM, and F. L. YOAKUM, Kansas City, Mo. Published March 4, 1927.

9,754.—*Title:* PEPSODENT THE NEW-DAY TOOTH PASTE FILM—THE ENEMY OF TEETH COMBAT IT DAILY A-D A G. For Tooth Paste. THE PEPSODENT CO., Chicago, Ill. Published March 9, 1927.

9,755.—*Title:* THIS MODERN AGE PUTS CAMELS FIRST 3 BW 1927. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 31, 1927.

9,756.—*Title:* MODERN SMOKERS ENJOY THE MELLOW FRAGRANCE OF CAMEL. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published Feb. 7, 1927.

9,757.—*Title:* I'M TELLING YOU STRAIGHT—P. A. IS THE WORKS. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 14, 1927.

9,758.—*Title:* ONE GRAND LITTLE CIGARETTE—I MADE IT MYSELF WITH P. A. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 14, 1927.

9,759.—*Title:* P. A.—THAT'S MY 'ROLLING-STOCK'! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 7, 1927.

9,760.—*Title:* YOUR PIPE CAN BE A CHEER OR A CHORE. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 7, 1927.

9,761.—*Title:* NO BETTER TOBACCO EVER SNUGGLED IN A MAKIN'S PAPER. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 31, 1927.

9,762.—*Title:* P. A. MAKES GOOD WITH PIPE-PARTICULAR MEN. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 31, 1927.

9,763.—*Title:* IF YOU ASK ME, P. A. IS GREAT TOBACCO! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 22, 1927.

9,764.—*Title:* I GOT OFF TO A GOOD START. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 5, 1927.

9,765.—*Title:* ASK ME HOW I LIKE PRINCE ALBERT! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published March 5, 1927.

9,766.—*Title:* AT PEACE WITH THE WORLD. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 19, 1927.

9,767.—*Title:* LISTEN-IN, YOU ROLL-YOUR-OWNERS. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 28, 1927.

9,768.—*Title:* P. A. AND A PIPE—THAT'S MY DISH! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 28, 1927.

9,769.—*Title:* ME AND THE JOY-FRIEND . . . PRINCE ALBERT. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 26, 1927.

9,770.—*Title:* CAMEL IS THE UNDERSTANDING SMOKE. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 12, 1927.

9,771.—*Title:* THIS MODERN AGE RECOGNIZES THE HONEST QUALITY OF CAMELS. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 14, 1927.

9,772.—*Title:* THIS MODERN AGE LIKES THE MELLOW MILDNESS OF CAMELS. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 21, 1927.

9,773.—*Title:* CAMEL IS ITS OWN REASON FOR SUCCESS. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 26, 1927.

9,774.—*Title:* THIS MODERN AGE DISCRIMINATES—AND SMOKES CAMELS. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 28, 1927.

9,775.—*Title:* THIS MODERN AGE PUTS CAMELS FIRST 3 DV 1927. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 28, 1927.

9,776.—*Title:* CAMELS BRING ENJOYMENT TO LIVING. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published March 1, 1927.

9,777.—*Title:* CAMELS ADD TO THE JOY OF LIVING. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published March 1, 1927.

9,778.—*Title:* TOP IN QUALITY—FIRST IN POPULARITY. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 29, 1927.

9,779.—*Title:* I'VE GOT A HALF-NELSON ON JIMMY-PIPE JOY! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 12, 1927.

9,780.—*Title:* WHEN THE PLUTARCHS START PLUTARCHING. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published January 29, 1927.

9,781.—*Title:* WHAT A CIGARETTE MEN, WHAT A CIGARETTE! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 21, 1927.

9,782.—*Title:* PERSONALLY, I SMOKE FOR PLEASURE! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 21, 1927.

9,783.—*Title:* THE HAPPIEST WORDS IN THE WORLD. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published February 1, 1927.

9,784.—*Title:* WINTER! COLDS! COUGHS! CATARRH! For Nose and Throat Spray. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published December 30, 1926.

9,785.—*Title:* FLIT KILLS MOTHS. For Insecticide. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Published February 1, 1927.

9,786.—*Title:* MAKE IT YOURSELF FROM STANLEY PLANS. For Tools. STANLEY WORKS, New Britain, Conn. Published March 1, 1927.

9,787.—*Title:* WASHINGTON PARK. For Men's and Boys' Clothing. STANLY MANLY BOYS CLOTHES, INC., New York, N. Y. Published February 1, 1927.

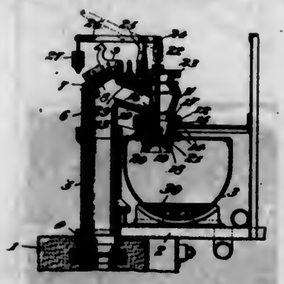
9,788.—*Title:* IF FASHION CAME TO THIS YOU'D CHANGE YOUR GARTERS OFTENER. For Garters. A. STEIN & COMPANY, Chicago, Ill. Published December 23, 1926.

9,789.—*Title:* TODAY ONLY. For Musical Instruments. THOMAS D. TAYLOR, Philadelphia, Pa. Published March 16, 1927.

REISSUES

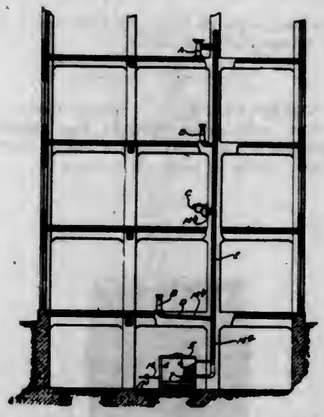
APRIL 26, 1927.

16,604. SEALED VALVE. JOHN J. CAVETT, Woodlawn, Pa., assignor to The Koppers Company, a Corporation of Delaware. Filed Feb. 21, 1927. Serial No. 170,020. Original No. 1,540,513, dated June 2, 1925, Serial No. 591,193, filed Sept. 28, 1922. 8 Claims. (Cl. 251—27.)



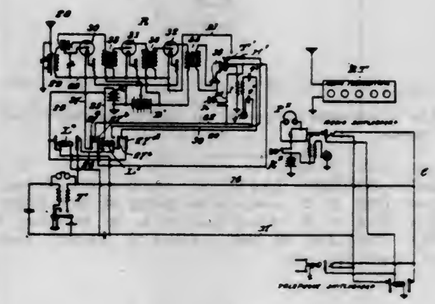
3. A valve having an approximately conical body portion with an up-turned lower edge, thus providing a continuous annular space between the edge and the body, a valve seat member adapted to contact at its lower end with said valve between the body portion and said up-turned edge and provided with openings in its lower end, and means for supplying liquid to the valve, whereby the valve is adapted to be sealed against the passage of gas while permitting liquid to pass.

16,605. COOLING DEVICE FOR DRINKING FOUNTAINS. HARRY C. RIDLER, Minneapolis, Minn. Filed Nov. 26, 1926. Serial No. 150,994. Original No. 1,539,867, dated June 2, 1925, Serial No. 581,543, filed Aug. 12, 1922. 10 Claims. (Cl. 62—147.)



10. The combination with a refrigerator, of a plurality of drinking fountains, a cold water return pipe having branches connected to the overflows of the several fountains, a drinking water supply pipe passing through said refrigerator and arranged in heat exchanging relation with said cold water return pipe, and a covering medium enclosing said return pipe and said supply pipe.

16,606. RADIO RECEIVING APPARATUS. HARRY F. LOWENSTEIN and EDWARD E. CLEMENT, Washington, D. C., assignors, by direct and mesne assignments, to Edward F. Colladay, Washington, D. C. Filed Jan. 6, 1927. Serial No. 159,461. Original application filed Aug. 14, 1922, Serial No. 581,773. Renewed July 22, 1924. Original No. 1,522,308, dated Jan. 6, 1925. 6 Claims. (Cl. 250—6.)

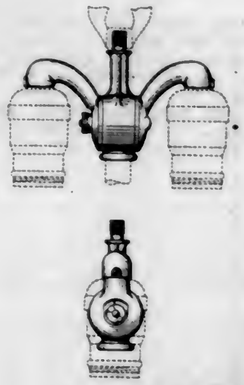


1. In a combined radio and telephone system, a central station, a subscriber's station, a wire circuit connecting them, a radio receiving set at the subscriber's station, and a telephone transmitter related thereto so as to receive sound waves therefrom, with means controllable by a radio operator at the central station to close the circuits of said transmitter for current supply thereto and for telephonic transmission over the wire circuit to central.

DESIGNS

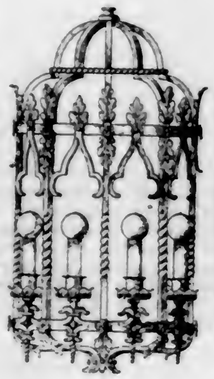
APRIL 26, 1927.

72,510. ELECTRIC-LIGHTING FIXTURE. ABRAHAM COOPER, Brooklyn, N. Y. Filed Feb. 12, 1926. Serial No. 16,504. Term of patent 7 years.



The ornamental design for an electric lighting fixture, as shown.

72,511. HANGING LANTERN. LE ROY A. CRUMLEY, New York, N. Y., assignor to Harry M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Filed Jan. 29, 1927. Serial No. 20,532. Term of patent 3½ years.



The ornamental design for a hanging lantern substantially as shown.

72,512. BOX COVER PAPER OR SIMILAR MATERIAL. AMY DREVENSTEDT, New York, N. Y., assignor to John Wanamaker New York, New York, N. Y., a Corporation of New York. Filed Jan. 24, 1927. Serial No. 20,481. Term of patent 7 years.



The ornamental design for a box cover paper or similar material, substantially as shown.

72,513. WRAPPING PAPER. HELEN EBELL, Los Angeles, Calif., assignor to Bullock's, Los Angeles, Calif., a Corporation of California. Filed Jan. 7, 1927. Serial No. 20,304. Term of patent 3½ years.



The ornamental design for wrapping paper, as shown and described.

72,514. HOOD FOR REGISTERS. WILLIAM S. ELTERS, Dayton, Ohio, assignor to The Gem City Sheet Metal Co., Dayton, Ohio, a Corporation of Ohio. Filed Dec. 7, 1926. Serial No. 19,960. Term of patent 14 years.



The ornamental design for a hood for registers, substantially as shown.

72,515. COMBINED SALT AND PEPPER SHAKER. ALFRED J. FLAUDER, Bridgeport, Conn., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn., a Corporation of Connecticut. Filed Mar. 5, 1927. Serial No. 20,980. Term of patent 7 years.



The ornamental design for a combined salt and pepper shaker substantially as shown.

72,516. COMBINED SALT AND PEPPER SHAKER. ALFRED J. FLAUDER, Bridgeport, Conn., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn., a Corporation of Connecticut. Filed Mar. 8, 1927. Serial No. 21,066. Term of patent 7 years.



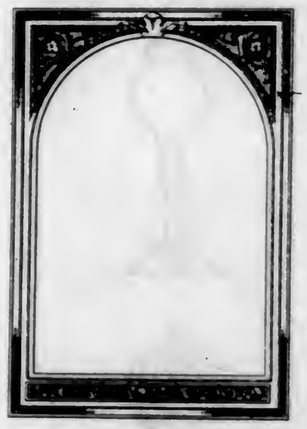
The ornamental design for a combined salt and pepper shaker substantially as shown.

72,517. FROLIC BUTTON. CHARLES T. HATHAWAY, Duluth, Minn. Filed Dec. 10, 1926. Serial No. 20,006. Term of patent 3½ years.



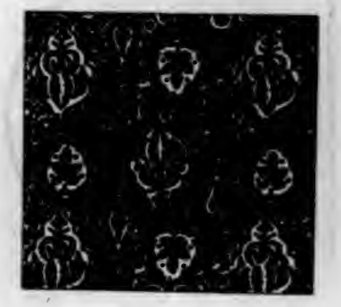
The ornamental design for a frolic button, as shown.

72,518. PICTURE MOUNTING. WILLIAM J. HELMQUEST, San Francisco, Calif., assignor to California Card Manufacturing Company, San Francisco, Calif., a Corporation of California. Filed Feb. 9, 1927. Serial No. 20,663. Term of patent 7 years.



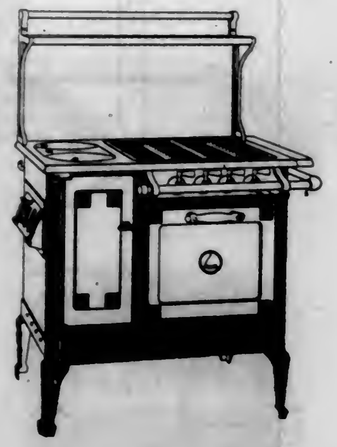
The ornamental design for a picture mounting, substantially as shown.

72,519. LINING PAPER OR SIMILAR ARTICLE. JACK LADER, Brooklyn, N. Y., assignor to C. R. Whiting Co., Newark, N. J., a Copartnership composed of Victor Friedlander and Frank V. Friedlander. Filed Nov. 18, 1926. Serial No. 19,762. Term of patent 3½ years.



The ornamental design for lining paper or similar article, as shown.

72,520. COMBINATION STOVE. HENRY LANGE, Quincy, Ill. Filed Feb. 23, 1927. Serial No. 20,850. Term of patent 14 years.



The ornamental design for a combination stove, as shown.

72,521. TASSEL FRINGE. DAVID M. LENDING, Brooklyn, N. Y. Filed Feb. 25, 1927. Serial No. 20,902. Term of patent 3½ years.



The ornamental design for tassel fringe, as shown.

72,522. WALL BRACKET FOR BIRDCAGES. LEWICKI J. LEON, West Chicago, Ill. Filed Dec. 27, 1926. Serial No. 20,149. Term of patent 14 years.



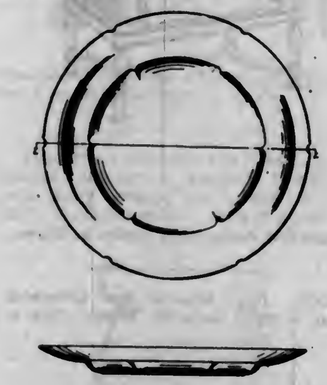
The ornamental design for a wall bracket for birdcages, as shown.

72,523. BURIAL CASKET. ZENE MAULSBY, Everett, Wash. Filed Feb. 24, 1925. Serial No. 12,464. Term of patent 3½ years.



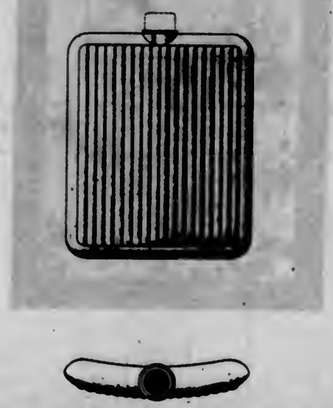
The ornamental design for a burial casket, as shown.

72,524. PLATE OR SIMILAR ARTICLE. THOMAS CLEMENT MERRIMAN, Tunstall, England, assignor to William S. Pitcairn Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 22, 1925, Serial No. 14,847, and in Great Britain July 8, 1925. Term of patent 3½ years.



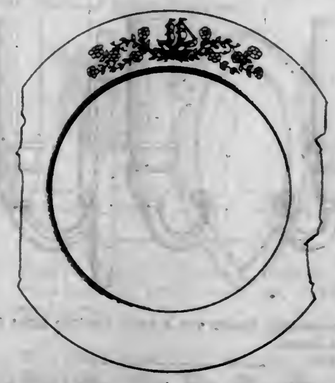
The ornamental design for a plate or similar article as shown.

72,525. POCKET FLASK. HARRY NEUSAUS, New York, N. Y., assignor to E & J Bass, Incorporated, a Corporation of New York. Filed Apr. 11, 1922. Serial No. 1,691. Term of patent 3½ years.



The ornamental design for a pocket flask substantially as shown and described.

72,526. PLATE OR SIMILAR ARTICLE. MAX J. PALM, Jr., Cincinnati, Ohio. Filed Nov. 10, 1926. Serial No. 19,661. Term of patent 3½ years.



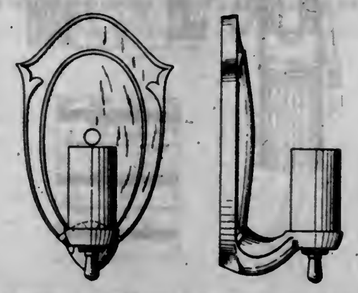
The ornamental design for a plate or similar article, as shown and described.

72,527. DOLL. CAROLINE A. PETERS, Los Angeles, Calif. Filed Feb. 7, 1927. Serial No. 20,643. Term of patent 3½ years.



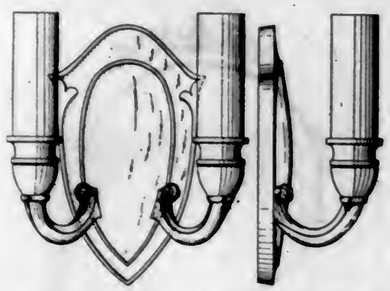
The ornamental design for a doll as shown.

72,528. SINGLE ELECTRIC-LIGHT BRACKET FIXTURE. CEPHAS B. ROGERS, Danbury, Conn. Filed Jan. 4, 1927. Serial No. 20,274. Term of patent 3½ years.



The ornamental design for a single electric light bracket fixture, as shown.

72,529. TWIN ELECTRIC-LIGHT BRACKET FIXTURE. CEPHAS B. ROGERS, Danbury, Conn. Filed Jan. 4, 1927. Serial No. 20,275. Term of patent 3½ years.



The ornamental design for a twin electric light bracket fixture, as shown.

72,530. LINING PAPER OR SIMILAR ARTICLE. WILLIAM SCHMITZ, Newark, N. J., assignor to C. R. Whiting Co., a Copartnership composed of Victor Friedlander and Frank V. Friedlander, Newark, N. J. Filed Nov. 27, 1926. Serial No. 19,864. Term of patent 3½ years.



The ornamental design for lining paper or similar article as shown.

72,531. DRESS. MAUDE SIEGEL, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Feb. 28, 1927. Serial No. 20,922. Term of patent 3½ years.



The ornamental design for a dress, substantially as shown.

72,532. HEATER. RICHARD W. SPAKE, Quincy, Ill., assignor to Comstock-Castle Stove Company, Quincy, Ill., a Corporation of Illinois. Filed Feb. 25, 1927. Serial No. 20,901. Term of patent 14 years.



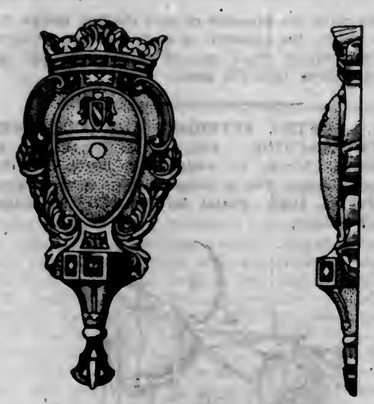
The ornamental design for a heater, as shown.

72,533. RUG. JULIA STABLER, New Brunswick, N. J. Filed Mar. 4, 1927. Serial No. 20,963. Term of patent 7 years.



The ornamental design for a rug substantially as shown.

72,534. BACKPLATE FOR BRACKET LIGHTING FIXTURES OR SIMILAR ARTICLES. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Harry Hilfman, New York, N. Y. Filed Feb. 24, 1927. Serial No. 20,881. Term of patent 3½ years.



The ornamental design for a backplate for bracket lighting fixtures or similar articles, as shown.

72,535. ARM FOR LIGHTING FIXTURES OR SIMILAR ARTICLES. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Harry Hilfman, New York, N. Y. Filed Feb. 24, 1927. Serial No. 20,885. Term of patent 3½ years.



The ornamental design for an arm for lighting fixtures or similar articles, as shown.

72,536. ESCUTCHEON PLATE FOR LIGHTING FIXTURES OR SIMILAR ARTICLES. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Harry Hilfman, New York, N. Y. Filed Feb. 24, 1927. Serial No. 20,886. Term of patent 3½ years.



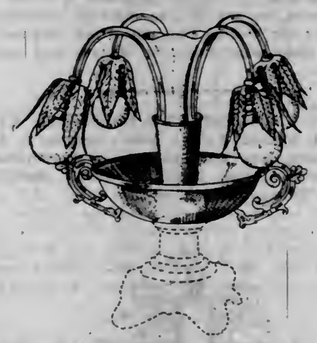
The ornamental design for an escutcheon plate for lighting fixtures or similar articles, as shown.

72,537. DISPLAY RACK. CLYDE E. WATSON, Appleton, Wis. Filed Dec. 27, 1926. Serial No. 20,163. Term of patent 3½ years.



The ornamental design for a display rack, as shown.

72,538. LIGHTING FIXTURE. JOSEPH ZWEIG, Brooklyn, N. Y. Filed Oct. 7, 1926. Serial No. 19,261. Term of patent 3½ years.

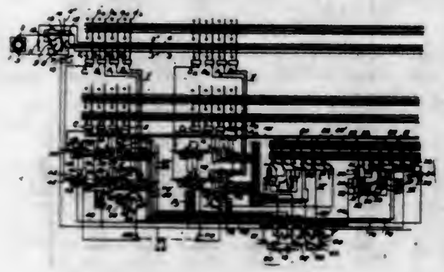


The ornamental design for a lighting fixture, as shown.

PATENTS

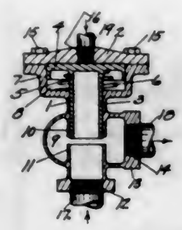
GRANTED APRIL 26, 1927.

1,625,779. ELECTROMECHANICALLY-CONTROLLED TELEPHONE SYSTEM. FRITZ ALDENDORFF, Berlin-Wilmersdorf, Germany, assignor of one-fourth to Paul Kollsch, New York, N. Y. Filed Aug. 26, 1921, Serial No. 495,723, and in Austria Sept. 8, 1918. 32 Claims. (Cl. 179—18.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



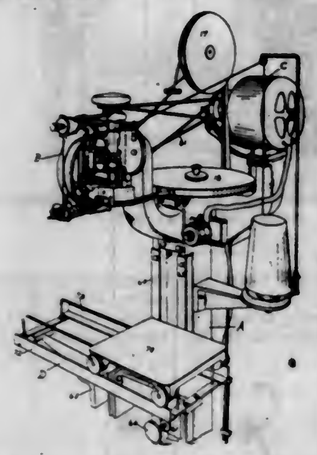
1. In a telephone system, lines, calling means, calling-line-marking-switches for electrically indicating that a line is calling, switches for electrically marking wanted lines, calling-line-connecting-switches for connecting to calling lines, wanted-line-connecting-switches for connecting to wanted lines, a switch common to a group of calling line marking switches and adapted to set the calling line connecting switches onto the calling lines marked by the calling-line-marking-switches, and a switch common to a group of wanted line marking switches and adapted to set the wanted line connecting switches onto the wanted lines marked by the wanted line marking switches.

1,625,780. DIFFERENTIAL-PRESSURE VALVE. CHARLES H. ATKINS, Palmer, Mass., assignor to Atkins and Company, Inc., Palmer, Mass., a Corporation of Massachusetts. Filed Nov. 28, 1925. Serial No. 71,968. 8 Claims. (Cl. 137—103.)



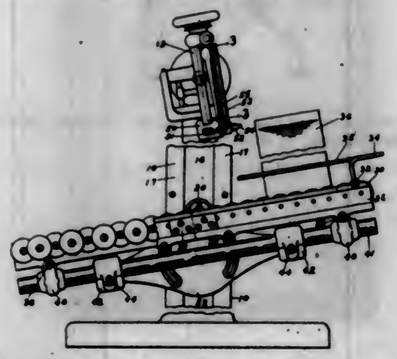
1. A valve, of the class described, comprising a casing having oppositely-disposed inlets and an intermediate outlet, a passage between one of said inlets and said outlet, and a chamber into which the other of said inlets opens, a valve member arranged in said casing to open and close said passage, provided with a part in and coextensive in area with that of said chamber, yielding means to retain said valve member in open position, except when the pressure on the closing side of said valve member falls below the pressure on the other side thereof together with the pressure of said yielding means, and means to relieve the pressure in said chamber, the latter being closed except when one of said inlets and said relief means open into the same.

1,625,781. SEWING, SEVERING, AND SEAM-REENFORCING MACHINE. ADELMER M. BATES and ALBERT KRASA, Chicago, Ill., assignors to Bates Valve Bag Company, Chicago, Ill., a Corporation of West Virginia. Filed Feb. 1, 1923. Serial No. 616,372. 20 Claims. (Cl. 112—122.)



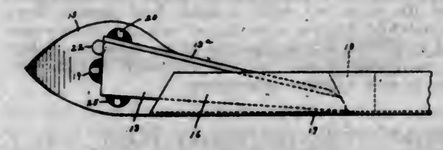
1. In a sewing machine, a feed dog carrier having therein a slideway, a cutter bar mounted in the slideway, and means to reciprocate the bar in the slideway.

1,625,782. BAG-SEWING MACHINE. ADELMER M. BATES and JOHANN E. DANCKER, Chicago, Ill., assignors to Bates Valve Bag Company, Chicago, Ill., a Corporation of West Virginia. Filed Apr. 23, 1924. Serial No. 708,363. 14 Claims. (Cl. 112—11.)



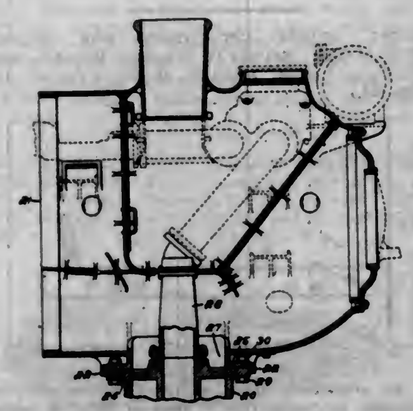
5. In apparatus for closing the mouths of filled bags, a gravity conveyor inclined at substantially the critical angle and a sewing head overhanging the conveyor and having a feeding device with a line of feed parallel with the conveyor.

1,625,783. PILE WIRE. JAMES BAGLEY, Bedford, Mass., assignor, by mesne assignments, to Alice L. Pfeiffer, Bedford, Mass. Filed Dec. 11, 1925, Serial No. 74,742. Renewed July 21, 1926. 9 Claims. (Cl. 139—44.)



1. A pile wire including a body portion, a blade, and a blade holder fixed to the body portion, said holder comprising opposed jaws yieldingly grasping the sides of the blade, and permitting lateral displacement of the outer end portion thereof, and a plurality of abutments collectively preventing endwise and edgewise movements of the blade interposed between the jaws, said abutments including an outer abutment for the outer end of the blade, and a holding-down abutment for the outer end portion of the blade, both carried by one of the jaws, the arrangement being such that lateral displacement of the outer end portion of the blade disengages it from the outer and holding-down abutments, and permits the removal of the blade from the holder.

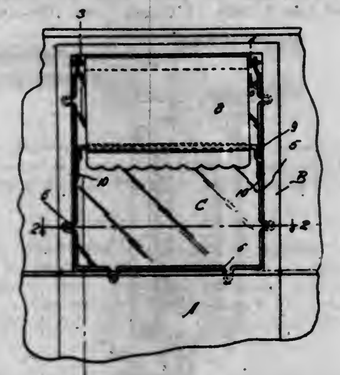
1,625,784. LOCOMOTIVE SMOKE-BOX AND SADDLE CONSTRUCTIONS. WILLIAM L. BEAN, West Haven, Conn. Original application filed Mar. 5, 1925, Serial No. 13,242. Divided and this application filed Apr. 2, 1926. Serial No. 99,415. 18 Claims. (Cl. 105—44.)



1. In a locomotive, the combination of a cylinder saddle and a smoke-box interengaging with each other and held against relative displacement in a horizontal direction by reason of their interengagement, and means rigidly attaching said smoke-box to said saddle.

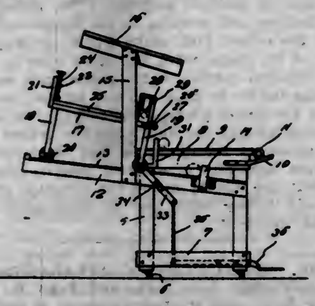
1,625,785. AWNING FOR AUTOMOBILE DOORS. GILBERT V. BLACKFORD, Independence, Kans., assignor of one-half to William R. Hobbs, Independence, Kans. Filed July 3, 1926. Serial No. 120,865. 3 Claims. (Cl. 156—15.)

1. In an awning construction for automobile doors, wherein the same includes a window frame, the sides and bottom of which are channeled, a relatively U-shaped wire frame adapted for removable disposition within the window frame of the door, outwardly extending tongues formed on the arms and base portion of the U-shaped



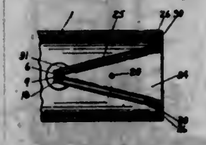
frame and adapted to fit in the channeled sides and bottom respectively of the window frame, and a curtain supported in the U-shaped frame.

1,625,786. MATRIX-MAKING MACHINE. BEN CLIFFORD BLACKMON, Dallas, Tex. Filed Oct. 12, 1925. Serial No. 62,038. 14 Claims. (Cl. 154—1.)



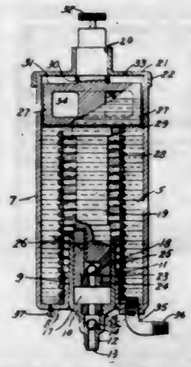
1. In a device for making matrices with a hand roller, a supporting structure, a top on the supporting structure, an inclined track way on the supporting structure, a truck movable on said track way, means for normally holding said truck in its rearmost position, brackets extending from the truck so that it may be pushed to its rearmost position by the hand roller, and a shelf supported above the truck on the supporting structure.

1,625,787. CARBURETOR. CHESTER H. BRASELTON, Toledo, Ohio, assignor to The Tillotson Manufacturing Co., Toledo, Ohio, a Corporation of Ohio. Filed Feb. 24, 1919. Serial No. 278,743. 9 Claims. (Cl. 261—62.)



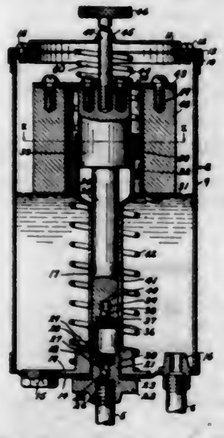
1. In a carburetor, a fuel nozzle, a choke tube section provided with a plurality of leaf springs which are secured at one end to said section, and having their free ends converging toward the fuel nozzle, said springs decreasing in thickness towards their free ends.

1,625,788. VIBRATION-OPERATED PUMP. CHESTER H. BRASELTON, New York, and FRED B. MACLAREN, Malba, N. Y.; said MacLaren assignor to said Braselton. Filed Jan. 27, 1922. Serial No. 532,193. Renewed Aug. 7, 1924. 7 Claims. (Cl. 103—28.)



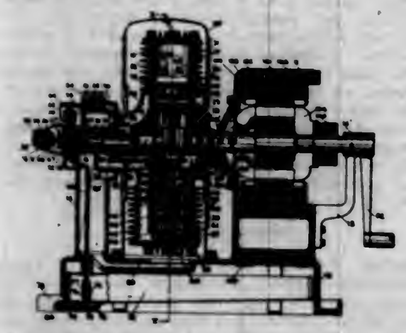
1. The combination of a hollow tank adapted to be subjected to vibration; a tank of lower level; a pump chamber within the hollow tank; a relatively heavy piston working in the pump chamber and projecting upwardly therefrom; means for supporting the piston upwardly in a yielding manner against gravity so that when the hollow tank is vibrated vertically the inertia of the piston will cause relative movement between it and the tank; and an enlarged portion on the piston above the pump chamber and working in the liquid containing portion of the hollow tank and adapted to dampen the operation of the piston when the liquid rises to the surface of the enlarged portion of the piston, said enlarged portion being lighter in mass per unit volume than the other parts of the piston whereby the buoyancy of said portion when submerged in the liquid tends to relieve the weight of the piston on the spring so that the latter will push the piston upwardly to elevated position to its uppermost limit and thereby reduce the vibration of the piston when said hollow tank has an abnormally high level of liquid therein.

1,625,789. LIQUID-PUMPING APPARATUS. CHESTER H. BRASELTON, New York, and FRED B. MACLAREN, Malba, N. Y.; said MacLaren assignor to said Braselton. Filed Feb. 18, 1922. Serial No. 537,584. Renewed Aug. 19, 1926. 7 Claims. (Cl. 103—208.)



1. In a fuel feed apparatus for automotive vehicles, a high level tank, a pump cylinder within and attached to said tank, a conduit leading from the bottom of said cylinder to a source of fuel supply, a pump discharge passage connecting said cylinder and tank, a piston in said cylinder possessing relatively high inertia, yieldable means tending to hold said piston and cylinder in predetermined relative positions, said cylinder having an enlargement near its upper end with a small fluid passage therethrough and said piston having an enlarged portion movable within the enlarged portion of the cylinder, whereby the movement of the piston is dampened as liquid collects in said cylinder enlargement.

1,625,790. TWO-CYCLE ROTARY PLANT. CARL P. BROCKWAY, Toledo, Ohio, assignor to Industrial Research Corporation, Toledo, Ohio, a Corporation of Delaware. Filed July 27, 1921. Serial No. 487,974. 11 Claims. (Cl. 123—44.)



2. In combination, a rotatable muffler and stationary means for conducting gases from said muffler.

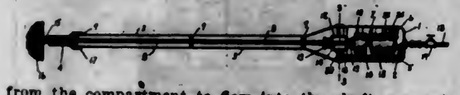
1,625,791. SHIELD ATTACHMENT FOR AUTOMOBILE DOORS. FRANCIS H. CAMPBELL, Brighton, Mass. Filed Aug. 8, 1925. Serial No. 48,989. 2 Claims. (Cl. 296—44.)



1. An attachment shield of the character described comprising, in combination, a sheet of celluloid formed in channel-bar shape and adapted to be slipped over the top edge of an automobile door or the like to protect said top edge and the sides of the door adjacent thereto; a plurality of U-shaped spring strips arranged transversely on the inner side of said celluloid sheet for clamping said shield to the door; cushioning material covering said spring strips and fastening means binding said sheet and spring strips together.

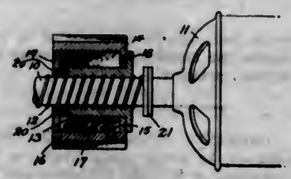
1,625,792. AUTOMOBILE CLEANING DEVICE. JOHN W. CARRINGTON, Cincinnati, Ohio. Filed July 11, 1924. Serial No. 725,399. 1 Claim. (Cl. 15—29.)

A manually supported apparatus for cleaning automobiles and the like, comprising a relatively long narrow rigid tube provided at its rear end with a casing, a light electric motor housed within the casing, a closed compartment arranged in the casing rearwardly of the tube, a pipe extending through the casing for feeding water into said compartment, a rigid hollow shaft journalled in said tube and extending through said compartment and tube, said shaft being driven at its rear end by the motor and having apertures within the compartment to permit water



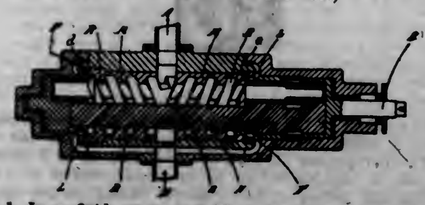
from the compartment to flow into the shaft, a member fixed to the forward end of the shaft and having a rearwardly extending skirt slidably engaging the forward end of the tube to prevent water from the exterior entering said tube, and a cleaning element mounted on the front end of the hollow shaft, adapted to receive water from the latter and to rotate with the shaft.

1,625,793. GAS-ENGINE STARTER. RALPH H. CHILTON, Toledo, Ohio, assignor to Industrial Research Corporation, Toledo, Ohio, a Corporation of Delaware. Filed Nov. 16, 1920. Serial No. 424,451. 4 Claims. (Cl. 74—7.)



1. In an engine starter, the combination of a drive shaft; a sleeve on the shaft having both rotatable and axial movement; a pinion having limited axial and rotatable movement on the sleeve; and a rubber driving connection between the sleeve and pinion, said connection being adapted to hold yieldably the pinion at one limit of its axial movement on the sleeve and forming a driving connection between the sleeve and pinion, and said sleeve having a shorter torque radius than that of the pinion.

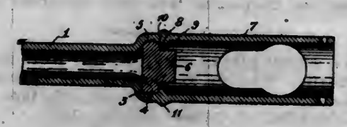
1,625,794. PUMP HAVING ROLLING PISTONS WORKING IN NUTS. PAUL CHRISTLEIN, Nuremberg, and KARL WERNER, Nuremberg-Eibach, Germany. Filed Feb. 21, 1924, Serial No. 694,227, and in Great Britain Oct. 9, 1923. 8 Claims. (Cl. 103—89.)



1. In a fluid pump, a rolling threaded piston, a nut in which the piston rotates, and feed conduits provided at the admission side of the pump, said conduits being constructed to increase the velocity of admission of the fluid to the pump.

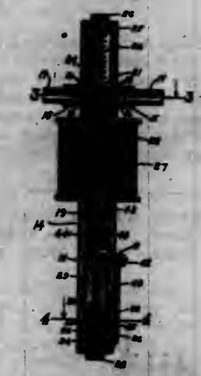
1,625,795. METHOD OF MAKING A DRAG-LINK ELEMENT. FREDERICK C. CRAWFORD, Detroit, Mich., assignor to The Steel Products Company, Cleveland, Ohio, a Corporation of Ohio. Original application filed Jan. 11, 1923, Serial No. 612,143. Divided and this application filed Mar. 15, 1924. Serial No. 699,422. 2 Claims. (Cl. 29—153.)

1. The method of making an element for drag-links or the like, which consists in forming an end-flange upon a body portion of said element; placing in the flange recess an abutment member which is adapted to form an annular space between it and said flange; butt-welding



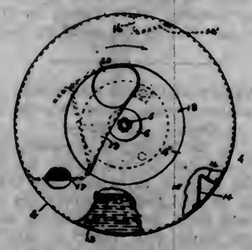
a tubular socket-member to said flange and permitting the intruded metal to engage said abutment member whereby such metal when cool will secure said abutment member in place.

1,625,796. IGNITION-CONTROLLING MEANS. FREDERICK S. DENISON, Minneapolis, Minn., assignor to Minneapolis Heat Regulator Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Dec. 8, 1922. Serial No. 605,736. 8 Claims. (Cl. 158—28.)



1. A device of the class described comprising a cylinder, a pilot pipe connected with the cylinder across its bore, a valve slidable in the cylinder adapted when in one position to interrupt flow through the pipe across the bore, a by-passage in the cylinder connecting the pipe around the bore, a coil embracing the housing adapted when energized to move the valve to open position, said valve on de-energization of the coil being adapted to return to a closed position, and means adjustable to regulate the speed rate of valve return.

1,625,797. MACHINE FOR FRYING PEANUTS AND THE LIKE. ADELARD G. DESCHENES, Lisbon, Me., assignor of one-half to Eugene A. Brunelle, Somersworth, N. H. Filed Feb. 8, 1922, Serial No. 617,673. Renewed Apr. 11, 1924. 13 Claims. (Cl. 53—7.)



1. In a machine for frying shelled nuts and the like, the combination of a rotary drum adapted to contain a quantity of frying fat, means for intermittently discharg-

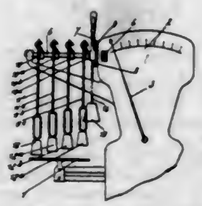
ing into said fat a quantity of nuts, means for rotating said drum to lift said nuts out of the fat, a trough on the interior of said drum for collecting said nuts as the drum turns and discharging them from the drum.

1,625,798. ADVERTISING DEVICE AND REFLECTOR THEREFOR. WILLIAM M. DOERING and CHARLES J. DOERING, Cincinnati, Ohio. Filed Jan. 11, 1924. Serial No. 685,700. 3 Claims. (Cl. 40—129.)



3. A tire advertising device comprising a concave reflector the rim of which extends into the hollow interior of an unmounted tire casing, the tire casing thus supporting the reflector, a light source located within said concave reflector, and a sign disposed across the side of the tire, portions of said sign being more light permeable in order to visually accentuate the advertising display thereon.

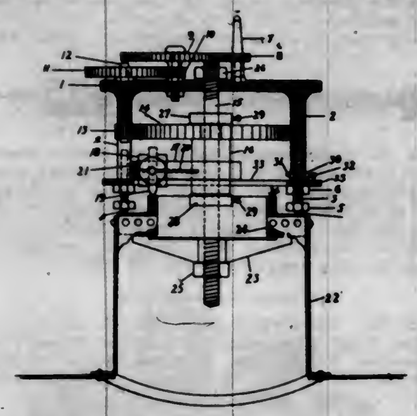
1,625,799. AUTOMATIC WEIGHING MACHINE. PAUL DURAND, Paris, France. Filed June 9, 1923, Serial No. 644,305, and in France May 1, 1923. 1 Claim. (Cl. 265—48.)



In weighing scales, weight depositing means and an indicator of the totals of weights deposited operated thereby; in combination with a plurality of stationary rows of graduations one above the other separate from the aforesaid indicator and corresponding respectively to the different unitary totals, masking means for said rows, means operatively connected with the weight depositing means for automatically moving the masking means up and down in front of said rows of graduations, and a movable pointer adapted to be swung in front of said graduations by operation of the weighing device.

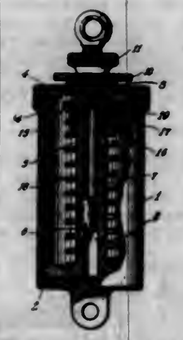
1,625,800. GASKET-SEATING MACHINE. WILLIAM S. EDWARDS, Lockland, Ohio. Filed July 26, 1926. Serial No. 125,116. 9 Claims. (Cl. 82—4.)

9. A device of the character specified, comprising a frame, a shaft mounted in said frame, the lower end of said shaft being adapted to extend into the dome of a tank, standards on said frame whereby the same may be supported on said dome, means carried by said standards for levelling said frame with respect to said dome, means on said shaft for securing said frame to said dome, a tool arm rotatably mounted on said shaft and slidable thereon for adjustment in a vertical plane, means for securing the adjustment of said arm, a tool adjustably mounted in said arm so as to operate on the gasket seat of said dome, a spindle mounted in said frame and arranged to be driven by a portable source of power,



means whereby said spindle is arranged to actuate said arm, and means for automatically adjusting said tool in said arm during operation.

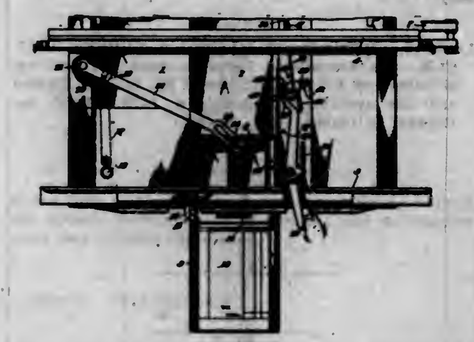
1,625,801. PACKING. ANDREW EKMAN, Grand Rapids, Mich., assignor, by mesne assignments, to Bleick Syndicate, composed of William D. Bleick and D. H. Connor, Newark, N. J., and F. J. Parker and J. J. Harris, Montclair, N. J. Filed Nov. 14, 1921. Serial No. 514,884. 1 Claim. (Cl. 286—30.)



In a device of the character described, the combination with a casing having a piston movable therein and a piston rod passing through one end thereof, of a sheet of metallic packing having its outer edge secured to said casing and having a sleeve portion fitting around said piston rod, a follower on said piston rod having a wedge action on said sleeve and a spring one end of which is in engagement with said follower and the other end of which is in engagement with said piston whereby the pressure of said follower on said sleeve is varied according to the movement of said piston.

1,625,802. TOLL-SLIP PLATEN. HARRY A. FOOTHORAP, Harrisburg, Pa., assignor to Elliott-Fisher Company, New York, N. Y., a Corporation of Delaware. Filed May 14, 1925. Serial No. 30,266. 5 Claims. (Cl. 197—124.)

1. In a machine of the class described, the combination with a support having transverse carriage guides and a platen guideway in right angular relation, of a platen movable in the guideway, a platen retracting arm carried by the support and connected to the platen, a spring for



moving the arm, a platen line spacing mechanism and platen holding and releasing mechanism including a release key located in front of the support.

1,625,803. WATER COOLER AND REFRIGERATING APPARATUS. EDWARD A. HAAS, Los Angeles, Calif., and MACK POSEY, Sand Springs, Okla. Filed July 5, 1923, Serial No. 649,551. Renewed Jan. 25, 1927. 2 Claims. (Cl. 62—142.)



1. A water cooler formed of a single casting and comprising an inner, cylindrical chamber closed at the bottom and open at the top and constituting an ice chamber, the upper face of the bottom being dished and provided with a central drain opening for carrying off the drippage, opposite, upstanding circular flanges formed on said bottom having apertures adapted to be plugged or unplugged, and when unplugged to be put in communication with the interior of an ice box, an annular water chamber surrounding the ice chamber and closed at the top and bottom, means for constantly supplying water thereto, means for drawing off the water when desired, an annular vacuum chamber surrounding the water chamber and closed at each end, and a hollow, vacuum lid hinged to the upper, annular walls of the vacuum and water chambers and having a depending portion for fitting into and closing the ice chamber.

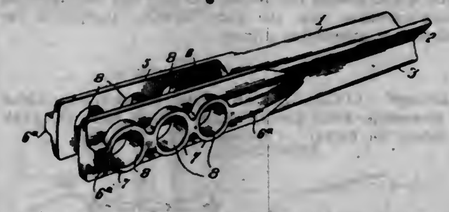
1,625,804. METHOD OF MAKING TRUCK LEVER CONNECTIONS. SOREN HANSSON, Butler, Pa., assignor of one-half to Harry Temple Anderson, Butler, Pa. Filed Nov. 21, 1924, Serial No. 751,314. Renewed Mar. 2, 1927. 4 Claims. (Cl. 29—164.)

1. The method of forming connecting bars which consists in subjecting the end of a metal bar or star cross-section, comprising four substantially equal flanges radiating at right angles with one another from a common center, to an upsetting operation whereby two opposite angles between the flanges are substantially filled with



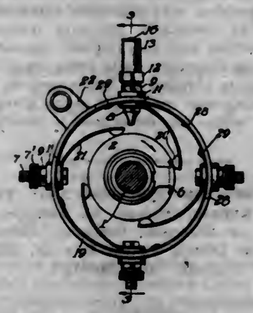
metal, and then subjecting this portion of the bar to a stamping operation directed in the plane of the bisector of the two open angles to form a pair of parallel side members of a clevis.

1,625,805. TRUCK-LEVER CONNECTION. SOREN HANSSON, Butler, Pa., assignor of one-half to Harry Temple Anderson, Butler, Pa. Original application filed Nov. 21, 1924, Serial No. 751,314. Divided and this application filed Jan. 2, 1926. Serial No. 79,013. 4 Claims. (Cl. 74—17.)



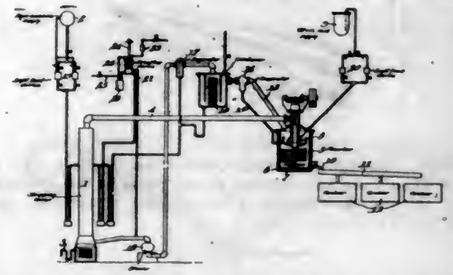
1. A metal connecting bar having a body portion of star cross-section, including four substantially equal flanges radiating from a common center line, and an integral clevis formed at one end of the bar comprising a pair of parallel side members, the center lines of the flanges of the star lying in substantially the same planes as the diagonals of the rectangle outlined by the clevis members.

1,625,806. TIMER. BURTON U. HILLS, Chicago, Ill. Filed Jan. 28, 1922. Serial No. 531,177. 10 Claims. (Cl. 200—19.)



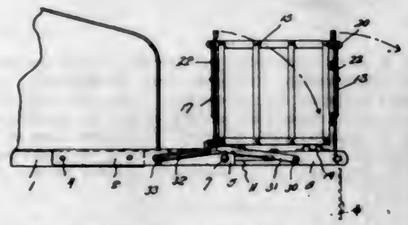
3. In an ignition timer, a casing, a rotor of insulating material having a metallic member on a portion of the periphery thereof, binding posts carried by said casing and insulated therefrom, electrical contact members carried by said binding posts and adapted to intermittently engage said metallic member of the rotor, one of said binding posts having an oil duct therethrough, means for lubricating said rotor through said duct, and means for yieldably maintaining said oil duct normally closed at the exterior.

1,625,807. PROCESS FOR THE MANUFACTURE OF AMMONIUM NITRATE. HENRY HOWARD, Cleveland, Ohio, assignor to The Grasselli Chemical Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 26, 1926. Serial No. 111,838. 6 Claims. (Cl. 23—103.)



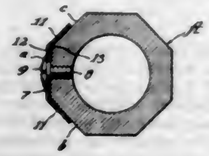
1. Process of making ammonium nitrate which comprises contacting an inert gas with a water solution of ammonia, contacting the resulting mixture of inert gas and ammonia with a solution containing ammonium nitrate, adding nitric acid to the solution of ammonium nitrate and reusing the unabsorbed inert gas for conveying more ammonia from the water solution thereof to the solution of ammonium nitrate.

1,625,808. LUGGAGE CARRIER. JOHN HYDE, Albion Township, Reno County, Kans. Filed Nov. 14, 1925. Serial No. 69,141. 7 Claims. (Cl. 224—29.)



1. A luggage carrier comprising a frame, and a foldable receptacle carried by and adjustable relative to the frame from a working position to a vertical or substantially vertical position with a portion below the point of suspension of the receptacle, the said receptacle being made up of a bottom wall and hingedly connected upright walls, and the said upright walls being capable of being folded precedent to shifting of the receptacle to upright position and being also capable of being restored to upright position when the receptacle is positioned horizontally.

1,625,809. CLIP FOR PENCILS AND THE LIKE. CHARLES R. KEEHAN, Chicago, Ill., assignor, by mesne assignments, to Autopoint Company, Chicago, Ill., a Corporation of Illinois. Filed May 24, 1924. Serial No. 716,839. 1 Claim. (Cl. 24—11.)



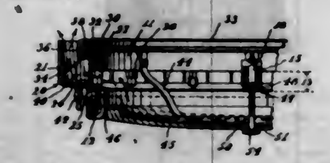
The combination with a pencil body of polygonal cross section of a clip comprising an attaching head and a spring prong, said head being angularly shaped to correspond to the contour of the pencil body and to overlie and contact with a plurality of faces of said polygonal body, and a single screw for connecting the clip head to the body.

1,625,810. METHOD OF MAKING A RUBBER ARTICLE. ORA KRICHBAUM, Delaware, Ohio. Original application filed Feb. 27, 1925, Serial No. 12,044. Divided and this application filed July 6, 1926. Serial No. 120,624. 4 Claims. (Cl. 18—56.)



1. The method of manufacturing a rubber article which consists of taking two sheets of raw rubber of desired size and a sheet of raw rubber of smaller size, placing separating sheets of suitable material formed with holes therein upon opposite sides of the sheet of raw rubber of smaller size, then placing the said sheet of rubber with the separating material assembled with respect thereto between the two sheets of rubber and vulcanizing the assembled sheets.

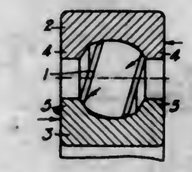
1,625,811. BANJO. WILLIAM L. LANGE, New York, N. Y. Filed Nov. 11, 1922. Serial No. 600,879. 25 Claims. (Cl. 84—276.)



5. A sound instrument comprising a frame provided with upper lateral sound outlets near the upper edge of the frame and intermediate sound outlets about midway between the upper and lower edges; and establishing free communication between the interior of the instrument and the exterior atmosphere; a diaphragm tensioned over said frame and terminating in a flesh hoop; a tension ring on said hoop spaced from said upper outlets and extending below said upper outlets; and a sound deflector having a base secured around said frame at the lower part of said intermediate outlets and having an upwardly extended outer flange spaced from and extending above the lower part of said tension ring.

1,625,812. ROLLER BEARING FOR RADIAL AND AXIAL LOADS. KARL OSKAR LEON, Lidkoping, Sweden. Filed Sept. 9, 1925, Serial No. 55,282, and in Sweden Mar. 28, 1925. 2 Claims. (Cl. 308—212.)

1. Roller bearing for axial and radial loads, comprising inner and outer race rings having concave races, rollers between said race rings having convex mantle surface and tapered end surfaces, said rollers being adapted to adjust themselves into oblique positions when the bearing is subjected to axial load, and rigid flanges



at the sides of the inner and outer races adapted to limit the oblique positioning of the rollers and to transfer axial load through the rollers.

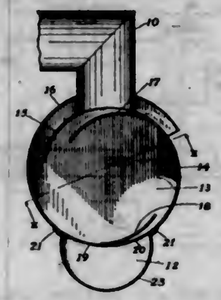
1,625,813. [WITHDRAWN.]

1,625,814. [WITHDRAWN.]

1,625,815. PAINT COMPOSITION. JOHN WILKERSON LOWMAN, Chattanooga, Tenn. Filed May 22, 1925. Serial No. 32,189. 1 Claim. (Cl. 134—46.)

A paint comprising 80 per cent of a filler such as white lead, 10 per cent of calcium sulphate, 10 per cent of sodium silicate, and sufficient water for rendering the paint workable with a brush or spray.

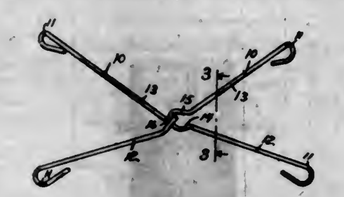
1,625,816. AIR CLEANER. CLYDE C. MANCHESTER, Toledo, Ohio, assignor to Industrial Research Corporation, Toledo, Ohio, a Corporation of Delaware. Filed Feb. 21, 1920, Serial No. 360,507. Renewed Sept. 10, 1926. 15 Claims. (Cl. 183—80.)



1. In an air cleaner, a separating chamber substantially helical in cross section with its axis horizontal, whereby spaced overlapping walls are provided upon the upper side of the chamber, an air offtake pipe extending through said overlapping walls, said chamber having a dust exit opening along the lower portion thereof, and a dust box depending from said chamber around said opening.

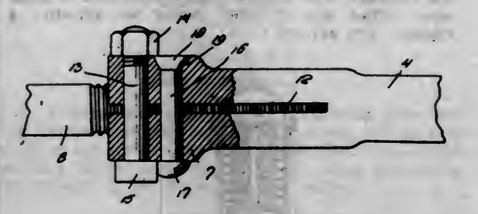
1,625,817. BED BOTTOM. FREDERICK C. MARQUARDT, Milwaukee, Wis. Filed Dec. 31, 1924. Serial No. 759,002. 1 Claim. (Cl. 5—259.)

Means for flexibly inter-connecting the units of a coil spring assembly of the class described, comprising substantially V-shaped links inter-engaged at their apices and having their free ends in connection with adjacent coils, the apices of said links being substantially blunt and having circumflex bends whereby the sections of the links immediately adjacent their point of contact are oblique relative to the normal common plane of the links and at substantially right angles to each other, thus adapting the links for comparatively large relative angu-



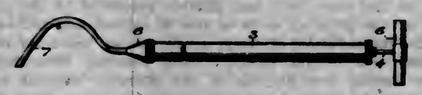
lar or turning movement in any direction from their normal plane and enhancing the free movement of the individual inter-connected coils.

1,625,818. TURNBUCKLE. ROBERT C. MCARTHUR, Salamanca, N. Y., assignor to Walter O. Fredrikson, A. Edward Krieger, and Robert C. McArthur, trustees, Salamanca, N. Y., constituting McArthur Turnbuckle Company. Filed Nov. 11, 1925. Serial No. 68,432. 5 Claims. (Cl. 287—60.)



1. A turnbuckle comprising a yoke, the ends thereof being provided with threaded bores, the yoke being split longitudinally at each end portion, the slits extending through the respective threaded bores, a pair of oppositely threaded rods receivable in the respective bores, and a tightening bolt extending transversely through each of the slit portions of the yoke, and means for limiting the lateral expansion of the split portions of the yoke should the tightening bolt become disengaged from the split portion of the yoke.

1,625,819. GREASE GUN. FRED W. MCNEELY, Evansville, Ind. Filed Oct. 25, 1924. Serial No. 745,894. 2 Claims. (Cl. 221—47.3.)

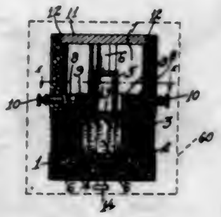


1. A portable grease gun having a barrel, a reciprocatory combined suction and pressure piston movable within the barrel, manual means for reciprocating the piston, and an elongated, arc-shaped, nozzle rigid throughout its length connected to one end of the barrel.

1,625,820. ELECTROMAGNETIC SWITCH. EARL P. OSWALD, Detroit, Mich., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed Mar. 13, 1920. Serial No. 365,616. 5 Claims. (Cl. 200—112.)

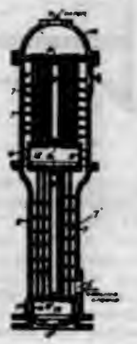
1. In a solenoid magnet, a body having a central chamber, a body of mercury in the chamber, a soft iron core

sustained in normal position by the mercury, said core having a hollow longitudinal chamber, a threaded plug closing the chamber and adapted to be turned to a greater or less extent into the chamber to vary the buoy-



ancy of the core, and a coil of a predetermined number of turns about the lower end of the body, the center of which is below the center of the core when in normal position, the buoyancy of the core determining the amperage of current required to actuate the same.

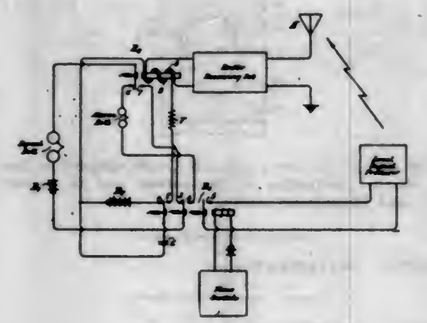
1,625,821. SUBCOOLING CONDENSER. ROBERT JEWETT PABODIE, Maywood, Ill., assignor to The Griscom Russell Company, New York, N. Y., a Corporation of Delaware. Filed May 5, 1921. Serial No. 467,010. 4 Claims. (Cl. 257—32.)



1. In a sub-cooling condenser, a casing comprising a plurality of sections, a longitudinal passage for the vapor and condensate extending through said sections, said passage comprising a group of straight tubes in each of the respective sections, said tubes being attached to the casing at one point only and slidably supported in the casing at one point so as to be free to expand and contract under the influence of temperature change, the cross sectional area of the passage being constant throughout each section but varying in the different sections approximately inversely as the density of the medium being conveyed.

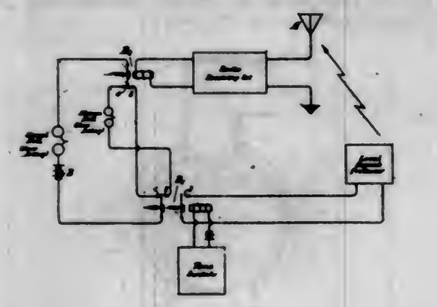
1,625,822. RADIO RECEIVER AND TROUBLE ALARM. RALPH K. POTTER, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed July 15, 1926. Serial No. 122,686. 3 Claims. (Cl. 250—20.)

1. In association with a radio receiving set responsive to distant and local signals, a signal annunciator, means for actuating said signal annunciator in response to distant signals, means for announcing an alarm, a signal producer designed to transmit a local signal to the receiving set, means for periodically setting in operation said signal producer and simultaneously therewith rendering said alarm announcing means temporarily inoperative, and means for maintaining the inoperative condition of



the alarm announcing means if the receiving set is operative and for destroying said condition and operating said means if the receiving set is inoperative.

1,625,823. RADIO RECEIVER AND TROUBLE ALARM. RALPH K. POTTER, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed July 15, 1926. Serial No. 122,687. 3 Claims. (Cl. 250—20.)

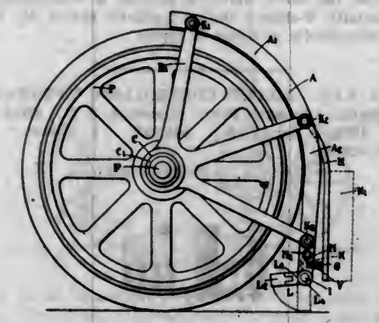


1. In association with a radio receiving set, a signal producer designed to transmit a local signal to the receiving set, a normally open circuit, a slow acting annunciator therein, means for periodically setting in operation said signal producer and simultaneously therewith closing the circuit through said annunciator, and means—responsive to the local signal when the receiving set is in operative condition—for re-opening said circuit.

1,625,824. GUARD FOR THE WHEELS OF VEHICLES. WILLIAM DOCKRAY RATCLIFF, London, England, assignor to Inventors' Trading Company, Limited, London, England. Filed Aug. 27, 1924, Serial No. 734,495, and in Great Britain Aug. 27, 1923. 8 Claims. (Cl. 293—58.)

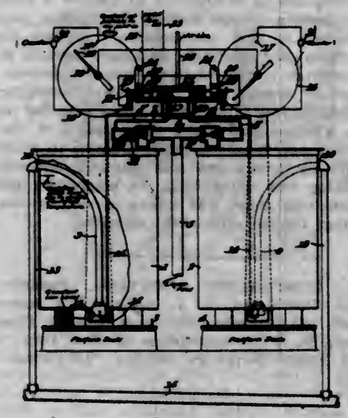
1. A wheel guard comprising a member adapted to extend in front of the wheel with its lower end spaced from the surface over which the wheel passes, a second member

connected directly to the first mentioned member for swinging movement, means for normally holding the sec-



ond mentioned member at an angle to the first mentioned member, and means for releasing the second mentioned member so that it may swing into vertical position.

1,625,825. LIQUID-WEIGHING APPARATUS. JASPER M. ROWLAND, Niagara Falls, N. Y., assignor to Hooker Electrochemical Company, New York, N. Y., a Corporation of New York. Filed Aug. 2, 1926. Serial No. 126,657. 6 Claims. (Cl. 249—26.)

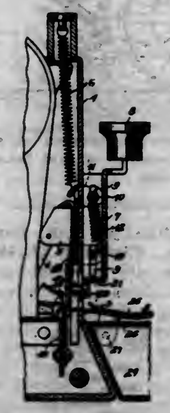


1. Automatic liquid weighing apparatus comprising a tank located on a scale platform, a siphon outlet for said tank and having its upper bend located above the highest level reached by liquid within said tank, a gas pipe entering said siphon for initiating the discharge flow therethrough, and means operable when a predetermined weight of liquid has been introduced into said tank for delivering gas through said pipe to start said siphon.

1,625,826. MANUFACTURE OF VAT DYESTUFFS. MAXIMILIAN PAUL SCHMIDT, Biebrich-on-the-Rhine, Germany, assignor, by mesne assignments, to Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed Nov. 20, 1923, Serial No. 675,932, and in Germany Nov. 25, 1922. 3 Claims. (Cl. 260—124.)

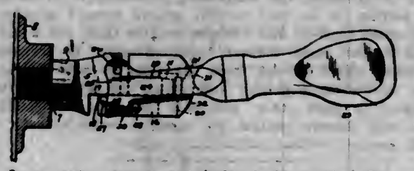
2. As a new product the vat dyestuff substantially identical with the product obtained by an alkaline fusion of the methoxynaphthalene 1.8-dicarboxylic-acid-di-imide which most probably is a mixture of isomeric dimethoxy perylene-tetracarboxylic-acid-di-imides, which is a black powder with a metallic luster forming with an alkaline hydrosulphite solution a blue vat, from which cotton and wool are dyed blue shades.

1,625,827. STAMP-DISPENSING MACHINE. WILLIAM F. SCHWEIGER, Rochester, N. Y., assignor to Multiposter Company, Incorporated, Rochester, N. Y., a Corporation of New York. Filed Nov. 19, 1924. Serial No. 750,952. 3 Claims. (Cl. 211—33.)



1. A stamp dispensing machine comprising strip feeding instrumentalities, stamp severing means, and an actuating device for the feeding instrumentalities and stamp severing means, said actuating device being movable independently of the stamp severing means.

1,625,828. WATER GAUGE FOR BOILERS. JOHN C. SHAFFER and LYNN S. MANKIN, Tulsa, Okla., assignors to Tulsa Valve Company, Tulsa, Okla. Filed Oct. 29, 1926. Serial No. 144,993. 7 Claims. (Cl. 251—147.)

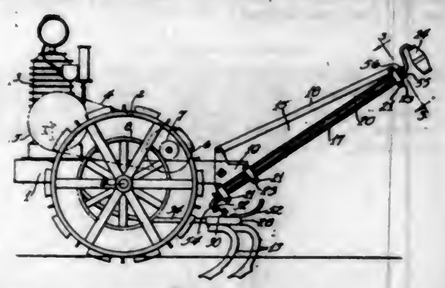


1. In a water gauge, a tubular body portion for connection with a boiler, said tubular body portion having a tubular stem provided with an outlet opening at its free end, a reciprocatory housing mounted to slide upon the tubular stem and having a laterally extending outlet opening, said housing being provided at its outer end with a cam face and having a seating part to engage with the outlet end of the tubular stem, a handle provided at its forward end with a pair of spaced arms and having a cam face between the arms for contact with the cam face of the housing, said arms being provided at their forward ends with transverse heads extending above and below the same, means for pivotally connecting the upper ends of the transverse heads with the body portion, and shifting elements carried by the housing and arranged forwardly and rearwardly of the lower ends of the transverse heads to contact therewith.

1,625,829. GARDEN CULTIVATOR. STANLEY W. SHAW, Galesburg, Kans. Filed Sept. 5, 1925. Serial No 54,748. 1 Claims. (Cl. 97—48.)

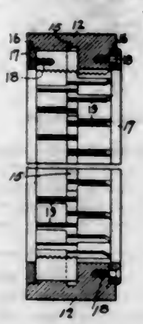
A device of the type described comprising a two-wheeled motor-propelled frame, beams laterally swing-

able relative thereto, axially rotatable guiding handles mounted on the frame and extending upwardly and rear-



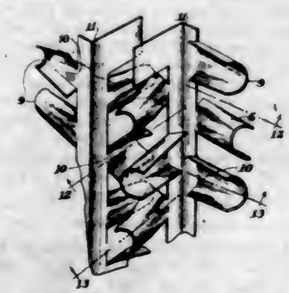
wardly, and a connection between each handle and a beam for lateral movement of said beam upon rotation of the respective handle.

1,625,830. PIPE-THREADING DIE. HOWARD W. SMITH, Ellwood City, Pa. Filed May 28, 1923. Serial No. 641,987. 3 Claims. (Cl. 10—120.)



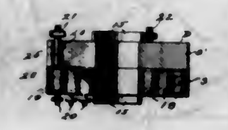
2. A threading die comprising a circularly curved holder having an internal central groove formed parallel to the sides thereof, and chasers shorter than the width of said holder, said chasers being disposed in transverse grooves which extend from the sides of said holder to the said central groove and which are staggered with respect to each other, and side members for clamping the said chasers against the opposite walls of said central groove.

1,625,831. APPARATUS AND PROCESS FOR LEACHING, FILTERING, AND ABSORBING GASES AND THE LIKE. HAROLD M. STARK, Highland Park, Mich. Filed Feb. 24, 1923. Serial No. 620,926. 14 Claims. (Cl. 183—4.)



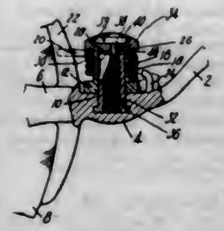
1. In a gas filter, a pair of filter plates arranged in spaced relation side by side and baffles extending from each of said plates toward the other plate, the baffles of one plate being closely spaced with respect to the baffles of the other plate to provide a multiplicity of substantially V-shaped linear capillary spaces for holding a multiplicity of drops of liquid.

1,625,832. CIRCUIT-CONTROLLING APPARATUS. MITCHELL AUGUSTUS STEIN, Anderson, S. C. Filed Feb. 15, 1921. Serial No. 445,227. 1 Claim. (Cl. 173—324.)



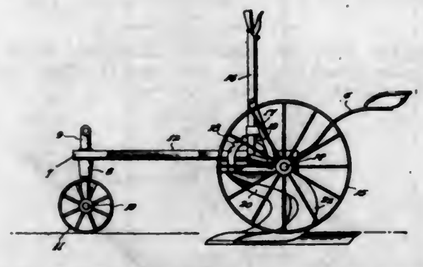
An electrical distributer comprising an element composed of a pair of sections to fit around a relatively movable portion of a steering mechanism, clamping means carried by said sections to fix the element upon said portion, a plurality of contactors carried by said element, being insulated therefrom and being situated in different radial and circumferential positions in respect to said movable steering mechanism portion, said contactors having means for the attachment of wires, a complementary element composed of sections to fit around a relatively stationary portion of said steering mechanism, clamping means carried by said complementary element for securing it upon said relatively stationary portion in confronting position to the relatively movable element, said complementary element being composed of concentric conducting rings having intermediate and separating insulating rings which extend above the surfaces of the conducting rings providing concentric journals in which the ends of the contactors run, said relatively movable elements bearing and riding upon the upstanding portions of the insulating rings, and means carried by the conducting rings for the attachment of wires.

1,625,833. OPHTHALMIC MOUNTING. FREDERICK A. STEVENS, Providence, R. I., assignor, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed Aug. 21, 1922. Serial No. 583,204. 13 Claims. (Cl. 88—50.)



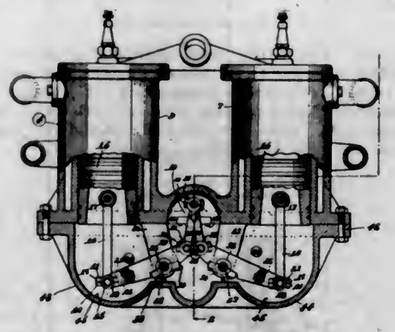
1. An eyeglass mounting having, in combination, a support having rigidly secured thereto a post the free end of which is provided with teeth, and a cap mounted upon the post having teeth engaging the teeth of the post, and a guard having a sleeve freely mounted about the post between the support and the cap.

1,625,834. CULTIVATOR. GLENN W. STILGENBAUER, Shepherd, Mich. Filed Sept. 30, 1926. Serial No. 138,733. 2 Claims. (Cl. 97—206.)



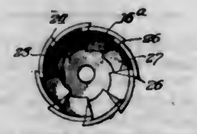
1. In an implement of the character specified, a standard enlarged at its lower end to provide a seat which is convex upon its top side, a blade mounted upon the seat and adjustable to admit of its pitch being varied and means for securing the blade to its seat.

1,625,835. INTERNAL-COMBUSTION ENGINE. O. D. SUTTON and CLYDE E. KENDALL, Chicago, Ill. Filed Mar. 14, 1925. Serial No. 15,484. 7 Claims. (Cl. 123—54.)



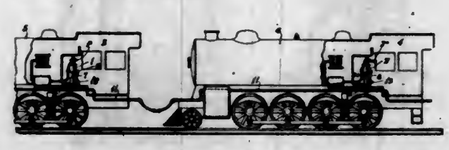
4. In combination, a casing having a pair of cylinders, pistons reciprocatory therein, a crank shaft supported by the casing in a plane midway between the cylinders, portions depending from the casing and terminating on opposite sides of said midway plane, fulcrum shafts mounted in said depending portion, rocking levers on said shafts, connecting rods connecting the outer ends of said rocking levers with said pistons, pitmen connecting the inner ends of said rocking levers with the crank of said crank shaft, substantially as described.

1,625,836. CUTTING TOOL. ARTHUR G. TANGUAY, Chicago, Ill., assignor, by direct and mesne assignments, to Badger Tool & Mfg. Co., a Corporation of Illinois. Filed Sept. 5, 1925. Serial No. 54,839. 11 Claims. (Cl. 29—103.)



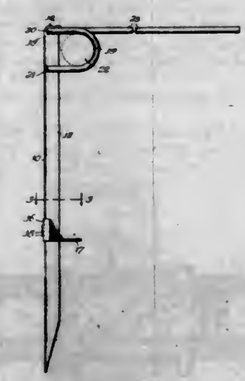
1. A cutting tool comprised of a member having a plurality of radially arranged elements, the longitudinally disposed edges of one of said elements being arranged at one side of the longitudinal adjacent edge of another element to thereby produce cutters of the opposite longitudinal edges of each element.

1,625,837. NONRETURN CHECK VALVE FOR BRAKE SYSTEMS CONNECTING A PLURALITY OF ENGINES. CHARLES RAYMOND WHITACRE, Cincinnati, Ohio. Filed May 3, 1926. Serial No. 106,400. 4 Claims. (Cl. 303—14.)



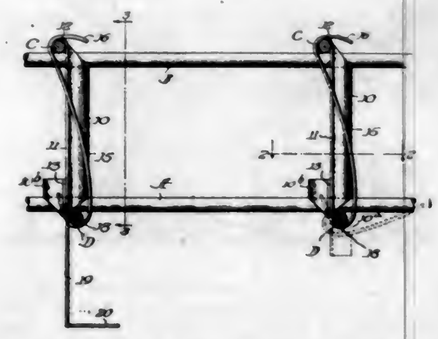
3. In means of the character described, braking apparatus, a main air brake pipe communicating with said braking apparatus, an automatic brake valve for each engine, a brake pipe communicating from said main brake pipe to each automatic brake valve, and a non-return check valve interposed between each automatic brake-valve and said main brake valve comprising a valve body having a central vertical opening therethrough, the outer ends of which are internally threaded to receive the ends of brake pipe and said body having a horizontal tapered opening intersecting said vertical opening, a tapered bushing in said horizontal opening, a tapered plug in said bushing, a hand lever on the reduced end of said plug and having an opening therethrough adapted to register with said vertical opening and having a reduced opening thereon parallel with said opening and adapted to aline with said vertical reduced openings in said check-valve or be closed therewith, according to the position of said hand lever and said plug having a transversely disposed hole in its large end with passageways through said body connecting said hole with said vertical opening and means inserted in said passageway whereby the flow of air can go in one direction only, substantially as set forth.

1,625,838. SUPPORT AND SPACER FOR BARS. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Company, Chicago, Ill., a Corporation of Delaware. Filed Apr. 5, 1926. Serial No. 99,913. 9 Claims. (Cl. 94—8.)



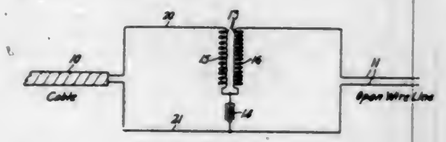
1. In a device of the class described, the combination of a stake of generally channel form in cross section, and a separate hook composed of wire pivoted for movement transversely across the vertical axis of the stake with the pivot of the hook near the top of the stake.

1,625,839. JUNCTION CLIP AND SPACER FOR REENFORCEMENTS. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Company, Chicago, Ill., a Corporation of Delaware. Filed Dec. 6, 1926. Serial No. 152,893. 6 Claims. (Cl. 94—8.)



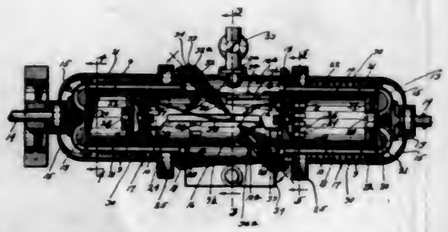
6. In combination, a rigid, sheet metal spacer providing a seat at each end for a bar, and a pair of spring arms pivoted to one end of said spacer and adapted to engage over a bar at the pivot end and to be hooked over a parallel bar at the opposite end of said spacer.

1,625,840. TRANSMISSION SYSTEM. HORACE WHITTLE, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 18, 1921. Serial No. 485,447. 4 Claims. (Cl. 178—44.)



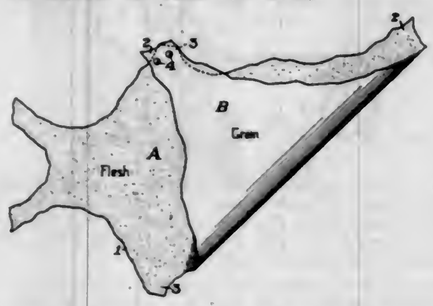
1. In a wave transmission system for transmitting signaling currents in the speech frequency range and signaling currents in the ultra speech frequency range, two lines of different characteristic impedances, coupling means for said lines comprising a transformer for transmitting both speech and ultra speech frequencies, and means cooperating with said transformer for preventing substantial reflection losses for the whole range of frequencies.

1,625,841. ROTARY RECIPROCATING ENGINE. ARTHUR H. WRIGHT, Minneapolis, Minn. Filed Apr. 16, 1926. Serial No. 102,439. 10 Claims. (Cl. 123—43.)



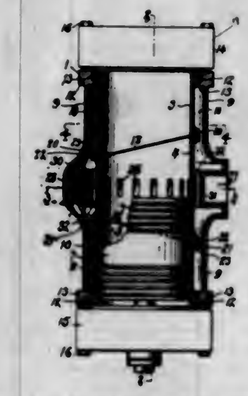
1. An engine comprising a cylinder, piston and outer support, said piston having a reciprocating movement within said cylinder, and an oblique rotary connection between said cylinder and outer support arranged to cause rotation of one of the elements in respect to the other when said piston is reciprocated.

1,625,842. ART OF COLORING LEATHER. PETER A. BLATZ, Wilmington, Del. Filed June 15, 1926. Serial No. 116,084. 11 Claims. (Cl. 8—5.)



1. In the art of coloring leather, the step of fastening the skins together; portions of the skins being overlapped in an uneven or unsymmetrical condition, and then drumming such connected skins in a coloring solution.

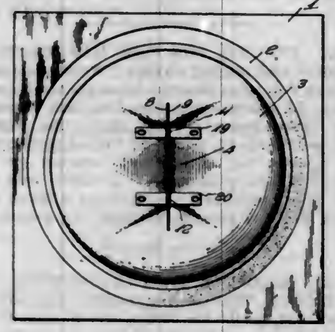
1,625,843. CYLINDER FOR DOUBLE-ACTING ENGINES. THOMAS DAVID BOWEN, Cynwyd, Pa., assignor, by direct and mesne assignments, of one-third to Hubert C. Verhey and one-third to L. C. Cope, Philadelphia, Pa. Filed Apr. 22, 1925. Serial No. 24,965. 7 Claims. (Cl. 123—173.)



1. A double acting engine cylinder comprising a casing, a liner having its working ends secured in said casing, said liner comprising separate sections having an expansion joint formed between said sections and said joint positioned on a plane extending obliquely in relation to the longitudinal axis of the cylinder.

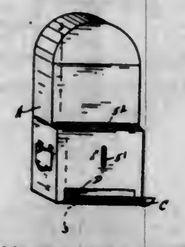
1,625,844. SOUND-REPRODUCING APPARATUS. CYRIL A. BRIGHAM, East Orange, N. J., assignor to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Nov. 2, 1926. Serial No. 145,809. 7 Claims. (Cl. 179—115.)

1. An electromagnetic sound reproducer comprising an electromagnetic driving mechanism, a vibratory member actuated by said mechanism, a sound reproducing diaphragm, said diaphragm being substantially dished at the center thereof and having a pair of co-extensive parallel lip portions secured to said vibratory member



whereby vibrations initiated in said vibratory member are transferred through said lips to said sound reproducing diaphragm.

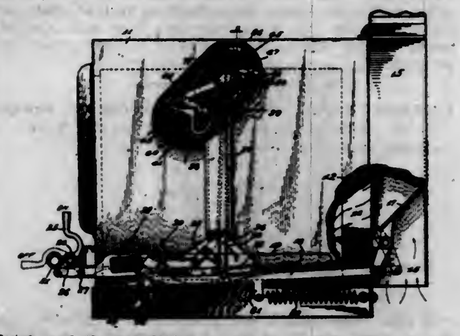
1,625,845. MERCHANDISE-VENDING MACHINE. ALONZO CANTRELL, Salt Lake City, Utah. Filed Apr. 21, 1926. Serial No. 103,454. 1 Claim. (Cl. 194—88.)



A vending machine comprising a casing having a coin receiving slot in its upper end; a manually-operated coin directing mechanism mounted in said casing, said mechanism consisting of spaced apart parallel plates; a shaft pin journalled in said plates; a recess formed in the inner face of the outer of said plates; a trigger member pivoted and operated within said recess; a coin receiving and directing disk secured on said shaft pin, and having a laterally projecting pin therein; arc-shaped slots cut in the adjacent one of said plates, and within which slots the said lateral pin is operated; an irregular recess is cut in the side of another of said plates; a thin casing operable in said irregular shaped recess and pivoted on said shaft pin; a spring held catch longitudinally movable in said thin casing; a spring held dog pivotally mounted on the outer face of said thin casing; a plate 16 having a semicircular slot therein is secured to the recessed plate; a ratchet wheel formed on the outer face of a drum; slots cut in the said plate 16 and similar slots cut in the wall adjacent through which the said spring held dog engages with the teeth of said ratchet wheel, whereby the drum is intermittently rotated.

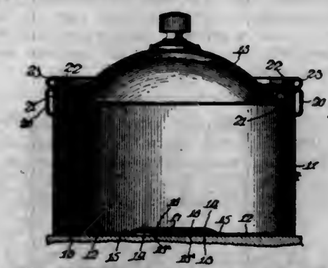
1,625,846. COOKING OVEN. JOHN E. CHAMBERS, Shelbyville, Ind. Filed May 20, 1926. Serial No. 110,488. 17 Claims. (Cl. 126—42.)

1. In combination with an oven having one or more ventilation openings, means for controlling the flow of air through said openings, a heating element located within said oven for heating said oven, regulating means for said heating element, said ventilation-control means being spring-pressed to closed position, a latch for holding said ventilation-control means in open position, and latch-operating means operatively interconnecting said



latch and the regulating means for said heating element so that said latch will be released when said last-named means is operated to shut off said heating element.

1,625,847. CULINARY VESSEL. WILLIAM W. DECKER, Jr., Chicago, Ill. Filed Feb. 2, 1925. Serial No. 6,177. 3 Claims. (Cl. 53—8.)



1. A culinary vessel of the character described having a substantially large bottom wall plane on radial lines extending inward to a substantially small portion about the centre, said central portion being circumferentially defined by a shallow stress-relieving formation upstanding above the inner surface of the bottom and adapted to have its circumferential margin yield radially inward under expansion stresses in the outer plane portion of the bottom.

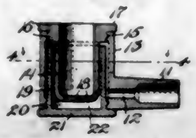
1,625,848. BATTERY UNIT AND METHOD OF PRODUCING THE SAME. CYRIL P. DEIBEL and WALTER G. WAITT, Lakewood, Ohio, assignors to The Twin Dry Cell Battery Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 3, 1926. Serial No. 106,251. 3 Claims. (Cl. 136—109.)



1. In a battery unit, a container having a layer of plastic material on the bottom thereof, partitions dividing

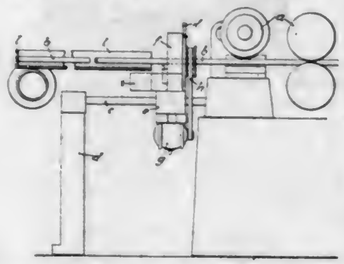
said container into a plurality of compartments, said partitions having one side embedded in said plastic material, a dry cell removably secured in each of said compartments, said cells being removable from said compartments without disturbing the seal of the individual compartments.

1,625,849. PIPE. EDWARD T. FITZ-GERALD, Newark, N. J. Filed Jan. 14, 1925. Serial No. 2,246. 1 Claim. (Cl. 131—12.)



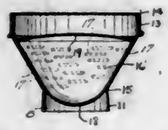
A pipe comprising a cylindrical shell with open ends and a lateral stem opening at the bottom, a cylindrical thimble with a flange at its closed end, said thimble screwed into the bottom of the shell and having its enclosed part slightly smaller than the inside of the shell and having its flange fitting against the bottom edge of the shell, and a bowl screwed into the top end of the shell and having a part within the thimble and slightly smaller than the thimble, the bowl having a flange to extend to form the top rim of the shell, the parts forming a series of annular cylindrical spaces when assembled, and presenting all surfaces subject to easy wiping when separated.

1,625,850. CUTTING-OFF DEVICE PARTICULARLY FOR TUBES. PAUL GEDIEN, Cologne-Braunsfeld, and KARL SCHWADE, Cologne-Lindenthal, Germany. Filed Oct. 28, 1926, Serial No. 144,899, and in Germany Dec. 23, 1924. 2 Claims. (Cl. 164—75.)



1. In a tube-cutting device, the combination of tube-feeding means, a cutter-supporting block mounted for sliding movement in parallelism with a tube fed by said feeding means and supporting a cutter in axial alinement with said tube and means carried by said cutter-supporting block and disposed in position to be engaged by the moving tube thereby to cause sliding movement of said cutter-supporting means.

1,625,851. SPRAY HEAD FOR BOILER-WASHING MACHINE. DANIEL A. HEGARTY, Houston, Tex., assignor to Mystic Washer Company, Houston, Tex. Filed Sept. 27, 1926. Serial No. 137,937. 7 Claims. (Cl. 68—30.)

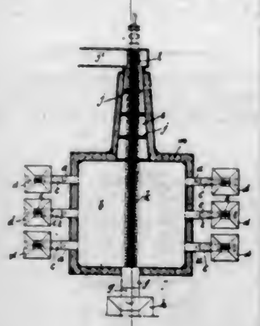


6. In a wash boiler an upwardly directed circulating column, a flaring spray head thereon having discharge openings therein, and means to close said openings responsive to fluid pressure in said column to open and allow discharge of fluid.

1,625,852. PROCESS FOR THE MANUFACTURE OF LINOXINLIKE SUBSTANCES. WILLY O. HERRMANN and HANS DEUTSCH, Munich, Germany, assignors to Consortium für Elecktrochemische Industrie, Munich, Germany. Filed June 13, 1925, Serial No. 36,941, and in Germany June 18, 1924. 17 Claims. (Cl. 106—22.)

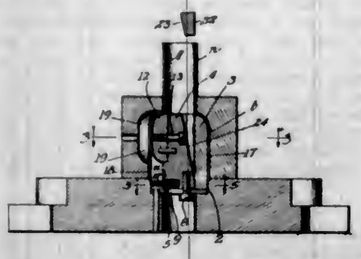
1. A product of manufacture obtained by heating resinous aldehyde condensation products with organic hydroxy acid compounds, incorporating a filling material therewith and hot pressing to form the desired article.

1,625,853. CEMENT AND LIME BURNING. GEORGE EDWARD HEYL, Westminster, London, England. Filed Mar. 4, 1926, Serial No. 92,271, and in Canada Mar. 5, 1926. 4 Claims. (Cl. 222—1.)



1. A method of burning calcareous material consisting in blowing in a plurality of successive planes opposing jets of combustible flaming at a vitrifying temperature, and blowing a separate jet of powdered calcareous material transversely, successively to encounter said flaming jets.

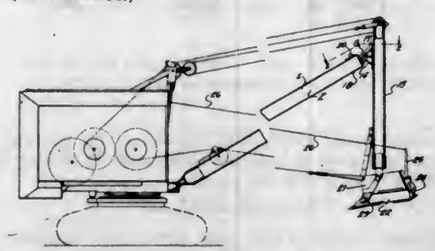
1,625,854. DIE FOR MAKING CARBURETOR FRAMES. FRANK HOLT, Chicago, Ill., assignor to Stromberg Motor Devices Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 29, 1925. Serial No. 26,625. 4 Claims. (Cl. 153—21.)



1. Die mechanism for forming a lateral cylindrical flange on a cylindrical shell comprising spreader mechanism for intimately receiving the shell, a cam block on said spreader mechanism, means co-operating with said spreader mechanism to force said cam block against the cylindrical shell wall to form a lateral bulge thereon,

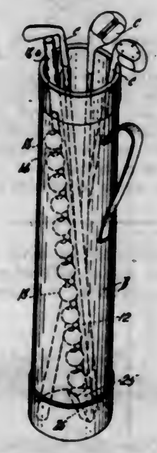
means for punching a hole through the outer wall of said bulge, and an expansion plug for entering said bulge hole from the outside and expanding the metal around said hole into the lateral flange.

1,625,855. POWER SHOVEL. JOHANNES S. HUBER, Milwaukee, Wis., assignor to Harnischfeger Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 10, 1926. Serial No. 101,022. 10 Claims. (Cl. 214—138.)



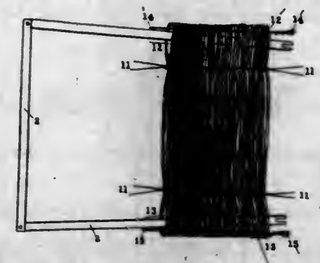
1. The combination with the boom and dipper stick of a power shovel, of means connecting said dipper stick to said boom for pivotal movement with respect to the latter about an axis extending longitudinally of and fixed relatively with respect to the same and for pivotal movement about an axis substantially transverse to said first-named axis.

1,625,856. GAME-BALL HOLDER. RANDALL F. JUDD, Brookline, Mass. Filed Oct. 11, 1926. Serial No. 140,831. 2 Claims. (Cl. 224—0.5.)



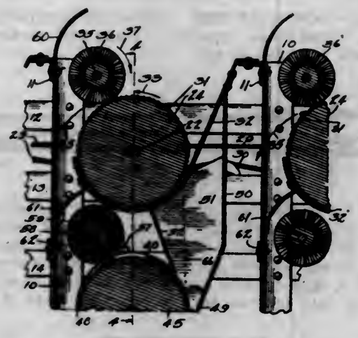
1. A game-ball holder comprising an elongated stiff rod, adapted to be inserted in a bag and having a recessed longitudinal side formed to receive and support zones of a row of game balls and oppose displacement of the balls in certain directions, and a plurality of pairs of resilient jaws projecting from the recessed side and formed to bear on opposite zones of a row of balls seated on the recessed side, and adapted to yieldingly oppose displacement of the balls in other directions, each pair of jaws independently confining a ball in a predetermined position on the rod and opposing its accidental removal from said position.

1,625,857. METHOD FOR MAKING MOP HEADS. EDWARD JUMONVILLE, New Orleans, La. Filed Dec. 2, 1925. Serial No. 72,754. 2 Claims. (Cl. 300—21.)



1. The method of making mop-heads which includes helically winding yarn on a form where the helix is laid with a pitch equal substantially to two diameters of the yarn, then cross-stitching in a single layer the strands thus wound and then removing the mop from the form.

1,625,858. SEED-CLEANING MACHINE. MELVIN L. KOLLMAN, Sioux City, Iowa, and EMIEL L. KLAPPAL, Witton, S. Dak. Filed July 18, 1924. Serial No. 726,740. 3 Claims. (Cl. 209—78.)

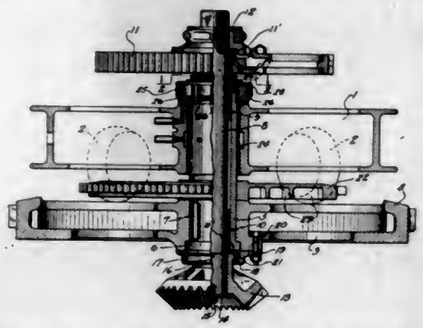


1. A seed separating machine comprising a frame, an inclined trough mounted thereon, a cloth covered roller journalled on said frame and arranged in said trough said roller being tapered so as to be smaller at its discharge end than at its receiving end and a roller brush in contact with said cloth covered roller so that seed carried upon said cloth covered roller may be brushed therefrom by said roller brush.

1,625,859. EXCAVATOR CRANE. ROLF LJUNGKULL, Milwaukee, Wis., assignor to Harnischfeger Corporation, Milwaukee, Wis., a Corporation. Filed Apr. 15, 1926. Serial No. 102,154. 3 Claims. (Cl. 212—70.)

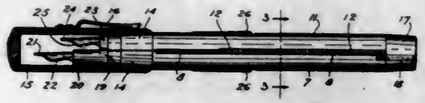
1. In an excavator crane of the character referred to, the combination with a relatively fixed gear, a frame arranged above said gear and supported for rotary movement with respect thereto, of a hollow cylindrical pin provided at its lower end with a head and extending upwardly through the center of said gear and the axis of rotation of said frame, said pin being threaded at its upper end and provided therein with a longtudinally extending groove, a nut threaded upon said end and acting upon the upper side of said frame to hold the latter against axial movement with respect to said gear, said nut being provided at its outer edge with a plurality of longitudinally extending grooves, and a locking member arranged loosely upon the threaded end of said pin above said nut and resting upon the latter, said member being

provided at its inner edge with an inwardly extending lug engaging the groove in said threaded end and at its outer edge with a downwardly extending lug arranged in one of said grooves with which the nut is provided, the arrangement being such that upon upward axial move-



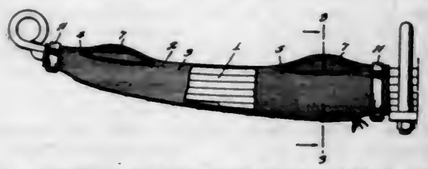
ment of said washer upon said pin said downwardly extending lug is disengaged from said nut to permit adjustment of the latter while said inwardly extending lug maintains its locking engagement with the threaded end of said pin.

1,625,860. FOUNTAIN PEN. MILTON M. MACH, Omaha, Nebr. Filed June 20, 1925. Serial No. 38,546. 5 Claims. (Cl. 120—42.)



1. In a fountain pen, a main pen-barrel having longitudinal guide members, an auxiliary pen-barrel connected slidably with said guide members, said main and auxiliary barrels having portions adapted to register transversely to form a tapering seat, and a cap frictionally engageable with said tapering seat to cover the ends of both barrels.

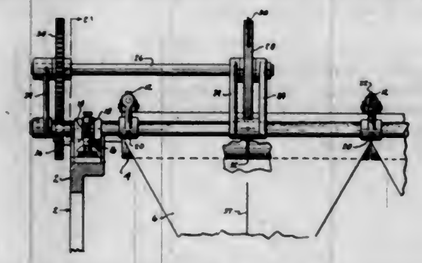
1,625,861. SPRING COVER. FRANCIS DUFFY MADGE, Sound Beach, Conn. Filed Jan. 2, 1926. Serial No. 78,764. 5 Claims. (Cl. 267—37.)



1. A cover for an automobile spring having at least one rebound clip, comprising a single piece body portion adapted to cover the upper side of the spring and to provide side portions to extend down each side of the spring and around the lower edges thereof, said single piece body portion having an unbroken top, and gussets set into the side portions adjacent the opposite upper edges thereof and adjacent each clip.

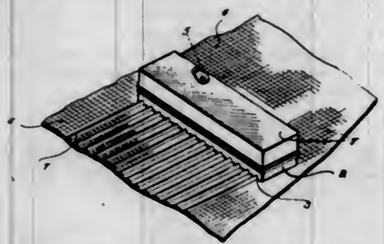
1,625,862. MEANS FOR FORMING NEWS AND TABLOID SECTIONS FROM A CONTINUOUS WEB. EARL L. MARTIN, New York, N. Y. Filed June 2, 1926. Serial No. 113,135. 5 Claims. (Cl. 270—42.)

1. In a printing press, the combination of a drag roll, a slitting device intermediate of the ends of said drag roll and having a cylindrical surface adapted to constantly engage the web upon the drag roll and a knife



extending around substantially one-half of the periphery thereof and adapted to intermittently slit the web as it passes over said drag roll.

1,625,863. APPARATUS FOR APPLYING NONSLIPPING MATERIAL TO FLOOR COVERINGS. GORDON MCLARTY, Rochester, N. Y. Filed Mar. 23, 1925. Serial No. 17,627. 2 Claims. (Cl. 18—59.)



2. A distributing member comprising a box like structure for containing the nonslipping element, said structure having an air intake opening and having a plurality of elongated slots, the structure being formed with discharge openings at one end of each slot, so that the material in the structure will be forced through the slots into the interstices of the floor covering under pressure of the contents of the receptacle, and will be shaped by the discharge opening as the receptacle is moved over the floor covering.

1,625,864. BALLAST DIGGING AND CLEANING MACHINE. GEORGE C. MELIN, Galesburg, Ill. Filed July 9, 1926. Serial No. 121,304. 8 Claims. (Cl. 104—7.)

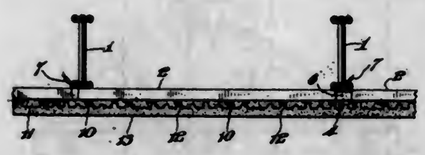


1. In a machine of the class described, the combination of a flat car, a pair of shoes adapted to be inserted beneath the ties of the track, wedge-shaped ridges on said shoes adapted to engage the lower surface of the ties and raise them, means for shifting said shoes outwardly from said car, and means for raising said shoes above the level of the track.

1,625,865. FURRING CONSTRUCTION. GEORGE F. PAWLING, Philadelphia, Pa. Filed Sept. 6, 1924. Serial No. 736,245. 4 Claims. (Cl. 72—118.)

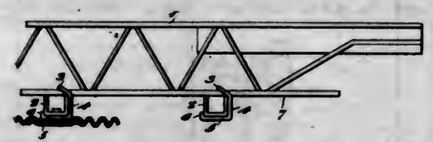
1. In a ceiling construction of the character stated, a supporting structure, furring having adjacent ends fitted

together and suspended from said supporting structure, the furring consisting of a plurality of sections to form a continuous member for the whole length of the ceiling,



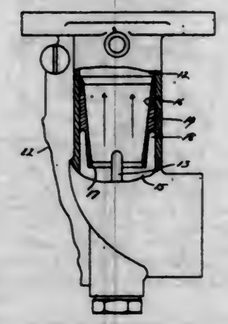
said furring being provided with metal-lath supporting clips, and metal lath arranged beneath said furring and engaged by said clips.

1,625,866. MEANS OF SUPPORTING CEILING FURRING. GEORGE F. PAWLING, Philadelphia, Pa. Filed Nov. 26, 1924. Serial No. 752,286. 1 Claim. (Cl. 72—118.)



A clip for securing furring to skeletonized joist formed from a single piece of material, as wire, and bent to form a horizontal, furring supporting portion and a pair of vertical side pieces terminating in a loop projecting at an inclination and in a direction toward the toe of the clip, said loop being adapted to engage over a bar of the lower cord of skeletonized joist and an upturned end for each of said horizontal portions which upturned parts form the toe of the clip.

1,625,867. AJUTAGE. ANTOINE P. PLAUT, Detroit, Mich., assignor of one-half to Roberts Brass Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed July 23, 1921. Serial No. 486,941. 2 Claims. (Cl. 137—75.)



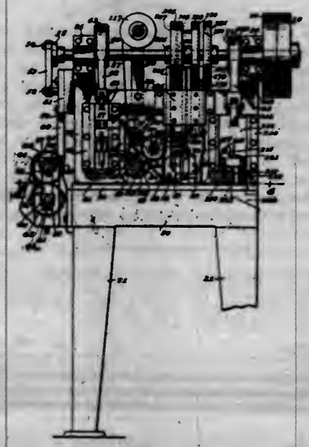
1. In a carbureter, the combination with an induction conduit having a substantially straight portion extending in a single direction, a tapering tubular member not of Venturi form entirely within the straight portion of said conduit, the small end of said tapering member being spaced from said outer induction conduit to form a surrounding annular pocket whereby a curved Venturi passage is obtained at the entrance to said tubular member, the sides of said passage being formed by the fluid trapped by said annular pocket.

1,625,868. CARDING MACHINE. JOHN PLATT, Harrow, England, and WILLIAM PLATT and HENRY PLATT, Roubaix, France. Filed June 23, 1925, Serial No. 38,952, and in Germany July 1, 1924. 2 Claims. (Cl. 19—106.)



1. In a carding machine, the combination with a swift clothed with the ordinary card clothing of a doffer which is clothed with a clothing comprising straight and rigid teeth that taper from bottom to top to provide needle-like points.

1,625,869. MACHINE FOR MAKING BOTTLE CLOSURES. FREDERIC K. PLYMPTON, Brewster, N. Y., assignor to Naomi D. Plympton, Brewster, N. Y. Filed Apr. 18, 1925. Serial No. 24,301. 29 Claims. (Cl. 140—93.)

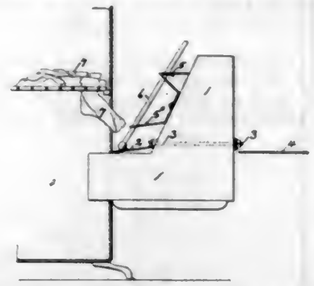


1. In a machine of the character described, a wire forming and attaching mechanism for attaching wire balls to cap stock or the like, comprising wire forming means adapted to form lengths of wire into U-shape, means for passing the legs of said formed wire in one direction partially through the stock, means for bending and clinching the inserted ends with respect to the stock, and means for bending the non-inserted portion in flatwise relation to the surface of the stock.

1,625,870. STOVE-FUEL IGNITER. HUBERT W. ROBERT, Campbell, Nebr. Filed Jan. 30, 1926. Serial No. 85,063. 3 Claims. (Cl. 175—115.)

1. A fuel igniting device for stoves comprising a support of insulating material having one face downwardly inclined and then extended forward, a coil of resistance

wire mounted upon this face of the support adjacent the horizontal portion thereof and adapted to be connected in a normally open circuit with a source of current, and



means projecting from the inclined face of the support whereby a match may be supported with its head against the resistance wire.

1,625,871. BOAT-ANCHOR HOIST. HENRY ROBERTSON and HAROLD HIRDLER, Long Prairie, Minn. Filed June 11, 1925. Serial No. 36,436. 4 Claims. (Cl. 254—186.)



1. A boat anchor hoist comprising a bracket applicable to a boat, a windlass drum journaled on the bracket, a hoisting rope arranged to be wound on the windlass drum, an anchor attached to the hoisting rope, a ratchet wheel on the brake drum and a pawl on the bracket, a manually operated brake for the windlass drum independently mounted in respect to the pawl and having a part arranged to engage the pawl and release the same from the ratchet wheel during the brake-setting action, said pawl being arranged to automatically reengage the ratchet wheel during the releasing of the brake.

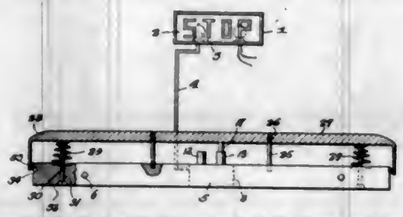
1,625,872. COMBINATION WINDOW. HENRY J. SCHLACKS, Chicago, Ill. Filed Dec. 29, 1925. Serial No. 78,074. 5 Claims. (Cl. 20—48.)



1. A window construction comprising a movable window with panes fixed in opposite sides thereof and providing a space therebetween, metal channel members mounted upon the opposing edges of said fixed panes, a supporting frame having its vertical sides secured to said channel members, the top and bottom members of said supporting frame being secured to the top and bottom bars of said window, and a casement window hingedly mounted in said supporting frame.

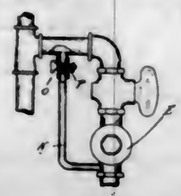
1,625,873. ELECTRIC SIGNAL FOR RAILROAD CROSSINGS, PUBLIC HIGHWAYS, AND THE LIKE. BRUCE J. SHALD, O'Neill, Nebr. Filed June 16, 1926. Serial No. 116,427. 5 Claims. (Cl. 246—246.)

4. An electric signal including a base member having a central opening and provided with fixed guide posts located at opposite sides of the center of the base member, a depressible member adapted to be engaged by the wheels of a vehicle and provided with openings receiving the guide posts, cushioning means interposed between the base members and the depressible member, a switch



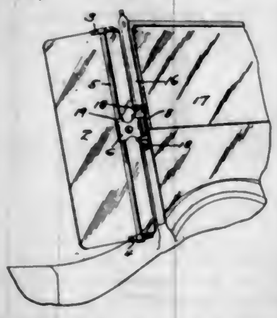
mounted in the central openings of the base member and arranged in the said circuit and switch operating means carried by the base member and arranged to be engaged by the depressible member.

1,625,874. GAS VALVE. FRANK W. SHUELL, Detroit, Mich., assignor to Ever Hot Heater Company, Detroit, Mich., a Corporation of Michigan. Filed Feb. 4, 1924. Serial No. 690,614. 1 Claim. (Cl. 236—33.)



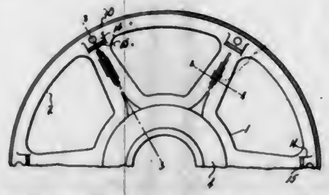
The combination with a gas burner, a supply conduit therefor and a thermostatically operated valve for varying the supply, of a by-pass conduit around said valve, a plug in said by-pass conduit rotatable about an axis transverse to said conduit, said plug having a laterally extending full circular opening therethrough adapted to extend axially of said conduit, said opening being calibrated to limit the amount of gas passing therethrough to that necessary for supplying the pilot light for the burner.

1,625,875. VEHICLE WIND WING. ALBERT WASSEL, San Francisco, Calif., assignor, by direct and mesne assignments, to George J. Henry, San Francisco, Calif. Filed Mar. 17, 1919. Serial No. 283,003. 6 Claims. (Cl. 296—84.)



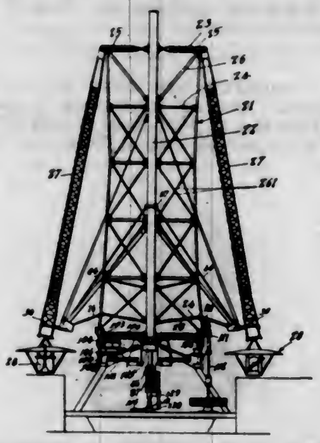
1. A wind shield wing comprising a transparent plate and a rod extending lengthwise of said plate, and secured on its ends with said plate, a bracket constructed and adapted to be secured to a standard and having a cylindrical member, a link embracing said cylindrical member and said rod and clamping means whereby the link is caused to seize the rod and the cylindrical member.

1,625,876. CAST WHEEL. ELMER F. WATERBOR, Detroit, Mich., assignor to Christine McD. Simpson, Detroit, Mich. Filed Jan. 18, 1926. Serial No. 82,187. 4 Claims. (Cl. 301—65.)



3. A cast wheel including a hollow hub having spaced front and rear walls, and a peripheral wall extending therebetween, hollow spokes of triangular cross section integral with said hub and a felly having spaced side flanges and a web forming an uninterrupted channel opening radially outwardly of the wheel, one of the side flanges of said felly and one of the walls of each of said spokes lying substantially in the same plane with one of the walls of said hub and forming one side of the wheel, the peripheral wall of said hub and the web of said felly diverging from one side of the wheel to the other.

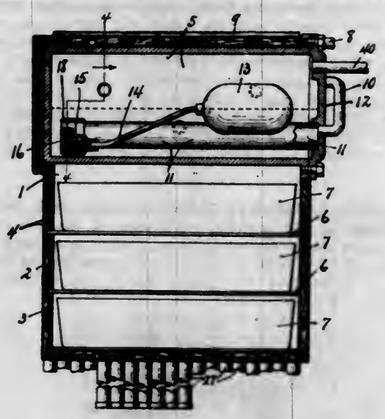
1,625,877. AMUSEMENT APPARATUS. EDWARD K. WOOD, Wilmington, and JOHN METZGER, deceased, Venice, Calif., by Constance I. Metzger, administratrix, Venice, Calif., assignors to Amusement Engineering Corporation of California, Los Angeles, Calif., a Corporation of California. Filed Nov. 10, 1925. Serial No. 68,077. 13 Claims. (Cl. 272—41.)



1. An amusement apparatus comprising a rotatably mounted frame, means to rotate said frame, an arm hinged to the frame, a carriage swingingly suspended from the arm, releasable means to latch the arm against swinging when the frame is rotating, and means to release the latching means while the frame is rotating including fluid pressure actuated mechanism and electrically operated mechanism controlling the fluid pressure actuated mechanism.

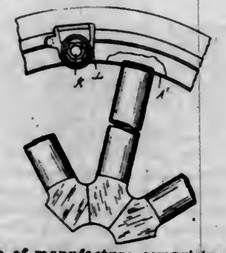
1,625,878. REFRIGERATING APPARATUS. EUGENE L. BARNES, Watertown, N. Y. Filed May 22, 1925. Serial No. 32,172. 21 Claims. (Cl. 62—95.)

10. A refrigerating system in which cold is obtained by releasing a liquid medium under pressure and vaporising it, comprising means for controlling the passage of the medium from the high pressure side of the system to its low pressure side, and a cooler for freezing and segregating any moisture in the high pressure medium, so as to obviate interference with the passage of the medium by



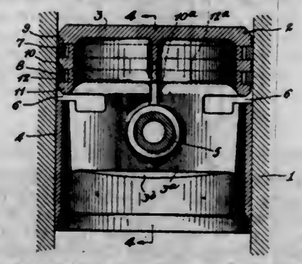
freezing of such water, exposed to be cooled by the liquid medium in the low pressure side of the system.

1,625,879. VEHICLE WHEEL. WILLIAM N. BOOTH, Detroit, Mich. Filed Apr. 30, 1917. Serial No. 165,383. 1 Claim. (Cl. 301—67.)



The new article of manufacture comprising a semiwood wheel for motor vehicles and composed of a body of wooden spokes radiating from a common center and each having an integral shaped outer end, in combination with a wrought metal endless fixed rim which presents a demountable-rim-supporting raised back flange, said fixed rim having at points below said back flange as many pressed-out, closed, concave sockets as there are spoke ends, said sockets fitting the shaped ends of respective wooden spokes and sealing the end-grain thereof, and said rim being circumferentially tensioned upon and holding under compression the body of spokes, as a whole.

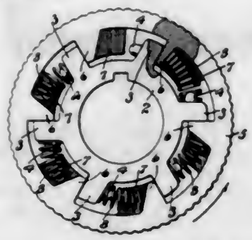
1,625,880. ENGINE. WARD HOLT BROADFIELD, Canton, Ohio, assignor to The H. H. Miller Industries Company, Canton, Ohio, a Corporation of Ohio. Filed Dec. 7, 1922. Serial No. 605,508. 4 Claims. (Cl. 74—109.)



1. In an engine, the combination with a cylinder, of a piston having a head and a skirt, said skirt being formed

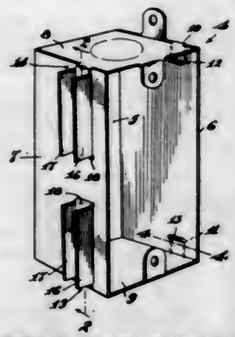
with an annular groove, and a ring mounted in said annular groove, said ring being formed in its under surface with a recess extending from a point remote from one end to a point remote from its other end and closed at its opposite ends to prevent oil from flowing into the joint of the ring, and the outer wall of the recess in said ring extending outwardly and downwardly beyond the lower surface of said ring and forming with the outer surface of the ring a relatively thin edge disposed below the lower surface thereof and adapted to scrape oil from the wall of the cylinder and guide it into said recess.

1,625,881. SECTIONAL FEED ROLLER FOR WOODWORKING MACHINES. WENDELL R. BUSS and M. EVERETT DICK, Holland, Mich., assignors to Buss Machine Works, Holland, Mich., a Corporation of Michigan. Filed July 21, 1924. Serial No. 727,127. 1 Claim. (Cl. 144—250.)



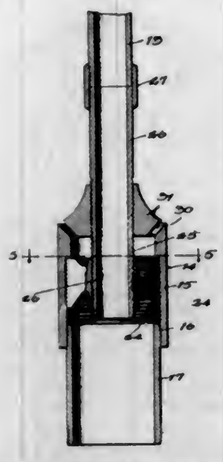
In combination, a shaft, a plurality of driving sections mounted in alinement with the shaft and on the same to rotate therewith, each of said sections having a plurality of spaced apart outwardly extending fingers, a plurality of feed roll outer sections located one around each driving section, each of said outer sections having a plurality of inwardly extending spaced apart lugs and a web at one side extending from each lug part way to the next adjacent lug, a coiled spring bearing at one end against each finger and at the opposite end against a lug, the end of the spring bearing against the lug lying alongside of the web connected therewith, and circular plates keyed to the shaft and located between adjacent driving and feed roller sections, substantially as described.

1,625,882. CONDUIT SWITCH BOX. CHARLES D. CONVERSE, Los Angeles, Calif. Filed Oct. 26, 1925. Serial No. 64,730. 3 Claims. (Cl. 247—21.)



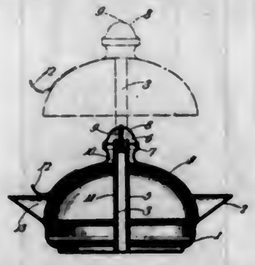
1. In a switch-box, an end wall, a side wall, an extension projecting from said end wall overlying the side wall and spaced out-turned flanges on said extension projecting substantially at right angles from the side wall forming a lath-receiving member, said extension being formed with an end tongue and said side wall being formed with an opening to receive said tongue.

1,625,883. GAS-ENERGY-CONTROL HEAD FOR OIL WELLS. ERD V. CROWELL, Los Angeles, Calif. Filed Mar. 31, 1923. Serial No. 629,198. 4 Claims. (Cl. 166—2.)



1. In a device of the character described for use with oil and gas wells, discharge tubing, a packer associated with the discharge tubing and having anchoring means controlled by the discharge tubing, a control head arranged upon the packer, and co-operative valve means carried by the control head and discharge tubing for positively and definitely regulating the degree of opening through said valve means.

1,625,884. SMOKER'S ASH TRAY AND LIKE RECEPTACLE. REGINALD MOSS DAVIS, London, England. Filed May 18, 1926, Serial No. 109,820, and in Great Britain May 25, 1925. 1 Claim. (Cl. 131—51.)

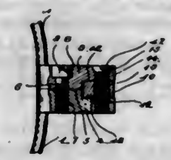


A smoker's ash tray comprising in combination a receptacle having a well portion and a wall sloping upwardly from the well portion, an upstanding post secured to the base of the receptacle, a cover for said well portion, a sleeve carried by said cover and mounted on said post, and a pin and slot connection between said post and said sleeve.

1,625,885. OPHTHALMIC MOUNTING. GEORGE H. DU PAUL, Southbridge, Mass., assignor to Shur-On Standard Optical Company, Inc., Geneva, N. Y., a Corporation of New York. Filed Feb. 10, 1926. Serial No. 87,206. 3 Claims. (Cl. 88—53.)

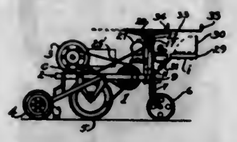
1. An ophthalmic mounting comprising a split lens ring having two end pieces projecting outwardly adjacent the split, the end pieces being formed to provide a temple receiving recess between them, one of said end pieces having an opening intersecting one wall of the temple receiving recess, a tubular temple bearing post internally

threaded and rigidly secured to the other end piece, projecting across the recess and detachably fitting in the opening of the other end piece to bridge the recess, a temple mounted to turn on the post, and a screw fastener



passed through said opening and engaging the end piece in which the opening is provided and also extending in and anchored to the post to draw the two walls of the temple receiving recess into engagement with opposite faces of the temple.

1,625,886. STEERING ATTACHMENT FOR VEHICLES. JACK ANDREW FELTON, Los Angeles, Calif. Filed Mar. 9, 1925. Serial No. 14,111. 4 Claims. (Cl. 280—92.)



1. In combination with a power tractor having a frame; a wheel; a yoke in which said wheel is mounted; uprights secured to said frame; a cross member connecting said uprights; a steering post rising from said yoke and being rotatably supported from said frame; a steering wheel journalled to said cross member; and operative means connecting said steering wheel and said steering post.

1,625,887. DRY-PAN CRUSHER. JOHN S. FOWLER, San Mateo, Calif., assignor to Pacific Foundry Company, San Francisco, Calif., a Corporation of California. Filed Dec. 5, 1925. Serial No. 73,419. 4 Claims. (Cl. 83—45.)



3. In a dry pan crusher, a pan comprising a frame; an annular screen plate adapted to rest upon said frame, said screen plate being divided into a plurality of sections; depending marginal flanges at the edges of and integral with said sections; lugs formed with, and longer than the width of, said flanges, said lugs having slots therein; and bolts passing through said slotted lugs for separately connecting together said sections and adapting them for relative vertical adjustment.

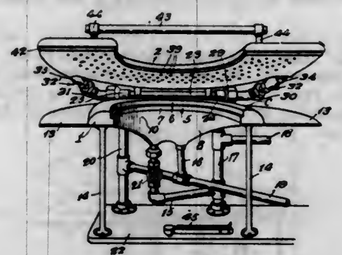
1,625,888. ROOFING ELEMENT AND METHOD OF MAKING THE SAME. JULIUS H. GILLIS, Elizabeth, N. J., assignor, by mesne assignments, to Anaconda Sales Company, a Corporation of Delaware. Filed Aug. 15, 1923. Serial No. 657,489. 16 Claims. (Cl. 204—8.)

1. A method of making roofing elements, which comprises preparing a base containing a plastic substance, allowing the plastic substance to assume a non-adhesive condition, applying a metallic layer to the surface of the base, and simultaneously heating the metal and pressing



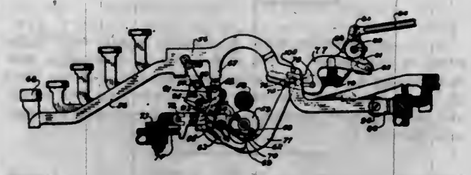
it against the base, the heating of the metal being carried on to an extent sufficient to soften the plastic substance and render it adhesive.

1,625,889. MEANS FOR RENOVATING AND REBLOCKING HAT BRIMS. HENRY HEARTFIELD, Brea, Calif. Filed Sept. 13, 1923. Serial No. 662,389. 5 Claims. (Cl. 223—31.)



1. A hat brim blocking outfit comprising a member including a flat removable form supporting surface having a vertical shoulder; a removable form having a depending lip adapted to engage the periphery of said shoulder and having a surface adapted to receive a hat brim; and means cooperating with said form to operate upon a hat brim received upon said surface.

1,625,890. ESCAPEMENT MECHANISM FOR TYPEWRITERS. OTTO A. HOKANSON, Woodstock, Ill., assignor to Woodstock Typewriter Company, Woodstock, Ill., a Corporation of Illinois. Filed May 10, 1924. Serial No. 712,181. 9 Claims. (Cl. 197—82.)

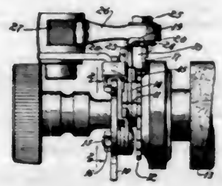


1. In a typewriter, the combination with escapement mechanism, of a universal member for actuating said escapement mechanism, power actuated means for operating said escapement mechanism independently of said universal member, a space lever for controlling said power actuated means and driving connection between said power-actuated means and escapement mechanism separate from said space lever.

1,625,891. REMOVABLE PLATEN SUPPORT. OTTO A. HOKANSON, Woodstock, Ill., assignor to Woodstock Typewriter Company, Woodstock, Ill., a Corporation of Illinois. Filed July 19, 1924. Serial No. 726,907. 12 Claims. (Cl. 197—145.)

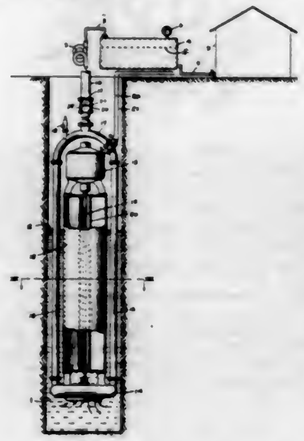
1. The combination with a platen shaft, of an upright plate having an open seat therein for receiving said platen shaft, a ratchet on said platen shaft, a bracket

pivotally mounted on said platen carriage plate eccentric to said shaft, a pawl mounted on said bracket for engaging said ratchet wheel, and a limit stop for said pawl,



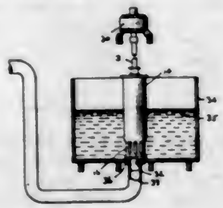
said stop being pivoted on said plate independently of said shaft and arranged to limit movement of said bracket and pawl about the pivotal mounting of said bracket.

1,625,892. VERTICAL-SHAFT FLOATING PUMP. ALADAR HOLLANDER, Berkeley, Calif., assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif., a Corporation of California. Filed May 17, 1926. Serial No. 109,483. 3 Claims. (Cl. 103—87.)



1. In combination with a vertical shaft centrifugal pump, a float below which said pump is suspended, said float having a tubular opening therethrough, a motor fixed on top of said float, a driving shaft connecting said motor and said pump in operative relation and passing through said opening.

1,625,893. VERTICAL-PUMP MECHANISM. ALADAR HOLLANDER, Berkeley, Calif., assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif., a Corporation of California. Filed May 17, 1926. Serial No. 109,484. 3 Claims. (Cl. 103—89.)



1. A vertical shaft pump, comprising a cylindrical body having a plurality of peripheral openings in its lower part and thereabove an annular internal conical seat and therebelow a pump casing portion, guide vanes and a central dispersion cone all formed integrally, an impeller positioned between said guide vanes and said seat, a vertical driving shaft for said impeller, a downwardly directed conical member and a central tube enclosing said shaft and integral with said member, a surface on said member adapted to engage said conical seat, other guide vanes on said member adapted to direct fluid to said impeller.

1,625,894. FLEXIBLE GASKET FOR TIRE MOLDS. HOWARD O. HUTCHENS and CHARLES A. KESSLER, Eau Claire, Wis., assignors to Gillette Rubber Co., Eau Claire, Wis., a Corporation of Wisconsin. Filed Dec. 14, 1925. Serial No. 75,158. 2 Claims. (Cl. 18—45.)
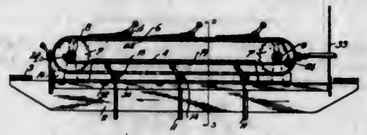


1. A sealing ring adapted to seal the space between the toes of the beads of a pneumatic tire during the vulcanizing process, comprising a flexible fabric covered rubber core having a central stiffening cable embedded therein, the ring being of substantially triangular cross-section with the upper corners rounded to avoid the formation of a ridge on the side walls of the tire.

1,625,895. ATTACHMENT FOR TELEPHONES. SARAH KATZ, Detroit, Mich. Filed Feb. 9, 1926. Serial No. 87,055. 1 Claim. (Cl. 45—82.)



A combined note pad, pencil and pencil sharpener attachment for a telephone standard, said attachment comprising a bracket formed of a pair of clamping bands having their central body portions surrounding the standard and spaced vertically thereof, a spacing rod attached to and extending between said clamping bands, means for clamping said bands to the standard, and means on the upper of said bands whereby its central body portion is adapted to support a pencil rack, said upper band having its end portions bent away in opposite directions from the central body portion and adapted to support a pencil sharpener and memorandum pad respectively.

1,625,896. WATER MOTOR. WILLIAM KEYWOOD, Easton, Wash. Filed Nov. 1, 1926. Serial No. 145,622. 3 Claims. (Cl. 170—84.)



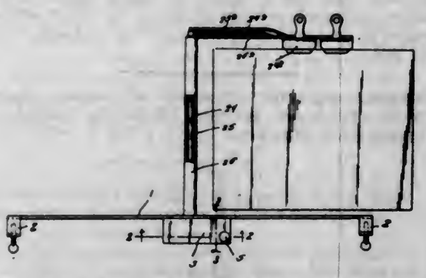
1. The combination in a water motor of a pair of endless chains and transversely arranged blades carried thereby, of fixed tracks and rollers carried by the blades supported on said tracks, a pair of unshipping plates normally in inoperative position, and means for moving said plates to operative position for unshipping the blades of the working flights of the chains.

1,625,897. CABLE CLAMP AND BRIDLE RING. CHARLES H. KLEIN, Jersey City, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 2, 1924. Serial No. 753,515. 2 Claims. (Cl. 248—36.)



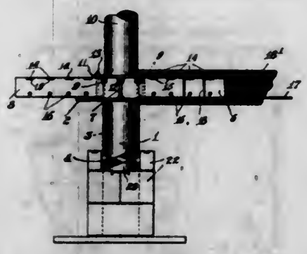
1. The combination of a supporting plate or the like having an opening with depressions formed radially thereof, of a bridle ring having arms between which wires may be inserted within the confines of said ring, a base for said ring comprising a counterbored portion and a somewhat flattened portion positioned on said supporting plate, projections on the flattened portion registering with the depressions in the supporting plate, and an attaching device with an enlarged head seated in said counterbored portion to secure the supporting plate and bridle ring in their registered relation to a supporting wall, said enlarged head-operating to exert pressure at a point directly above said projections to maintain them seated in said radial depressions to prevent rotation of the bridle ring.

1,625,898. MUSIC-LEAF TURNER. CHARLES L. KNAPP, Shenandoah, Pa. Filed Apr. 6, 1926. Serial No. 100,108. 2 Claims. (Cl. 84—498.)



1. A music leaf turner comprising a casing, a shaft, and inner and outer sleeves surrounding said shaft and all journaled in and extending from the casing, sweeps carried by the shaft and the inner and outer sleeves and equipped with means for the connection with the same of leaves of music, superposed swingable devices disposed in the casing and fixed to the shaft, the inner sleeve and the outer sleeve, respectively, said swingable devices having lower disc-like portions, upper plates and means connecting the disc-like portion and upper plate and also having pendent portions of different lengths on said plates and the said pendent portions being arranged to normally rest in spaced relation and two pendent portions being provided with reversely arranged projections disposed toward the other pendent portion, springs for moving the said swingable devices, a stop for limiting the movement of said devices under the action of their springs, and a manually controlled spring influenced keeper having a beveled toe to engage the pendent portions of the swingable devices.

1,625,899. FIREPROOF BUILDING CONSTRUCTION. JOHN LALLY, Boston, Mass. Filed May 17, 1923. Serial No. 639,592. 7 Claims. (Cl. 72—15.)



1. Fireproof building construction comprising a column, a crown plate secured to one end thereof, a plurality of radially extending arms on said crown plate, a plurality of reinforcing rings on said arms, a second plate on top of the arms and means for tying the plates and arms together, the arms, rings and plates being adapted to be embedded in concrete.

1,625,900. REENFORCED-CONCRETE-FLOOR CONSTRUCTION. JOHN LALLY, Great Neck, N. Y. Filed Oct. 19, 1925. Serial No. 63,404. 2 Claims. (Cl. 72—66.)

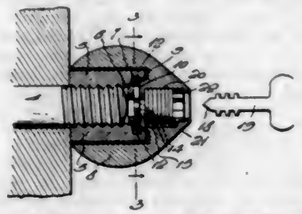


1. A cellular member for concrete floors comprising a pre-cast slab consisting of a bottom and outwardly flaring end and side walls the top edges of which are grooved and a sheet metal dome having a top, sides and ends, the edges of the sides and ends engaging the slab grooves.

1,625,901. NUT GUARD. CHARLES LAY, San Antonio, Tex. Filed Apr. 1, 1926. Serial No. 99,135. 2 Claims. (Cl. 70—122.)

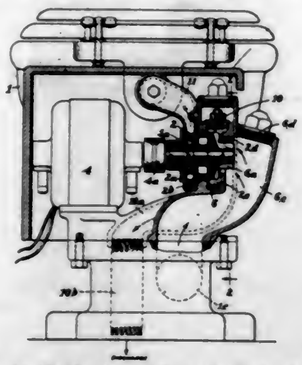
1. In combination with a nut having a recess whose wall is formed with a circumferential groove near one end of the nut; a head having a socket of a depth to

receive said nut, the wall of said socket being shaped for free circumferential movement about the nut, a boss projecting from the head into said recess, a projectable



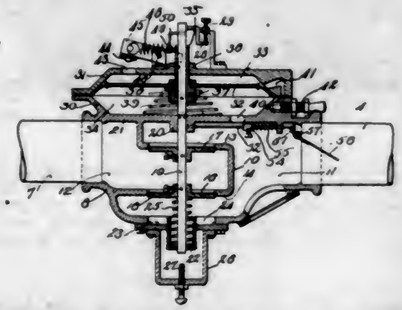
and detractable bolt carried by said boss and adapted for reception in said groove when projected, and lock-controlled means whereby said bolt may be retracted.

1,625,902. MARINE WATER-CLOSET. ULYSSES G. LEE, Chicago, Ill., assignor to U. G. Lee & Co. (Inc.), Chicago, Ill., a Corporation of Illinois. Filed Nov. 20, 1926. Serial No. 149,687. 6 Claims. (Cl. 4—90.)



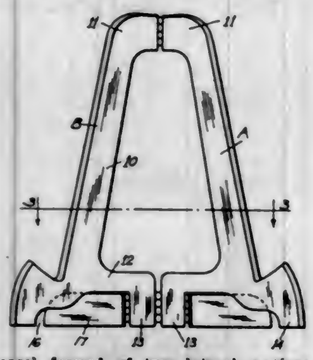
1. In a marine water closet, a bowl having inlet and outlet passages, supply and eduction pumps in said passages, the eduction passage having a clean out plug adjacent the intake of the eduction pump.

1,625,903. POWER-CONTROL APPARATUS FOR PNEUMATIC-DISPATCH SYSTEMS. JAMES G. MACLAREN, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a Corporation of Massachusetts. Filed May 12, 1926. Serial No. 108,532. 24 Claims. (Cl. 243—9.)



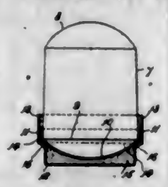
2. Power control apparatus for a pneumatic dispatch system of the minimum flow type having a transmission tube, means for creating a carrier propelling air flow therethrough, and a controlling valve for governing such flow through the tube, a minimum flow being permitted when the valve is in closed position, said apparatus comprising a spring actuated latch for holding the valve in fully open position during the flight of the carrier through the tube.

1,625,904. FOLDING EASEL. PAUL O. MATTSON, Denver, Colo. Filed Apr. 6, 1926. Serial No. 100,138. 3 Claims. (Cl. 40—146.)



1. An easel formed of two lateral sections hingedly connected on a vertical middle line whereby said sections may be turned either into a confronting relation or into an angular relation, each of said sections being formed at its lower end with an outwardly projecting shoulder upon which a picture may be supported, and wings connected to the two lateral sections at their lower ends and thereby adapted to be turned toward or from the rear face of the corresponding section into or out of angular relation thereto, said wings having their lower edges on a level with the lower edges of each section and thus being adapted to rest on a supporting surface and when in angular relation bracing the easel in an upright position.

1,625,905. LIGHT-REFLECTING DEVICE OR UNIT. RICHARD HOLLINS MURRAY, Manchester, England. Filed Apr. 5, 1926, Serial No. 99,776, and in Great Britain Jan. 22, 1926. 5 Claims. (Cl. 88—1.)



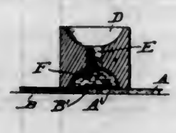
1. A light reflecting device, comprising a cylindrical plano-convex lens the axial length of which is substantially twice the radius of its convex surface, and a concave reflecting surface having a flat outer surface parallel to the plano surface of said lens arranged behind said lens.

1,625,906. DILATOR. HOWARD W. NAYLOR, Morris, N. Y. Filed Apr. 23, 1926. Serial No. 104,125. 7 Claims. (Cl. 128—341.)



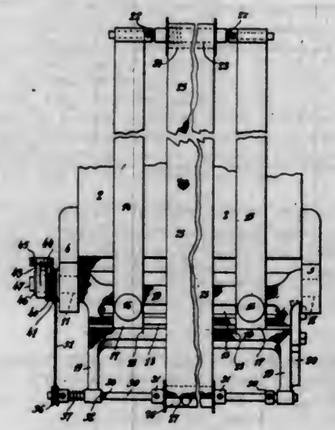
1. A dilator comprising a stem having a covering of fiber strands projecting radially therefrom.

1,625,907. PROCESS OF JOINING MATERIALS. EDWIN O. PETERSON, Elgin, Nebr. Filed Mar. 1, 1926. Serial No. 91,642. 2 Claims. (Cl. 154—42.)



1. The herein described process of uniting the edges of transparent and non-transparent material, consisting in placing the edges to overlap, applying a chemical solvent to said overlapped edges to dissolve the edges of the transparent material, applying pressure within a localized area adjacent the overlapping edges to retain them in intimate relation and to confine the chemical solvent within said localized area, and retaining the edges under pressure until the hardening of the seal is completed.

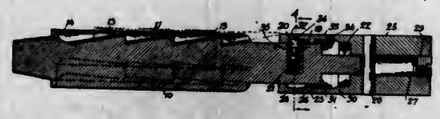
1,625,908. FACSIMILE-PRINTING ATTACHMENT. STEPHEN HAINES PLUM, 2d, Madison, N. J., assignor to American Type Founders Company, a Corporation of New Jersey. Filed Jan. 8, 1926. Serial No. 79,921. 2 Claims. (Cl. 101—336.)



1. The combination with a platen press having lugs adapted to receive a gripper bar, of an attachment of the character described comprising a base bar mounted to oscillate in said gripper bar lugs, frame members adjustably mounted in said base bar, and projecting upwardly therefrom, an upper roller mounted in the extreme free upper ends of said upright frame members, a lower roller mounted on said base bar, a sheet of fabric wound upon said roller and means carried by said base bar and one of the said gripper bar lugs for operating the said sheet of fabric across the platen of the press.

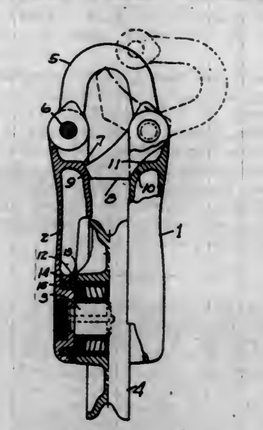
1,625,909. CASING PULLER. JAMES W. PRICE, Tulsa, Okla. Filed Apr. 26, 1926. Serial No. 104,811. 2 Claims. (Cl. 294—96.)

1. In a casing puller, a mandrel having longitudinally movable slips, a sleeve movable to engage the slips for forcing them longitudinally of the mandrel, a detent for holding the sleeve on the mandrel, a shearing element on the mandrel projecting into the sleeve, a shearable element carried by the sleeve for engaging the shearing element and preventing movement of the sleeve with respect to the mandrel under normal operating conditions and



shearable to permit movement of the sleeve longitudinally of the mandrel whereby the slips are abutted and move for releasing them from a casing.

1,625,910. CABLE BLOCK. ROBERT P. RAMSEY, Duluth, Minn., assignor to Clyde Iron Works, Duluth, Minn., a Corporation of Maine. Filed Aug. 29, 1924. Serial No. 734,932. 1 Claim. (Cl. 254—192.)



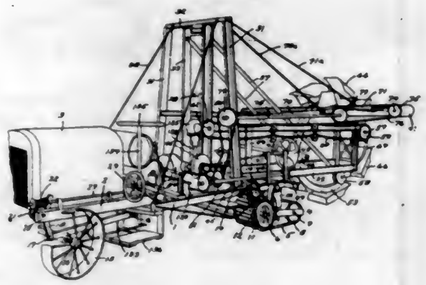
In a cable block, the combination of a frame comprising two side members, the latter being duplicates, a pulley mounted between said side members, a clevis pivotally attached at one end to one of said side members, and an angularly related arm on said clevis adjacent such pivotally attached end adapted to extend entirely across the space between said side members, such space being left clear when said clevis is swung upwardly about its axis, said side members having upwardly and outwardly inclining faces symmetrically disposed with the center line of the block and said arm being formed with faces complementary to those on said side members and adapted to contact therewith in the closed position of said clevis.

1,625,911. GOLF TEE. HAROLD L. RICHARDS, Crystal Falls, Mich. Filed Oct. 5, 1926. Serial No. 139,694. 1 Claim. (Cl. 273—33.)



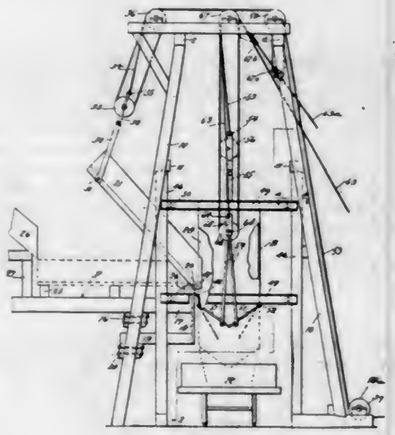
A golf tee comprising an elongated peg provided with a ball seat at one end portion and a disc threaded upon the peg for adjustment lengthwise thereof and operating to limit the extent of insertion of the peg within the ground.

1,625,912. EXCAVATING MACHINE. BENJAMIN M. ROLPH, Dixon, Ill. Filed Aug. 2, 1924. Serial No. 729,840. 8 Claims. (Cl. 37—97.)



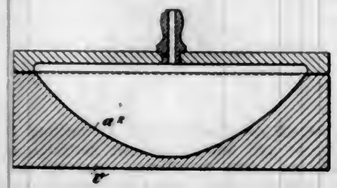
1. A device of the class described, comprising an automotive vehicle, a frame pivotally mounted in said vehicle so as to swing, in a horizontal plane; an excavating wheel rotatably mounted in the free end of said swinging frame, means for imparting the force of the motive element of said vehicle to said frame, to give an oscillating movement thereto; and means for imparting the force of said motive element to said ditching wheel, to cause a rotatory movement thereof, coincidently with the oscillating movement of said frame.

1,625,913. MATERIAL-HANDLING DEVICE. WALTER S. RUSSELL, Los Angeles, Calif. Filed June 16, 1926. Serial No. 116,264. 7 Claims. (Cl. 214—41.)



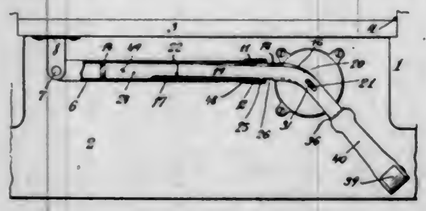
1. In a device of the character described, a supporting frame, a dump bucket associated with the frame, downwardly opening gates for the discharge mouth of the bucket, said bucket being open at one side and being movable vertically with respect to the frame whereby the elevation of the discharge mouth may be varied, means for so moving the bucket; a loading chute pivotally mounted on the frame and normally supported in horizontal position to receive its load, the chute being adapted to deliver its load to the bucket through said open side when the chute is pivotally moved out of horizontal position, and means for moving the chute pivotally.

1,625,914. METHOD OF MAKING THIN-METAL SHAPES. GEORG SEIBT, Berlin-Schoneberg, Germany. Original application filed July 23, 1923. Serial No. 653,396. Divided and this application filed Sept. 26, 1924, Serial No. 740,108, and in Germany Jan. 9, 1923. 3 Claims. (Cl. 113—44.)



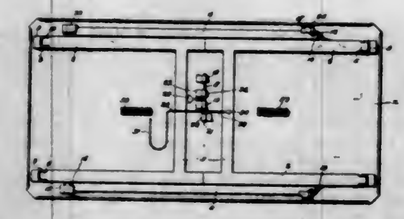
1. A method of making extremely thin foil-like sound reproducing diaphragms which comprises clamping a thin sheet of aluminum around its edges and producing a drawing pressure on one surface of the metal by means of a plastic medium until the metal is reduced to a thickness less than .05 of a millimeter.

1,625,915. FRICTION CASEMENT-WINDOW ADJUSTER. EDWIN J. SIBLEY, Westbury, N. Y. Filed Dec. 17, 1925. Serial No. 75,935. 8 Claims. (Cl. 292—275.)



1. A casement window adjuster comprising a support, a pair of levers mounted to swing thereon, a tube slidably mounted on said levers, a handle, a rack on one of the levers and a pinion secured to said handle in engagement with the said rack for operating the said one lever into frictional engagement with the said tube.

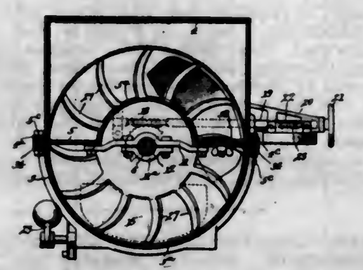
1,625,916. COMBINED SEAT SUPPORT, TABLE, AND LUGGAGE CARRIER FOR AUTOMOBILES. DICK C. SLATER, Latrobe, Pa. Filed Sept. 24, 1924. Serial No. 739,679. 19 Claims. (Cl. 45—11.)



1. An article of the class described comprising a top, legs arranged in pairs and hinged to the top and provided with connecting bars, extension leg members also arranged in pairs and having connecting bars, said extension leg members and their cross bars conforming to the configuration of the hinged leg members and the cross bars thereof and fitting against the same and detachable and reversible whereby the device may be elevated for use as a table, and means for securing the hinged legs and the extension legs in either position of the latter for holding

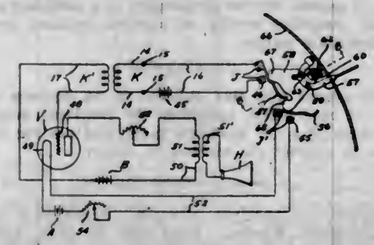
the legs in rigid relation with the top, the cross bars of the extension leg members fitting against the cross bars of the legs in both positions of the said extension leg members.

1,625,917. FEEDING AND MIXING MACHINE CONNECTED IN GANGS. SIMON SNYDER, Muncy, Pa., assignor to Sprout, Waldron & Co., Muncy, Pa., a Corporation of Pennsylvania. Filed Apr. 7, 1926. Serial No. 100,427. 14 Claims. (Cl. 83—44.)



1. A machine of the character described comprising a casing having an intermediate partition and a feed hopper at one side of said partition and a delivery chamber at the other side thereof and having a discharge opening in its bottom within said delivery chamber, a vertical shaft having its bearings within said delivery chamber in vertical alinement centrally of said bottom, a feed wheel on said shaft having a centrally disposed hub-like portion with spaced conveyor arms projecting outwardly therefrom into close proximity to cylindrical walls of the casing, and a feed regulating device consisting of an oscillatory plate underlying said feed wheel between it and said bottom, and means for adjusting said plate so as to vary the size of said discharge opening.

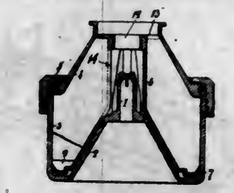
1,625,918. ELECTRIC PHONOGRAPH. ADOLPH A. THOMAS, New York, N. Y. Filed Feb. 10, 1926. Serial No. 87,306. 29 Claims. (Cl. 179—100.1.)



1. An electric phonograph reproducer comprising a casing, a fixed coil mounted in said casing, a needle arm pivoted to said casing, a coil carried by the inner end of said needle arm to vibrate in inductive relation to said fixed coil, said coils being so arranged that their axes are substantially at right angles to the plane of vibration of said needle arm, and operative circuit connections for said coils.

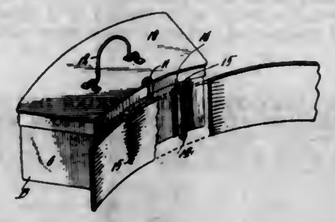
1,625,919. CENTRIFUGAL SEPARATOR. THOMAS CHRISTIAN THOMSEN, Copenhagen, Denmark, assignor to Messrs. Koefoed, Hauberg, Marstrand & Helweg Aktieselskabet Titan, Copenhagen, Denmark. Filed July 9, 1926, Serial No. 121,402, and in Denmark Mar. 8, 1926. 3 Claims. (Cl. 233—33.)

1. A centrifuge for removing suspended substances from liquids, comprising, a bowl having an opening centrally disposed in the top thereof, a plurality of pairs of walls extending outward from the center of the bowl,



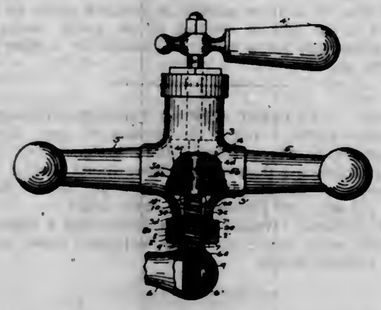
each pair of walls forming a cell, and an opening in the rear wall of each cell communicating with the space between the cells.

1,625,920. BOX. FRED A. THURMAN, Apache, Okla. Filed Aug. 11, 1924. Serial No. 731,412. 2 Claims. (Cl. 224—26.)



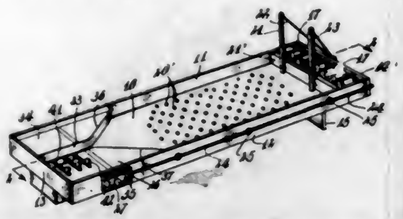
1. A box of the class described including a pair of channel irons disposed interiorly thereof, a partition engaged with said channel irons in order that it may be removed, a third channel iron on the partition, a fourth channel iron on the interior of the box, and a substantially T-shaped partition having two of its terminals engaged with the third and fourth channel irons all in the manner and for the purpose specified.

1,625,921. FLOW REGULATOR FOR FAUCETS. ORVIS W. VALLIER, Watertown, N. Y., assignor to J. B. Wise Incorporated, Watertown, N. Y., a Corporation of New York. Filed Dec. 6, 1926. Serial No. 152,929. 4 Claims. (Cl. 277—24.)



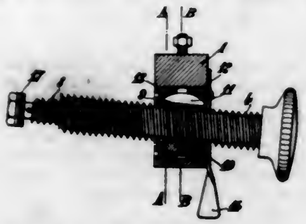
2. In combination with a mixing valve and its housing, a spout having a hollow head, means to swingably connect the head of the spout to the housing of the mixing valve, and an open coil spring having one end disposed in the head and seated on the bottom of the head so as to be supported thereby and having its opposite end disposed adjacent to the mixing valve said means engaging the central part of the spring so as to compel the fluid to pass through the interior of the spring to reach the spout.

1,625,922. PRIZE-GAME DEVICE. SAMUEL WEIDENFELD, New York, N. Y. Filed Oct. 21, 1926. Serial No. 143,066. 2 Claims. (Cl. 273—120.)



1. In a prize game device of the class described, a gate member positioned so as to normally retain balls in stalls provided to accommodate the said balls, and a means of raising the said gate member so as to release first smaller balls, and then larger balls therefrom, said means comprising a slide connected to the said gate member, said slide slidably mounted in guide bars, a recess formed in the said slide adapted to be engaged by a plunger and a second plunger, said plungers being urged forward by springs.

1,625,923. OPERATING AND LOCKING DEVICE FOR OSCILLATING PANELS. CHARLES TERRES WEYMANN, Paris, France. Filed Nov. 5, 1926, Serial No. 146,452, and in France Nov. 16, 1925. 10 Claims. (Cl. 74—39.)



1. A device for operating and locking an oscillating panel pivoted on a fixed frame comprising in combination a screw, means for connecting this screw to the pivoting panel so that it can freely turn on itself and transmit to the said panel its displacements in translation, a nut for the said screw, the said nut being pivoted on the fixed frame so as to be capable of rotating about an axis parallel to the axis of rotation of the panel, means for causing the said screw to rotate, means for locking this screw in position.

1,625,924. CATALYST FOR SYNTHETIC-METHANOL PRODUCTION. JOHN C. WOODRUFF and GROVER BLOOMFIELD, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Filed May 26, 1926. Serial No. 111,884. 17 Claims. (Cl. 260—156.)

3. A methanol catalyst initially comprising a difficultly reducible metal oxide, an easily reducible metal oxide, and a metallic halide.

1,625,925. CATALYST FOR SYNTHETIC-METHANOL PRODUCTION. JOHN C. WOODRUFF and GROVER BLOOMFIELD, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Filed June 21, 1926. Serial No. 117,612. 12 Claims. (Cl. 260—156.)

1. A methanol catalyst comprising a plurality of difficultly reducible second group metal oxides, a plurality of difficultly reducible metal oxides from the third to seventh groups, and a metallic halide.

1,625,926. CATALYST FOR SYNTHETIC-METHANOL PRODUCTION. JOHN C. WOODRUFF and GROVER BLOOMFIELD, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Original application filed May 26, 1926, Serial No. 111,884. Divided and this application filed Sept. 25, 1926. Serial No. 137,810. 9 Claims. (Cl. 260—156.)

1. A methanol catalyst initially comprising a plurality of difficultly reducible metal oxides, nickel oxide, and a metallic halide.

1,625,927. CATALYST FOR SYNTHETIC-METHANOL PRODUCTION. JOHN C. WOODRUFF and GROVER BLOOMFIELD, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Original application filed May 26, 1926, Serial No. 111,884. Divided and this application filed Oct. 14, 1926. Serial No. 141,665. 9 Claims. (Cl. 260—156.)

2. A methanol catalyst initially comprising a difficultly reducible metal oxide, cobalt oxide, and a metallic halide.

1,625,928. CATALYST FOR SYNTHETIC-METHANOL PRODUCTION. JOHN C. WOODRUFF and GROVER BLOOMFIELD, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Original application filed May 26, 1926, Serial No. 111,884. Divided and this application filed Oct. 14, 1926. Serial No. 141,666. 9 Claims. (Cl. 260—156.)

2. A methanol catalyst initially comprising a difficultly reducible metal oxide, copper oxide, and a metallic halide.

1,625,929. CATALYST FOR SYNTHETIC-METHANOL PRODUCTION. JOHN C. WOODRUFF and GROVER BLOOMFIELD, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Original application filed May 26, 1926, Serial No. 111,884. Divided and this application filed Oct. 25, 1926. Serial No. 144,166. 7 Claims. (Cl. 260—156.)

1. A mechanical catalyst initially comprising zinc oxide, chromium oxide, iron oxide and zinc chloride.

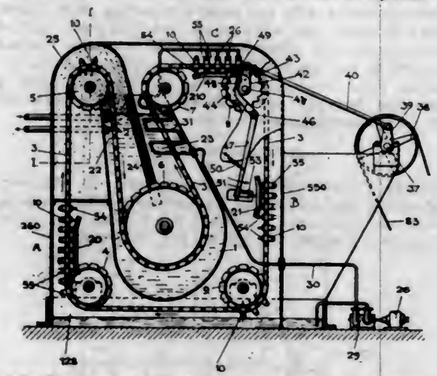
4. A process for the preparation of a methanol catalyst which comprises adding an aqueous solution consisting of chromium nitrate

$$(Cr(NO_3)_3 \cdot 9H_2O),$$

ferric nitrate and zinc chloride to an aqueous suspension of zinc oxide, obtaining the resultant mixture in the form of a dry hardened mass, and heating the said mass to convert the nitrates to oxides.

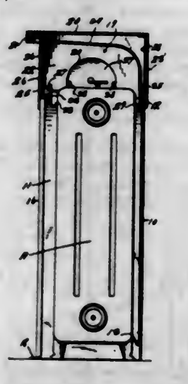
1,625,930. CLEANING DEVICE. PETER ELIS ÅSTRÖM, Gottenborg, Sweden. Filed May 14, 1924, Serial No. 713,319, and in Sweden May 22, 1922. 2 Claims. (Cl. 141—7.)

1. In an apparatus for treating receptacles, a tank adapted to contain a hot liquid bath and having a partition across the top portion, whereby the contents thereof are separated at the top of the tank and communicate only at the bottom of the tank, means for heating the liquid at the inlet side of the tank only arranged adjacent the top of the inlet side of the tank so that the liquid in the tank will be of a higher temperature on the inlet side than in any other part of the tank and of a gradually decreasing temperature from its inlet side to the outlet side, a hood above said inlet portion having a downwardly directed portion providing a passageway for the hot vapors generated in said heated inlet side, said hood being open at its lower end to allow the escape of the cooled vapors as well as the supply to the tank of receptacles to be heated, and means for conveying said receptacles through said passageway from its open end to the inlet side of the tank and thereafter through said hot liquid bath to the outlet side of the tank, whereby the temperature of the receptacles is



gradually increased from the open end of said vapor passageway to the inlet of the tank and gradually decreasing from the inlet of the tank to the outlet of the same.

1,625,931. RADIATOR CASING OR COVER. BERT BAXTER, Welch, W. Va., assignor to Baxter & Company, Welch, W. Va., a Corporation of West Virginia. Filed July 1, 1926. Serial No. 119,958. 5 Claims. (Cl. 257—136.)



3. A casing for radiators comprising a lower section formed with a back and ends, the ends being inwardly flanged to provide portions extending vertically along the front of the radiator at each end thereof and from top to bottom of the radiator casing, said portions defining a front opening extending from top to bottom of the casing, the lower section having a height approximately that of the radiator, a removable top section fitting over the top of and supported by the lower section and including a back, ends, a front plate and a top, the front plate having apertures, and a deflector disposed within and carried by the top section and extending upward and forward from the lower margin of the back plate of the top section to the upper margin of the front thereof.
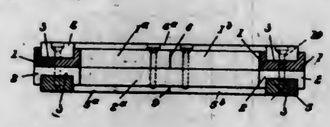
1,625,932. NONGLARE ATTACHMENT FOR REFLECTORS. ROY L. BERG, New Ulm, Minn. Filed May 29, 1924. Serial No. 716,617. 1 Claim. (Cl. 240—45.)

The combination with a headlight comprising a reflector and a light bulb having an axis normally disposed substantially horizontally, of a plate disposed diagonally above said bulb and in the reflector with its central transverse axis extending at an angle substantially of 45 degrees to the vertical, a rod journaled in the reflector to which said plate is secured, said rod having one end bent at an angle, a tension spring secured to



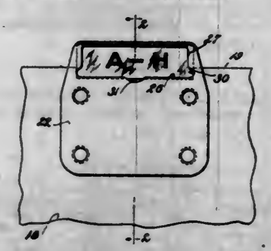
said end adapted normally to hold said plate in inoperative position against the reflector, and said rod having its other end bent to form an operating arm, and means adapted to be pulled upon by the operator for swinging said arm and rod and said plate.

1,625,933. FRICTION BODY FOR MULTIPLE-DISK CLUTCHES AND THE LIKE. JULIUS BING, Eisenach, Germany, assignor to Magnet-Werk G. m. b. H. Eisenach Spezialfabrik für Elektromagnet-Apparate, Eisenach, Germany. Filed Mar. 19, 1926, Serial No. 96,058, and in Germany Apr. 20, 1925. 10 Claims. (Cl. 192—107.)



1. In a friction body for friction clutches and the like, a supporting ring comprising two sectors, an adjacent friction ring comprising two sectors, the sectors of the friction ring being secured to the sectors of the supporting ring in such a way that all dividing joints between the sectors of the friction ring are in staggered relationship to the joints between the sectors of the adjacent supporting ring.

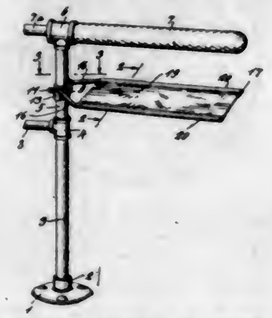
1,625,934. INDEX CARD. CHARLES H. COBB, Newton, Mass., assignor, by mesne assignments, to Service Bureau, Inc., Cambridge, Mass., a Corporation of Massachusetts. Filed Sept. 11, 1926. Serial No. 134,778. 5 Claims. (Cl. 129—16.8.)



1. An index card having a cut-away portion adjacent its upper edge, the lower edge of the cut-away portion being spaced below the top edge of the card, and a tab consisting of a folded piece of sheet material attached to the card over the cut-away portion, said tab having a window opening extending downwardly to ap-

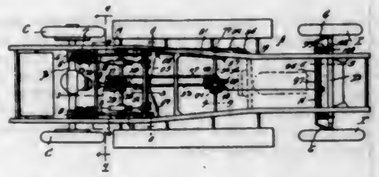
proximately the lower edge of the cut-away portion, the lower margin of the window overhanging said portion to provide a flange behind which a label may be slipped when inserted into the window.

1,625,935. DRY-STEAM SLEEVE-FINISHING BOARD. IRWIN W. COX, Denver, Colo. Filed Oct. 15, 1926. Serial No. 141,737. 2 Claims. (Cl. 211—27.)



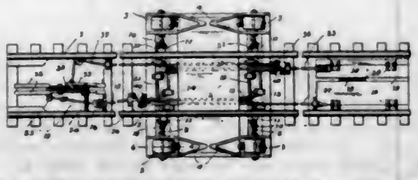
1. A supporting shelf adapted to be secured to a vertical support, comprising, a collar having a central opening adapted to receive said support and two openings for the reception of supporting bars, one of said last named openings being located on each side of the central opening, a bar having one end secured in each of said openings means for adjustably securing the collar to the support and a fabric stretched between said arms.

1,625,936. COMBINATION BRAKE AND JACK MECHANISM FOR AUTOMOBILES. ELMER FERRY and CORA FERRY, Buffalo, N. Y. Filed Apr. 13, 1926. Serial No. 101,698. 19 Claims. (Cl. 188—5.)



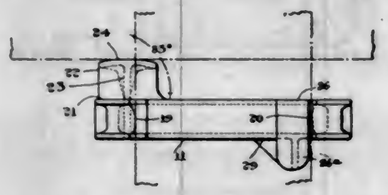
1. A combined braking and jacking mechanism including, in combination, an outer tubular member, and an inner tubular member, means for extending the inner member from the outer member, a shank slidable in the inner tubular member, means for extending the shank from the inner tubular member, means for rockably mounting the outer tubular member on a vehicle, and a yieldable brace for normally maintaining the mechanism in a predetermined position.

1,625,937. RAILROAD GATE. PACIFICO FRULLA, Memphis, Tenn. Filed Aug. 3, 1926. Serial No. 126,887. 4 Claims. (Cl. 246—293.)



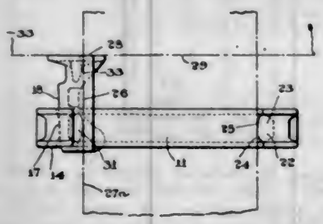
1. In an apparatus for the purpose set forth, the combination of gates mounted for rocking movement in a vertical plane, a main operating lever mounted at a distance from the said gates, yieldable means for holding the said lever in position to receive impact from a locomotive, operative connections between the lever and the several gates whereby to lower the gates, yieldable means connected with the gates for holding them raised, means to engage the main levers and hold them against reverse movement after actuation, a releasing element disposed at the opposite side of the gates from the actuating lever to be rocked by a locomotive, and a connection between the said releasing lever and the said restraining means.

1,625,938. RAIL ANCHOR. HARRISON H. GIFFORD, Montreal, Quebec, Canada, assignor to Holden Company Limited, Montreal, Canada. Filed Aug. 16, 1926. Serial No. 129,592. 4 Claims. (Cl. 238—330.)



1. A rail anchor comprising a single casting extending in the transverse direction of the rail, and contacting with the base thereof, said casting having upwardly projecting portions, one of which is grooved so that its uppermost edge overlies the rail base, metallic inserts fitting snugly into recesses formed in the projections and surrounded by metal comprising same, so that there is no relative movement between them, said inserts having teeth which contact with each side of the rail flange and bite into same to hold the anchor in position.

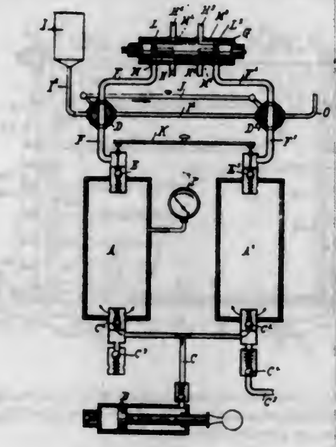
1,625,939. RAIL ANCHOR. HARRISON H. GIFFORD, Montreal, Quebec, Canada, assignor to Holden Company Limited, Montreal, Quebec, Canada. Filed Aug. 16, 1926. Serial No. 129,593. 3 Claims. (Cl. 238—324.)



1. A rail anchor comprising, a main body portion adapted to extend transversely of a rail and having an upwardly turned portion at each end, one grooved to form a guide, and a wedge shaped member fitting into said guide and grooved on one side to fit over the edge of the rail flange, and metal inserts fitting in recesses in the main body portion and the wedge shaped portion on their sides adjacent the rail flanges, said inserts having toothed projections adapted to cut into the edges of the rail flanges.

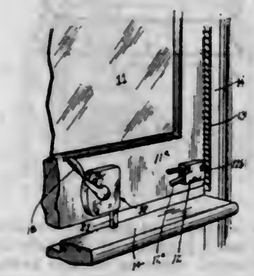
1,625,940. METHOD AND MEANS FOR STARTING INTERNAL-COMBUSTION ENGINES. NICOLAS HERZMARK, Paris, France. Filed Nov. 21, 1924, Serial No. 751,416, and in France Nov. 23, 1923. 5 Claims. (Cl. 123—179.)

1. A starting device for use in starting a multiple cylinder internal combustion engine comprising, a plurality of chambers for receiving compressed injecting material, a distributor, separate connections from the chambers to the distributor, means connecting one of the



chambers through the distributor to a cylinder at compression stroke position, and means connecting another chamber through the distributor to a cylinder at expansion stroke position.

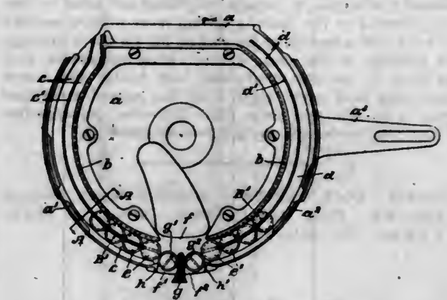
1,625,941. WINDOW-SASH STARTER. MAURICE J. HOFFENBERG, New York, N. Y. Filed June 2, 1925. Serial No. 34,279. 5 Claims. (Cl. 268—132.)



1. A window sash starting and lifting device comprising a casing, a plunger bolt and a gear for actuating said bolt in said casing, said casing, bolt and gear carried by the sash, the sash and the entire device being adapted to move with respect to the window sill.

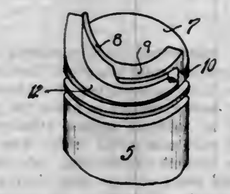
1,625,942. BOBBIN BATTERY FOR AUTOMATIC WEFT-REPLENISHING LOOMS. DENIS MACHELL HOLLINS, Blackburn, England, assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Feb. 7, 1925, Serial No. 7,724, and in Great Britain Dec. 6, 1924. 6 Claims. (Cl. 139—245.)

1. A battery for automatic filling replenishing looms comprising a plate having parallel flanges presenting a compartment to receive the butts of a plurality of superimposed bobbins and having an end wall presenting a central longitudinally extending rib to engage diametrical



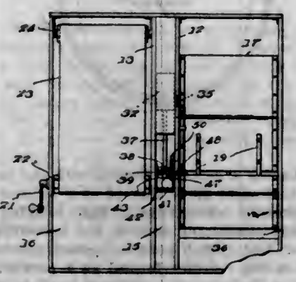
recesses upon the butts of the bobbins and to prevent rotation of the bobbins during their passage through the compartment.

1,625,943. PISTON. THOMAS A. HUTSELL, Spokane, Wash., assignor to Hutsell Motor Company, Spokane, Wash. Filed Dec. 21, 1925. Serial No. 76,647. 3 Claims. (Cl. 123—59.)



3. A piston having a closed head and fashioned with an inset baffle plate of arcuate form, an annular flange on part of said plate forming an exterior lateral groove and an abutment shoulder closing one end of said groove, said shoulder and flange extending to the periphery of the said piston, and a spiral face of said head exterior of the uncovered portion of the plate for guiding swirling currents of gas.

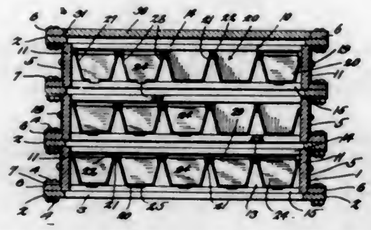
1,625,944. DISPENSING AND ADVERTISING DEVICE. HULBERT A. JONES, Ada, Okla. Filed Oct. 5, 1923. Serial No. 666,775. 1 Claim. (Cl. 194—22.)



In a dispensing and advertising device, a vertically disposed coin chute provided with a slot, a slotted coin holder mounted for sliding movement in the chute, a

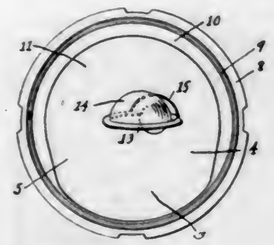
weighted lever pivotally mounted intermediate its ends and having one end pivotally secured to the coin holder, a rotatably mounted shaft arranged at right angles with respect to the lever, a cam shaft fixed to said shaft and normally arranged to engage the weighted lever to prevent rotation of the shaft, a second lever pivoted midway its ends and adapted to be rocked on its pivot through the medium of the cam, a cover plate associated with the slots of the coin chute and coin holder and means connecting said cover plate with the second mentioned lever to operate said cover plate following the operation of the coin holder for the purpose specified.

1,625,945. TOOL CABINET. HARRY S. KUHN, Waynesboro, Pa. Filed May 22, 1925. Serial No. 32,159. 1 Claim. (Cl. 211—7.)



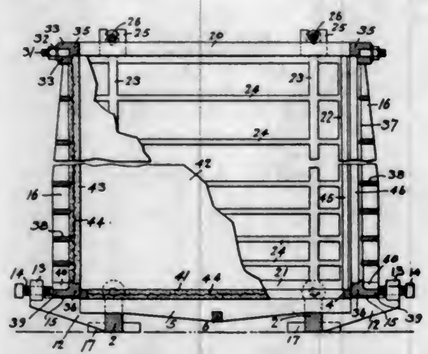
A cabinet for supporting trays including a body portion, said body portion embodying side members, each of the side members being constructed of a plurality of horizontally disposed bars arranged in pairs, the pairs of bars being supported in vertical spaced relation with each other, one bar of each pair being wider than its adjacent bar to provide a support, upstanding side members positioned between the pairs of bars, and resting on the supports, angle members secured to the spaced bars and upstanding side members to secure them in position.

1,625,946. HEAD LAMP. JOHN H. LAIRD, Louisville, Ky. Filed Mar. 13, 1924. Serial No. 699,053. 1 Claim. (Cl. 240—41.)



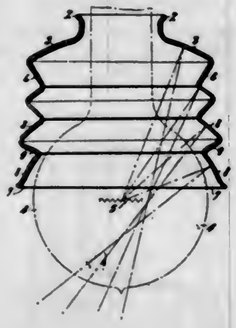
A lamp having a deflector formed with the part thereof above the horizontal plane thereof as a catenary of revolution adapted to reflect rays of light striking the same from a focus converging toward the horizontal axis of the reflector, and with a portion located centrally of the lower half of the reflector formed as a parabola of revolution having its focus at a distance equal to the parameter of the catenary, and with the intermediate portions from the horizontal plane to the beginning of the parabola curved off to smoothly join the two curves of revolution already noted.

1,625,947. MOLD FOR CASTING CLAY BLOCKS AND THE LIKE AND METHOD OF MOLDING. JAMES M. LAMBIE and DONALD W. ROSS, Washington, Pa. Filed Jan. 10, 1925. Serial No. 1,593. 31 Claims. (Cl. 25—129.)



1. A mold side comprising an open-work relatively rigid frame, provided intermediate its edges with a molding surface of porous plaster-like material.
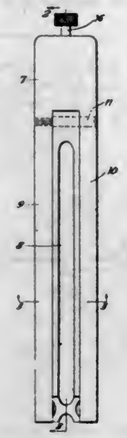
1,625,948. LAMP REFLECTOR. NIELS LANG, Vancouver, British Columbia, Canada, assignor to Lang's Daylight Limited, Vancouver, Canada. Filed May 14, 1923, Serial No. 638,874. Renewed Oct. 21, 1926. 3 Claims. (Cl. 240—103.)



1. A tubular shaped light reflector, comprising a body having a neck and a plurality of co-axially arranged annular frusto-spherical reflecting surfaces having their centers of curvature arranged at different points along the direction of the longitudinal axis of the reflector, said reflecting surfaces being connected by annular co-axially arranged reversely disposed reflecting surfaces.

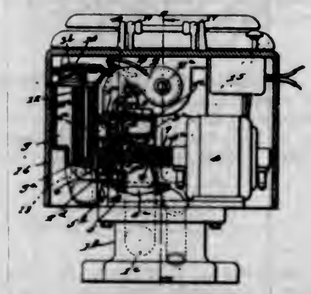
1,625,949. STRAIGHTEDGE INSTRUMENT. GILBERT LEE, Rockford, Ill. Filed Nov. 5, 1923. Serial No. 672,721. 1 Claim. (Cl. 33—82.)

A straight edge instrument of the character described, comprising a main body member of bifurcated form to provide a head end and spaced parallel arms projecting therefrom arranged to straddle a board or the like, the edges of the arms providing straight edges for scribing purposes, a swingable arm pivotally mounted between the rigid arms at the head end and also providing straight edges for scribing purposes, the head end of the body member having a right angle portion on one side thereof to serve as a stop to limit the pivotal movement of the pivoted arm at a position of the arm 90° with respect to the body member and having a bevel portion on the other side of the head end at an angle of approximately 45° with respect to the right angle portion whereby to serve as a stop for the pivoted arm to limit the movement there-



of when the same is swung to a position making an angle of approximately 135° with respect to the body member, and means for securing the pivoted arm in any intermediate or limit position of angular adjustment with respect to the body member.

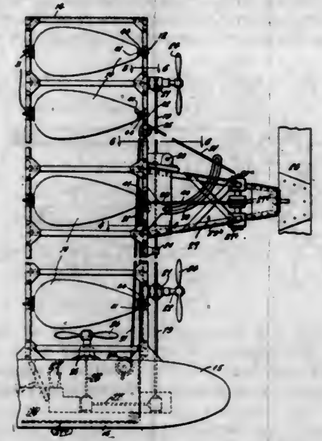
1,625,950. MARINE WATER-CLOSET. ULYSSES G. LEE, Chicago, Ill., assignor to U. G. Lee & Co. Inc., Chicago, Ill., a Corporation of Illinois. Filed Jan. 8, 1926. Serial No. 80,030. 12 Claims. (Cl. 4—77.)



1. In a marine water closet, a bowl having inlet and outlet passages, supply and eduction pumps in said passages, the eduction pump having a greater capacity than the supply pump, means for operating said pumps simultaneously, and means for keeping the supply pump submerged in water while the eduction pump is allowed to drain back into the bowl.

1,625,951. DIRIGIBLE AIRSHIP. WARREN LEMON, St. Louis, Mo. Filed Oct. 6, 1925. Serial No. 60,749. 5 Claims. (Cl. 244—6.)

1. In a dirigible airship, the combination of a rigid framework, a plurality of gas bags supported by said framework in superimposed relation, a car carried by the lower end of said framework, horizontally disposed propellers mounted in said framework for propelling said airship, a horizontally disposed frame pivotally supported on said framework and extending rearwardly therefrom, and a rudder operatively mounted on said frame for steering said airship, said frame having operative connection



with said framework for permitting the displacement of said frame and rudder in a vertical plane in close proximity to said framework.

1,625,952. PHOTOMICROGRAPHIC CAMERA. FRANCIS F. LUCAS, East Orange, N. J. Original application filed Nov. 22, 1921, Serial No. 517,017. Divided and this application filed Dec. 29, 1923. Serial No. 683,290. 2 Claims. (Cl. 88—24.)

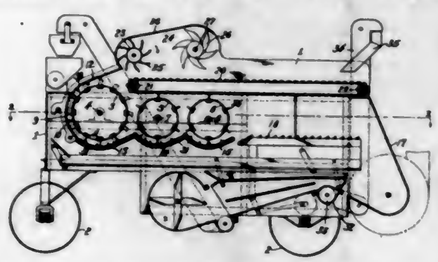


1. The combination with an image-forming device having an adjustable tube, of means for deriving the image formed in said image-forming device, and means for clamping said image deriving means to the adjustable tube of said image-forming device, said clamping means providing for a clearance for different sizes of visual lenses and a set screw for securing said clamping means to said adjustable tube.

1,625,953. THRASHING MACHINE. HERMAN A. LUNDQUIST, Toledo, Ohio, assignor of one-half to The Banting Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed July 23, 1925. Serial No. 45,450. 2 Claims. (Cl. 130—27.)

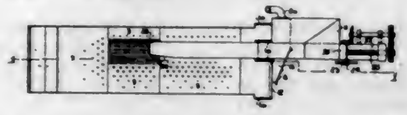
1. In a thrashing machine, the combination of a thrashing drum, a conveyor disposed substantially tangential to the upper part of said drum, a band cutter above said conveyor, a retarder in advance of said band cutter ad-

jacent the forward end portion of said conveyor, a concave at the outer side of said thrashing drum, a breast plate extending from the receiving end of said concave and inclined toward said conveyor, thereby providing a thrashing throat, teeth projecting from said breast plate



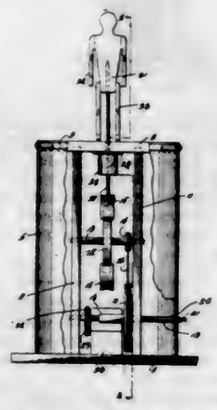
for combing and retarding the movement of material, a grate at the underside of said thrashing drum, and teeth projecting from said grate for effecting a separating and retarding of the movement of the material passing thereover.

1,625,954. FURNACE. ANNE JACOBUS MATHYS AUGUST RIDDER VAN DER DOES DE BIJE, The Hague, Netherlands. Filed Aug. 15, 1923. Serial No. 657,591. 3 Claims. (Cl. 110—32.)



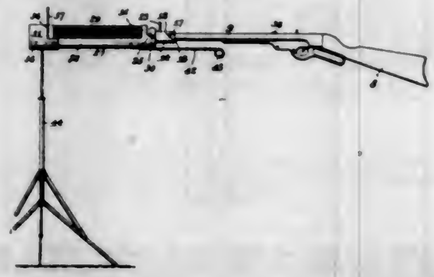
2. In a furnace, a fire bottom including a bar grate portion and a plate grate portion, both grate portions in their entirety being arranged in the same plane, a feed ram slidable over the bar grate portion of the fire bottom and a nozzle arranged above the fire on the fire bottom for supplying supplementary air above the fire bed.

1,625,955. DANCING FIGURE TOY. SAMUEL M. MOORE, Sumner, Ill., assignor of one-sixth to William J. Moore, Sumner, Ill., and one-sixth to Rosie A. Welton, one-sixth to Mary Blanchie Moore, one-sixth to Bonnie R. Sagers, and one-sixth to Bert Sagers, Lawrenceville, Ill. Filed Dec. 24, 1925. Serial No. 77,598. 3 Claims. (Cl. 46—40.)



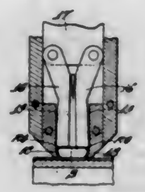
1. A device of the character described comprising a casing, a cam member comprising a circular disk and eccentric projections mounted on the disk secured upon a rotatable transverse shaft, means for rotatably operating the shaft and cam member, a rod movably mounted in the upper portion of the casing arranged to contact with the cam member and reciprocated thereby, and a figure having flexible limb members pivotally secured thereto mounted on the upper end of the rod.

1,625,956. SAFETY TARGET ATTACHMENT FOR AIR RIFLES. JOHN B. MULHOLLAND and ALFRED F. BORSCHEL, Buffalo, N. Y. Filed Mar. 29, 1922. Serial No. 547,663. 9 Claims. (Cl. 124—15.)



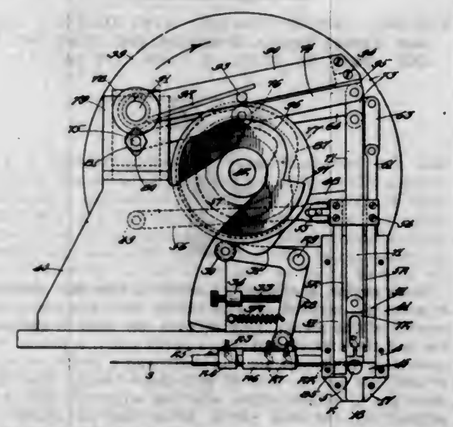
1. The combination with a rifle, of a sleeve detachably secured to the outer end of the barrel of said rifle, an annulus surrounding said sleeve and pivotally secured thereto, an elongated frame pivotally secured to said annulus and having its pivots at right angles to the pivots of said annulus, and means for supporting a target at the outer end of said frame.

1,625,957. METHOD OF APPLYING FASTENERS. JAMES H. REED, Swampscott, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Feb. 2, 1923. Serial No. 616,621. 17 Claims. (Cl. 1—2.)



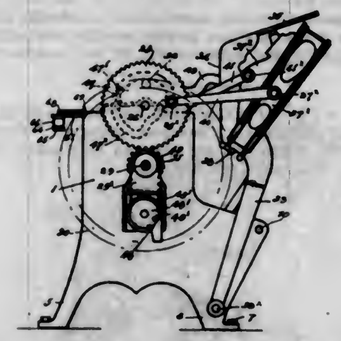
1. The method of driving and anchoring staples which consists in applying driving force to the head of a staple and, while forcing the legs of the staple into the work, deflecting them relatively to the portions of the head that are respectively adjacent thereto to anchor them in the work by engaging them on that side of the work from which the staple is driven.

1,625,958. STAPLING MACHINE. JAMES H. REED, Swampscott, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed July 2, 1923. Serial No. 648,935. 40 Claims. (Cl. 1—20.)



1. A machine for driving fasteners having a driver and a clinching member located at the same side of the work.

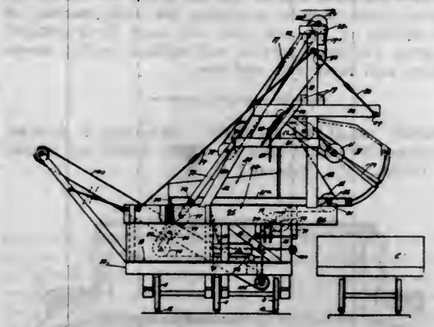
1,625,959. PRINTING MACHINE. WILLIAM GEORGE REYNOLDS, Grandview, Manitoba, Canada. Filed Oct. 2, 1925, Serial No. 60,064, and in Canada Oct. 18, 1924. 12 Claims. (Cl. 101—287.)



1. In a printing machine in combination, a platen mounted to permit placement of a stack of paper sheets therebenearth, means for creating and maintaining a suction of air towards the face of the platen to draw the uppermost sheet of the stack towards the platen and subsequently hold the same thereon, means for rotating the platen to printing position and for returning the same, means for shifting the stack of paper to clear the rotating platen and for returning the stack to its initial position and means for withdrawing a sheet of paper from the platen subsequent to the return of the same.

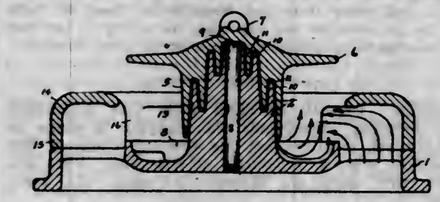
1,625,960. MATERIAL-HANDLING DEVICE. WALTER S. RUSSELL, Los Angeles, Calif. Filed Jan. 4, 1926. Serial No. 79,062. 10 Claims. (Cl. 214—41.)

1. In a device of the character described, a dump bucket having a downwardly opening discharge mouth, a pair of closure gates hingedly connected to the bucket adjacent the mouth, and releasable means adapted to hold said gates closed; said means including a pair of links pivotally connected to one another at their upper ends and pivotally connected at their lower ends, one to each of said gates, a travelling sheave at the pivotal connection between links, a sheave, stationarily mounted, except for rotation, on the bucket, a cable trained over



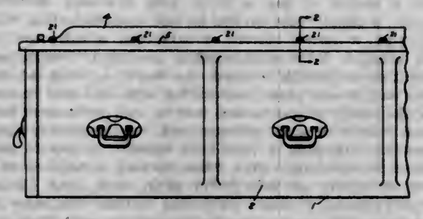
said sheaves, and means for operating said cable to vary the distance between said sheaves and hold them at adjusted position thereby to vary the angular disposition of the links and hold them in adjusted relative angular position, respectively.

1,625,961. OIL BURNER. CARROLL J. SHERMAN and CHARLES H. SHERMAN, Houston, Tex. Filed Mar. 21, 1925. Serial No. 17,374. 3 Claims. (Cl. 158—80.)



1. A burner including a base, a distributer thereon, said base having an air inlet opening adjacent the distributer, a generator cap fitted over the distributer and forming a fuel film channel between them, said burner having a fuel inlet duct terminating in said channel, an annular air regulator on the base forming a mixing chamber between it and the cap into which said channel discharges fuel, said regulator having an air inlet opening adapted to be brought into, and out of registration with the base opening to regulate the flow of air into said chamber.

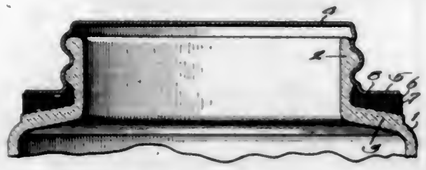
1,625,962. FASTENING DEVICE. RALPH E. SMITH, ROY J. ARNOLD, and JOHN C. GAY, Galion, Ohio, assignors to The Galion Metallic Vault Company, Galion, Ohio, a Corporation of Ohio. Filed July 31, 1925. Serial No. 47,196. 13 Claims. (Cl. 27—35.)



1. In combination, a case, a cover, means to support a fastening member carried on said cover, a fastening member slidably mounted thereon, and means carried by said

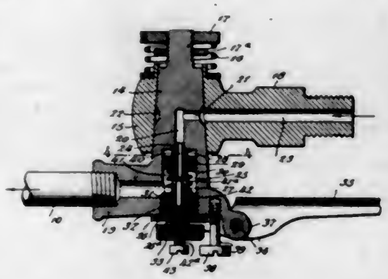
cover for moving said member into and out of engagement with said case to fasten the cover thereon, said means for receiving said fastening member on the case consisting of the wall of the case turned over to form a receiving and engaging portion of the case, said fastening member being adapted to engage the under portion of that portion of the case, and the cover being adapted to engage the upper portion, and resilient sealing means between said cover and said case.

1,625,963. SEALING GASKET. THEODORE J. SNYDER, Chicago, Ill. Filed May 14, 1925. Serial No. 30,260. 1 Claim. (Cl. 215—40.)



A jar having an exteriorly threaded neck and a surrounding shoulder at the base of the neck; in combination with a cap threaded upon said neck and having a base portion overlying said shoulder; and a packing ring of resilient material clamped by the cap between the base portion of the cap and the shoulder of the jar, said packing ring having an annular cavity in each of its lower and upper faces and respectively closed air tight by the jar shoulder and cap base, the cavity in one face of the ring being within the circle of the other cavity.

1,625,964. FLASH IGNITER FOR GAS BURNERS. OTTO SPAHR, Philadelphia, Pa., assignor, by mesne assignments, to Milwaukee Gas Specialty Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 23, 1924. Serial No. 687,887. 2 Claims. (Cl. 158—115.)



1. A gas lighter comprising a valve casing connected with a source of gas, a valve plug rotatably mounted therein, a supply tube carried by and communicating with said plug, a burner carried by said tube, a valve seat in said plug, a valve stem slidably mounted therein and projecting outwardly beyond the same, a valve at the inner end of said stem co-operating with said seat to control the supply of gas to said burner, said valve stem having a restricted axial passage and communicating apertures for supplying a restricted amount of gas to said burner to maintain a pilot flame thereat, a head on said stem exteriorly of said valve plug, said head having parallel spaced recesses extending across the same in diametric directions, a handle pivoted on said plug and having a forked end projecting beneath said head into the recesses thereof for actuating said valve and for pivotally adjusting said valve plug and its associated elements relatively to said casing, and a stop adjustably mounted upon said valve plug and adapted to be engaged by said head to arrest the opening of said valve at a predetermined point.

1,625,965. CONNECTING-ROD ATTACHMENT. HERBERT AUGUST STRUPP, Evansville, Ind. Filed Nov. 3, 1925. Serial No. 66,528. 1 Claim. (Cl. 74—71.)

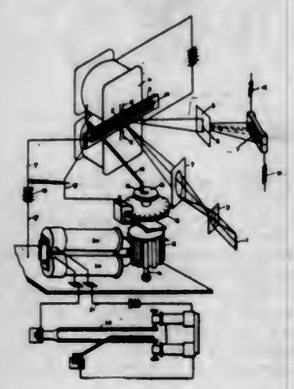


In an engine, a cylinder; a piston reciprocable therein, a wrist pin secured in said piston with the center of gravity of the piston lying between the head of the piston and the axis of said pin, a crank shaft, a piston rod connecting said wrist pin and shaft, and a weight secured to said rod on the side of said shaft remote from the wrist pin to counterbalance said rod, wrist pin, and that portion only of said piston which has its center of gravity coincident with the axis of said wrist pin.

1,625,966. METHOD OF MANUFACTURING DETONATING COMPOSITIONS FOR EXPLOSIVE AND PERCUSSION CAPS. EDMUND VON HERZ, Berlin-Charlottenburg, Germany. Filed Oct. 21, 1925, Serial No. 64,054, and in Germany Oct. 23, 1924. 6 Claims. (Cl. 52—2.)
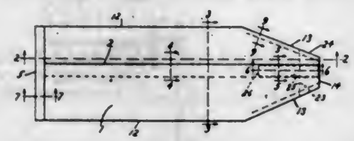
1. A process for the manufacture of priming compositions for detonators and percussion caps, comprising the employment of the metallic salts of the iso-nitro-amines.

1,625,967. PHOTOTELEGRAPHIC APPARATUS. DÉNES VON MIHÁLY, Budapest, Hungary. Filed Dec. 29, 1923, Serial No. 683,429, and in Hungary Jan. 2, 1923. 5 Claims. (Cl. 178—6.)



1. In an apparatus for dividing or assembling pictures into or from their composite elements more particularly adapted for phototelegraphy, the combination of an oscillograph, a frame mounted in said oscillograph to pivot about an axis, a loop mounted in said frame to pivot about an axis arranged at an angle to said first axis, a mirror mounted on said loop, means to oscillate said loop, means to oscillate said frame simultaneously about said axis arranged at an angle to said other axis.

1,625,968. DISPENSING CONTAINER FOR LUBRICATING GREASE, ETC. LOUIS WARE, Miami, Ariz. Filed May 25, 1925. Serial No. 32,634. 3 Claims. (Cl. 229—53.)

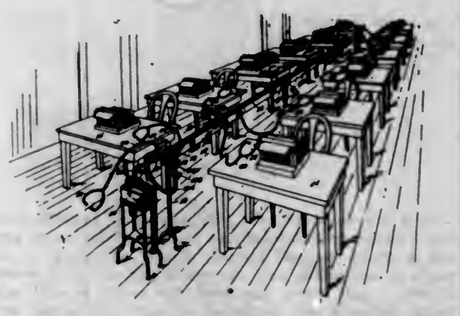


3. A dispensing container comprising two flat side walls of flexible material which are substantially parallel throughout and which are directly connected to each other at two lateral edges and at one end so that their inner faces lie in contact with one another substantially throughout, said side walls being free from connection to one another at the other end so as to provide an opening, and said lateral edges tapering, throughout at least a portion of the length, inwardly toward said opening.

1,625,969. LUBRICANT. HARRY H. WILLOCK, SAMUEL J. CAPLAN, and JOSEPH E. BARB, Pittsburgh, Pa., assignors to Waverly Oil Works Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Aug. 30, 1921, Serial No. 497,032. Renewed Sept. 3, 1926. 6 Claims. (Cl. 87—9.)

1. A lubricant comprising a hydrocarbon oil, aluminum oleate, oleic acid, and a lime soap.

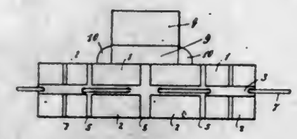
1,625,970. SOUND DISTRIBUTING AND TRANSMITTING MEANS AND METHOD. CHARLES K. WOODBRIDGE, Flushing, N. Y., assignor to Dictaphone Corporation, Bridgeport, Conn., a Corporation of New York. Filed Feb. 21, 1924. Serial No. 694,250. 22 Claims. (Cl. 181—18.)



1. An apparatus of the character described including sound-reproducing means, sound-conveying means, a coupling device between the sound-reproducing means and the sound-conveying means and a plurality of listening tubes connected to said sound-conveying means at points at different distances from the sound-reproducing means, and means for causing the sounds emitted at such different points to be substantially the same.

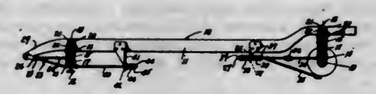
1,625,971. LIFE BELT. JOHN BALDWIN ADAMS, Wellington, New Zealand, assignor to Bertram Egley, Wellington, New Zealand. Filed Oct. 24, 1925, Serial No. 64,673, and in New Zealand July 1, 1925. 2 Claims. (Cl. 9—17.)

1. A life belt adapted to be placed around the upper portion of a person's body, consisting of an upper series and a lower series of buoyant elements separated by vertical webs, a horizontally disposed web arranged between said series of elements joining said vertical webs and provided throughout its extent with spaced eyelets, and a strap extending through said eyelets and having its end extending beyond the ends of the web to permit



said ends to be fastened together after the belt has been donned by the user, a buoyant element above said upper series of elements connected to the upper edge of the belt, and a horizontally disposed web connecting said buoyant element to the upper edge of the belt, substantially as described.

1,625,972. CHASSIS. FRANK W. AYRES, Colby, Kans. Filed May 13, 1922. Serial No. 560,558. 1 Claim. (Cl. 267—20.)



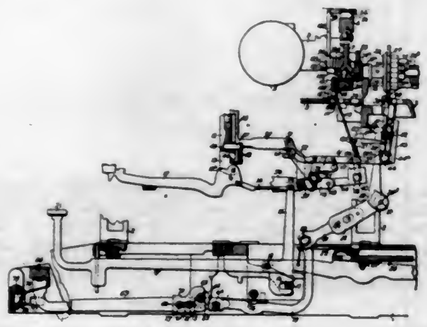
In a chassis, a frame embodying side members, an axle disposed beneath the frame, vertically aligned pairs of spring seats carried by said axle and the side members, a spring disposed intermediate the spring seats of each pair and secured to each thereof, shafts pivotally engaged with the axle at each spring seat thereof and extending through the spring seats of the side members, a spring abutting the upper surfaces of the spring seats of the side members, and means carried by said shaft for adjusting the tension of the last mentioned springs, the pivotal connection of said shafts with said axle comprising a ball and socket, the spring seats of the axle each forming a portion of one of the sockets.

1,625,973. CIRCUIT CLOSER. WILLIAM BANIKA, Stamford, Ontario, Canada. Filed Sept. 18, 1925. Serial No. 57,182. 2 Claims. (Cl. 200—59.)



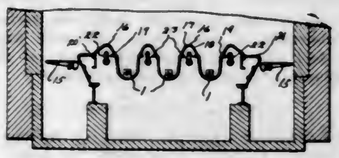
1. A switch including a casing having a block of insulation therein; a rotatably mounted spindle, the insulation being slotted concentric with the spindle; three arcuate contacts mounted in the insulation adjacent the slotted portion, two of the contacts being positioned at opposite sides of the slotted portion and the third contact being common to the other two; a U-shaped arm carried by the spindle; and rotatable connectors carried by the legs of said arms and adapted to be received in the slotted portion, each of the connectors being adapted to engage the said third contact and one of the other two contacts; and a spring connected with the spindle and the casing to normally hold the connectors out of engagement with all the contacts.

1,625,974. TYPEWRITING MACHINE. EDWIN E. BARNEY, New Rochelle, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed Dec. 12, 1925. Serial No. 75,062. 15 Claims. (Cl. 197—112.)



1. In a typewriting machine, the combination of a space bar frame comprising side arms and a connecting space bar; a pivot rod; and plates detachably secured to said side arms for retaining said frame on said pivot rod.

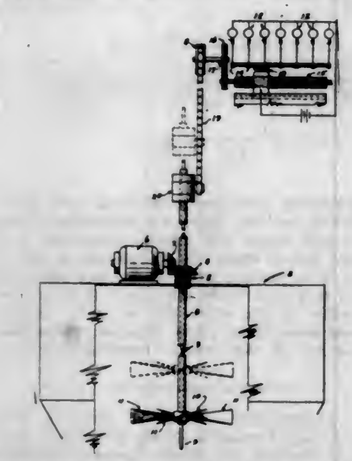
1,625,975. UNDERFEED STOKER. ROYCE L. BEERS, Detroit, Mich., assignor to Detroit Stoker Company, Detroit, Mich., a Corporation of Michigan. Filed Oct. 15, 1923, Serial No. 668,747. Renewed Jan. 3, 1927. 19 Claims. (Cl. 110—44.)



1. In a furnace, an ash receiver at one side thereof, a retort adjacent to one side of said ash receiver, and an air tuyère extending longitudinally of the retort supported along a longitudinal edge by a longitudinal wall of the retort, said tuyère being movable transversely of the retort along the said point of support for shifting consumed fuel laterally onto said ash receiver.

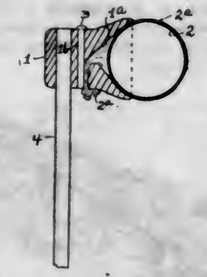
1,625,976. CONTENTS-LEVEL INDICATOR FOR CONTAINERS. GEORGE M. BECHTEL, Montclair, N. J. Filed Feb. 4, 1926. Serial No. 86,018. 1 Claim. (Cl. 33—125.)

In an indicator for the contents of a container, a rotatably mounted wheel with its axis disposed vertically, means for rotating said wheel, an upright tubular shaft slidable through the center of said wheel and having a driving connection therewith, a guide member passing through said shaft and serving to guide the vertical movements of the shaft, a level-seeking device carried by said shaft within the container and comprising blades pitched to cause ascent through the container contents as the shaft is rotated, said device and shaft adapted to move downwardly by gravity, the pitch of said blades causing it and the shaft to move upwardly when the



shaft is rotated, indicating means, and a connection between said shaft and means whereby the vertical movement of the shaft will operate the indicator.

1,625,977. MUSCLE BEATER. HUTCHINSON L. BEVIER, Duluth, Minn. Filed Jan. 22, 1925. Serial No. 4,011. 1 Claim. (Cl. 128—54.)



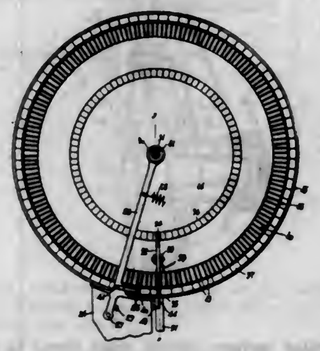
In a muscle beater, the combination of a mallet having a recess formed in one of its ends, said mallet having a clamp passage formed therein extending at an angle to said recess and communicating with said recess, a sack, a ball within said sack, the mouth of said sack being gathered and extending through said recess into said clamp passage, means extending into said clamp passage for clamping the end of said sack therein.

1,625,978. CONTROLLING DEVICE FOR MARINE ENGINES. EUGENE FRANÇOIS JOSEPH BERLAND, Paris, France. Filed Feb. 17, 1922, Serial No. 537,302, and in France Mar. 14, 1921. 1 Claim. (Cl. 137—159.)



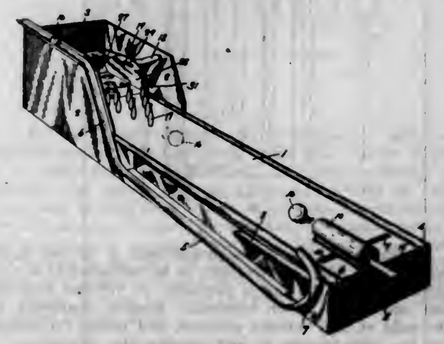
A device for automatically regulating marine engines in accordance with the depth of immersion of the propellers, comprising in combination a receiving and amplifying device of the type adapted to receive and transmit an amplified liquid pressure proportional to the depth of immersion of the propeller, and means for regulating the speed of the marine engine and adapted to be controlled by said amplified liquid pressure.

1,625,979. COIN MAGAZINE. FREDERIC H. BRINKERHOFF, Riverdale, N. J. Filed Aug. 21, 1925. Serial No. 51,581. 22 Claims. (Cl. 133—5.)



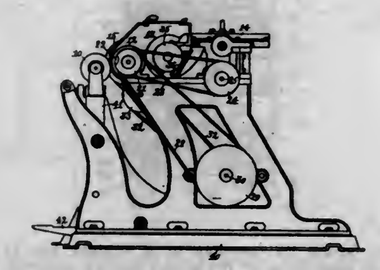
1. A coin magazine comprising movable coin holding means having a series of coin receiving pockets, a coin chute with which said pockets register in succession, means operable for automatically advancing said coin holding means step by step and controlled by the coins as the coins move from the chute into the pockets, and means for paying out one or more of the last coins received by said pockets and returning the coin holding means a corresponding number of steps.

1,625,980. GAME APPARATUS. LOUIS G. BRINKMAN, Dayton, Ohio. Filed July 23, 1926. Serial No. 124,448. 22 Claims. (Cl. 273—38.)



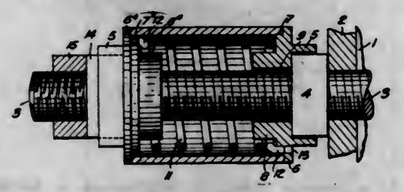
1. In a game apparatus of the character described, the combination with a base supporting article to be knocked therefrom, of a swinging carrier normally positioned below the level of and beyond the margin of the base to receive the article knocked therefrom, swinging links guiding the carrier from such position to a position over the base, the bottom of the carrier being apertured for the deposit of the articles therethrough onto the base, and closure means for the apertures operable upon the to and fro movement of the carrier to open and close the apertures as the carrier approaches the opposite limits of its movement.

1,625,981. MACHINE FOR TREATING HIDES, SKINS, AND LEATHER. JOHN J. BROPHY and WINN E. BROUGHTON, Peabody, Mass., assignors to The Turner Tanning Machinery Company, Peabody, Mass., a Corporation of Maine. Filed May 25, 1922. Serial No. 563,617. 9 Claims. (Cl. 149—16.)



1. In a machine of the character described, in combination, a bed roll to support the hide, skin or leather operated upon, a bladed cylinder co-operating therewith and provided with a shaft, a framework having bearings through which said shaft is extended, an electric motor supported by said frame-work and having its rotor directly connected with one end of said shaft to rotate the bladed cylinder, a pulley mounted on the other end of said shaft, a grinding wheel cooperating with said bladed cylinder and provided with a shaft, a reciprocating carriage, an electric motor mounted on said carriage and having its rotor directly connected with the shaft of said grinding wheel, a shaft for effecting reciprocation of said carriage, and a pulley on the last mentioned shaft connected with the pulley on the shaft of the bladed cylinder.

1,625,982. COMBINED LOCK NUT AND NUT TIGHTENER. HENRY BROWNLEE, Port Hope, Canada. Filed Jan. 11, 1926. Serial No. 80,653. 4 Claims. (Cl. 85—32.)

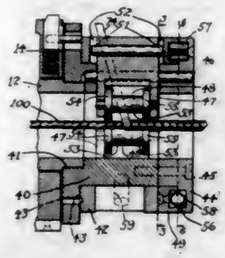


1. In a combined locknut and nut tightener, the combination with a bolt, of a nut threaded thereon, a nut receiving socket member, a second nut threaded on the bolt, means for locking the second nut on the bolt, a second nut receiving socket member, means extending between the socket members whereby the first nut is locked against outward longitudinal and consequently retrograde movement relatively to the second locked nut, and means extending between the socket members and secured to each for turning the first mentioned socket member and its nut upon the bolt being elongated.

1,625,983. METHOD OF AND APPARATUS FOR WRAPPING STRAND MATERIAL AROUND A CORE. HERBERT FRED CARTER, Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 6, 1923. Serial No. 678,982. 31 Claims. (Cl. 117—41.)

1. In a mechanism for serving strand material spirally to a core, a rotatable serving head, a strand material

supply holder carried by the serving head, a serving device rotatable with said head, means carried by said serving device so located as to be out of contact with the served strand material and adapted to support the

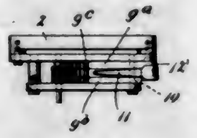


core to insure its traveling in a straight line at the point of application of the strand serving material, and means for subjecting said means to pressure tangentially of the served strand.

1,625,984. ART OF DISTILLING HYDROCARBON MATERIAL. EDGAR M. CLARK, New York, N. Y., assignor to Standard Development Company, a Corporation of Delaware. Filed Jan. 17, 1921. Serial No. 437,998. 5 Claims. (Cl. 196—76.)

1. The process of producing useful hydrocarbon materials which comprises subjecting the pitch residue resulting from the steam distillation of hydrocarbon oils to heat while supplying steam thereto until still wax distills over, then stopping the supply of steam and continuing the heating of the residue to the formation of coke.

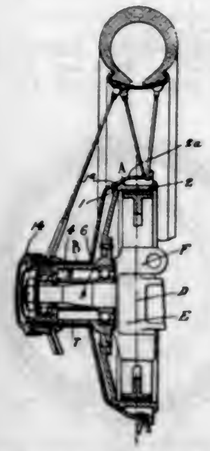
1,625,985. PRESSURE GAUGE. GEORGE H. CLARK, Melrose, Mass., assignor to Crosby Steam Gage & Valve Company, Boston, Mass., a Corporation of Massachusetts. Filed Dec. 5, 1919. Serial No. 342,816. 2 Claims. (Cl. 73—109.)



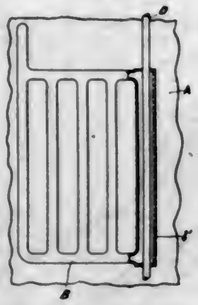
1. In a pressure gauge, in combination, a Bourdon spring tube; a sector; mechanism operatively connecting the spring tube with the sector; a pinion engaged and actuated by the sector; and indicating means actuated by the pinion; the sector comprising a forked member, operatively connected with the spring tube, and a rotatively spring controlled intermediate member; and the members having a common axis and engaging the pinion; together with the controlling spring.

1,625,986. SPOKED METAL WHEEL FOR MOTOR VEHICLES AND THE LIKE. EMILE HENRI COQUILLE, Paris, France, assignor to Rudge-Withworth Limited, Coventry, Warwick, England. Filed Dec. 9, 1922, Serial No. 605,897, and in France Dec. 23, 1921. 4 Claims. (Cl. 301—9.)

2. In combination in a demountable wheel hub an inner and an outer hub part, sleeved barrel regions of said hub parts not larger in diameter than necessary to accommodate the internal mechanism thereof, positive torque transmitting means on said sleeved regions axially slidable one in the other, a screw-threaded member engaging the remote end of one of said sleeved regions and contacting with the other to axially force one part upon the other and a pair of complementary conical clutching surfaces several times larger in diameter than said barrel regions for constituting the sole axial force sustaining abutment and in so doing relieving the positive torque means from sudden force.



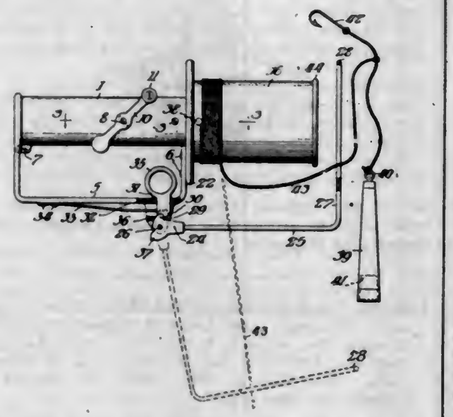
1,625,987. HEATING AND COOLING OF BUILDINGS. RICHARD GODFREY CRITTALL and JOSEPH LESLIE MUSGRAVE, London, England. Filed Sept. 20, 1923, Serial No. 663,863, and in Great Britain Nov. 10, 1922. 1 Claim. (Cl. 257—124.)



A heat exchange device comprising a hollow liquid holding grid adapted especially to be embedded in a concrete wall and having a plurality of vertical portions and upper and lower horizontal headers connected to the ends of said vertical portions, and means for changing the temperature of and causing the circulation of liquid in said grid including a pipe extending vertically through one of said vertical portions and adapted to contain a medium of a different temperature than the liquid in said grid.

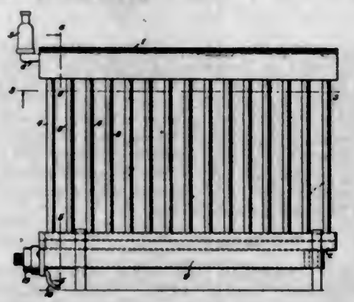
1,625,988. FISHING DEVICE. ANDREW F. DICE, Joliet, Ill., assignor of one-third to George Dice and one-third to Minnie Dice, Joliet, Ill. Filed Mar. 17, 1924. Serial No. 699,676. 16 Claims. (Cl. 43—19.)

1. In a rodless fishing device, the combination of a handle, a reel extending forwardly from the handle in axial alinement therewith, mechanism for rotating the reel, and a guide for feeding the line on to the reel in



a direction transverse to the axis of the handle and swingable laterally toward and away from the same in line with the axis thereof.

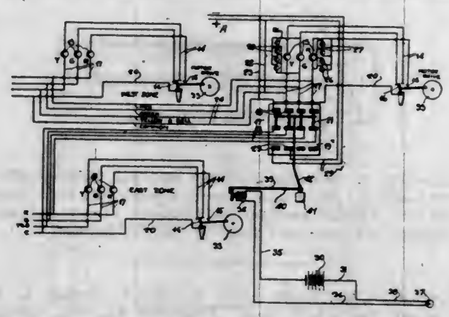
1,625,989. ELECTRIC HEATER. ALLEN M. DUFFIE, Buffalo, N. Y., assignor to William H. Robinson, Buffalo, N. Y. Filed Dec. 26, 1923. Serial No. 682,796. 5 Claims. (Cl. 219—38.)



1. In an electric heater, the combination with a radiator having fluid circulating tubes and a lower head of a casing arranged below said head and providing a chamber, the upper wall of which is provided by the lower wall of said head, a heating element in said chamber, and means of support for said heating element including transversely arranged plates of insulating material and means to provide for the unitary assembly of said plates and element whereby said element and its supporting means may be removed and replaced as a unit with reference to said head.

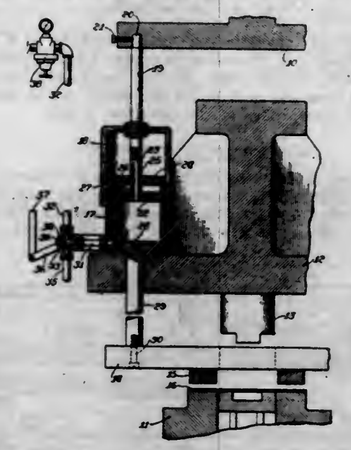
1,625,990. TRAFFIC SIGNAL. HENRY GARRETT, Dallas, Tex. Filed Aug. 29, 1925. Serial No. 53,333. 8 Claims. (Cl. 177—337.)

1. A traffic control signal system including stations grouped in two distinct zones with each station having the usual indicative signals, primary circuits leading from a central power station to both zones with each circuit including all the signals of like indication in the different stations of both zones, means in each zone for normally controlling the selective operation of the indicative signals for that zone for normally controlling traffic, a switching means normally closing the primary circuits between the two zones, a normally open auxiliary circuit leading from a source of energy to the switching means, and mechanism electrically controlled at a distant point



and operative to actuate the switching mechanism to open the primary circuits through the farther zone and to close the auxiliary circuit through one of the lines of signals of like indication in said farther zone.

1,625,991. BLANK-HOLDING MEANS. RUDOLPH W. GLAESNER and OLOF G. NILSON, Chicago, Ill., assignors to Marquette Tool & Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 21, 1922. Serial No. 595,985. 11 Claims. (Cl. 113—46.)



1. A mechanically operated draw press embodying a forming block, a movable element co-operating with the forming block, and yielding blank holding means movable with and with respect to the said element, whereby said movable element will be operable upon the work and will be relieved of the stress of the said blank holding means, the said blank holding means embodying a plurality of yieldable cushion elements, the said cushion elements being disposed above the work.

1,625,992. GAS BURNER. H. MITCHELL GODSEY, Shreveport, La., assignor, by direct and mesne assignments, to Godsey-Murphy Company, Inc. Filed Sept. 14, 1923. Serial No. 662,773. 1 Claim. (Cl. 158—99.)

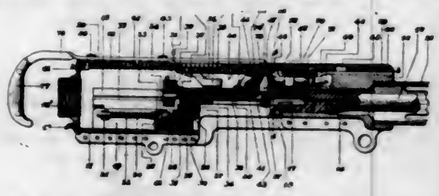
A gas burner comprising a block, a gas chamber adapted to receive a gaseous fuel and supported in spaced relation to the inner end of said block, the space between said block and said chamber being open to the atmosphere, said block having a plurality of Venturi passages formed therein and extending from said air space to the outer end

of said block to form burner ports, said block also having a plurality of air passages arranged to conduct air to the outer end of said block adjacent said burner ports, and a



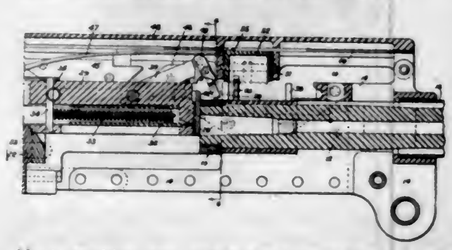
plurality of discharge ports for said gas chamber adjacent said air space and directed towards the inner ends of said Venturi passages to discharge streams of gas through the space and into the Venturi passages.

1,625,993. MACHINE GUN. WALTER T. GORTON, U. S. Army, Springfield, Mass. Filed July 12, 1922. Serial No. 574,558. 18 Claims. (Cl. 89—33.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



15. In an automatic gun the combination of a breech casing having a transverse cartridge feeding channel, a mechanism for at will feeding cartridges into said channel from left to right, or vice versa, and an extractor operable irrespective of the direction of feed.

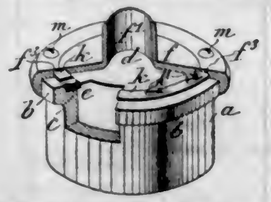
1,625,994. MACHINE GUN. WALTER T. GORTON, U. S. Army, Springfield, Mass. Filed July 11, 1924. Serial No. 725,440. 12 Claims. (Cl. 89—33.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



12. A machine gun embodying a reversible cartridge feeding mechanism, recoil operated means for operating said mechanism either right or left handed, an extractor pivotally mounted in said means and an ejector mountable on either side of the extractor.

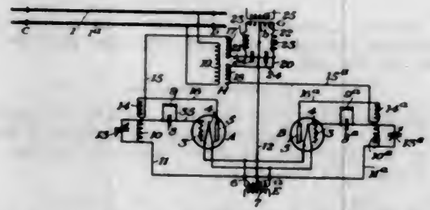
1,625,995. TELEPHONIC RECEIVER. EDWARD ALFRED GRAHAM, Brockley, England; Maria Graham and Alfred Graham executrix and executor of said Edward Alfred Graham, deceased. Filed May 31, 1924, Serial No. 717,063, and in Great Britain June 14, 1923. 8 Claims. (Cl. 179—115.)

1. A telephonic receiver comprising a casing provided with a seat, an electro-magnetic diaphragm influencing system within said casing, a diaphragm extending over said diaphragm influencing system and supported by said seat, substantially rigid damping material arranged between said seat and the peripheral portion of said diaphragm and against which the latter bears, an outer abutment and spring means arranged between the outer



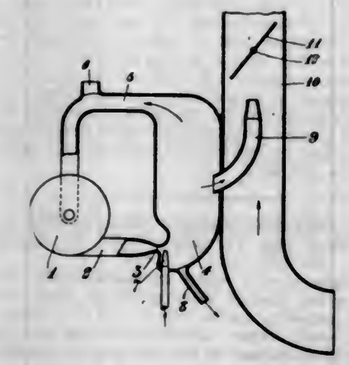
side of the peripheral portion of the diaphragm and said outer abutment and adapted to exert a yielding pressure against said diaphragm.

1,625,996. ELECTRICAL APPARATUS. LARS O. GRONDAHL, Pittsburgh, and HARRY M. RYDER, Forest Hills Borough, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Nov. 3, 1923. Serial No. 672,642. 3 Claims. (Cl. 250—36.)



1. In combination, two electron tubes having grid circuits tuned to resonance at different frequencies, a power transformer, an output transformer, a plate circuit for one said tube comprising a first winding of said power transformer and a first primary winding on said output transformer, a plate circuit for said second tube including a second winding on said power transformer and a second primary winding on said output transformer, and a pair of conductors constantly connected with a secondary winding on said output transformer.

1,625,997. METHOD OF AND APPARATUS FOR ATOMIZING LIQUID FUEL. OSCAR ROBERT GRÖNKWIST, Stockholm, Sweden. Filed May 6, 1922, Serial No. 559,035, and in Germany May 7, 1921. 4 Claims. (Cl. 261—1.)

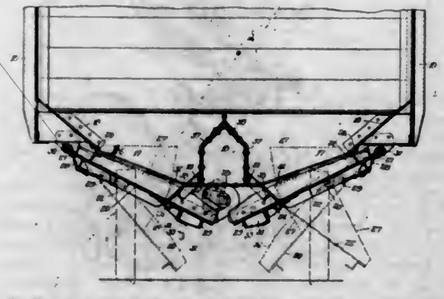


1. The method of atomizing liquid fuel for an internal combustion engine, which consists in passing a current of gas past such liquid fuel so as to atomize and mix

said fuel with said gas, maintaining at least a substantial portion of said current of gas and atomized fuel mixed therewith in circulation in a circuit past such liquid fuel, delivering a portion of such mixed gas and atomized fuel to the intake of the engine, and admitting a corresponding quantity of fresh gas to said circulating current.

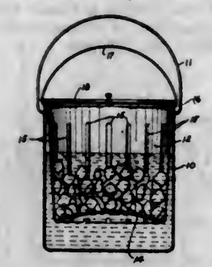
2. An apparatus for atomizing liquid fuel, comprising in combination a circulation passage, means for generating and maintaining a current of gas in circulation through said passage past said liquid admitting means, an outlet from said circulation passage for discharging a mixture of gas and atomized fuel, and an inlet for fresh gas to said circulation passage.

1,625,998. DUMP-CAR CONSTRUCTION. DAVID HINDAHL, Chicago, Ill., assignor to Rodger Ballast Car Company, Chicago, Ill., a Corporation of Maine. Filed May 3, 1922, Serial No. 558,236. Renewed July 30, 1924. 25 Claims. (Cl. 105—281.)



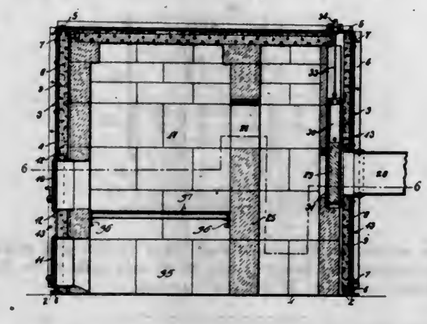
1. A dump car comprising a pair of bottom dump doors pivoted along axes adjacent to the sides of said car, sloping floor members located adjacent to the center line of said car and contacting with said dump doors along lines spaced from said center line, said doors having extension members extending beyond said spaced lines, said doors being provided with swinging closure members pivoted adjacent to said floor members, and flexible operating means for said closure members having their pitch lines always extending through the pivotal axes of said dump doors.

1,625,999. DOMESTIC COOKING VESSEL. MARY S. IRISH, Los Angeles, Calif. Filed Dec. 26, 1924. Serial No. 758,124. 1 Claim. (Cl. 53—1.)



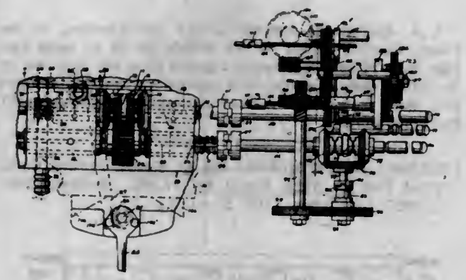
In a device of the class described, an interior and an exterior vessel, said inner vessel having a tapering side wall spaced from the outer vessel and having a dished upwardly projecting bottom, said inner vessel having a plurality of longitudinally extending slots in its side wall, said slots extending from a point intermediate the side wall of said inner vessel to and into the outer portion of the upwardly dished part of said dished bottom and the remaining portion of the bottom being imperforate, said inner vessel having a lid thereon.

1,626,000. INCINERATOR. EDGAR BOYD KAY, Washington, D. C. Filed June 6, 1924. Serial No. 718,392. 7 Claims. (Cl. 110—18.)



1. A portable incinerator comprising a base plate, spaced angle irons mounted on the base plate near its edges, side and end panels stepped in the space between said angle irons and bolted together along their vertical edges, Z irons arranged at the corners and bolts to an end and a side panel, a lining of refractory material and a top slab of refractory material adapted to rest on the lining to form a closure.

1,626,001. MACHINE-TOOL DRIVE. EDWARD J. KEARNEY, Wauwatosa, and JOSEPH ARMITAGE, Milwaukee, Wis., assignors to Kearney-Trecker Corporation, West Allis, Wis. Filed Dec. 31, 1923. Serial No. 683,647. 64 Claims. (Cl. 90—21.)



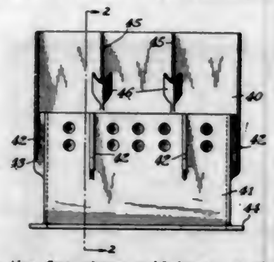
1. In a machine tool, the combination with a reciprocable table and a relatively movable member supported therefrom and arranged for the actuation of a table attachment, of a table actuating member, a power train connecting said members, and means for establishing a plurality of alternative forward driving connections with said power train.

53. In a machine tool, the combination with a movable table and a power train including a table actuator and a removable portion connectable in series therewith, of a power-trip device arranged to be driven by the removable portion of said train, and a frame means supporting said device and said removable portion for unitary connection with and removal from said table, said trip being adapted when in use to interrupt motion transmission through said train to said actuator.

1,626,002. FLUE. JEAN MARTIAL LOBIT, Brooklyn, N. Y. Filed Dec. 6, 1921. Serial No. 520,370. 2 Claims. (Cl. 98—66.)

1. A ventilator comprising in combination, a flue including upper and lower gas-conducting sections, means whereby said upper section is supported by and in series

with said lower section, means whereby any liquid flowing down the inside wall of said upper section is discharged exteriorly of said lower section, a baffle extend-



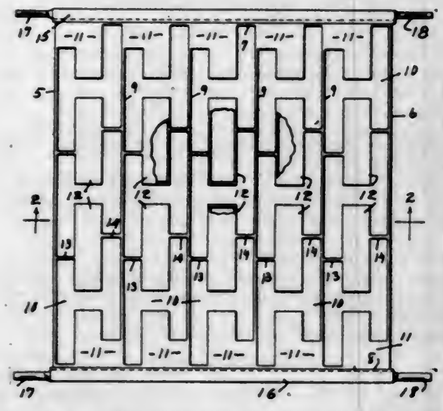
ing across the line above said lower section and means for causing any liquid flowing down said baffle to be discharged exteriorly of said lower section.

1,626,003. SPACE BAND. JEAN MARTIAL LOBIT, Staten Island, N. Y. Filed Feb. 6, 1926. Serial No. 86,488. 8 Claims. (Cl. 199—68.)



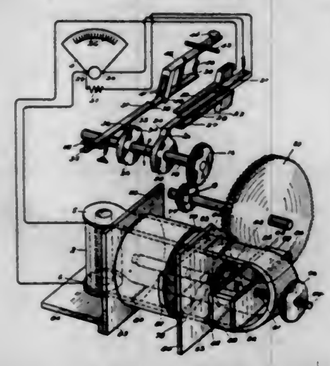
1. A spaceband comprising, in combination, a resilient member folded in the middle so as to form two legs, each of said legs being tapered from its free end to its folded end, a wedge, and means for restraining said free ends from their normal tendency to spread apart from one another.

1,626,004. BRICK MOLD. JOE LO FORTI, Fresno, Calif. Filed Dec. 23, 1925, Serial No. 77,205. Renewed Feb. 5, 1927. 2 Claims. (Cl. 25—119.)



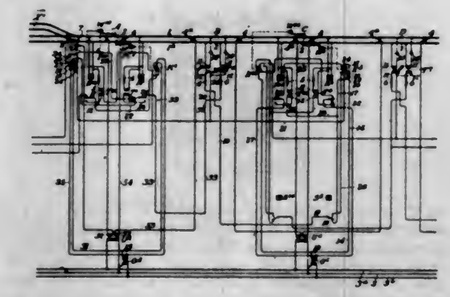
1. A brick mold comprising a rectangular frame; partitions dividing said frame into a plurality of troughs; substantially L-shaped cores mounted at each end of each of said troughs, the cores in each trough being opposed relatively to each other; a plurality of rectangular cores mounted in each of said troughs on the longitudinal center thereof and equally spaced apart; webs connecting said rectangular cores to said partitions, the webs of each core being in staggered relation whereby a substantially H-shaped mold is provided the adjacent ends of the legs of which are of different lengths.

1,626,005. APPARATUS FOR DETERMINING THE PERCENTAGE OF CARBON IN A SPECIMEN OF IRON OR STEEL. CARL JOHAN GUNNAR MALMBERG, Surahammar, and JOHAN GUNNAR HOLMSTRÖM, Saltsjo-Storangen, Sweden. Original application filed Feb. 5, 1921, Serial No. 442,895, and in Sweden Dec. 22, 1917. Divided and this application filed June 26, 1924. Serial No. 722,623. 8 Claims. (Cl. 175—183.)



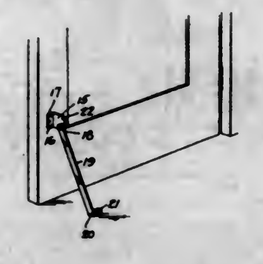
1. Apparatus for determining the percentage of carbon in a specimen of iron or steel, comprising a magnetic circuit including the specimen to be tested, and a permanent magnet for magnetizing said specimen, an induction coil wound upon a portion of said circuit, means for repeatedly varying the magnetic force between two chosen values, and a measuring instrument for measuring the difference between the magnetic fluxes through the specimen at said two values.

1,626,006. RAILWAY-TRAFFIC CONTROLLING APPARATUS. RONALD A. MCCANN, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Jan. 23, 1924. Serial No. 687,960. 25 Claims. (Cl. 246—34.)



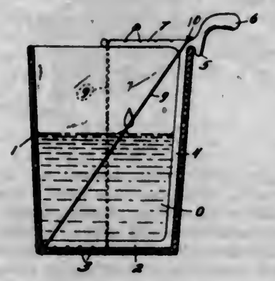
24. In combination, a two phase alternator having two windings in which the currents are in quadrature, a stretch of railway track, means for supplying alternating current to the rails of said stretch in series from one said winding, and means for supplying alternating current to the rails of said stretch in parallel from the remaining winding.

1,626,007. DOOR-HOLDING DEVICE. CHARLIE BARRETT MITCHELL, Los Angeles, Calif. Filed Feb. 25, 1925. Serial No. 11,570. 1 Claim. (Cl. 292—338.)



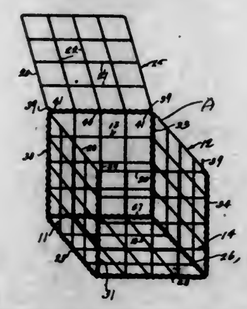
A door holding device comprising a supporting and attaching plate constructed from a sheet of metal to provide a flat body formed at one end with an angularly disposed attaching flange by which the plate is adapted to be secured to a door with the body projecting outwardly from the door, an arm constructed of strap metal pivotally mounted on one side of the body adjacent its lower forward edge, said arm having its opposite end bent to provide an angular extension, and an exteriorly corrugated sleeve embracing the extension and adapted to frictionally engage the floor when the arm is swung downwardly to prevent movement of the door in one direction, the upper forward corner of the plate being slit to provide a lug bent laterally so that the lug will be disposed in the path of movement of the arm which when lifted to occupy an inactive position is slightly flexed so as to permit it to clear and pass the lug, whereby upon releasing the arm it will again be disposed in the path of the lug and thus maintained in its inactive position.

1,626,008. SANCTUARY LAMP. BERNARD MULLER-THYM, Kansas Cty, Mo. Filed May 28, 1923. Serial No. 641,914. 5 Claims. (Cl. 67—55.)



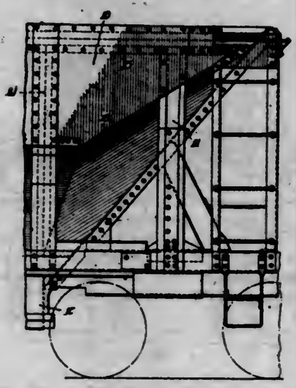
1. A sanctuary lamp comprising an oil containing vessel, a pair of parallel wicks close enough to conjointly support combustion at a single point in close proximity to the surface of the oil, and extending through the oil in said vessel, and means securing the opposite ends of said wicks adjacent the bottom and top of said vessel respectively.

1,626,009. FOLDING CRATE. TIMOTHY J. MURRAY, Covington, Ind. Filed Oct. 21, 1924. Serial No. 744,966. 13 Claims. (Cl. 220—6.)



1. As an article of manufacture a collapsible crate comprising a bottom, side walls, a front wall, and rear wall, and inherently shaped spiral coil members threaded through the adjacent edge portions of said walls and bottom to rigidly connect the same in detachable relation.

1,626,010. CAR. JOHN O. NEIKIRK, Lombard, Ill., assignor to National Dump Car Company, Chicago, Ill., a Corporation of Maine. Filed Apr. 3, 1924. Serial No. 703,904. 4 Claims. (Cl. 105—247.)

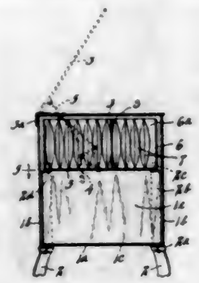


1. A railway car for carrying lading, comprising a side wall, a top chord arranged adjacent to the top of said wall, said top chord comprising an angular member arranged along the top of said wall with the apex of said angular member facing interiorly of said car, an end portion for said car, a member for joining said top chord to said end portion, said member having an angular portion conforming to said top chord and having an angular portion the concave side of which faces outwardly of said car, and a hand rail located adjacent to said outwardly facing angular portion whereby said hand rail may be conveniently grasped by an operator, said member being united to said end portion.

1,626,011. NEEDLE VENDOR IN THE FORM OF A MINIATURE PHONOGRAPH. EUGENE F. O'NEILL and ELMER L. KERN, Minneapolis, Minn. Filed May 26, 1924. Serial No. 715,843. 2 Claims. (Cl. 211—7.)

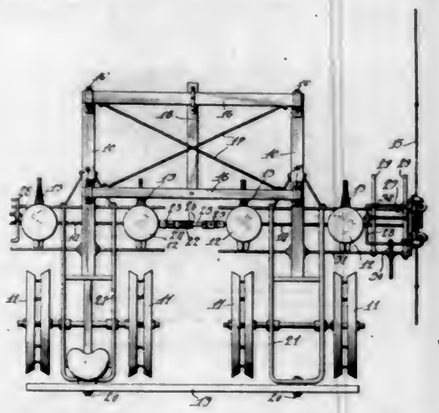
1. A sales display device for the necessary accessory parts of a machine, such as a phonograph, comprising a substantially rectangular casing having one side thereof formed of a plurality of layers of sheet material, said

layers being loose adjacent the corners of said casing, legs having portions of angle shape in cross section disposed in said casing, one side of said portions being dis-



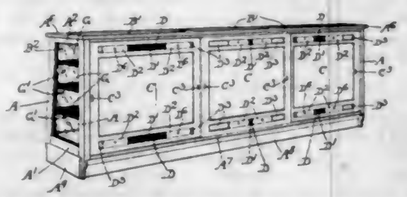
posed between said layers and the other side being disposed along the adjacent side of said casing, one of said sides of said portions having a bent-over end, and a tray in said casing supported on said bent-over ends.

1,626,012. CHECKROW PLANTER. JOSEPH C. REUSE, Libertyville, Ill. Filed June 23, 1922. Serial No. 570,481. 1 Claim. (Cl. 111—54.)



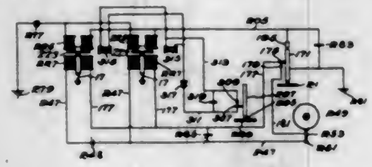
Check-row mechanism comprising a pair of planters having forwardly projecting poles, spacing bars pivoted to said poles to permit relative vertical movement thereof, and cross braces for holding said poles against relative movement in a horizontal direction.

1,626,013. COUNTER. WILLIAM T. SHERER, Chicago, Ill. Filed Feb. 18, 1924. Serial No. 693,457. 2 Claims. (Cl. 211—25.)



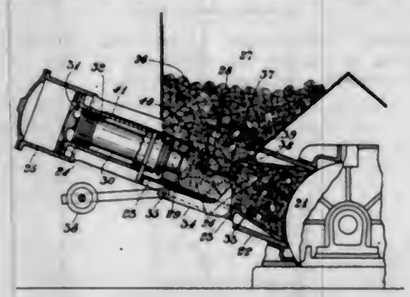
1. A display case divided by vertical partitions into a series of separate compartments the compartments being open at one side of the case, doors for closing the open ends of the compartments supported so as to slide in front one of the other and adjustable ventilating means mounted in the doors and located entirely within the planes including the opposite faces of the doors whereby the doors may slide past one another without interfering with the adjustments of the ventilating means.

1,626,014. ORNAMENTING MACHINE. CLINTON F. SMITH, Attleboro, and JEAN B. SABOURIN, Norton, Mass. Filed Apr. 21, 1923. Serial No. 633,804. 31 Claims. (Cl. 78—13.1.)



1. In a pattern controlled reproducing machine, the combination with a rotary support for a pattern plaque having a varying contour, of a traveler with a reciprocatory plunger, devices for causing relative traverse between the face of the plaque and the traveler while the latter is in contact with the former, said traveler having imparted thereto a reciprocatory movement responsive to the varying contour of the pattern, a rotary work support, a tool, a reciprocatory tool carrying rod movable independently of the traveler, a magnet for moving the tool carrying rod and tool directly away from the work, a controlling circuit for the magnet, and contacts extraneous of the pattern and controlled by the pattern-caused movement of the traveler plunger whereby movement of the tool follows movement of the traveler.

1,626,015. PULP GRINDER. JOHAN DANIEL ULLGREN, Stocksund, Sweden, assignor to Aktiebolaget Karlstads Mekaniska Verkstad, Karlstad, Sweden, a Swedish Company. Filed July 11, 1924, Serial No. 725,332, and in Sweden Aug. 11, 1923. 13 Claims. (Cl. 83—75.)

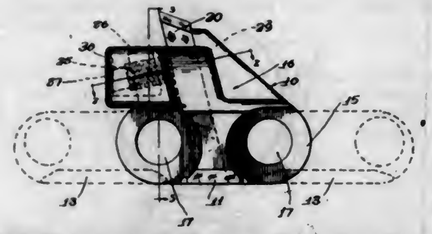


1. In a pulp grinder the combination of a frame, a grinding stone rotatable in said frame, a wood magazine, means in said magazine for feeding wood through the same towards said stone, and means actuating said magazine in a direction towards said stone for feeding wood to the latter during the interruption of said feeding means.

1,626,016. CUTTER CHAIN. FREDERICK W. VODOZ, Wilmette, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 24, 1924. Serial No. 757,896. 5 Claims. (Cl. 262—33.)

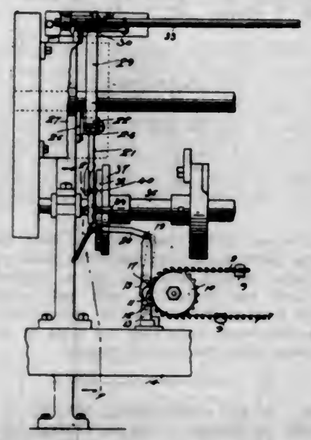
1. A cutter chain block having a body provided with an outwardly extending bit receiving aperture, a set

screw extending through the front face of said block for securing a bit in said aperture, the head of said set screw normally projecting beyond the front face of said block,



and cuttings propelling means carried by said block and extending laterally therefrom thence forwardly to form a protection for the head of said set screw.

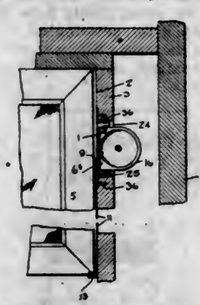
1,626,017. COURSE-CONTROLLING ATTACHMENT FOR KNITTING MACHINES. ALFRED WAGNER, Philadelphia, Pa., assignor to Gotham Silk Hosiery Company, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 22, 1923. Serial No. 682,137. 3 Claims. (Cl. 66—167.)



1. In a knitting machine, an arresting bar and a narrowing chain, in combination with means actuated by the narrowing chain to operate the arresting bar, said means including a shifting bar, an abutment carried by the arresting bar to be engaged by said shifting bar, a bell crank lever for actuating the shifting bar, and means actuated by the narrowing chain to operate the bell crank lever.

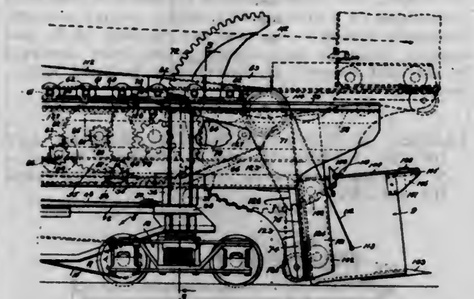
1,626,018. SASH-BALANCING DEVICE. AUGUST L. WAGNIERE, Los Angeles, Calif. Filed Jan. 18, 1923. Serial No. 613,514. 8 Claims. (Cl. 16—198.)

1. In a sash balancing device, the combination of a face plate having a side plate extending therefrom, a pulley having a disc with a central opening, lying against and frictionally engaging the side plate and having a cylindrical rim projecting from the disc, a tubular arbor attached to the side plate and passing through the said central opening of th disc, a spring within the pulley having its inner end attached to the arbor and having its outer end attached to the pulley to exert rotary force upon the pulley, a cover plate frictionally engaging the said cylindrical rim and having a body with a centrally disposed button engaging the end of the bore of the arbor, operating to center the arbor, and having a flange extending toward the side plate, means located at the arbor for securing the cover plate in position, and a flexible



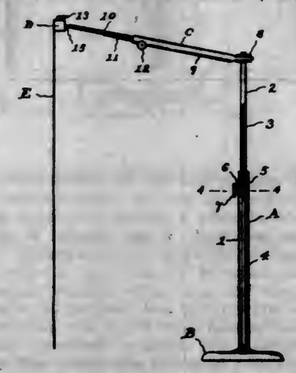
band wrapped on the outer face of the pulley, said face plate having an opening through which the end of the band extends for attachment to the sash.

1,626,019. EXCAVATING APPARATUS. WILLIAM A. WHITMIRE, Big Creek, Calif. Filed Mar. 13, 1923, Serial No. 624,864. Renewed Sept. 25, 1926. 5 Claims. (Cl. 214—1.)



1. An excavating apparatus, comprising a wheeled truck, an excavating mechanism supporting body pivotally mounted on said truck, a carriage frame supported for longitudinal movement on said body, an elevating crane pivoted to said carriage frame, and a dipper mounted for movement on said carriage frame and elevating crane.

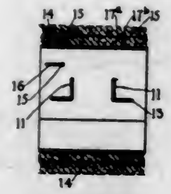
1,626,020. PAPER-HANGING DEVICE FOR WALLS. ERNEST R. BUSKEY, Cleveland, Ohio. Filed May 16, 1925. Serial No. 30,647. 8 Claims. (Cl. 216—4.)



1. A device for applying paper to a side wall, including a standard adapted to rest upon the floor, a lateral arm pivotally mounted upon the standard to swing in a hori-

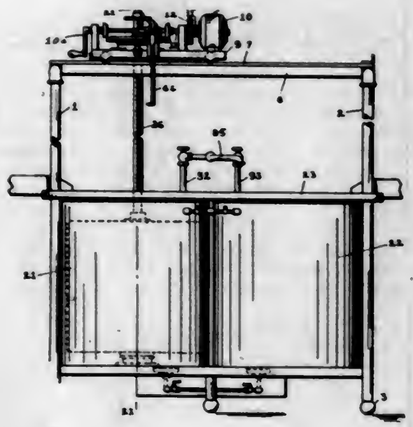
zontal direction, a cross bar arranged at substantially right angles to and pivotally mounted upon the end of the lateral arm to swing freely into different angular positions, and means for securing an end of a strip of wall covering to the cross bar whereby it can be supported in close proximity to the wall and will hang vertically by gravity.

1,626,021. TILE CONSTRUCTION. FRANK CESARIO, Port Chester, N. Y. Filed Mar. 3, 1926. Serial No. 91,882. 4 Claims. (Cl. 72—42.)



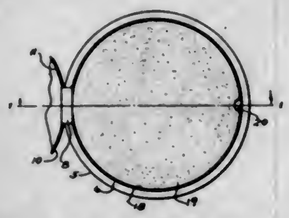
1. In a tile of the class described a support, rectangular shaped, said support jointed together at or near its extremities, by a plurality of L shaped locking members, threadedly attached at or near one extremity of the said support, elongated slots formed in the other extremity of the said support, to accommodate the said locking members.

1,626,022. MACHINE FOR WASHING, RINSING, AND DRYING DISHES. JAMES C. CORBETT, Rochester, N. Y. Filed Nov. 7, 1925. Serial No. 67,677. 1 Claim. (Cl. 141—9.)



In a dish washing machine, the combination of a pair of tanks placed side by side, an overhead track supported over said pair of tanks, a carriage adapted to move back and forth on said track, a cage adapted to hold dishes to be washed, a threaded shaft suspended from said carriage and connected to said cage to either turn or raise and lower said cage on the rotation thereof, a gear mounted on said carriage and threaded on said shaft, a clutch splined on said shaft below said gear, and means for either holding said clutch in frictional contact with said gear to rotate therewith and rotate said shaft with said cage, or holding it out of engagement with said gear to allow said shaft and cage to remain stationary so as to raise or lower said shaft on the rotation of said gear.

1,626,023. VANITY CASE. CHARLES N. CORTELL, Mamaroneck, N. Y. Filed June 24, 1925. Serial No. 39,234. 12 Claims. (Cl. 132—83.)



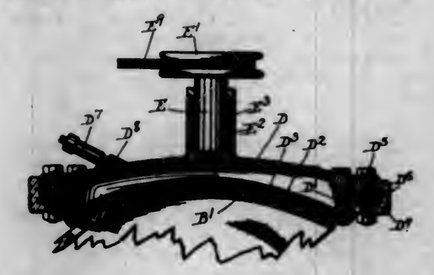
1. In a vanity box, a case having upwardly extending sides, inwardly projecting edges on said sides, a cover for said case having edges projecting therefrom fitting closely within said inwardly projecting edge of said case, and a compact carrying backing in said case having its upper edges formed to insure contact with said projecting edge of said cover, whereby when said cover is closed said backings of varying sizes are held firmly in the vanity box.

1,626,024. PANTALOON DRESS. PEARL M. CRANE, Kansas City, Mo. Filed Feb. 8, 1926. Serial No. 86,799. 1 Claim. (Cl. 2—71.)



A pantaloon dress comprising a body portion and pantaloons carried thereby, the outer sides of said pantaloons being formed with box plaits, separate skirt or apron panels also carried by said body portion at the front and rear of the pantaloons, respectively, and flexible strap elements connecting the sides of said skirt or apron panels near the bottom thereof.

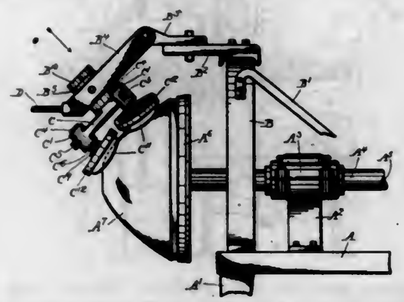
1,626,025. GLASS-POLISHING MACHINE. CHARLES W. DAKE and ROBERT S. LEVIS, Chicago, Ill., assignors to The Pyle-National Company, Chicago, Ill., a Corporation of New Jersey. Filed Oct. 2, 1922. Serial No. 591,756. 2 Claims. (Cl. 51—196.)



1. A pad for glass polishing machines and the like comprising a rigid flanged circular plate, a flexible impervious diaphragm closing the bowl formed by the plate and flange, a flexible polishing pad supported by the impervious diaphragm, the periphery of the pad and the diaphragm extending beyond and enfolding the flange, an annular ring encircling the outer periphery of the plate

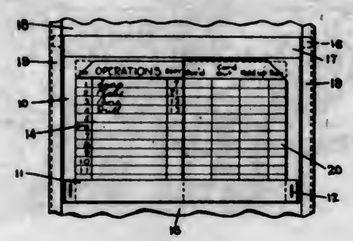
and having an inwardly extending flange parallel with the face of the plate, the inner diameter of said flange being greater than the outer diameter of the flange on the plate and means for clamping the flange and the edge of the plate together, said means being located outside the plate flange.

1,626,026. GLASS-POLISHING MACHINE. CHARLES W. DAKE and ROBERT S. LEVIS, Chicago, Ill., assignors to The Pyle-National Company, Chicago, Ill., a Corporation of New Jersey. Filed Oct. 2, 1922. Serial No. 591,757. 2 Claims. (Cl. 51—131.)



1. In a glass polishing machine, a mandrel upon which the work is mounted for rotation, a spider mounted for rotation about an axis inclined to the axis of rotation of the work, a plurality of separate polishing pads mounted each for rotation upon the spider adapted to engage the work, the pads being free to oscillate to conform to the surface of the work, each pad being rotatably mounted upon the spider, a pivoted support for the spider, the spider being free to move toward and from the work.

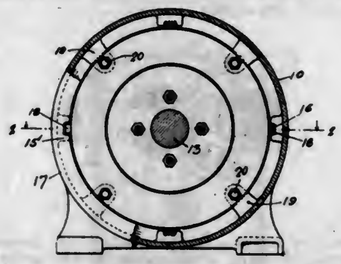
1,626,027. CARD INDEX. DWIGHT C. DANIELS, Worcester, Mass. Filed Oct. 2, 1923. Serial No. 666,076. 5 Claims. (Cl. 129—16.7.)



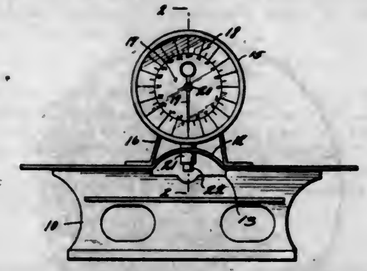
2. A card index comprising a carrier provided with a pocket, a record card insertable into said pocket and a temporary card likewise insertable into said pocket which has a folded flap arranged to slidably hook over an edge of the record card and hold the two cards aligned with their indicia in proper relationship.

1,626,028. REMOVABLE STATOR FOR ELECTRIC MOTORS. CARL L. DAUN and PAUL E. KELLER, Milwaukee, Wis., assignors to American Electric Motor Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 29, 1923. Serial No. 615,685. 3 Claims. (Cl. 171—252.)

1. In an electric motor, a frame, a stator and a rotor mounted therein, the said frame being provided interiorly with a plurality of circumferential rows of grooved projections concentrically and axially aligned with respect to the rotor, and locking keys, each engaging a plurality of the aligned grooved projections and the stator, to position the latter concentrically with relation to the rotor, whereby upon removal of the said keys the stator and its winding as a unit may be withdrawn from the frame.

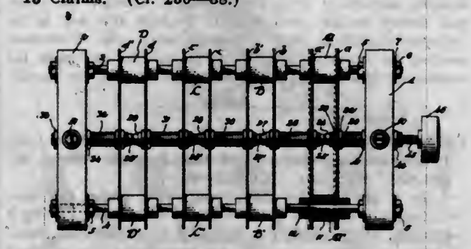


1,626,029. SAW TOOTH GAUGE. CLYDE A. BRIGGS, Millwood, Oreg. Filed Apr. 17, 1926. Serial No. 102,736. 2 Claims. (Cl. 33—202.)



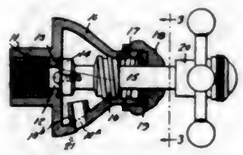
1. A saw tooth gauge comprising a member adapted to lie flat upon the edge faces of the saw teeth, and a micrometer including a dial means for rigidly mounting the micrometer upon said member, a pointer operating over the dial and an actuator therefor, a spring resiliently urging the actuator downward beyond the inner face of the member, and means operatively connecting the actuator to the pointer to cause its rotation around the dial in one direction as the actuator is moved inward.

1,626,030. SPARK-GAP DEVICE. JAMES H. EASTMAN, Detroit, Mich. Filed May 17, 1926. Serial No. 109,807. 13 Claims. (Cl. 250—38.)



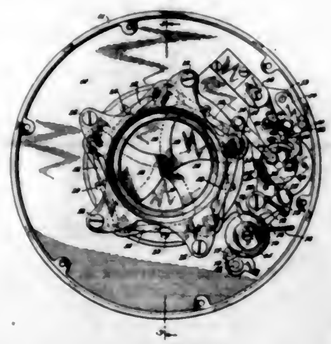
1. A spark gap device comprising a plurality of electrodes arranged in pairs, means for supporting the electrodes including elastic plates, each electrode being mounted in such a way that it can be adjusted relatively to its respective plate, and adjusting means acting upon the plates to flex the same for simultaneously adjusting the spark gaps.

1,626,031. BIBCOCK OR FAUCET. EDGAR A. ECKHOUSE, Cleveland, Ohio, assignor to The Central Brass Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 6, 1923. Serial No. 611,037. 5 Claims. (Cl. 251—155.)



3. A cock or faucet comprising a hollow symmetrical casing having inlet and outlet openings, said outlet opening being in one side of said casing and a spout extending inwardly from said outlet opening and terminating closely adjacent said inlet opening.

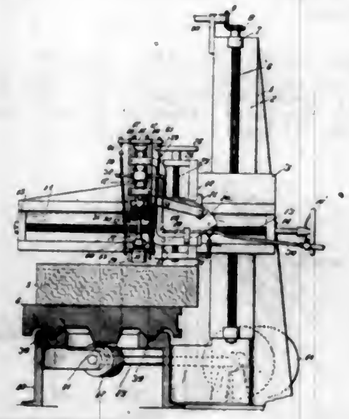
1,626,032. PHOTOGRAPHIC SHUTTER. SHERMAN M. FAIRCHILD, Oneonta, N. Y. Filed June 1, 1922. Serial No. 565,075. 25 Claims. (Cl. 95—63.)



25. In a photographic shutter, in combination, a movable blade-actuating member, a detent shiftable into and out of engagement with said member to lock and unlock the same, a pivoted dog connected with the detent to shift the same out of engagement with said blade-actuating member, a rotatable device associated with the dog to actuate the same, a spring connected with the blade-actuating member to actuate the same, a tensioning member associated with the spring to tension the same, and means acting automatically to lock the dog in inoperative position but connected with the tensioning member for actuation thereby to release the dog when the tensioning member is itself actuated to tension the spring.

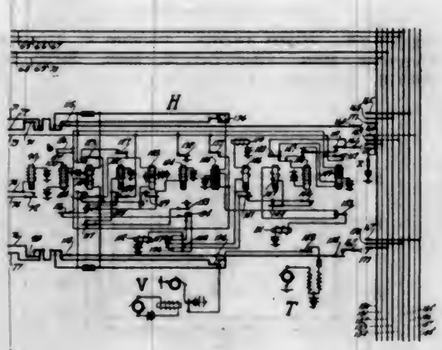
1,626,033. BUSH-HAMMERING MACHINE. CARL FÜRST, Bedford, Ind. Filed Jan. 7, 1924. Serial No. 684,800. 8 Claims. (Cl. 125—8.)

1. In a machine for bush hammering stone, the combination of a support for the stone, a hammer having a roughened under surface comprising a plurality of stone-engaging projections, means for sustaining the hammer over the stone, a reciprocating motor for imparting vertical movements to the hammer in opposite directions comprising a floating element to which the hammer is attached, means whereby the hammer and stone support may be adjusted transversely relative to one another in one horizontal direction, and means for causing relative, continuous transverse movement in another horizontal direction between the hammer and the surface of the stone being operated on, means for giving movements of partial rotation to the hammer while out of contact with



the stone, and springs arranged to retract the hammer from the stone as soon as the down stroke thereof is completed.

1,626,034. AUTOMATIC TELEPHONE SYSTEM. JOHN E. GARDNER, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Feb. 2, 1921, Serial No. 441,875. Renewed Sept. 17, 1926. 39 Claims. (Cl. 179—18.)

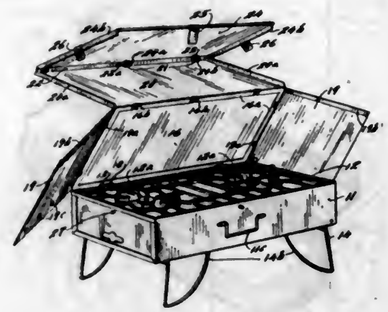


1. In an automatic telephone system, means controlled by a calling subscriber for connecting with a called line, means including a reoperative switch for then extending the connection to a plurality of other called lines, each time maintaining the last established connection, and means whereby the subscriber on one of said called lines can disconnect his line from said connection.

1,626,035. OVEN FOR CAMP STOVES. HANS C. HANSON, Albert Lea, Minn., assignor to American Gas Machine Company, Albert Lea, Minn., a Corporation of Minnesota. Filed Aug. 10, 1925. Serial No. 49,473. 11 Claims. (Cl. 126—38.)

1. A camp stove structure comprising a unit having in combination a casing having a top edge, a plate hingedly

connected to said edge, a series of plates hingedly connected along adjacent edges and to said plate, all of said plates forming an articulated unit constituting five sides of a rectangular oven so as to be supported either on top



of said casing and vertically alined therewith or disposed at the rear thereof, said plates being collapsible into flat position on top of said casing with two of said plates disposed beneath said first mentioned plate and two disposed above said plate.

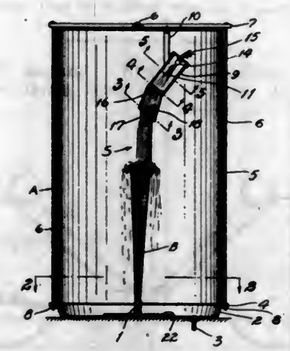
1,626,036. MOP. JOHN S. HIGGINS, Jr., Chicago, Ill. Filed June 19, 1925. Serial No. 38,158. 1 Claim. (Cl. 15—229.)



In a mop, a flexible body portion having a marginal sheath, a rigidifying frame within said sheath, mop strands secured to the inner margin of the sheath, a tab on said body portion adapted to be clamped in a mop holder, said flexible body portion having relatively sharp corners on opposite sides of said tab and flat terminal portions in a longitudinal line through said tab for the purpose set forth.

1,626,037. DISPLAY DEVICE. NORRIS B. HOLT, St. Louis, Mo. Filed Mar. 17, 1926. Serial No. 95,211. 4 Claims. (Cl. 299—4.)

1. A display device comprising a stream of fluid, means whereby rays of light of different colors are simultaneously directed against and through said stream of fluid, and a reflector positioned to reflect said colored

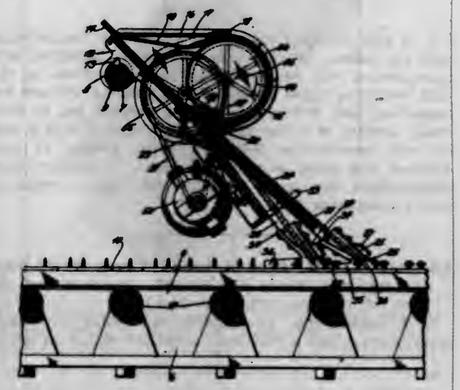


rays of light against said stream of fluid, said stream of fluid being interposed between said means for producing rays of light and said reflector.

1,626,038. ALLOY. WARD S. IRELAND, Beloit, Wis., assignor to Lipman Refrigeration Company, Beloit, Wis., a Corporation of Delaware. Filed Jan. 29, 1926. Serial No. 84,559. 2 Claims. (Cl. 75—1.)

1. An alloy consisting of the following ingredients in substantially the proportions specified: Tin, 95 to 97½%, and silver, 2½ to 5%.

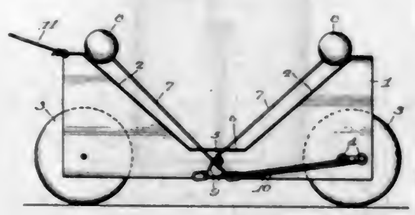
1,626,039. MACHINE FOR PLACING WASHERS UPON THE PINS OF RUBBER-HEEL MOLDS. JULIUS H. KINTZELE, St. Louis, Mo., assignor to Dryden Rubber Company, Chicago, Ill., a Corporation of Illinois. Filed July 18, 1925. Serial No. 44,436. 14 Claims. (Cl. 18—1.)



1. A machine of the character described comprising a cylindrical hopper, tangential chutes conducting washers from the hopper, chute fingers for conducting washers from said chutes to pins to which the washers are to

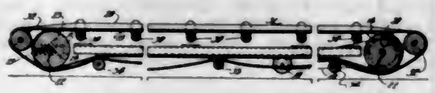
be applied, rotary supports in the hopper, means for rotating said supports in a direction opposite to the direction of the tangential chutes, and a wiper pivotally supported by said supports at an angle in advance thereof and movable thereby across the openings to said chutes whereby to remove washers jammed at said openings.

1,626,040. MECHANICAL TOY. LEONARD D. KROFF, Sterling, Ill. Filed Nov. 9, 1925. Serial No. 67,816. 4 Claims. (Cl. 46—47.)



1. In a mechanical toy, the combination of a wheeled body, a knocker operative to vibrate back and forth, front and rear portions of said body constructed and disposed in position to form opposite stops to receive the impacts of said knocker to produce a pounding or knocking sound, and wheel-operated means for actuating said knocker from one stop to the other when the toy is propelled along the floor.

1,626,041. BELT CONVEYER. GORDON R. KYLE, Belleville, N. J., and BENJAMIN A. MITCHELL, West New Brighton, N. Y. Filed Apr. 21, 1925. Serial No. 24,751. 15 Claims. (Cl. 198—203.)



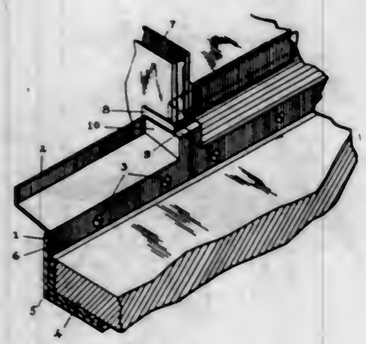
1. A belt conveyer comprising an endless transmission belt, an endless wearing pad, and means including said transmission belt for preventing tensional stress in the load conveying upper stretch of said wearing pad and for supporting and driving said endless wearing pad by frictional contact of a run of said wearing pad with a run of said transmission belt, the upper stretch of said wearing pad being of sufficient width to contact with substantially the entire width of the upper stretch of said transmission belt.

1,626,042. GLASS. FRED M. LOCKE, Victor, N. Y. Filed Aug. 28, 1916, Serial No. 117,227. Renewed Oct. 29, 1926. 7 Claims. (Cl. 106—36.1.)

1. A boro-silicate glass batch containing an alkali metal nitrate and a relatively large percentage of silica.

1,626,043. MOP MOLD FOR LIBRARY-STACK CONSTRUCTION. HOMER W. LOMBARD, Jamestown, N. Y., assignor to Art Metal Construction Company, Jamestown, N. Y., a Corporation of New York. Filed Sept. 4, 1926. Serial No. 133,642. 5 Claims. (Cl. 45—1.)

5. A mop mold for a library stack construction having a pair of uprights with a shelf supported between them having a downwardly projecting flange at the front thereof, said mop mold comprising a vertical flange connecting the uprights at the front, an inclined flange projecting rearwardly from said vertical flange between the uprights, a vertical extension at the end of said rearwardly projecting extension with a space left open between said vertical extension and the downwardly projecting flange of said shelf to provide a ventilating opening between said mop mold and said shelf.

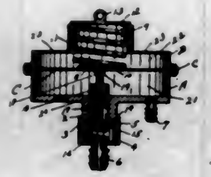


1,626,044. ANTIDIABETIC SUBSTANCE. FREDERICK S. MACY, Brooklyn, N. Y. Filed May 8, 1926. Serial No. 107,792. 7 Claims. (Cl. 167—7.)

1. A method of preparing an anti-diabetic substance from the pancreas consisting in grinding and macerating the tissue, precipitating the proteins therefrom with ammonium sulphate, separating the precipitate from the solution by filtration, obtaining a precipitate from the filtrate by means of ammonia and combining said precipitate with the red juice expressed from muscles of fresh unrefrigerated beef, whereby a substance is produced which acts to reduce dextrose.

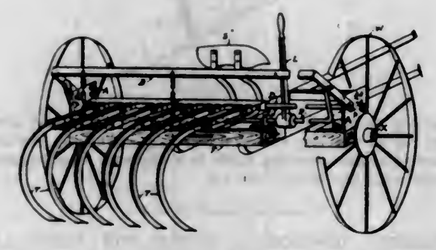
4. An anti-diabetic substance embodying a principle or hormone derived from the pancreas and a complementary substance obtained from the muscles which when administered either internally or subcutaneously acts in interrelation with the principle or hormone to relieve the diabetic syndrome.

1,626,045. VALVE. ROBERT E. MITTON, Salt Lake City, Utah. Filed Apr. 7, 1926. Serial No. 100,352. 1 Claim. (Cl. 303—54.)



A control valve comprising a cylindrical casing having a centrally extended sleeve flange on each end, and with a valve seat formed on one of said flanges; a cup slidable within one of said sleeve flanges; a valve seat formed on the other of said flanges; an air line connection screwed thereon; a diaphragm secured in said casing, and having a valve seat thereon; a valve stem slidably carried in one of said sleeve flanges, and a valve on each end of said stem.

1,626,046. QUACK-GRASS-ROOT RAKE. EDWIN L. MORGENROTH, Kewaskum, and CHARLES R. MORGENROTH, Milwaukee, Wis. Filed June 11, 1926. Serial No. 115,252. 1 Claim. (Cl. 56—393.)



The combination in a machine for raking and gathering quack grass, as well as other noxious weeds, with the roots thereof out of previously plowed ground, of ground wheels supporting a frame, having a seat and draft means on the frame, with respective, lateral support members, attached to said frame; the rod D adjustably supported by and secured to said supports; a teeth lifting bar pivoted to said supports; bearings for supporting the rod R, relative to said frame; the said rod R, having levers in revolvable articulation with said teeth lifting bar; a hand lever, secured to said rod R; sleeves E axially turnable upon said rod D and adapted to engage the butts of a series of the teeth T; the teeth T, the inside edges whereof are concave in contour, and the butts whereof are adapted to be secured to flanges of said sleeves E; spacing clamps H, adapted to be fitted over and secured upon the lower parts of the butts of each such series of said teeth T, and means for connecting each such series of the teeth T with said teeth lifting bar, substantially as described and illustrated.

1,626,047. GAS STOVE. GUILFORD S. MORLEY, University City, Mo., assignor to Majestic Manufacturing Company, St. Louis, Mo., a Corporation of Missouri. Filed Dec. 11, 1925. Serial No. 74,694. 2 Claims. (Cl. 158—99.)



1. A gas burner provided with a central air port from which secondary air is discharged, a circular series of gas ports formed around and adjacent to said central air port, means whereby a mixture of gas and primary air is discharged from said gas ports to commingle with the air from said central air port, and a cover having an orifice of a diameter larger than the diameter of said central air port above said air ports and gas ports, a secondary air passage being formed between said cover and the body of the burner to provide for the delivery of additional air to said orifice, and said central air port, gas ports and air passage being in communication with each other at points below said cover.

1,626,048. CAR DIAPHRAGM AND METHOD OF FORMING THE SAME. HARRY U. MORTON, Chicago, Ill., assignor to Morton Manufacturing Co., a Corporation of Illinois. Filed Nov. 29, 1926. Serial No. 151,200. 5 Claims. (Cl. 105—18.)



1. A railway car vestibule diaphragm unit constructed of a single strip of material of uniform width cut to a predetermined length and creased and folded transversely intermediate its ends to form a top with inclined top sections terminating in integral legs.

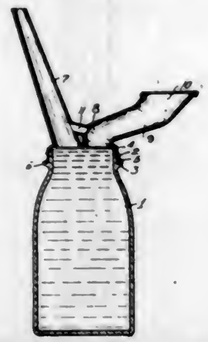
1,626,049. METHOD OF KNITTING HOSIERY. GILBERT MURPHY and WALTER A. SIMOND, Franklin, N. H., assignors to Acme Knitting Machine & Needle Company, Franklin, N. H., a Corporation of New Hampshire. Filed Nov. 21, 1921. Serial No. 516,563. 1 Claim. (Cl. 66—188.)



That improvement in the art of knitting seamless stockings which consists in manipulating a circular series of needles and a thread to knit a short section of plain tubular fabric, next knitting a plain toe pocket on a portion of said needles, then knitting a short section of plain circular fabric immediately behind said toe pocket on all of said needles, then introducing an additional set of needles to cooperate with approximately half of the needles of said circular series to knit a ribbed fabric in the upper part of the foot of the stocking while the remaining needles of said series knit a plain fabric in the lower part of said foot, next knitting a

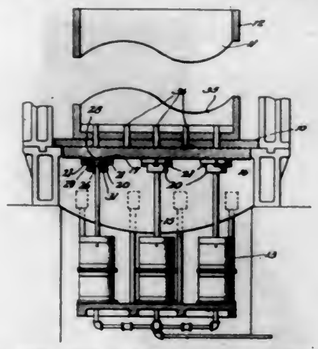
heel pocket, then knitting the leg of the stocking, and, at any desired point in the knitting of the leg, introducing another set of needles to cooperate with all the needles formerly in operation to knit a circular ribbed leg fabric.

1,626,050. FILLING DEVICE. OSCAR PRATT, Laurier, Wash. Filed Sept. 15, 1926. Serial No. 135,552. 3 Claims. (Cl. 221—28.)



1. The combination with a container and a removable closure cap having a pouring spout, of a filling nozzle fashioned with an elbow, and an upwardly inclined barrel having an angularly funnel shaped end with its inlet edge parallel with the top of the cap.

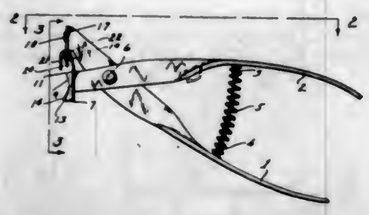
1,626,051. DIE CUSHION. FREDERICH J. RODE, Chicago, Ill., assignor to Marquette Tool & Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed May 29, 1925. Serial No. 33,612. 12 Claims. (Cl. 113—46.)



1. In a sheet metal drawing press a pressure member, a cushioning device therebelow, means connecting the cushioning device with the pressure member, said connecting means embodying a member having a curved extremity on one end thereof, and resiliently yielding means other than the cushioning device for maintaining the said curved extremity in abutment with the said pressure member, said connecting means permitting the pressure member to tilt with respect to the said cushioning means.

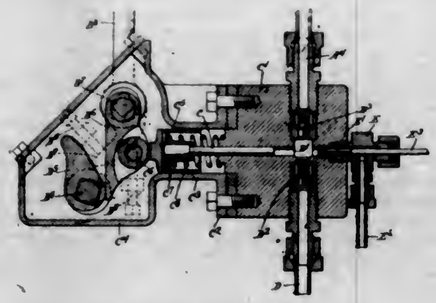
1,626,052. CAN OPENER OF THE NIPPER TYPE. AUGUST C. SCHAEFER, Portland, Oreg. Filed June 11, 1925. Serial No. 36,424. 3 Claims. (Cl. 30—3.)

1. In a can opener of the nipper type in combination with nipper jaws, of a shearing blade mounted to the outer end of the upper jaw, a plate mounted to the outer end of the lower jaw; upper and lower forward projecting lugs formed on said plate, the upper lugs to engage the turned over edge of a can, the lower lugs to engage the side wall of the can; and an inverted U shaped element formed on the upper edge of said plate and having



one leg thereof extended forwardly to be positioned over the top of the can and to freely engage the top surface thereof as the shearing blade is withdrawn from engagement with the top of the can.

1,626,053. GOVERNING DEVICE FOR INTERNAL-COMBUSTION MOTORS. PHILIP L. SCOTT, Three Oaks, Mich., assignor to Super Diesel Tractor Corporation, La Porte, Ind., a Corporation of New York. Filed July 5, 1919. Serial No. 308,876. 3 Claims. (Cl. 123—140.)

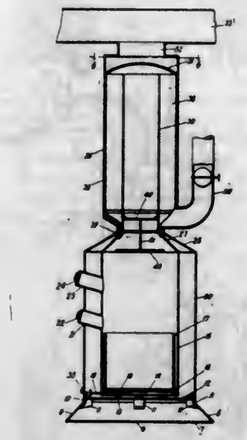


1. In an internal combustion engine a governing apparatus comprising means for beginning the injection of fuel at a fixed point in the engine cycle and for continuing such injection during a part of the cycle which is variable in length in response to variations in the load, said means comprising a fuel pump and an automatic relief valve and mechanical means for freeing said valve to permit its automatic movement in response to pressure in the pump cylinder and governor controlled means for controlling the operation of the relief valve, the operation of the relief valve being independent of the motion of the pump plunger.

1,626,054. HEATING FURNACE OR STOVE. GOTTLIEB STRIFFLER, Chicago, Ill. Filed June 30, 1926. Serial No. 119,603. 2 Claims. (Cl. 126—67.)

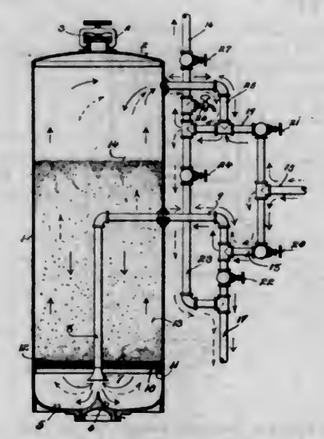
1. A stove of the class described having an outer shell and an inner shell, the inner shell forming a duct for the gases of combustion and being provided with corrugations extending lengthwise thereof substantially over the entire length thereof but leaving a smooth middle portion, said middle portion having a reduced diameter, the outer shell forming with the outer corrugations of the inner shell a plurality of ducts for air to be heated and with the smooth middle portion of the inner shell a narrow passage way for said air connecting the upper and lower portions of said plurality of air ducts, and a

pipe fitting snugly into the smooth middle portion of the inner shell, forming a continuation of the lower portion thereof, and forming with the inner corrugations of



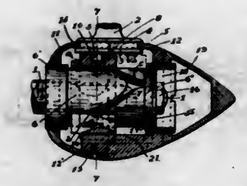
the upper portion of the inner shell a plurality of ducts for the gases of combustion, said ducts communicating with the upper end of said pipe.

1,626,055. WATER SOFTENER. VERNON L. TANNEHILL, Fort Wayne, Ind., assignor to Fort Wayne Engineering and Manufacturing Co., Fort Wayne, Ind. Filed Aug. 9, 1926. Serial No. 128,065. 2 Claims. (Cl. 210—24.)



1. A water softener comprising a casing having a bed of zeolites spaced from its bottom a deflector located centrally at the bottom of the casing below the zeolites and having a cusp-like contour, a pipe leading laterally into said casing and passing downwardly centrally thereof and adapted to discharge water over the point of said cusp-like member, whereby said water is uniformly distributed across the bottom of said zeolites and may pass upwardly therethrough, a discharge pipe leading from the upper portion of said casing, means for controlling and reversing the flow of water through said casing, and means for introducing salt into said casing.

1,626,056. PROPELLER. MILTON D. THOMPSON, Fairhaven, Mass. Filed Mar. 14, 1925. Serial No. 15,618. 5 Claims. (Cl. 170—154.)



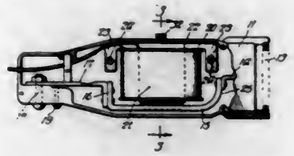
1. In a feathering and reversing propeller, the combination, of a shaft, a hub fixed on said shaft, a pin-way on said hub, starting at the after end thereof and diverging into two pin-ways, one spiralling to the right hand and the other to the left hand, a cam-ring mounted on said hub and adapted to both oscillate and reciprocate thereon, pins on the inner periphery of said cam-ring, adapted to be engaged by said pin-ways, a tranaversely jointed casing, the forward part bearing on an enlarged portion of said hub, bearings equally spaced about the periphery of said casing, propeller blades oscillatively operable in the said bearings and with hubs having circumferential grooves, the collars thus formed being,—the one on the inner and the other on the outer side of said casing, pins eccentrically placed and inwardly disposed on the ends of said propeller hubs, slots on the outer periphery of said cam-ring, their sides adapted to engage said pins in said propeller hubs and means for securing said casing against longitudinal movement on said shaft.

1,626,057. WELL-PRODUCTION APPARATUS. FRED B. VAUGHN, Maywood, and IDRIS THOMAS, Whittier, Calif. Filed Jan. 29, 1925. Serial No. 5,464. 6 Claims. (Cl. 103—232.)



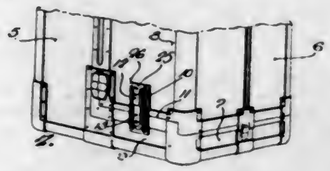
1. A well construction including tubing in the bore of the well, a jet submerged in the liquid in the lower portion of said tubing and adapted for elevation of said liquid by discharge of fluid under pressure through a restricted orifice and into said liquid, and means for adjusting said orifice of the submerged jet by turning said tubing at the top of the well.

1,626,058. SELF-REGULATING DEVICE FOR ELECTROMAGNETIC CLIPPERS. LEO J. WAHL, Sterling, Ill., assignor to Wahl Clipper Corporation, Sterling, Ill., a Corporation of Illinois. Filed Oct. 16, 1925. Serial No. 62,806. 4 Claims. (Cl. 175—338.)



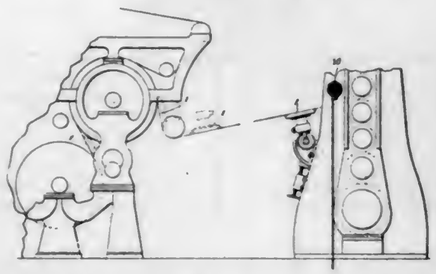
1. In a device of the character described, an electromagnet comprising a coil, a core extending through the same, said core having a relatively large mass of iron at one end thereof and an armature contacting face at the other end thereof and said coil being movable on said core toward and away from said mass thereof, and adjustable means for yieldingly urging said coil away from said mass.

1,626,059. TRUNK FITTING. GEORGE HENRY WHEARY, Racine, Wis., assignor to Wheary Trunk Company, Racine, Wis., a Corporation of Wisconsin. Filed June 18, 1925. Serial No. 37,980. 8 Claims. (Cl. 292—5.)



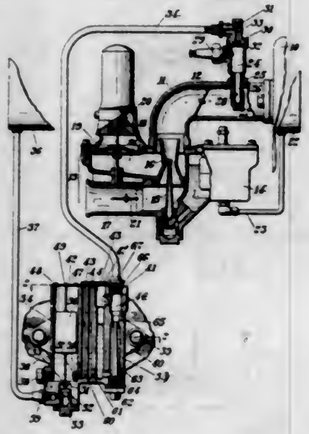
1. In a device of the character described, the combination with two members adapted to be releasably held in closed position, of a hasp carried by one member and engageable with the other to prevent longitudinal movement between the members; means slidably operated by the hasps to prevent transverse movement between the members, and means positioned upon each member and adapted to fall in alignment when the sections are in closed position to protect the movable elements thereof.

1,626,060. MOISTURE INDICATING AND RECORDING. GEORGE STANFORD WITHAM, Jr., Hudson Falls, N. Y. Filed Jan. 26, 1922. Serial No. 531,863. 17 Claims. (Cl. 73—24.)



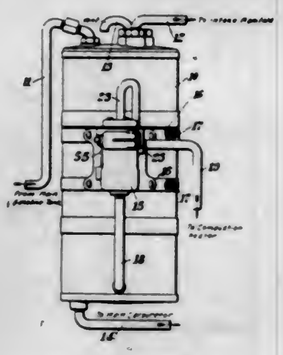
1. In paper making machines, a humidity and temperature indicating and recording device including wet and dry bulb elements, and means for moving said elements across and adjacent to a face of the web of paper to indicate and record the humidity and temperature at any desired point along such face.

1,626,061. INTERNAL-COMBUSTION ENGINE. LIONEL M. WOOLSON, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 21, 1923. Serial No. 633,595. 8 Claims. (Cl. 123—122.)



1. A method of operating a fuelizer consisting in feeding a rich mixture to the combustion chamber under low suction conditions and a less rich mixture under high suction.

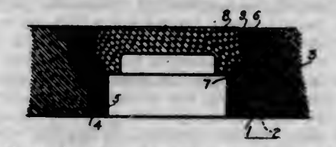
1,626,062. MIXTURE FORMING MEANS FOR INTERNAL-COMBUSTION ENGINES. LIONEL M. WOOLSON, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 21, 1923. Serial No. 633,773. 22 Claims. (Cl. 261—1.)



1. In mixture forming means for internal combustion engines, the combination with a Stewart type vacuum tank, of a carburetor adapted to operate on slightly varying levels and supported with definite relation to the level of said tank, and a check valve connection between the tank and carburetor.

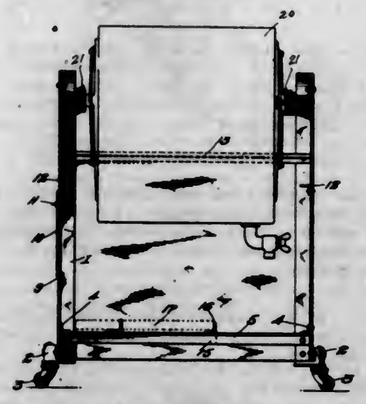
1,626,063. SEPARABLE VAULT-LIGHT LENS FRAME. EMANUEL J. ALFIERES, New York, N. Y. Filed July 3, 1925. Serial No. 41,402. 2 Claims. (Cl. 94—29.)

1. In devices of the character described, a base provided with a flat horizontal part having means for engaging and fixing the said base in concrete, the said base having an opening and a vertical flange bounding the opening, a lens, a lens frame, the said flange extending upwardly to



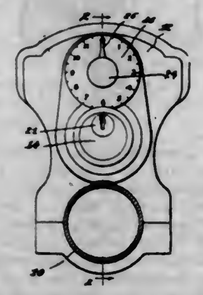
a point above the said base and arranged to support the said frame, and means engaging the flange interiorly adapted to support the lens alone within the said frame.

1,626,064. WASHING MACHINE. ALPHEUS W. ALTORFER, Peoria, Ill., assignor to Altorfer Bros. Company, East Peoria, Ill., a Corporation of Illinois. Original application filed Jan. 18, 1922, Serial No. 530,012. Divided and this application filed Apr. 4, 1925. Serial No. 20,629. 1 Claim. (Cl. 68—2.)



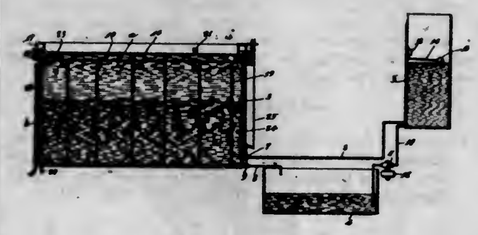
A frame for washing machines, including spaced side members each composed of an integral angle bar bent to form similar spaced supporting legs connected by an inverted substantially V-shaped top part, side panels conformably fitted in the side members, end panels connected to the legs and having their upper edges substantially alined with the upper parts of the legs and cylinder bearings secured to the inner faces of the V-shaped parts of the side panels, the V-shaped parts of the angle bars enclosing and overhanging said bearings.

1,626,065. LOCK MECHANISM. FREDERICK W. ANDREW, Andalusia, Pa., and MILTON TIBBETTS, Detroit, Mich., assignors to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed June 21, 1926. Serial No. 117,248. 17 Claims. (Cl. 70—127.)



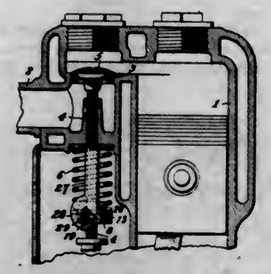
1. In a lock mechanism, the combination with a reciprocating switch element and a locking device therefor, of means for releasing the locking device comprising a reciprocating release element and means to prevent turning the release element when the latter has been reciprocated from its inoperative position towards its releasing position.

1,626,066. STORAGE SYSTEM FOR AND METHOD OF STORING AND REMOVING FROM STORAGE A LIQUID. MAXIMILIAN B. ANFENGER, San Francisco, Calif., assignor, by mesne assignments, to Standard Oil Company of California, San Francisco, Calif., a Corporation of Delaware. Filed May 13, 1925. Serial No. 30,076. 4 Claims. (Cl. 221—67.)



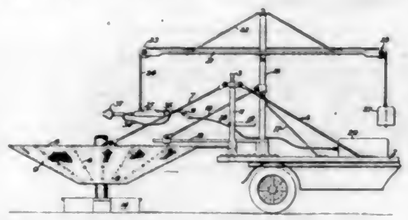
1. A storage system for liquids comprising a tank having a sealed floating roof, a pipe communicating with the upper portion of the tank, valved water supply means connected with the lower portion of the tank, valved water drain means connected with the lower portion of the tank, means operated by raising of the roof to a predetermined level to open the water drain valve and operated by falling of the roof to a predetermined level to close the water drain valve, and means operated by falling of the roof to a predetermined level to open the water supply valve and operated by raising of the roof to a predetermined level to close the water supply valve.

1,626,067. VALVE-ROTATING MECHANISM. MARCUS O. ANTHONY, New York, N. Y., assignor to Continental Engineering Corporation, Omaha, Nebr., a Corporation. Filed June 23, 1920. Serial No. 391,206. 6 Claims. (Cl. 123—90.)



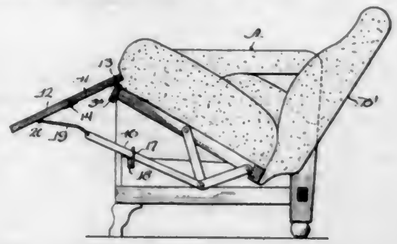
1. The combination with a poppet valve, its seat and spring, a rotator for said valve comprising a flanged body affixed to the valve and having therein a peripheral toothed member, a ring surrounding the toothed member, a ball clutch between said ring and the toothed body, a cap having a rotative interlocking engagement with the flanged body for holding the peripheral toothed member, the ring and the ball clutch in assembled relation, and means for actuating the ring during the operation of said valve.

1,626,068. APPARATUS FOR HARVESTING FRUIT. HAROLD W. BARTLETT, Alvarado, Calif. Filed Nov. 19, 1923. Serial No. 675,487. 12 Claims. (Cl. 56—328.)



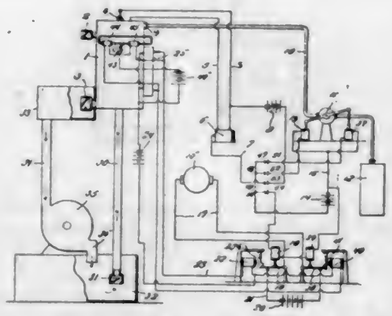
1. In an apparatus for harvesting fruit from a tree, means for shaking the tree, and adjustable means for supporting the weight of the shaking means.

1,626,069. RECLINING CHAIR. ALEXANDER C. BEECH, Chicago, Ill., assignor to Kroehler Mfg. Co., Naperville, Ill., a Corporation of Illinois. Filed Nov. 5, 1925. Serial No. 66,899. 10 Claims. (Cl. 155—171.)



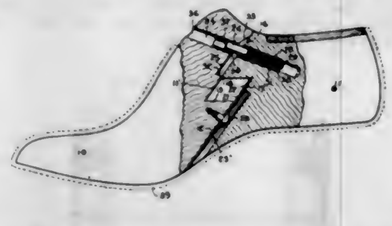
1. A reclining chair comprising a chair frame, a seat supported in said frame by means of trunnions located above said seat and comprising curvilinear bearing members, concentric with the axis of said trunnions and of a radius to exert a predetermined degree of frictional resistance against the movement of said seat on said trunnions, a leg rest hinged to said seat portion, and means operating automatically in the tilting of said seat to swing said leg rest to a predetermined position.

1,626,070. VACUUM PUMP AND POWER PLANT. EDWARD BOND and FREDERICK W. H. BOND, Vancouver, Wash. Filed Jan. 13, 1925. Serial No. 2,099. 4 Claims. (Cl. 103—231.)



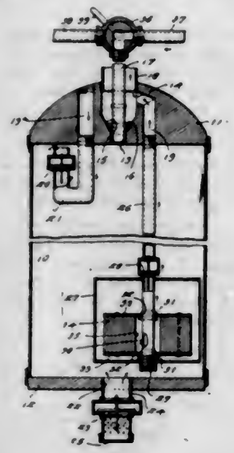
1. In a structure of the class described, a tank in which a predetermined quantity of explosive mixture is adapted to be contained, said tank being provided with a valved discharge and at its top with an electrically operated pressure release valve, a cylinder on one side of the tank in communication therewith, successively operable contact means for the upper and lower ends of said cylinder, electrically operated valve means for controlling the mixture delivered to the tank, and a float operable in said cylinder for acting on the contact for closing electric circuits, one of said electric circuits including the electrically operated pressure release valve and the other electric circuit including the electrically operated valved means.

1,626,071. SHOE LAST. PASQUALE BORDA, New York, N. Y. Filed Jan. 15, 1925. Serial No. 2,677. 8 Claims. (Cl. 12—135.)



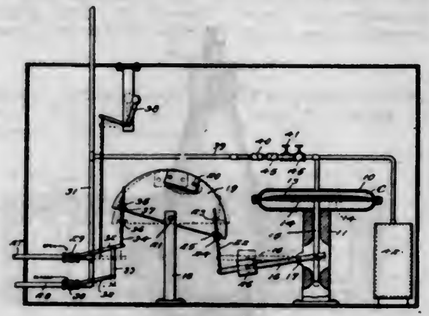
1. A last divided along substantially a downward and forward interrupted diagonal line near the arch, into a fore portion and a heel portion, the interruptions forming abutments which limit the contracting movement of said portions.

1,626,072. PUMP. SANFORD C. BRADY, Bartlesville, Okla. Filed July 31, 1926. Serial No. 126,214. 4 Claims. (Cl. 103—234.)



1. In a fluid pressure pump, a barrel having check-valved inlets, an outlet for the barrel, a conduit within the barrel communicating with the outlet and having its lower end sealed, the side wall of the conduit having an opening, the conduit being provided above and below the opening with valves, a float surrounding the conduit and having valve seats for coaction with said valves to thereby seal the opening when the float is lowered to a predetermined degree and means for alternately connecting the interior of the barrel with a source of fluid under pressure and with the atmosphere.

1,626,073. PRESSURE-CONTROL DEVICE. SANFORD C. BRADY, Bartlesville, Okla. Filed Sept. 9, 1926. Serial No. 134,566. 6 Claims. (Cl. 50—10.)



1. In combination with a conduit, intake and exhaust valves connected therewith, a connection between the valves whereby they are simultaneously and oppositely actuated including a lever, a further lever being connected with the first named lever, a weight associated with the last named lever and adapted to maintain the same in either of two positions and upon a predetermined movement of the lever from either of said positions toward the other of said positions, continuing such movement until the other of such positions is reached, pressure actuated means for shifting said lever from one toward the other of said positions, weight operated means for shifting the lever from said other toward the first named position, and a connection between the pressure actuated means and said conduit.

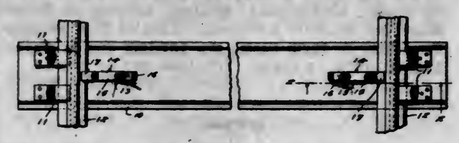
1,626,074. GLASS PARTITION FOR CLOSED AUTOMOBILE BODIES. WILLIAM BREWSTER, New York, N. Y. Filed Oct. 25, 1926. Serial No. 143,847. 5 Claims. (Cl. 296—85.)



1. A removable glass partition for closed automobile bodies, comprising a central glass adapted to be normally housed within a vertical pocket in the back of the front seat and having channels secured to its side edges, and side glasses hinged to the automobile body at each side of the central glass and adapted when closed to present their free edges in alinement with said channels, whereby when the central glass is raised said channels will travel along said edges, and a glass partition be thereby provided.

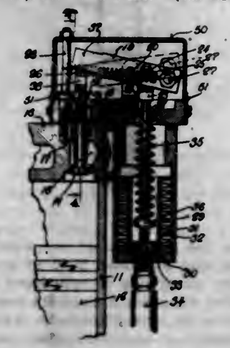
1,626,075. RAILWAY TIE AND RAIL FASTENER. JAMES F. BROWN, Lookout, Ky., assignor of one-half to J. E. Belcher, Lookout, Ky. Filed Mar. 8, 1926. Serial No. 93,202. 1 Claim. (Cl. 238—10.)

A rail clamp comprising a tie having means for engaging the flange of a rail supported on the tie, and a reversible retaining plate mounted on the tie and having one end extended away from the tie at an angle for engagement on the flange of said rail, and having its other end extended away from the tie at a greater angle than the first-named end for engagement with the base of a
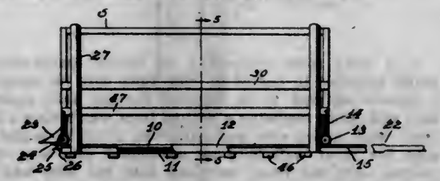


jumper rail whereby to maintain said jumper rail in a canted position on the tie and first rail and in wedged relation to said first rail.

1,626,076. COMPRESSOR GOVERNOR. NIELS A. CHRISTENSEN, Milwaukee, Wis. Filed Apr. 18, 1924. Serial No. 707,586. 7 Claims. (Cl. 230—24.)



1. In a compressor control, the combination with a compressor and the pressure system supplied thereby, said compressor having a valve controlling passage of air to atmosphere, of a pair of spring-pressed latches engageable with each other to hold said valve open, of hammer means free of said latches and responsive to pressure changes in said system for moving one of said latches to cause their locking engagement to hold said valve open when the pressure in said system rises above the desired maximum value and for moving the other of said latches to release them from valve-holding position when the pressure in the system drops below the desired minimum value.

1,626,077. SAFETY DEVICE. CHARLES H. GAGE, Washington, D. C. Filed Apr. 15, 1925. Serial No. 23,364. 4 Claims. (Cl. 89—1.)



3. In a gate construction, a track, a gate to travel longitudinally of the track, wheels supporting the gate and traveling upon the track, a plow carried by the gate to remove ice and the like from the track, and a brush arranged beneath the plow to sweep the track after it has been cleared by the plow.

1,626,078. SAFETY PAPER. JOHN GENOESE, San Francisco, Calif. Filed Nov. 22, 1924. Serial No. 751,683. 2 Claims. (Cl. 91—67.95.)

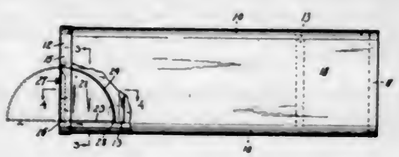
1. A safety paper comprising a sheet of paper treated with a mixture containing sodium bromide, and with a mixture of zinc sulphate, nickel chloride and iodine.

1,626,079. SUPPOSITORY AND MEANS FOR INSERTION OF THE SAME. HENRI CLÉMENT LAMBERT GOUONARD, Ahin-lez-Huy, Belgium, assignor to Societe Belge des Produits Rationnels, Ahin-lez-Huy, Belgium. Filed May 8, 1926. Serial No. 107,723, and in France May 22, 1925. 1 Claim. (Cl. 128—271.)



A device for the insertion of suppositories having a cylindrical body and a pointed head of greater diameter than said body, comprising a cylindrical rigid part of uniform diameter and smooth upon its whole length and adapted to receive the cylindrical body of the suppository, the outer diameter of said cylindrical part being such that the head of the suppository projects beyond the outer wall of said cylindrical part and covers the front edge thereof and a piston slidably mounted in the latter.

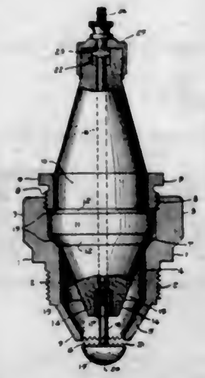
1,626,080. FABRIC-ROLL HOLDER. GEORGE GRAHAM and ADOLPH C. HELMUS, Douglaston, N. Y. Filed Feb. 10, 1926. Serial No. 87,365. 2 Claims. (Cl. 206—50.)



1. A cloth form comprising an oblong casing-shaped frame provided in one of its end walls with an opening a drawer adapted to be inserted through said opening into said frame including a bottom from which rises a flat front wall, a flat side wall extending at right angles to said flat front wall, and an arc-shaped side wall connecting said flat front wall and said flat side wall, a pivot pin extending through said drawer into said casing-shaped frame, said pivot pin being disposed at the junction point of said flat front wall and said flat side wall adjacent to the opening in said casing-shaped frame, said drawer being adapted to be swung around said pivot pin and thereby adapted to be inserted into and to be withdrawn from said frame.

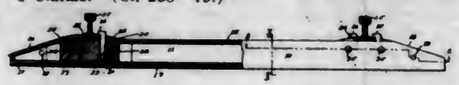
1,626,081. SPARK PLUG. GEORGE HADAICH, Detroit, Mich. Filed July 21, 1921. Serial No. 486,319. 1 Claim. (Cl. 123—169.)

In a spark plug, an insulator, an electrode rod axially of said insulator, a resistance head having an upwardly extending annular rim on the outer end of said electrode rod and set in said insulator, a cap on said insulator, a terminal in said cap, and a resistance head having a



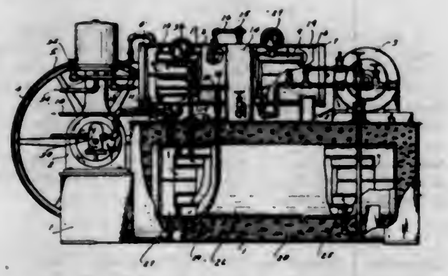
downwardly extending annular rim in said insulator opposed to the first mentioned head and retained against said cap by said terminal.

1,626,082. RAILWAY TIE. WILLIAM R. HALFERTY, Ollie, Iowa. Filed Dec. 14, 1926. Serial No. 154,762. 8 Claims. (Cl. 238—79.)



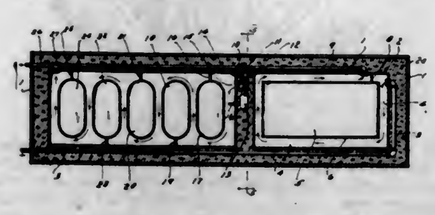
1. In combination with a hollow metallic tie having openings in the top member, a saddle block mounted in each opening having its lower edge resting on the inner surface of the bottom of said tie with its upper edge slightly above the upper surface of said tie, the top of said saddle block being formed with a rail receiving groove, each side of said saddle block being provided with a spike receiving groove, spikes for said grooves, and locking pins for securing said spikes in said spike receiving grooves and the saddle blocks in said tie.

1,626,083. BRINE-UNIT-TYPE REFRIGERATING MACHINE. HENRY E. HARRIS, Portland, Oreg. Filed Mar. 30, 1925. Serial No. 19,397. 3 Claims. (Cl. 62—115.)



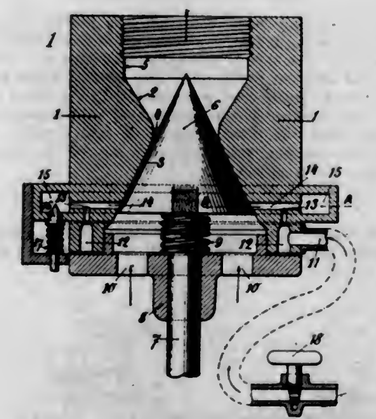
1. In a unit type refrigerating machine, a main frame, a compressor and a prime mover mounted upon said frame, a cylindrical condensing chamber mounted upon said frame and adapted to having a condensing liquid passed therethrough, a cylindrical condensing chamber tank disposed within said condensing chamber and concentrical therewith; a cylindrical expansion chamber disposed within the frame, insulation material disposed thereabout; a cylindrical expansion tank disposed within said expansion chamber and concentrical therewith; and a piping circuit to properly connect the condensing chamber tank and the expansion tank to said compressor.

1,626,084. COOLING BOX. HENRY E. HARRIS, Portland, Oreg. Filed Mar. 30, 1925. Serial No. 19,398. 5 Claims. (Cl. 62—101.)



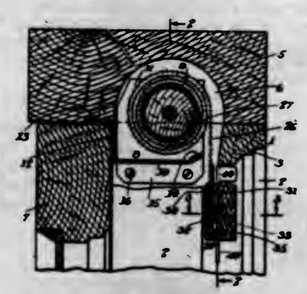
1. A cooling box comprising an insulated frame structure, vats disposed therein, one of said vats having a plurality of compartments therein, vertical baffle partitions connecting the walls of alternate compartments with the walls of the vat to form a circuitous channel for the circulation of a cooling and refrigerating medium between and around said compartments, and a piping system to carry the cooling and refrigerating medium to and from said vats.

1,626,085. CARBURETOR. LOUIS HENRIOT, Paris, France. Filed Mar. 13, 1924, Serial No. 698,966, and in France Mar. 19, 1923. 1 Claim. (Cl. 261—40.)



In a carburetor for internal combustion engines, the combination of a hollow body adapted to be connected with the intake manifold of the engine and in which is provided an air central duct having a tapered part whose opening, of the smallest diameter, is located on the side of the manifold of the engine, a tapered valve adapted to fit in and close the said tapered part of the duct and the top of which is also orientated towards the manifold of the engine, an annular fuel chamber provided in the wall of the said hollow body and arranged concentrically to the said central duct, the said hollow body having provided in its wall auxiliary air inlet ducts communicating, on the one hand with the free air and discharging, on the other hand, into the said central duct at points situated in a circle near the opening of the largest diameter of the said central tapered duct and spray nozzles starting from the said fuel chamber and ending into the said ducts.

1,626,086. ROLLER SCREEN. FRANK D. HOBBS and CLARENCE HOBBS, Los Angeles, Calif. Filed Jan. 11, 1926. Serial No. 80,676. 3 Claims. (Cl. 156—39.)



1. In a screen roller, a mounting comprising a bottom wall, end walls, a rear wall, and a rear flange extending from the upper edge of said rear wall, the mounting being fitted in a groove cut in the under side of the jamb header of a window frame with said rear wall resting in front of the window sash, said rear flange resting against the under side of the jamb head over said sash, and said end walls resting against the side jamb members of the frame, means for securing the end walls of the mounting to the side jamb members, a roller mounted in said mounting, a screen secured and wound on said roller to be drawn down in front of the window frame, and means for holding the screen drawn down.

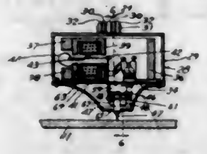
1,626,087. FLUID OPERATED PERCUSSIVE TOOL. CHARLES A. HULTQUIST, Los Angeles, Calif. Filed Apr. 23, 1925. Serial No. 25,252. 7 Claims. (Cl. 121—18.)



1. In a fluid operated percussive tool, a cylinder having a relatively large forward bore and a relatively small rearward bore, a hammer provided with a head reciprocably mounted in the forward bore and a shank reciprocably mounted in the rearward bore, fluid conducting means to maintain constant pressure on the face of the shank, an exhaust port communicating with the large cylinder bore so positioned as to be automatically controlled by the head of the hammer, a valve bore, a valve in the bore for controlling the flow of fluid to the forward

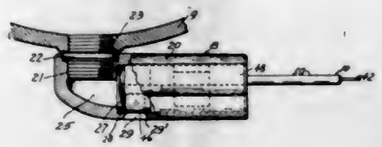
end of the large cylinder bore, a supply port from the small cylinder bore to the valve bore, a delivery port from the valve bore to the forward end of the large cylinder bore, a counter-bore in the rearward end of the delivery port, a reduced portion on the forward end of the valve adapted to enter the counter-bore, for the purpose of severing communication from the supply port and delivery port, a pressure shoulder on the valve for receiving intermittent pressure for moving the valve rearwardly and provided with a shank on the rearward end of the valve adapted to receive constant pressure on the face of the valve shank for moving the valve forwardly and means for maintaining constant pressure on the face of the valve shank.

1,626,088. APPARATUS FOR SOUND REPRODUCTIONS. JOHN J. JAKOSKY, Los Angeles, Calif., assignor to International Precipitation Company, Los Angeles, Calif., a Corporation of California. Filed Apr. 15, 1926. Serial No. 102,100. 6 Claims. (Cl. 179—100.1.)



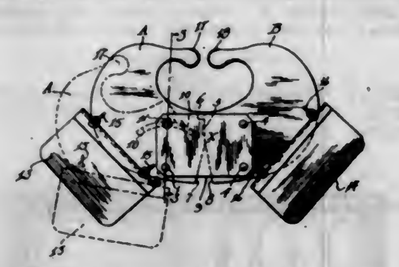
1. In apparatus for sound reproduction, a transmitting device, comprising a rocking member provided with means for carrying a phonograph needle, means supporting said rocking member so as to permit rocking movement thereof about one effective axis only, armature means mounted to vibrate, and flexible link means connecting said rocking member to said armature means in such manner as to transmit to said armature means rocking movement of said rocking member about said effective axis, and electromagnetic means associated with said armature means and adapted to produce current impulses corresponding to the movements of said armature means.

1,626,089. DRAIN DEVICE. JOHN J. JAKOSKY, Los Angeles, Calif. Filed July 14, 1926. Serial No. 122,365. 6 Claims. (Cl. 251—137.)



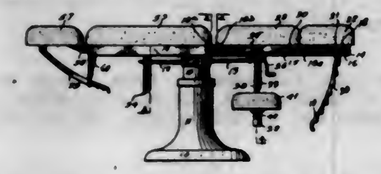
1. A drain device for liquid receptacles comprising, in combination with a receptacle having an opening in its wall, a drain member comprising a casing one of whose dimensions is materially less than either of its other two dimensions, said casing having a liquid passage therein, a valve seat in said liquid passage, a valve member movable in a direction perpendicular to said least dimension into and out of engagement with said valve seat, means for operating said valve member, means connecting said drain member to said receptacle with said least dimension of the drain member perpendicular to the wall of the receptacle, means establishing communication between said liquid passage at one side of said valve seat and said opening in the wall of the receptacle, and an opening in said casing establishing communication between said liquid passage at the other side of said valve seat and the outer air.

1,626,090. CALF WEANER. GEORGE MICHAEL KRAUSS, Lingle, Wyo. Filed Feb. 8, 1926. Serial No. 86,885. 2 Claims. (Cl. 119—132.)



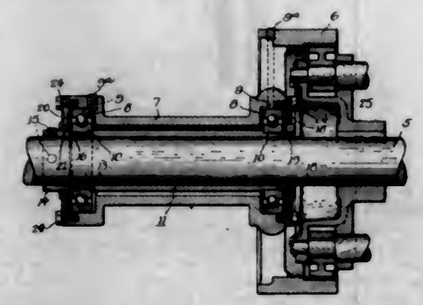
1. A calf weaner comprising a body portion consisting of two identical parts, guide members securing said parts together, one of said parts being pivotally secured to said guide members and having an arcuate-shaped slot therein, and means disposed in said slot for securing said part in adjusted position.

1,626,091. OSTEOPATHIC OPERATING TABLE. JESSE W. MACKLIN, Anita, Iowa. Filed Feb. 7, 1924. Serial No. 691,155. 13 Claims. (Cl. 45—50.)



1. An operating table comprising a horizontally arranged supporting frame, a number of cushions supported thereon, one of which is pivotally connected on a horizontal axis adjacent to the outer edge of said frame member adapted to swing from a horizontal to a vertical position, a seat member located outside of said frame member and below the pivot member of said cushion, and means for supporting said cushion in any of its swinging positions of movement.

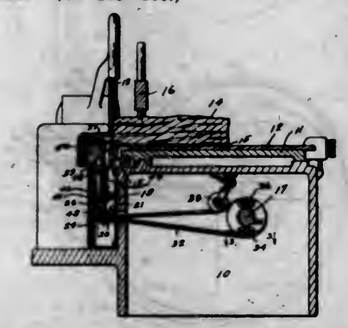
1,626,092. BALL-BEARING MOUNTING. ALBERT MASTER, Park Ridge, Ill. Filed Dec. 13, 1923. Serial No. 680,299. 1 Claim. (Cl. 308—189.)



A ball bearing mounting comprising, in combination, a pulley or the like to be mounted rotatably upon a shaft, a hub for the pulley, a sleeve within said hub having its end portions reduced in diameter, inner ball races mounted on said ends, outer ball races secured within the hub in proper relation to the inner races, a single collar

adapted to be mounted on the shaft adjacent one end of the sleeve, a dovetail lug on the collar extending into a dovetail recess in the end of the sleeve, and means to secure said collar to the shaft.

1,626,093. RINER ATTACHMENT FOR MEAT-SLICING MACHINES. JOHN W. NEASHAM, Des Moines, Iowa. Filed Feb. 25, 1924. Serial No. 695,081. 7 Claims. (Cl. 146—100.)



1. A meat riner comprising a support, a shaft rotatively and slidably mounted in said support, a cutter on said shaft, a bar slidably mounted in said support in parallel relation with said shaft, a guide plate on one end of said bar spaced a slight distance from one face of said cutter plate, means for rotating said shaft, and means for yieldably moving said bar and said rotary shaft longitudinally in one direction.

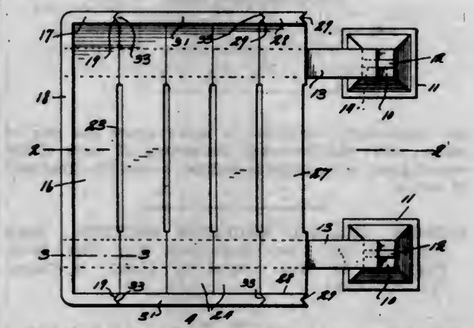
1,626,094. TOP ADJUSTABLE BANJO TAILPIECE. ROBERT B. PAGE, New York, N. Y. Filed May 4, 1923. Serial No. 636,600. 6 Claims. (Cl. 84—300.)



1. In a tail piece for musical instruments having strings, in combination, a base portion secured to the instrument, a pivotally supported covering member spring maintained in uncovering position and movable to covering position and when so moved extending over the base portion and engaging the strings of the instrument for tensioning the strings, and means including rotatably movable means cooperating between the covering member and base portion for retaining the covering member in covering position and releasable for permitting spring actuated movement of the covering member to uncovering position.

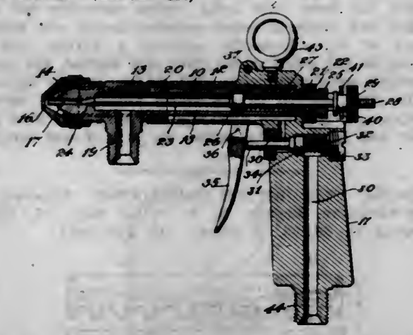
1,626,095. SECTIONAL FLORIST BENCH. GEORGE SUEL RAMSBURG, Somersworth, N. H. Filed May 11, 1926. Serial No. 108,362. 6 Claims. (Cl. 47—18.)

3. A florist's bench of the character described formed of reenforced concrete and consisting of a plurality of separate units or sections, the bench comprising portable posts, stringers adapted to rest upon the posts and having interlocking engagement therewith, an end section having a front wall and end walls adapted to have interlocking engagement with the stringers, a second section having end walls and formed to have interlocking engagement with the stringers, a plurality of body sections intermediate the first and second named sections each interlocking with the stringers, and removable walls disposed between the first and second-named sections, all of said sections being formed upon their confronting edge faces to provide drainage openings.



6. A florist's bench having a bottom and side and end walls and formed of interlocking sections of concrete, stringers of concrete having interlocking engagement with the under faces of said sections, the ends of said stringers being longitudinally grooved, the grooves opening upon the ends of the stringers, and posts having upwardly extending tongues engageable in the grooves in the stringers.

1,626,096. SPRAY GUN. CARL L. REICHENBACH, Yonkers, N. Y., assignor to Eclipse Air Brush Company, Newark, N. J. Filed Aug. 14, 1925. Serial No. 50,192. 4 Claims. (Cl. 91—45.)

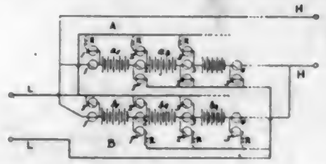


1. A spray gun comprising a barrel, a sleeve insertible in the barrel from the front, and extending therethrough, means at the back of the sleeve for locking it in place, and a stem insertible into the sleeve from the back, the sleeve having a seat against which the end of the stem can close, a nozzle on the front of the sleeve, the sleeve having passages to convey air to the nozzle, and a trigger for operating the stem.

1,626,097. ARRANGEMENT FOR TRANSFORMING DIRECT-CURRENT VOLTAGE. SAKUHEI SAITKAWA, Higashinojiri-Mura, Japan. Filed Apr. 23, 1924. Serial No. 708,469. 5 Claims. (Cl. 171—97.)

1. In apparatus for transforming the voltage of a direct current, comprising in combination two groups of storage batteries, a pair of mains supplying the voltage to be transformed and another pair to receive the transformed voltage, conductors by which each group of batteries may be connected either in series or in multiple

across one pair of mains, electrically operable automatic switches to control the current in the conductors, and an automatic device for collectively operating the switches in such manner that all units of one group of batteries



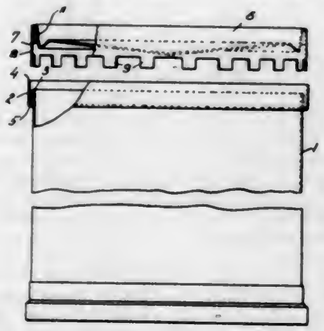
are momentarily connected in series across one pair of mains, while simultaneously connecting all units of the second group of batteries in multiple across the other pair of mains.

1,626,098. ROLLING RADIATOR SHUTTER. ADAM SCHEPPER and PAUL SCHROEDER, Bay City, Mich. Filed Mar. 11, 1925. Serial No. 14,627. 2 Claims. (Cl. 257—132.)



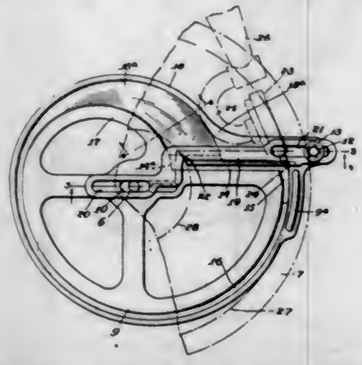
1. A rolling radiator shutter for automobiles comprising a sheet metal frame having an enlarged central opening, the edges of the frame being turned to form guides, the lower ends being curved outwardly and enlarged and having a roller mounted therein and spaced ahead of the automobile radiator, a flexible curtain wound on the roller at the front side thereof, the edges of which curtain travel in said guides, and an inclined drain strip secured to the frame adjacent the curved portion and extending upwardly and forwardly over the roller and frictionally engaging the back of said curtain.

1,626,099. CLOSURE FOR CONTAINERS. WILLIAM F. SCHWEIGERT, Buffalo, N. Y. Filed Sept. 17, 1925. Serial No. 56,893. 1 Claim. (Cl. 220—59.)



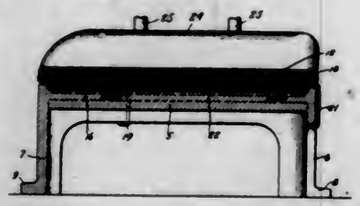
In a container having separable body and cover members, the combination of a double bend in the wall of the body at its top forming inner and outer top edges and an intermediate open annular groove, spaced slots in the bottom of the groove, an inverted annular groove on the periphery of the cover which embraces the inner top edge of the body when the cover is in position, tongues depending from the outer wall or flange of the cover extending through the slots in the bottom of the body groove and packing at the bottom of the groove on the cover.

1,626,100. ADJUSTABLE PHONOGRAPH REPEATER. HARRY SEIGMAN, New York, N. Y. Filed May 3, 1923. Serial No. 636,281. 5 Claims. (Cl. 274—15.)



1. An adjustable phonograph repeater comprising a snail frame provided with an opening for receiving a stylus and further provided with a slot for receiving the center pin of a turntable, so that with said snail frame resting upon said turntable the snail frame is adjustable bodily in relation to the turntable within limits permitted by the length of said last mentioned slot, a slide mounted upon said snail frame and provided with a portion normally overhanging said opening in the snail frame and serving as a guide for the stylus, and means controllable by the operator for adjusting said slide into different positions relatively to said snail frame.

1,626,101. REST FOR SADIRON. HARRY SEIGMAN, New York, N. Y. Filed Apr. 27, 1925. Serial No. 25,997. 2 Claims. (Cl. 68—27.)

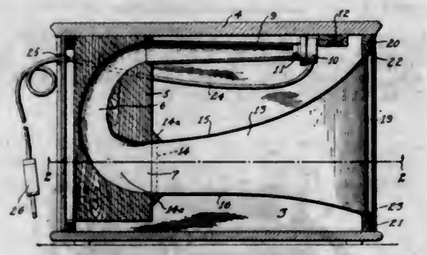


1. A device of the character described comprising a stand provided with ribs spaced apart, a board of fireproof material provided with channels spaced to register with said ribs, a netting mounted upon said board and provided with corrugations extending into said channels for registering with said ribs, and means for supporting said board adjacent said stand and in spaced relation thereto.

1,626,102. LOUD SPEAKING WIRELESS AMPLIFIER. JOSEPH RALPH SHOWERS, Shelbyville, Ind. Filed Apr. 24, 1922. Serial No. 556,203. 6 Claims. (Cl. 181—27.)

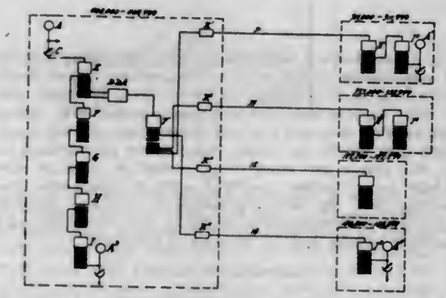
5. In a loud speaking wireless amplifier, a wooden sound conduit free of movable parts and comprising a tapering thick-walled tube, a block having a reversely bent passage therein to the smaller end of which the larger end of

said tube is rigidly secured, the passage in said block being circular at one end and gradually increasing in diameter and changing to rectangular shape at its larger end, a horn portion rigidly secured to said larger end,



said horn portion having opposed resonating walls, and means to hold said block at one point to permit free vibration of said tube, the small end of said tube being constructed to receive and hold a wireless receiver.

1,626,103. AUTOMATIC TELEPHONE SYSTEM. GEORGE H. SIMMONS, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Aug. 25, 1922, Serial No. 584,171. Renewed Sept. 18, 1926. 14 Claims. (Cl. 179—18.)

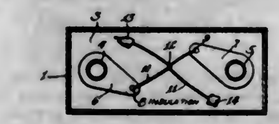


5. In a telephone system, a digit absorber, two paths over which said digit absorber may be taken for use, and discriminating means for causing said digit absorber to absorb a varying number of digits depending on the path in use.

1,626,104. METAL-COATED ELECTRODE. ERNEST L. SWIFT, Oakland, Calif., assignor to Virginia Swift, Oakland, Calif. Filed Feb. 21, 1922. Serial No. 538,888. 2 Claims. (Cl. 176—135.)

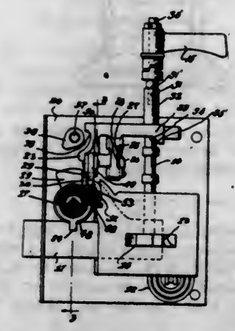
1. An electrode comprising a carbon consisting of carbon and a binder, a mineral acid and a halogen salt, said electrode being coated with metal in any suitable manner.

1,626,105. LOW-CAPACITY FUSE. EDWARD V. SUNDT, Chicago, Ill. Filed Feb. 8, 1926. Serial No. 86,878. 1 Claim. (Cl. 200—128.)



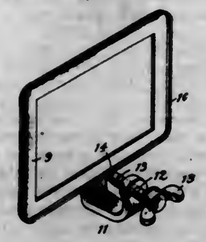
A low-capacity fuse comprising a casing, insulating members disposed in said casing, eyelets connecting said members together, lugs carried by said eyelets and being disposed between said insulating members, a fusible wire connected to one of said lugs, a high-resistant wire connected to the other lug, said wires contacting with each other and having their free ends secured to said insulating members, and terminals passed through said casing and through said eyelets.

1,626,106. LOCK MECHANISM. MILTON TIBBETTS, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed June 19, 1926. Serial No. 117,097. 20 Claims. (Cl. 70—18.)



1. In a lock mechanism, the combination with a locking member, of means for releasing said member comprising an element adapted to be rotated and reciprocated, a device on said element adapted to release said member when said element is reciprocated with said device in a certain predetermined position, and means for preventing rotation of said element after said element has been started on its reciprocating movement to release the member.

1,626,107. DEVICE FOR HOLDING REGISTRATION CARDS ON AUTOMOBILES. PETER M. ULLRICH, Waverly, Iowa. Filed May 7, 1925. Serial No. 28,617. 2 Claims. (Cl. 40—10.)

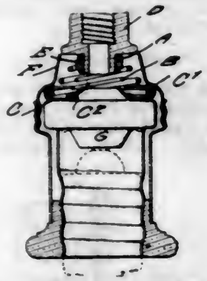


1. A device of the character described, adapted for positioning a card upon a support, including an open front frame having a flange adapted to extend around the edge of the card and engage the face of the support for clamping the card between the frame and support, a bracket associated with the frame and adapted to extend beneath the edge of the support, and means carried by the bracket and engageable with the support for detachably connecting the frame thereto.

1,626,108. SHOCK-ABSORBING SOCKET FOR ELECTRIC FILAMENT LAMPS. PIERRE VAN BOMMEL Antwerp, Belgium. Filed Mar. 15, 1923, Serial No. 625,334, and in Belgium Mar. 22, 1922. 3 Claims. (Cl. 240—90.)

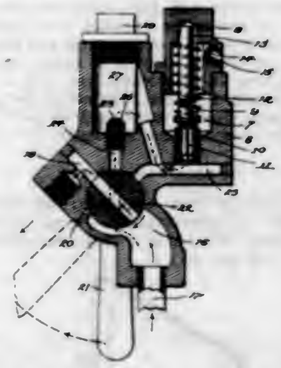
1. A shock absorbing socket having a nipple and a socket proper, an extension spring secured to the socket

in coil form and terminally connected to the nipple and to the socket proper, and a compression spring in coil form and bearing between the socket and nipple proper,



the tensions of these respective springs in their effect on the nipple and socket proper being in opposition and balanced under normal conditions.

1,626,109. PRESSURE-RETAINING VALVE. ELIHU FRANCIS WENTWORTH, East Orange, and NORMAN WILLIAM LYON, Caldwell, N. J., assignors to The New York Air Brake Company, a Corporation of New Jersey. Filed Mar. 11, 1926. Serial No. 94,034. 4 Claims. (Cl. 303—79.)



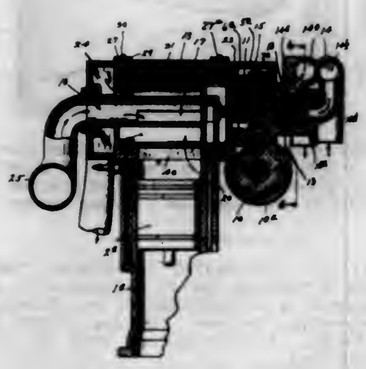
4. In a brake retainer, the combination of a loaded valve, arranged to be urged in an opening direction by the pressure of brake cylinder exhaust; a constriction located in the flow path beyond said valve and arranged to limit the flow to a rate less than the maximum capacity of the valve; a second and smaller constriction located in the flow path in advance of said valve; and means operable to direct the flow to the valve alternatively through the last named constriction to the valves, or directly to the valve.

1,626,110. GASKET. CLAUDE B. BAILEY, WILLIAM W. MCCORD, and CHARLES WILKINS, Wyandotte, Mich., assignors, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich., a Corporation of Maine. Filed Feb. 15, 1923. Serial No. 619,121. 8 Claims. (Cl. 288—1.)



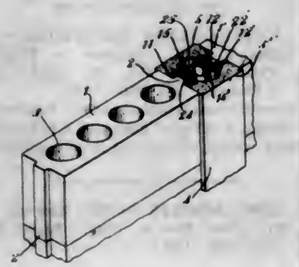
2. A gasket, comprising a body portion of outer layers of sheet metal and an interposed layer of asbestos or like material, said layers having a row of registering port holes therein spaced apart lengthwise of the gasket, tubular guide members formed from sheet metal and carried by the gasket body about said holes, said guide members projecting outward from the gasket body to one side thereof and having double flanges for reinforcement against bending.

1,626,111. FLUID-COOLED ROTARY VALVE FOR INTERNAL-COMBUSTION ENGINES. REUBEN F. BARKER, Portland, Oreg. Filed Feb. 5, 1925. Serial No. 7,054. 14 Claims. (Cl. 123—177.)



1. In an internal combustion engine comprising a series of compression cylinders, an independent rotary valve controlling each cylinder, the valves being arranged side by side, each of said valves being provided with intake and exhaust passageways, and intake and exhaust manifolds with which the intake and exhaust passageways of all the valves are respectively connected, each of said valves being further provided with a passageway for cooling fluid, the latter passageway extending parallel with said gas passageways, doubling back, admitting and emitting cooling fluid at one end of said valve.

1,626,112. BUILDING CONSTRUCTION. ALBERT F. BEMIS, Newton, Mass., assignor to Bemis Industries, Inc., Boston, Mass., a Corporation of Delaware. Filed June 13, 1925. Serial No. 36,851. 8 Claims. (Cl. 72—16.)

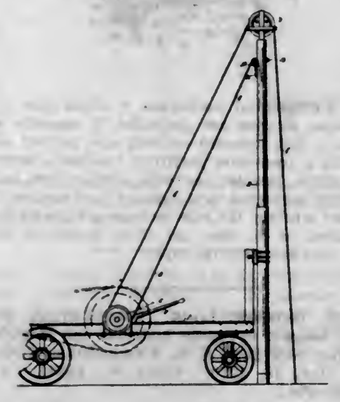


7. A structural column for walls of buildings and the like, comprising complementary sections, means for drawing said sections toward each other to provide recesses therebetween to receive projecting elements upon adjacent portions of the wall with which it may be associated, whereby the sections may clamp the projections therebetween.

1,626,113. MANUFACTURE OF STENCILS FOR DUPLICATING APPARATUS. PAUL CAMPION, Vitry-sur-Seine, France, assignor to A. B. Dick Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 15, 1923, Serial No. 668,768, and in Belgium Jan. 4, 1923. 7 Claims. (Cl. 41—38.6.)

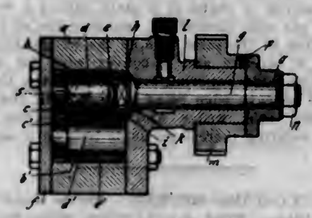
1. A stencil sheet having a porous base, such as yoshino, provided with a type-impressible coating including cellulose nitrate, oil, and a glycerol fatty acid ester.

1,626,114. WEIGHT ELEVATOR FOR PULLING MACHINES. LEROY CHAMBERLAIN, Wichita Falls, Tex. Filed Apr. 22, 1926. Serial No. 103,871. 5 Claims. (Cl. 254—178.)



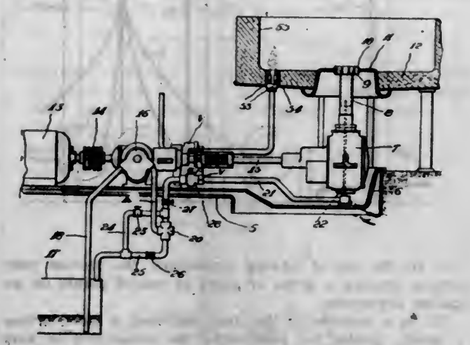
1. In a pulling and drilling machine; a weight elevator comprising in combination with a hollow tubular mast and a pair of drums, a pulley mounted near the top of said mast, a line wound about one of said drums and passing about said pulley a weight supported by said line interiorly of the mast; a second line wound in a reverse manner about the other of said drums and passing over a pulley on the top of said mast; means for holding said drums against rotation, and means for releasing said holding means to permit the said weight to be lowered within the mast to elevate a body engaged by said second line.

1,626,115. ROTARY PUMP. FRITZ EGERSDÖRFER, Charlottenburg, Germany. Filed June 2, 1925, Serial No. 34,304, and in Germany Oct. 2, 1922. 6 Claims. (Cl. 103—126.)



1. A pump comprising a solid block formed with two parallel bores bounding each other and respectively having equal diameters throughout the length of said block, interengaging gear wheels having their adjoining end faces flush with each other and having projecting shafts, said gear wheels and shafts being disposed within said bores, bushings filling out the spaces between said shafts and the walls of said bores and engaging, with their inner end faces, the end faces of said gear wheels to the circumferences thereof, and means separate from said block for closing said bores at the ends opposite to said bushings, said means being in close contact with the end faces of said gear wheels to the circumferences thereof and with the adjacent parts of the wall of said block, the casing provided by said block, bushings, and closing means being formed with intake and delivery ducts.

1,626,116. OIL BURNER. FRANKLIN HARDINGE, Chicago, Ill., assignor to Hardinge Brothers, Inc., Chicago, Ill., a Corporation of Illinois. Filed May 5, 1923. Serial No. 636,868. 2 Claims. (Cl. 158—36.)



1. The combination in an oil burning appaartus of a rotary atomizer, means for rotating the atomizer, means for supplying oil to the atomizer under pressure comprising a valve, a pilot light for the atomizer having a gas supply feed means with a valve therein, and common means actuated by the actual rotation of the atomizer for opening and closing both said valves.

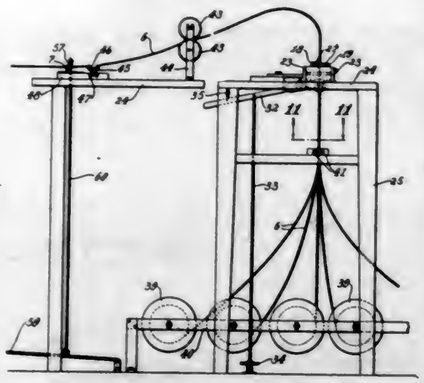
1,626,117. FLOORING MATERIAL. TREADWAY B. MUNROE, Chicago, Ill., assignor to Dahlberg & Company, Inc., Chicago, Ill., a Corporation of Delaware. Filed July 6, 1925. Serial No. 41,642. 6 Claims. (Cl. 20—6.)



4. The herein described floor material ready for use in laying a floor and comprising a plurality of layers of

wood secured together with their grains crossing and formed into a predetermined shape; and a rigid plurality of layers of fibrous material secured to said layers of wood.

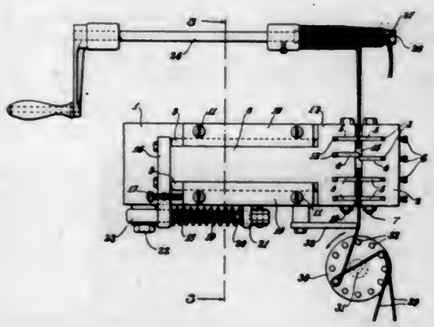
1,626,118. METHOD AND APPARATUS FOR MAKING IGNITER CONNECTIONS FOR DETONATORS. JOHN M. OLIN, VICTOR L. DAVIS, and JOHN B. SMITH, Alton, Ill., assignors to Western Cartridge Company, East Alton, Ill., a Corporation of Delaware. Filed Dec. 30, 1922. Serial No. 609,954. 43 Claims. (Cl. 18—26.)



1. In the art of making detonators, the process comprising, casting a series of plugs at spaced points on an igniter connection.

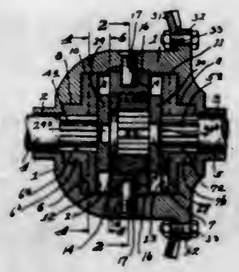
37. In a machine of the class described, a mold having a cavity, guides for positioning the connection in said cavity, adapted for casting a plug on said connection, and an element for ejecting the plug from the mold.

1,626,119. METHOD AND APPARATUS FOR STRIPPING DETONATOR-IGNITER TERMINALS. JOHN M. OLIN and JOHN B. SMITH, Alton, Ill., assignors to Western Cartridge Company, East Alton, Ill., a Corporation of Delaware. Filed Oct. 12, 1925. Serial No. 62,199½. 18 Claims. (Cl. 81—9.5.)



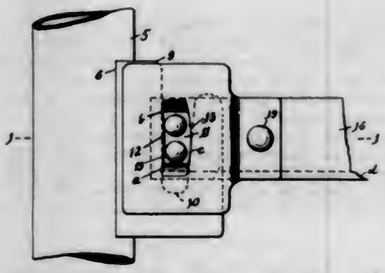
6. In an apparatus of the character described, a base, means to simultaneously sever an igniter connection and to cut the insulation from the severed end comprising severing cutters and stripping cutters adjacently mounted on said base.

1,626,120. DIFFERENTIAL. FERDINAND W. SEECK, Lebanon, Oreg. Filed Sept. 18, 1923, Serial No. 663,398. Renewed Aug. 11, 1926. 6 Claims. (Cl. 74—99.)



1. In a differential mechanism, a driven case, a divided axle whose sections are journaled in opposite sides of the case, a disk mounted on each axle section, said case divided by a transverse partition, two gears journaled in said partition, meshing one with another, each gear being operatively connected with opposite axle sections through said disks whereby the axle sections are jointly driven by the rotation of the case, but either section is permitted relative rotation with the other.

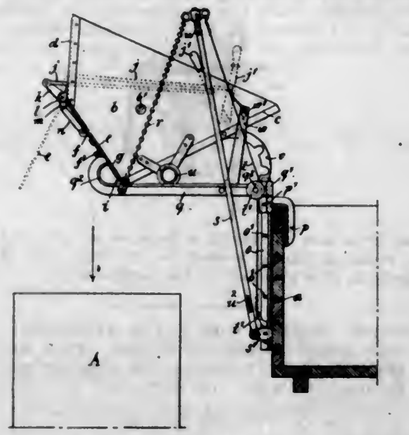
1,626,121. BEDPOST LOCK. WALTER SILBER, Brooklyn, N. Y., assignor to Special Stamping and Manufacturing Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 16, 1926. Serial No. 81,683. 1 Claim. (Cl. 5—294.)



A bedpost lock comprising a bracket adapted to be secured to the post and having a portion thereof extending from the post, said extended portion having a tapered slot, a stamping in shape of a plate having a wedge depressed to one side thereof for engaging the slot and an off-set portion to the same side as the wedge, said wedge presenting a concave and a convex edge for engaging the slot, these edges tapering toward the plate, the curvature of the concave edge being greater than that of the convex edge, said wedge and off-set portion having means for securing thereto an angle iron on a bed frame.

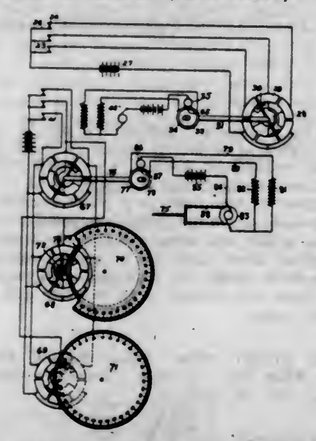
1,626,122. LOADING HOPPER. EDGAR JOHN SMITH, Cardiff, Wales. Filed Jan. 12, 1926, Serial No. 80,697, and in Great Britain Apr. 23, 1925. 5 Claims. (Cl. 193—5.)

1. An arrangement for facilitating loading a vehicle from and alongside a railway wagon, consisting of a hopper bucket, means for controlling the intermittent discharge of said bucket, hooks engaging over a side of said railway wagon, lever arms supported by said hooks



and supporting said bucket, and derricks supported by said hooks and extending upwards from beneath and supporting said lever arms.

1,626,123. GYROCOMPASS RELAY TRANSMITTER. ELMER A. SPERRY, Brooklyn, N. Y., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y., a Corporation of New York. Filed Mar. 12, 1920. Serial No. 365,145. 15 Claims. (Cl. 177—351.)

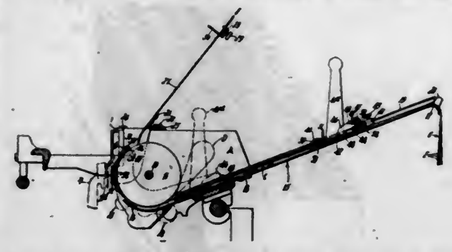


1. The combination with a gyro compass, of a transmitter driven thereby, a repeater motor in circuit with said transmitter, a plurality of electric contacts relatively positioned by said motor, a reversible motor actuated by said contacts, means controlled by said reversible motor for positioning said contacts in predetermined relationship, and a transmitter requiring more power to actuate the same than said first mentioned transmitter, also actuated by said reversible motor.

1,626,124. TYPEWRITING MACHINE. BURNHAM C. STICKNEY, Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed July 12, 1924. Serial No. 725,536. 14 Claims. (Cl. 197—126.)

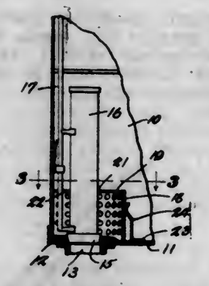
1. In a typewriting machine, as described, the combination of a frame, a platen mounted thereupon, a fan-

folded web carried around said platen, means for supporting manifolding ink ribbons between the web-plies in front of said platen, a paper-shelf over which said web is fed, said paper shelf fixed to the platen frame, a plurality of knife-blades projecting between the plies



of said web, to separate said plies preparatory to threading of the plies between said ribbons, means for maintaining said knife-blades in slidable relation with said shelf, and means for driving said knife-blades back from the platen to slit the bights of said web.

1,626,125. DRAIN GUARD FOR WASHING MACHINES. LE ROY W. TILT, Baltimore, Md. Filed July 7, 1926. Serial No. 120,908. 3 Claims. (Cl. 4—208.)



1. In a washing machine having a tub provided with a side wall and with a drain opening in its bottom adjacent said side wall, a guard of perforated metal covering the drain opening and having one end shaped to conform to said side wall, and spring means carried by the tub and engaging the guard to force it against the side wall thereof.

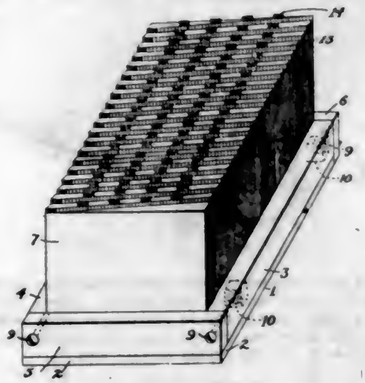
1,626,126. SORTING CASE. STUART B. TULLOSS, Washington, D. C. Filed Oct. 5, 1922. Serial No. 592,588. 5 Claims. (Cl. 129—15.)

1. A sorting case comprising a base member having sides and movable end members forming a tray, partition leaves and spacing strips arranged alternately in said base or tray extending from side to side and extending as a pack of leaves from end to end of the tray, and means for clamping the said movable end members against the ends of the pack to bind said leaves and strips together.

2. A sorting case comprising a series of partition leaves having index tabs bearing index numbers individual to the leaves raised above the top edges of several leaves immediately in front and positioned progressively from left to right on successive leaves from front to back and extending laterally of each other an amount only sufficient to show a portion of the number near the units end whereby the exposed tab area is reduced to less than the sum of the areas occupied by the whole index numbers.

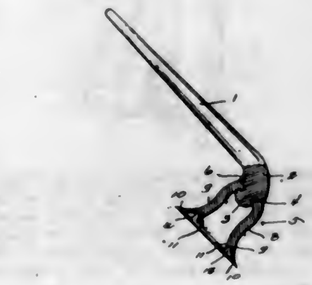
5. A leaf or card index comprising a series of cards, having tabs extending upwardly from the top edges of

the cards and positioned progressively from left to right and from front to back to form a plurality of diagonal rows of index tabs, each tab being backed by



a backwardly and downwardly extending buttress formed of the upper portions of the cards between it and the next succeeding row of tabs.

1,626,127. HAND MASSAGE IMPLEMENT AND MEDICINE APPLICATOR. OSCAR T. WAYNE, Philadelphia, Pa., assignor to X-It Laboratories, Inc., New York, N. Y. Filed Jan. 26, 1926. Serial No. 83,903. 2 Claims. (Cl. 128—62.)



1. A combined massage implement and medicine applicator comprising a cup shaped body the peripheral portion of which is annularly recessed to form a pair of lips, one of which is flared outwardly and is larger than the other, and both of which are substantially wedge shaped in cross-section to form relatively thin edges for engaging the person, and a handle carried by the cup for manipulating the same.

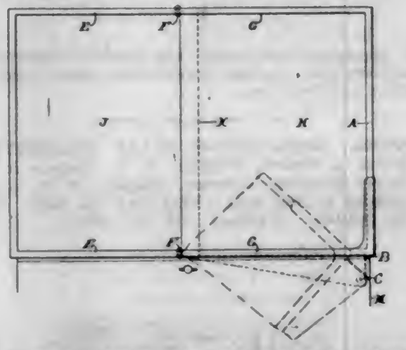
1,626,128. FLUSH-TANK CONSTRUCTION AND VALVE-LEVER-OPERATING MECHANISM THEREFOR. CHARLES C. WRIGHT, Camden, N. J., assignor of one-half to Camden Pottery Company, a Corporation of New Jersey. Filed July 23, 1925. Serial No. 45,568. 3 Claims. (Cl. 4—67.)

1. In a flush tank construction, the combination of a horizontally projecting valve-actuating spindle, of a china flush tank having a portion of its vertical wall increased in thickness, so as to provide a tapered boss formation integral with said side wall and projecting beyond the surrounding outer wall surface, said boss and wall behind the boss provided with a horizontally extending channel, a bushing forming a bearing for the spindle, secured in said channel and extending from the inner surface of the tank wall to near the outer



face of the boss and having a flange on its outer end and an actuating handle secured to the outer end of the spindle in close proximity to the integral boss.

1,626,129. WINDOW FOR MOTOR VEHICLES. HERBERT AUSTIN, Bromsgrove, England. Filed Apr. 12, 1926. Serial No. 101,529, and in Great Britain Apr. 29, 1925. 2 Claims. (Cl. 296—45.)



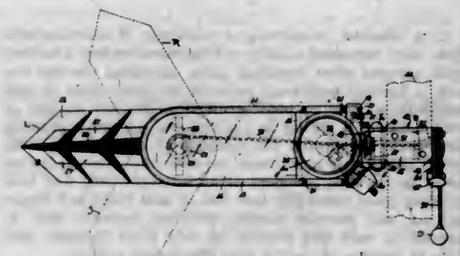
1. A main transparent medium for use as a window or wind screen of a motor vehicle, a main frame in which said transparent medium is set, said frame being hinged at one bottom corner to a part of the vehicle and being adapted to fold down in a plane parallel to such part, guides on said main frame, a supplementary frame comprising guides and being hinged to said main frame by a vertical hinge axis, and a supplementary transparent medium sliding in said guides of said supplementary frame and adapted to be slid into said guide of said main frame.

1,626,130. PLUMB BOB. ERICH BIATH, New York, N. Y. Filed May 18, 1926. Serial No. 109,889. 2 Claims. (Cl. 33—216.)



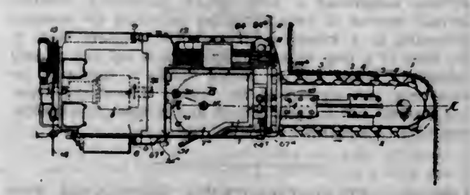
1. A plumb comprising an octagonal body, a conical tip at the upper end of said body, a lead line normally suspended from said plumb, a pair of apertures extending diametrically thru the body with their respective axes falling in intersecting planes, a level mounted lengthwise in each aperture, said levels indicating the true vertical alignment of the longitudinal axis of said plumb, and means on said body for suspending said plumb so that the same hangs vertically.

1,626,131. VEHICLE SIGNAL. DORA F. BEAUCHAMP, Forest Hills, N. Y. Filed Nov. 7, 1925. Serial No. 67,537. 4 Claims. (Cl. 116—48.)



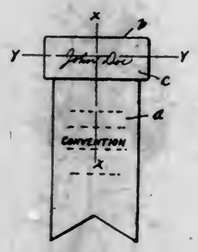
1. A device of the character described comprising a housing having a plate and a panel at opposite sides and a partition between them, the housing having an opening between the plate and partition and the space between the panel and partition being closed with the exception of an aperture, a shaft extending through said partition, a signal arm connected to said shaft and located between said plate and partition to be moved through said opening into and out of the casing, and actuating means for the signal member connected to said shaft and located between said partition and panel and extending through said aperture.

1,626,132. MINING MACHINE. CHARLES E. DAVIS, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 22, 1920. Serial No. 375,703. 42 Claims. (Cl. 262—30.)



20. A mining machine slidable on a mine bottom comprising a cutter chain carrying cutter bar extending longitudinally thereof during lateral cutting, a motor whose height substantially determines the height of the machine located in rear of the rear end of said chain and operatively connected thereto, and means for feeding said machine laterally including feed operating means disposed on a horizontal axis in front of said motor and operated thereby and flexible feeding portions acting on the opposite ends of the machine frame.

1,626,133. BADGE. JAMES C. DAY, Maplewood, N. J., assignor to The Whitehead & Hoag Company, Newark, N. J., a Corporation of New Jersey. Filed Feb. 24, 1926. Serial No. 90,256. 1 Claim. (Cl. 40—1.5.)



As a new article of manufacture, a badge comprising a strip of celluloid polished on one of its faces folded over near one end to form a name plate, the surface of said name plate exposed to view having a matt or slightly roughened surface, and means for securing the badge in place.

1,626,134. METHOD OF MANUFACTURE OF CUT MATRICES ADAPTED FOR THE PRODUCTION OF PHOTOGRAPHIC SURFACES COMPRISING REFRACTING ELEMENTS. MICHEL DEVIGNY, Paris, France. Filed Nov. 10, 1925, Serial No. 68,228, and in France Dec. 22, 1924. 4 Claims. (Cl. 41—25.)

1. The method of manufacturing matrices for the production of photographic surfaces comprising refracting elements, which consists in tempering, rectifying, and cutting a pattern wheel, rectifying a pattern cylinder, and rolling the pattern wheel on the pattern cylinder.

1,626,135. COUPLING FOR CLOSETS. CHARLES W. FANKHAUSER, Great Bend, Kans. Filed Apr. 16, 1926. Serial No. 102,516. 2 Claims. (Cl. 285—2.)



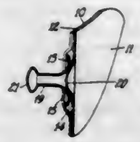
1. The combination with the flush tank and bowl of a closet, each having a passage formed therethrough and surrounded by an outwardly projecting threaded nipple, of an improved coupling therefor consisting of a pair of independent pipe sections each having one end slidably extended through one of said nipples and the other ends thereof in abutting relation, a collar surrounding each pipe and engaging the adjacent nipple, a packing surrounding each pipe and secured against the engaged nipple by the associate collar, and means for securing the abutting ends of said pipes together in leak-proof engagement.

1,626,136. FLYING SUIT. HENRY RIDGEWAY HART, Montclair, N. J. Filed June 30, 1925. Serial No. 40,489. 1 Claim. (Cl. 2—79.)



In an aviator's unionall suit a body portion having an outer layer of leather, an intermediate layer of moisture excluding material, and an inner layer of fur, and a legs portion united with the body portion and having an outer layer of cloth, an intermediate layer of moisture excluding material, and an inner layer of fur.

1,626,137. COLLAR-BUTTON GUARD. CHARLES HEIMGARTNER and OTTO STIERLI, Jersey City, N. J. Filed Oct. 23, 1926. Serial No. 143,562. 2 Claims. (Cl. 24—114.)



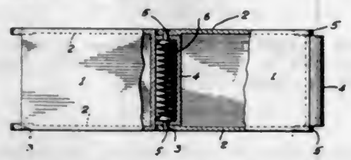
1. A collar button guard comprising a back plate and a front plate cemented together, a slit formed between said plates intermediate their length, a slot extending downwardly in the front plate in the region of said slit, an annular deformed portion on said front plate extending outwardly forming an annular pocket between the front and back plates, said back plate being depressed into said annular portion to form a curved ridge for releasably engaging the base of the collar button.

1,626,138. FASTENING DEVICE. CHESTER B. KOHN, South Orange, N. J. Filed Jan. 26, 1927. Serial No. 163,613. 7 Claims. (Cl. 24—124.)



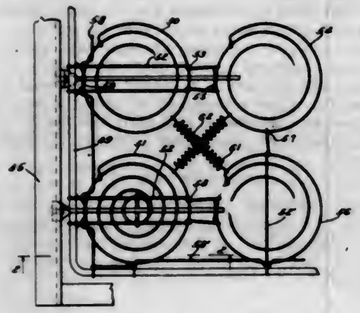
1. A necklace clasp comprising a shell portion to which one end of a cord may be attached, and a cord-retaining portion removably connected to said shell portion and having a shank housed within said shell portion and spaced therefrom and adapted to receive and releasably hold a considerable portion of the end of the cord, whereby adjustments in the length of the necklace may be easily made.

1,626,139. BRACELET. IRVING KRAYSLER, New York, N. Y., assignor to Farber-Krayslor & Bro., a Copartnership comprising as partners Julian Farber, Brooklyn, N. Y., and Irving Krayslor and Max Krayslor, New York, N. Y. Filed Apr. 3, 1926. Serial No. 99,438. 2 Claims. (Cl. 59—80.)



1. A bracelet comprising a plurality of disengageable links each including a body having side members provided with opposed pivot receiving holes extending through one end, a housing positioned between the other ends of said members, a yielding pivot projecting through an end of said housing, a spring in the housing normally pressing said pivot outwardly, the housing of one of said links being operatively positioned between the pivot receiving holes in the side members of an adjacent link, and said yielding pivot extending into one of said holes and exposing an end portion therein whereby pressure may be applied to said end portion of said pivot through said hole to depress the pivot into disengaged position.

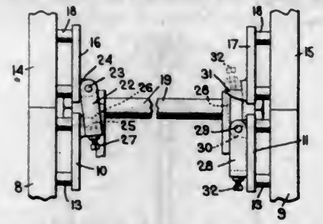
1,626,140. BED OR COUCH SPRING ORGANIZATION. CHARLES LOFMAN, Los Angeles, Calif., assignor to Roberti Bros., Los Angeles, Calif., a Corporation of California. Filed Sept. 30, 1925. Serial No. 59,569. 4 Claims. (Cl. 5—260.)



1. In an organization of the general character described, comprising a main frame supporting separate springs secured in rows by means including tie members extending to a subsidiary frame: tie members each in the form of a loop which is secured by a cut end to said subsidiary frame and is passed across a spring of an outer row and secured to the remote side of the upper lap thereof, and is then carried and secured to an adjacent side of a spring of another row.

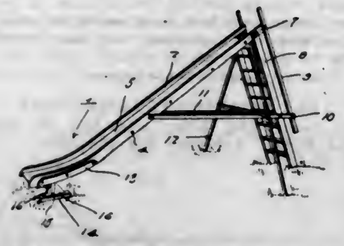
1,626,141. STANDARD-LOCKING MECHANISM FOR HOISTING MACHINES. RALPH M. LOVEJOY, Boston, Mass., assignor to Lewis-Shepard Company, Watertown, Mass., a Corporation of Massachusetts. Original application filed July 12, 1922, Serial No. 574,517. Divided and this application filed Feb. 7, 1925. Serial No. 7,508. 6 Claims. (Cl. 187—9.)

1. In a hoisting machine comprising a frame, a vertical guiding standard mounted thereon comprising a lower section, an upper section pivotally mounted thereupon and movable into alinement therewith to form an extension of said lower section, releasable locking means comprising relatively movable members upon the respective sections of said standard automatically movable into engagement when the sections are in extended position



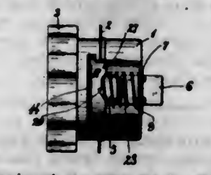
and adjustable means operable to clamp said locking means in locked position, and vertically movable load supporting means mounted upon said standard.

1,626,142. PLAYGROUND SLIDE. MAX A. MCCREE, Beaumont, Tex. Filed Sept. 27, 1926. Serial No. 137,950. 4 Claims. (Cl. 272—56.5.)



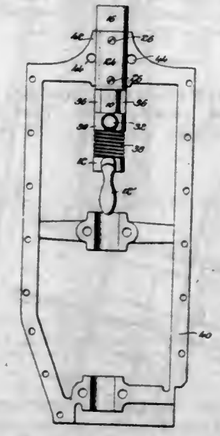
1. In a playground slide of the class described, a sliding board comprising a pair of spaced parallel side rails provided in their inner faces with grooves, transverse slats arranged in edge to edge abutting relation and assembled in groups spaced apart at intervals in the length of the board, transverse connecting bolts for the side rails located in the spaces between said groups of slats and below the upper sides of the slats, and a metal facing for the tops of said slats.

1,626,143. COIN DEVICE FOR PREPAYMENT METERS. JOSEF METTLER, Zug, Switzerland, assignor to the Firm Landis & Gyr A. G., Zug, Switzerland. Filed Feb. 25, 1922, Serial No. 539,331, and in Switzerland Feb. 18, 1921. 1 Claim. (Cl. 194—92.)



In a coin device for prepayment meters, a casing 1, having a coin receiving slot 12 and a discharge slot 13, a knob mounted for turning movement and also for movement toward and from the casing, and having a coin slot 14 and also an element 4 arranged in the casing and having a peripheral flange 17, a spring 9 normally projecting the knob from the casing and having a free end 9' arranged to bear against a coin in the slot, said flange having a pair of oppositely disposed notches 20^a, each having a shoulder 20 to engage said spring end in the absence of such coin and prevent rotation of the knob in such circumstances and also having converging sides, said flange being further provided with stop notches 27, one near each of the notches 20^a, to receive said free spring end and coact therewith to prevent premature return rotation of the knob, and means to prevent turning of the knob when the same is in projected position.

1,626,144. CASTING JIG. JOHN I. MICHAELS and LESTER R. WATKINS, Wichita, Kans., assignors to The Watkins Manufacturing Company, Wichita, Kans., a Corporation of Kansas. Filed June 26, 1926. Serial No. 118,792. 11 Claims. (Cl. 22—123.)



2. A bearing casting jig comprising a mandrel having a laterally extending surface adjacent to its upper end for contact with a machine part that is adapted to have a bearing casted therein, said mandrel having a hopper at the upper end thereof formed by inclining the upper surface of said mandrel, said hopper terminating in an orifice opening adjacent to the side of said mandrel, and means carried by said mandrel for cooperation with a bearing receiving machine part to produce a bearing receiving cavity about a portion of said mandrel, the said inclined upper surface of said mandrel intersecting the side wall thereof above said laterally extending surface whereby surplus metal remaining in said hopper after a bearing has been casted will be broken off from the bearing upon upward movement of the jig with respect to the bearing receiving machine part outside the defining limits of the bearing.

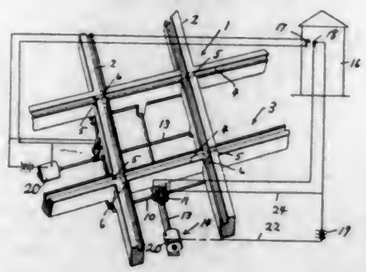
1,626,145. DETACHABLE LADDER FOR RAILWAY CARS. JONAS MITCHELL, Washington, D. C. Filed Dec. 10, 1926. Serial No. 153,879. 1 Claim. (Cl. 228—45.)



A ladder of the class described, comprising side bars connected by a plurality of rungs, a hanger bracket formed with a head having a laterally extending tank on one end thereof, and a plurality of pairs of diverging arms on the opposite end thereof, said arms being formed for

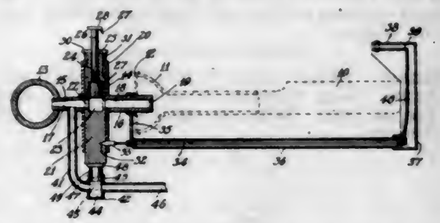
connection with the side bars of the ladder to mount the same thereon at one end, and a supporting bracket mounted on the side bars at the opposite end of the ladder and projecting laterally therefrom for cooperation with the hanger bracket to support the ladder in spaced parallel relation to the side of a railway car when the tank formed on said hanger bracket is secured in a bracket member atttached to the side of the car.

1,626,146. RAILWAY-TRACK-CROSSING STRUCTURE. LOUIS MORROW, Ontario, Calif. Filed Dec. 28, 1926. Serial No. 157,543. 2 Claims. (Cl. 246—273.)



1. In a structure of the class described, in combination, a grooved track rail, a block mounted for vertical sliding movement upon said rail and adapted to be projected into said groove to operate as a temporary bridge in the gap existing between opposed side walls of the groove, a rotatably mounted shaft, motor driven operating means for said shaft, and an eccentric connection between said shaft and block for reciprocating said block.

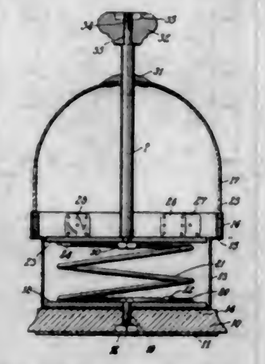
1,626,147. AUTOMATIC VALVE. ALEXANDER MOSER, Bayside, N. Y. Filed Aug. 31, 1926. Serial No. 132,705. 3 Claims. (Cl. 67—116.)



1. In combination with a burner, a valve having a hollow body and a plunger slidable in said body, a nipple and a sleeve extending in diametrically opposite directions from said body, channels in said plunger aligning with said nipple and sleeve when said plunger is depressed, said plunger having a chamber between said channels, means for locking said plunger in depressed position, means for lifting said plunger, a rotatable piston and stem in said plunger chamber for manually closing communication between said nipple and sleeve, a pin in said plunger chamber, said stem having a channel receiving said pin, said stem when rotated lowering or raising said piston.

1,626,148. GAMING DEVICE. ROBERT OBRIST, Weehawken, N. J. Filed Sept. 25, 1926. Serial No. 137,644. 2 Claims. (Cl. 273—145.)

1. In a gaming device, a bowl, a base plate supporting said bowl, a floating platform reciprocal in said bowl, a glass bell supported on said bowl making said floating platform visible, a spring supporting said floating platform, a rod secured to said platform extending upwardly and projecting above said bell, a knob secured to the projecting end of said rod, said bowl having an external



encircling flange, said bell being seated on said flange, and a retainer rim encircling said flange positioning said bell.

1,626,149. OBSTETRICAL INSTRUMENT. EDWIN ODELL, Central City, Nebr. Filed May 14, 1925. Serial No. 30,303. 3 Claims. (Cl. 128—324.)



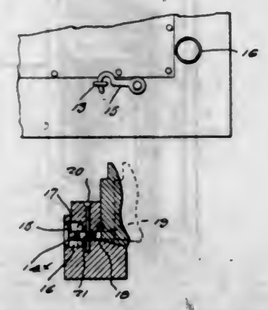
1. In an instrument of the character described, a carrier member, a plurality of arms mounted intermediate their ends on said carrier member, said arms being made up of a single piece and a double piece interfitted with each other and having oppositely deflected bearing portions engageable with the carrier member, the single piece of each arm having an eye at its forward end, and a flexible element extended through the eyes and coacting therewith to form a contractible closed gripping loop at the forward end of the instrument, said flexible elements extending rearwardly and said rearwardly extending portion being operable to contour the loop when pulled relative to the arms.

1,626,150. CHANGEABLE PICTURE FRAME. STANLEY PARDA, Middletown, Conn. Filed June 28, 1926. Serial No. 119,128. 5 Claims. (Cl. 40—156.)

1. In combination, a main frame closed at its back and equipped on the inner side of its top bar with spaced staples, a glass-carrying frame movably connected with the main frame, a packet of pictures, each picture of the packet having a pair of apertures, and picture connecting and suspending devices, each of said devices being made up of a right angle member with a hook at the upper end of one arm and an aperture adjacent to the inner end of the other arm, and a pin adapted to be removably arranged in said aperture of the right angle member and having an angularly disposed head adapted to bear on the upper edges of certain of the pictures, and the said hooks of the right angle members being adapted to be engaged with and disengaged from the said staples.

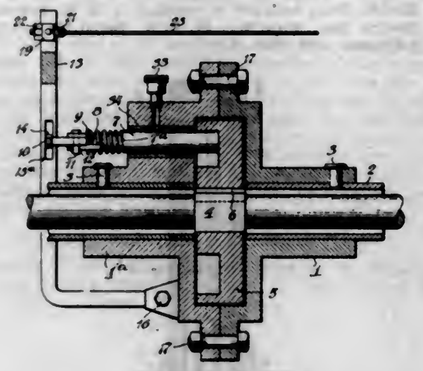
3. A picture frame comprising a main frame having a rabbet in its forward side and also having a counter-

sink in its rear side and a bore extending from said countersink to the said rabbet, an endwise movable push pin having a head disposed in said countersink and also having a shank disposed and movable in said bore, means for detachably securing a glass-carrying frame in the



rabbet of the main frame, the said glass-carrying frame hingedly connected to the main frame and adapted when closed in the rabbet of the main frame to be in position to rest detachably against the forward end of said push pin, and means retaining the push pin in the main frame.

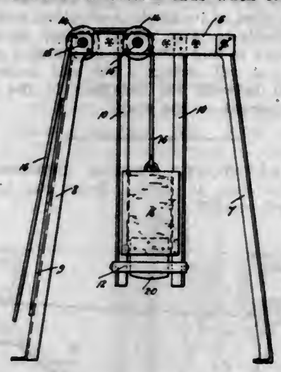
1,626,151. AUTOMOBILE BRAKE. PATRICK A. QUINN, Clifton, N. J. Filed Dec. 10, 1924. Serial No. 755,022. 1 Claim. (Cl. 188—30.)



In a device of the character designated, a casing, a motor drive shaft, a brake cam disc rotatable with said shaft and having shouldered cam surfaces in its face, a bell-crank lever pivotally mounted at one end on said casing and having a slot, a cross bar carried by said lever, a spring-actuated bolt having sliding connection with said cross bar and the latter working in said slot, said bolt being disposed parallel with said shaft, and a swiveled block connected with the free end of said lever for moving the latter to actuate said bolt to move the bolt out of register with the cams of the disc.

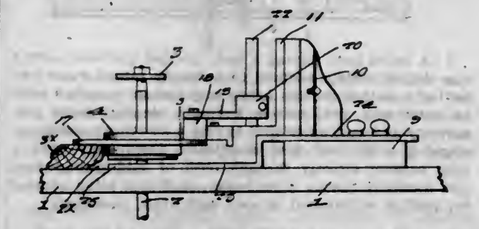
1,626,152. WOOD-SPLITTING MACHINE. CARL RASMUSSEN, Menlo Park, Calif. Filed Feb. 19, 1926. Serial No. 89,364. 2 Claims. (Cl. 144—193.)

1. A machine for splitting wood, comprising two substantially horizontal crossbars spaced apart, supports secured to the end portions of the crossbars, two vertical guide bars arranged parallel to each other and suspended from the crossbars between their end portions with the bottom ends of the guide bars clear of the ground, a weighted blade slidable between the guide bars and free to project below their bottom ends when lowered, guide



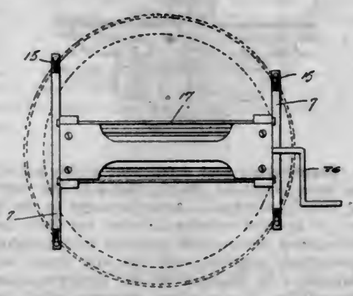
sheaves mounted on the crossbars, and a flexible lifting device supported by the said sheaves and connected to the weighted blade.

1,626,153. WOODWORK-SHAPER TABLE. EMMETT REAVELEY, Chicago, Ill. Filed May 16, 1925. Serial No. 30,772. 4 Claims. (Cl. 144—253.)



1. In combination, a table, a rotatable spindle on said table, cutting means on said spindle, and a collar surrounding the spindle in concentric relation and fastened to said table to render it relatively stationary with respect to the revolving spindle, and a work clamping ring adjustably connected with the table and arranged about the spindle and stationary collar.

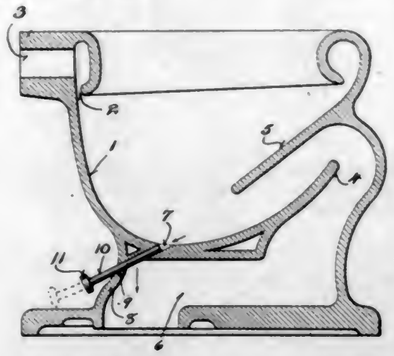
1,626,154. APPARATUS FOR WASHING CLOTHES. WILLIAM B. REEVES and MARTAIN J. POOLE, Whitehead, N. C. Filed May 5, 1926. Serial No. 106,888. 3 Claims. (Cl. 68—23.)



1. An apparatus for washing clothes including, in combination, spaced standards, clothes washing means between the standards, bars carried by the standards, each bar having in its under side adjacent to each of its ends

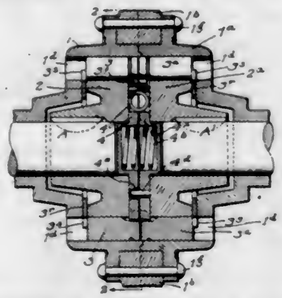
grooves to receive a tub rim and also having adjacent to each of its ends longitudinal vertically disposed slots adjacent to said grooves, each of said slots having at its intermediate point in its height a shoulder, and also having a comparatively large upper portion, hooks having shanks disposed in said slots and also having handle enlargements, and coil springs about said hooked shanks and disposed between the shoulders in the slots and handle enlargement on the shank.

1,626,155. LAVATORY. CHARLES REKEWITZ, Racine, Wis. Filed June 18, 1926. Serial No. 116,829. 3 Claims. (Cl. 4—257.)



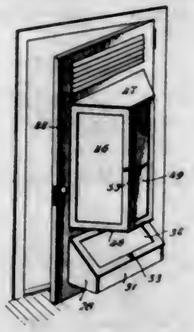
1. A toilet bowl having a body portion provided with a cup shaped bottom adapted to normally retain water and having a hollow portion below said bottom provided with an outer wall, said bottom having a slanting drain passageway and said outer wall having a slanting passageway aligning with said first mentioned passageway, and a plug passing directly through both of said passageways and normally closing passageway, said plug being adapted for partial withdrawal to open said drain passageway.

1,626,156. COMPENSATING GEARING. DAVID E. Ross, La Fayette, Ind. Filed Feb. 29, 1924. Serial No. 696,019. 21 Claims. (Cl. 74—7.)



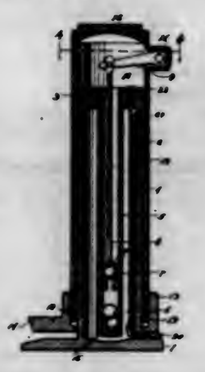
1. A compensating gear comprising a driving member; opposed disks; rocking clutch elements for each disk adapted in one position to lock the same to the driving member; an annular member between the disks and frictionally engaged thereby and provided with peripheral devices operatively engaged with the said clutch elements and adapted to be displaced by the rotary movement of one disk relative to the other, whereby when one disk moves faster than the other the related clutch elements are simultaneously disengaged and the faster disk freed from the driving member; the said clutch elements re-engaging said disk when the disks resume same speed.

1,626,157. SERVICE DOOR. AGNES R. ROSSMAN, Scotch Plains, N. J. Filed Jan. 20, 1926. Serial No. 82,397. 6 Claims. (Cl. 232—1.)



1. A foldable cabinet for doors capable of being mounted in an opening formed in a door and including top, bottom and side members hingedly connected to said door adjacent said opening to permit said members to be moved to positions substantially within the inner and outer surfaces of the door with said side members forming a closure for the inner side of said opening when the cabinet is folded, and an inner closure member combining with said side members to form a compartment on one side of said door.

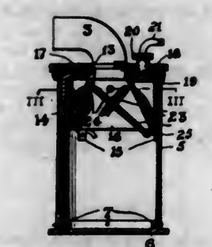
1,626,158. HYDRAULIC JACK. OTTO SCHLEMEYER, Electra, Tex., assignor of one-half to R. E. Scheurer, Electra, Tex. Filed May 27, 1926. Serial No. 111,954. 8 Claims. (Cl. 138—9.)



1. In a hydraulic jack, a base supporting a cylinder, a covering for said cylinder, a pipe entering said covering centrally thereof and depending within said cylinder to form an annular fluid reservoir; a plunger movable in said pipe to effect removal of fluid from said annular reservoir; an outer housing movable on said cylinder to receive the fluid removed from said annular chamber, means to effect movement of said plunger, and means to permit said fluid to be returned to said reservoir to lower the outer housing.

1,626,159. AIR MOISTENING AND CLEANING DEVICE. HENRY J. SCHMITT, Emsworth Borough, Pa., assignor of one-half to William M. Young, Avalon, Pa. Filed May 12, 1925. Serial No. 29,741. 4 Claims. (Cl. 261—99.)

1. In an air-moistener for an internal combustion engine, the combination of a container having a cover provided with a central aperture, means for admitting air into the lower portion of the container, an annular water tank mounted in the upper part of said container, the central bore of said tank converging upwardly, the upper end of said bore being in alignment with said aperture and being connected to the air intake of the



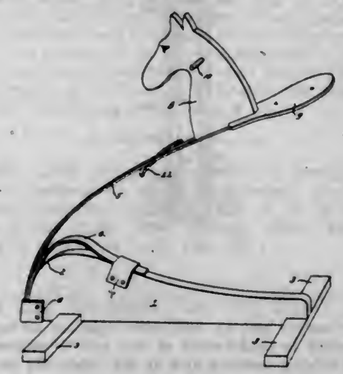
engine carburetor through said aperture, and a plurality of wicks having their ends immersed in the water contained in said tank and their bodies disposed in said bore, so that the air drawn through said container and bore by the suction of the engine will be moistened by contact with said wicks.

1,626,160. REMOVABLE WRIST-WATCH BRACELET. ABRAHAM SCHWALBERG, Brooklyn, N. Y. Filed Feb. 10, 1926. Serial No. 87,327. 7 Claims. (Cl. 324—4.)



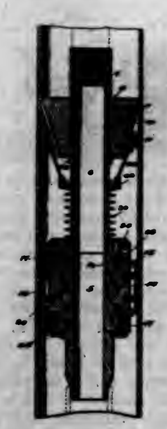
5. In a wrist watch bracelet, a body member having an inner and an outer face and including a short folded section bent back on and attached to the inner face of said body member, a buckle permanently secured in place at the bend between said body member and said folded section, a tongue on the inner face of said buckle and a loop secured to the inner face of the body member at about the middle thereof and adapted to pass about a single thickness of material only in the operative position of the body member.

1,626,161. TOY EXERCISER. WILLIAM H. SHERROD, Los Angeles, Calif. Filed Dec. 15, 1925. Serial No. 75,591. 2 Claims. (Cl. 272—55.)



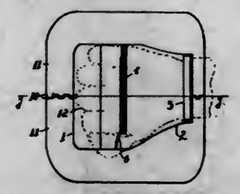
1. A device of the character described comprising; a base having an upwardly retrogressive curved surface at one end; a resilient bar having one extremity fixed at said end and a portion curving over said surface and spaced therefrom; a longer resilient bar having one extremity fixed at said end outside of the first bar and curving over the latter and progressively spaced therefrom; the free portion of the longer bar being extended upwardly over the base and having a seat at its upper extremity; and each of said bars being adapted for bending upon the curved surface beneath it when a load is placed upon said seat.

1,626,162. TUBING ANCHOR. ROY B. SIMONS and JOHN PENROD, Okmulgee, Okla. Filed May 9, 1924, Serial No. 712,083. Renewed Sept. 15, 1926. 7 Claims. (Cl. 103—219.)



1. A tubing anchor comprising male and female members having interfitting threads, the female member having spaced recesses, locking strips having offset terminal portions freely received in said recesses, and springs urging said locking strips outwardly into engagement with a casing.

1,626,163. SWIMMING PAD. FRANKLIN J. SMITH, Santa Clara, Calif. Filed Feb. 23, 1926. Serial No. 90,059. 3 Claims. (Cl. 9—21.)



1. A device of the character indicated comprising a supporting element, a hand grip mounted thereon in parallel relation to the plane thereof, a pair of plates hingedly mounted on said supporting element and movable into engagement therewith on their rear surfaces, and stop means carried by said element and positioned forwardly of said plates for engagement with their front surfaces.

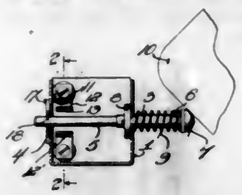
1,626,164. CONSTRUCTION OF FIREPROOF BUILDINGS. HENRY SORENSEN, San Francisco, Calif. Filed May 18, 1926. Serial No. 109,891. 2 Claims. (Cl. 72—71.)



1. In a reinforcement of an infilled structure spanning spaced flanged beams, the combination of means for attaching the one end of said reinforcement to a portion of one of said beams and the other end of said reinforce-

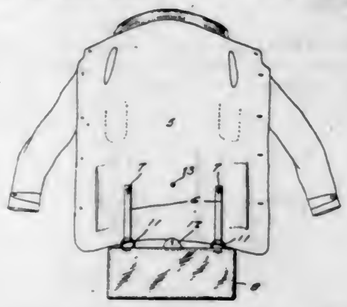
ment bent to form a wedge-like member to engage the flange on the opposed beam, whereby said reinforcement is initially tensioned and wedged to said beams when said member is driven.

1,626,165. ELECTRIC SWITCH. HOWARD A. SPAHR, Milwaukee, Wis. Filed Apr. 19, 1926. Serial No. 102,963. 1 Claim. (Cl. 200—1.)



An electrical switch comprising a casing having a circular aperture in its front wall and having a slot in its rear wall, a cylindrical plunger pivotally and slidably passing through said aperture and having its rear end slidably positioned within said slot, a head carried by the outer end of said plunger, a spring bearing against said head and against the front wall, a collar carried by said plunger and contacting with the inner face of said front wall, pairs of electrical contacts mounted within said casing and adjacent the rear portion of said plunger and adapted to be closed by said plunger when said plunger is rocked, and a latching plate carried adjacent said slot and adapted to lock said plunger against rocking motion while permitting sliding motion.

1,626,166. SEAT PAD FOR SPORTSMEN'S COATS. WILLIAM DEWEY STAIR, Mount Union, Pa. Filed July 28, 1926. Serial No. 125,482. 6 Claims. (Cl. 2—94.)



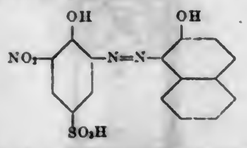
1. In combination with a coat of the character described, a seat pad normally depending below the coat, a sliding connection between the pad and the back side of the coat at the interior thereof, and means whereby the seat pad may be supported in position entirely within the coat when not in use.

1,626,167. DYESTUFFS CONTAINING CHROMIUM AND PROCESS OF MAKING THE SAME. FRITZ STRAUB, Basel, Switzerland, assignor to the Firm: Society of Chemical Industry in Basle, Basel, Switzerland. Filed Jan. 29, 1926, Serial No. 84,755, and in Switzerland Feb. 14, 1925. 4 Claims. (Cl. 260—12.)

1. A process for the production of azo dyestuffs containing chromium by treating the ortho-hydroxy-azo dyestuffs obtained by coupling nitrated mononuclear ortho-hydroxy-diazo compounds with α-naphthyl-amine derivatives which combine in ortho-position to the amino group, with derivatives of trivalent chromium.

1,626,168. DYESTUFFS AND PROCESS OF MAKING SAME. FRITZ STRAUB, Basel, Switzerland, assignor to the Firm: Society of Chemical Industry in Basle, Basel, Switzerland. Filed Jan. 29, 1926, Serial No. 84,756, and in Switzerland Feb. 16, 1925. 5 Claims. (Cl. 260—12.)

4. As new products the herein described acid wool dyestuffs containing chromium which have to be considered as complex chromium compounds of the azo dyestuffs corresponding with the formula:

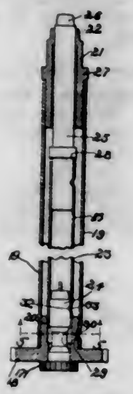


which products form black powders dissolving in water with red-violet-black, in dilute caustic soda solution with violet-black coloration, dyeing wool from an acid bath reddish-black shades with excellent properties of fastness.

1,626,169. DYESTUFFS CONTAINING CHROMIUM AND PROCESS OF MAKING SAME. FRITZ STRAUB, Basel, Switzerland, assignor to the Firm: Society of Chemical Industry in Basle, Basel, Switzerland. Filed Jan. 29, 1926, Serial No. 84,757, and in Switzerland Feb. 16, 1925. 6 Claims. (Cl. 260—12.)

1. A process for the production of new acid wool dyestuffs containing chromium, by treating azo dyestuffs containing chromable groups with chromium chromate.

1,626,170. TIMEPIECE WITH HAND-DRIVING EXTENSION. GEORGE W. TONEY, Waltham, Mass., assignor, by mesne assignments, to Old Colony Trust Company, trustee, a Corporation of Massachusetts. Filed Jan. 3, 1921. Serial No. 434,748. 5 Claims. (Cl. 58—125.)

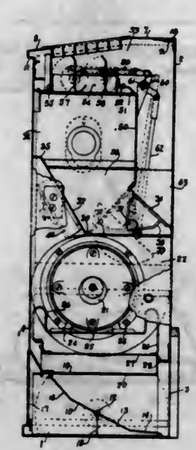


1. In a time piece, the combination, with a hand driving member and an indicating hand, of an extension shaft which is constructed at one end to embrace part of said driving member and at the other end to mount said hand, that part of the shaft which embraces said member and the part of the member embraced thereby, having interengaging offset portions formed and disposed to afford a driving clutch and to oppose yielding resistance to withdrawal of the shaft from the driving member.

1,626,171. PROCESS FOR COOKING VEGETABLE FIBER. SIDNEY D. WELLS, Quincy, Ill. Filed June 29, 1926. Serial No. 119,471. 8 Claims. (Cl. 92—9.)

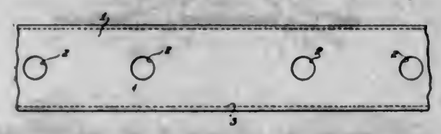
1. In a process of softening vegetable fibrous material, the steps consisting of treating such fibrous material with a solution of sodium carbonate and sulphur.

1,626,172. HEATING AND VENTILATING APPARATUS. JAY AUSTIN WOLFE, Columbus, Ohio, assignor to The Columbus Heating and Ventilating Company, Columbus, Ohio, a Corporation of Ohio. Filed Dec. 7, 1925. Serial No. 73,946. 13 Claims. (Cl. 237—137.)



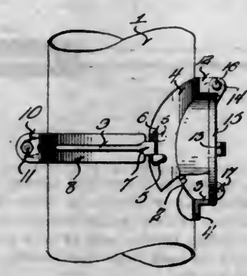
6. In combination, a main casing having means to admit air at the bottom thereof, metallic means to resiliently support a motor and fans above the bottom of the casing, a deck, a fan housing supported on said deck cooperating with said motor and fans, said deck having an opening for the exit of air therethrough, a radiator above said motor, fans and fan housing, a casing enclosing said radiator having an opening at the top and at the bottom, means to control said openings whereby the air drawn into the main casing at the bottom may be discharged through the radiator or to one side of it, said main casing being so arranged that an inlet opening is at one side of the bottom and a recirculation opening at the other, and a damper located therebetween to control the passage of air through either side of the casing at the bottom thereof, and means located below and cooperating with the damper to prevent the passage of air from one opening to the other.

1,626,173. DRY CELL. VICTOR YNGVE, South Orange, N. J., assignor, by mesne assignments, to National Carbon Company, Inc., New York, N. Y., a Corporation of New York. Filed Jan. 25, 1924. Serial No. 688,424. 5 Claims. (Cl. 136—107.)



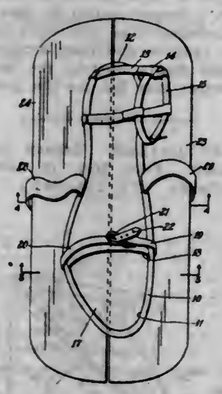
1. The method of forming a dry cell which comprises forming a plurality of perforated tablets of depolarizing mix, perforating a strip with perforations arranged in pairs longitudinally thereof, bending said strip into a number of comb shaped cross sections with the holes in alignment, placing the tablets with their holes in line with the holes in said electrode and inserting a carbon electrode through said aligned holes.

1,626,174. CHECK DRAFT. MATHEW ZENTNER, Oshkosh, Wis., assignor to Teela Sheet Metal Co., Oshkosh, Wis. Filed Mar. 26, 1925. Serial No. 18,430. 1 Claim. (Cl. 126—285.)



The combination of a flue pipe having an aperture through its cylindrical wall, and an attachment comprising a cylindrical portion provided with an outwardly projecting wide flanged portion curved to fit said pipe and extending completely around the cylindrical portion of said attachment, said attachment being positioned over the aperture in the pipe, a pair of outwardly opening hooks formed on opposite sides of the flanged portion, a pair of ribbed straps having laterally projecting pins carried at one end and adapted to engage said hooks and having apertured ears at the other end and a clamping bolt passing through the apertured ears of said straps, said flanged portion and said ribbed straps being rigid and serving to brace the pipe.

1,626,175. SWIMMING SHOE. JOSEPH ZIMMER, Brooklyn, N. Y. Filed Oct. 11, 1926. Serial No. 140,707. 1 Claim. (Cl. 9—21.)



A swimming shoe comprising a sole shaped similar to the foot, a cage at the rear end of said sole, a strap at the forward end, a pair of fins larger than said sole pivotally mounted on the latter, said fins comprising a pair of longitudinal flat members, individual hinges arranged side by side secured to said sole and each fin, said fins being adapted to lie parallel to said sole in the thrust stroke, the mutually adjacent corners of said fins being chamfered angularly to permit said fins to be rotated from an aligned position to a position substan-

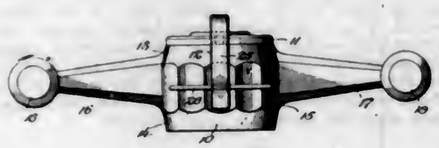
tially parallel to each other, and limiting straps mounted on said fins intermediate their length and connected to said soles, said straps being adapted to limit the movement of said fins from the thrust stroke to the recovery.

1,626,176. PLUG GAUGE. FRANCIS L. ATWOOD, Anderson, Ind. Filed May 25, 1926. Serial No. 111,567. 5 Claims. (Cl. 33—178.)



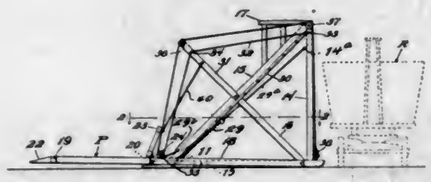
1. A plug gauge, comprising a cylindrical gauge element, a handle having an axial hole in one end thereof for receiving either end of said gauge element, means for preventing rotation of said gauge element in said handle, and means acting at that end of said gauge element which is received in such hole for holding said gauge element in said handle.

1,626,177. RADIATOR CAP. WILLIAM H. BILLINGSLEY, Florence, Ala. Filed Mar. 3, 1924. Serial No. 696,644. 1 Claim. (Cl. 292—101.)



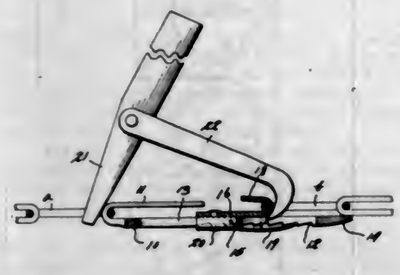
The combination with a body member and a hinged cover therefor, of a latch carried by said cover for engagement with a keeper carried by said body member, said keeper consisting of an inherently resilient member secured at its ends to said body member at relatively widely separated points whereby the intermediate portion of said keeper may flex for the purpose set forth.

1,626,178. HAY LOADER. GEORGE JAMES BOWMAN, Glenburn, Calif. Filed Mar. 13, 1926. Serial No. 94,492. 6 Claims. (Cl. 214—131.)



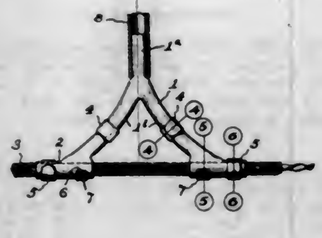
1. In a hay loader, a base, a substantially horizontal platform supported above and from the base, a pair of arms pivoted to the base and swingable about the pivots thereof from a horizontal position where they substantially align with the base to a vertical position where they substantially align with the edge of the platform remote from the free ends of the arms when in the first named position, a second platform carried by the free ends of the arms and having a pivoted apron at its inner edge, said apron being movable to a position where it substantially aligns with the platform to permit dumping of the contents when the arms are in the vertical position, the first named platform supporting the free edge of the apron during passage of the apron thereover and means for moving said arms from the horizontal to the vertical position thereof including a part supporting said apron at substantially right angles to its platform until the free edge of said apron overlies the first named platform.

1,626,179. TIGHTENER AND HOLDER FOR TIRE CHAINS. GEORGE JAMES BOWMAN, Glenburn, Calif. Filed July 17, 1926. Serial No. 123,163. 3 Claims. (Cl. 24—68.)



1. A tightener and holder for chains comprising a shank having ratchet teeth upon one face, and a slide mounted upon the shank and having a spring engaging the ratchet teeth, one end of the shank and the slide being provided with hooks turned towards each other, one of said hooks being longer than the other and said hooks being deflected so that the extremities of the hooks may pass each other when the hooks are brought into proximity.

1,626,180. LIGHTNING-ROD CONNECTER. BYRON C. BURKETT, Fremont, Ohio, assignor to The Burkett Lightning Rod Company, Fremont, Ohio, a Corporation. Filed June 4, 1924. Serial No. 717,699. 6 Claims. (Cl. 173—31.)



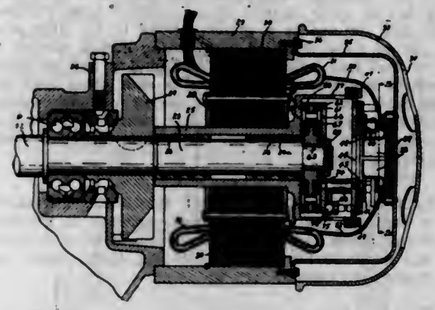
1. In lightning rod apparatus of the class described, the combination with a conductor and a collector, of a connecter device comprising complemental substantially Y-shaped tubular sections having tubular conductor and collector engaging ends.

1,626,181. PUMP. CHARLEY E. BURNS, Haynesville, La. Filed Jan. 11, 1926. Serial No. 80,404. 10 Claims. (Cl. 103—204.)



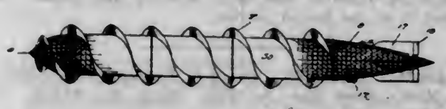
1. In combination, a cylinder, a pump rod, a piston working therein, a material cutter and means to rotate said material cutter telescoping within said pump rod.

1,626,182. ELECTRICAL APPARATUS. JOHN G. CAMPBELL, Dayton, Ohio, assignor, to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed Feb. 24, 1923. Serial No. 621,093. 5 Claims. (Cl. 172—278.)



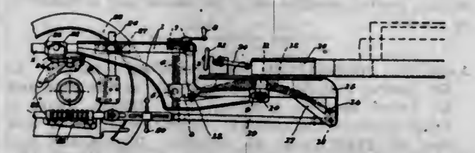
2. In an electric motor, the combination with a shaft and a rotor mounted for movement relative to the shaft; a speed responsive clutch for connecting the rotor and shaft; a speed responsive switch for controlling a motor circuit, said clutch and switch each having centrifugally-operated elements disposed at one end of the shaft, and means supported by the rotor adjacent said end of the shaft for supporting said elements of the clutch and switch.

1,626,183. LIGHTER-THAN-AIR CRAFT. JOSÉ S. CANDRAY, San Francisco, Calif. Filed Sept. 30, 1926. Serial No. 138,686. 17 Claims. (Cl. 244—6.)



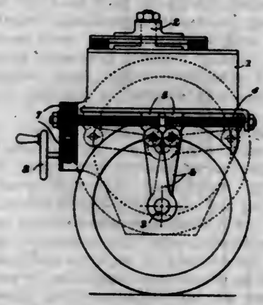
1. An air craft of the class described including, in combination, a stator core, a rotor casing about the core, means for rotatably mounting the casing about the core, lighter than air lift means mounted about the core and in the casing, means for rotating the casing, and propelling means on the casing.

1,626,184. COUPLING MEANS BETWEEN MOTOR TRACTORS AND THEIR TRAILERS. JOSEPH CODER and LOUIS CODER, St.-Marcel-les-Marseille, France. Filed June 25, 1926, Serial No. 118,521, and in France Apr. 26, 1926. 3 Claims. (Cl. 280—33.1.)



1. Coupling means for uniting trailers to their tractors of the type referred to, comprising in combination with a tractor a vertical shaft mounted to the rear of the back axle of the tractor, a frame pivoting about said shaft, means, mounted above said back axle, for guiding one end of said frame, means for coupling the other end of the frame to the front end of the trailer, screw means for adjusting the inclination of the trailer chassis with respect to the frame, a coupling rod for transmitting the drive from the tractor to the trailer, means for varying the length of said coupling rod, springs for absorbing longitudinal tensile and compressive forces and spring for absorbing vertical forces between the trailer and the tractor.

1,625,185. TRACTOR TRAILER OF THE TYPE CARRIED ON TWO WHEELS. JOSEPH CODER and LOUIS CODER, St.-Marcel-les-Marseille, France. Filed June 25, 1926, Serial No. 118,522, and in France Apr. 26, 1926. 6 Claims. (Cl. 280—33.1.)

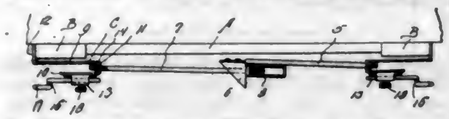


1. A supporting wheel for a two wheeled trailer comprising in combination with the trailer a frame pivoted thereto depending sides on the frame forming slides for the wheel axle, left and right handed screws carried horizontally by the frame, nuts thereon, and arms connected to the nuts and to the wheel axle so that the wheel axle is supported by the screws and whereby on the rotation of the screws the wheels can be raised and lowered.

1,626,186. CURTAIN BRACKET. JAMES COLONE, Collinsville, Ill. Filed Mar. 20, 1926. Serial No. 96,256. 1 Claim. (Cl. 156—23.)

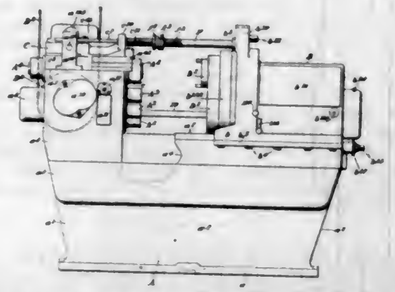
A device of the class described including, in combination, a pair of bars, a triangular shaped block on the end of one bar, the other bar piercing the block, a nut on the other bar for adjusting the bars in relation to each other, and side engaging members on the outer ends of the bars, each side engaging member including a U-

shaped body having its bight portion pierced by one of the bars, one side of the bight portion terminating in an offset extension, a sleeve on the other side of the side



engaging member, a shank slidable in the sleeve, a U-shaped portion merging from the shank and terminating in a hook.

1,626,187. THREADING MECHANISM. ADOLPH L. DE LEEUW, Plainfield, N. J., assignor to The Goss and De Leeuw Machine Company, New Britain, Conn., a Corporation of Connecticut. Original application filed Jan. 30, 1923, Serial No. 615,884. Divided and this application filed Dec. 23, 1924. Serial No. 757,652. 50 Claims. (Cl. 29—38.)



1. A combined threading and tooling mechanism comprising a relatively movable tool-carrier and work-carrier; a head; a spindle slidable in said head for supporting a threading tool; means for preventing relative movement between said head and said work-carrier while simultaneously causing relative movement between said tool-carrier and said work-carrier; and mechanism for positively causing said spindle to function during the last mentioned relative movement.

10. In a metal-working-machine, a bed; a sliding turret-head thereon, comprising a turret, indexing mechanism and locking mechanism for said turret, feed mechanism for said turret-head including speed change-gearing, reversing and speed-controlling devices, and controlling cams, and a feed-shaft with gearing to connect said shaft operatively with the respective instrumentalities of said turret-head; a multiple-spindle-head-stock connected with said bed and comprising a plurality of tool-spindles, one of said spindles being carried by a head mounted slidingly on said headstock, feeding mechanism for said tool-spindle-head, and means to actuate said head-tool-spindle rotatively, and a shaft to operate said feeding mechanism and actuating means; a main actuating gear common to said spindles other than said head-tool-spindle, and individual speed-change gears for each of said spindles; a main driving-shaft and connections between said main shaft and said turret-feed-shaft, said tool-spindle-head and said common spindle-driving-gear respectively, to permit actuation of the several instrumentalities thereof, through said main shaft, by a single source of power, such as a belt or motor.

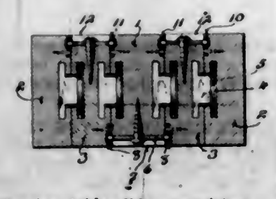
50. A machine for simultaneously tapping and forming work, said machine combining a work-head and a forming-tool-head; means bringing said heads together and apart to form the work; an auxiliary head; a threading tool mounted shiftably therein; means for maintaining in unitary relation said work-head and said auxiliary-head; and means for causing said threading-tool to act on said work while said relation is being maintained.

1,626,188. SUSPENSION OF AUTOMOBILES AND OTHER VEHICLES. GEORGES HENRI ERNEST DE RAM, Boulogne-sur-Seine, France. Filed Nov. 20, 1922, Serial No. 602,296, and in France Dec. 5, 1921. 4 Claims. (Cl. 267—8.)



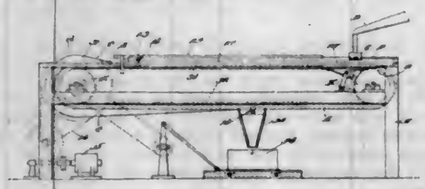
1. In a vehicle suspension, the combination of two springs of different flexibility, and a damping device associated with said springs and adapted to permit the simultaneous action of both of said springs under slow vibrations and to decrease the effectiveness of one of said springs under relatively rapid vibrations.

1,626,189. TABLE SLIDE. HERBERT H. DREW, Watertown, Wis., assignor to Watertown Tableslide Co., Watertown, Wis. Filed Nov. 10, 1924. Serial No. 748,957. 2 Claims. (Cl. 45—115.)



1. An extension table slide comprising a central member having racks secured to its vertical faces adjacent one side and having a pinion secured to its other side, a pair of outer members each having a rack secured to a vertical face adjacent one side, and a pair of intermediate members located between said outer members and said central member and having pinions meshing with the racks on said outer and central members and having racks meshing with the pinion carried by said central member.

1,626,190. HANDLE-BENDING MACHINE. WILLIAM S. ELLIOT, Northampton, Mass., assignor to Pro-phylac-tic Brush Company, Northampton, Mass., a Corporation of Massachusetts. Filed May 2, 1925. Serial No. 27,493. 20 Claims. (Cl. 18—3.)

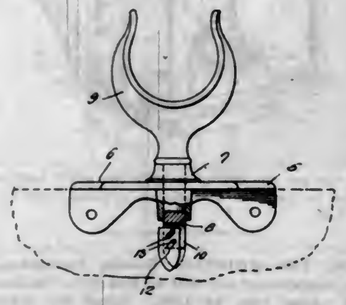


1. In a machine of the character described and in combination, means for heating the handle locally intermediate its ends, a conveyor to carry the handle past the heating means, and means acting on the handle to displace an unheated part of it laterally and thereby to bend it at the heated portion.

1,626,191. OARLOCK. ERICK G. ERICKSON, Alexandria, Minn. Filed Mar. 9, 1926. Serial No. 93,478. 2 Claims. (Cl. 9—26.)

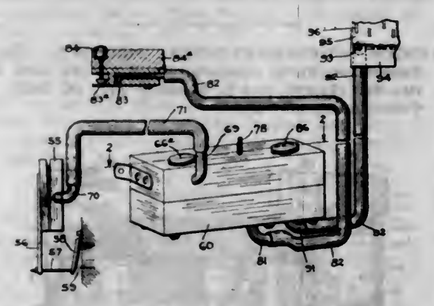
1. In combination with an oar lock and its keeper, wherein the pin of the oar lock is formed at its lower

end with a cross slot, a plate arranged in said slot, said plate being of substantially the same width as the slot but being of greater length than the slot, the lower end of said plate being pointed, said plate provided with a pair of vertically spaced diagonally extending slots, the lower end of the slots being arranged at a point intermediate the sides of the plate, pins extending trans-



versely through the slotted end of the oar lock pin and through the respective slots in the plate, said pins and the cooperating diagonally extending slots permitting the plate to move by gravity whereby one side portion thereof will project beyond the adjacent side of the oar lock pin the projecting portion of the plate adapted to cooperate with the lower end of the keeper to prevent the withdrawal of the oar lock.

1,626,192. PNEUMATIC-CONTROL DEVICE. STANLEY L. FISHER, Chester, Conn., assignor to Pratt Read Player Action Company, Deep River, Conn. Filed Oct. 23, 1920. Serial No. 418,878. 28 Claims. (Cl. 84—48.)



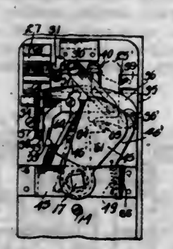
1. In a pneumatic control device, a power pneumatic, a valve to control the admission of atmosphere and exhaust to said pneumatic, means to supply air below said valve to move the same and means, independent of said first named means, to cut off said air supply.

13. In a pneumatic control device, a controlling valve, a valve port adapted to be opened to operate said valve, and note sheet controlled means to restore said valve to its original position while said valved port is still open.

1,626,193. COIN-CONTROLLED LOCK. NORMAN W. GAYLE, Beech Grove, Ind., assignor to Charles N. Van Cleave, Indianapolis, Ind. Filed Oct. 5, 1923. Serial No. 666,816. 25 Claims. (Cl. 194—74.)

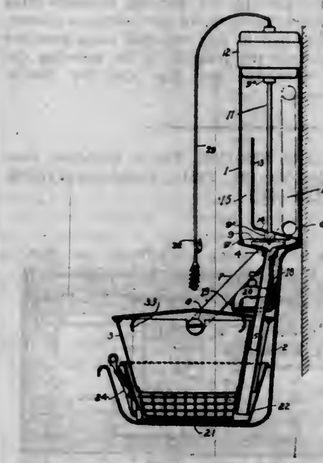
2. In a coin-controlled device, a casing having a coin-slot, a rockarm, means on the rockarm adapted to sus-

tain independently a coin of suitable character, a shutter for the coin-slot, pivoted coaxially with the rockarm, a detent for the shutter, and means whereby said coin



moves the shutter into latching engagement with the detent, and means for releasing the shutter, substantially as set forth.

1,626,194. DISHWASHING MACHINE. NELSON H. HENDERSON, Syracuse, N. Y., assignor to Syracuse Industrial Gas Co., Syracuse, N. Y., a Corporation of New York. Filed Mar. 12, 1924. Serial No. 698,778. 7 Claims. (Cl. 141—9.)

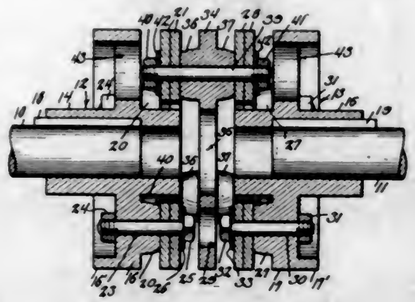


4. In a dish washing machine, the combination with a receptacle for holding the dishes to be washed, of a pump including a casing and a rotor in the casing, intake and discharge conduits leading respectively to and from the suction and pressure sides of the pump, the conduits being supported by the casing and having their other ends free, the intake conduit having its free end provided with a detachable telescoping lower section.

1,626,195. FLEXIBLE COUPLING. WILLIAM A. HILLER, Manor, Tex. Filed June 1, 1926. Serial No. 113,023. 1 Claim. (Cl. 64—96.)

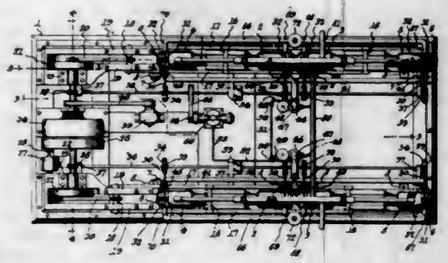
In a flexible coupling of the character described, a pair of spaced disc members having centrally arranged aligned hubs, each of said disc members having an annular series of openings formed therethrough, axially extending opposed centrally bored lug carried by said disc members, a key disc arranged between said first mentioned disc members and having an annular series of apertures formed therethrough each aligning with and arranged between a pair of said aligned opposed lugs, an annular series of lugs projecting from each face of said key disc

each being positioned opposite an opening of the adjacent one of the first mentioned disc members, said key disc lugs being arranged in oppositely directed pairs and having a bore passing therethrough from one side of the key disc to the other, flexible annular coupling elements overlying the lugs upon each side of said key disc and abutting the ends of the lugs of the adjacent one of the first mentioned disc members, securing bolts passing



through each pair of lugs of the key disc and through the adjacent coupling elements to secure the same thereto and securing bolts passing through each lug of the pair of disc members and through the coupling elements lying thereagainst, to secure the coupling disc members thereto, said openings of said pair of disc members being provided and arranged to permit the removal of the securing elements associated with the key disc and the flexible coupling disc elements.

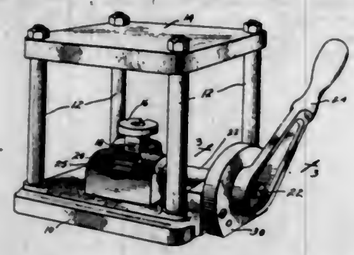
1,626,196. GASOLINE ENGINE. FRANK HOFFNER, Nanticoke, Pa. Filed May 31, 1924. Serial No. 717,062. 1 Claim. (Cl. 123—57.)



In a device of the class described, oppositely disposed cylinders, fuel conduits discharging into the cylinders, valve spindles supported for rotation, throttle valves on said spindles and operating in the conduits, arms on said spindles, a link connecting said arms, a second arm on one shaft, a governor operatively connected with the second arm, a driven shaft, pistons operating in the cylinders, means for connecting the pistons operatively with the driven shaft, a second valve shaft supported for rotation, means for connecting the driven shaft with the second shaft, and means for connecting the second shaft with the governor.

1,626,197. LOCKING MECHANISM. EARL S. HUTTON, Detroit, Mich. Filed Mar. 25, 1926. Serial No. 97,470. 6 Claims. (Cl. 29—89.)

6. In locking mechanism, a rotatable shaft, a notched disk on the shaft, a casing about the disk, a crank on the shaft, said crank having an arcuate portion extending between the disk and the casing and provided with a slot registering with the notch in the disk, a locking member loosely mounted within said notch and slot adapted to be



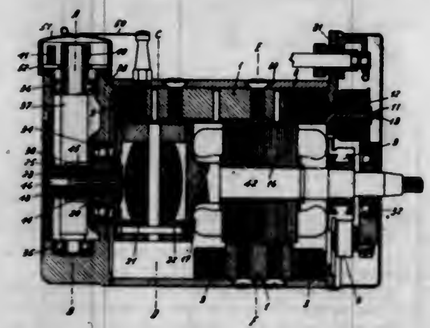
wedged against the casing to lock the shaft against rotation upon an impulse of rotation applied from the shaft to the disk.

1,626,198. TOY WHISTLE. EUGENE JACQUEMIN, Kent, Wash., assignor of one-half to Henry L. Charles, Kent, Wash. Filed Dec. 13, 1926. Serial No. 154,546. 5 Claims. (Cl. 46—46.)



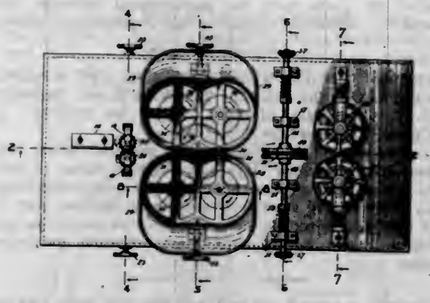
1. A toy whistle, comprising a tubular body member open at each end, its upper end having its forward edge reduced in thickness, and a tubular mouthpiece, open at each end and having its lower end of a form complementary to said upper end, hingedly secured to the member.

1,626,199. DYNAMO-ELECTRIC MACHINE. FRITZ KESSELRING, Furth, Germany. Filed Apr. 14, 1926. Serial No. 102,039, and in Germany Apr. 18, 1925. 5 Claims. (Cl. 171—209.)



1. A dynamo electric machine comprising in combination electro-magnets to produce magnetic fields, an armature shaft journalled by but two bearings, two armatures co-axially arranged side by side, on said shaft, one adapted to generate current for lighting and the other adapted to generate current for ignition, at least one pole of said electromagnets of the light-dynamo having a prolongation adapted to magnetize the ignition armature.

1,626,200. STORAGE-BATTERY GRID-PASTING MACHINE. BERT H. KRAFFT, Cambridge, Mass., assignor, by mesne assignments, to Samuel H. Borofsky, Brooklyn, N. Y. Filed May 14, 1926. Serial No. 109,117. 5 Claims. (Cl. 226—39.)



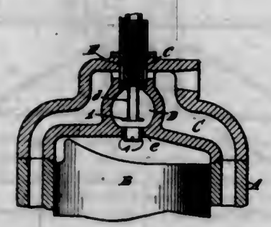
1. A storage-battery grid-pasting machine comprising in combination two oppositely-disposed paste receptacles, said receptacles being separated for the passage of a grid therebetween and having registering paste outlets, and a member rotatably mounted in each receptacle for forcing the paste through said outlets, said members each having an arm curving upwardly and outwardly from its lower point of support on said receptacle to the wall thereof.

5. A storage-battery grid-pasting machine comprising in combination two oppositely-disposed paste receptacles separated for the passage of a grid therebetween and having registering paste outlets, means rotatably mounted in each receptacle for forcing paste through said outlets, a pair of fabric covered rollers constructed and arranged to permit the pasted grid to pass therebetween, and means for heating said rollers.

1,626,201. FABRIC MATERIAL AND PROCESS FOR OBTAINING SAME FROM CEMENT BAGS. JOSEPH LABO, Fenton, Mich. Filed Mar. 8, 1926. Serial No. 93,321. 4 Claims. (Cl. 8—8.)

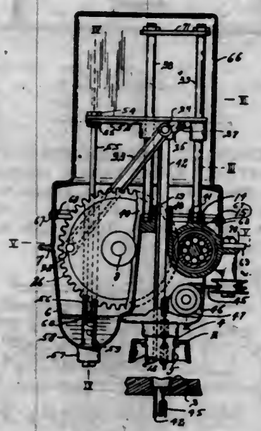
1. The process of reclaiming cloth from used cement bags comprising the following steps; removing the seams and ragged portions from said bag to form a single ply fabric, beating said fabric to free the same from coarse particles and dust, mechanically washing said fabric in a hot washing solution, bleaching, rinsing, and extracting the fluid from the fabric.

1,626,202. INTERNAL-COMBUSTION ENGINE. CHARLES E. LUCKE, New York, N. Y., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Mar. 17, 1920, Serial No. 366,511. Renewed Sept. 17, 1926. 12 Claims. (Cl. 123—33.)



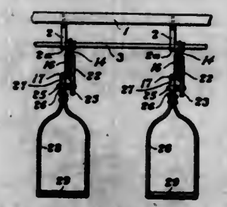
1. The method of feeding liquid or solid fuel to an internal combustion engine cylinder, which consists in compressing air in the engine cylinder and in a precombustion chamber having a restricted opening into the cylinder to ignition temperature, injecting fuel during or at the end of compression in a solid unbroken stream against a hot splash surface near the opening from the precombustion chamber into the cylinder, so as to secure combustion of only a limited portion of the injected fuel, and feeding the fuel to the cylinder by the flow of vapor and air from the precombustion chamber caused by relative pressures within the precombustion chamber and cylinder.

1,626,203. WINDMILL. HERBERT H. MACOMBER, Kendallville, Ind., assignor to Flint & Walling Mfg. Co., Kendallville, Ind., a Corporation of Indiana. Filed Dec. 29, 1922. Serial No. 609,554. 9 Claims. (Cl. 170—47.)



1. A wind motor open top main housing section unit, a closure cap for the unit, transmission mechanism mounted in the unit including a crosshead movable in the cap, and having bearings, a lubricant way above said bearings, and lubricant distributing ducts from the way to said bearings, and cross-head actuated pump means for supplying lubricant to the crosshead lubricant way.

1,626,204. SWING. JOHN J. MCGINTY, New York, N. Y. Filed Feb. 2, 1926. Serial No. 85,419. 2 Claims. (Cl. 272—36.)

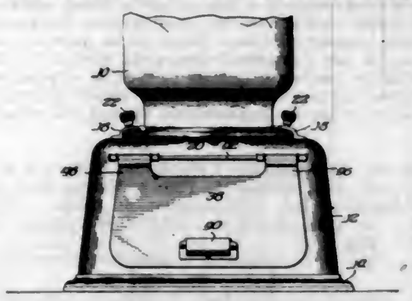


1. A swing having the combination of an operating shaft, means to rock said shaft, a hanger swung by said shaft, a gear carried by said hanger and swingable therewith, a pinion in mesh with said gear, said pinion being joined to a journal mounted in a bearing, said bearing being carried by a member, said member being pivoted in said hanger concentrically with said gear, a seat, and a suspender for said seat being joined to said journal.

1,626,205. CANDY-JAR HOLDER. EDWARD MEASER, Pittsburgh, Pa. Filed Sept. 13, 1923. Serial No. 662,880. 5 Claims. (Cl. 211—7.)
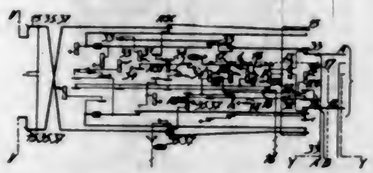
1. In combination, a glass jar containing confections, a pedestal having an open bottom for the jar, a shelf

telescoped in said pedestal to support the contents of the jar, an open bottom for said shell, a tray telescoping



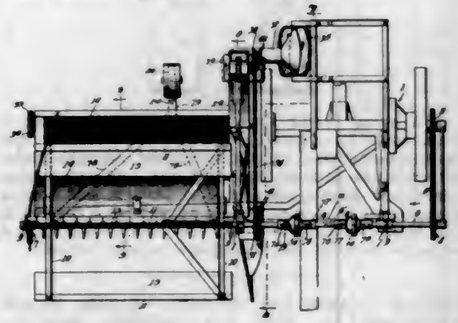
in the bottom of said shell, and means contained in said tray for keeping the confections in the jar in a fresh condition.

1,626,206. AUTOMATIC AND SEMIAUTOMATIC TELEPHONE SYSTEM. RALPH MORDIN, London, England, assignor to The Relay Automatic Telephone Company, Limited, London, England. Filed Dec. 3, 1923, Serial No. 678,234, and in Great Britain Jan. 5, 1923. 6 Claims. (Cl. 179—18.)



1. An automatic telephone system in which lines are selected by calling an invariable numerical designation comprising a main exchange, a number of lines thereon, a local exchange, a number of lines of the local exchange, a two-wire only junction between the exchanges, apparatus at the local exchange which upon any line thereon becoming a calling line will operate at once to extend this line to the junction, and means located in the main exchange and adapted upon being controlled by the calling subscriber in a particular manner so to modify the conditions of the said apparatus as to cause said apparatus to release the junction.

1,626,207. SEED-GATHERING DEVICE. SHERMAN L. MOSHER, Coffeyville, Miss. Filed Jan. 20, 1921. Serial No. 438,639. 16 Claims. (Cl. 56—207.)



15. In a device of the kind described, grain cutting mechanism provided with a screen arranged to receive the cut grain and permit the seed shed therefrom to pass through the screen, in combination with means for conveying the seed from beneath the screen and delivering the same therefrom, means for regulating the speed of the conveying means, a supplemental conveyor arranged to receive the grain, a supplemental screen arranged to receive the grain from the supplemental conveyor, and means for adjustably operating the supplemental screen.

1,626,208. BINDING FUEL MATERIAL AND METHOD OF PRODUCING SAME. THEODORE NAGEL, Brooklyn, N. Y. Filed May 24, 1924. Serial No. 715,673. 12 Claims. (Cl. 44—14.)

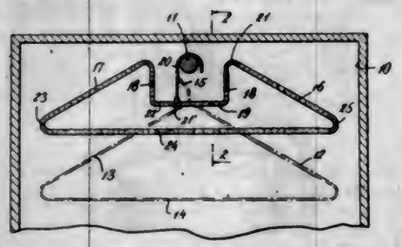
1. The method of making a fuel material which comprises mixing alcohol slops and sulphite liquor in suitable proportions, incorporating the same with comminuted fuel, pressing the same, and heating to between 250° C. and 500° C. to convert the mixture of alcohol slops and sulphite liquor into a hard, water-insoluble, smokeless binder.

1,626,209. SAFETY CRANKING DEVICE FOR INTERNAL-COMBUSTION MOTORS. DANIEL L. OULTON, Everett, Mass., assignor to Oulton Manufacturing Corporation, a Corporation of Vermont. Filed May 25, 1925. Serial No. 32,640. 3 Claims. (Cl. 123—185.)



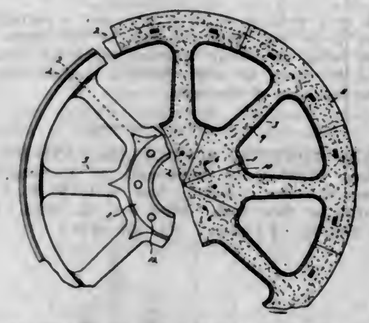
2. In a device of the character specified the combination of a rotatable one-way clutch member provided with an inset portion having an inclined surface, a second rotatable member provided with a pocket, a third rotatable member arranged to receive cranking force mounted between said rotatable members, said third rotatable member being provided with a slanting hole, a plunger slidably mounted in said hole and arranged to bear at one end upon said inclined surface and to be projected by sliding contact therewith until its opposite end enters the pocket in said second rotatable member, thus forming a driving connection between said rotatable members.

1,626,210. GARMENT HANGER. LEON A. PHILLIPS, New York, N. Y. Filed May 18, 1925. Serial No. 30,891. 3 Claims. (Cl. 223—62.)



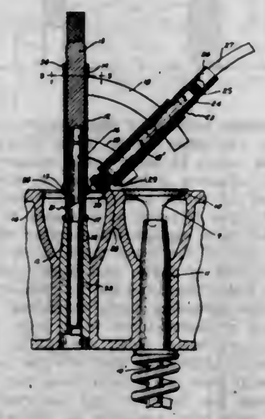
1. A garment hanger comprising a pair of upwardly and inwardly extending garment supporting members, a depressed horizontal portion connecting the inner ends of said supporting members, and a hook connected to said horizontal portion, the upper end of the hook terminating substantially in the horizontal plane passing through the upper ends of said supporting members.

1,626,211. CAST-WHEEL CONSTRUCTION. NED S. REED, Detroit, Mich., assignor to Paige-Detroit Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 27, 1925. Serial No. 26,264. 4 Claims. (Cl. 301—65.)



4. The combination with a wheel hub having an annular flange secured thereto and a cast wheel including a felly section opening radially outwardly, hollow spokes and a hollow hub section integral with said spokes and having spaced side walls with a continuous space between their inner terminal edges, the interiors of said spokes, felly and hub communicating and means for securing said cast wheel to said wheel hub including securing elements extending through said hub section and secured to said annular flange.

1,626,212. VALVE-SEAT GRINDER. JOSEPH W. ROY, Detroit, Mich., assignor of fifty-one one-hundredths to Phileas Delage, Detroit, Mich. Filed Apr. 16, 1925. Serial No. 23,529. 6 Claims. (Cl. 51—241.)

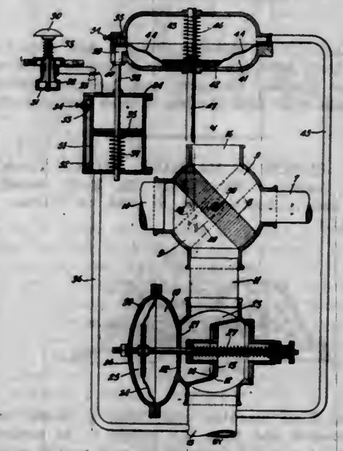


1. A valve seat grinder of the class described, comprising a center pin; a supporting member having a socket for the reception of said center pin; a sleeve threaded on said supporting member and adapted for threading longitudinally thereof; arcuate arms projecting outwardly from said sleeve; a tubular member adjustably carried by said arcuate arms; a grinding member; and means for carrying said grinding member mounted in said sleeve on said arms for regulating the distance of said grinding member from said center pin.

1,626,213. METHOD OF TREATING LIQUID INSULATED TRANSFORMERS. EMIL STENKVIST, Ludvika, Sweden, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden, a Corporation of Sweden. Filed June 26, 1926, Serial No. 118,858, and in Sweden July 4, 1925. 1 Claim. (Cl. 175—361.)

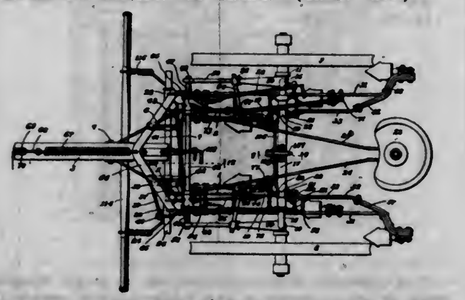
Method of treating transformers intended to operate in an insulating liquid in a closed receptacle, consisting in drying the transformer, filling the receptacle containing it with a dry gas under a pressure slightly higher than that of the atmosphere for storing or transport, expelling the gas and introducing liquid after storing or transport.

1,626,214. SINGLE-TUBE PNEUMATIC-DISPATCH UNIT. JOSEPH J. STOETZEL, Queens Village, N. Y., assignor to G. & G. Atlas Systems, Inc., New York, N. Y., a Corporation of New York. Filed June 9, 1926. Serial No. 114,651. 9 Claims. (Cl. 243—9.)



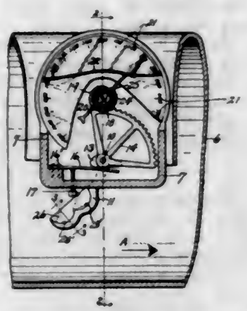
1. In a pneumatic dispatch apparatus, a carrier-transmitting line, a vacuum-producing device, means for connecting the vacuum-producing device to either end of the carrier-transmitting line to thereby cause carriers to travel through the line in either direction, and means for establishing a minimum flow of air through the line between carrier-impelling operations.

1,626,215. CULTIVATOR. CARL G. STRANDLUND, Moline, Ill., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Mar. 20, 1922. Serial No. 544,996. 15 Claims. (Cl. 97—233.)



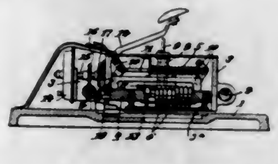
1. In a cultivator, the combination with an arch axle and dirigible wheels, of a frame movably supported on the axle, foot levers pivotally supported on the frame, and connections from said levers to the axle, said levers operable to move the frame laterally and simultaneously steer the wheels in the same direction.

1,626,216. FLOW METER. JOHN F. O. STRATTON, Chicago, Ill. Filed Sept. 7, 1920. Serial No. 408,495. 5 Claims. (Cl. 73—167.)



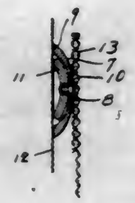
1. A vane or fluid pressure arm for flow meters comprising a blade having a plurality of curved surfaces all facing one general direction and openings extending through said vane and opening in said curved surfaces.

1,626,217. PUNCHING MACHINE. GUSTAV TAUSCHEK, Vienna, Austria. Filed July 28, 1925, Serial No. 46,683, and in Austria Apr. 8, 1924. 5 Claims. (Cl. 164—111.)



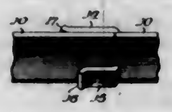
1. A punching machine comprising a punch carrier movable toward and from the article to be perforated, a plurality of punches mounted on said carrier movably, and a selector likewise mounted on said carrier movably and determining, according to its position, which of said punches shall be active during the movement of the punch carrier toward said article, one of said punches being constructed differently from the others at the portion controlled by the selector, and the latter having portions movable in different paths for the control of the respective kinds of punches.

1,626,218. GARMENT RETAINER. ABRAHAM WAISMAN, St. Louis, Mo. Filed Feb. 1, 1926. Serial No. 85,140. 3 Claims. (Cl. 241—7.)



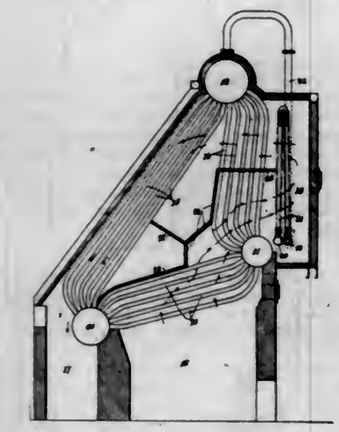
1. A garment retainer formed of a single circular piece of elastic material and being concavo convex in cross section and provided with an opening, the material surrounding said opening being thinner, more flexible and elastic than the remaining portion of the retainer whereby this portion of the retainer may flatten under pressure without distorting the remaining portion of the retainer.

1,626,219. STRIP FOR ROADWAYS. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Company, Chicago, Ill., a Corporation of Delaware. Filed Feb. 8, 1926. Serial No. 86,831. 3 Claims. (Cl. 94—18.)



1. A road strip of channel form and a plurality of tongues projecting from the end of the strip, said tongues being alternately deflected oppositely from the body of the strip, the upper of said tongues being below the top edge of the strip.

1,626,220. COMBINED SUPERHEATER AND BOILER. HAROLD O. WOOLLEY, Maplewood, N. J., assignor to Power Specialty Company, New York, N. Y., a Corporation of New York. Filed Oct. 25, 1922. Serial No. 596,700. 2 Claims. (Cl. 122—478.)

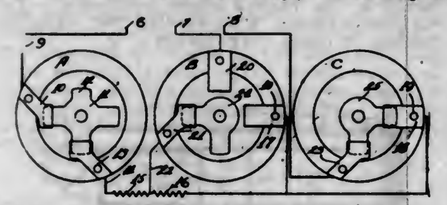


1. A combined boiler and superheater, comprising in combination, an upper steam drum, a pair of lower water drums, banks of boiler tubes connecting the said drums, and including a horizontal, a vertical and an inclined bank of tubes, a superheater having vertically arranged tubes disposed at one side of the vertical bank of tubes in a superheater chamber disposed above and to the side of the lower water drum connected to the vertical bank of tubes, and baffles arranged intermediate the boiler tubes and having connected therewith a horizontally extending baffle extending through the vertical bank of boiler tubes to a point adjacent the superheater, said baffles being adapted to direct all of the hot gases of combustion first over the horizontal and thence laterally over the vertical tubes and thence transversely across the tubes of the superheater whereby all of the gases are tempered in temperature before reaching the said superheater.

1,626,221. ELECTRIC HEATING SYSTEM. GEORGE R. BLAKESLEY, Janesville, Wis. Filed Dec. 7, 1922. Serial No. 605,355. 13 Claims. (Cl. 219—20.)

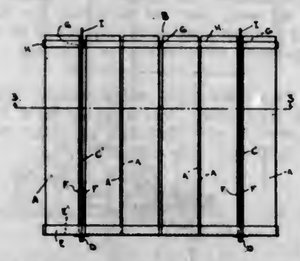
1. In combination, a two part heating unit, a three wire supply system comprising two main lines and a neutral line, and means comprising an electrical switch

for selectively connecting the two parts of said unit in series across the main line voltage, or connecting one



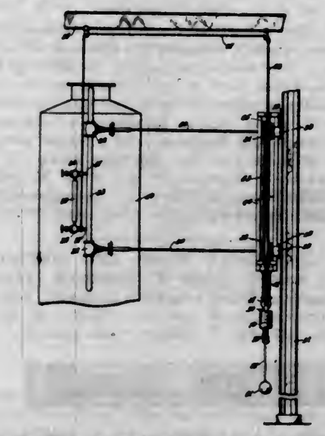
part of said unit across one main line and the neutral line or for connecting the two parts in series across one main line and the neutral line.

1,626,222. ICE-CAN CARRIER. GEORGE B. BRIGHT and RALPH N. COLE, Detroit, Mich., assignors to George B. Bright Co., Detroit, Mich., a Corporation of Illinois. Filed Aug. 21, 1922. Serial No. 583,332. 11 Claims. (Cl. 62—157.)



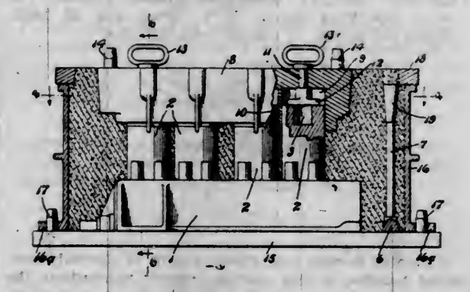
1. In an ice freezing apparatus, the combination with a plurality of individual ice cans, of a basket having means for carrying said cans comprising an upright adapted to pass between adjacent cans, a horizontally extending annular member secured to the upper end of said upright for embracing the cans, and a horisontally extending member also secured to said uprights affording support for the lower ends of the cans.

1,626,223. DISTILLING APPARATUS. JAMES H. BURLINGHAM, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a Corporation of Texas. Filed Oct. 18, 1921. Serial No. 508,437. 4 Claims. (Cl. 73—54.)



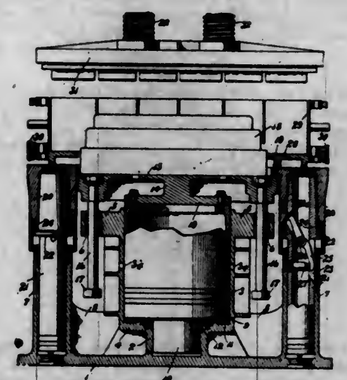
1. In distilling apparatus for inflammable liquids the combination of a still, an indicator spaced therefrom for indicating the level of liquid therein, conducting passages from the indicator to the still, each passage having a control valve for closing the passage, automatic means for closing the valves comprising cable drums operatively connected with the respective vives, means for rotating the drums, a trigger for normally restraining said rotating means, auxiliary means for withdrawing the trigger and releasing the rotating means including a weight suspended above said trigger, and means adapted to be severed by the heat of combustion disposed adjacent the indicator and normally supporting said weight.

1,626,224. MOLDER'S PATTERN. DONALD J. CAMPBELL, Muskegon Heights, Mich. Filed Dec. 3, 1924. Serial No. 753,571. 3 Claims. (Cl. 22—158.)



1. In a device of the class described, a lower pattern member formed with spaced apart recesses in its upper side near each end thereof, an upper pattern member located over the upper end of the lower pattern member and telescopically mounted thereon, and manually operable means mounted on said upper pattern member adapted when moved to one position to enter said recesses and when in another position bridging said recesses, whereby said upper pattern member is adapted to be located in two different positions, one lower than the other upon said lower pattern member.

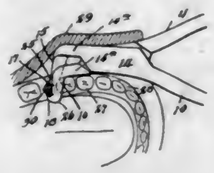
1,626,225. MOLDING APPARATUS. DONALD J. CAMPBELL, Muskegon, Mich. Filed July 20, 1925. Serial No. 44,733. 23 Claims. (Cl. 22—29.)



5. In a molding machine, a stationary supporting fixture including a base, a relatively small and short cylinder extending vertically from the base and a larger and longer cylinder extending from and above the first cylinder, a piston located within the larger cylinder and having a cylindrical projection at its lower end adapted to enter the smaller cylinder, a table carried at the upper end of the larger piston, a pattern located on and above

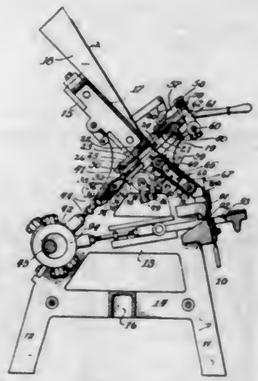
the table, a second table having an opening for the passage of the pattern bearing against the upper side of the first table, a flask carried by the second table around the pattern, means for alternately entering air into the smaller cylinder below said lower cylindrical extension to the piston and exhausting the air therefrom, whereby said cylinder is alternately elevated and dropped and sand within the flask around the pattern jolted and condensed, a squeezing head adapted to be located above the flask, and means for elevating the piston by directing compressed air into both cylinders thereby forcing the sand within the flask against the lower side of the squeezing head, substantially as described.

1,626,226. DENTAL FORCEPS. OSIAS CANTOR, Sea Gate, New York Harbor, N. Y. Filed Aug. 20, 1925. Serial No. 51,344. 8 Claims. (Cl. 32—34.)



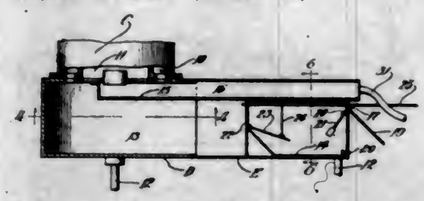
1. Dental forceps comprising a pair of pivotally connected handles, a body portion formed intermediate the ends of said handles, adjacent said pivotal connection, a pair of substantially parallel jaws extending laterally and downwardly in a forwardly inclined plane from the forward end of said handles and said body portion, each jaw being formed with a beak, integral therewith, extending angularly downward therefrom in said forwardly inclined plane of the jaws and adapted to be actuated by said handles.

1,626,227. MACHINE FOR MAKING METAL BINDING STRIPS. JOHN W. DIXON, Maywood, Ill. Filed Oct. 16, 1924. Serial No. 743,867. 17 Claims. (Cl. 164—59.)



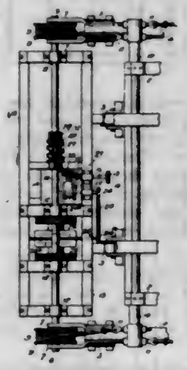
1. In a machine of the class described, the combination of a frame provided with a support for a blank to be severed, a plurality of stop fingers normally projecting beyond said support, a frame upon which said fingers are mounted, a cutting knife, means for retracting the finger frame and fingers concurrently with the advance of the cutting knife, means for adjusting the fingers individually with respect to the finger frame, and means for adjusting the finger frame to position the entire bank of fingers, with relation to the cutting line of the knife substantially as described.

1,626,228. AIR CONTROL FOR OIL BURNERS. FRANK S. EGLOFF, Riverside, Ill., assignor, by mesne assignments, to The Phoenix Burner Corporation, a Corporation of Illinois. Filed Apr. 29, 1926. Serial No. 105,392. 6 Claims. (Cl. 158—91.)



1. In combination with a burner having a stack connection, an air control in which is comprised a passage in communication with the burner, means extending transversely of the passage forming a narrow mounting, a damper for closing the passage having a portion of itself bent back to overlie the mounting whereby to pivotally support the damper thereupon, and a weight which counterbalances the damper in a manner to normally hold the same open but to permit the damper to move toward a closed position in response to an increased draft in the stack, substantially as described.

1,626,229. TRANSMISSION MECHANISM. ROBERT A. FONTAINE, Martinsville, Va., assignor to R. C. Anderson, Montreat, N. C. Filed July 13, 1921. Serial No. 484,330. 8 Claims. (Cl. 192—141.)



1. In a truck dump body moving mechanism, a drive shaft, a driven shaft, a worm on the driven shaft equipped with stops, a lever control mechanism for effecting the rotation of the driven shaft in one direction or the other, a frame rotatably mounted on the driven shaft in straddling relation to the worm thereon, an operative connection between the frame and the lever, and a finger pivoted on the frame with its free end traveling along the worm and adapted to be engaged by the stops for swinging the frame and moving the lever when the driven shaft has made a predetermined number of revolutions.

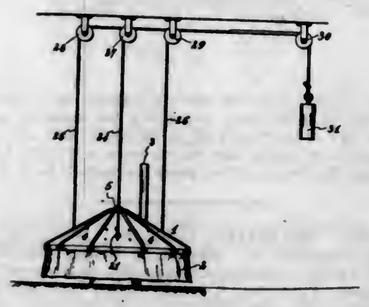
1,626,230. COMPOSITE GEAR AND METHOD OF MAKING SAME. LOUIS T. FREDERICK, Valparaiso, Ind., assignor to Fibroc Insulation Company, Valparaiso, Ind., a Corporation of Indiana. Filed Aug. 13, 1923. Serial No. 657,181. 5 Claims. (Cl. 154—2.)



1. The process of making gears having webs of reduced thickness, consisting in assembling flatwise a plurality of circular layers of woven fabric of the full diameter of

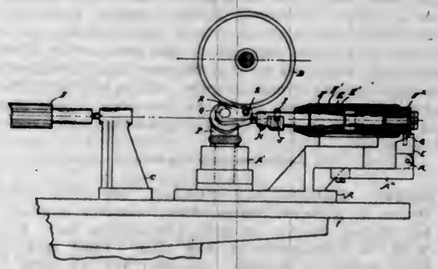
the gear in all directions, and a plurality of flat rings of woven fabric upon both sides of the first mentioned layers, said rings being superposed and forming the rim portion of the gear, said rings and layers being impregnated with a binder capable of hardening under heat, heating said rings and layers, and simultaneously compressing said rings and layers in a direction normal to their surfaces, and to such extent as to produce a greater aggregate reduction of thickness in the rim than in the web portion.

1,626,231. CHICKEN HOVER. FREDERICK FRENGLE, Cotati, and FRANCIS D. ROHAN, Petaluma, Calif., assignors to Pride of Petaluma Brooder Stove Company, Petaluma, Calif. Filed Dec. 27, 1923. Serial No. 682,993. 4 Claims. (Cl. 119—31.)



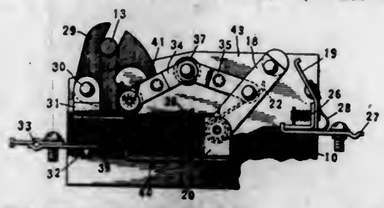
1. A hover comprising a conical canopy, an apron depending from the outer edge of said canopy, said canopy being formed of a plurality of triangular panels, a cone to which the apexes of said panels are secured, flanges formed on the edges of said panels, removable joining strips adapted to engage said flanges to hold the panels together, a plurality of bars secured to the inside of the canopy, reinforcing rods extending between said bars, and secured thereto, hanger straps secured to said bars, ropes secured to said hanger straps, and extending over sheaves, and a counter weight at the end of the ropes.

1,626,232. TRIMMING DEVICE. ANDREW A. GAGARIN, Detroit, Mich., assignor to Gear Grinding Machine Company, Detroit, Mich., a Corporation of Michigan. Filed Jan. 2, 1923. Serial No. 610,281. 6 Claims. (Cl. 125—11.)



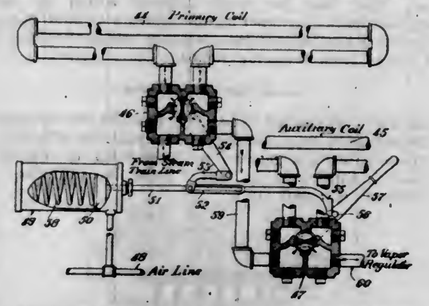
1. In a trimming mechanism for grinder wheels, a plurality of trimming points for independently trimming different portions of the grinder wheel to exactly conform to the contour of the work, said points being rotatable about a common axis through arcs having different radii.

1,626,233. MULTIPLE-CIRCUIT SWITCH. BENJAMIN E. GETCHELL, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed Apr. 25, 1925. Serial No. 25,773. 6 Claims. (Cl. 200—113.)



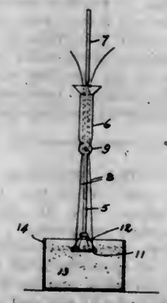
1. The combination of two switch units each having a thermostatic member and a spring for automatically opening its own circuit, a single crank for closing the circuit through both units and means whereby the automatic opening of one switch opens the other.

1,626,234. CAR-HEATING SYSTEM. EGBERT H. GOLD, Chicago, Ill. Filed Apr. 4, 1922, Serial No. 549,383. Renewed Oct. 22, 1925. 23 Claims. (Cl. 237—6.)



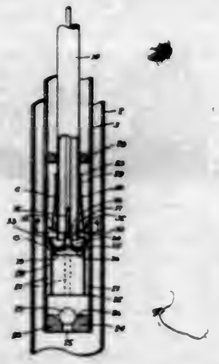
4. In combination with a railway car, a radiator comprising two sections, valves to control the circulation through said sections separately, a conduit to contain air under pressure, and means responsive to increase and decrease of pressure in said conduit provided with operating connections with said valves whereby at decreased air pressure one of the valves is held open and the other valve held closed, while at high air pressure both valves are free for manipulation in either direction.

1,626,235. METHOD OF APPLYING A GETTER TO VACUUM DEVICES. DANIEL SNYDER GUSTIN, Newark, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Sept. 12, 1922. Serial No. 587,654. 2 Claims. (Cl. 176—2.)



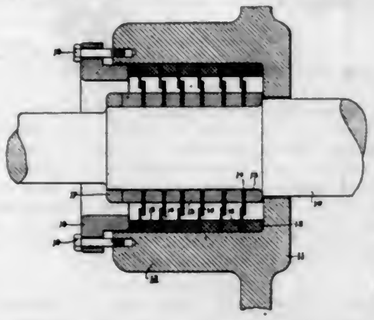
1. The method of applying powdered clean-up-agent material to a vacuum device which comprises dipping a portion of the internal structure of said device into such material.

1,626,236. MEANS AND METHOD OF ELEVATING FLUIDS. CHARLES O. HASKELL, Hollywood, Calif. Filed May 11, 1925. Serial No. 29,520. 15 Claims. (Cl. 103—232.)



1. An apparatus of the class described including a delivery tube, fluid jet means disposed within the said tube, and means actuated by the pressure of fluid issuing from the jet to prevent the discharge orifice of said fluid jet means from becoming fouled.

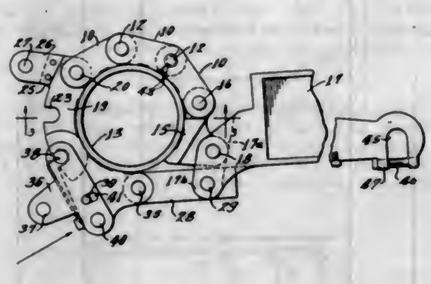
1,626,237. TURBINE GLAND. FRANCIS HODGKINSON, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 2, 1921. Serial No. 482,284. 2 Claims. (Cl. 286—10.)



1. A labyrinth packing comprising a rotatable shaft, a series of annular packing discs carried by the shaft, a casing member, a series of annular packing discs carried by the casing member and interleaving with the packing discs carried by the shaft, the distances intervening between the nearest adjacent interleaving packing discs increasing progressively in the direction of steam flow, and means for varying the distances intervening between the nearest adjacent interleaving packing discs.

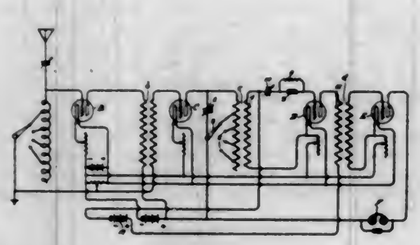
1,626,238. CHAIN PIPE WRENCH. WILLIAM G. HUGHES, Downey, Calif. Filed Dec. 17, 1925. Serial No. 75,971. 5 Claims. (Cl. 81—66.)

1. A chain pipe-wrench comprising a lever having a slotted head and nose, grip links rockably mounted in said head, said point of mounting being below the center of the pipe when the wrench is positioned for use, a chain composed of links connected at one end to the grip links, latch links connected to the other end of the chain, said latch links having outwardly opening recesses in their outer edges, connector bars mounted in the nose of the lever, said point of mounting being below the point of grip link mounting, latch links connected to the other ends of said connector bars, said last latch links having outwardly opening recesses in their outer edges and being adapted to be received between the latch links con-



nected to the chain and thereby register the recesses of both sets of latch links, and a lock bar rockably mounted on one of said sets of latch links, said bar being adapted to be swung into the recesses in the latch links and lock the links together when the wrench is on a pipe.

1,626,239. RECEIVING CIRCUIT. LEROY D. KELLOGG, Deerfield, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 6, 1922. Serial No. 592,681. 4 Claims. (Cl. 250—27.)

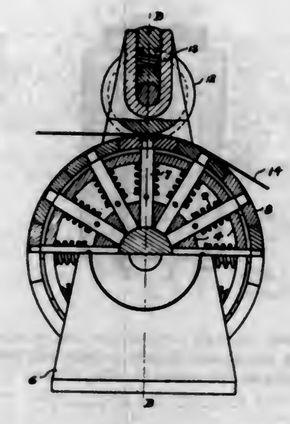


2. A receiving circuit for high frequency oscillations including a tuned circuit upon which the oscillations are impressed, a tube with filament, grid and plate, said filament connected to one terminal of said circuit and said grid connected to another terminal thereof, and a conductor leading from the plate and connected to the conductor leading from said grid to said other terminal and operatively connected to said filament only through the terminals of said circuit in series, said conductor including between the point that it is connected to said plate and to the grid circuit a translating winding and a source of potential.

1,626,240. EXPANSIBLE PULLEY OR THE LIKE. WILHO A. KOSKEN, Boston, Mass., assignor to Steadylite Motion Picture Machine Corporation, New York, N. Y., a Corporation of New York. Filed Mar. 30, 1917, Serial No. 382,822. Renewed Aug. 18, 1922. 3 Claims. (Cl. 64—8.)

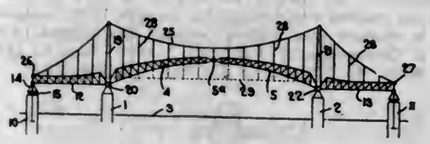
1. The combination with a suitable support of a wheel or pulley journalled for rotation in said support, said wheel or pulley comprising radially movable parts, and an adjusting spindle having threaded engagement with the support to permit longitudinal adjustment of the spindle, said spindle including a tapered rim adjusting

portion adapted to be normally stationary and having slidable engagement with said radially movable parts



which circumferentially traverse the periphery of the tapered portion during rotation of the wheel.

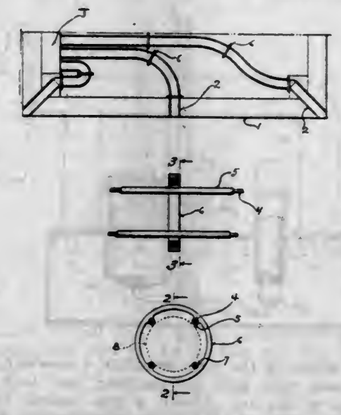
1,626,241. COMBINED SUSPENSION AND ARCH BRIDGE. GREGORY G. KRIVOSHEIN, Prague, Czechoslovakia, assignor of one-half to John R. Freeman, Providence, R. I. Filed July 26, 1926. Serial No. 124,795. 15 Claims. (Cl. 14—18.)



1. A combined suspension and arch bridge comprising two piers, an arch having a fixed bearing on one pier and a sliding bearing on the other pier, fixed tower bearings on the piers, towers pivotally mounted on the tower bearings, abutments at the ends of the bridge, vertically anchored sliding bearings on the abutments, side strut members pivotally connected to the ends of the arch and to the respective sliding bearings on the abutments, a chain extending over and depending between the towers, the ends of the chain being connected to the ends of the respective strut members, and a plurality of vertical stress members connecting the arch and strut members and the chain at regular intervals.

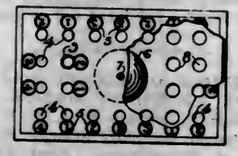
1,626,242. DUCTILE-WIRE TROUGH FOR BILLIARD TABLES. FRANK LANZA, Philadelphia, Pa. Filed Aug. 25, 1926. Serial No. 131,389. 1 Claim. (Cl. 273—11.)

A flexible trough for billiard tables adapted to be bent to the desired shape to correspond to the requirements of a billiard table, said trough comprising a plurality of spaced parallel ductile wires covered with a protecting sheath of soft material and a plurality of ring-like spacing members surrounding said wires and having inwardly projecting regularly spaced ears provided with recesses in which the wires are received, whereby said wires are



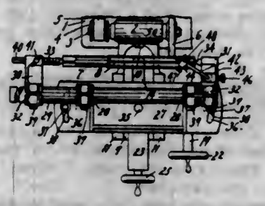
held against shifting in said ring-like spacing members and are also held projected radially inwardly of said ring-like spacing members.

1,626,243. GAME. JAMES I. LEE, Washington, D. C. Filed Sept. 20, 1926. Serial No. 136,644. 4 Claims. (Cl. 273—134.)



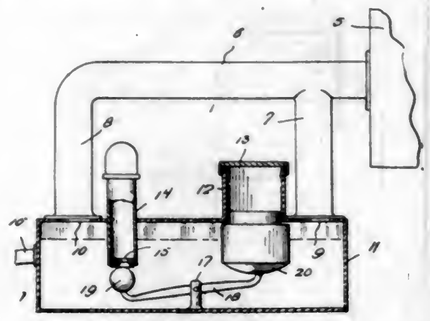
1. A game apparatus including an indicating device having a bell inclosed within a box, which when shaken produces a sound by the contact of a loose ball; which ball when at rest indicates the extent of the move of a pawn on a game board with surface devised to represent a variety of moves, each move being determined by indicia corresponding to the indicia of the indicating device.

1,626,244. GRINDING ATTACHMENT FOR REAMERS. ARTHUR C. LINDHOLM, Springfield, Mass. Filed Dec. 27, 1922. Serial No. 609,321. 3 Claims. (Cl. 51—225.)



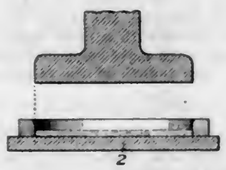
1. The combination, in an attachment of the class described, with a bed, a vertical grinding-wheel stand mounted on said bed, and a horizontal support attachable at one end to the front side of said stand above said bed, and extending outwardly from said stand clear of and otherwise unsupported by the grinder, of work-holding means movably mounted on said support, in operative position relative to the grinding-wheel.

1,626,245. SEPARATOR. WILLIAM M. LITTLE and JESSE L. SHERMAN, Norphlet, Ark. Filed Sept. 4, 1925. Serial No. 54,551. 1 Claim. (Cl. 210—54.)



In a device of the class described, a reservoir, a tank at a lower level than the reservoir, said tank having openings in the top thereof, a pipe leading from the reservoir and having branches communicating with the said openings, a cylindrical extension provided at the top of the tank between the branches, a cap for the extension, a pipe extending through the top of the tank between the branches, a valve seat in the inner end of the second pipe, a post rising from the bottom of the tank, a rocker arm pivoted intermediate its ends to said post, a valve on one end of the rocker arm for association with the valve seat, a float on the other end of the rocker arm having a reduced portion slidable in the cylindrical extension, and a drain pipe at one end of the tank above the level of the inner end of the second pipe.

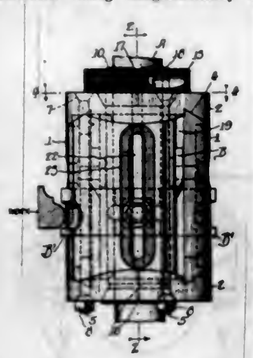
1,626,246. ARTICLE OF BONDED GRANULAR MATERIAL AND METHOD OF MAKING THE SAME. HARRY C. MARTIN, Niagara Falls, N. Y., assignor to The Carborundum Company, Niagara Falls, N. Y., a Corporation of Pennsylvania. Filed Nov. 13, 1924. Serial No. 749,773. 19 Claims. (Cl. 51—280.)



1. An article of bonded granular material, formed from a mixture comprising a synthetic resin and grains having their surfaces moistened with a resin solvent, substantially as described.

1,626,247. HIGH-SPEED SAFETY CUTTER HEAD. LOUIS T. MEDHOLDT, Rockford, Ill., assignor to Mattison Machine Works, Rockford, Ill., a Corporation of Illinois. Filed Feb. 24, 1925. Serial No. 11,059. 9 Claims. (Cl. 144—230.)

1. A sectional cutter head for wood-working machines having, in combination, two end sections and a plurality of side sections, said side sections having beveled ends and the end sections having upon their inner sides correspondingly beveled surfaces similar in number to the number of side sections; bolts extending through said end sections to clamp the end sections and side sections together, each side section having upon its inner side a groove through which one of the bolts extends, space being provided between adjacent side sections to form knife-receiving slots; knives lying in said slots, each of said side sections being longitudinally slotted, and a



bolt extending through each of the last mentioned slots and through one of said knives to hold said knife against the inner side of the adjacent side section.

1,626,248. ALLOY. PAUL D. MERICA, Westfield, and JAMES S. VANICK, Elizabeth, N. J., assignors to The International Nickel Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 26, 1925. Serial No. 58,739. 5 Claims. (Cl. 75—1.)

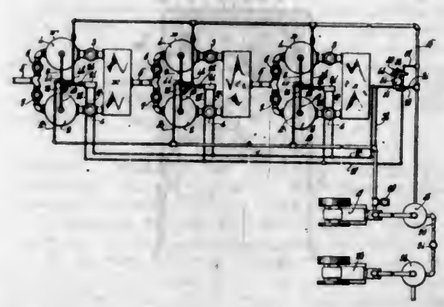
1. As a new article of manufacture, a corrosion resistant cast iron containing carbon within the usual ranges for cast iron and containing nickel from 5% to 35% and chromium from 2% to 15%, nickel being present in greater percentage than the chromium substantially as described.

1,626,249. ROTARY CORE DRILL. ROBERT B. MORAN and ARTHUR F. SPENGLER, Los Angeles, Calif., assignors to Spengler Core Drilling Company, Los Angeles, Calif., a Corporation of California. Filed July 1, 1924. Serial No. 723,454. 9 Claims. (Cl. 255—72.)



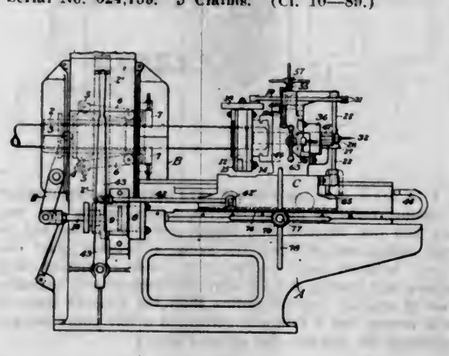
1. A rotary core drill having a core receiving bore provided with annular toothlike shoulders upon which cuttings may pack during the operation of the drill, said drill including a hollow tool carrying shoe, a hollow tool securing bushing mounted on the lower end of the shoe, and an end mill secured in the lower end of said bushing.

1,626,250. PUMPING SYSTEM. JOHN OLIPHANT, Chicago, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed May 8, 1922. Serial No. 559,395. 17 Claims. (Cl. 105—239.)



1. In a displacement pumping system, a plurality of displacement pumping units each comprising at least two displacement tanks, means for supplying and exhausting fluid to said tanks including separate control valves for each of said units, separate servo-motors each controlling one of said controlling valves, and a common pilot valve for controlling said several servo motors.

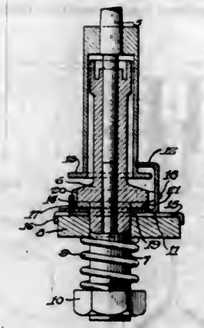
1,626,251. PIPE-THREADING MECHANISM. HARLEY D. PENNINGTON, Pittsburgh, Pa., assignor to United Engineering and Foundry Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Mar. 13, 1923. Serial No. 624,759. 5 Claims. (Cl. 10—89.)



4. In pipe-threading mechanism, a bed having a pair of parallel tracks, a threading die, a carriage for said die having a plurality of anti-friction rollers in engagement with each of said tracks, a bearing portion for each of said rollers carried by said carriage, and a member supported by said bed adjacent each of said tracks and substantially co-extensive in length therewith, said member having a downwardly facing shoulder above and parallel to the corresponding track, the bearing portions of the rollers engaging the corresponding track slidably engaging said shoulder, substantially as described.

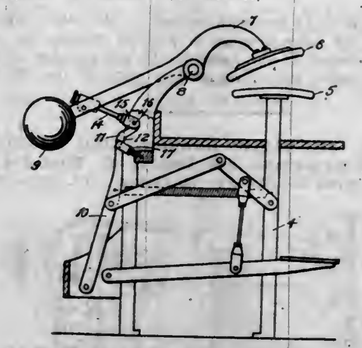
1,626,252. SPINDLE RETAINER. JAMES ROSE, Olean, N. Y. Filed Apr. 3, 1926. Serial No. 99,603. 4 Claims. (Cl. 118—65.)

1. The combination with a spindle of a bolster on which said spindle is journaled, a retainer movable into and out of operative position for holding said spindle on said bolster, an offset pin about which said retainer is eccentrically movable with relation to said bolster, a stop on said bolster for determining the operative posi-



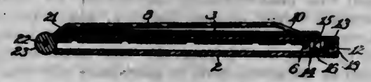
tion of said retainer and a slot in said bolster adapted to cooperate with said pin for holding said stop against movement.

1,626,253. PRESSING APPARATUS. MORRIS ROSENBLUM, Pittsfield, Mass. Filed Jan. 5, 1927. Serial No. 159,173. 2 Claims. (Cl. 68—9.)



1. In pressing apparatus, the combination with a bed and a head movable toward and from the same, a swinging arm supporting the head, operating means for the head, including a toggle lever and a link connecting the lever and arm, a stop for the toggle lever, said lever having a recessed portion that receives the stop, and an abutment member adjustably mounted on the lever and projecting into the recessed portion thereof, said abutment member being adapted to engage the stop.

1,626,254. HAIR CURLING AND WAVING DEVICE. AUGUSTUS H. SEXTON, Philadelphia, Pa., assignor to David L. Short, Philadelphia, Pa. Filed Feb. 18, 1926. Serial No. 89,099. 6 Claims. (Cl. 132—41.)

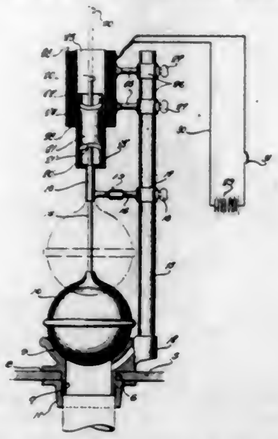


1. A hair curling and waving device including a curler rod, a head rotatively connected to one end of the rod, a clamp bar hinged to the rod adjacent to the head, and a pair of retaining rods hingedly connected to the head and provided with a latch device to rotatively engage the opposite end of the curler rod.

1,626,255. PLUMBING FIXTURE. HERMAN ROTH, Wauwatosa, Wis. Filed Apr. 16, 1925. Serial No. 23,560. 10 Claims. (Cl. 4—67.)

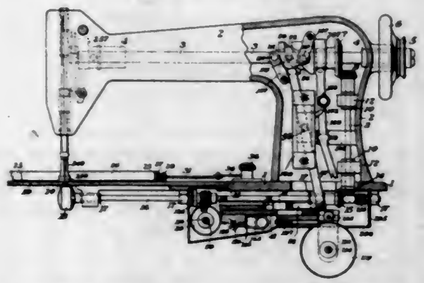
1. In a device of the character described, an outlet, a valve member normally closing the outlet, a solenoid

disposed above the outlet, an armature normally resting in an inactive position and adapted to be attracted to the solenoid upon energization thereof, and a connection between the valve member and armature permitting a lim-



ited movement of one with respect to the other, whereby, with the valve member in position closing the outlet, a movement of the armature by energization of the solenoid moves the valve member with it free of the outlet.

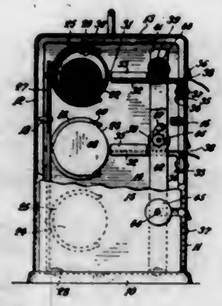
1,626,256. AUTOMATIC EMBROIDERING MACHINE. LEON SCHWARZMANN, New York, N. Y. Filed Nov. 2, 1921. Serial No. 512,184. 69 Claims. (Cl. 112—102.)



1. An embroidering machine, comprising a needle, a bed plate, a power shaft, means for holding the fabric to be embroidered in stretched condition, a fabric feeding mechanism for moving the stretched fabric variable amounts in any desired direction radially of the needle, a feed predetermining mechanism, a pattern cooperating with said feed predetermining mechanism for limiting the movement thereof in one direction, means for positively moving the feeding mechanism, and means separate from the pattern for setting the feed predetermining mechanism by the power shaft in accordance with the pattern, substantially as described.

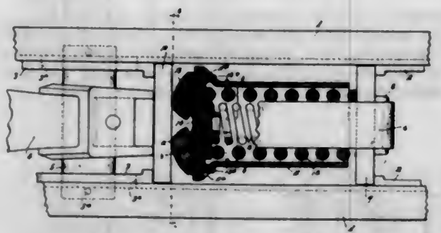
1,626,257. BANDAGE-DISPENSING DEVICE. JOHN A. SWANSON, Waltham, Mass., and ARNOLD A. POLLAK, Waterbury, Conn. Filed Oct. 27, 1924. Serial No. 745,995. 2 Claims. (Cl. 211—83.)

1. In a bandage-dispensing device, a casing having a slot in one side, a holder in said casing, a removable hollow supporting container carried by said holder for loosely carrying a bandage roll, said container having a slot in alinement with the slot in said casing, a horizontal guiding platen located between said supporting container and said casing, and a manually-operated roller



pressing against said platen for propelling a strip of bandage along said platen and out through the slot in said casing.

1,626,258. LEVER DRAFT GEAR. EDWIN C. WASHBURN, Englewood, N. J. Filed July 2, 1921. Serial No. 482,037. 9 Claims. (Cl. 213—27.)



1. A draft gear for railway cars having in combination a casing, resilient means therein, levers having one convex and one concave side loosely pivoted at one end to said casing and abutting the same, a follower plate disposed between said means and levers abutting said means and having convex surfaces respectively engaging and of slightly smaller radius than the concave sides of said levers, and a follower plate and a flat plane surface engaging the convex side of said levers.

1,626,259. SECTIONAL PARTITION OR PANEL STRUCTURE. FRANK B. WHEAT, Los Angeles, Calif. Filed Dec. 10, 1926. Serial No. 153,977. 9 Claims. (Cl. 20—4.)



1. A sectional partition or panel structure comprising two juxtaposed sections, a pilaster separable from the sections and overlying the joint between said sections, and means for securing said pilaster to said sections, said means also serving as a lock for securing said two sections together.

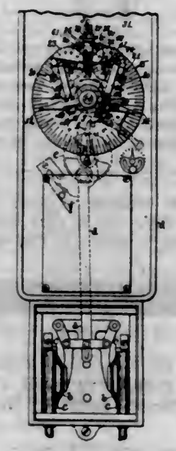
1,626,260. METHOD OF PRODUCING FIRED CERAMIC BLOCKS. PAUL G. WILLETTS, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Sept. 23, 1926. Serial No. 137,388. 5 Claims. (Cl. 25—157.)

1. The method of producing a fired ceramic block having substantially equal opposite faces, from material that tends to shrink unequally during firing, which method comprises placing the block upon a support of material which, during firing, will shrink at least as much as said block, and subjecting the said block and said support to a temperature at which said block tends to shrink unequally.

1,626,261. METHOD OF MAKING REFRACTORY BLOCKS. PAUL G. WILLETTS, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Oct. 13, 1926. Serial No. 141,428. 4 Claims. (Cl. 25—157.)

1. In the manufacture of refractory blocks which during firing, shrink unequally at top and bottom, the process of producing such a block having equal opposite faces that comprises making one of such faces smaller than the opposite face, and firing the block upon a substantially non-shrinking support with said smaller face down.

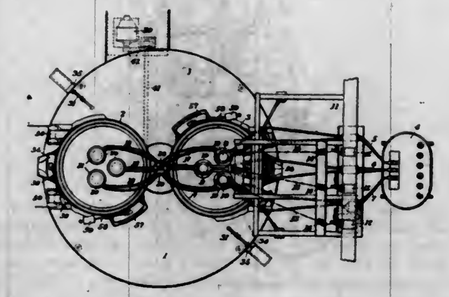
1,626,262. TIME SWITCH. JOHAN M. ANDERSEN, Boston, Mass., assignor to Albert & J. M. Anderson Manufacturing Company, Boston, Mass., a Corporation of Maine. Filed May 16, 1922. Serial No. 561,426. 7 Claims. (Cl. 161—1.)



7. A selective mechanism for time operated devices, comprising a rotatable time indicating dial, a screw shaft carried by said dial, a gear carried by said dial and cooperating with said screw shaft to be rotated thereby, a crank carried by said gear and adjustable thereon to lengthen and shorten the same, a rotatable device and a link connecting the latter with said crank to positively rotate said rotatable device by said gear.

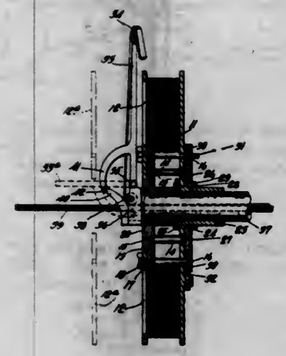
1,626,263. FURNACE AND METHOD OF OPERATING THE SAME. FRANK W. BROOKE, Pittsburgh, Pa., assignor to William Swindell and Brothers, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 11, 1922. Serial No. 593,793. 24 Claims. (Cl. 204—64.)

1. The method of operating electrical furnaces which consists in melting down the charge in one furnace and refining a similar charge in another furnace in substantially the same length of time, and maintaining at



all times a predetermined atmosphere in said furnaces, substantially as described.

1,626,264. SPOOL OR REEL. HENRY E. BRYANT, Providence, R. I., assignor to Tubular Woven Fabric Company, Pawtucket, R. I., a Corporation of Rhode Island. Original application filed Aug. 6, 1923, Serial No. 655,945. Divided and this application filed Oct. 16, 1925. Serial No. 62,760. 6 Claims. (Cl. 117—42.)

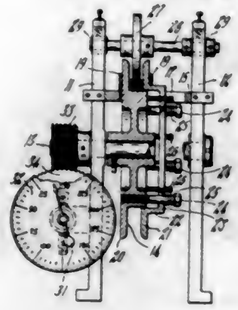


1. A spool for holding strip material, said spool having a detachable head, and centering means adapted to occupy the interior of such roll, said centering means comprising rotatable shafts having eccentric portions adjacent to the inner circumference of such roll and being so rotatable as to apply outward pressure to the roll.

1,626,265. LINEAR-MEASURING MACHINE. HENRY E. BRYANT, Providence, R. I., assignor to Tubular Woven Fabric Company, Pawtucket, R. I., a Corporation of Rhode Island. Filed Oct. 16, 1925. Serial No. 62,761. 10 Claims. (Cl. 33—134.)

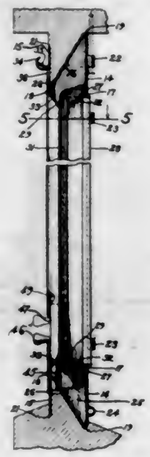
1. A linear measuring apparatus comprising a rotatable wheel or disc having means surrounding its axis at a uniform distance from such axis for engagement with the article to be measured, said wheel also having complemental means arranged to grip the sides of the article,

which complemental means are adjustable relatively toward and away from one another to accommodate arti-



cles of different widths, and means coupled with said wheel for indicating the travel thereof.

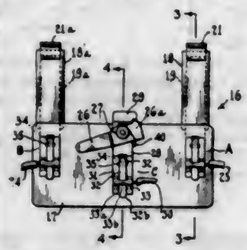
1,626,266. WINDOW STRUCTURE. OTTO W. L. BUSS, Minneapolis, Minn. Filed Oct. 27, 1924. Serial No. 746,226. 11 Claims. (Cl. 189—69.)



1. A window frame having an intermediate inclined portion terminated at opposite ends respectively by acute angularly related flanges inner and outer, the first extending downwardly and the other upwardly to form inner and outer frame faces, the size of the opening defined by the inner flange being of greater area than that defined by the outer flange, and a sash pivoted to the inner flange and having portions sealingly engageable with the flanges to close both openings, all sides of the frame being cross-sectionally identical.

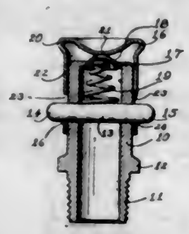
1,626,267. TOY ELECTRIC RAILWAY. LOUIS CARUSO, Irvington, N. J., assignor to The Lionel Corporation, a Corporation of New York. Filed Oct. 24, 1925. Serial No. 64,646. 4 Claims. (Cl. 191—29.)

1. A binding plate for a toy electric railway track comprising a base portion, a pair of spaced arms extending from said portion, and separate current carrying means on each arm, said portion adapted to releasably



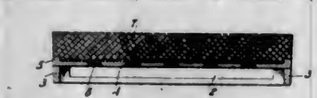
engage with the track rails for connecting the plate into the rail circuit.

1,626,268. DUST CAP FOR LUBRICATING APPARATUS. MORTON R. CHIPMAN, Waterbury, Conn. Filed Nov. 12, 1925. Serial No. 68,696. 5 Claims. (Cl. 184—88.)



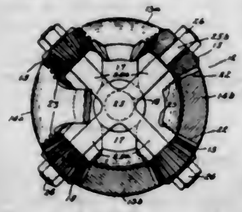
1. In a lubricating apparatus, an inlet nipple having a spring-pressed valve closure, and a detachable cup-shaped dust-excluding cap slidably fitted over the end of said nipple, said cap having a depression in its head to engage said valve closure and said cap being removable only by moving it downwardly to force said closure inwardly.

1,626,269. PAVING BLOCK. ERNEST CLARK, Rio de Janeiro, Brazil. Filed Oct. 6, 1922, Serial No. 592,838, and in Brazil June 8, 1922. 19 Claims. (Cl. 94—12.)



1. An article of the character described comprising, a hard base portion having downwardly projecting flanges of skeleton formation, and a resilient top portion secured to the base portion.

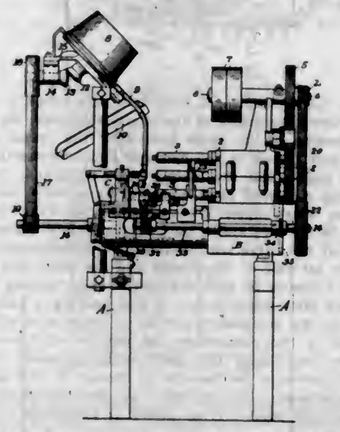
1,626,270. POWER-TRANSMISSION DEVICE. NOEL E. CRAUN, Bogota, N. J. Filed Aug. 16, 1924. Serial No. 732,383. 8 Claims. (Cl. 64—92.)



1. In a power transmitting device, a universal coupling joint comprising a drive shaft, a driven shaft, gear members, each having a non-continuous series of teeth secured

to said shafts, a plurality of gears meshing with said teeth and means to hold said gears and members in mesh for coupling said shafts and for interlocking said members against separation.

1,626,271. THREAD CUTTER FOR TUBE-WORKING MACHINES. WALTER T. DAVIS, Wheeling, W. Va., assignor to Wheeling Stamping Company, Wheeling, W. Va., a Corporation of West Virginia. Filed Apr. 20, 1923. Serial No. 633,443. 5 Claims. (Cl. 82—5.)



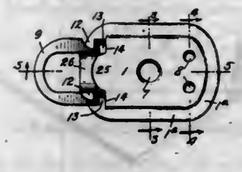
1. In a collapsible tube-working machine, tube-supporting and rotating means, a lever fulcrumed intermediate its ends and mounted for bodily movement in the direction of its pivotal axis, a cutter mounted upon an arm of said lever and adapted to be moved thereby into and out of operative position with respect to the neck of a tube on said supporting means, a lead-screw, follower means carried by the other arm of said lever and adapted to engage the threads of said lead-screw to cause a bodily movement of said lever in the direction of its pivotal axis, said lever normally maintaining said cutter in inoperative position, and said follower means out of engagement with said lead-screw, and means for rocking said lever into a position in which said cutter is in operative position and in which said follower means is in engagement with said lead-screw and for maintaining said lever in said position during a threading operation, substantially as described.

1,626,272. HAT. JAMES J. DEAMOND, South Norwalk, Conn. Filed June 17, 1926. Serial No. 116,564. 2 Claims. (Cl. 2—193.)



1. In a hat, of straw or the like, a crown, a brim, and a flexible section extending into the crown and brim and composed of a circumferentially-wound overlapped braid, a stitching for securing the circumferential windings of the braid to one another, said stitching comprising stitches overlying the top outer finished edge of the windings and extending into the adjacent underlying windings whereby to avoid gaping between the superposed windings at the right edges.

1,626,273. SELF-LOCKING SEAL. EMIL DIETZE, New York, N. Y., assignor to American Casting and Manufacturing Corporation, Brooklyn, N. Y., a Corporation of New York. Filed May 14, 1926. Serial No. 109,033. 4 Claims. (Cl. 292—321.)



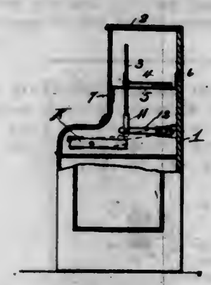
1. In a seal device of the class described, the combination with a casing composed of two parts seated one within the other and spaced apart to provide an inner cavity, one part being turned over at one end on itself and split to provide two diverging spring fingers, and the other parts of the casing having an inner projection struck up therefrom to lie between the spring fingers and also a pair of other struck up projections to keep the inner ends of the shackle in proper position, said casing having an opening therein, of a shackle having arms adapted to enter and completely fill said opening, said shackle arms being irremovably engaged and locked by the said diverging spring arms.

1,626,274. PLIERS. PATRICK JOSEPH DUFFY, Holyoke, Mass. Filed Mar. 30, 1926. Serial No. 968,582. 3 Claims. (Cl. 81—206.)



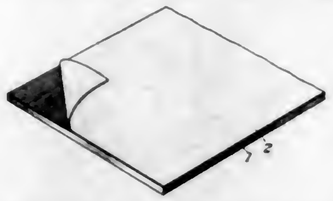
1. A plier for cutting armored cable and the like, comprising pivotally connected handles having cutting jaws, and a cable holding hook carried thereby and extending beyond the cutting jaws.

1,626,275. TOY PIANO. GEORGE H. ECKSTEIN, Los Angeles, Calif. Filed Aug. 18, 1924. Serial No. 732,736. 5 Claims. (Cl. 84—99.)



1. In a piano, a music disc provided with spaced projecting picks upon one face thereof, a keyboard, a swinging bar mounted to extend thereover, said bar being provided with a pawl, and the circumferential edge of said disc being provided with ratchet teeth for engagement by said pawl.

1,626,276. PROTECTING COVERING FOR RUBBER SHEETS. GUSTAVUS J. ESSELEN, Jr., Swampscott, Mass. Filed Mar. 29, 1924. Serial No. 702,771. 8 Claims. (Cl. 154—50.)



1. The combination with a sheet of rubber, of a readily separable protecting sheet of smooth surfaced glassine paper, substantially as described.

1,626,277. ROCK-DRILLING DEVICE. ELMER G. GARTIN, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Jan. 14, 1922. Serial No. 529,165. 1 Claim. (Cl. 121—10.)



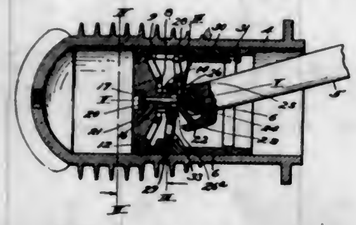
External fluid supply connections for a rock drilling mechanism having internal fluid conducting means, comprising coaxial gaseous and cleansing liquid pressers supply lines, manifold members arranged at each end of said coaxial supply lines, and branch connections communicating with each of said manifold members and with said internal fluid conducting means and the source of supply respectively.

1,626,278. METHOD OF MAKING DOOR HANDLES. JOSEPH GOODMAN, Whitneyville, Conn., assignor to The Mt. Carmel Mfg. Co., Mount Carmel, Conn., a Corporation of Connecticut. Filed Dec. 31, 1924. Serial No. 759,033. 1 Claim. (Cl. 18—59.)



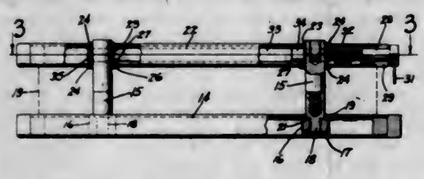
The method of making a door handle or the like which consists in forming the handle with a groove in its face with flanges on the opposite sides of said groove, providing in the groove a heated slab of a material which is hard at ordinary temperatures and plastic when heated, pressing the flanges against the opposite side edges of the plastic slab by pressure directed edgewise of the slab only, and allowing the slab to harden by cooling.

1,626,279. INTAKE VALVE. JASON E. HARRIS, Howard, Kans. Filed Jan. 4, 1926. Serial No. 79,149. 4 Claims. (Cl. 123—47.)



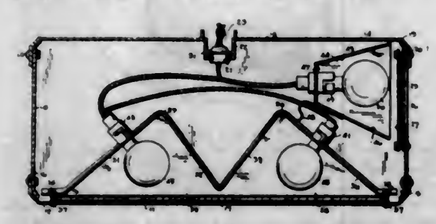
1. The combination of a shaft having a crank, a crank-case enclosing the crank of the shaft, a cylinder rigid and communicating at its inner end with the crank-case, a reciprocatory piston in the cylinder and a connecting rod pivotally connecting the piston and said crank, the piston having a ported head constituting a valve seat; an oscillatory valve upon said seat and provided with a chamber in its face and a port to register at times, with the port of the valve seat to establish communication between the interior of the piston and the head end of the cylinder, a piston in said chamber, means tending to advance said last-named piston, a link bearing a fulcrumed relation to the last-named piston, a rocker-arm pivotally connected to the connecting rod and to said link, and means for oscillating the valve under pressure applied by the rocker-arm incident to a change in the angular relation between the cylinder and the connecting rod when the said valve-carried piston is advanced.

1,626,280. LOOSE-LEAF BINDER. BERNARD W. JAPS, Minneapolis, Minn. Filed Apr. 17, 1926. Serial No. 102,705. 13 Claims. (Cl. 129—12.)



1. In a loose-leaf binder the combination with a bar having spaced posts mounted thereon, of a hollow clamping member having sleeves passing therethrough and adapted to receive said posts, and means within the clamping member for substantially simultaneously engaging each sleeve at one side, and contracting the same to grip said posts.

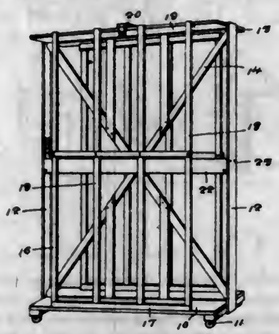
1,626,281. PASSING LIGHT. EMILE ALEXANDRE JEANNOTTE, Montreal, Quebec, Canada. Filed Jan. 28, 1926. Serial No. 84,408. 3 Claims. (Cl. 240—8.2.)



1. In a passing light for automobiles the combination with a board or plate, on the passing side, forming a step or support of a side lighting member having a rectagular

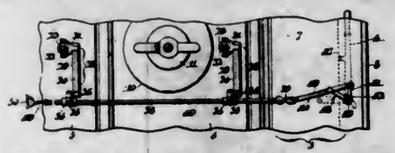
form of casing closed at one side by an elongated lens parallel with the longitudinal direction of said steps and having a double angular reflector forming a plurality of side light pockets and a cup-shaped reflector forming an end light pocket, a socket in said cup-shaped reflector, a lamp in said socket, sockets in said side pockets, lamps in the latter sockets, a lens closing in said cup-shaped reflector in the end wall and electrical connections to the rear of said pockets in said casing.

1,626,282. MATTRESS-DISPLAY RACK. J CLAUD JENNINGS, Winnsboro, Tex. Filed Apr. 10, 1926. Serial No. 101,169. 2 Claims. (Cl. 211—14.)



1. A mattress display rack comprising top and bottom members, a vertically arranged member connected therewith, a gate member hinged at its lower end upon the bottom member, means for securing the upper end of the gate member with respect to the top member, and a shelf hingedly mounted within the intermediate portion of the rack upon said vertical member and equipped with means for maintaining it in horizontal position whereby to subdivide the interior of the rack into relatively small compartments.

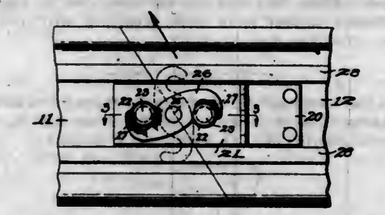
1,626,283. EMERGENCY-VALVE-CONTROL SYSTEM FOR TANK VEHICLES. JAMES A. JENSEN, Philadelphia, Pa., assignor to Quaker City Iron Works, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Aug. 29, 1924. Serial No. 734,860. 4 Claims. (Cl. 221—67.)



1. In a tank structure composed of a number of separate sub-divisions each provided with a spring influenced emergency valve, and a storage compartment having an access door; the combination of valve operating mechanism including a toggle means, which, when moved in one direction past dead center holds the emergency valves open, and when moved in the reverse direction by a projection on the compartment door permits the automatic closure of said valves under the action of their respective springs.

1,626,284. CONNECTER FOR TWO-PART DEMOUNTABLE RIMS. ALVIN L. JOHNSON, Worcester, Mass., assignor, by mesne assignments, to Robert W. Robinson, jr., Worcester, Mass., and Walter C. Watson, Leicester, Mass. Filed May 17, 1920. Serial No. 382,135. 4 Claims. (Cl. 301—31.)

3. The combination with a transplit rim, of a bridge plate attached to one end and projecting beyond said split and having an opening in said projecting portion, a stud carried by the other end of the rim and fitting into

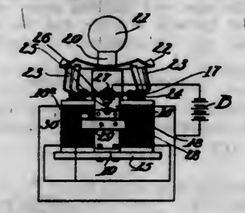


said opening in the bridge plate, and a latch pivoted to the bridge plate and engaging the stud to prevent radial separation of said plate and stud.

1,626,285. METHOD OF TREATING TRAFFIC RAILS. HEINRICH KARL, Jersey City, N. J. Original application filed July 19, 1923, Serial No. 652,531. Divided and this application filed Oct. 28, 1925. Serial No. 65,480. 1 Claim. (Cl. 291—1.)

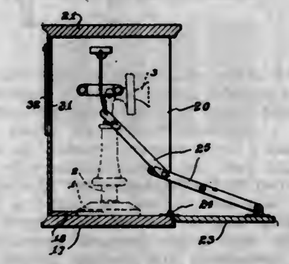
In a method for treating traffic rails that serve also as electric conductors, crushed coke deposited on top of the traffic rails for preventing the train wheels from sliding and permitting the transmission of the electric impulses from the train to the trackside or vice versa, as set forth.

1,626,286. ILLUMINATED SIGN. CHARLES G. KEENAN, Ojai, Calif. Filed June 21, 1923. Serial No. 646,821. 6 Claims. (Cl. 40—139.)



1. An advertising device comprising an artificial source of light, a concaved mirror reflector disposed about and behind said source of light, and electro-magnetic means for quickly vibrating or trembling said reflector.

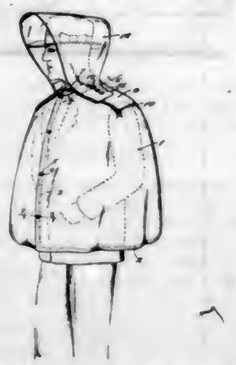
1,626,287. DEVICE FOR USE WITH TELEPHONES. CHARLES BLAINE KINKEAD, Huntington, W. Va. Filed June 7, 1926. Serial No. 114,261. 2 Claims. (Cl. 179—185.)



1. In combination a telephone cabinet, a movable door closing the front of said cabinet, a telephone within the cabinet, an antiseptic container suspended within the cabinet, means to raise and lower the container when the door is opened and closed respectively, said means comprising a mechanical connection with the said door,

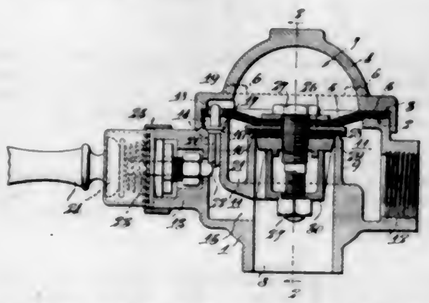
the point of rest of the container when the door is closed being fixed, and a locating member within the cabinet guiding and locating the telephone so that the mouthpiece thereof is in close proximity with the container when the door is closed.

1,626,288. COMBINED CAPE AND HAT PROTECTOR. ALEXIS T. LANE, New York, N. Y. Filed May 25, 1926. Serial No. 111,603. 1 Claim. (Cl. 2—84.)



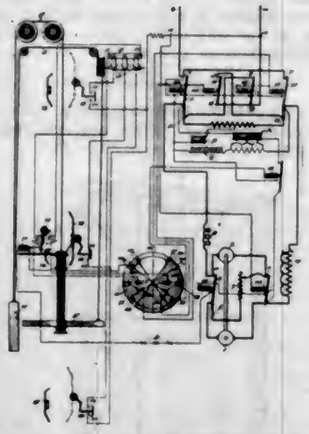
The combination with a cape having shoulder portions, of a hat protecting member comprising a flexible sheet body having a relatively wide intermediate portion and narrower end portions, one of the said end portions being permanently connected with one of the shoulder portions of the cape, and coacting means upon the other end portion of the said member and the other shoulder portion of the cape for adjustably connecting the parts together.

1,626,289. FLUSH VALVE. JOHN J. LANGDON, Hartford, Conn. Filed June 23, 1926. Serial No. 118,041. 2 Claims. (Cl. 137—93.)



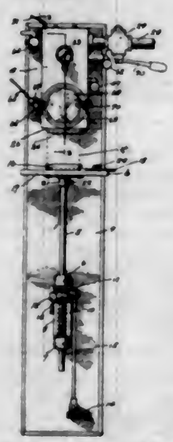
2. A valve of the class described comprising a hollow body having an inlet and an outlet, an upstanding neck in which said outlet is formed and terminating in a valve seat, a diaphragm dividing the hollow body into an upper and a lower pressure chamber, the latter surrounding said neck and communicating with the inlet, a valve carried by the diaphragm and adapted normally to seat on said neck to close the outlet, a bleed duct communicating between the upper and lower chambers for normally maintaining balanced pressures therein, means for overcoming said pressure balance to effect a lifting of the diaphragm and an opening of the valve, said valve having a depending skirt guided in the neck and having interrupted spiral vanes to impart a swirling motion to water passing through the valve, said valve having a gasket for seating on the neck, and a tapered washer snugly fitting the neck for the purposes specified.

1,626,290. ELEVATOR-LEVELING CONTROL. ARTHUR J. LIEBENBERG, Cincinnati, Ohio, assignor to The Warner Elevator Manufacturing Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Dec. 13, 1924. Serial No. 755,791. 12 Claims. (Cl. 172—152.)



1. In an electric elevator, the combination with a car, an electric hoisting motor therefor, said motor having a double wound armature and commutator for said armature winding, electro-magnetically operated switch devices for alternately connecting the winding in series or parallel to obtain a variation in motor speed, a manually operable car switch for normal elevator hoisting motor control controlling the electric circuit to said magnetically operated switch device, and rendering the same effective in the active controlling positions of said car switch for obtaining a normal running speed of the motor and alternately for obtaining an auxiliary running speed of the motor, and switch devices operable by the elevator car for controlling the motor with the elevator car in landing zone for bringing the car to a level with the landing.

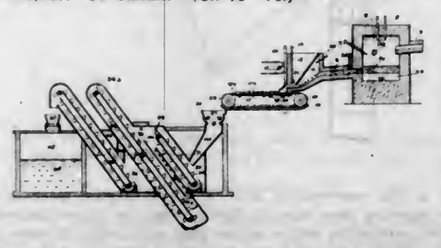
1,626,291. APPARATUS FOR VACUUMIZING AND SEALING CANS. ANDREW E. LINDSTROM, San Francisco, Calif. Filed Mar. 15, 1926. Serial No. 94,980. 6 Claims. (Cl. 113—82.)



1. A vacuumizing machine comprising a vacuum chamber open at one end, said chamber having a sealing gasket at its open end, means for advancing a can against the gasket to bring one of its heads across the open end

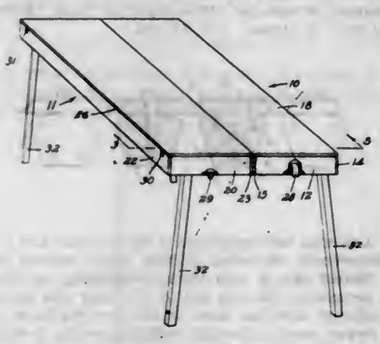
of the chamber in sealed contact with said gasket, means for inducing suction in the chamber, axially movable soldering mechanism within the chamber, and a movably mounted puncturing device within the chamber adapted to be moved to axially coincide with the soldering mechanism and to be advanced lengthwise of the can and relatively of the open end of the chamber, so as to form a hole in the adjacent head of the can prior to the operation of advancing the soldering mechanism into sealing relation to the can, and means for shifting the position of the puncturing device to a point laterally of the path of movement of the soldering mechanism.

1,626,292. PROCESS OF AND APPARATUS FOR MAKING OF FLUXING MATERIALS. JOEL LUND, San Francisco, Calif. Filed Oct. 23, 1920. Serial No. 418,947. 20 Claims. (Cl. 75—76.)



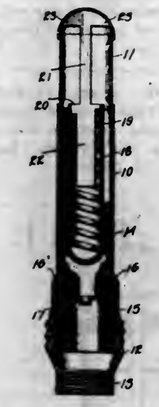
1. The process which consists in heating in a blast furnace materials which will, when molten, produce a slag containing a carbonate of the alkali metals and molten iron, conducting molten iron and slag from said furnace into a heated chamber, forcing superheated steam and air onto said molten slag as it floats on said molten iron to purify the same and withdrawing said purified molten slag.

1,626,293. CAMP TABLE. LEON O. MASON, Los Angeles, Calif., assignor of one-half to Alice Willock, Los Angeles, Calif. Filed Feb. 28, 1925. Serial No. 12,306. 2 Claims. (Cl. 190—12.)



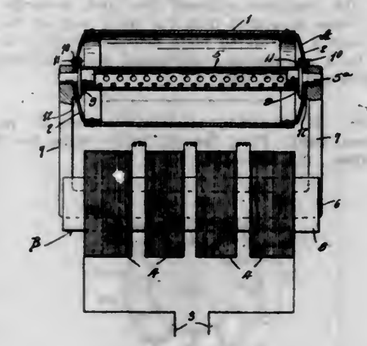
1. A collapsible camp table having a box part and a cover part, said parts being substantially identical, the box part having two end members and two side members, there being grooves across the lower surfaces of the end members near their ends and there being notches in the side members to register with the grooves, there being a bottom secured upon the lower surfaces of the end members and side members covering the grooves, thus providing a passage extending through the end members and side members, the cover part having ends, sides, grooves and notches, the cover part having a top corresponding to the bottom of the box part, the grooves and notches in the box part registering with the grooves and notches in the cover part, the cover part fitting upon the box part and the parts having suitable fastening means to form a closed box, and rails adapted to be inserted through the passages when the parts are side by side as in forming a table top, thereby securing the parts together.

1,626,294. COMBINATION DUST CAP AND TIRE GAUGE. HARRY L. MCPHERSON, Memphis, Tenn., assignor, by direct and mesne assignments, to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Filed Dec. 22, 1921, Serial No. 524,227. Renewed May 7, 1926. 7 Claims. (Cl. 73—111.)



1. A tire pressure gauge comprising a casing having a compressible packing therein adjacent the lower end thereof adapted to embrace the nipple of a valve casing and a tire valve depressor carried solely by the packing.

1,626,295. ELECTRIC HEATER FOR STEAM BOILERS AND SUPERHEATERS, ETC. WALTER A. PATSCHEIDER, Auburndale, Mass. Filed Mar. 27, 1924. Serial No. 702,381. 1 Claim. (Cl. 219—47.)



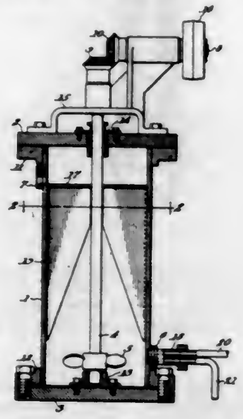
A heater comprising a drum, a hollow perforated resistance element located within the drum and provided with terminal plugs extending beyond the drum, and a step down transformer having the leads of its low tension circuit provided with openings to receive the outer ends of said plugs.

1,626,296. SEPARABLE BUTTON. JOHN V. PILCHER, Louisville, Ky. Filed July 8, 1925, Serial No. 42,246. Renewed Mar. 3, 1927. 2 Claims. (Cl. 24—110.)



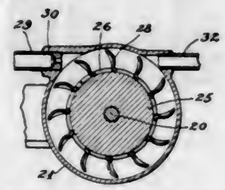
1. In a separable button, a female or head member having a sheet metal body provided with a tapered portion having an outwardly overturned lower edge forming an external annular bead, a male member having a stud to enter the opening defined by said annular bead, said stud having an annular rebate, and a key piece having legs lying between the lower end of said tapered portion and the reduced portion of the stud, with means for operating the key piece.

1,626,297. AGITATOR. ALEXANDER S. RAMAGE, Detroit, Mich., assignor to Frank F. Beall, Alexander S. Ramage, and Benjamin Briscoe, trustees, Detroit, Mich. Filed Nov. 3, 1924, Serial No. 747,640. Renewed Sept. 23, 1925. 2 Claims. (Cl. 259—8.)



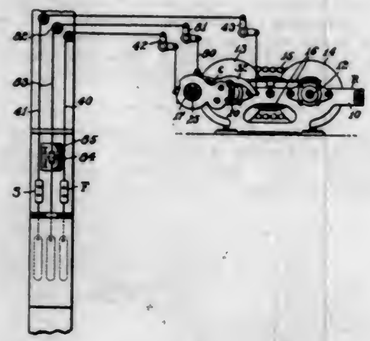
1. In a fluid mixer, the combination of a container having a fluid inlet and an outlet in the bottom and top portion thereof, respectively, a stirring device mounted within the container adjacent the inlet, inwardly projecting vanes supported from the inner wall of the container, and a perforated plate disposed within the container in a substantially horizontal plane intermediate the outlet and the vanes.

1,626,298. HYDRAULIC MOTOR. JOSEPH F. RAMBO, Pomona, Calif. Filed Jan. 15, 1925. Serial No. 2,537. 3 Claims. (Cl. 253—136.)



1. A water motor comprising a housing, means providing an inlet and outlet to and from the housing, a wheel rotatable in the housing, and a sheet metal band mounted upon the periphery of the wheel, said sheet metal band having portions struck out of its body providing buckets adapted to be struck by the stream entering the housing to rotate the wheel.

1,626,299. CONTROLLER FOR VARIABLE-SPEED TRANSMISSION. MILTON O. REEVES, Columbus, Ind., assignor to Reeves Pulley Company, Columbus, Ind., a Corporation of Indiana. Filed May 19, 1925. Serial No. 31,449. 6 Claims. (Cl. 64—8.)



1. The combination with a speed varying mechanism comprising two pairs of friction cones, a connecting belt, two controlling levers acting upon said pairs of cones to variably position the same relative to the belt, a threaded shaft, and a pair of nuts carried by said shaft and engaging said levers to variably position the same, of friction means for rotating said threaded shafts, and adjustable means cooperating with said nuts for limiting the movement thereof, said means comprising a floating rod associated with the nuts, and adjustable elements on said rod cooperating with the nuts in opposite directions relative to the rod.

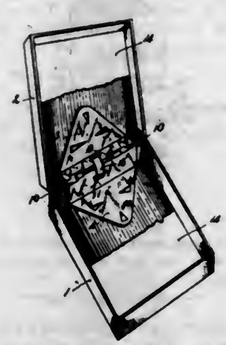
1,626,300. SPLICE BLOCK FOR V-SHAPED TRANSMISSION. PAUL B. REEVES, Columbus, Ind., assignor to Reeves Pulley Company, Columbus, Ind., a Corporation of Indiana. Filed Apr. 12, 1926. Serial No. 101,291. 2 Claims. (Cl. 74—64.)



1. A driving belt comprising a flexible band and a series of transversely extending friction blocks secured on one face thereof one of said blocks comprising two sections each secured to the free end of the band and having on the adjacent abutting faces thereof interdigitated fingers and means passing through said fingers for locking the sections together.

1,626,301. JEWELRY-BOX HINGE. RUSSELL I. RHODES, North Attleboro, Mass. Filed Nov. 25, 1924. Serial No. 752,174. 2 Claims. (Cl. 16—128.)

1. A hinge for jewelry boxes and the like comprising a pair of pivoted hinge members, each member having a metal base plate of a length to cover a substantial part of the bottom portion or cover portion of the box respectively, and designed to be secured thereto by means penetrating said portions respectively, and a leaf integral with the base plate and extending at substantially right angles therefrom, the edges of said leaves each having at least one outstanding portion bent to form a hinge knuckle and another outstanding ductile portion arranged to be bent over the edge of the box portion to which it



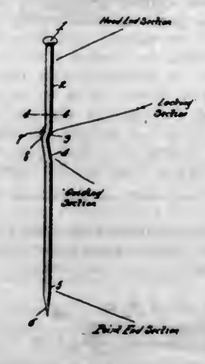
is affixed to provide a fastening means at that point which does not penetrate the material of said portion.

1,626,302. PLAYING BALL. ROBERT W. ROST, Newark, N. J., assignor of one-half to Andrew F. Bigger, New York, N. Y. Filed Feb. 12, 1925. Serial No. 8,857. 8 Claims. (Cl. 273—62.)



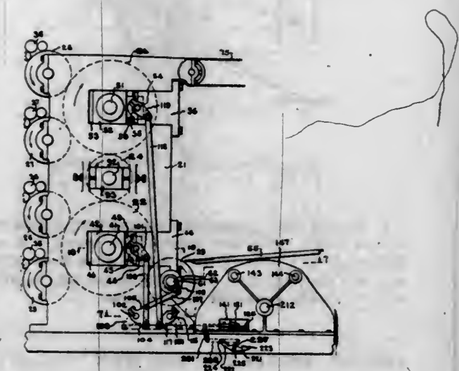
1. A playing ball having a core of tensioned windings of thin strips of unvulcanized coagulum rubber inherently cohered.

1,626,303. PIN. HUGO KARL SAKOWSKI, New York, N. Y. Filed July 14, 1926. Serial No. 122,397. 2 Claims. (Cl. 24—155.)



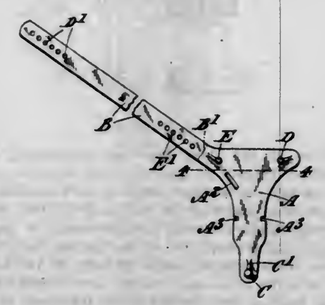
1. A pin, embodying a shank which is bent to form head end and point end sections having a common axis, a single locking section extending outwardly at an obtuse angle from the foot of the head end section, and a single guiding section extending inwardly at an angle from the foot of the locking section to the top of the point end section; the guiding section being relatively long as compared with the locking section.

1,626,304. TRIPPING MECHANISM FOR PRINTING MACHINERY. STEWART L. SHARPLESS, Milwaukee, Wis. Filed Oct. 28, 1925. Serial No. 65,353. 30 Claims. (Cl. 101—184.)



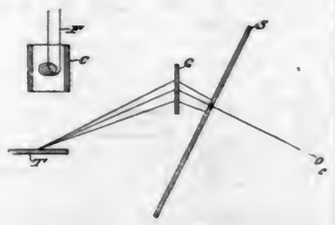
1. In tripping mechanism for a printing press, the combination with a cylinder forming a member of a printing couple, of operating means for moving said cylinder for distance relation with another member of said printing couple and operable throughout a short angle of movement of said cylinder for shifting said cylinder, control means for said operating means, and means distancing said control means from said operating means during shifting movements of said cylinder.

1,626,305. GARMENT SUSPENDER. ROBERT STEPHENSON, Blackburn, England. Filed May 1, 1926, Serial No. 106,041, and in Great Britain May 22, 1925. 2 Claims. (Cl. 24—245.)



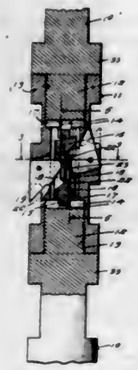
1. In a garment suspender the combination of a resilient tag having lateral slots therein, a stud on the face of the tag and a separable clip member comprising a loop portion adapted to cooperate with the stud and having arms to engage the slots in the tag in a removable manner so as to constitute pivots about which the clip can then pivot as set forth.

1,626,306. METHOD OF PRODUCING HOMOGENEOUS X RAYS AND APPARATUS THEREFOR. ANCEL ST. JOHN, Brooklyn, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc., a Corporation of New York. Filed July 18, 1923. Serial No. 652,394. 4 Claims. (Cl. 250—34.)



1. Method of producing substantially homogeneous X-rays which comprises dispersing a beam of X-rays by diffraction in a material rich in the atom from which the rays are emitted; and selectively screening the divergent rays to absorb undesired wave-lengths.

1,626,307. SUCKER ROD AND LOCK. HAROLD L. SULLINS and JOHN E. MUSTAIN, Taft, Calif.; said Mustain assignor of one-fourth to said Sullins and one-fourth to W. D. Gray. Filed Apr. 18, 1925. Serial No. 24,274. 6 Claims. (Cl. 287—117.)



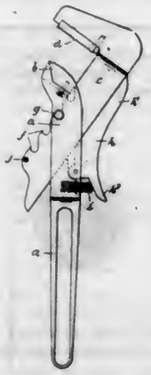
6. A device of the class described comprising a sub, latches slidable therein in opposite directions for engagement with sucker rod sections, each latch having an offset portion arranged centrally of the bore of the sub, expansive spring means abutting the inner ends of the offset portions and urging projection of the latches, said latches having slots therethrough, levers pivoted to the sub and extending into the slots and thereby preventing displacement of the latches, and the sub being interiorly enlarged into ribs for guiding the latches during sliding movement.

1,626,308. TOILET-PAPER RECEPTACLE. MILO E. THATCHER, Los Angeles, Calif. Filed Aug. 11, 1924, Serial No. 731,498. Renewed Feb. 14, 1927. 5 Claims. (Cl. 4—247.)

1. In combination a toilet bowl having a seat and a cover hingedly mounted on the bowl, the cover having a receptacle formed in the back face, the front face of the cover having a slot positioned adjacent the hinged mounting of the cover, and means to mount a roll of paper in the receptacle with the free end of the paper extending through the slot.

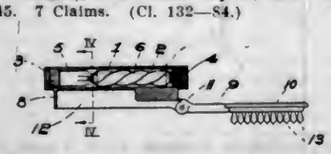


1,626,309. ADJUSTABLE SINGLE-LEVER PIPE AND NUT WRENCH WITH RATCHETLIKE CONTROL. ARTHUR JAMES THURLEY, London, England. Filed Mar. 13, 1924, Serial No. 698,992, and in Great Britain Apr. 26, 1923. 2 Claims. (Cl. 81—110.)



1. A wrench comprising a slotted handle, a pin projecting across the slot, an inner jaw carried by the slotted handle, an outer cooperating jaw, a shank-carrying said outer jaw and having notches therein adapted to selectively engage with the pin in said slotted handle, and a double armed lever carried pivotally by said handle, but extending for its major portion wholly aside from the slot and plane of the handle, said lever having an elongated arm extending in contact with one edge of said shank throughout an extensive area thereof, said lever having a short arm situated close to the handle and substantially parallel therewith to admit of being depressed by the hand in the act of holding the handle, and yieldable means for urging said short arm away from the handle and the long arm against said shank.

1,626,310. DENTAL COMPACT. EDNA SIBLEY TIPTON, Jackson Heights, N. Y. Filed July 27, 1926. Serial No. 125,245. 7 Claims. (Cl. 132—84.)



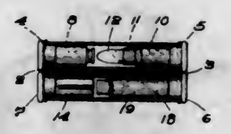
1. A dental compact comprising a tubular body, a closure element for each end of the bore of said body each of which is adapted to carry a dental accessory, said body having a lateral extension disposed longitudinally thereof comprising a receptacle and means for the hinged mounting of a tooth brush, and a tooth brush having a portion thereof hinged to said means arranged so as to have its bristles disposed within said receptacle when in one of its positions provided for by said hinged mounting.

1,626,311. BEAUTY COMPACT. EDNA SIBLEY TIPTON, New York, N. Y. Filed Dec. 24, 1926. Serial No. 156,811. 4 Claims. (Cl. 132—79.)



1. In a beauty compact, the combination of a casing formed at opposite ends with openings, a plurality of parallel tubular chambers in the casing and communicating with the openings therein, said chambers being spaced from two opposite sides of the casing to form receptacles closed at their ends by the end walls of the casing, and adapted to carry beauty accessories, a closure member for each open end of the tubular chambers, said members being provided with inwardly facing sockets to carry beauty accessories, complementary to those carried in the receptacles, and hinged lids on opposite sides of the casing to form closures for the receptacles.

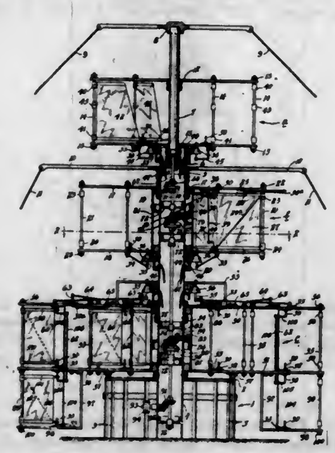
1,626,312. BEAUTY COMPACT. EDNA SIBLEY TIPTON, New York, N. Y. Filed Dec. 24, 1926. Serial No. 156,812. 3 Claims. (Cl. 132—79.)



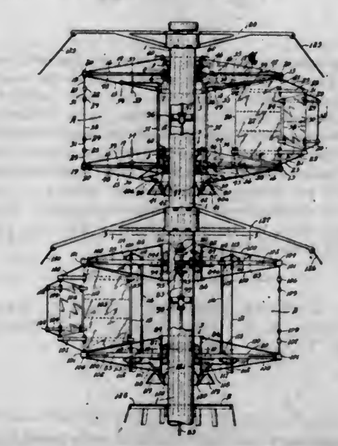
1. In a beauty compact, the combination of a casing having formed therein a plurality of tubular parallel barrels, each barrel being open at both ends, a closure for each open end of the barrels, each closure comprising a flanged head and an inwardly extended flange to fit in the bore of the barrel, a beauty aid receptacle fitted in and supported by each inwardly extended flange whereby to house beauty aids within the barrels.

1,626,313. AIR MOTOR. EDSON N. TUCKEY, Minneapolis, Minn. Filed June 28, 1923. Serial No. 648,176. 21 Claims. (Cl. 170—23.)

1. A wind-operated device having in combination, a plurality of spaced revoluble motors, each comprising a revoluble frame carrying a plurality of revoluble sail carrying members, and means for holding said members in position with the sails against the wind during a portion of the revolution of said frame so as to revolve said frame, a common driving means to which all of said frames are connected permitting independent movements of said frames, separably operable automatic means rendering said first mentioned means of each motor inoperative, and means for actuating said automatic means manually at will.



1,626,314. AIR MOTOR. EDSON NEWTON TUCKEY, Minneapolis, Minn. Filed Oct. 31, 1923. Serial No. 671,867. 25 Claims. (Cl. 170—20.)

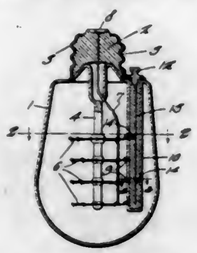


1. A wind motor having in combination, a revoluble frame, a propelling sail carried thereby, a second sail carried by said sail and revoluble about an axis parallel with the axis of said sail, and means for holding said sails against the wind during a portion of the revolution of said frame.

1,626,315. ELECTRIC LAMP. GUILLERMO VENTURINI, Santiago, Chile. Filed Jan. 14, 1925, Serial No. 2,372. Renewed Mar. 16, 1927. 1 Claim. (Cl. 176—27.)

A lamp of the class described comprising a bulb, a stem therein, a plurality of filaments supported by the stem independently of each other, a conductor connecting all the filaments to one contact of the lamp, a tubular member projecting into the bulb and formed therewith, said member being parallel with the stem, a plurality of terminals carried thereby, each terminal being connected

with a filament, a post formed of insulating material and rotatably mounted in the tubular member, a rod carried by the post, spring contacts carried by the post and arranged to engage the terminals as the post is rotated,



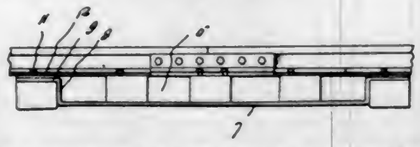
the springs of the contact engaging the rod, said rod being electrically connected with the second contact of the lamp, a handle connected with the post and indicating means for indicating the position of the spring contacts.

1,626,316. PROCESS FOR BAKING PIES. FRANK MERWIN WAKEMAN, Lisbon Falls, Me. Filed Nov. 12, 1924. Serial No. 749,575. 2 Claims. (Cl. 107—54.)



1. The process of forming a juice retaining dam around the edge of a pie or the like, which consists in passing a strip of paper, which has been previously wetted and thereby elongated, tightly around the pie in contact with the edge thereof, with a portion of the paper upstanding above the pie and with its ends overlapping, and attaching said ends together to hold said strip upstanding around said pie during the subsequent baking of the pie so that the shrinkage of the strip, consequent upon its drying, will effect its tight engagement with the edge of the pie and make it leak-proof.

1,626,317. RAIL-TIE SUPPORT. LYMAN L. WEBSTER, Franklinville, N. Y. Filed Aug. 5, 1926. Serial No. 127,365. 1 Claim. (Cl. 238—105.)



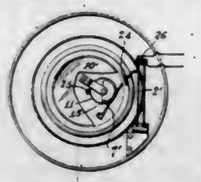
In a structure of the class described, in combination, a railway track including a plurality of rail supporting ties disposed in usual spaced relation, rail ends supported upon said ties and having their adjacent ends in approximate abutting relationship, a rail joint between said ends; and a support comprising an elongated plate under the intermediate ones of said plurality of ties and having its end portions directed upwardly at right angles to provide shoulders for abutting the end ones of said plurality of ties and having its extremities disposed at right angles to said shoulders to form attaching ears to be engaged with said end ones of said plurality of ties on the tops thereof, said ears being provided with apertures for passage of retaining spikes.

1,626,318. METHOD OF MAKING REENFORCED BUILDING ELEMENTS. KAREL WEITSTEIN, Brux, Czechoslovakia. Filed July 18, 1924. Serial No. 726,797. 14 Claims. (Cl. 25—154.)



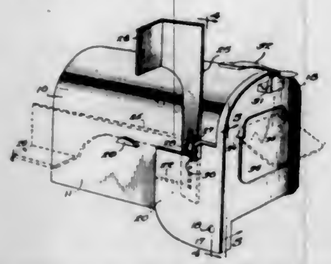
1. The method of making reenforced building elements, which comprises placing the reenforcements in the mould spaced from its sides, then forcing and holding the reenforcements against the mould sides and pouring the plastic material.

1,626,319. TIME SWITCH FOR PARKING LAMPS. WILLIAM F. WINTERLING, Cambridge, Md., assignor of one-fifth to William Grason Winterbottom, sr., one-fifth to Levi B. Phillips, sr., one-fifth to Albanus Phillips, sr., and one-fifth to Charles L. Janney. Filed Oct. 23, 1922. Serial No. 596,370. 1 Claim. (Cl. 200—35.)



A switch operating device comprising a time piece, a spring member therein having a part projecting therefrom for engaging a switch, a toothed wheel in the time piece, a cam thereon for engaging the spring member to cause the same to actuate the switch and means for giving the toothed wheel a step by step movement from the minute arbor of the time piece.

1,626,320. MAIL BOX. JOHN A. ALMS, Joplin, Mo. Filed May 4, 1926. Serial No. 106,744. 4 Claims. (Cl. 232—35.)

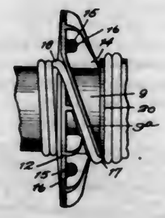


1. A device of the character described comprising a box having a side wall and an open forward end, a door hinged at its lower edge to said box and normally closing the open end thereof, a signal arm arranged against the side wall of said box and provided with an elongated slot, a pivot pin arranged in said slot and secured to said side wall, said signal arm being adapted to assume a vertical operative position with the lower end thereof projecting a substantial distance beneath said pivot pin, and an operating member carried by said door and provided with a vertically extending recess adapted to receive the lower end of said signal arm when the latter is in operative position, said recess having a rear wall adapted to engage the lower end of said signal arm to swing the upper end thereof rearwardly away from operative position when said door is opened.

1,626,321. PROCESS FOR THE PREPARATION OF CUCURBOCITRIN. IRVING SYDNOR BARKSDALE, Greenville, S. C. Filed July 8, 1926. Serial No. 121,277. 5 Claims. (Cl. 167—4.)

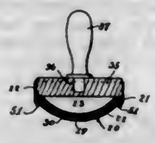
1. A process for producing a drug from water melon seeds which comprises reducing the seeds to a powder, mixing the powdered seeds with distilled water at a temperature of 60 degrees centigrade, the water being slightly alkaline to form an infusion, concentrating said infusion, adding lead subacetate, passing hydrogen sulphid through the liquid, filtering the solution and then adding ethyl ether and dehydrated ethyl alcohol in excess to form a precipitate, removing the liquid from the precipitate, and drying the same.

1,626,322. FLANGE FOR BULL WHEELS. GEORGE FRANCIS BELL, Tulsa, Okla. Filed Mar. 24, 1926. Serial No. 97,045. 12 Claims. (Cl. 242—117.)



1. In combination, a shaft, a cable to be coiled on said shaft, spaced flanges mounted on said shaft, one of said flanges being formed with a guideway for said cable, said guideway extending from one side of said flange to the other and its bottom surface being spaced from said shaft an equal distance substantially throughout its entire length.

1,626,323. PRINTING STENCIL AND METHOD OF MAKING SAME. SIDNEY S. BENDICK, New York, N. Y. Filed Sept. 21, 1925. Serial No. 57,748. 21 Claims. (Cl. 101—125.)

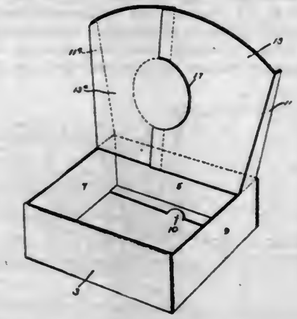


1. In combination, a pad inker; and a stencil sheet cooperating with the pad inker and having cup-like perforations.

7. In combination, a stencil bed; a stencil sheet cooperating with said bed; and means appurtenant to the ends of the stencil bed engaging the surface to be stenciled for preventing during stenciling operation movement of said bed and stencil sheet on said surface in the longitudinal line of said bed.

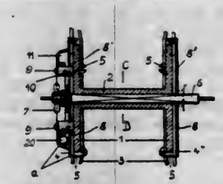
1,626,324. BOX OR CARTON. WILLIAM G. BOOTH, West Somerville, Mass., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 8, 1924. Serial No. 748,604. 7 Claims. (Cl. 206—44.)

1. A box having a flap hingedly associated with an edge thereof and adapted to overlie the top of the box in collapsed position and being itself foldable along a line between its ends and at an intermediate point along



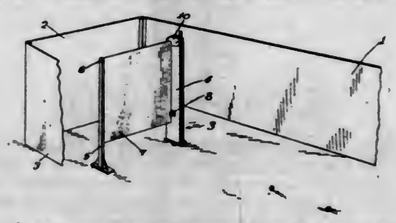
said edge to provide a display portion to extend in standing position across the top transverse to said edge.

1,626,325. YARN REEL. XAVER BRÖGGER, Horgen, Switzerland. Filed July 22, 1925, Serial No. 45,344, and in Switzerland Aug. 9, 1924. 4 Claims. (Cl. 242—110.)



4. A yarn reel comprising a shaft, a flanged nave fixed thereon having spokes pivoted alternately in opposite sides of said flanges, an arcuately slotted guide plate on the exterior face of each flange having slotted lugs, in the slots of which said spokes are guided, a corrugated ball carrier secured to said nave through the arcuate slots of said plate to permit relative movement of plate to said carrier and nave, said balls lying against said plate.

1,626,326. GOLF PRACTICE DEVICE AND GAME. WALTER M. CHASE, Los Angeles, Calif. Filed May 19, 1926. Serial No. 110,124. 15 Claims. (Cl. 273—35.)

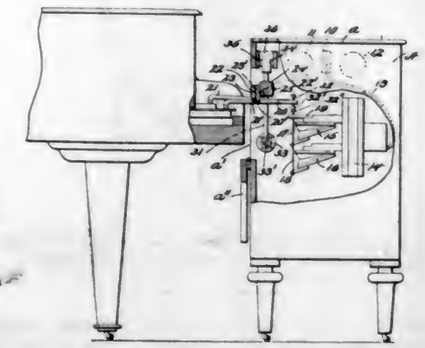


1. A golf practice device comprising in combination a movable curtain mounted to be shifted when struck by a golf ball, and means actuated by the curtain to give an indication of some effect of the ball, said means being vertically movable to additively indicate such effects.

1,626,327. CABINET PLAYER. TOLBERT F. CHEEK, New York, N. Y., assignor to Welte-Mignon Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 20, 1923. Serial No. 663,829. 21 Claims. (Cl. 84—110.)

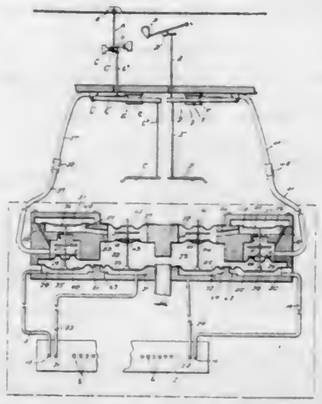
1. A cabinet piano player comprising a casing having an opening, striker pneumatics and their striker rods,

a rail mounted within the casing and extending across the same and formed of complementary members one of which is mounted to swing relatively to the remainder of the rail in an inward and downward direction and in an outward and upward direction, and a series of key operating levers pivotally connected between their ends to the swinging member of the rail and movable bodily
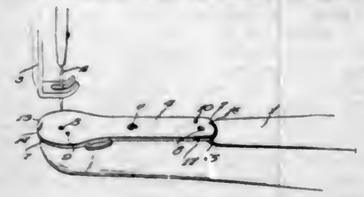


therewith and inwardly in a downward direction to position them within the confines of the casing and outwardly in an upward direction to position them with their ends protruding from the casing, the inner ends of the levers when in the latter position being in operative relation with the striker rods, and fastening means to hold the swinging member of the rail releasable in its raised position.

1,626,328. MEANS TO OPERATE PIANO PEDAL MECHANISMS UNDER CONTROL OF A RECORD. TOLBERT F. CHEEK, New York, N. Y., assignor to Welte-Mignon Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 25, 1923. Serial No. 664,707. 12 Claims. (Cl. 84—108.)



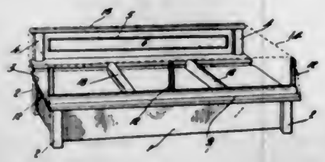
1. A piano player of the outside or cabinet type, movable into and out of operative relation with a piano and including a casing, a series of strike levers movable with the casing and into position to operate directly upon the keys of a piano, a tracker and pedal control means operative under control of a record; in combination with power members arranged outside the player, connections between said power members and pedal control means and means under control of the power members to operate the pedal mechanisms of the piano.

1,626,329. THREAD CUTTER FOR SEWING MACHINES. SAM CORTESE, Dunsmuir, Calif. Filed June 3, 1926. Serial No. 113,507. 2 Claims. (Cl. 112—252.)



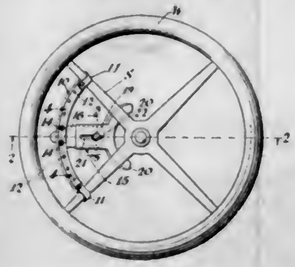
1. A thread-cutting attachment for sewing machines comprising a plate provided adjacent its ends with needle openings, means for pivoting the said plate upon the shuttle arm of a sewing machine, means to be engaged with one end of the plate and the shuttle arm of the sewing machine to prevent movement of the plate, and knives at the ends of the plate disposed transversely thereof.

1,626,330. DISPLAY STAND. ARTHUR COSSINS, Nettlestead, near Maidstone, England. Filed Apr. 3, 1926, Serial No. 99,621, and in Great Britain June 4, 1925. 2 Claims. (Cl. 211—24.)



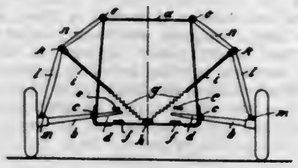
1. In a display stand, a rectangular box form base, a marble slab supported on its upper surface, an upright back along one edge, a door in the upright back, a strip along the front edge of the slab, projecting pins thereon which engages in holes in the slab to detachably secure the strip in position, uprights pivotally connected to the strip, a gauze cover, snap button fastenings to secure the cover to the upright back and an elastic strip to hold its lower edge close around the front and sides of the slab.

1,626,331. AUTOMOBILE STEERING KNEE CONTROL. JOHN H. CRESMER, Riverside, Calif. Filed Feb. 11, 1926. Serial No. 87,592. 5 Claims. (Cl. 74—39.)



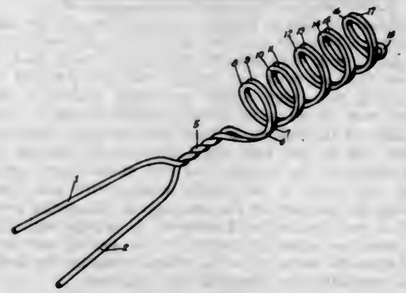
1. A device of the class described comprising a member having attaching parts at its ends permitting it to be attached to the spokes of a steering wheel, an arm hingedly and adjustably connected to said member so as to be capable of being swung downwardly into a position capable of being engaged by the lower limbs of the driver or to be swung upwardly into a position adjacent the spokes, and means for positively locking said arm in either of said positions.

1,626,332. LANDING CHASSIS FOR FLYING MACHINES. CLAUDIUS DORNIER, Friedrichshafen, Germany, assignor of one-half to Dornier-Metallbauten Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Filed Aug. 17, 1925, Serial No. 50,875, and in Germany Aug. 30, 1924. 3 Claims. (Cl. 244—2.)



1. Landing gear for aircraft comprising a fuselage, a wheel arranged on each side of said fuselage for vertical motion relative thereto, a pair of toggle levers inserted between each wheel and said fuselage for movement away from and in a plane substantially at right angles to the longitudinal axis of said fuselage, and resilient means extending between said fuselage and said levers and arranged to counteract such outward movement.

1,626,333. FISHING-ROD APPLIANCE. FRANK E. FAIN and ROBERT W. SPRIGG, Oklahoma City, Okla. Filed June 10, 1926. Serial No. 115,051. 1 Claim. (Cl. 248—37.)



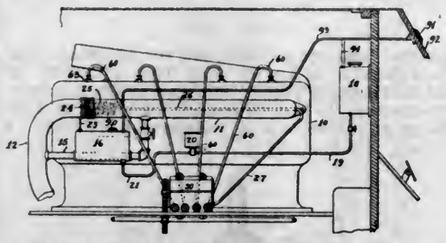
A device of the character described, comprising a doubled metallic resilient wire coiled at the outer end so as to form a plurality of loops with a space between each set; a medial stem formed integrally of said wires twisted tightly together and in the opposite direction to the twisting of said coils; two prongs formed of the ends of said wires and flared outwardly from the end of said stem farthest from said coils.

1,626,334. KEY CHAIN. MORRIS FALK, Fitchburg, Mass., assignor to Independent Lock Company, Fitchburg, Mass., a Corporation of Massachusetts. Filed May 29, 1926. Serial No. 112,669. 1 Claim. (Cl. 59—97.)



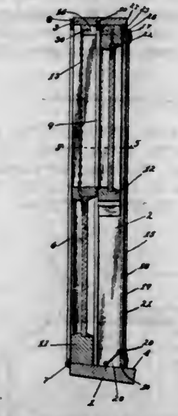
As an article of manufacture, a key chain having a separate device for dividing the chain into two parts, consisting of a piece of sheet metal bent into two hollow cylindrical portions, each having a passage therethrough for receiving the chain and allowing it to move freely therein and the two sides of the slide being bent inwardly toward each other substantially in contact between the two strands of the chain.

1,626,335. SCAVENGING, FUEL HUMIDFYING, AND VOLATILIZING PROCESS AND APPARATUS FOR INTERNAL-COMBUSTION ENGINES. JAMES P. FARNHAM, New York, N. Y. Filed Apr. 26, 1923. Serial No. 634,915. 18 Claims. (Cl. 123—25.)



1. In combination, a multicylinder internal combustion engine having an exhaust manifold extending longitudinally rearwardly of the cylinders and then downwardly; a boiler beneath the manifold; a valved shunt heating pipe passing from the mid part of the manifold, thence through the lower part of the boiler and then to the downwardly bent part of the manifold, whereby water in the boiler is heated and boiled by the heat from the exhaust gases passing through the shunt pipe; a raised reservoir tank for supplying water to the boiler; a distributing valve receiving the steam from the boiler; and distributing pipes conducting steam from the distributing valve to the cylinders.

1,626,336. WINDOW SASH AND SCREEN. ABRAHAM W. GOLDMAN, Los Angeles, Calif. Filed Jan. 19, 1926. Serial No. 82,201. 4 Claims. (Cl. 20—52.)



1. A window comprising in combination a window framing, an inner and outer sliding sash mounted therein, a bead separating said sashes and a screen fitting directly against one of the sashes and holding same in position.

1,626,337. MEANS FOR ATTACHING BUTTONS TO CARDS. ARTHUR HAENICKE, Berlin-Tempelhof, Germany. Filed May 25, 1925, Serial No. 32,829, and in Germany May 30, 1924. 2 Claims. (Cl. 112—265.)



2. As an article of manufacture, a plurality of buttons attached to a card by means of a single thread, each button being singly detachable and attached to the card

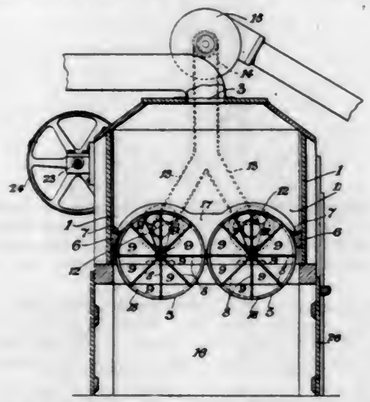
by a stitch consisting of a pair of single loops passing through two holes in each button, the first loop passing over the button from the one hole to the other and being drawn through the second loop and pulled into the second hole and pressed upon the card thus having in the second hole six thicknesses of thread.

1,626,338. AMPULLA COMPOSED OF SEVERAL COMPARTMENTS ADAPTED FOR THE PURPOSE OF RADIOTHERAPEUTICS. WILHELM OSKAR HEUBLEIN, Frankfort-on-the-Main, Germany. Filed Jan. 28, 1926, Serial No. 84,306, and in Germany Jan. 12, 1925. 6 Claims. (Cl. 174—177.)



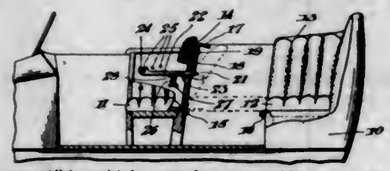
1. An ampulla composed of several compartments adapted for the purposes of radiothereapeutics, comprising in combination a lower compartment containing an absorbent for radio emanation consisting of bodies retaining radioactive substances, an upper compartment containing a liquid which contains for instance free, dissolved carbonic acid, a partition separating the said two compartments, and means for destroying said partition to make said compartments communicate with one another so that the liquid flowing from the upper compartment into the lower compartment forms directly radium emanations.

1,626,339. MEANS FOR EXTRACTING DUST FROM AND SETTLING FUR, HAIR, AND THE LIKE MATERIAL. STANLEY WILLIAM HOWARTH, Stockport, England. Filed Apr. 5, 1926, Serial No. 99,960, and in Great Britain Feb. 17, 1926. 4 Claims. (Cl.19—156.)



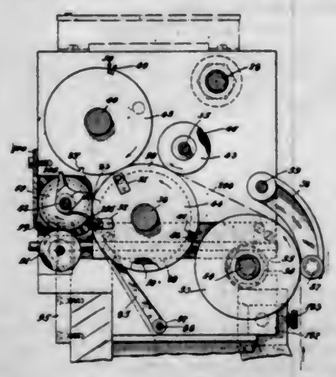
1. Means for extracting dust from and settling fur, hair and the like material comprising a receiving chamber for the material, a pair of drum-like members projecting partly into the said chamber, means for rotating the said drum-like members in directions which cause those parts situated in the chamber to travel towards each other, sieve-like peripheries on the said drum-like members, partitions within the said drum-like members dividing the interior into a plurality of independent and separate compartments each bounded on one side by a part of the sieve-like periphery, openings in the said chamber adapted to communicate with the said compartments which are in the said chamber, and means for preventing the passage of air from the said chamber between it and the drum-like members, whereby the material entering the chamber is caught by those parts of the sieve-like drum peripheries which are passing through the chamber and the dust passes through the said parts and the said openings, and the drum-like members carry the said material outside the chamber as the compartments pass from the chamber into communication with the atmosphere and cause the material to unite to form a single web which falls by gravity from the drums.

1,626,340. CONVERTIBLE VEHICLE SEAT. GEORGE DRYSDALE HOWITH, Ottawa, Ontario, Canada. Filed June 15, 1925. Serial No. 37,265. 1 Claim. (Cl. 155—7.)



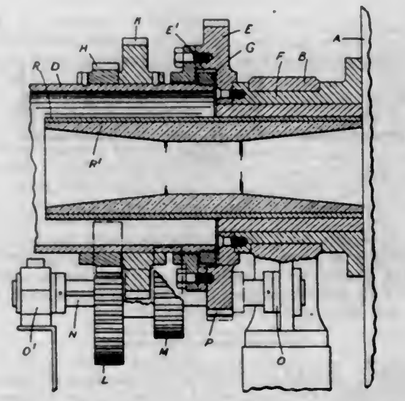
A convertible vehicle seat for automobiles and the like comprising a hingedly mounted back, vertically extending rods spaced from and slidably mounted on said back, a cross-rod integral with the vertical rods and adapted to form a rug rail, right angled extensions formed on the vertical rods, a series of spaced pins arranged in the side walls of the vehicle, a latch arm pivotally mounted on each side of the seat and connected at one end to said extensions, the unconnected end of said arm being formed with teeth to individually engage with said pins, a bracket on the side of the seat and a coil spring positioned on said bracket and adapted to engage with the latch arm to normally retain it in locked position, whereby, on the cross-rod being pulled upwardly the latch arm is automatically disengaged or unlocked.

1,626,341. PAPER FOLDING, CUTTING, AND DELIVERING MACHINE. JOHN O. HUNT, Brooklyn, N. Y., assignor to Independent Paper Mills Inc., Brooklyn, N. Y., a Corporation of New York. Filed June 21, 1924. Serial No. 721,388. 14 Claims. (Cl. 270—71.)



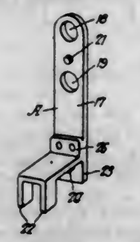
3. In a paper feeding, cutting and delivering machine, cylinders for moving and cutting a paper web into sections of predetermined length, delivery cylinders, a clamp device associated with one of the delivery cylinders, means for operating the clamp device from one of said cylinders for moving and cutting the web, and a device also associated with one of the cylinders for moving the web for engaging each web section and inserting the same into the said clamp device.

1,626,342. METAL-POURING APPARATUS FOR CENTRIFUGAL CASTING MACHINES. JAMES EDGAR HURST and EDMUND BRUCE BALL, Kilmarnock, Scotland, assignors to Centrifugal Castings Limited, Kilmarnock, Scotland, a Company of Great Britain. Filed Aug. 24, 1925, Serial No. 52,202, and in Great Britain Mar. 9, 1925. 3 Claims. (Cl. 22—65.)



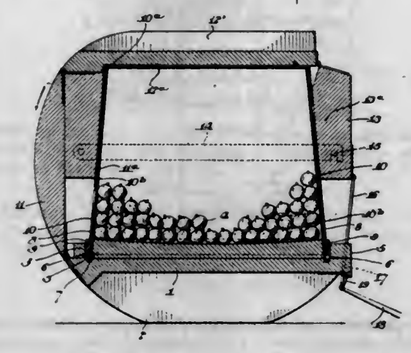
1. In metal pouring apparatus for centrifugal casting machines the combination of a pouring trough having a weir edge varying in height along the trough, a reservoir adapted to deliver molten metal into the trough, means for rotating the trough, mechanism for simultaneously tipping the reservoir to an extent dependent upon the speed at which the trough is rotated and means for varying the ratio of these interdependent speeds.

1,626,343. MIXING-VALVE SUPPORT FOR LAUNDRY TRAYS. SAMUEL KERSTEN, Chicago, Ill. Filed July 18, 1924. Serial No. 726,881. 5 Claims. (Cl. 4—193.)



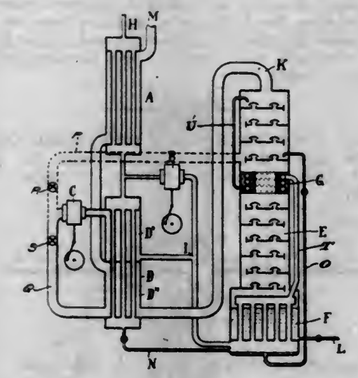
1. A mixing valve support for laundry trays comprising a vertical standard having openings therein through which supply necks for the valve pass and whereby the valve is secured to the standard, a claw foot for the standard for embracing the walls of the tray, and means for clamping the foot to the tray walls.

1,626,344. ART OF PACKING. MATHIAS R. KONDOLF, Cynwyd, Pa., assignor to Boxboard Products Company, Philadelphia, Pa., a Corporation of Delaware. Filed Oct. 17, 1924. Serial No. 744,193. 3 Claims. (Cl. 226—17.)



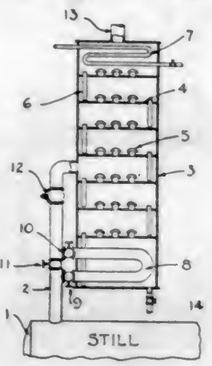
1. The improvement in the art of packing which comprises a rocking base having a retainer seat, a curved block hinged to said base, a link hinged to said block, a block hinged to said link, and means for detachably connecting said last named block and base together.

1,626,345. METHOD OF SEPARATING GASEOUS MIXTURES. JEAN LE ROUGE, Boulogne, France, assignor to Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude), Paris, France. Filed Feb. 1, 1923, Serial No. 616,804, and in France Mar. 16, 1922. 13 Claims. (Cl. 183—115.)



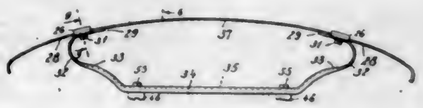
1. The method of separating the constituents of gaseous mixtures, which comprises subjecting a portion of the compressed gaseous mixture before liquefaction to a partial expansion with external work and further expanding with external work a portion of the partly expanded mixture.

1,626,346. DISTILLATION APPARATUS. WARREN K. LEWIS, Newton, Mass., assignor to Standard Development Company, a Corporation of Delaware. Filed Dec. 5, 1923. Serial No. 678,730. 6 Claims. (Cl. 196—139.)



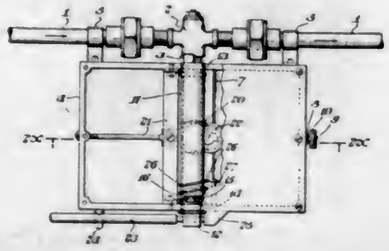
4. Apparatus of the character described, which comprises a heating vessel, a fractionating tower, a connection from said heating vessel to a point of discharge above the bottom of the tower, and heating means at the bottom of the tower in circuit with said connection.

1,626,347. AUTOMOBILE BUFFER AND ATTACHMENT THEREFOR. GEORGE ALBERT LYON, Philadelphia, Pa. Filed May 10, 1923. Serial No. 637,934. 20 Claims. (Cl. 293—55.)



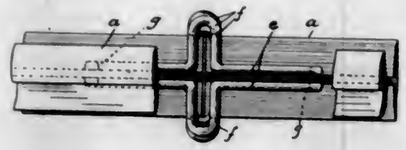
14. The automobile buffer supporting member of angular sectioned steel having a flanged portion adapted to extend between the frame ends of the automobile and having outwardly projecting flattened and widened ends to form vertically wide connector end portions adapted to support a buffer front.

1,626,348. COIN-CONTROLLED DISPENSING APPARATUS. JOHN MCGRANIGHAN, Roxborough, Pa. Filed May 8, 1922. Serial No. 559,132. 1 Claim. (Cl. 194—87.)



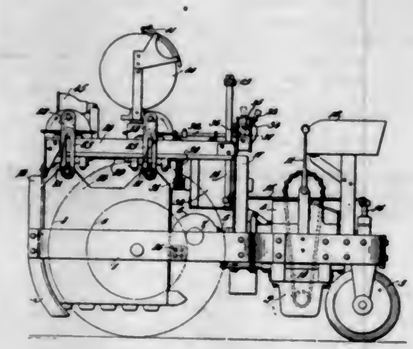
The combination with a rotary valve, of control mechanism therefor comprising relatively revoluble members consisting of a shaft having a rod therein, one of said members being connected with said rotary valve and the other of said members having a handle connected therewith, said members having a coin slot extending diametrically entirely therethrough, a coin support below said slot and relatively to which said members are revoluble to remove a coin from said support, and a pin and slot connection between said revoluble members whereby one of said members is movable by the other upon the operation of said handle in one direction and said last named member is movable independently of the other by the movement of the handle in the opposite direction.

1,626,349. RAIL JOINT. DAVID B. MOISSELLE, Philadelphia, Pa. Filed Nov. 4, 1926. Serial No. 146,119. 14 Claims. (Cl. 238—164.)



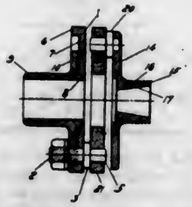
1. In a rail joint, the combination with the rails, of a plurality of spaced apart bars extending longitudinally of and welded to the rails and provided between their ends with flexible sections, said joint engaging both the web and base portions of the rail.

1,626,350. PIG-LEAD TRUCK. WILLIAM E. NEWNAM, Collinsville, Ill., assignor to National Lead Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 4, 1923. Serial No. 660,885. 7 Claims. (Cl. 254—2.)



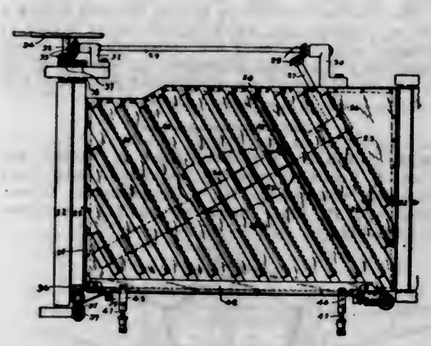
1. A truck of the character described comprising a chassis, traction wheels on the front of said chassis and adapted to straddle the load, a steering wheel on the rear of said chassis, a motor for driving said traction wheels to propel the truck, an elevating carriage between said traction wheels and adapted for vertical elevation to carry the load, elevating mechanism for said carriage adapted to raise and lower the same in a vertical line comprising oppositely moving cranks on said chassis and arranged along said carriage, a motor for said elevating mechanism and automatic means positively connected to said motor for stopping said mechanism when the carriage reaches a predetermined position.

1,626,351. FLEXIBLE ADJUSTABLE COUPLING. EDWARD B. NOWOSIELSKI, Bloomfield, N. J., assignor to Splitdorf Electrical Company, Newark, N. J. Filed Feb. 9, 1923. Serial No. 617,944. 4 Claims. (Cl. 64—90.)



1. In a device of the class described, in combination with driving and driven members longitudinally spaced apart, with the driven member on a shaft, each member having parts projecting toward the other and a disc of flexible material carried on said projecting parts, a flanged member adapted to be drivingly attached to an operating shaft and having a part extending through the driving member whereby the flange is seated directly against a wall of the driving member, said driving member having an annular rim of substantially the same diameter as said disc extending outwardly substantially flush with the outer surface of said flange, studs extending outwardly from the driving member between the rim and said flange and a plurality of means carried on said studs independently and separably operable for gripping directly the rim and flange for the purpose described.

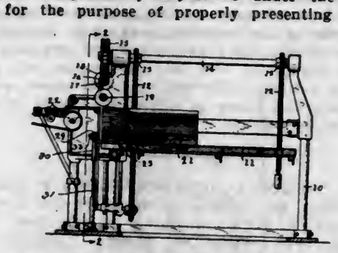
1,626,352. FEED TABLE. ANDREW OLSON, Cleveland, Ohio, assignor to The Cleveland Folding Machine Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 3, 1925. Serial No. 20,413. 6 Claims. (Cl. 271—52.)



1. In feed tables, the combination of means for advancing a sheet along said table and to one side thereof, an endless belt arranged along said side so as to engage one edge of the sheet and move therewith, means for driving said belt, and means for adjusting the position of said belt transversely of said table independently of said driving means.

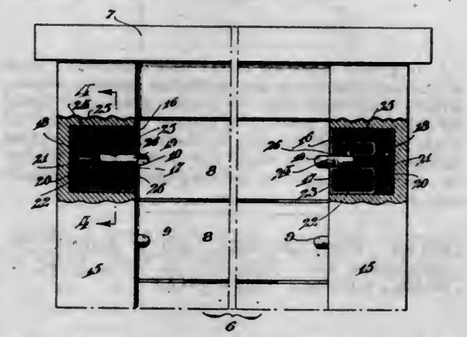
1,626,353. PAPER FEEDER. ANDREW OLSON, Cleveland, Ohio, assignor to The Cleveland Folding Machine Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 21, 1925. Serial No. 63,883. 4 Claims. (Cl. 271—62.)

1. In feeders, the combination of a pile table, means for moving said table, means for delivering sheets from a pile on said table, one or more members carried by said table and independently adjustable under the pile of sheets for the purpose of properly presenting the top



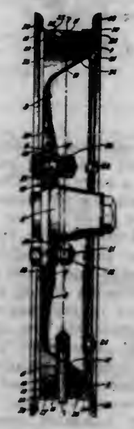
sheet of the pile to said delivering means, and means cooperating with said members to automatically adjust them as the pile is depleted.

1,626,354. DRAWER STOP. RAPHAEL ANGELO PILLA, Philadelphia, Pa. Filed July 13, 1926. Serial No. 122,103. 4 Claims. (Cl. 45—7.)



1. A drawer stop including a casing; a lock bolt slidably positioned in said casing; means for normally holding said bolt in an extended position; a catch positioned in said casing and adapted to normally abut against said bolt, said bolt being adapted to engage said catch.

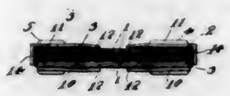
1,626,355. WHEEL. SYDNEY I. PRESCOTT, New York, N. Y., and FRANCIS J. RUMMLER, Lyndhurst, N. J. Filed Nov. 16, 1921. Serial No. 515,465. 21 Claims. (Cl. 301—63.)



12. A wheel comprising a motor-vibrated hub, a road-vibrated rim, and a vibration-damping body on said hub and supporting said rim, said body including a disc having

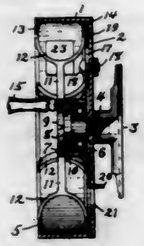
a central mounting section and a mid-section both behind the plane of impact and having a concavo-convex rim section crossing and recrossing said plane, an odd number of rim holding and vibration-damping nuts in the concavity of and united with said rim section, and a corresponding number of rim holding thrust screws working in said nuts and acting to subject the united nuts and rim section to pressure.

1,626,356. FIXED CONDENSER. LEWIS T. RHOADES, Mont Clare, Pa., assignor to New York Coil Company, New York, N. Y., a Corporation of New York. Filed Apr. 30, 1925. Serial No. 26,896. 7 Claims. (Cl. 175—41.)



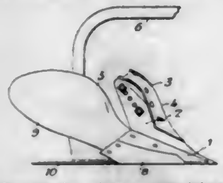
1. In a fixed condenser of the class described; a stack of alternate insulating and conducting sheets interposed between rigid outer sheets of insulating material; means for automatically maintaining uniform pressure upon the stack, said means consisting of resilient clamping plates engaging a face of the stack, and means passing through the stack for holding the clamping plates in engagement with said face.

1,626,357. FISHLINE REEL. GUY S. RINEBOLT, Sr., Huntington, Ind. Filed Apr. 3, 1926. Serial No. 99,526. 5 Claims. (Cl. 242—84.5.)



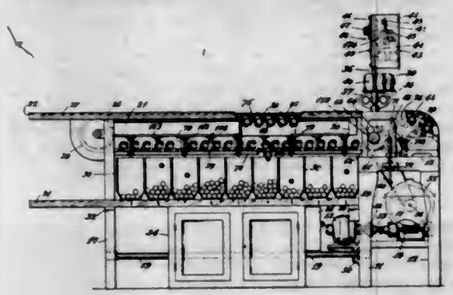
1. A fishline reel comprising a cylindrical housing having a head at one end and being entirely open at the opposite end; a base; a screw extending through the head of the housing into said base; a bearing within the housing supported on said screw; a reel rotatably mounted on said bearing, said reel having forked spokes and a pair of spaced annular guards integral respectively with the corresponding arms of said forked spokes and forming the respective end perimeters of said reel; a plate on the inner face of the head of said housing having limited sliding movement thereon, the top of said plate being shaped in the form of an arc with a tapering marginal edge, which edge has frictional engagement with the corresponding guard on said reel, one end of said plate being bent and extended through said head to form a thumb-piece, there being an elongated opening in said head admitting of movement of said thumb-piece therein; and an operating handle in connection with said reel, the cylindrical wall of said housing having a guide opening therein for the fishline.

1,626,358. ATTACHMENT FOR PLOWS. HEINRICH RÖWER and FRITZ RÖWER, Blender, Germany. Filed Dec. 22, 1926, Serial No. 156,326, and in Germany Dec. 21, 1925. 2 Claims. (Cl. 97—134.)



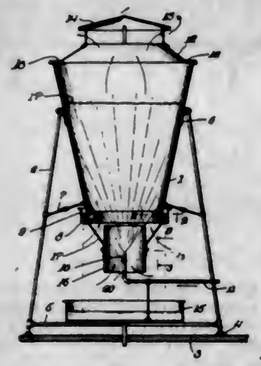
1. An attachment for plows comprising, in combination, a coulter, and a supplemental moldboard mounted on said coulter, said supplemental moldboard having a share portion and a convex moldboard portion.

1,626,359. COLOR-SORTING MACHINE. RUPERT E. RUNDELL, Rockville Center, N. Y., assignor to Photometric Products Corporation, a Corporation of Delaware. Filed July 31, 1926. Serial No. 126,200. 32 Claims. (Cl. 209—111.)



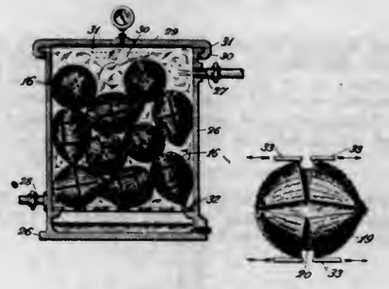
1. The combination with an endless conveyor having a series of grippers into which objects to be sorted in accordance with their color are indiscriminately loaded, of electrically controlled mechanism for examining the color of said objects and for causing said grippers to sort and deliver them in accordance therewith.

1,626,360. SPRAY COOLING. BERT R. SAUSEN and HARRY D. BINKS, Chicago, Ill., assignors to Binks Spray Equipment Co., Chicago, Ill., a Corporation of Illinois. Filed Sept. 19, 1921. Serial No. 501,742. 8 Claims. (Cl. 261—116.)



1. A spray cooling appliance comprising an upright casing open at its bottom and having a ventilating opening in the upper portion thereof, upwardly directed spraying means disposed below the casing, a pair of concentric collars through which the spray is consecutively projected upwardly into the casing, and a drip chamber having the larger of the two collars as its inner wall, the casing having its bottom opening larger in diameter than the said wall and overhanging the drip chamber.

1,626,361. METHOD OF SHELLING COCONUTS. FRANK R. SCHMITT, Brooklyn, N. Y., assignor to American Machine and Foundry Company, a Corporation of New Jersey. Filed June 5, 1926. Serial No. 113,950. 6 Claims. (Cl. 146—219.)

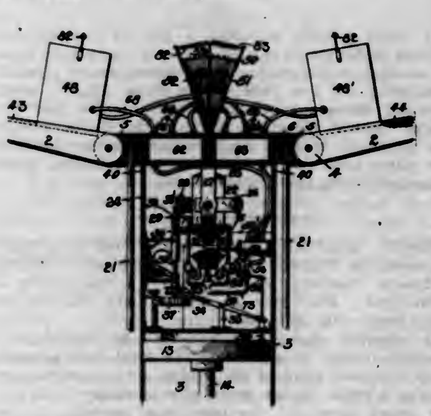


1. The method of shelling a coconut, which consists in weakening a part of its shell to control subsequent breakage, then steaming said shell to loosen it from the nut, and then removing said shell by breaking it at its weakened part.

1,626,362. OXIDIZED PINE OIL FOR PIGMENTS. JOHN K. SPEICHER, Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del., a Corporation of Delaware. Filed July 20, 1926. Serial No. 123,793. 4 Claims. (Cl. 134—39.)

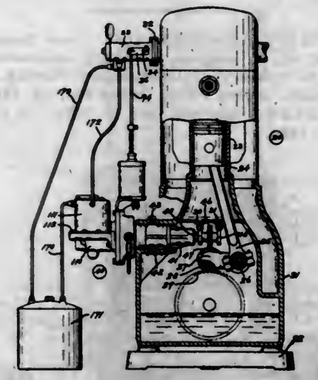
1. The method of preparing pigments for paints, varnishes, lacquers, enamels and other uses, which comprises grinding the pigment in admixture with oxidized pine oil.

1,626,363. GRAVITY BOMB. ELMER A. SPERRY, Brooklyn, N. Y. Filed Oct. 14, 1921. Serial No. 507,591. 32 Claims. (Cl. 102—2.)



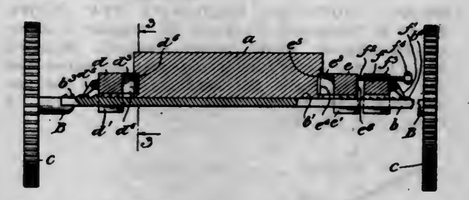
8. In combination, a gravity bomb, and means positioned outside of the bomb proper for stabilizing the latter in azimuth.

1,626,364. ENGINE. FRANK F. STARR, Dayton, Ohio, assignor to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed Jan. 24, 1924. Serial No. 688,323. 12 Claims. (Cl. 123—195.)



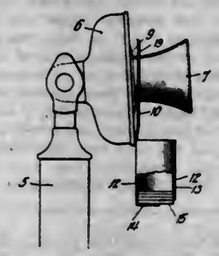
1. An internal combustion engine comprising, in combination, a frame; an engine driven shaft projecting through said frame; an ignition timer having a housing extending through the frame and providing a bearing for said shaft, and means covering the housing and including a pump operated by said shaft.

1,626,365. VENEER-CUTTING MACHINE. CHRISTOPHER STRAUB, East Elmhurst, N. Y., assignor, by mesne assignments, to Astoria Importing and Manufacturing Co. Inc. Filed Feb. 5, 1925. Serial No. 6,917. 11 Claims. (Cl. 144—214.)



1. In a half round rotary veneer cutting machine, the combination with a stay-log operatively rotatable about its own axis, of means slidable on the stay-log to secure a half round flitch thereto and means cooperating with the stay-log to adjustably position the first named means.

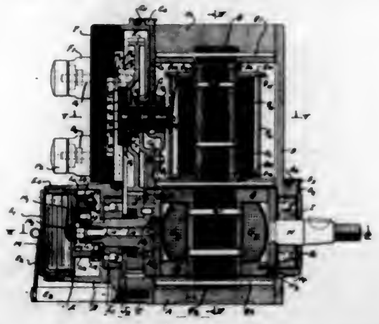
1,626,366. COIN-HOLDER. THOMAS J. SUGHRUE, Chicago, Ill. Filed Mar. 25, 1922. Serial No. 546,928. 2 Claims. (Cl. 133—6.)



2. In a coin holder, a body portion having a relatively large opening therein, an elongated tab depending therefrom and a tubular coin holding portion aligned with

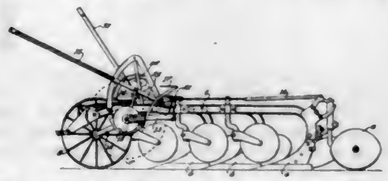
said tab and supported thereby, said coin holding portion having an open end adjacent said tab and opening, and having a coin supporting flange at the opposite end thereof, said tubular portion being narrower than said body portion.

1,626,367. MAGNETO GENERATOR. OLOF THOMPSON, New York, N. Y., assignor, by mesne assignments, to Splitdorf-Bethlehem Electrical Company, Newark, N. J., a Corporation of New Jersey. Filed Feb. 15, 1919, Serial No. 277,229. Renewed June 18, 1923. 12 Claims. (Cl. 123—149.)



1. A device of the type specified including means for producing a permanent magnetic field, a single winding therein designed to generate an electric current, a separate winding therein for deriving an induced current from the first winding, and means adapted to rotate one of said windings while the other remains stationary.

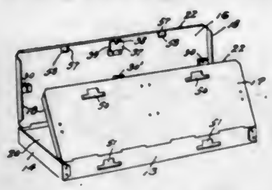
1,626,368. ADJUSTING MECHANISM FOR PLOWS. HARRY R. TRAPHAGEN, Rockford, Ill., assignor to Emerson-Brantingham Manufacturing Company, Rockford, Ill., a Corporation of Illinois. Original application filed Jan. 19, 1920, Serial No. 352,287. Divided and this application filed Apr. 24, 1922. Serial No. 556,139. 1 Claim. (Cl. 97—103.)



In a plow, in combination, a plow frame, supporting wheels, a forward and a rearward crank axle for said wheels mounted on the frame, an upstanding arm fixed to the pivot portion of each crank axle, a notched segment pivotally attached to the upper end of the forward arm, a horizontal link disposed below the pivotal connection of the segment and its supporting arm, said link being attached at its forward end to said segment and having a sliding connection at its opposite end with the upstanding rear arm, a lever pivoted on said link concentric with said segment and having a latch cooperating with the notched portion thereof, a link pivotally connecting the lever and the rear arm, and means operative between the forward upstanding arm and the link for holding the latter from lateral displacement.

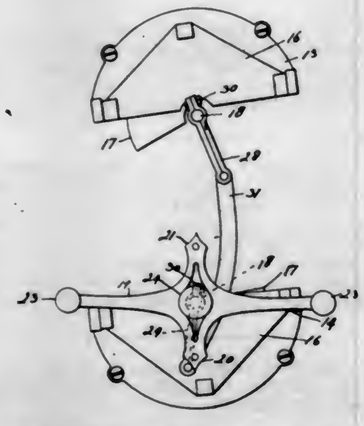
1,626,369. FOLDING SHIPPING CASE. JOHN S. WILLIAMSON, Seattle, Wash. Filed May 5, 1925. Serial No. 28,042. 2 Claims. (Cl. 220—6.)

1. In a folding shipping-case, a tray base-member, side and end sections hinged to said base-member, bracket devices secured to the respective side sections, a two-part partition having one of its parts hingedly connected to said base-member, means connecting the partition parts with each other for relative sliding movements, means carried by said end sections and by the partition for de-



tachably securing the same to the side sections in substantially right angular relations with the latter and also with respect to the floor of the base member, and a tie-rod rotatably connected to one of the partition parts, said tie-rod having bent ends engageable with the bracket devices of both of said side sections.

1,626,370. RADIORECEIVER. HENRY F. WORNER, Philadelphia, Pa. Filed Aug. 21, 1924. Serial No. 733,315. 1 Claim. (Cl. 175—41.5.)

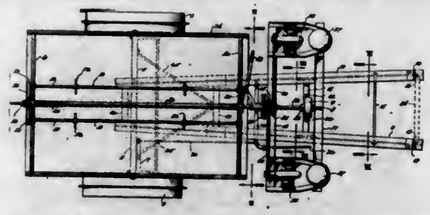


A radio receiver including a pair of variable condensers having rotors carried by shafts, clamp arms loosely mounted on the shafts of the rotors, means pivotally connecting the free ends of the clamp arms a predetermined distance apart, means securing the shaft engaging ends of the clamp arms to the shafts whereby the rotors can be freed for adjustment independently of the clamp arms and one another, and operating means connected to the shaft of one rotor.

1,626,371. SPRAYING ATTACHMENT FOR TRACTORS. NORMAN A. WRIGHT, Pontiac, Mich., assignor to Pontiac Tractor Company, Pontiac, Mich., a Corporation of Michigan. Filed May 25, 1923. Serial No. 641,332. 1 Claim. (Cl. 299—45.)

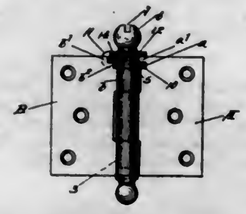
A spraying apparatus adapted to be applied to a Fordson tractor by separating the front axle assembly from the power plant of the tractor, said apparatus comprising a frame having means of connection to the tractor power plant and the front axle assembly, a tank on the front end of said frame, a shaft extending through said tank and having at its rear end means for coupling it to the crank shaft of the tractor, whereby said tank shaft may be used for starting said power plant when

the spraying apparatus is attached to the tractor, a pump supported from the side of said frame at the rear of said tank, said pump being operatively connected to said



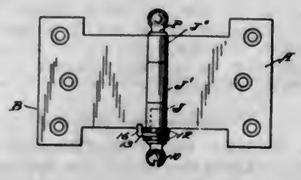
tank and to said tank shaft, an agitator in said tank, and driving connections between said agitator and said tank shaft.

1,626,372. HINGE. GEORGE W. ZABEL, Sherman, Calif. Filed Aug. 25, 1926. Serial No. 131,415. 4 Claims. (Cl. 16—141.)



1. A friction clamp for hinges including a pintle for the hinge leaves, spaced clamp plates one of which is rigid on the pintle and the other being movable, a friction member between the plates and turnable on the pintle, and means for closing the plates against the member; said plates immovably engaging one leaf and the member immovably engaging the other leaf.

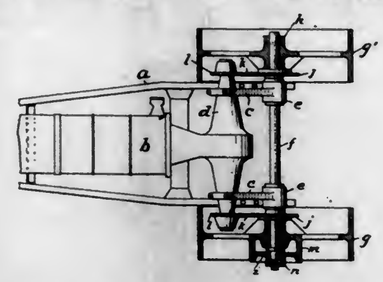
1,626,373. HINGE CLUTCH. GEORGE W. ZABEL, Sherman, Calif. Filed Oct. 14, 1926. Serial No. 141,506. 4 Claims. (Cl. 16—139.)



1. A friction clutch for a hinge, including a journal key stud element having a screw stem, mutual clamp members one of which is turnable between others, and means for clamping the members together; the turnable member having means to interlock with one hinge leaf.

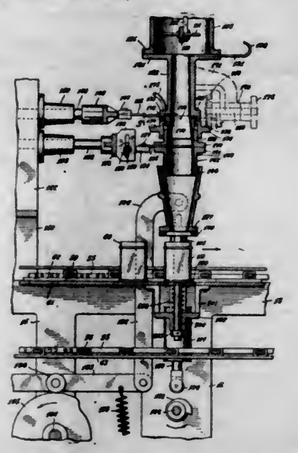
1,626,374. DIFFERENTIAL LOCK FOR TRACTORS. GEORGE C. ABBE, Kennett Square, Pa., assignor to American Road Machinery Company, Inc., Kennett Square, Pa., a Corporation of Delaware. Filed July 18, 1925. Serial No. 44,500. 3 Claims. (Cl. 74—100.)

1. In a tractor, in combination, a pair of wheels, a one piece axle extending through the hubs of both wheels, one of which is rotatably mounted on said axle and the other of which is fixedly mounted thereon, means for driving said wheels including a differential gearing having a two part shaft, driving connections between the axle and one part of the shaft, driving connections between the other part of the shaft and the wheel ro-



tatably mounted on the axle, and means adapted to afford a connection between said axle and said wheel rotatably mounted thereon.

1,626,375. APPARATUS FOR FILLING CANS OR OTHER RECEPTACLES. CHARLES A. ALEXANDERSON, New York, N. Y., assignor to Eugene W. Durkee, New York, N. Y. Filed Feb. 27, 1926. Serial No. 91,037. 9 Claims. (Cl. 226—95.)

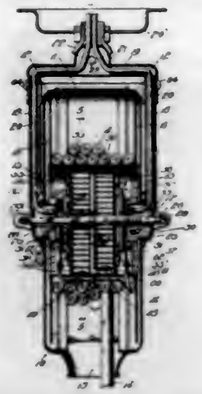


1. In a machine for filling receptacles, and in combination, a tank provided with an opening in its bottom, a tube connected to said tank and depending therefrom in register with said opening, means for closing such opening, an adjustable measuring chamber connected to the lower end of said tube and communicating therewith, a discharge tube connected with the bottom of said measuring chamber, means for shutting off communication between said measuring chamber and said first tube, and between said measuring chamber and discharge tube, a hopper into which the lower end of said discharge tube extends, means for supporting the hopper, and means for admitting intermittent currents of compressed air tangentially to said measuring chamber, all in vertical alignment.

1,626,376. REWINDING REEL. ERNST G. K. ANDERSON, Chicago, Ill., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 14, 1919. Serial No. 317,399. 8 Claims. (Cl. 173—367.)

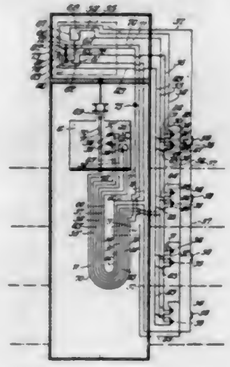
1. A rewinding reel, comprising an open ended cylinder constituting a spool, annular disks surrounding and

exteriorly fixed to the ends of said spool and forming flanges therefor in a manner to leave the spool open at



its ends, spring barrels disposed within said spool, and a fixed shaft extending through said spool and barrels, the ends of the spool overhanging said barrels.

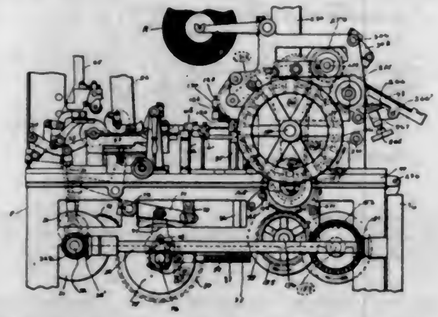
1,626,377. ELEVATOR-CONTROL SYSTEM. JOHN C. A. ANDERSON, Wilmette, Ill., assignor to Reliance Elevator Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 19, 1925. Serial No. 16,709. 5 Claims. (Cl. 187—29.)



5. In a device of the character described an elevator car, and means for controlling the operation of said car comprising a manually movable device which when in one position causes said car to move and in another position causes it to stop and means mechanically connected with said car for indicating the position of said car mounted adjacent said device, said indicating means comprising a movable pointer and a dial having adjustable floor level indicating means thereon.

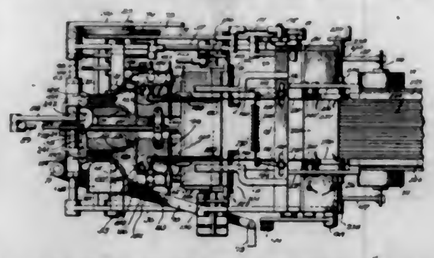
1,626,378. WRAPPING MACHINE. HARRY YARRINGTON ARMSTRONG, Syracuse, N. Y., assignor, by mesne assignments, of one-half to American Machine and Foundry Company, a Corporation of New Jersey. Filed Dec. 2, 1922. Serial No. 604,582. 32 Claims. (Cl. 93—7.)

2. A machine for wrapping and grouping individual gum sticks and for wrapping and sealing said groups, comprising two mechanisms for independently wrapping individual sticks and grouping them, a single mechanism to wrap and seal the groups, and means to transport separately wrapped groups to said single wrapping and sealing mechanism, said wrapping and grouping mech-



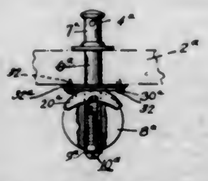
anism operating to synchronously group the individual sticks, and transporting means operating to non-synchronously transport groups from the grouping mechanisms to the wrapping and sealing mechanism.

1,626,379. WRAPPING MACHINE. HARRY Y. ARMSTRONG, Syracuse, N. Y., assignor, by mesne assignments, of one-half to American Machine and Foundry Company, a Corporation of New Jersey. Filed Mar. 26, 1924. Serial No. 702,007. 40 Claims. (Cl. 93—2.)



1. A wrapping machine comprising mechanism to fold a wrapper circumferentially about an article, and mechanism to form and fold end flaps on the article when the article and its wrapper are moved through the same, means for moving the article and its wrapper through said mechanism combined with equalizer means to maintain the article in its movement through the end folding mechanism centralized with respect to said mechanisms.

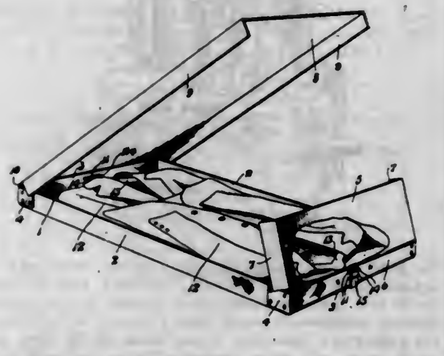
1,626,380. TUNING PEG FOR STRINGED INSTRUMENTS. U SHERMAN AVERY, Union Hill, and ALBERT K. TROUT, Bradley Beach, N. J., assignors to Waverly Novelty Co., Inc., New York, N. Y., a Corporation of New York. Filed July 26, 1922. Serial No. 577,653. 6 Claims. (Cl. 84—305.)



6. In a tuning peg for musical instruments having a shaft adapted to be supported in an aperture in the head of the instrument, said shaft having a shoulder to

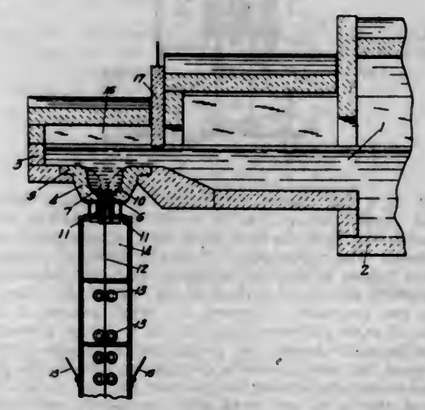
limit endwise movement thereof in the aperture in one direction, and having throughout a portion of its length a flattened surface, a thumb piece rotatably mounted on said shaft, an interponent member slidably supported on said shaft and having an aperture with a flattened side adapted to engage the correspondingly flattened surface of the shaft, means for holding said thumb piece against rotation relatively to said interponent member said means comprising a transversely disposed recess in one of said elements, and securing the other of said elements in said recess.

1,626,381. SHIPPING BOX FOR CLOTHING. WALTER H. BATTS, Grand Rapids, Mich. Filed Mar. 22, 1926. Serial No. 96,387. 11 Claims. (Cl. 206—7.)



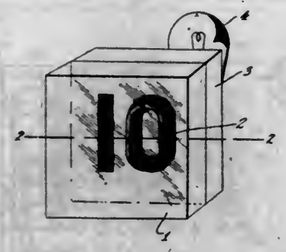
11. In combination a receptacle having an aperture in one end, a garment hanger located within the receptacle and having a hook extending through said aperture, means located outside of the receptacle to engage and retain said hook, and means to hold said hook in close engagement with said retaining means.

1,626,382. FORMING SHEET GLASS. JAMES C. BLAIR, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Feb. 18, 1924. Serial No. 693,501. 16 Claims. (Cl. 40—3.)



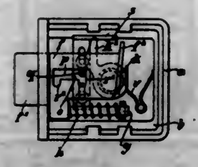
1. The method of forming sheet glass, wherein glass flows downwardly through an elongated orifice, whose end portions are narrower than the central portion.

1,626,383. ILLUMINATED SIGNAL FOR ELEVATOR INSTALLATIONS. FRANZ A. BOEDTCHER, Bergenfield, N. J. Filed May 22, 1924. Serial No. 715,014. 1 Claim. (Cl. 40—135.)



A signal embodying a transparent front plate provided in its rear face with a depression constituting signaling indicia, translucent coloring matter coating said depression to impart the desired color thereto, a translucent back plate positioned in facial engagement with the rear of the front plate to cover and close the depression in the rear of the front plate and which back plate can be seen through the front plate and forms a background for the indicia, and a lamp positioned rearwardly of the back plate, for illuminating both the back plate and the indicia, and the colored indicia appearing as in relief.

1,626,384. LATCH LOCK. ADOLF BOGE, Solingen, Germany. Filed Sept. 12, 1924. Serial No. 737,285, and in Germany Sept. 12, 1923. 13 Claims. (Cl. 70—46.)

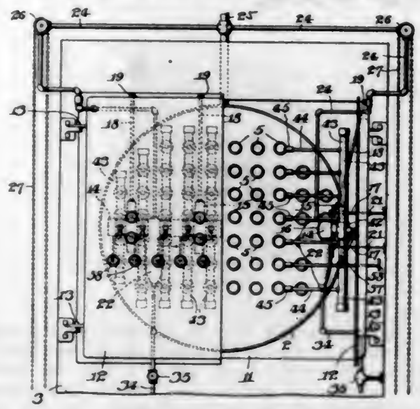


7. In a lock, a latch bolt, a second bolt movable transversely of the latch bolt and having a pair of spaced projections, one of said projections being movable into and out of locking engagement with the latch bolt, and a pair of bolt actuating devices, each normally operative independently of the other for bolt projecting and retracting actions, each bolt actuating device having an arm movable between the contacts of said second bolt for respectively projecting and retracting the same, the other of said projections and the arms of the actuating devices being so relatively constructed as to render one of said bolt actuating devices ineffective for bolt releasing actions upon the projection of the bolts by the other bolt actuating device and while said bolts are under the control of the latter.

1,626,385. BOILER-CLEANING DEVICE. MARION R. BOWE, Philadelphia, Pa., assignor of one-half to William D. Harris, Philadelphia, Pa. Filed Mar. 3, 1922. Serial No. 540,684. 6 Claims. (Cl. 122—391.)

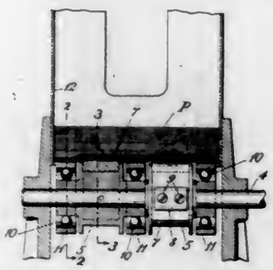
1. The combination of a fire tube boiler, a housing enclosing the same and providing a passage for products of combustion leading from the fire tubes, and a tube cleaning device within said passage in front of the discharge end of said tubes and comprising a steam header, pipes connected to the header and provided with steam

discharging nozzles directed toward the open ends of said tubes, a steam separator within said passage in front of the discharge end of said tubes and communicating with



the header, a steam supply pipe leading to the separator, and valves for controlling the discharge of steam from the nozzles.

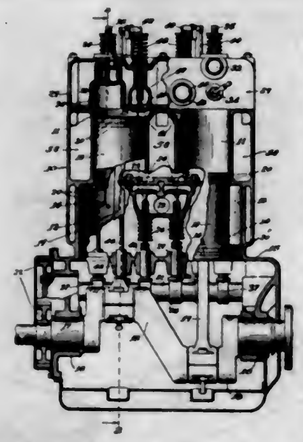
1,626,386. PAPER-FEEDING ROLL. WILHELM B. BRONANDER, Montclair, N. J., assignor to American Machine & Foundry Company, a Corporation of New Jersey. Filed Apr. 7, 1926. Serial No. 100,262. 4 Claims. (Cl. 271—41.)



1. A roll for successively feeding sheets of paper from a pack, comprising a rotating shaft, means carried and rotated by said shaft and intermittently engaging said pack to successively feed sheets therefrom, and ball bearings carried by said shaft with their outer races in constant engagement with said pack and constantly exerting a slight feeding strain on the sheet to be fed out.

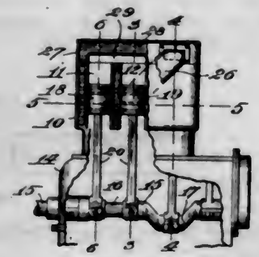
1626,387. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Jan. 4, 1923. Serial No. 610,699. 3 Claims. (Cl. 123—59.)

2. An internal combustion engine having two cylinders, each provided with a chamber having two diameters, the smaller diameter chamber constituting a combustion chamber and the larger diameter chamber constituting a gaseous fuel precompression chamber, a poppet valve for controlling the admission of gaseous fuel into each precompression chamber, a two diameter piston arranged for operation within each cylinder, a removable head for said cylinders, said head having two valve seats formed directly above each combustion chamber, one seat being located within a pocket that extends inwardly from the face of the head, ignition means seated in the head and extending into said pocket, a duct extending from the pocket above the valve seat therein to the upper portion of the precompression chamber in the other one of the two cylinders forming the engine unit, a poppet valve normally resting on the last mentioned valve seat, the other one of the two poppet valve seats being formed on the face of



the head, a valve normally resting on the latter seat, an exhaust duct leading through said head from a point above said last mentioned valve leading to the precompression chambers, a crank shaft to which the pistons of the engine are connected, a cam shaft driven from said crank shaft, and valve unseating means arranged to be actuated by the cams on said cam shaft.

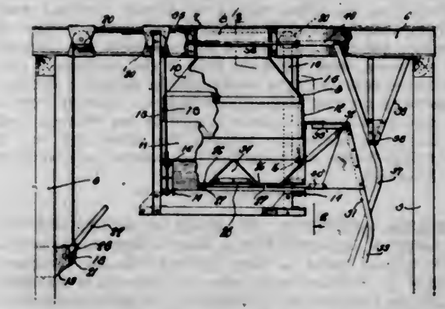
1,626,388. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Feb. 28, 1924. Serial No. 695,723. 2 Claims. (Cl. 123—58.)



2. In a two stroke cycle internal combustion engine unit, three cylinders, two of which are adapted to combustion and joined at their head ends by a common compression and combustion clearance chamber, exhaust ports formed in the wall of one of said two combustion cylinders, inlet ports formed in the wall of the other of the two combustion cylinders, the third cylinder of the unit of three cylinders being adapted to charge pumping, a crank shaft having two crank throws, pistons within each of the three cylinders, connections between the pistons in the two combustion cylinders and one of the two crank throws of said crank shaft, a separate connection between the piston within the third cylinder and the other one of the two crank throws of the crank shaft, said last mentioned crank throw being arranged in relation to the crank throw to which the two pistons of the two combustion cylinders are connected, so as to cause the

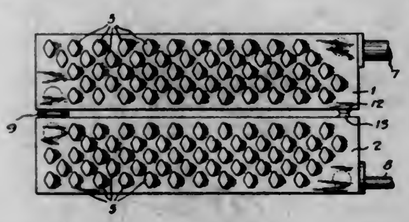
piston within the pumping cylinder to reach head end dead center at the time the piston within the combustion cylinder having the inlet ports arranged in its wall has moved sufficiently past crank end dead center to close said inlet ports, the head end of the chamber in the pump cylinder having a lateral extension, there being a fuel charge admission port at the outer end of said lateral extension, an admission poppet valve normally closing said admission port, means whereby the said poppet valve is opened mechanically immediately after the piston within the pumping cylinder has reached head end dead center and held open during the period of each suction stroke of the pumping cylinder piston and a charge volume transfer duct leading from the upper or head end of the pumping chamber to the inlet ports in one of the combustion chambers.

1,626,389. MATERIAL-HANDLING EQUIPMENT. MORGAN R. BUTLER, Waukesha, Wis. Filed May 26, 1923. Serial No. 641,703. 3 Claims. (Cl. 221—111.)



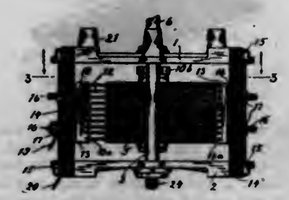
1. In a device of the class described, the combination of a supporting member and a two-part adjustable hopper connected thereto, guide elements secured to said supporting member and between which said hopper is positioned, a control valve and its operating means carried by the movable part of said hopper, said movable part being movable with respect to said guide elements, and said movable part bearing against said guide elements and being retained in alignment with its stationary part during the movement of the valve to its opening position.

1,626,390. RADIATOR FOR HEATING AND VENTILATING UNITS. MICHAEL J. CALLAHAN, New York, N. Y. Filed Sept. 4, 1925. Serial No. 54,579. 2 Claims. (Cl. 257—149.)



2. A radiator comprising a plurality of tubular, rectangular units of uniform size from end-to-end grouped in tiers horizontally, one tier being arranged above another; tubular coupling means for the units, certain of the coupling means also acting to support units one on the other; and the other coupling means extending laterally between the units; fluid inlet means coupled to one of the units at its extreme end; and fluid outlet means coupled to another of the units at its extreme end.

1,626,391. VARIABLE AIR CONDENSER. ALLEN D. CARDWELL, Rockville Center, N. Y., assignor to The Allen D. Cardwell Manufacturing Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 26, 1922. Serial No. 590,576. 11 Claims. (Cl. 175—41.5.)

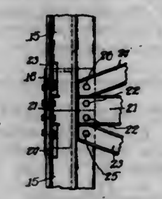


1. A variable air condenser comprising a conducting frame including spaced metal end plates, a rotor element journaled therein and comprising a series of spaced conducting plates, a stator element, conducting blocks electrically connected to and supporting the stator element, and insulating means extending in a direction across the plane of the stator element and secured to said end plates, said conducting blocks being secured to and supported by said insulating means.

1,626,392. PROCESS OF MAKING BENZANTHRONE. ROBERT G. CASWELL and ELLSWORTH G. MARSHALL, Wilmington, Del., assignors to E. I. du Pont du Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed July 31, 1920. Serial No. 400,492. 5 Claims. (Cl. 260—61.)

1. A process of producing benzanthrone which comprises treating anthraquinone dissolved in concentrated sulphuric acid with freshly precipitated copper at a temperature of about 38—42° C., until solution of the copper in the sulphuric acid is substantially complete, gradually adding glycerol and water, and then gradually raising the temperature of the solution to about 120° C. and maintaining it at about this point until the reaction is completed.

1,626,393. FRAME STRUCTURE. WILLIAM H. CATER, Chicago, Ill. Filed Mar. 10, 1924. Serial No. 697,990. 3 Claims. (Cl. 189—13.)



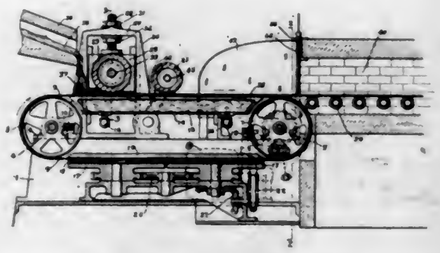
3. In the demountable framework of the character described comprising a plurality of superposed sections, the combination in each said section of corner-post units each of angle bar cross-section having internally a reversely-disposed smaller angle-bar with the margins of its flanges secured to the inner faces of the flanges of the main angle-bar of the corner-post unit, such smaller angle-bars of the post units of each section resting on the ends of the corresponding angle-bars of the next lower section, and means to hold said sections together in the relation specified.

1,626,394. INCUBATOR TRAY. FRANK E. COATSWORTH, Lincoln, Nebr. Filed June 29, 1926. Serial No. 119,380. 7 Claims. (Cl. 119—44.)



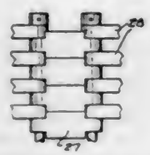
1. An egg tray, a median longitudinal strap secured to said egg tray on the under side thereof, a pair of reticulated bottoms for said egg tray, said bottoms being slidably secured to said median strap and on opposite sides thereof, means for preventing the eggs from falling from the ends of the bottom sections and means pivotally secured to said median strap for simultaneously moving said bottoms in opposite directions.

1,626,395. DRAWING SHEET GLASS. JOSEPH P. CROWLEY, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed July 14, 1922. Serial No. 574,883. 3 Claims. (Cl. 49—33.)



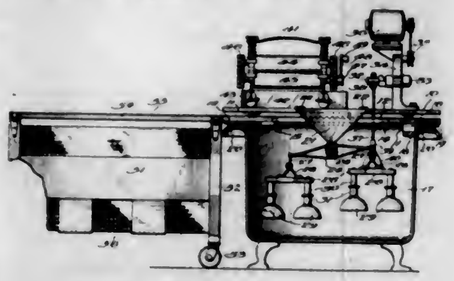
1. An apparatus for producing sheet glass, comprising an endless metal belt, supporting means for the belt including a stationary water-cooled table within the belt loop having a flat horizontal upper surface supporting the upper run of the belt, polishing means acting on the outer surface of the belt during its lower run, a metallic water-cooled roller having a polished surface adjustably mounted above the upper run of the belt, means constantly feeding a stream of molten glass upon the upper polished surface of the belt, and means for driving the belt to draw the glass from the stream under the roller and carry it away in sheet form.

1,626,396. SHEET-GLASS-DRAWING APPARATUS. JOHN L. DRAKE, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Aug. 2, 1926. Serial No. 126,602. 11 Claims. (Cl. 49—17.)



11. In sheet glass apparatus, a draw table including a plurality of links closely associated to provide a substantially solid surface and a plurality of spaced links arranged alternately with the closely associated links.

1,626,397. CLOTHES-WASHING APPARATUS. HUGH G. DUGAN, Hinsdale, Ill. Filed Oct 19, 1925. Serial No. 63,220. 3 Claims. (Cl. 68—19.)

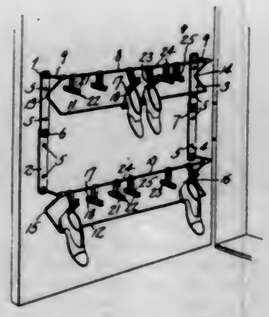


1. In a washing apparatus in combination with a tub, a removable trackway extending across the tub and supported upon the edges thereof, a platform provided with rollers adapted to run upon said trackway, a pair of hangers hingedly mounted on said platform and adapted to be turned down below the level of the platform, a pair of spaced dash boards, a walking beam mounting therefor removably pivoted between said hangers, dashers carried by said dash boards, a motor carried by the platform, and a detachable connection between the motor and one of said dash boards for actuating the dashers, substantially as described.

1,626,398. PROCESS OF MAKING POLYHYDROXY CARBON COMPOUNDS. HARRY ESSEX, Syracuse, N. Y., and ALGER L. WARD, Upper Darby, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Original application filed Nov. 22, 1919, Serial No. 340,073. Divided and this application filed May 25, 1926. Serial No. 111,635. 4 Claims. (Cl. 260—156.5.)

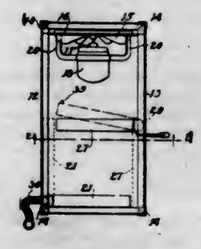
1. The process of producing a polyhydroxy carbon compound which comprises causing a carbon compound containing a pair of doubly linked carbon atoms and an oxygen-containing substituent to combine with hypohalous acid in the presence of an alkali-forming metal carbonate to form a halohydrin, and heating the reaction mixture containing an alkali-forming metal carbonate to hydrolyze the halohydrin.

1,626,399. RACK FOR BOOTS AND SHOES. CHARLES FISCHER, New York, N. Y. Filed Aug. 21, 1926. Serial No. 130,656. 7 Claims. (Cl. 211—14.)



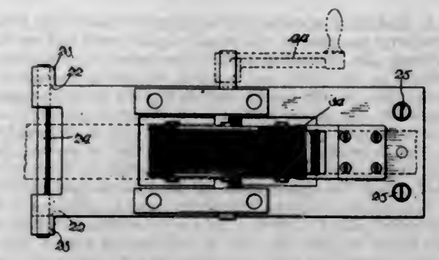
1. A shoe rack comprising in combination, a pair of side bars, a projecting crossbar, a wire frame pivotally mounted upon said crossbar and provided with a back stop to limit its backward movement, said wire frame having a cross member adapted to engage the heel of a shoe, and a plurality of clips, swinging about said crossbar and each adapted to engage the top portion of the back of the shoe.

1,626,400. UNIT FOR HEATING AND VENTILATING SYSTEMS. JOHN M. FRANK, Chicago, Ill., assignor to Ilg Electric Ventilating Company, Chicago, Ill., a Corporation of Louisiana. Filed Dec. 22, 1923. Serial No. 682,163. 7 Claims. (Cl. 257—137.)



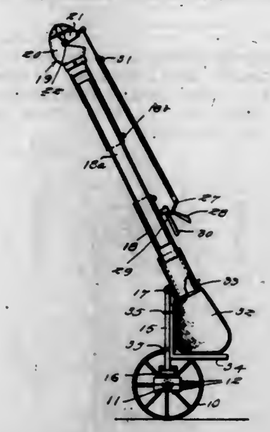
6. In a heating and ventilating unit, the combination of a substantially rectangular casing open at front and rear, a propeller fan mounted in the front end of said casing, steam and electric radiators pivotally mounted at one vertical edge thereof within and adjacent to the side walls of said casing, and means for swinging said radiators between positions crosswise of said casing and parallel with and adjacent to the side walls thereof.

1,626,401. PRINTING MACHINE. CHARLES T. FRANTZ, Los Angeles, Calif., assignor to Recording Thermometer Company, Los Angeles, Calif., a Corporation of Washington. Filed June 26, 1925. Serial No. 39,672. 12 Claims. (Cl. 33—37.)



1. In an apparatus for cutting and printing a sheet of material, printing means for operating upon said sheet; cutting means operating upon the portion of said sheet within opposed marginal edges to sever said marginal edges therefrom and define the sheet and means for coordinating said printing and cutting means to cause the same to operate synchronously in unvarying predetermined relation with respect to each other and to said sheet during operation thereupon.

1,626,402. FRUIT PICKER. NANCY FRYMAN, Indianapolis, Ind. Filed Apr. 24, 1926. Serial No. 104,425. 3 Claims. (Cl. 56—334.)



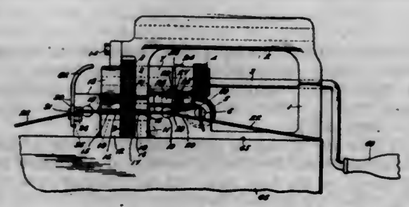
1. A device of the class described comprising a tube, picker means carried thereby, a wheeled body, a post rotatably supported on said body and on which said tube is mounted, and means on said post to support a receptacle to catch fruit falling through the tube.

1,626,403. FRICTION LINING AND METHOD OF FORMING SAME. THOMAS L. GATKE, Oak Park, Ill. Filed Aug. 15, 1923. Serial No. 657,590. 11 Claims. (Cl. 188—259.)



6. A strip of friction lining composed of a plurality of relatively non-flexible portions of a friction material connected by a plurality of flexible webs of wire mesh covered with the friction material.

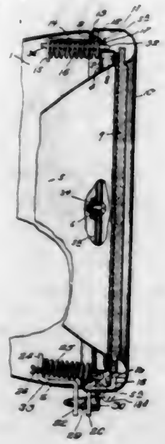
1,626,404. WIRE-TWISTING MACHINE. ALEC J. GERRARD and PARVIN WRIGHT, Chicago, Ill.; said Wright assignor to said Gerrard. Filed Apr. 5, 1920. Serial No. 371,368. 32 Claims. (Cl. 140—119.)



1. In a wire tying machine, the combination of a frame; an operating shaft; a wire tensioning means; a wire twisting means; and connections between said

shaft and said wire tensioning, and wire twisting means, whereby upon turning said shaft in one direction the wire will be tightened and by reversing the motion of said shaft the wire will be twisted, substantially as described.

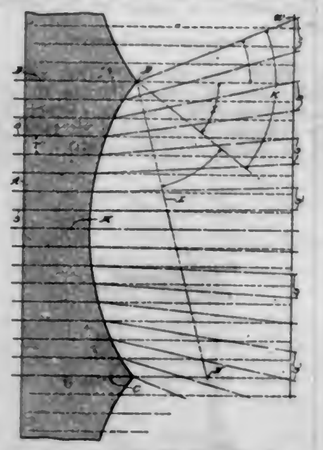
1,626,405. LAMP-DOOR FASTENING. CHARLES E. GODLEY, Detroit, Mich., assignor, by mesne assignments, to C. M. Hall Lamp Company, a Corporation of Michigan. Filed Apr. 12, 1926. Serial No. 101,368. 4 Claims. (Cl. 240—41.)



1. In a lamp, a forwardly open body having its mouth end contracted to afford a tubular part connected to the main portion of the lamp body by a radial flange, the body also having a shelf extending radially inward from the forward end of the said tubular part; a door having a rim portion contracted at its rear end to afford a rear end part sleeved upon the said tubular body part and engaging the said radial flange, the said tubular part having an aperture adjacent to the contracted rear end rim portion of the door; a latching member comprising a latching finger extending through the said aperture substantially radially of the lamp in front of the said rear end rim portion, a shank extending rearwardly from the inner end of the latching finger, and a thrust arm extending radially of the lamp body from the rear end of the said shank; a compression spring interposed between the said shelf and the thrust arm of the latching member for continuously urging the latching member rearwardly so as to cause the latching finger to draw the said rear end rim portion of the door against the said radial flange; and retaining means interposed between the latching member and the shelf for retaining the latching member in its said disposition.

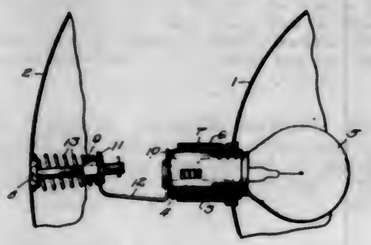
1,626,406. FLUTED LAMP LENS. CHARLES E. GODLEY, Detroit, Mich., assignor, by mesne assignments, to C. M. Hall Lamp Company, a Corporation of Michigan. Filed May 6, 1926. Serial No. 107,096. 3 Claims. (Cl. 240—48.4.)

1. A lens for spreading light laterally within a limiting angle from the direction of parallel rays directed perpendicularly to the lens from the rear thereof; the lens having a face thereof provided with vertical grooves, the transverse section of each groove being a portion of an ellipse which has its major axis parallel to the rear lens face and its foci along the lines on which the said rays respectively reach the opposite edges of the groove, the ellipse being of such a curvature that the angle between the direction on which the ray reaching each groove section end along one of the said lines and the bisector of the angle between straight lines connecting the said end



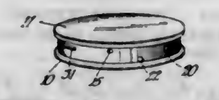
with the foci of the ellipse is equal to one half of the last named angle multiplied by the refractive index of the glass of which the lens is made.

1,626,407. FOCUSING DEVICE. CHARLES E. GODLEY, Detroit, Mich., assignor, by mesne assignments, to C. M. Hall Lamp Company, a Corporation of Michigan. Filed June 17, 1926. Serial No. 116,691. 3 Claims. (Cl. 240—44.)



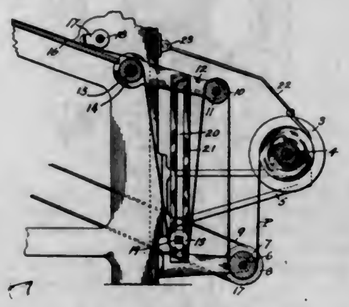
1. In a lamp, a casing having a perforation in its back, a reflector mounted in the casing, a guide tube fast on the reflector and extending toward the back, a lamp-socket slidable in the guide tube, a screw extending through the perforation in the casing and having its head engaging the outer face of the said back; a thrust member having a forward part secured to the socket, a rear part threaded on the screw, and an intermediate portion connecting the said forward and rear parts and adapted to bend more easily than the connections of the intermediate portion to the said forward and rear parts; means associated with the socket and the guide tube for preventing rotation of the socket in the tube, and a compression spring interposed between the rear end of the thrust member and the back of the casing; the thrust member being resilient to permit a flexing of the same for adjusting to differences of direction between the axes of the screw and the socket, and being substantially rigid axially of the socket; the disposition of the said casing back perforation with respect to the axis of the socket and the shape in which the thrust member is formed being such that the assembling of the aforesaid elements distorts the shape of the thrust member and produces a strain in the thrust member to tilt the axis of the socket forwardly, upward and into firm engagement with the upper part of the forward end of the bore of the guide tube.

1,626,408. SAVINGS BANK. HARRY S. GOODMAN, Chicago, Ill. Filed July 17, 1925. Serial No. 44,234. 6 Claims. (Cl. 232—4.)



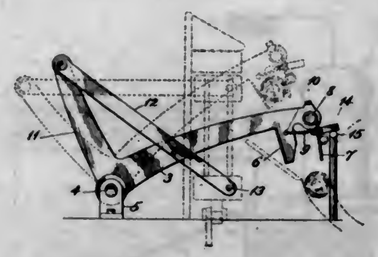
1. A savings bank having two separable sections, one of which constitutes a base and shell section, and the other of which constitutes a cap section, said cap section having inwardly extending portions, and interacting cut metal edges provided upon said portions and the shell portion of said first aforesaid section intermediate the ends thereof, said edges being adapted, when said sections are juxtaposed and relatively rotated, to interengage to prevent longitudinal separation of said sections.

1,626,409. PAPER-FEED MECHANISM. GEORGE W. GWINN, Hewlett, N. Y., assignor to American Machine & Foundry Company, a Corporation of New Jersey. Filed Dec. 8, 1925. Serial No. 74,077. 5 Claims. (Cl. 271—2.3.)



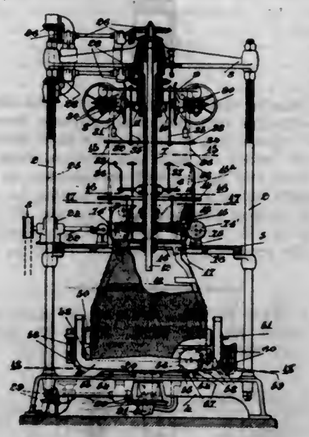
1. In a mechanism for feeding waxed paper, the combination with a reel for supporting a strip of said paper, of a brake for said reel, a pulley for continuously pulling said strip from said reel, and means beyond said pulley and coacting with said brake to produce the required tension on said strip to cause it to be frictionally driven by said pulley without marring the waxed surface of the paper.

1,626,410. TRANSFERRING DEVICE FOR CIGAR MACHINES. JOHN FREDRIK HALSTEAD, Brooklyn, N. Y., assignor to International Cigar Machinery Company, a Corporation of New Jersey. Filed Nov. 13, 1925. Serial No. 68,871. 4 Claims. (Cl. 131—39.)



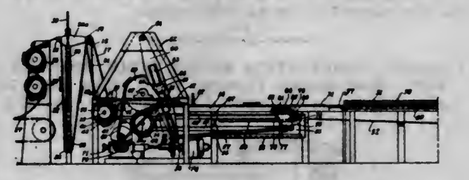
1. A bunch transferring device for cigar machines comprising an arm, a bunch holder supported by the free end of said arm, and adapted to receive a bunch from above and discharge it below and having a fixed wall and a co-acting spring-held movable wall, means for swinging said arm from bunch receiving position downwardly to bunch discharging position, and means in the path of said holder for opening said holder at the lower end of its movement.

1,626,411. LOOM FOR WEAVING. JOANNY BARTHELEMY JABOULEY, Lyon, France, assignor to Jabouley & Co., (Firm) Lyon, France. Filed Feb. 21, 1925, Serial No. 10,911, and in France Feb. 25, 1924. 4 Claims. (Cl. 139—13.)



1. In a circular loom, means for supporting a rotary cylindrical series of warps, one or more shuttles, a table supporting the shuttles, means to form a shed for each shuttle, means for opening and closing the shed continuously in timed relation with the shuttle, and rotating elements journalled outside the outer shed and reaching through it into engagement with said shuttles, said elements having grooves to receive individual warps.

1,626,412. TUBE-MAKING METHOD AND APPARATUS. JAMES V. JAMES, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Apr. 21, 1925. Serial No. 24,778. 10 Claims. (Cl. 154—5.)



1. The method of manipulating tacky sheet material in strip form which comprises feeding a continuous strip thereof onto a support while moving said support at substantially equal speed with the feeding movement of the material, severing from said continuous strip a length thereof lying upon said support, stepping forward the severed length to space it determinately from the rest of the strip by movement of said support, and so repeating the said operations as to deposit successive lengths of said material in determinate space-apart relation on said support.

7. Tube-making apparatus comprising a conveyor belt adapted to feed a continuous strip of material longitudinally from its delivery end, means for driving said belt in determinate, intermittent movement, a second conveyor belt adapted to receive the strip material from the

first belt, and means for driving the second belt in intermittent movements of the same speed as those of the first belt but each so timed as to start before and continue concurrently with a movement of the first belt.

1,626,413. VANITY-CASE-COMPACT HOLDER AND CATCH. WILLIAM G. KENDALL, Newark, N. J. Filed June 22, 1926. Serial No. 117,809. 3 Claims. (Cl. 132—83.)



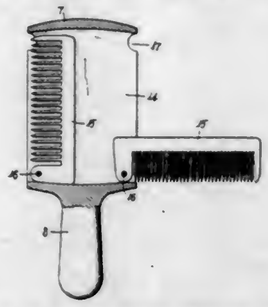
1. In a vanity case having a body formed with a substantially annular wall having an aperture therein and a lid having a projection, a catch and a substantially circular compact holder for said case stamped from a single piece of metal and formed with corrugations on diametrically opposite sides, a pressed out portion at one point adapted to project through said aperture so as to act as a press button, and an apertured extension arranged adjacent the pressed out portion for receiving said projection.

1,626,414. END GATE. SPENCER E. KLUCAS, Barry, Minn. Filed July 28, 1926. Serial No. 125,437. 1 Claim. (Cl. 296—55.)



A wagon end gate of the character described, comprising a pair of sections hingedly secured in end opposed relation, a reinforcing frame comprising a pair of members arranged in spaced relation longitudinally of the gate and a connecting member connecting the members together at one end of the frame, the other ends of the members being secured to a gate section, a latch carried by the other gate section adjacent the free end thereof and adapted to engage over said connecting member to lock the gate in operative position, and an actuating handle forming a part of said latch, said handle being designed to be sprung outwardly to pass over and frictionally engage one of said pair of members, to hold the latch against accidental displacement.

1,626,415. COMBINATION BRUSH, COMB, AND MIRROR. MIKE KOSKE, Proberta, Calif. Filed June 7, 1926. Serial No. 114,338. 2 Claims. (Cl. 132—87.)



1. A device of the character described comprising a comb having a back with a handle and bristles, said back having a slot extending from one edge thereof to the opposite edge, and a pair of combs movable into and out of said slot at the opposite edges of the back and pivoted to said back adjacent to the handle.

1,626,416. CHAIN. WILHELM KUEHNER, Providence, R. I. Filed June 18, 1926. Serial No. 116,869. 5 Claims. (Cl. 59—80.)



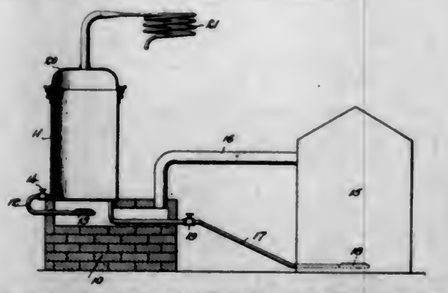
1. In combination with a continuous flexible support, a series of boxes threaded over the support, said boxes having compressed parts which latter frictionally engage the support so as to hold the boxes against movement in both directions lengthwise of the support.

1,626,417. RUBBER BOOT. LESLIE H. L'HOLLIER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Apr. 21, 1925. Serial No. 24,763. 5 Claims. (Cl. 36—4.)



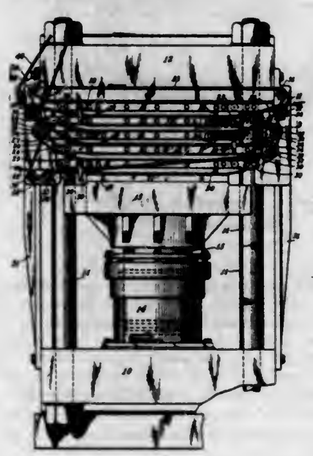
1. A rubber boot of the wading type having a strap attached thereto and provided with means for supporting the leg of the boot at full length by attachment to the clothing of the wearer at a point above the top of the boot, and means for binding the strap about the boot when in cuffed or drawn-down position.

1,626,418. PROCESS AND APPARATUS FOR MANUFACTURING AMORPHOUS CARBON, ETC. JOEL W. MACDONALD, Little Rock, Ark., assignor to Winfred L. Rucker, Los Angeles, Calif. Filed Dec. 14, 1925. Serial No. 75,320. 4 Claims. (Cl. 134—60.)



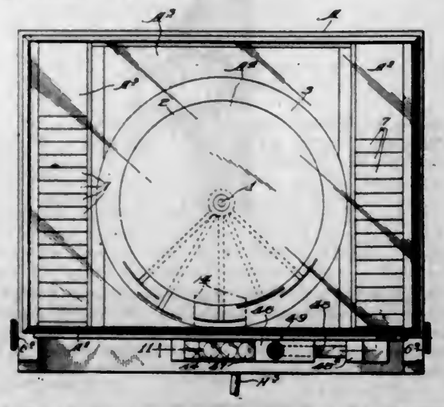
1. Apparatus for manufacturing amorphous carbon, lamp black or carbon black from ozokerite, paraffin, distillates and similar substances, comprising a melting pot, means for heating said pot, an enclosed housing, a valved pipe having one end connected with the interior of the pot and its other end extending into the said housing, and a burner on the last named end of said pipe.

1,626,419. STRIP-VULCANIZING APPARATUS AND METHOD. TOD J. MELL, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Mar. 24, 1925. Serial No. 17,930. 6 Claims. (Cl. 18—17.)



1. The method of vulcanizing strip material which comprises looping the material back and forth to bring zones thereof into close proximity, simultaneously vulcanizing said zones without vulcanizing intermediate zones, and then vulcanizing said intermediate zones while holding them in close proximity.

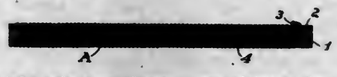
1,626,420. TOY RACE COURSE. MORTIMER B. MILLS, Chicago, Ill. Filed Apr. 14, 1926. Serial No. 101,935. 83 Claims. (Cl. 273—86.)



1. In a toy race course, the combination of a plurality of concentric tubular shafts journaled one within another, racers actuated through the medium thereof, and spring-actuated means for actuating said shafts.

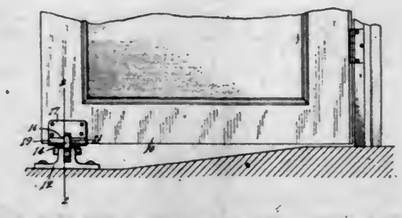
5. In a toy race course, the combination of a series of racers, spring-actuated racer-spinning devices, and a permutation stop device controlling the stopping of the racers at the conclusion of the race.

1,626,421. VARIABLE HIGH-RESISTANCE ELEMENT AND METHOD OF MAKING THE SAME. LESLIE F. MUTER, Chicago, Ill. Filed Apr. 3, 1926. Serial No. 99,519. 6 Claims. (Cl. 201—48.)



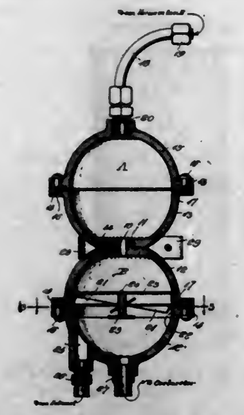
6. A high resistance element comprising a flexible fiber core, a plurality of strips impregnated with carbon to form a high resistance, the said resistance strips lying adjacent one surface of said core, the combined ohmage of said strips giving the desired ohmage and the cross section of said strips providing a relatively high current carrying capacity, a wire spirally wound about the said core and said resistance strips for tightly holding the said resistance strips to each other and to said core, the wire embedded in the outer surface and upper and lower edges of said core, the turns of said wire being slightly spaced from each other, and a portion of each turn being removed.

1,626,422. LATCH. CHARLES A. MUTISPAUGH, Plant City, Fla. Filed May 19, 1925. Serial No. 31,361. 1 Claim. (Cl. 292—216.)



A device for the purpose indicated comprising, in combination with a swinging door, a swinging member having a pivotal point below the lower edge of the door, and a forward nose and adjacent throat and a tail plate for terminal abutting engagement with the rear face of the door, and a plate mounted on the forward face of the door and of a cross sectional contour corresponding with said throat and engaging the latter in the closed position of the door.

1,626,423. GAS MIXER. SIDNEY OSTROFF, Lowell, Mass. Filed July 8, 1925. Serial No. 42,202. 2 Claims. (Cl. 48—180.)



1. A fuel volatilizer comprising a primary chamber constructed substantially as a sphere with polar conduits communicating therewith, one of which is adapted for

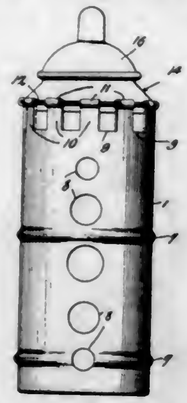
connection to a carbureter, a mechanical agitator within said chamber moving upon an axis coinciding with the pole of the sphere, an inlet conduit for heated gases communicating with the chamber at a tangent and at an inclination to the equatorial plane, a second chamber communicating with the first mentioned chamber through one of the polar conduits, and means to introduce liquid fuel into the last mentioned chamber.

1,626,424. PROPELLER. WIN WITHERS PAGET, Virginia City, Nev. Filed May 11, 1926. Serial No. 108,332. 4 Claims. (Cl. 170—172.)



1. In a propeller, radially related blades each having therein a longitudinal duct and lateral passageways leading from the leading to the trailing edge of each blade and ducts leading from the longitudinal duct of each blade to the corresponding lateral passageways, said lateral passageways being open to the atmosphere.

1,626,425. NURSING-BOTTLE PROTECTOR. TERESA GREEN PELSUE, Wentworth, Mo. Filed Nov. 10, 1925. Serial No. 68,132. 1 Claim. (Cl. 215—11.)



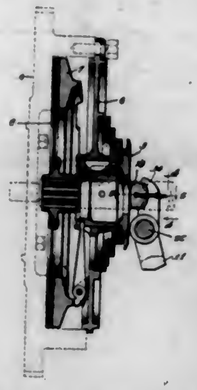
In a device of the class described, a casing, a packing in the bottom of the casing and having an upstanding flange, a nursing bottle comprising a body resting on the packing and within the flange, to space the body from the casing, a nipple on the body and outstanding beyond the sides of the body, the casing being provided at its upper end with spaced tongues, which are yieldable, and means for drawing the tongues inwardly, into contact with the nipple, the nipple and the tongues constituting means for spacing the upper portion of the body from the upper portion of the casing.

1,626,426. BOOT OR SHOE. JOHN B. PIOTROWSKI, Chippewa Falls, Wis. Filed Feb. 18, 1926. Serial No. 89,123. 2 Claims. (Cl. 36—77.)



1. A shoe of the class described comprising a toe box composed of resilient material of sufficient rigidity to withstand substantial impacts and extending across the top of the shoe above the region of the toes at the toe portion of the shoe in substantially spaced relation to the foot opening thereof so as to leave an intermediate free flexing zone for the toes, said box having a rearward extension toward the shank covering the top and sides of the toes at the outside of the foot.

1,626,427. FRICTION CLUTCH. HAROLD V. REED, Chicago, Ill., assignor to The Borg & Beck Company, Chicago, Ill., a Corporation of Illinois. Filed May 15, 1926. Serial No. 109,224. 6 Claims. (Cl. 192—110.)

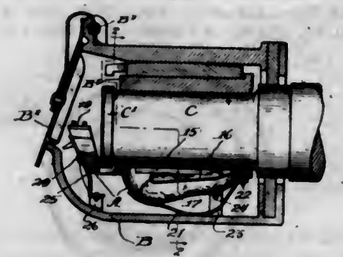


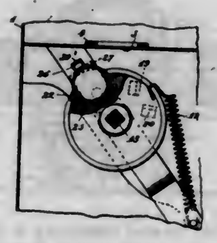
1. In a friction clutch, the combination of a release sleeve, a release yoke having a finger, and a bearing mounted on said finger to engage said sleeve, said bearing being resiliently held in position and automatically adjustable relative to the finger.

1,626,428. LUBRICATOR FOR RAILWAY JOURNAL BOXES. CHARLES B. ROYAL, Chicago, Ill. Filed Aug. 21, 1926. Serial No. 130,618. 13 Claims. (Cl. 308—88.)

1. In a lubricator for railway journal boxes, an oil reservoir adapted to pass into and out of a journal box with the journal in place therein, an oil transmitting pad adapted to contact the underside of the journal and secured to said reservoir so as to close the top of the same, a spring means for yieldably pressing said reservoir upwardly, and yieldable means within the reservoir for pressing said pad into contact with the underside of the journal.

1,626,429. VENDING MACHINE. FREDERICK RUOFF, Irvington, N. J., assignor to H. N. Smith, New York, N. Y. Filed May 20, 1926. Serial No. 110,499. 2 Claims. (Cl. 194—63.)





1. In a vending machine a coin control mechanism including a stationary bar, a sliding catch formed with a projection extending through said bar, a pair of rotatable disks, one disk having a coin guiding flange, the second mentioned disk having a coin receiving notch, means for supporting the coin in said notch so that it will project beyond the disk, the first mentioned disk having an abutment adapted to strike the sliding catch when the disk is rotated, said notch being so positioned that when a coin of the proper size is positioned therein the coin will act as a cam for moving said catch out of the way of said abutment and permit the disk to rotate, manually actuated means for moving the disks in one direction, and spring means for moving the disks in the opposite direction.

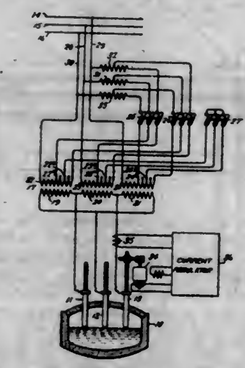
1,626,430. ELLIPSOGRAPH. ALLEN CAMPELL SANDERS, Erie, Pa. Filed May 25, 1925. Serial No. 32,679. 9 Claims. (Cl. 33—30.)

2. An instrument of the character described comprising a non-revoluble pivot leg, a drawing leg having a scriber, means carrying the drawing leg and being revoluble in a plane at right angles to the axis of the pivot leg thereby to describe a circle, and means pivoted on said pivot leg and associated with said revoluble means for rocking said



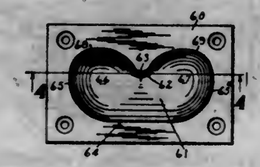
revoluble means in respect to said right angular plane thereby distorting the motion of the drawing leg about the pivot leg to describe an ellipse.

1,626,431. ELECTRIC FURNACE. JOHN A. SEEDE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 24, 1925. Serial No. 77,587. 7 Claims. (Cl. 204—64.)



1. The method of melting and refining metals in an electrode furnace which consists in regulating the positions of the electrodes to maintain predetermined currents of different values while applying a high voltage during the initial stage of the melting down period, an intermediate lower voltage to complete the melting down period, and a low voltage for the refining period.

1,626,432. STRIKE PLATE. JOHN H. SHAW, New Haven, Conn., assignor to Sargent & Company, New Haven, Conn. Original application filed Aug. 29, 1923, Serial No. 659,956. Divided and this application filed Apr. 8, 1926. Serial No. 100,543. 6 Claims. (Cl. 292—340.)



1. A strike plate having a strike opening therein constituted by an upwardly facing recess, said recess having

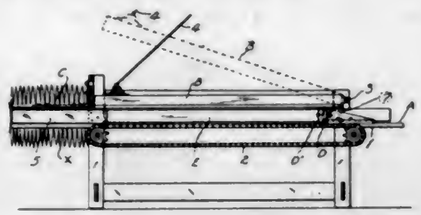
a closed periphery whereby it is entirely surrounded by a part of the body of the plate, and an abutment projecting into the said recess from one edge thereof, the latter extending on three sides of the abutment.

1,626,433. HEADBAND. RAYMOND K. SINER, Philadelphia, Pa., assignor to North American Lace Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed June 8, 1925. Serial No. 35,627. 1 Claim. (Cl. 132—46.)



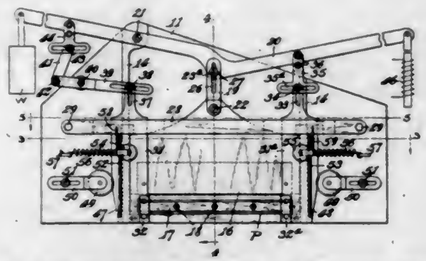
As a new article of manufacture, a head band made of elastic fabric, having a V-shaped incision at each end, the two edges opening at the incision being stitched together so as to form a single ply; a fastening device at each end of the band for securing the ends together when said band is used.

1,626,434. MATTRESS-FILLING MACHINE. HUBERT C. SMITH, St. Louis, Mo. Filed Nov. 27, 1925. Serial No. 71,689. 2 Claims. (Cl. 226—45.)



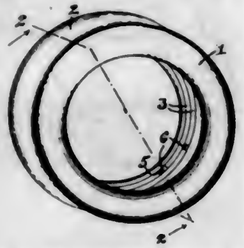
1. A mattress filling machine, comprising a bed adapted to receive material which is to be used to fill a mattress tick, means for compressing or compacting said material, a discharge spout that is adapted to be inserted in the open end of said tick, a means for introducing the material into said tick, a removable dividing bar adapted to be arranged on said bed so as to divide the bed into two zones, and spout members on said dividing bar arranged in spaced relation and adapted to be positioned in said spout so as to divide the interior of same into two portions.

1,626,435. SCRAPER FOR ROLLED PLATES. DANIEL T. SPRING and SAMUEL E. SPRING, Wheeling, W. Va., assignors of two-thirds to Henry D. Scott, Wheeling, W. Va. Filed Aug. 10, 1926. Serial No. 128,498. 10 Claims. (Cl. 29—81.)



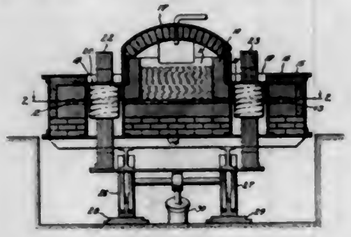
5. A scraper apparatus comprising a supporting plate, a scraper, guides for said scraper, an actuating lever pivotally connected to said plate, and connections between said guides and said lever on opposite sides of said pivotal connection of the lever of the plate, said connections comprising means whereby movement of said actuating lever will actuate movement of both of said guides in the same direction.

1,626,436. ASBESTOS CROWN-TYPE PACKING. ELMER E. SWITZER, Beaumont, Tex. Filed Jan. 26, 1926. Serial No. 83,910. 3 Claims. (Cl. 288—1.)



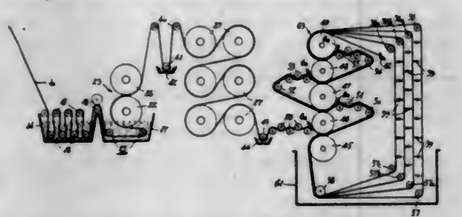
1. In a device of the class described, the combination of a circular asbestos body, rings embedded in said body and having their inner faces contacting throughout their length, each ring comprising segments curved throughout their length, and portions of said asbestos body between the contiguous ends of the segments in each ring.

1,626,437. INDUCTION FURNACE. MAGNUS UNGER, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Dec. 31, 1925. Serial No. 78,668. 7 Claims. (Cl. 204—64.)



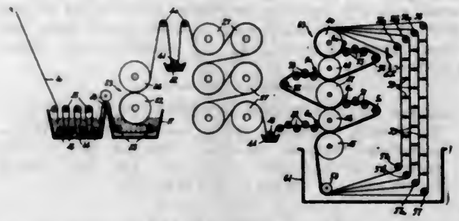
1. An induction furnace comprising a crucible forming a reservoir for the charge and a looped channel communicating therewith at its periphery, and a primary winding for inducing heating currents in a liquid charge in said channel, said channel having a greater cross-sectional dimension in a direction at right angles to its axis to provide for increased circulation of the charge by electromagnetic repulsion.

1,626,438. METHOD OF TREATING TEXTILES. FREDERICK BENEDICT VOEGELI, Easton, Pa. Filed June 11, 1925. Serial No. 36,558. 12 Claims. (Cl. 8—20.)



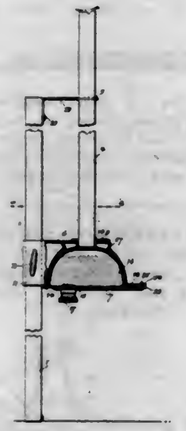
1. The steps in the method of mercerizing textile goods comprising subjecting the goods to hot caustic and cold caustic baths in succession and cooling the goods.

1,626,439. APPARATUS FOR TREATING TEXTILES. FREDERICK B. VOEGELI, Easton, Pa. Original application filed June 11, 1925, Serial No. 36,558. Divided and this application filed Aug. 19, 1925. Serial No. 51,140. 7 Claims. (Cl. 8—20.)



1. An apparatus for treating textile goods including a mangle, stretchers arranged for stretching the goods prior to passing through the mangle, and means for guiding the goods back after leaving the mangle for return through the mangle and stretchers in a plurality of layers.

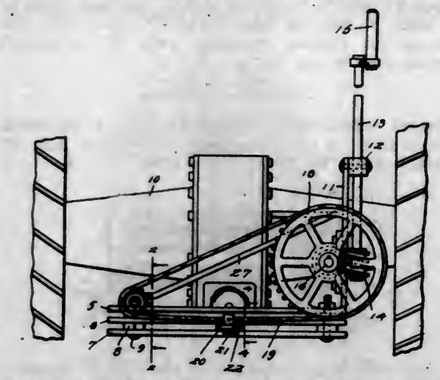
1,626,440. MARKING DEVICE. RUDOLF WASSERMAN, New York, N. Y. Filed June 18, 1926. Serial No. 116,921. 7 Claims. (Cl. 33—9.)



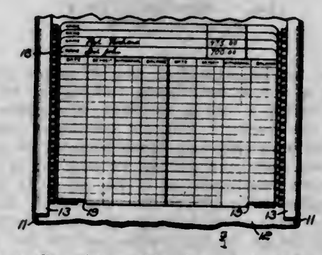
1. A marking device, including a scale bar, a receptacle adjustably secured on the scale bar and adapted to contain powder, said receptacle having an outlet therefrom, an inverted resilient cup in the receptacle and means for compressing the cup to discharge the powder.

1,626,441. TRACTOR HITCH. JOHN C. WENNER, Carrollton, Ohio. Filed Aug. 6, 1925. Serial No. 48,614. 1 Claim. (Cl. 280—33.5.)

In a tractor hitch, a plurality of guiding plates in superimposed relation, one of said plates having an upwardly projecting portion forming a standard, a shaft rotatably mounted vertically of the said standard, a worm on said shaft, a shaft rotatably mounted approximately horizontally on said standard, a worm wheel thereon meshing with the aforesaid worm, a sprocket wheel on the said shaft, a draw-bar adapted to be pivotally connected to a tractor and being guided near its outer end with relation to the plates, a block secured to the draw-bar, a chain operating over the aforesaid sprocket wheel connected to the said block, a sprocket sheave, a member on which the said sheave is rotatably mounted, a base carrying said member anchored on one of the aforesaid plates, the said sheave constituting a guide and engaging member for the sprocket chain, and a brace connected to the base and the standard and suitably anchored.

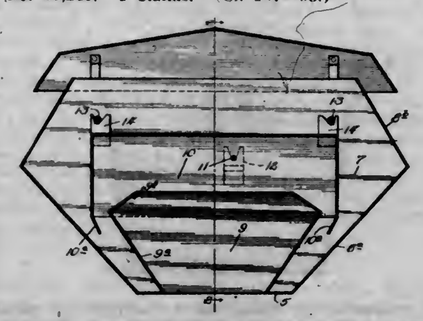


1,626,442. FILING AND INDEXING EQUIPMENT. CHARLES E. ATTWOOD, Wollaston, Mass., assignor to Postindex Company, Inc., Boston, Mass., a Corporation of Massachusetts. Filed Dec. 3, 1925. Serial No. 72,947. 26 Claims. (Cl. 129—16.)



20. In a file, the combination of a series of sheets having overlapping margins, a series of supporting bars associated with said sheets, respectively, a series of signals also supported by said bars, respectively, and a mounting for said bars.

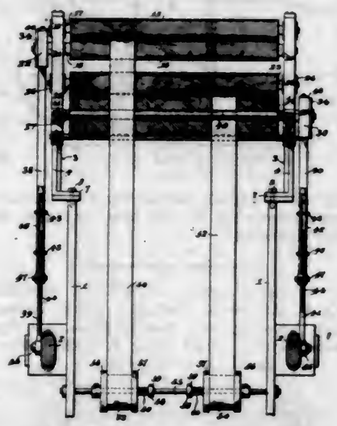
1,626,443. SEAL. HAROLD V. ATWELL, Whiting, Ind., assignor to Standard Oil Company, Whiting, Ind., a Corporation of Indiana. Filed Nov. 2, 1925. Serial No. 66,245. 4 Claims. (Cl. 137—53.)



1. A seal comprising an open conduit member having outwardly diverging walls, a pan surrounding said conduit member and provided also with outwardly diverging

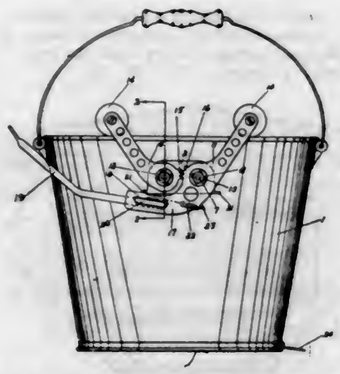
walls, an inverted cup over said conduit member, said cup having its center of area offset from its center of gravity, means for pivotally supporting said cup in alignment with its center of gravity, the lower ends of the walls of said cup being adapted to enter the space between the adjacent diverging walls of the conduit member and the pan.

1,626,444. ATTACHMENT FOR PRINTING PRESSES. WALTER D. BARNES, Lancaster, Pa. Filed Aug. 13, 1926. Serial No. 129,052. 9 Claims. (Cl. 41—7.)



1. A leaf feeding mechanism for use in hot stamping comprising a pair of superposed feed rollers for intermittently feeding a leaf in the form of a ribbon for a portion of its length, a sectional lengthwise adjustable reciprocatory rack bar, and means mounted on one end of said lower roller and engaged by said bar to provide for the intermittent operation of the rollers to feed the leaf, the adjustability of said bar controlling the duration of the drive of said means thereby providing for varying the length of that portion of the leaf fed by the rollers.

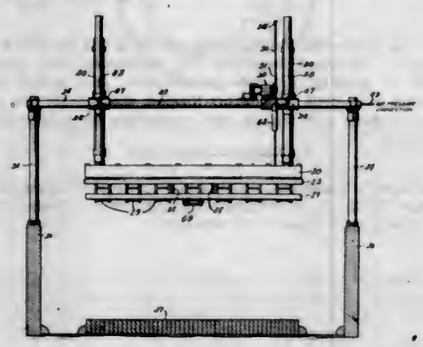
1,626,445. MOP WRINGER. WALTER F. BAZEWICK, Binghamton, N. Y. Filed Aug. 3, 1926. Serial No. 126,875. 5 Claims. (Cl. 15—262.)



1. A mop wringer comprising in combination a vessel, supporting brackets secured thereto, jaws pivoted on said brackets and carrying rollers at their upper ends, means for rocking said jaws on their pivots for bringing said rollers together, comprising an operating member resiliently and removably engaged with said jaws.

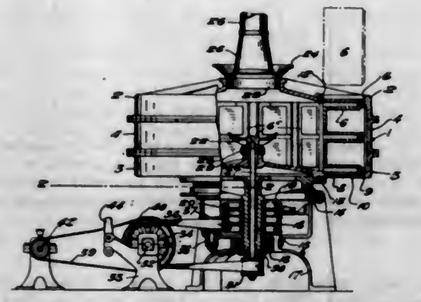
2. A mop wringer comprising in combination a vessel, supporting brackets secured thereto, bearings on said brackets, the inner faces of said brackets and said bearings being curved to conform to the shape of said vessel and both engaging therewith, jaws pivoted on said bearings and carrying rollers at their upper ends, and means engaging said jaws for bringing said rollers together.

1,626,446. MACHINE FOR SETTING TENPINS. JOSEPH W. BISHOP, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill., a Corporation of Delaware. Filed Mar. 18, 1925. Serial No. 16,332. 35 Claims. (Cl. 273—42.)



1. A bowling alley pin setter comprising a vertically movable receiving frame having an upper and a lower deck spaced apart, and a setting frame intermediate of said decks and movable vertically conjointly with and independently of said receiving frame.

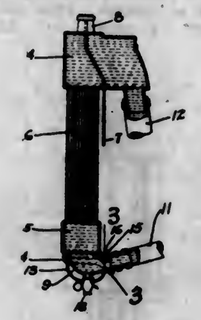
1,626,447. CONCRETE-BLOCK MOLDING AND SETTING MACHINE AND METHOD OF MOLDING. EDWIN FULTON BRAMIN, Balboa Heights, Canal Zone, Panama. Filed Mar. 25, 1926. Serial No. 97,389. 34 Claims. (Cl. 25—41.)



1. The method of molding and setting concrete blocks which comprises revolving a mold for such blocks and concurrently projecting concrete in a path which moves back and forth across the cavity of the mold to charge it with concrete.

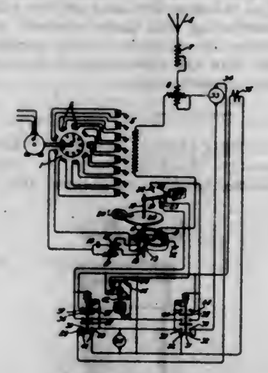
1,626,448. ATTACHMENT FOR GAS-ENGINE COOLING SYSTEMS. EMIL M. BREMER, Glenville, Minn. Filed Jan. 21, 1925. Serial No. 3,819. 3 Claims. (Cl. 137—72.)

1. In combination with a radiator, including an overflow pipe and outlet connection, a bulging, flexible pendant jacket surrounding and detachably secured along its upper periphery only to the connection and forming a



steam chamber therebeneath, said jacket having a flexible conduit connected with the overflow pipe, and having a discharge opening at its lowermost point.

1,626,449. AUTOMATIC ANTENNA REGULATION. WILLIAM W. BROWN, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 29, 1925. Serial No. 78,201. 12 Claims. (Cl. 250—17.)



1. In combination, an antenna, means including a relay for maintaining the tuning of the antenna substantially constant, said relay including a field winding and an armature cooperating therewith, said armature having a plurality of windings, means for supply currents having a substantially constant frequency, but differing in phase, to said armature windings, and means for supplying to said field winding a current having a phase relation to the other currents which varies with variations in the capacity of the antenna.

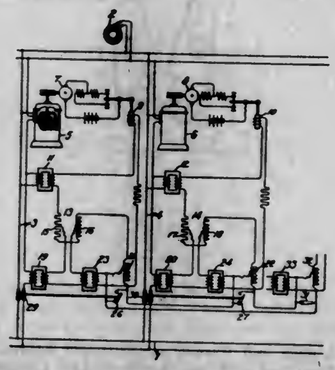
1,626,450. BURIAL GARMENT. JOHN W. CANNON, Birmingham, Ala. Filed Sept. 15, 1925. Serial No. 56,502. 2 Claims. (Cl. 2—64.)

1. In a burial garment, a coat element formed of two sections, each consisting of a half collar having an inner and an outer fold, a front formed with a lapel providing a continuation of the outer fold of the half collar, a back, a sleeve and a shoulder, said front, shoulder and back forming continuations of the inner fold of the half collar, flexible means secured to one face and extending from the free end of the half collar for connecting one section to the other, a fastener element secured to the inner face of the inner fold of the half collar near the free end of such fold for securing a section against the rear face of the back of the collar of a vest, and a fastener member arranged on the inner face of the front in



proximity to the point of mergence of the inner fold of the half collar with the front for securing the latter to one side of the upper portion of the front of the vest.

1,626,451. SYSTEM OF ELECTRIC DISTRIBUTION. FRANKLIN J. CHAMPLIN, Dalton, Mass., assignor to General Electric Company, a Corporation of New York. Filed July 6, 1925. Serial No. 41,595. 6 Claims. (Cl. 171—119.)

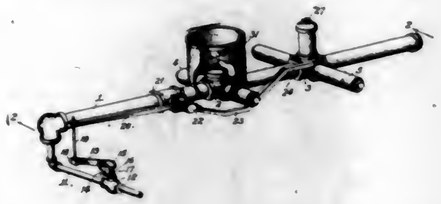


1. In a system of electric distribution, a source of alternating current, a distribution circuit, a plurality of parallel feeders connecting said source to said distribution circuit, voltage modifying means associated with each feeder for controlling the voltage impressed on said distribution circuit, a voltage responsive device associated with each feeder for controlling the associated voltage modifying means, a circuit for each voltage responsive device, transforming means associated with each feeder, each transforming means having a primary winding connected so that the current therein varies with the current in the associated feeder, and an impedance connected directly across a secondary winding of each of said transforming means and connected in the circuit of the associated voltage responsive device, said secondary windings of said transformers being connected together for circulating currents.

1,626,452. CAN STEAMER. JOSEPH COOK, Chicago, Ill., assignor to Blue Valley Creamery Company, Chicago, Ill., a Corporation of Delaware. Filed Sept. 24, 1925. Serial No. 58,464. 3 Claims. (Cl. 141—7.)

1. Can steaming means comprising a pipe for removable support upon a receptacle, said pipe being provided with an upwardly directed nozzle and a lateral pipe com-

municating with the first-named pipe to form a support for a receptacle, a pipe extending into the first-named pipe and connected with a source of steam, and a system



of pivoted connected levers connecting said valve and actuated by the weight of said last named receptacle for opening and closing said valve.

1,626,453. PIPE WRENCH. FLOYD COX, Sheridan, Wyo., assignor of one-fifth to Earnest W. Swan, Sheridan, Wyo. Filed July 12, 1926. Serial No. 121,989. 2 Claims. (Cl. 81—179.)

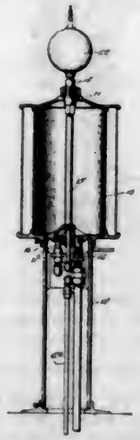


1. An open end wrench comprising a handle provided at its front end with two flat forwardly projecting arms having straight forwardly diverging inner edges, one of said arms having a slot parallel with said inner edge thereof, two substantially duplicate toothed jaws contacting with said inner edges of said arms and each having parallel side flanges contacting with opposite sides of said arms, a fastener passing through the side flanges of one jaw and through the slot of said one arm to slidably connect said one arm and jaw, another fastener passing through the side flanges of the other jaw and through the intervening arm to secure them together, and a coiled compression spring confined in said slot by the flanges of said one jaw, said spring engaging the rear end of the slot and the first named fastener to normally move said one jaw forwardly to its extreme position.

1,626,454. MANUFACTURE OF ARTIFICIAL SILK AND THE LIKE FROM VISCOSE SOLUTIONS. WILLIAM PORTER DREAPER, London, England. Filed Apr. 18, 1925, Serial No. 24,268, and in Great Britain May 2, 1924. 4 Claims. (Cl. 18—54.)

1. In the manufacture of finer denier artificial filaments from viscose solutions, the extrusion of the solution from the spinning jet into an acid-salt precipitating bath containing not less than four per cent and not more than ten per cent of a zinc salt and substantially twenty-one per cent of sodium sulphate.

1,626,455. SUCTION-OPERATED LIQUID-DISPLACING APPARATUS. HERMAN J. ENGBRECHT, Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind., a Corporation of Indiana. Filed May 11, 1925. Serial No. 29,477. 9 Claims. (Cl. 221—80.)



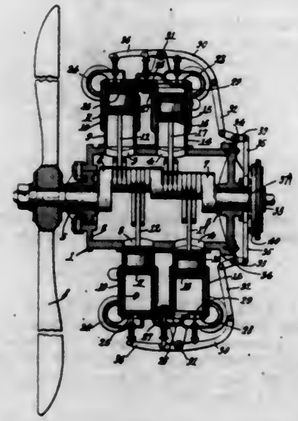
1. In a liquid displacing apparatus, the combination of a receptacle for receiving the liquid, means for producing flow of liquid to the receptacle and involving in its operation the exhausting of fluid under pressure, a fluid-pressure-driven motor associated with said receptacle and in communication with the exhausting fluid, and a display device actuated by said motor.

1,626,456. LUBRICATING SYSTEM. ERNEST HAYWARD FAIRBANKS, Merchantville, N. J. Filed Jan. 31, 1927. Serial No. 164,994. 15 Claims. (Cl. 221—47.4.)



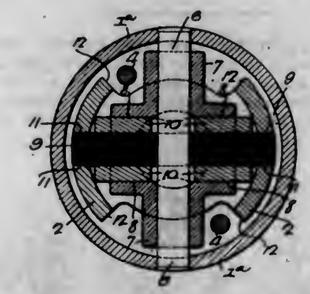
1. In a lubricating system, the combination of means for supplying lubricant under pressure having a discharge outlet, a coupling connected with said discharge outlet, a valve seat in said coupling, having a throat leading therefrom, an automatic downwardly seating valve also in said coupling, a horizontally disposed sealing chamber wider than said throat and positioned below said valve, a horizontally disposed sealing member in said chamber having a central port therethrough, and an expansion chamber closed at its outer periphery and open to pressure from said lubricant supplying means from within said coupling, and a stem depending from said valve in alignment with the port in said sealing member and having its lower end positioned in said port, and disconnected from said sealing disk, whereby the latter is prevented from dislodgement.

1,626,457. ENGINE. NEWTON F. FONER, Pittsburgh, Pa. Filed Aug. 20, 1925. Serial No. 51,419. 8 Claims. (Cl. 123—55.)



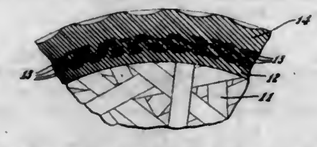
1. An internal combustion engine comprising a compression cylinder and a combustion cylinder, a transfer valve controlling the flow from the compression cylinder to the combustion cylinder, an intake valve controlling the flow to the compression cylinder, an exhaust valve controlling the flow from the combustion cylinder, pistons operating in the cylinders, a crank shaft, pitmans connecting the pistons with the crank shaft, means for operating one of the valves, and means for operating the other two of the valves, both of said means being operated independently, but in properly timed relation, by the crank shaft.

1,626,458. FLEXIBLE COUPLING. WILLIAM J. FRANCKE, New Brunswick, N. J., assignor, by mesne assignments, to John Waldron Corporation, New Brunswick, N. J., a Corporation of New Jersey. Filed Oct. 21, 1922. Serial No. 595,982. 1 Claim. (Cl. 64—26.)



A flexible coupling comprising a pair of coupling members adapted respectively to be attached to the adjacent ends of two shafts, one of said members having aligned slots extending in an axial direction, a cylindrical pin extending transversely across the other of said members, an element journaled on the pin and having a through cylindrical opening transverse to the pin axis, a flat flexible element extending through the said opening and having a central aperture for passage of the pin, the ends of said flexible element entering the slots on the coupling member first named, and keepers on opposite sides of the flexible element, having curved outer faces conforming with the cylindrical opening and neatly fitted to the latter.

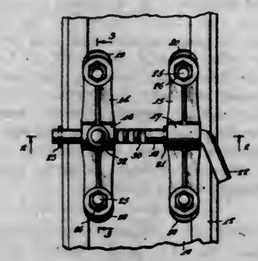
1,626,459. GOLF BALL AND METHOD OF MAKING THE SAME. WILLIAM C. GEER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Mar. 5, 1924. Serial No. 696,997. 7 Claims. (Cl. 154—17.)



4. The method of making a golf ball which comprises enclosing a wrapped center in a layer of cover material, so winding a thread thereon as to provide interstices between the adjacent turns of the winding, enclosing the structure thus formed in a tough outer layer of cover material, and by heat and pressure uniting the two layers of cover material through the interstices of the intervening thread winding.

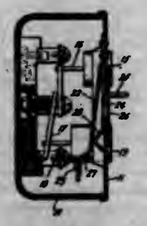
7. A golf ball comprising a core, a tense rubber winding thereon, a tough, molded, outer cover and a softer inner cover on said winding and a winding of rubber thread completely imbedded in said inner cover.

1,626,460. TIRE SPREADER. VERNON R. GOELLER, Boonton, N. J. Filed Nov. 12, 1926. Serial No. 148,046. 7 Claims. (Cl. 152—27.)



1. A tire spreading tool including a spindle, a pair of parallel arms mounted for relative sliding movement toward or away from each other on the spindle, tire bead engaging means carried by the arms, and means for automatically locking the arms against relative advance as they are forcibly separated against the action of a tire to be expanded.

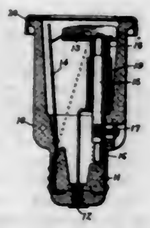
1,626,461. PUSH-BUTTON SWITCH. ROBERT W. GOFF, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 9, 1924. Serial No. 754,851. 4 Claims. (Cl. 200—159.)



1. A push button switch having a casing, a movable switch member within the casing, the said switch member being biased to one position, a push button projecting from said casing for operating the switch member to a second position against the bias thereof, a resilient member secured within said casing and arranged to hold said switch member in the second position thereof and nor-

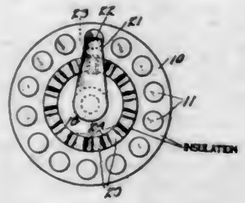
mally biased out of cooperative relation therewith, and an operating member for forcing the said resilient member against the bias thereof into holding relation with said switch member, the said operative member being yieldingly held within the casing by said resilient member and having a portion thereof extending from the casing for operating the same.

1,626,462. ELECTRIC CUT-OUT. CHESTER I. HALL, Fort Wayne, Ind., assignor to General Electric Company, a Corporation of New York. Filed Aug. 8, 1924. Serial No. 730,984. 2 Claims. (Cl. 200—122.)



1. A thermal electric cut-out comprising an enclosing base, a pair of terminals secured to said base, a support of heat conducting material mounted within said base, a movable bi-metallic thermal responsive element having one end secured to said support and electrically connected to one of said terminals to be heated in accordance with the current in the circuit controlled by the cut-out, a spring contact secured to said base and electrically connected to the other of said terminals, said contact being arranged to be flexed into latching engagement with the free end of said element to complete a circuit between said terminals, and an electrical heater connected in said circuit for heating said support to supply heat to said thermal responsive element and thereby cause the free end of said thermal element to move and thereby release said spring contact member.

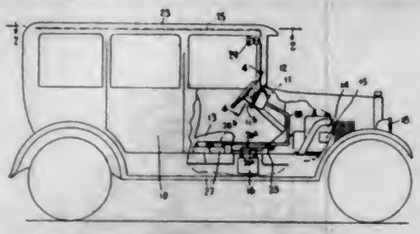
1,626,463. SWITCH. JESSE F. HARRINGTON, Memphis, Tenn. Filed Dec. 31, 1923. Serial No. 683,757. 2 Claims. (Cl. 200—11.)



1. A switch comprising a disk of insulating material having an integrally formed annular extension at one side said extension being provided with a corrugated end surface, contacts located around the periphery of said disk outwardly of said corrugated extension, a shaft extending through said disk concentrically of said extension, an arm on said shaft extending across said extension and having its outer end inturned for engagement with said contacts; said arm having its under portion directly engaging the corrugations on the extension to cause the arm to ride up or down as the inturned end portion passes from one contact to another substantially as set forth.

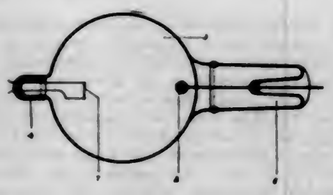
1,626,464. PORTABLE RADIO APPARATUS. WILLIAM M. HEINA, Bronx, N. Y., assignor to Heina Radio Corporation, a Corporation of New York. Filed Sept. 16, 1926. Serial No. 135,823. 8 Claims. (Cl. 250—14.)

1. In a portable radio device, the combination with the dashboard of a motor vehicle of a casing extending behind the dashboard and spaced a substantial distance from the floor-board of the vehicle, and a radio apparatus



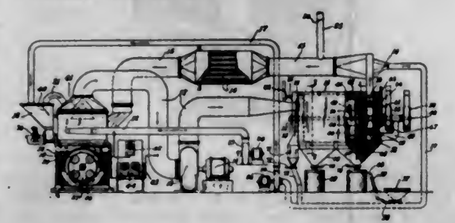
housed in said casing having its control members extending therefrom through said dashboard to the front thereof.

1,626,465. X-RAY TUBE. GILLES HOLST and ALBERT BOUWERS, Eindhoven, Netherlands, assignors to Naamloose Vennootschap Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Filed Nov. 6, 1923. Serial No. 673,166, and in the Netherlands Dec. 6, 1922. 12 Claims. (Cl. 250—35.)



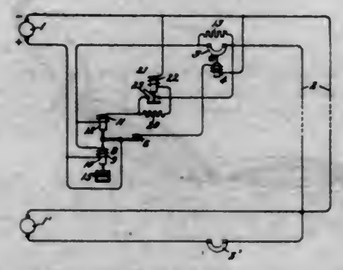
1. An X-ray tube comprising a cathode within a high vacuum vessel, said vessel consisting partly of metallic material and forming a part of the envelope of the tube, an anticathode insulated from said vessel by an insulation capable of resisting the operating voltage between the cathode and the anticathode, the metal vessel having a portion adjacent the anticathode so shaped and arranged relatively to the anticathode that the cathode-rays are caused to strike only a limited surface of the anticathode.

1,626,466. GRINDING AND SEPARATING APPARATUS. WILLIAM C. HOOVER, ROY D. FRITZ, and EDWARD FRANK CAHILL, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Nov. 21, 1923. Serial No. 676,074. 7 Claims. (Cl. 18—2.)



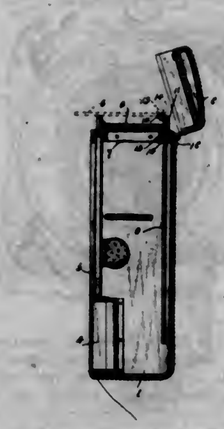
1. Grinding and separating apparatus comprising an enclosed mill, a conduit leading from the enclosure of said mill and adapted to conduct therefrom a gaseous current charged with ground material, a chamber into which said conduit discharges, a rotary screen mounted in said chamber in position to receive said current from said conduit, and means for impelling the gaseous current through the mill, conduit and chamber said screen having an open end adjacent said conduit to receive the current therefrom, the opposite end of the screen being substantially closed, and said screen being internally provided with means adapted to cause coarser particles of the material to progress toward said open end as the screen is rotated.

1,626,467. AUTOMATIC RECLOSING-CIRCUIT-BREAKER SYSTEM. BENJAMIN W. JONES, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 20, 1921. Serial No. 523,768. 19 Claims. (Cl. 175—294.)



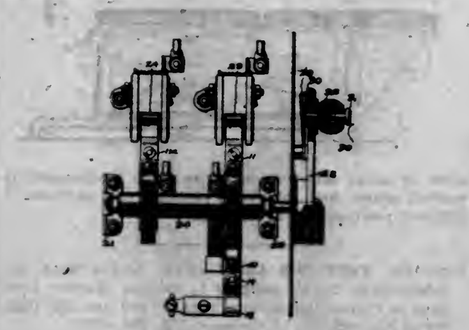
1. In an automatic reclosing circuit breaker system, the combination with a supply circuit, a load circuit connected to said supply circuit, a circuit breaker adapted to control the connection between said supply circuit and said load circuit, and closing means for said circuit breaker, of means controlled by the difference between the voltages across said two circuits when said circuit breaker is open for controlling the said closing means, and means arranged to be affected by a condition of said load circuit for determining the predetermined voltage difference at which said last mentioned means responds to effect the energization of said closing coil.

1,626,468. IRONING-BOARD ATTACHMENT FOR WARDROBE TRUNKS. GEORGE D. JONES, Petersburg, Va. Filed May 2, 1923, Serial No. 636,150. Renewed Mar. 5, 1926. 6 Claims. (Cl. 190—13.)



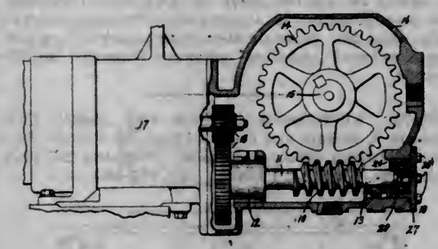
1. In a wardrobe trunk having a clothes section having a hinged top, an ironing board adapted to be placed in storage position within the trunk when not required for service and adapted when adjusted for service to extend across the top of the clothes section and supported thereby, and means for rigidly securing the rear end of the ironing board to the clothes section in either of the two mentioned positions.

1,626,469. ELECTRIC SWITCH. GEORGE S. LEDDICK, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Jan. 2, 1923. Serial No. 610,097. 4 Claims. (Cl. 200—5.)



1. The combination in an electric switch of two relatively movable switch members, means for biasing the first of the switch members to the closed position, a pivotal support for the second switch member, and a cam connected with the second switch member for holding the first switch member in the open position, releasing the same to close when the second switch member is moved toward a predetermined position, and then opening the first switch member before the second switch member reaches the said predetermined position.

1,626,470. THRUST BEARING. SAM H. LIBBY, East Orange, N. J., assignor to General Electric Company, a Corporation of New York. Filed Sept. 22, 1923. Serial No. 664,327. 1 Claim. (Cl. 308—233.)

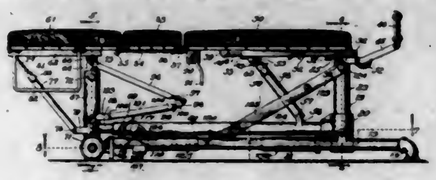


A plug thrust bearing unit comprising a pair of coaxial rings of substantially rectangular cross section, each having a circular race in a radial surface and in opposing relation, a plurality of balls between said race rings, a plug having a cylindrical chamber to receive said rings and balls, removable means for retaining said rings and balls in said chamber, said plug having a thrust receiving boss in the bottom of said chamber of circular form and of a mean diameter substantially the same as that of the said races, and said plug being provided with means for securing the plug in an aperture to sustain the end thrust of a revolving shaft through the said boss, race rings and balls.

1,626,471. TREATING TABLE. OTIS A. MILLER, Davenport, Iowa, assignor to A. G. Bush, Davenport, Iowa. Filed Mar. 12, 1921. Serial No. 451,681. 28 Claims. (Cl. 128—73.)

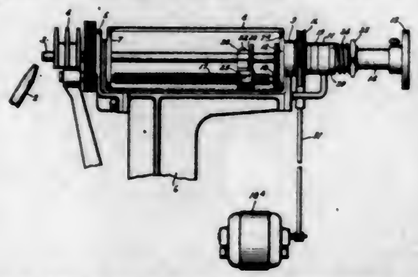
1. A table comprising a base member, a second member supported thereon to be movable in a substantially vertical plane into and out of a substantially horizontal

position, a table-top formed of sections, posts carrying said sections and vertically movable on said second member, said sections being pivoted respectively to said



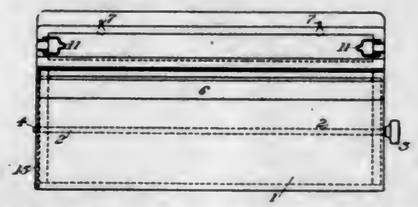
posts to adapt said sections to swing in a substantially vertical plane, and means for holding said sections in adjusted positions about their pivots.

1,626,472. FEED FOR ARC LAMPS. PETER MOLE, Jr., Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Apr. 30, 1923. Serial No. 635,543. 5 Claims. (Cl. 176—66.)



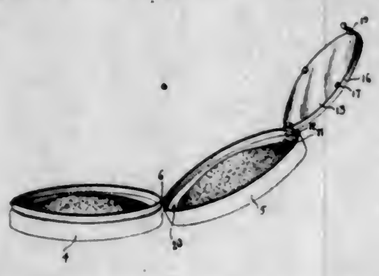
1. In an arc lamp an electrode, a main gear having its axis coincident with the axis of the electrode and a satellite gear in engagement with the main gear, a motor for driving the satellite about its axis to feed the electrode longitudinally and at the same time about the axis of the main gear to rotate the electrode, whereby a continuous rotation and feed motion is imparted to the electrode.

1,626,473. RECORDING DEVICE FOR FARM USE. GEORGE A. MORRIS and CHARLES SPENCER PALLOT, Port Haney British Columbia, Canada. Filed Aug. 23, 1926. Serial No. 130,978. 1 Claim. (Cl. 281—6.)



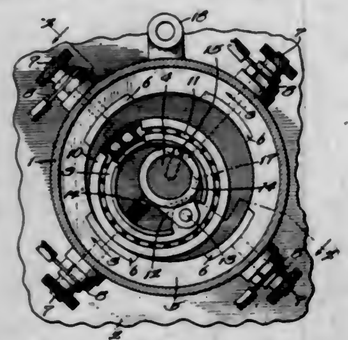
In a farmer's recording device consisting of a record carrying cylinder revolvable in a casing on which is fixed a partial and corresponding record the combination comprising, a semicircular front on the said casing, the said front being divided horizontally by a hinge on a horizontal plane passing through the axis of the same semicircle, the upper part of said front forming a movable quadrant, the said quadrant carrying a flat tangential member adapted to act as a wrist support, the rearward top of said casing being hinged to the casing along its rear edge and also hinged intermediately and parallel to the rear edge so that the front portion may be folded to assume a nearly vertical position and to then act as a card holder, the two said hinge members being adapted to open out sufficiently to permit the said cylinder to be removed from the said casing, a flange on one end of said cylinder, notches on the periphery of said flange, a downwardly projecting pin on the under side of said wrist support and adapted to engage one of said notches by pressure of said wrist.

1,626,474. DOUBLE-SWINGING-MIRROR COMPACT CASE. SIMON MORRISON, Brooklyn, N. Y. Filed Nov. 23, 1922. Serial No. 602,678. 1 Claim. (Cl. 132—83.)



A vanity case comprising a body for receiving a toilet compact, a lid hinged to said body and having a ring for receiving and retaining a toilet compact, a double-faced mirror pivotally supported on said ring and a fastening element at the opposite side of the mirror from its supporting pivot adapted to project through said ring and hold the mirror in closed position, said mirror being adapted to swing at an angle to the swing of the other of said members and adapted to form a closure for the lid being adapted to fold over the bottom so that access may be had to the contents of the lid at the time the mirror is used, substantially as set forth.

1,626,475. TIMING SWITCH. JOHN H. NELSON, Chicago, Ill., assignor, by mesne assignments, to Ecco Manufacturing Company. Filed Mar. 10, 1920. Serial No. 364,690. 4 Claims. (Cl. 200—26.)

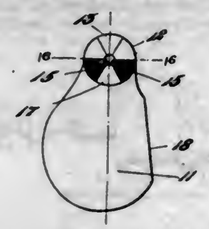


2. A device of the class described, constructed as set forth in claim 1, and further characterized by the fact that the spring is of helical form the collar and the inner race having studs which receive the ends of the spring.

1,626,476. GOLF-CLUB SHAFT. GILBERT E. NICHOLLS, Edgewood, R. I., assignor to The Swingrite Co., Inc., Providence, R. I., a Corporation of Rhode Island. Filed Mar. 11, 1927. Serial No. 174,469. 5 Claims. (Cl. 273—80.)

1. A shaft for golf clubs comprising a plurality of sections of wood of two different degrees of resiliency

cemented together, all of those sections to the rear of the transverse axis through the shaft being of the wood of relatively greater resiliency and a portion of those sec-



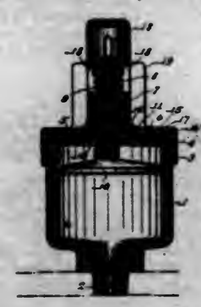
tions forward of said transverse axis being of relatively less resiliency, the sections of said two different woods having adjacent surfaces in planes passing substantially thru the axis of the shaft.

1,626,477. GOLF-CLUB SHAFT. GILBERT E. NICHOLLS, Edgewood, R. I., assignor to The Swingrite Co., Providence, R. I., a Corporation of Rhode Island. Filed Mar. 11, 1927. Serial No. 174,470. 4 Claims. (Cl. 273—80.)



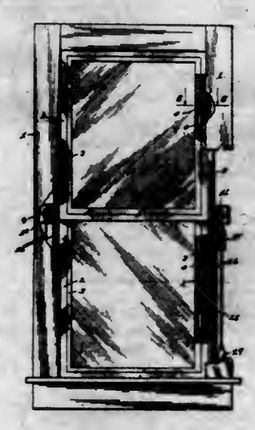
1. A shaft for golf clubs comprising a plurality of sections of bamboo and a single section of wood of a different texture all cemented together, the said single section being positioned on the front center line of the shaft, the sections of said two different woods having adjacent surfaces in planes passing substantially thru the axis of the shaft.

1,626,478. LUBRICATING APPARATUS. WILLIAM R. E. NORSE, New York, N. Y. Filed Oct. 23, 1926. Serial No. 143,650. 5 Claims. (Cl. 184—38.)



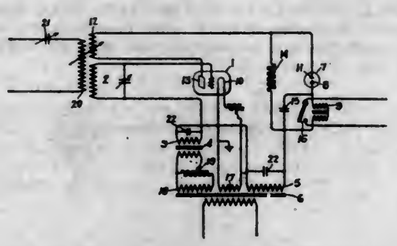
1. A lubricating apparatus, including a receptacle, a removable cap on the receptacle, a screw threaded plunger rod mounted to move through the cap and held by the cap against rotary movement, a plunger connected to the rod within the cup, and an internally screw threaded bonnet engaging the plunger rod and coupled to turn on the cap.

1,626,479. WINDOW. VITTORIO PASTRENGO, San Francisco, Calif. Filed Dec. 10, 1924. Serial No. 755,003. 2 Claims. (Cl. 16—195.)



1. A counterbalancing means for window sashes comprising racks mounted upon the outer sides of upper and lower sashes slidably mounted within a casement; gears mounted within the casement in meshing relation with the racks; sprockets mounted in connection with the gears; chains mounted over said sprockets, said chains having their ends hanging freely within the casement; and counterweights mounted upon one end of each chain to counterbalance the sashes within the casement.

1,626,480. AMPLIFYING SYSTEM. LUCIUS J. PERKINS, Los Angeles, Calif., assignor to General Electric Company, a Corporation of New York. Filed Nov. 10, 1924. Serial No. 748,874. 18 Claims. (Cl. 179—171.)

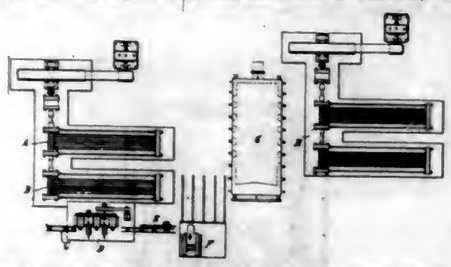


I. The combination in an amplifying system of a three-electrode electron discharge device having plate and grid circuits, means for supplying an alternating potential to both of said circuits, a rectifying device included in the plate circuit which is non-conducting until the voltage supplied thereto exceeds a predetermined value, and means for automatically varying said voltage to render the rectifier conducting.

1,626,481. METHOD OF ROLLING TUBES. JULIUS ROEDER and WILHELM WELLMANN, Witten, Germany. Filed Jan. 11, 1927, Serial No. 160,483, and in Germany Jan. 7, 1926. 1 Claim. (Cl. 80—62.)

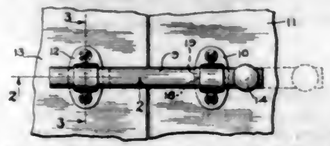
A process for rolling tubes comprising passing the hollow body to be rolled successively through a blooming mill over a mandrel, through a roughing mill over a man-

drel, through a reducing mill, without employing a mandrel, and through a finishing mill over a mandrel, the



interposition of the reducing mill between the roughing mill and the finishing mill serving to reduce the number of passes required at the finishing mill.

1,626,482. SLIDING BOLT. EDWARD R. SARGENT, New Haven, Conn., assignor to Sargent & Company, New Haven, Conn. Filed June 22, 1921. Serial No. 479,632. 11 Claims. (Cl. 292—145.)



11. A guide for a bolt half round in cross section, comprising a base portion having a semi-circlar loop portion secured thereto to embrace said bolt, and upwardly springing means disposed across each of the open ends of said loop beneath said bolt to engage the flat under surface thereof at two points in its length to urge the bolt into contact with the inner surface of said loop throughout the length thereof, whereby said bolt will be retained in parallel with the plane of said base while being moved through said loop.

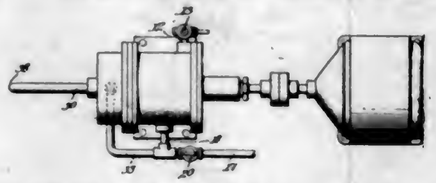
1,626,483. MEANS FOR ELASTICALLY CONNECTING LANDING GEAR TO AIRCRAFT. HUGH OSWALD SHORT, Rochester, England. Filed Jan. 3, 1927. Serial No. 158,671, and in Great Britain Mar. 29, 1926. 7 Claims. (Cl. 244—2.)



1. In apparatus for elastically connecting landing gear to aircraft, in which the lower portion or landing gear moves relatively to the upper portion or main structure of the aircraft; elastic connections comprising torsion members such as metal tubes, means for fixing and preventing from rotation one part of the said torsion members, bearings on one portion of the aircraft for holding the torsion members on the said portion, cranks on the torsion members located adjacent to such bearings, and pivoted connections between the free ends of said cranks and the other portion of the aircraft.

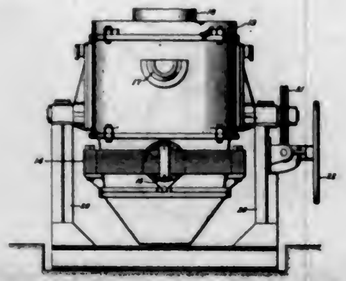
1,626,484. PUMP. WILLIAM J. SMITH, Philadelphia, Pa., assignor to R. James McCaffrey, Philadelphia, Pa. Filed Nov. 24, 1926. Serial No. 150,480. 5 Claims. (Cl. 261—28.)

1. A pump of the kind described comprising an air compression chamber having therein an eccentric rotary piston provided with radially disposed slidable vanes, a compression chamber having therein an eccentric rotary piston provided with slidable radially disposed vanes, a conduit connecting the chambers, an injector having air and oil passages located in the conduit, an oil supply



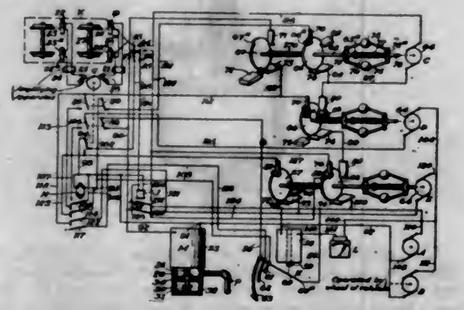
pipe connected to the oil passages, a connection between the air passage and the air compression chamber, and a receiving chamber communicating with the compression chamber, and automatically operated means for withdrawing precipitated oil from the receiving chamber.

1,626,485. INDUCTION FURNACE. MAGNUS UNGER, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Feb. 16, 1921. Serial No. 445,514. 6 Claims. (Cl. 204—64.)



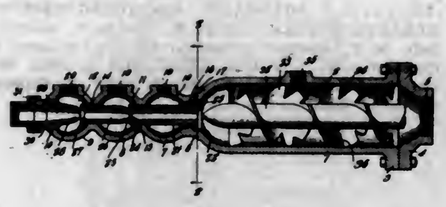
1. An electric induction furnace comprising a furnace body providing a main chamber adapted to contain a pool, a plurality of open looped channels located side by side on a common winding axis communicating at their ends with said chamber and communicating with each other at their bends, and means for inducing a heating current in a charge contained in said channels.

1,626,486. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HERBERT A. WALLACE, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Oct. 20, 1923. Serial No. 669,738. 44 Claims. (Cl. 246—63.)



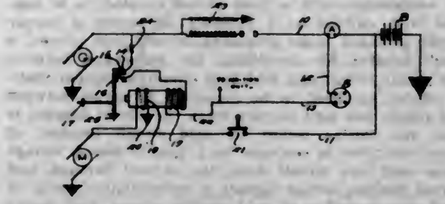
1. In combination on a vehicle, a generator adapted to supply a constant electro-motive force, a second generator adapted to supply an electro-motive force the magnitude of which increases in response to increases in the speed of the vehicle, a plurality of normally closed contacts, means responsive to the difference between the electro-motive forces of said generators for successively opening said contacts as the speed of the vehicle increases, and governing means for the vehicle controlled by said contacts.

1,626,487. EMULSIFIER. DAVID WARREN, Lewiston, Me. Filed Jan. 10, 1924. Serial No. 685,467. 1 Claim. (Cl. 259—4.)



An emulsifier of the class described including a mixing chamber having an inlet and an outlet in the respective ends thereof, a non-rotatable spindle extending longitudinally within said chamber and having a tapered end terminating close to the center of the inlet, a spiral blade fixedly mounted on the spindle and attached to the wall of the mixing chamber to provide a spiral passage extending around the spindle from the inlet to the outlet, there being angular notches in the peripheral portion of the spiral blade, and means for feeding material under pressure through the inlet and against the tapered end of the spindle, said tapered end constituting a spreader for the material.

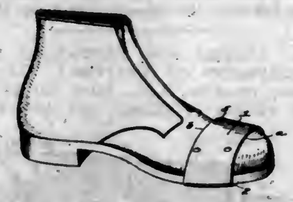
1,626,488. STORAGE-BATTERY SYSTEM. OSCAR CHARLES WIEDERHOLD, Philadelphia, Pa. Filed Sept. 14, 1926. Serial No. 135,473. 6 Claims. (Cl. 290—37.)



1. The combination with the electrical systems of vehicles which include generator and starting motor circuits having a common storage battery, the starting motor circuit being normally open, of means rendered operative only by the closing of the starting motor circuit when the storage battery is substantially fully charged for shunting the storage battery in the generator circuit and means for retaining the operativeness of the first named means when the starting motor circuit is again opened.

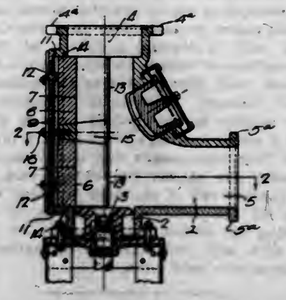
1,626,489. FOOT SHIELD. FRANK JOE WOJCIK, Lowell, Ariz. Filed Aug. 30, 1926. Serial No. 132,592. 4 Claims. (Cl. 36—72.)

1. A foot shield to be worn over the forepart of a shoe comprising an elongated strip bent transversely on an arc forming an arched shield open at its ends, the terminal portions of said strip forming inwardly extending flanges, said shield having bendable means on the ends



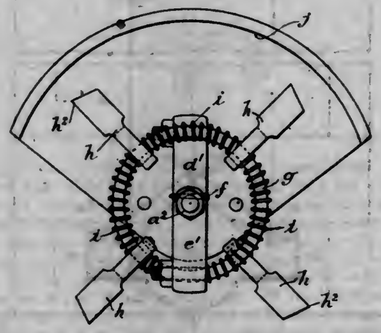
thereof adapted to be extended into the material of the shoe upper for maintaining the same in position with respect thereto.

1,626,490. ASH CONVEYER AND EJECTOR. CHARLES WOTRUBA, Fort Washington, Pa., assignor to Charles L. Bachman and Eugene Hahn, Philadelphia, Pa., composing the Copartnership Victor Engineering Co. Filed Aug. 21, 1922. Serial No. 583,234. 9 Claims. (Cl. 137—75.)



1. A duct having a liner so established therein as to constitute a section of the duct wall, said liner comprising a plurality of sections placed end to end longitudinally of the duct, shoulders on said duct abutting the ends of the liner, and a wedge-shaped key disposed intermediate adjacent ends of the sections and adapted to hold the sections in place between the said shoulders.

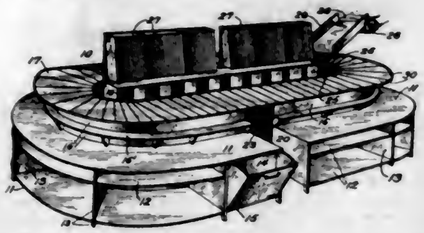
1,626,491. ROTARY TOOL FOR CLEANING, CHIPPING, OR SCALING SURFACES. WILLIAM BRUCE WRIGHT, Custom House, London, England. Filed Oct. 9, 1924, Serial No. 742,733, and in Great Britain Nov. 29, 1923. 3 Claims. (Cl. 15—104.14.)



1. A rotary tool for cleaning surfaces comprising a driving shaft mounted for rotation, a helix secured to

and arranged coaxially of said shaft for rotation therewith, a series of centrifugally acting hammer elements loosely pivotally engaged with said helix and springs interposed between the adjacent hammer elements.

1,626,492. SYSTEM FOR PREPARING PACKAGES FOR SHIPMENT OR DELIVERY. ALEXANDER C. YOUNGSON, Brooklyn, N. Y. Filed July 14, 1926. Serial No. 122,449. 4 Claims. (Cl. 198—19.)

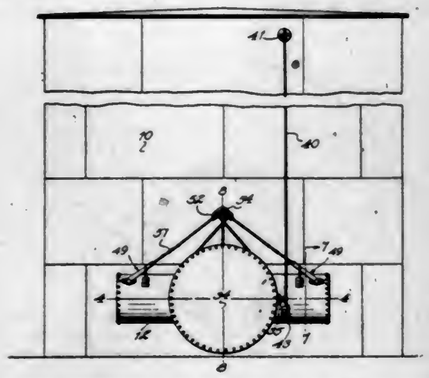


2. In a unit of the class described, a conveyor comprising a continuous track having curves therein, a plurality of overlapping plates, traction means on the underside of said plates movable over said track, and means connecting said plates to facilitate of the different angular positions of the plates when passing the curves in said track, rack bars carried on the underside of said plates and normally disposed in alignment when the plates are moving in the straight portion of said track to provide a continuous rack, each of said rack bars having one of their ends convex and their opposite end concave, whereby the convex end of one rack bar co-acts with the concave end of the next adjacent rack bar for permitting of the relative movements of said plates when passing the curves in said track, and driven gears co-acting with said rack bars for imparting movement to said plates over said track.

1,626,493. ADHESIVE. WILLIAM F. ZIMMERLI, Akron, Ohio, and CARLISLE H. BIBB, New Brunswick, N. J., assignors to Johnson & Johnson, New Brunswick, N. J., a Corporation of New Jersey. Filed Nov. 6, 1924. Serial No. 748,194. 3 Claims. (Cl. 87—17.)

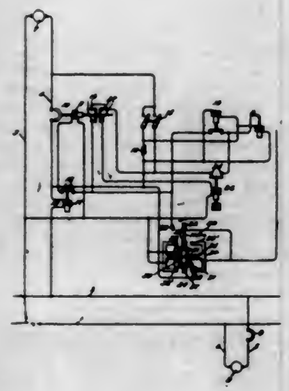
1. A surgical dressing adhesive, consisting of a sterilized rubber latex emulsion containing a stabilizing agent.

1,626,494. OIL-SAVING DEVICE. EARNEST AKERS, CHARLEY C. MIMS, FRED L. MOUTRAY, and LENARD P. MILLER, Huntsville, Tex. Filed Feb. 2, 1924. Serial No. 690,285. 6 Claims. (Cl. 220—89.)



1. The combination with a tank having a discharge opening therein, of a casing secured to the tank over said opening, said casing being provided with an opening to establish communication with the interior of the tank, an outlet for the casing, a plurality of radially disposed pivotally mounted arms operatively associated with the closure for holding the latter in closed position, thermostatically controlled axially movable arm engaging means for closing the discharge opening of the tank, a normally open closure for the casing outlet and thermostatically controlled means for regulating the operation of the last mentioned closure.

1,626,495. AUTOMATIC RECLOSING-CIRCUIT-BREAKER SYSTEM. ARVID E. ANDERSON, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed June 5, 1922, Serial No. 566,601. Renewed May 7, 1925. 14 Claims. (Cl. 175—294.)

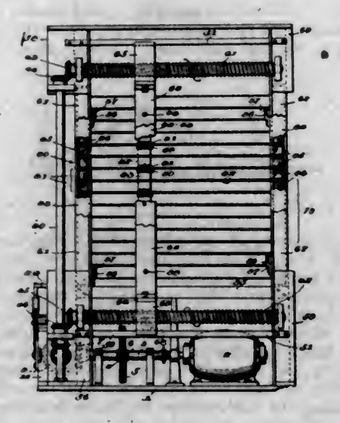


2. In an automatic reclosing circuit breaker system, the combination with a load circuit adapted to be supplied with current at a plurality of points, a supply circuit arranged to be connected to said load circuit, a circuit breaker for controlling the connection between said supply circuit and said load circuit, a current limiting device arranged to be connected in series between said supply and load circuits when the circuit breaker is open, and closing means for said circuit breaker, of means operative in response to a predetermined voltage across said load circuit when the current through said current limiting device exceeds a predetermined value to effect the operation of said closing means, and means operative in response to the current through said current limiting device when said current is less than said first mentioned predetermined value to effect the operation of said closing means.

1,626,496. APPARATUS FOR DISPLAYING CHANGEABLE PICTURES. ALEXANDER ARCHIPENKO, New York, N. Y. Filed June 2, 1925. Serial No. 34,432. 23 Claims. (Cl. 88—16.)

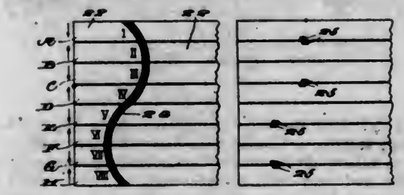
1. In a changeable picture display system, the combination with a supporting frame and driving mechanism therefor, of an interchangeable display unit comprising a plurality of movable aprons and guide supports therefor arranged to guide the aprons a portion at a time through a common picture plane, each apron having a support at the picture plane and one at the opposite end of the apron, and actuating means directly engaging said aprons

for moving the same and located intermediate the length thereof, said guide supports being arranged to be mounted in said supporting frame and said actuating



means being arranged to be coupled to said driving mechanism for transmitting motion from said mechanism to said movable aprons.

1,626,497. METHOD OF DECORATING CHANGEABLE DISPLAY APPARATUS. ALEXANDER ARCHIPENKO, New York, N. Y. Filed July 22, 1925. Serial No. 45,435. 17 Claims. (Cl. 40—32.)



1. The method of decorating the display bands of a machine for displaying changeable pictures, which method comprises decorating while in the machine both of two adjacent bands on a limited portion of each band, and which portion is to be displayed at any one time, then moving into new decorating position the bands a distance slightly less than said limited portion so as to leave visible an undecorated portion and only a remaining end of said decorated portion, and then decorating that new portion of said adjacent bands by adding to said remaining end.

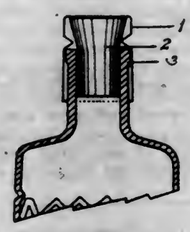
1,626,498. REFLECTOR. PERCY S. BAILEY, Marblehead, Mass., assignor to General Electric Company, a Corporation of New York. Filed Sept. 23, 1924. Serial No. 739,429. 4 Claims. (Cl. 240—104.)

1. A reflector having a pair of surfaces of revolution, each surface produced by rotating a conic about an axis crossing the central axis of the reflector, said surfaces connected on one side by a reflector having a series of corrugations each in the form of a focalizing surface generated about an axis, the axes of such corrugations making each the same angle with the axis of the reflector,



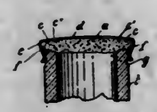
said surfaces being also connected on the opposite side by a reflector having a series of corrugations similar to those on the opposite side, the axes of said last corrugations also making each the same angle with the axis of the reflector.

1,626,499. BOTTLE CLOSURE. CARLOS BENETTI, Barcelona, Spain. Filed May 5, 1925, Serial No. 28,249. and in Spain Mar. 20, 1925. 1 Claim. (Cl. 215—37.)



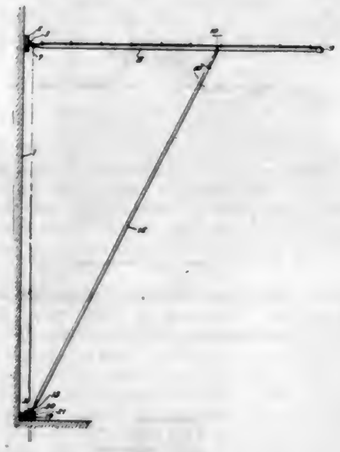
A closure for bottles comprising in combination a ball shaped cover, an annular rib in the upper portion of said cover provided by the pressing of an annular groove into the outer surface of said cover, and a conical stopper of suitable elastic material and held by said annular rib at its top part which is larger than the lower part so that said stopper as well as the bottle neck are protected by said cover from contact with foreign bodies.

1,626,500. CROWN STOPPER. CARLOS BENETTI, Barcelona, Spain. Filed May 5, 1925, Serial No. 28,250, and in Spain Mar. 15, 1925. 1 Claim. (Cl. 215—39.)



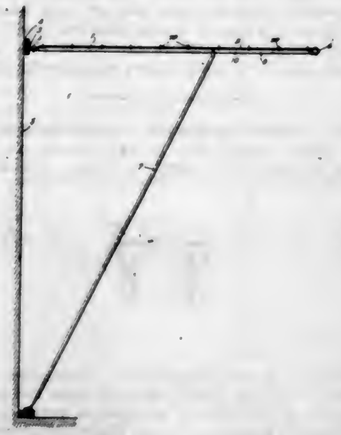
A bottle stopper comprising in combination a plain cork disk of slightly greater diameter than the upper end of the neck of the bottle to be closed, a metal cap having two concentric grooves in its top plate said grooves being in alignment with the outer and inner edges of the bottle neck, respectively and designed to increase the resistance to tension and the pressure exerted on the cork disk at the inner and outer circumference of the bottle neck and inwardly and upwardly directed flaps in the flange of said metal cap said flaps being produced by stamping and designed to securely fix said cork disk in said metal cap

1,626,501. DISPLAY RACK. HARRY SUMNER BEST, Galva, Ill., assignor to John H. Best & Sons, a Firm composed of Charlotte Sumner Best, Don Jewell Best, Leon Henson Best, nad Harry Sumner Best, Galva, Ill. Filed Oct. 18, 1924. Serial No. 744,313. 12 Claims. (Cl. 211—23.)



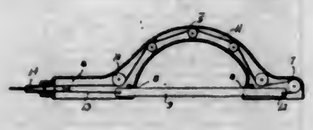
1. In a display rack, the combination of an arm, an extensible brace swiveled at its upper end to the arm, a support, and a swivel and pivot connection between the brace and the support, said pivot lying in a plane in front of the center of said swivel, said brace having its lower end secured adjacent the bottom of said support.

1,626,502. ARM. HARRY SUMNER BEST, Galva, Ill., assignor to John H. Best & Sons, a Firm composed of Charlotte Sumner Best, Don Jewell Best, Leon Henson Best, and Harry Sumner Best, Galva, Ill. Original application filed Oct. 18, 1924, Serial No. 744,313. Divided and this application filed May 25, 1925. Serial No. 32,611. 7 Claims. (Cl. 211—22.)



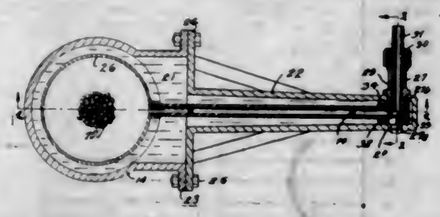
1. A display rack arm in the form of a T and formed of one piece of sheet material, the stem of said T being in the form of a U, the sides of said U being bent outwardly to form the head of said T, and one of said sides being longer than the other and bent upon itself and overlying the said other side and the material at the head between the sides of the U being depressed and in contact with the adjacent bends of the sides of the said U, the lateral portions of the material being in contacting relation with each other.

1,626,503. POWER-OPERATED HANDSAW. FELIX BJORKLUND, Fairport Harbor, Ohio. Filed Oct. 2, 1925. Serial No. 60,104. 3 Claims. (Cl. 143—63.)



3. An apparatus of the character described comprising a casing, a crank shaft journaled therein and having oppositely extending throws, a motor in the casing operatively connected with the crank shaft, a flexible tube extending from the casing, a saw holder associated with the end of the flexible tube, guide pulleys journaled in the saw holder, a pair of flexible elements connected to the throws and passing through the flexible tube, and said flexible elements being associated with the pulleys for reciprocating the saw through the instrumentality of the throws, and means carried by said saw holder for controlling the operation of the saw.

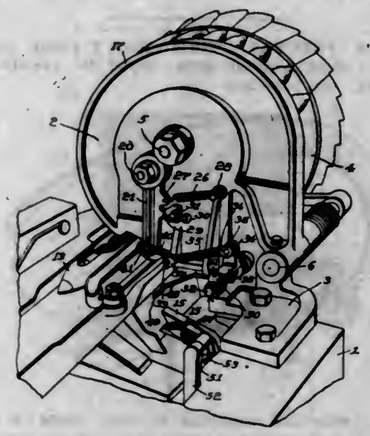
1,626,504. FLOAT CONTROL DEVICE. LYLE W. BROWNE, Marshalltown, Iowa, assignor to The Fisher Governor Company, Marshalltown, Iowa. Filed Jan. 21, 1925. Serial No. 3,766. 1 Claim. (Cl. 137—104.)



In a device of the class described, a float cage, a hollow float therein, a tubular float arm connected with said float, a hollow pivot member supported on the wall of the cage and projecting therethrough at right angles to the said arm having its interior arranged in communication with the interior of said arm, and means for connecting said pivot member at a point outside the cage with an operative mechanism, such as a valve, said last means including a fitting mounted on the outer end of said pivot member for closing the end thereof, means for fixing said fitting on the pivot member, and an arm mounted on said fitting.

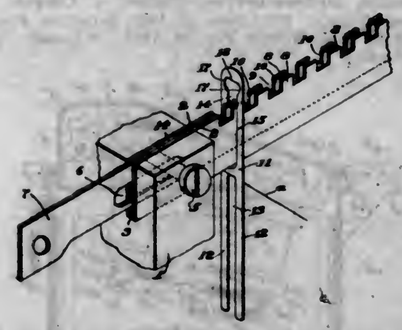
1,626,505. FILLING-CONTROL MECHANISM FOR FILLING REPLENISHING LOOMS. EDWARD C. BURNHAM and HARRY A. DAVIS, Hopedale, Mass., assignors to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Sept. 17, 1926. Serial No. 136,101. 6 Claims. (Cl. 139—267.)

1. In a filling replenishing loom, the combination of a hopper and a hopper stand, a spring actuated swinging arm mounted on the hopper stand and provided with a guiding support for the filling carrier to be transferred, an adjustable stop for varying the operative position of the guiding support, an independent rocker mounted for rocking movement frontward of the guiding support, a thread parter for parting the filling of the outgoing carrier, a thread parter actuator extending rearwardly from the independent rocker, and a spring connection be-



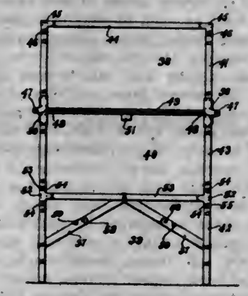
tween the swinging arm and rocker for operating the parter only on displacement of the swinging arm during transfer.

1,626,506. WARP STOP MECHANISM FOR LOOMS. HARRY H. BURTON, New Bedford, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed July 21, 1926. Serial No. 123,969. 1 Claim. (Cl. 139—365.)



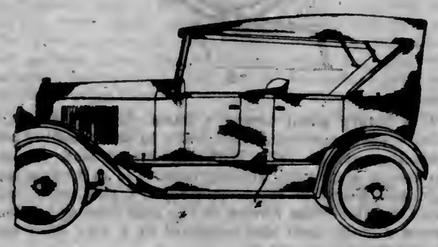
In a mechanical warp stop motion for looms, the combination of a detector bar and detector bar holder each having rectangular teeth with straight upper supporting surfaces and rectangular spaces between, a series of drop wires each provided with an elongated detector slot having parallel side walls between which the detector bar and detector bar holder extend, and a top opening communicating with the detector slot and having upwardly diverging side walls, a straight top wall connecting the upper portion of the diverging side walls of said top opening and of a straight length greater than the combined thickness of the detector bar and detector bar holder that the straight top wall of the opening may engage and be supported by the straight upper supporting surfaces of the rectangular teeth of either the detector bar or detector bar holder upon the occurrence of a warp fault, and an opening independent of the top opening in drop wires for sustaining the drop wires upon the warp threads.

1,626,507. HOUSEHOLD ARTICLE. JAMES HARRISON CAMPER, Huntington, W. Va. Filed Apr. 28, 1923. Serial No. 635,292. 1 Claim. (Cl. 68—34.)



A collapsible clothes rack comprising a pair of spaced parallel frames each frame comprising a top section, a bottom section and an intermediate section, means hingedly connecting said sections, the hinged connections of the top and intermediate sections being each formed with an opening, a brace for each frame extending freely through said openings and being provided at its ends with oppositely disposed arms, said top and intermediate sections being movable inwardly relatively to said brace and being limited in outward movement by said arms, oppositely inclined collapsible braces each pivotally connected at opposite ends to the intermediate and lower sections and rungs extending between said frames.

1,626,508. SURFACING FOR AUTOMOBILE PARTS AND THE LIKE. JOSEPH C. CARLSON, Tulsa, Okla. Filed Jan. 4, 1926. Serial No. 79,240. 1 Claim. (Cl. 41—36.)



An ornamented object comprising a material having thickness, a cementitious coating applied to a surface of said material, and a layer of surfacing elements of substantially uniform geometric contour and greater diameter than the depth of the coating, said elements having minor portions embedded in the coating and contacting with the outer face of said material and said elements projecting from the said coating an appreciable extent and having their adjacent side portions contacting with each other.

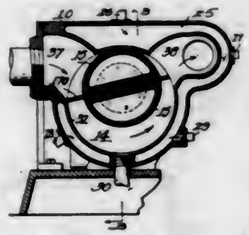
1,626,509. BOAT FORM. CHARLES E. CHANCE, Annapolis, Md. Filed June 4, 1926. Serial No. 113,816. 1 Claim. (Cl. 9—6.5.)



A form of the character described comprising a plurality of juxtaposed longitudinally arranged and relatively spaced bed timbers, pairs of opposed base pieces

received upon said timbers, cradle blocks carried upon the inner portions of the upper surfaces of certain of said base pieces, sub base pieces rigidly supported upon the upper portions of certain others of said base pieces, frame side forms carried by each of said base pieces, the inner surfaces of said forms being curved inwardly to conform to the required traverse curvature of the boat ribs to be received thereby and said curved inner surfaces joining with the curved inner surfaces of adjacent portions of said cradle blocks and sub base pieces, the inner ends of said base pieces and said sub base pieces being relatively spaced whereby to provide a keel receiving pocket therebetween, bracing means connected to the inner extremities of said sub base pieces and the corresponding portions of their respective base pieces adjacent said keel receiving space, a plurality of longitudinally disposed transversely spaced stringers received upon the inner surfaces of said side forms, cradle blocks and sub base pieces and fixed with respect thereto, means for relatively bracing and interconnecting the various frame side forms arranged upon the juxtaposed bed timbers, and means for securing base pieces against relative movement upon their respective bed timbers at certain times.

1,626,510. ROTARY PUMP. EARLE M. CHASE, Springfield, Mass., assignor to Universal Candy and Chocolate Machinery Company, Inc., Springfield, Mass., a Corporation of Massachusetts. Filed Aug. 18, 1925. Serial No. 51,051. 5 Claims. (Cl. 103—137.)



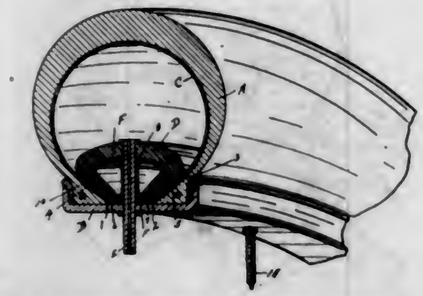
1. A rotary pump having a pump chamber, a rotary valve support mounted eccentrically in said chamber and contacting at one point with the curved wall of said chamber, a plate valve slidable radially in said valve support, and means to rotate said support and valve, said pump chamber being formed of two semi-circular portions spaced slightly apart and connected by a very short portion having straight walls.

1,626,511. VEHICLE TIRE. JOHN T. CLARK, Provo, Utah. Filed Mar. 8, 1926. Serial No. 93,112. 3 Claims. (Cl. 152—20.)



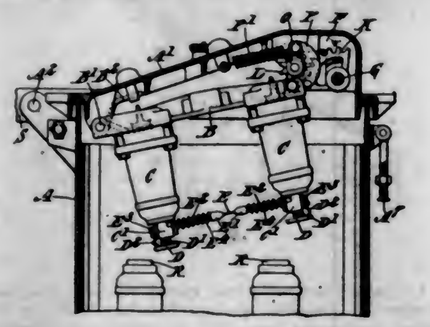
1. A vehicle tire comprising an outer casing having a soft rubber filler and an inner liner cemented to form a casing; flanged edges on said inner liner; an inner casing concentric with said outer casing and carried therein; edges on said inner casing adapted to fill the space between the flanged edges of said inner liner and the main body of said liner; a soft rubber liner, a portion of which is cemented to the inner wall of said inner casing, and having overlapping edges thereon; an inner tube within said inner casing; and means to inflate both of said casings.

1,626,512. PNEUMATIC TIRE. JOHN T. CLARK, Provo, Utah. Filed June 26, 1926. Serial No. 118,619. 3 Claims. (Cl. 152—20.)



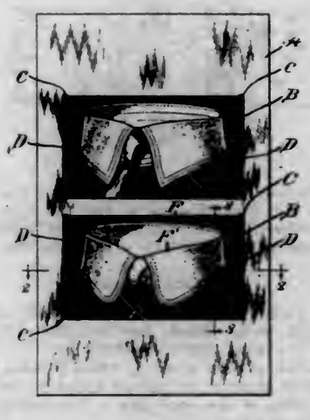
1. A vehicle tire comprising an outer casing; a liner secured therein, having its edges free from the edges of the casing; an inner casing concentric with said outer casing and carried therein; edges on said inner casing bent back upon themselves and adapted to fit between the edges of the liner and the edges of the outer casing; an inner tube within said inner casing; and means to inflate both of said casings.

1,626,513. OIL-IMMERSED ELECTRIC SWITCH. FRANK COATES, Cleadon, and JAMES MIRREY, East Boldon, England, assignors to A. Reyrolle & Company, Limited, Hebburn-on-Tyne, England, a Company of Great Britain. Filed June 27, 1925, Serial No. 40,015, and in Great Britain Aug. 30, 1924. 9 Claims. (Cl. 200—50.)



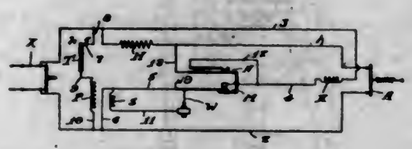
3. In an electric switch box having an inner and an outer lid the combination with a fuse member carried by the inner lid of fixed contacts within the box with which the fuse member makes connection when the inner lid is closed, a rotatable spindle mounted on the outer lid, a fastening device for the outer lid carried on said rotatable spindle, a toothed quadrant also carried on the rotatable spindle, a second spindle mounted on the outer lid, a gear wheel carried by this second spindle and engaging the toothed quadrant, a crank member mounted on the same spindle as the gear wheel and a link connecting the crank member with the inner lid so that the movement of the fastening device to release or to fasten the outer lid raises or lowers the inner lid.

1,626,514. COLLAR-DISPLAY DEVICE. CHARLES M. CONNOLLY, Troy, N. Y., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y., a Corporation of New York. Filed Sept. 4, 1925. Serial No. 54,454. 5 Claims. (Cl. 40—126.)



1. A display device comprising a light card having spaced slots extending therethrough, and a dark card bridging the space between said slots and having its ends anchored in said slots with light slits at said ends, the exposed face of the dark card being wholly framed by the light card and being convex and bearing an embossed replica of a collar and tie ensemble, whereby the device presents the optical illusion of an opening in the light card and a real collar and tie in a dark space back of the opening.

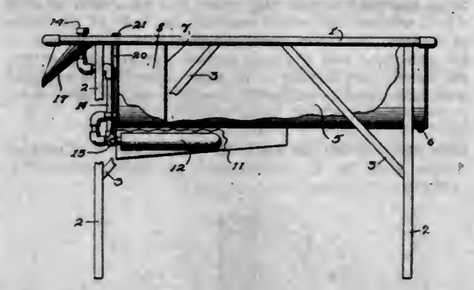
1,626,515. TEMPERATURE CONTROL FOR FOLDING MACHINES, ETC. ORVILLE E. COOK, Troy, N. Y., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y., a Corporation of New York. Filed Nov. 14, 1925. Serial No. 69,002. 13 Claims. (Cl. 219—20.)



1. Apparatus for controlling an electric heater comprising a circuit closer for connection in circuit with the heater, a magnet for actuating said circuit closer, a thermostat responsive to said heater for controlling the closer, and means for preventing momentary opening and closing of said thermostat from affecting said magnet.

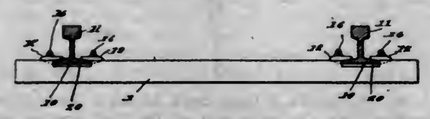
1,626,516. CAN WASHER AND STEAMER. BESSIE E. CRAMER, Garnett, Kans. Filed Aug. 2, 1926. Serial No. 126,605. 2 Claims. (Cl. 141—7.)

1. A combined can washer and steamer of the character described comprising a frame, a trough depending from said frame and being of substantially semi-circular formation in cross section, legs for said frame, braces between said legs and frame, a partition in said trough and providing a water tank, a steam generator disposed below said trough and tank respectively, means for admitting water to one end of the generator in predetermined quantities, steam conveying means extending and rising from the opposite end of said generator, a platform supported by said frame and having an opening therein through which said last mentioned means projects and a



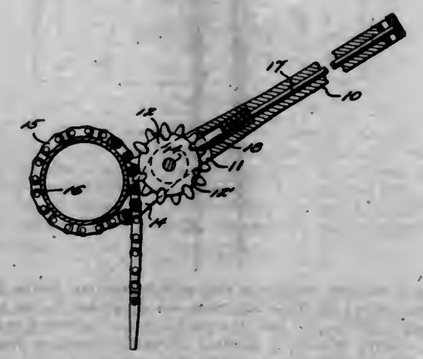
cone shaped drain extending at a downward inclination from the lower edges of said opening for the purpose specified.

1,626,517. RAIL TIE. CHARLES D. CUBAY, Henryetta, Okla. Filed May 19, 1926. Serial No. 110,291. 3 Claims. (Cl. 238—338.)



1. A metal tie for railway rails, impinging flanges in the lower face thereof, said tie having its upper face at points adjacent its ends, formed with aligning grooves, outstanding lugs at the opposite sides of the groves and having their inner edges partly covering said grooves, the space between the grooves designed to provide a rest for railway rails, clamps disposed over the lugs, bolt members having their heads let in the grooves and their shanks passing between the lugs and through the clamps, and nuts screwed on the clamps for holding the latter in rail engagement.

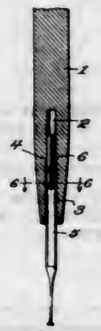
1,626,518. CHAIN WRENCH. NEALE DOUGLASS, Brooklyn, N. Y. Filed June 11, 1926. Serial No. 115,328. 1 Claim. (Cl. 81—67.)



A wrench of the character described comprising a handle bifurcated at one end, a toothed wheel journaled in said bifurcated end of the handle, spaced parallel members projecting from said end of the handle, and each terminating to provide obliquely disposed portions adapted to engage the work, said members being arranged at the opposite sides of said wheel and pivoted on the

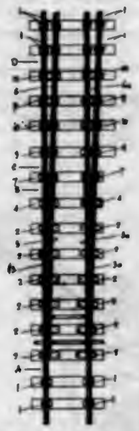
axis thereof, a chain having one end secured between the corresponding extremities of the oblique portions of said members and adapted to be passed around the work to be gripped between the latter and the teeth of said wheel, whereby the wheel engages the links of the chain to tighten the latter upon movement of the handle in one direction, and a spring-pressed rod arranged within the handle and having a tapered extremity cooperating with said wheel to afford the handle a ratchet movement.

1,626,519. DENTAL CHUCK. WILLIAM F. DUNLOP, New York, N. Y. Filed Mar. 20, 1926. Serial No. 96,329. 2 Claims. (Cl. 32—15.)



1. In combination with a chuck having a bore of two diameters with the large part of the bore opening out at the end of the chuck, a removable bit having resilient prongs for entering the bore, the prongs being pressed together when they enter the small part of the bore.

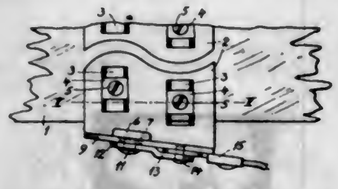
1,626,520. RAILWAY SWITCH. HERBERT JEFFREY DYKE, St. Lambert, Quebec, Canada. Filed Oct. 18, 1926. Serial No. 142,399. 9 Claims. (Cl. 246—453.)



2. A railway switch having rail supporting plates by means of which the stock rails are supported in an inclined position, the switch rails in vertical position, and the closure rails in a position gradually changing from a vertical position to an inclined position.

1,626,521. SKI TIE. EMIL MARIUS ERIKSEN, Oslo, Norway. Filed Sept. 4, 1925, Serial No. 54,574, and in Norway Sept. 11, 1924. 6 Claims. (Cl. 208—184.)

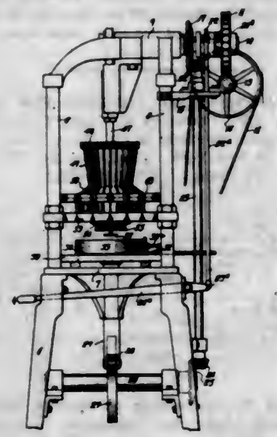
1. In a ski tie, toe irons including horizontal attaching portions and vertical supporting portions, inwardly projecting tongues vertically adjustable on the vertical portions, the horizontal portion of each iron being provided with slots the wall of which are inclined, and clamping irons mounted in the slots for securing the attaching portions to the upper surface of the ski and having the side edges inclined so that the upper surface lies flush with the upper surface of the horizontal attaching portions, substantially as and for the purposes set forth.



1,626,522. COLOR PRINTING. STANLEY B. FREIBERG, Cincinnati, Ohio. Filed Jan. 9, 1926. Serial No. 80,359. 6 Claims. (Cl. 101—211.)

1. A process of color printing, which consists in applying successive imprints in register for each color, among which imprints is one employing a transparent varnish or size also in register.

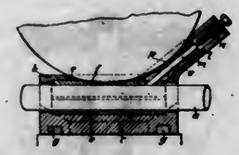
1,626,523. ARTIFICIAL-FLOWER-CURLING MACHINE. OTTAVIO GANIO, GIUSEPPE AVONDOGLIO, and ONORATO GRASSIS, New York, N. Y. Filed June 16, 1925. Serial No. 37,521. 7 Claims. (Cl. 41—2.)



1. A curling machine of the class described comprising a frame, a work receiver, means for elevating said work receiver, a plurality of curling members operable in unison means for operating said curling members across the work in said work receiver, means for urging the work receiver from beneath the curling members, and a catch for retaining the work receiver in position under the curling members when the receiver is in elevated position.

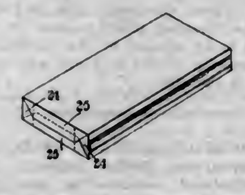
1,626,524. DEVICE FOR THE ELECTRICAL WELDING OF SEAMED TUBES. PAUL GEDIEN, Cologne-Braunsfeld, and KARL SCHWADE, Cologne-Lindenthal, Germany. Filed Oct. 28, 1926, Serial No. 144,900, and in Germany Oct 30, 1923. 3 Claims. (Cl. 219—6.)

1. A device for the continuous electrical welding of seamed tubes, comprising in combination separate adjustable complementary pressure exerting members for bringing together the edges of the tube, a rotary welding electrode and means for advancing the tube between



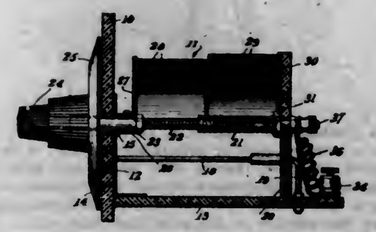
the said members, said members between them embracing the tube except for a slot provided for the passage of the electrode.

1,626,525. PACKING OF GOODS. DAVID GEORGE, Lyndal, Westcross, Wales. Filed Aug. 26, 1926, Serial No. 131,756, and in Great Britain Apr. 16, 1925. 4 Claims. (Cl. 220—1.)



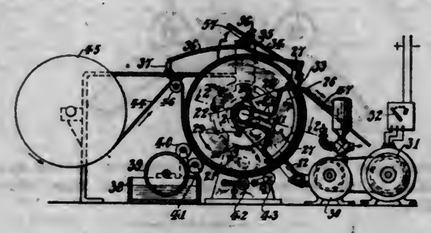
1. A shipping and storing package for goods including in combination, a hermetically sealed and waterproof metallic casing for containing the goods, a relatively light metallic protective casing for receiving the hermetically sealed casing, reinforcing strips secured to the inner surface of the protective casing, and a reinforced cover for said protective casing.

1,626,526. CONDENSER. GEORGE A. GILLEN, Jersey City, N. J., assignor to Gillen, Kimmey, Baker Syndicate Inc., Elmhurst, N. Y., a Corporation of N. Y. Filed May 7, 1924. Serial No. 711,582. 1 Claim. (Cl. 175—41.5.)



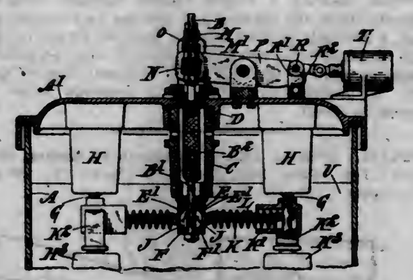
A condenser comprising a base, spaced parallel guide bars on the base, a rear end plate slidable on the guide bars, transversely arcuate plates carried on the forward face of the rear end plate, a screw for adjusting the end plate longitudinally of the base, a bracket at the forward end of the base, a sleeve rotatable through the bracket, a fan shaped plate at the inner end of the sleeve, transversely arcuate plates extending rearwardly from the fan shaped plate and adapted to enter the spaces between first named arcuate plates, means for rotating the sleeve, and independent means for rotating the screw whereby the plates may be relatively adjusted.

1,626,527. PROCESS AND MECHANISM FOR MAKING CRINKLED PAPER. NICHOLAS M. GOODLETT, New York, N. Y., assignor to Arkell Safety Bag Company, New York, N. Y., a Corporation of New York. Filed Dec. 19, 1918. Serial No. 267,430. 63 Claims. (Cl. 92—69.)



1. In an apparatus for making crinkled paper, a supporting surface for the paper and crinkle forming means to strip the paper from said surface and thereby crinkle it, in combination with means for applying pressure to the paper immediately in advance of said crinkle forming means to limit the stripping action thereof.

1,626,528. ELECTRIC CIRCUIT BREAKER. RICHARD WALTER GREGORY, Hexham-on-Tyne, England, assignor to Electric Improvements Limited, Newcastle-upon-Tyne, England. Filed July 22, 1925, Serial No. 45,373, and in Great Britain Sept. 24, 1924. 5 Claims. (Cl. 200—150.)

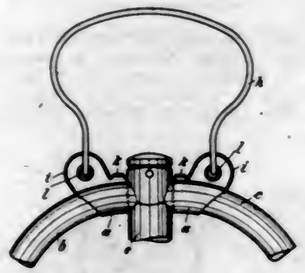


1. In an electric circuit-breaker adapted to give a quick break and a long gap the combination of a movable spindle, a retaining contact mounted on said spindle, a spring-operated contact normally held against the action of its spring by said retaining contact, and means for moving the spindle to release said spring-operated contact.

1,626,529. BAIL-SECURING MEANS. MAX HÄNEL, Schlettau, Germany. Filed Jan. 26, 1924, Serial No. 688,814, and in Germany Oct. 31, 1923. 1 Claim. (Cl. 240—52.)

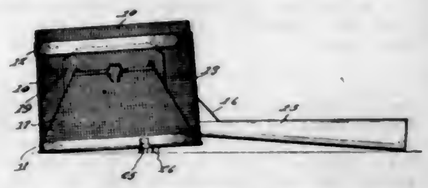
A guard for storm lanterns comprising a combination, a curved tube, a central tube, two curved tubular pieces one on either side of said central tube, a connecting piece of sheet iron to be placed from below over said curved tube and having a central aperture for said central tube, flaps one at each corner of said connecting piece said flaps being perforated, the flaps at one side of the sheet iron connecting piece being larger than

those at the other side so that when the flaps on the opposite sides are pressed together the projecting flanges of the larger flaps can be folded over the edges of the



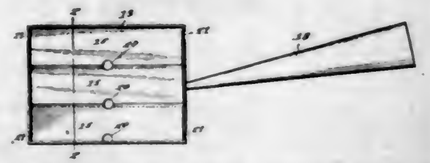
other flaps, and a bail handle attached in the eyes formed by the perforations of every two flaps folded together.

1,626,530. FLYTRAP. RAYMOND J. HARRIS, Houston, Tex. Filed Jan. 23, 1926. Serial No. 83,271. 6 Claims. (Cl. 43—34.)



1. An insect trap comprising a receptacle having an entrance opening, a hollow tapered member extending inwardly from the opening and defining an entrance passage, a reversely tapered member movable within the passage to close the inner end thereof and cooperating means included in the hollow and reversely tapered members to provide relatively small openings when the passage is closed.

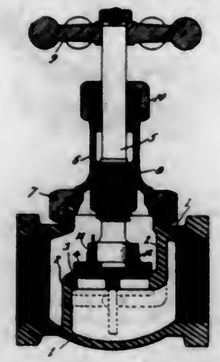
1,626,531. INSECT TRAP. RAYMOND J. HARRIS, Houston, Tex. Filed Feb. 19, 1926. Serial No. 89,424. 6 Claims. (Cl. 43—134.)



6. An insect trap comprising a receptacle having an opening therein, a plurality of pivotally mounted panels arranged to close the opening when the receptacle is held in one position and means to hold the panels substantially parallel with and spaced from one another when the receptacle is held in another position.

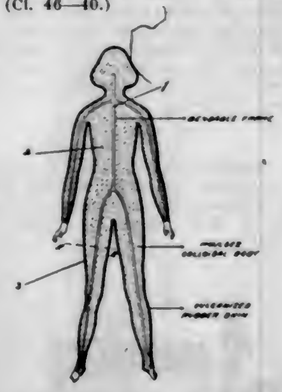
1,626,532. VALVE. FREDERICK H. HEHEMANN, Cincinnati, Ohio, assignor to The Lunkenheimer Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Apr. 4, 1923. Serial No. 629,756. 1 Claim. (Cl. 251—46.)

In a valve construction, the combination with the valve stem, of a retaining plug rotatively mounted on said valve stem, said plug having an upper flanged portion and a threaded lower portion, a valve disc threaded on said threaded portion of the plug and abutting the flanged portion, a lock pin for securing the plug and the disc together, said plug having an aperture in its upper flanged portion to tightly receive the pin and sup-



port it against lateral movement, and said aperture extending into the threaded lower portion in the portion thereof adapted to be engaged by the threads of the disc whereby the insertion of the lock pin will cut a groove in the threads of the disc.

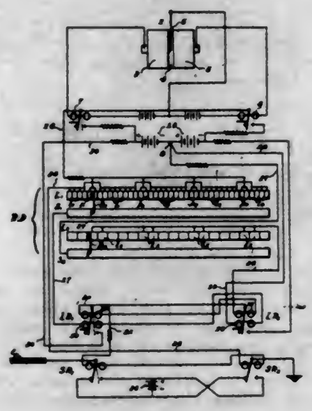
1,626,533. FIGURE OF ANIMATE OBJECTS. KATHARINA HEGENSHAUSEN, Berlin, Germany, assignor to the Firm Mittelland Gummiwerke Aktiengesellschaft, Hanover-Linden, Germany. Filed Dec. 9, 1925. Serial No. 74,407, and in Germany Dec. 12, 1924. 2 Claims. (Cl. 46—40.)



1. In combination a figure of an animate object comprising a moulded core of gelatinous material, a flexible framework embedded therein with which said gelatinous material makes homogenous contact and capable of assuming a "set" when bent and a coat of flexible rubber covering the surface of the gelatinous material.

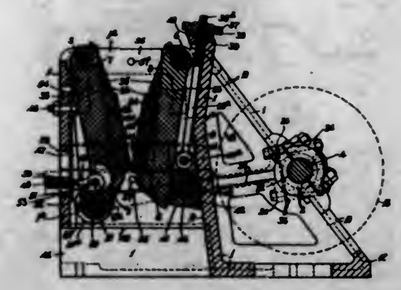
1,626,534. REGENERATIVE ROTARY REPEATER. ALBERT H. HOWARD, Bay Roberts, Newfoundland, assignor to The Western Union Telegraph Company, New York, N. Y., a Corporation of New York. Filed Aug. 14, 1925, Serial No. 50,206, and in Canada Aug. 5, 1925. 7 Claims. (Cl. 178—71.)

1. In a synchronous telegraph system, means for receiving or retransmitting the signals, comprising a rotary distributer operating synchronously with the received signal impulses, and three pairs of normally biased oppositely-poled polar relays operatively associated therewith, the first pair of said relays acting to receive another pair, to store and the third pair to retransmit the



signal impulses, said distributer operating to cause the impulses to be stored during the reception of the impulses and to be retransmitted for a period ending at a predetermined time, the storing relay being maintained in energized condition throughout the reception and retransmission periods.

1,626,535. MACHINE FOR BREAKING ORE AND OTHER MINERALS. RALPH HUSH, Johannesburg, Transvaal, South Africa. Filed Feb. 12, 1925, Serial No. 8,815, and in the Union of South Africa Feb. 18, 1924. 3 Claims. (Cl. 83—53.)



1. A machine for breaking ore and other minerals, including a crushing chamber, an adjustable stationary jaw and a swinging jaw, means for directly actuating the swinging jaw to co-operate with the stationary jaw, and means for adjusting the stationary jaw comprising a block arranged between the back of the stationary crushing jaw and the wall of the crushing chamber, one face of said block being constructed with a concave surface, a part arranged between the concave surface of the block and the wall of the chamber and having a convex surface corresponding to and co-acting with the concave surface of the block with which it contacts, and means for raising and lowering the adjusting block, as set forth.

1,626,536. BEARING FOR MOVEMENTS AND DRIVING GEARS. OTTO JANZEN, Berlin, Germany. Filed Nov. 27, 1926, Serial No. 151,226, and in Germany Dec. 9, 1925. 1 Claim. (Cl. 308—159.)



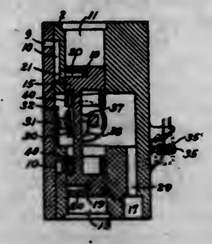
A bearing for movements and driving gears which is several times reinforced by stamped out flaps having holes and bent over, in which said flaps are hollow and bear with their concave sides on the plate so that between the plate and the flap an oil chamber is formed in which the oil is retained by the capillary effect.

1,626,537. VARIABLE CONDENSER. BOHUMIL JIROTKA, Berlin, Germany, assignor to the Firm, Dr. Otto Sprenger, Patentverwertung Jirotka mit beschränkter Haftung, Vaduz, Lichtenstein. Filed Apr. 15, 1926, Serial No. 102,271, and in Germany Apr. 25, 1925. 4 Claims. (Cl. 175—41.5.)



1. A variable condenser comprising a vessel partially filled with a conducting liquid and having closed ends terminating into necks, an electrode passed through one of said necks and submerged in said conducting liquid and a metallic coating for a predetermined portion of the exterior surface of said vessel.

1,626,538. FLUID METER. GEORGE KARL VILHELM JOHANSON, Stockholm, Sweden, assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Filed Dec. 22, 1921, Serial No. 524,284, and in Sweden Jan. 13, 1921. 2 Claims. (Cl. 73—30.)



1. A fluid meter, comprising in combination a casing having a circular arcuate fluid supply channel and a plurality of similar cylinder chambers with two ports therein, said ports being connected by channels to the circular arcuate supply channel and the outer port of the next adjacent cylinder chamber respectively, a plurality of pairs of pistons, having passages therethrough, slidable in said cylinder chambers, a positive connection between the pistons of each pair, means provided on said positive connections locking the respective pairs of pistons from moving until another pair has reached the end of its stroke, the passage in each piston registering at the end of its inward stroke with the said two ports in its respective cylinder chamber to conduct the fluid under pressure from said annular channel to the outer end of the next adjacent cylinder chamber, a rotatable shaft, a

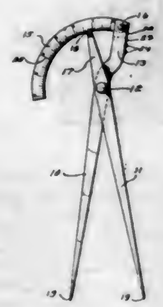
crank mounted upon said shaft, a disc mounted upon said shaft, a disc mounted upon said crank adapted to be actuated by the pistons at each stroke, and means for registering the revolutions of said shaft, as set forth.

1,626,539. TELEPHONE HOLDER. EDWARD E. JONES, Rockford, Ill. Filed July 28, 1926. Serial No. 125,524. 1 Claim. (Cl. 248—6.)



An adjustable support for a telephone, comprising a tubular upright, a weight movably arranged therein, a slotted tube, clamps for connecting the tube to the upright, a weight slidably arranged in the tube, a cable connecting the weights together, a guiding pulley on the upright for the cable, a supporting bracket for the telephone and clamps for connecting the bracket to the weight in the tube, said weight having grooves therein for receiving portions of the clamps.

1,626,540. PIVOTED-TYPE COMPASS. LAWRENCE YASUKICHI KIMURA, Richmond, Calif. Filed June 18, 1924. Serial No. 720,863. Renewed Sept. 29, 1926. 2 Claims. (Cl. 33—148.)



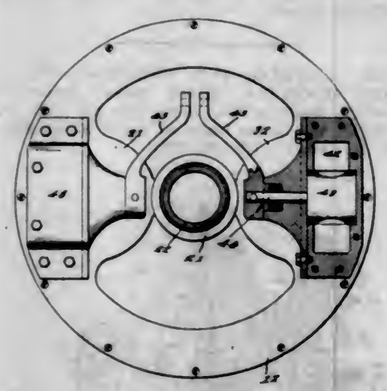
1. A measuring instrument comprising a pair of legs pivotally connected intermediate their ends, an arcuate scale arm pivotally connected at one end to the upper end of one of said legs in concentric relation to the pivot thereof, said scale arm being provided at its pivotal end with a major end face and a minor end face in angular relation to one another, yieldable means acting upon said major and minor end faces for retaining the scale arm in an operative concentric position or in collapsed overlying relation respectively with said legs, and an indicator arm formed at the upper end of the companion leg adapted to move in an arcuate path over the scale arm when in an operative position, for indicating the distance between the measuring points of the legs.

1,626,541. SWIMMING DEVICE. JOHN P. LA ROSA, Port Chester, N. Y. Filed May 21, 1926. Serial No. 110,756. 2 Claims. (Cl. 9—21.)



2. A device of the class described comprising a block of substantially triangular shape, means for fastening the base of the block to the foot of a swimmer, a pair of wings, hinges connecting the wings to the small end of the block, each wing having a beveled inner end for engaging the inclined sides of the block and one of the hinge parts having a projection for engaging the other hinge part for limiting the rearward movement of the wings.

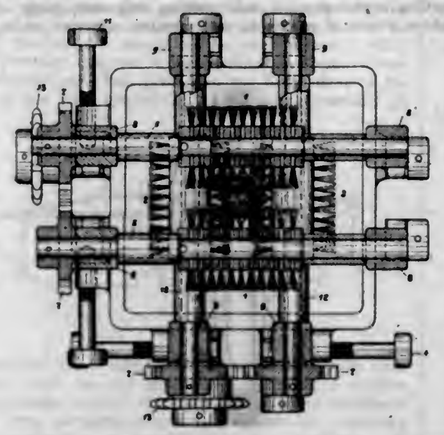
1,626,542. HYDRAULIC BRAKE. ELVIN L. LARSON, Aberdeen, Wash. Filed Apr. 30, 1926. Serial No. 105,803. 4 Claims. (Cl. 188—92.)



1. In a device of the class described, a rotatable gear ring having internal teeth, a housing for mounting the gear ring and providing an annular channel, chambers communicating with the channel, pinions mounted in the chambers and meshing with the gear ring, valve casings having ports communicating with the chambers on opposite sides of the axis of each pinion, and a valve within each valve casing and adapted to control the passage of material thru the chambers and valve casings, incident to the rotation of the gear ring and pinions.

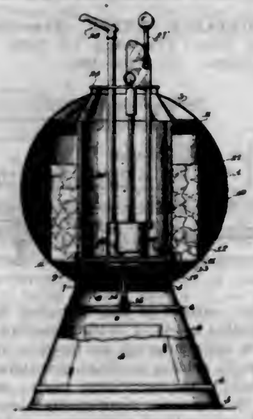
1,626,543. WRAPPING DEVICE FOR IRREGULARLY-SHAPED DELICATE OBJECTS. OTTO LAUENSTEIN, Wernigerode, Harz, Germany. Filed Aug. 25, 1925, Serial No. 52,411, and in Germany Aug. 29, 1924. 9 Claims. (Cl. 93—5.)

5. In a wrapping device in combination, movable guiding means for the object to be wrapped, means for placing a flexible wrapper on the object, while on the guiding means, pairs of rockably and yieldably mounted rollers



rotating in opposition to the guiding means and having a coating of bristles thereon adapted to gently force and smooth the wrapper into close contact with the object.

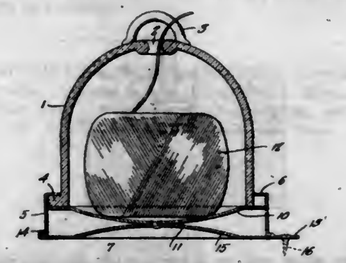
1,626,544. BEVERAGE DISPENSER. DANES LORANT, Shreveport, La. Filed June 28, 1926. Serial No. 119,130. 1 Claim. (Cl. 242—146.)



A dispensing apparatus of the character described comprising a base, a container supported upon said base, said container comprising a sheet metal spherical jacket, a cylindrical partition arranged within said jacket and insulated therefrom, forming a cooling chamber, a bottom for said cooling chamber and insulated from said jacket, a perforated flange formed with said bottom, said bottom adapted to support a beverage containing jar, a double wall cover for said jacket having an air space therein adapted to communicate with said chamber, a dispensing device supported by said cover and adapted to extend within the jar arranged within said cooling chamber, and a drain pipe leading from the lower end of said chamber and adapted to extend within said base substantially as and for the purpose specified.

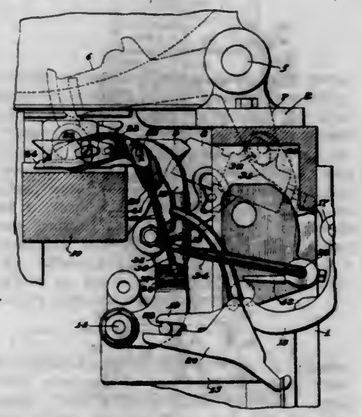
1,626,545. TWINE HOLDER. CARL MARCH, Chicago, Ill. Filed July 10, 1926. Serial No. 121,700. 4 Claims. (Cl. 211—7.)

3. A ball twine holder including a circular base, having an upper inwardly directed flange which is notched, and which flange, is outwardly bulged to provide an inner depression, a transparent dome having its lower edge provided with outturned fingers to be received in the notches and to be likewise received in the depressions when the



dome is turned on the base, a disc freely received in the base, said disc having a central dished portion, and an arched spring member connected with the base and centrally engaging the disc for urging the same into frictional contact with the fingers of the dome.

1,626,546. SHUTTLE-FEELER THREAD PARTER AND CLAMP. FREDERICK W. MATHIS, Lynchburg, Va., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 27, 1926. Serial No. 144,462. 6 Claims. (Cl. 139—267.)

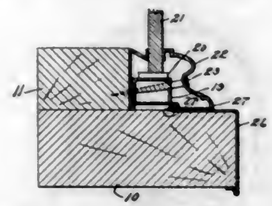


1. In a filling replenishing loom, the combination of the transferrer, a rock shaft connected to and actuated by movement of the transferrer, a shuttle feeler thread parter and clamp, an arm extending from the rock shaft and connections secured to the arm and thread parter and clamp acting positively to open the parter and clamp as the shuttle feeler moves to thread parting and clamping position and acting yieldingly to close the parter and clamp to part and clamp the filling extending from the outgoing filling carrier upon transfer of filling.

1,626,547. VENTILATING SASH. EDWARD FRANCIS MCHUGH, Kingston, Pa. Filed Feb. 25, 1925. Serial No. 11,569. 2 Claims. (Cl. 20—56.4.)

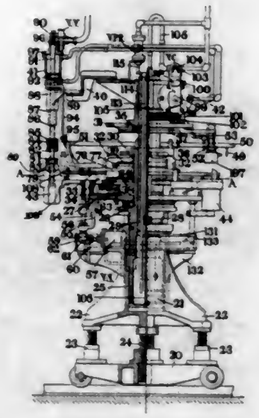
1. A ventilating window sash, a back member secured to the window backing stop, a raised cushion portion horizontally disposed and formed with the lower edge of the back member, said cushion portion terminating at its forward edge in a crimped downwardly extending supporting leg and also with a supporting leg at its juncture with the back member, a sill covering for the sash and receiving the forward supporting leg of the cushion portion, a substantially inverted U-shaped setting block mounted upon the cushion portion, resilient means car-

ried by said block and adapted for receiving the lower edge of a plate glass, and an outer moulding secured to the backing stop and mounted upon the sill covering in a manner whereby the upper portion of said moulding en-



gages the glass, and its lower portion disposed relatively with the crimped downwardly extending supporting leg to prevent upward and rear movement of the lower portion.

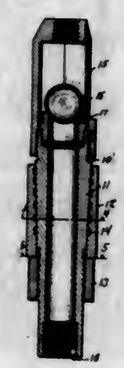
1,626,548. MACHINE FOR MAKING BOTTLES OR OTHER ARTICLES OF GLASS. ALEXANDER MCNISH, London, England, assignor of one-half to The Automatic Bottle Machine Corporation, Limited, London, England. Filed Apr. 15, 1926, Serial No. 102,261, and in Great Britain Apr. 6, 1925. 12 Claims. (Cl. 49—5.)



1. A machine for making bottles or other articles of glass of the character described, comprising a support, a table mounted for rotatable and vertical sliding movement on the support, a plurality of parison and blow moulds mounted on the table, means for effecting a gathering of glass in the desired parison mould, cooperative clutch members mounted respectively on the table and on the upper part of the support, and valve controlled pressure operable means for raising the table on the support to effect engagement of the clutch members so that the table may be partially rotated when elevated.

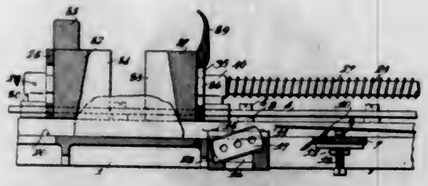
1,626,549. STANDING VALVE. ARTHUR N. MILLER, Henryetta, Okla. Filed May 17, 1926. Serial No. 109,763. 2 Claims. (Cl. 103—229.)

1. A standing valve for fluid pumps comprising a tubular open ended body having a check valve member for controlling the passage of fluid therethrough and provided with a portion of external tapered form, and a metallic packing ring having a tapered bore and fitted on the tapered portion of the body whereby longitudinal movement of the packing ring relative to said tapered portion of the body will cause expansion of said packing ring into engagement with the surrounding wall of a working barrel opening, said packing ring comprising an endless sleeve of relatively soft metallic material having



a series of circumferentially extending annular internal grooves for reducing friction between the packing ring and the tapered body portion and weakening the packing ring to facilitate its expansion.

1,626,550. VEGETABLE CUTTER. FREDERICK H. MILLER Portland, Oreg. Filed Aug. 13, 1926. Serial No. 129,017. 6 Claims. (Cl. 146—168.)

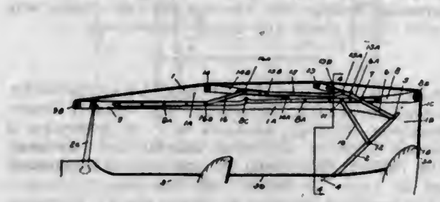


1. In vegetable cutters of the character described, a base frame including a bed, a cutting mechanism carried by the bed, slide rails mounted on the base frame above the bed, a vegetable holding carriage operatively mounted on the slide rails and comprising means continuously tending to feed the vegetable downwardly toward the base to be engaged by the cutting mechanism, said last named means comprising a sectional holding block having inclined walls and yieldable means for forcing said blocks toward each other with the vegetable between them.

1,626,551. COLLAPSIBLE VEHICLE TOP. HAROLD GORDON MILLER, Homer, N. Y., assignor to The Brewer-Titchener Corporation, Cortland, N. Y., a Corporation of New York. Filed Dec. 30, 1925. Serial No. 78,352. 7 Claims. (Cl. 296—116.)

2. In a collapsible top frame for vehicle bodies and the like, the combination of a bipartite main bow comprising an outrigger hoop section and a cantilever hoop section, the latter having a pair of side-rails pivotally adjoined to the legs of the outrigger hoop and adapted to extend in substantial alignment therewith when raised over the body; a set of support standards pivotally connected to the respective sides of the body, the upper ends of the standards being kept below and spaced from the raised side-rails; a guide-link for each side-rail which link is pivoted to its respective rail intermediate the

rail ends and projects upwardly beyond said raised rail to serve as an extension, while another portion of the guide-link is pivotally connected to the end portion of its support standard; a brace-link for each side-rail which link is pivotally attached to its adjacent standard between the aforesaid guide-link pivot and the body pivot of the standard and also pivoted to its side-rail forwardly of



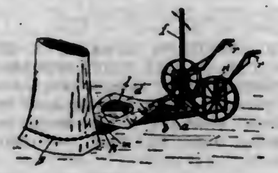
the guide-link pivot, said guide and brace links with their respective side rail and standard constituting a polygon type of linkage adapted to conjointly guide the cantilever section into collapsed position alongside its respective support standard; a supplemental bow bridging said side-rails, the legs of said bow being pivotally connected to the respective extensions; and link means interconnecting the supplemental bow with the outrigger section.

1,626,552. FOUNTAIN SOLDERING IRON. WRIGNOL E. QUILLEN, Pittsburgh, Pa., assignor of one-third to Frances Spitz, Pittsburgh, Pa. Filed July 10, 1925. Serial No. 42,804. 2 Claims. (Cl. 113—109.)



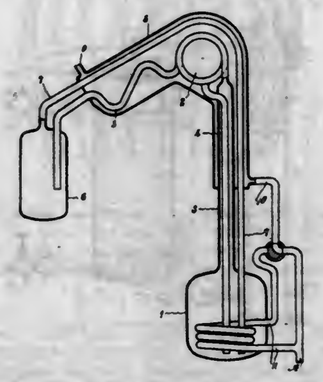
1. In a soldering iron, a head provided with a reservoir for reception of molten solder and with an outlet duct communicating with said reservoir, the head having a neck extending from its upper end and forming a continuation of said reservoir, the upper end of said neck being countersunk to form a valve seat, a barrel secured about the neck and provided with an opening adjacent the upper end of the neck and inclined downwardly and inwardly of the same, a valve slidable in the barrel toward and away from the neck and adapted for seating therein, and means for moving said valve into and out of operative position.

1,626,553. PORTABLE TREE-FELLING SAW. ALBERT RADTKE, Berlin, Germany. Filed June 3, 1924, Serial No. 717,505, and in Germany May 5, 1923. Renewed Dec. 14, 1926. 1 Claim. (Cl. 143—69.)



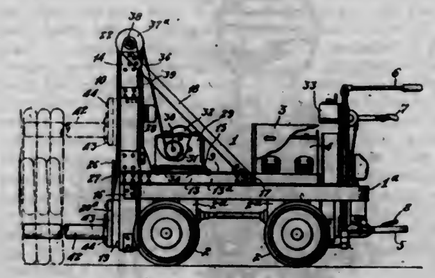
A portable tree-felling saw of the type described comprising in combination with the movable frame and with the saw blade having a large aperture, two arms hingedly mounted under said saw frame, a spring for pulling said arms together, a spring above said arms, a bag attached to said last mentioned spring and bows for holding said bag, said last mentioned spring being pressed by said arms against the tree to be felled.

1,626,554. ABSORPTION REFRIGERATOR. LUDWIG REEHSING, Bremen, Germany, assignor to Bror Pålsson, Malmo, Sweden. Filed Apr. 19, 1926, Serial No. 103,087, and in Germany Mar. 3, 1926. 7 Claims. (Cl. 62—118.)



1. In a valveless absorption refrigerating apparatus, comprising a closed circulation system having a generator-absorber, separator, condenser and evaporator, the combination of a vapor discharge conduit leading from said generator-absorber to said separator and a water condensate drain conduit leading from said separator to said generator-absorber, said conduits for a part of their length arranged to form a heat interchanger, the water condensate being warmed therein prior to its return to the generator-absorber and the vapor discharge conduit being cooled for effecting preliminary separation of a part of the water in the vapor from said generator-absorber discharged through said conduit.

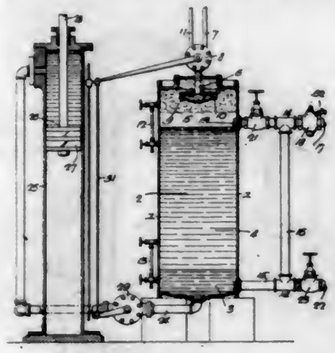
1,626,555. INDUSTRIAL TRUCK. EDWARD H. REMDE, Cleveland, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 11, 1921, Serial No. 451,622. Renewed Jan. 27, 1927. 6 Claims. (Cl. 214—65.)



1. In apparatus of the class described, the combination with a truck frame and wheels for said frame, of a pair of vertical guides disposed at one end of the frame, an elevating member slidably supported by said guides and provided on its face with seats, a lifting device comprising a base member removably secured to said seats and a relatively long narrow element secured at one end to

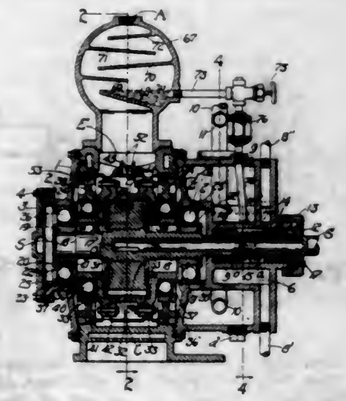
said base member and extending in an endwise direction therefrom for projection into or through a hollow body, and mechanism for raising and lowering said elevating member.

1,626,556. STEAM HYDRAULIC SYSTEM. WILLIAM H. RIDGWAY, Coatesville, Pa., assignor to William H. Ridgway and Ellis B. Ridgway, Coatesville, Pa. Filed June 1, 1923. Serial No. 642,800. 8 Claims. (Cl. 138—14.)



1. In combination, a vertically positioned cylinder adapted to have superposed layers of water and oil leaving a space between the upper surface of the oil and the upper end of the cylinder, an overflow-pipe extending from the portion of said tank containing said water upwardly to the desired level of the upper surface of said oil, a valve controlled pipe containing a fluid medium under pressure opening into said space, and a spring loaded check valve positioned in said over-flow pipe and operable to close the same only when said fluid medium is admitted to said space.

1,626,557. AIR COMPRESSOR OR PUMP. WALTER G. E. ROLAFF, Belleville, Ill., assignor, by direct and mesne assignments, to Rotary Compressor Company, Belleville, Ill., a Corporation of Illinois. Filed Mar. 13, 1918. Serial No. 222,126. 28 Claims. (Cl. 230—30.)



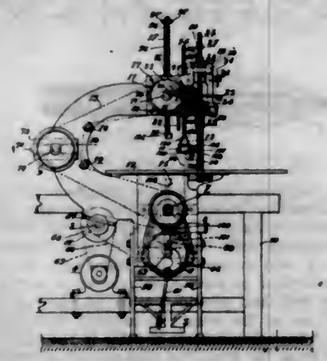
1. In a compressor of the character described, a rotary piston, a rotary cylinder therefor mounted eccentrically thereto and having a portion of its inner wall engaging a portion of the peripheral wall of the piston, the remaining portions of said walls being spaced apart to form a compressing chamber between them, suitable members carried by the cylinder at opposite ends thereof, and means interposed between said members and the adjacent ends of the cylinder and piston and operating under a differential of gas pressure for closing the ends of the compressing chamber and effecting gas tight joints with the ends of the piston and cylinder respectively.

1,626,558. ART OF MAKING BISALKYL-XANTHOGENS. ALBERT ROTHMANN, Heidelberg, and HELMUT STEIN, Mannheim, Germany, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Filed Dec. 12, 1924, Serial No. 755,555, and in Germany Jan. 28, 1924. 10 Claims. (Cl. 260—16.)

1. The process of purifying an impure bisalkyl xanthogen which consists in passing a current of an indifferent gaseous agent through the same.

10. As a new chemical product, purified bisethylxanthogen which is odorless, readily soluble in ether, carbontetrachlorid and benzene, difficultly soluble in cold alcohol and whose melting point is between 31° and 33°, and approximating 32°, centigrade.

1,626,559. UNIVERSAL WOODWORKING MACHINE FOR CARPENTERS, JOINERS, AND CABINET-MAKERS. HONORÉ ROZIER, Marseille, France. Filed Nov. 2, 1925, Serial No. 66,352, and in France Nov. 10, 1924. 5 Claims. (Cl. 144—1.)



1. A wood-working machine comprising, in combination, a foot or power-propelled speed gear having a driven pulley thereon, a second pulley combined with a tensioning device, a third pulley, said pulleys having rubber bands thereon, and jockey-pulleys whereby a driving belt travelling over said pulleys is kept clear of the work-supporting table and over which pulleys, excepting the jockey-pulleys, a bandsaw can run; there being a saw greasing device situated adjacent the saw.

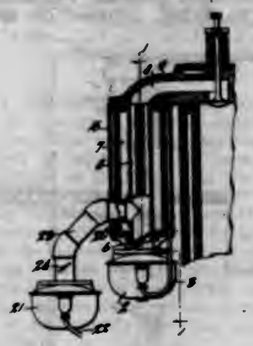
1,626,560. TRANSMITTING APPARATUS UTILIZING THE PRINCIPLE OF THE WHEATSTONE BRIDGE. EUGÈNE SCHNEIDER, Paris, France, assignor to Schneider & Cie., Paris, France, a Limited Joint Stock Company of France. Filed Jan. 4, 1922, Serial No. 526,984, and in France June 15, 1921. 6 Claims. (Cl. 177—337.)

1. A transmitting system based on the principle of the Wheatstone bridge comprising transmitting and receiving station bridge resistances forming the arms of said bridge, connections between said stations to complete said bridge including a bridge wire having an indicator therein, compensating resistances in said bridge wire, and indicating means at each station including means for varying the

relation of the resistances in the bridge arms and for changing the amount of compensating resistance in said bridge wire in accordance therewith to cause the deviations of the indicator to remain proportional to the displacements between the indicating means of the transmitting and receiving stations.



1,626,561. HEAVY-OIL VAPORIZER. DAVID T. SCOTT, Mitchells Island, Vancouver, Canada. Filed Mar. 13, 1924, Serial No. 699,088, and in Canada Dec. 24, 1923. 3 Claims. (Cl. 123—122.)



1. In an internal combustion engine, the combination with a carburetter, of a chamber through which the exhaust from the engine is passed, said chamber having a jacket space surrounding it and a compartment within the chamber, which compartment is connected by tubes to the jacket space and to the air inlet of the carburetter, means for admitting air to the jacket space, means for heating oil in the jacket space of the chamber, and means for delivering the gaseous mixture of oil vapor and air from the carburetter separately through the chamber to the engine intake.

1,626,562. PROCESS FOR MAKING THERAPEUTIC MATERIALS. ERNST SILTEN, Berlin, Germany. Filed Dec. 5, 1924. Serial No. 754,197. 28 Claims. (Cl. 167—7.)

1. Process for the production of products available for therapeutical purposes, which comprises dissolving derivatives of 2-arylcinnoline 4-carboxylic acid anhydrides in a solution of hexamethylene tetramine in such proportions that there is present in the product more than one molecule of hexamethylene tetramine to each molecule of acid anhydride.

18. A new product suitable for therapeutical use and especially for intravenous application, being an aqueous solution comprising a hexamethylene tetramine derivative of 2-arylcinnoline 4-carboxylic acid containing substantially six molecules of hexamethylene tetramine for each molecule of acid present.

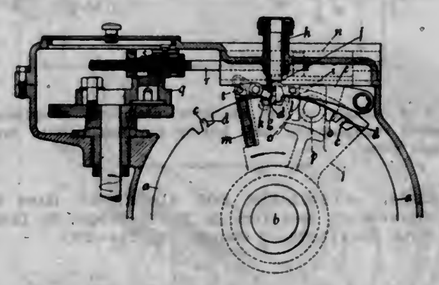
28. A new product suitable for therapeutical use and especially for intravenous application, being an aqueous solution comprising a hexamethylene tetramine derivative of phenylcinchophenic acid containing substantially six molecules of hexamethylene tetramine for each molecule of acid present, the proportion of water by weight relatively to the hexamethylene tetramine being as 73 is to 27.

1,626,563. PARACHUTE. FRIEDRICH SIMON, Freiburg-Breisgau, Germany. Filed Oct. 1, 1925, Serial No. 59,874, and in Germany Nov. 12, 1924. 1 Claim. (Cl. 244—21.)



A parachute comprising a pneumatic tyre fixed on the edge of the parachute and filled with compressed air to such an extent that the moderately inflated tyre may be folded up to adapt itself to the closed parachute.

1,626,564. INDEXING MECHANISM FOR GRINDING AND OTHER MACHINES. JOHN WILDSMITH SHARRY, Birmingham, England, assignor to The Gear Grinding Company Limited, Birmingham, England. Filed Jan. 2, 1926, Serial No. 79,046, and in Great Britain May 25, 1925. 3 Claims. (Cl. 90—56.)

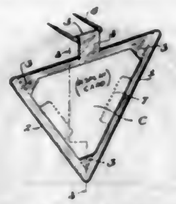


1. In indexing or dividing mechanism for grinding and other machines, the combination of an indexing or dividing plate formed with a toothed periphery, one face in each tooth being disposed radially to the centre of the plate, a spindle on which the plate is mounted, a positioning pawl formed with a flat end adapted to coact with the radial face of each of the teeth, a stationary pivot for the positioning pawl, a stop which limits the extent to which the positioning pawl can move into engagement with any tooth, an oscillatory arm carrying an actuating pawl adapted to move the plate from one position to the next, means for reciprocating the arm, said means including a spring which enables the actuating pawl to press the plate with definite pressure against the positioning pawl, and a cam for intermittently disconnecting the positioning pawl from the plate, substantially as described.

1,626,565. MARKING EXHIBITOR. EDWARD FRAGLER STANTON, Los Angeles, Calif. Filed July 9, 1926. Serial No. 121,464. 2 Claims. (Cl. 40—17.)

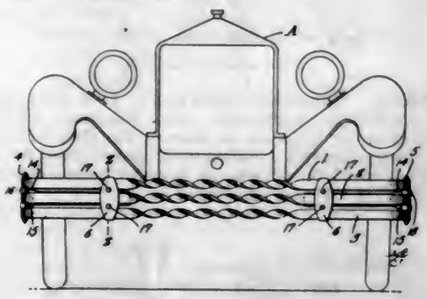
1. A device of the character described comprising a frame tapered towards one end thereof, webs integral with and spanning the corner portions of the frame, ears integral with the inner marginal portions of the frame sides and arranged laterally and inwardly of said webs

adapted to have supporting engagement with adjacent sides of a card, a flange upon the normally upper and remaining side of the frame bent inwardly whereby to lock



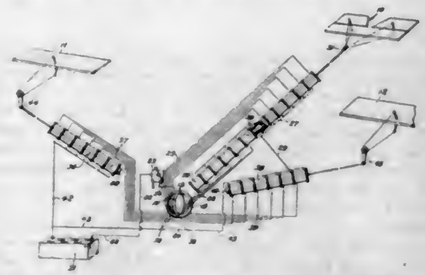
the card received between the webs and ears against longitudinal displacement from the frame, and attaching means connected to the normally upper side of the frame.

1,626,566. BUMPER. CHARLES EDWARD STEIN, Brea, Calif. Filed July 26, 1926. Serial No. 125,031. 4 Claims. (Cl. 293—55.)



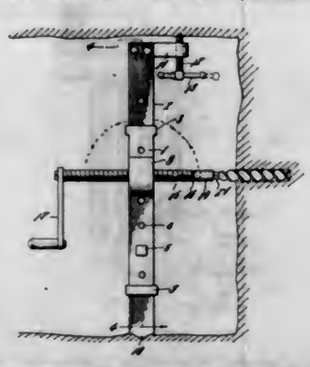
1. A bumper of the character described, comprising spaced superimposed bars having portions twisted into auger form.

1,626,567. STABILIZER FOR AIRCRAFT. HANS S. STEINBRECHT, New York, N. Y. Filed May 26, 1926. Serial No. 111,829. 2 Claims. (Cl. 244—29.)



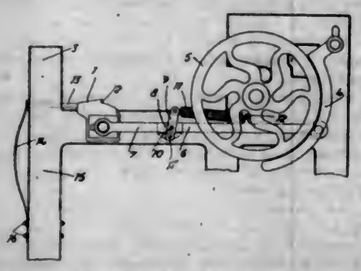
1. In combination with the elevator of an aircraft, actuating means therefor, a hollow annular ring adapted to be mounted in axial alignment with the center of gravity of an aircraft, two sets of contacts carried by said ring and insulated therefrom, each set being respectively provided on opposite sides of the axial center of said ring, two sets of solenoids arranged in axial alignment with each other and arranged in electric circuits with the respective sets of contacts, a sliding core normally positioned between the sets of solenoids and operatively connected with said actuating means, and a conductor element movable within said hollow ring and responsive to a longitudinal deviation of said ring with respect to its axial center for closing the circuits to energize the respective solenoids to move said core into the center of the magnetic field set up by the energized solenoids, a pair of ailerons, individual actuating means for each of said ailerons, a second annular ring stationarily mounted at right angle to the axis of said first ring, two sets of contacts on said ring and forming a unitary body therewith, each disposed on opposite sides of its axial center and insulated therefrom, a set of axially aligned solenoids arranged in an electric circuit with each set of contacts, a sliding core movable through the solenoids of each set and respectively connected with the individual actuating mechanism, and conductor elements movable within said last hollow ring on opposite sides of its axial center for engagement with the contacts of the respective sets for closing the circuits to energize the respective solenoids whereby to move the respective cores into the center of the magnetic field set up by the energized solenoids substantially as and for the purpose specified.

1,626,568. COAL DRILL OR BORING MACHINE. WILLIAM JAMES THOMAS, Coverdale, Pa. Filed Feb. 24, 1926. Serial No. 90,383. 1 Claim. (Cl. 255—46.)



A boring machine comprising a telescopic, upright, means for holding the parts of the upright in adjusted position, means for clamping the upright between the floor and ceiling of a tunnel, a bracket having a threaded hole therein, means for rotatably connecting the bracket with the upright, such means also permitting vertical adjustment of the bracket on the upright, a screw shaft engaging the threaded hole in the bracket, said shaft having each end square, a handle having square holes therein for receiving either end of the shaft, a bit having a square stem and a coupling having a square bore for fitting over the stem of the drill and either square end of the screw shaft.

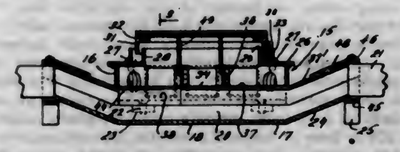
1,626,569. LOOM. JACINTO VENDRELL, Barcelona, Spain. Filed May 29, 1924, Serial No. 716,728, and in Spain Mar. 7, 1924. 2 Claims. (Cl. 139—346.)



1. In looms having fixed reeds, a crank shaft, and a frog adapted to be engaged by a stop rod dagger or finger to actuate the stopping mechanism, the combination of

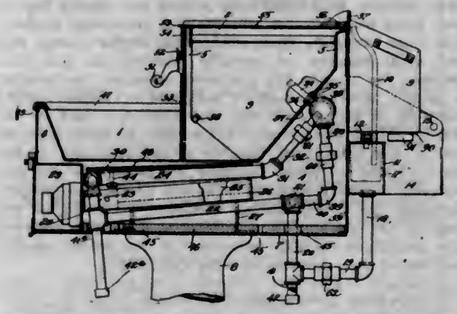
stopping mechanism comprising a brake shoe, means such as a fly wheel mounted upon the crank shaft of the loom to cooperate with the said brake shoe, a draw rod connecting said frog and said brake shoe, the said draw rod consisting of two parts movable longitudinally with respect to one another, means of connection between the parts of the said draw rod providing lost movement between the said parts, and means comprising a spring by which the relative movement of the parts of the said draw rod causes the gradual application of pressure by the brake shoe until the lost movement between the parts of the draw rod is taken up, substantially as hereinbefore described.

1,626,570. ELECTRICAL WIRING SYSTEM. HERVEY S. WALKER, Ardmore, Pa. Filed May 15, 1926. Serial No. 109,248. 22 Claims. (Cl. 247—3.)



1. A concealed wiring system for installation in the floor of a concrete building, comprising a network of ducts extending in different directions and lying within the floor at substantially the same level, boxes at the intersections of the ducts, each box having a body with openings for entrance of respective ducts and a neck opening substantially to the finished surface of the floor, and means including a cover for the neck and portions within the box body and neck forming transverse enclosed channels between the respective duct entrances whereby the channels have a cross-section substantially as great as the respective ducts and the over-all height of the box body is substantially less than twice the height of a single duct.

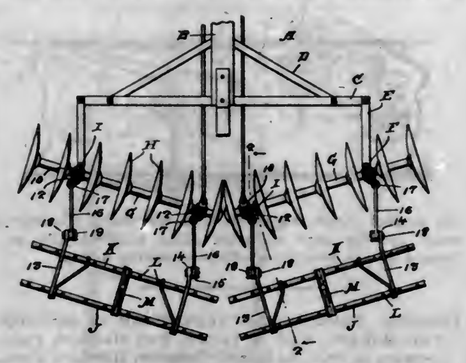
1,626,571. SHOE-BOTTOM-FILLING MACHINE. NORMAN J. WESTHAVER, Cambridge, Mass., assignor to George H. Maxwell, Phoenix, Ariz. Filed July 1, 1924. Serial No. 723,574. 30 Claims. (Cl. 18—1.)



1. In a machine of the kind described, the combination with a filler softening reservoir adapted to handle shoe-bottom filler which prior to use is normally self-sustaining but sluggishly fluid under moderate heat, of a heating unit or source of heat, a closed steam generator in the influence of said unit, said generator being formed of separate pipes, and means for delivering the steam from said generator into the filler within said reservoir.

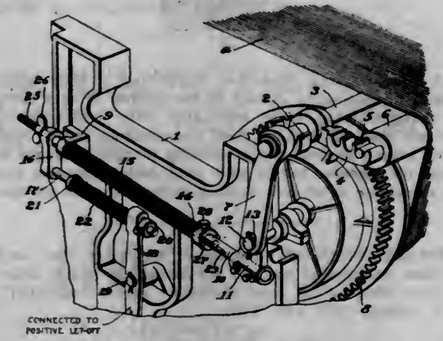
1,626,572. DRAG ATTACHMENT FOR DISK CULTIVATORS OR HARROWS. JOHN D. WIESE, Manson, Iowa. Filed Dec. 22, 1925. Serial No. 77,058. 2 Claims. (Cl. 97—8.)

1. In combination with a disk harrow including sets of disks adapted to be arranged at an angle, toothed harrows trailing behind the disk harrows in parallel relation thereto, the toothed harrows including forwardly extending arms having head portions at their forward ends, other arms vertically pivotally adjustably connected with



the heads at the forward ends of the first named arms, links carried by the second named arms, and connecting hooks mounted on the disk harrow structure and detachably engaged by the links.

1,626,573. LET-OFF MECHANISM FOR LOOMS. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Aug. 17, 1926. Serial No. 129,671. 7 Claims. (Cl. 139—110.)

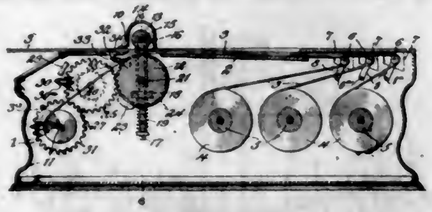


1. In a positive let-off mechanism for looms, the combination of a rocking whip roll carrier having an arm, and means between said arm and the let-off mechanism for controlling the rate of let-off, comprising, a tubular tension rod connected thereto, a movable abutment on the tension rod, a tension spring for said tension rod, a spring tension adjusting rod within the tubular tension rod having a part engaging the movable abutment, and means for adjusting the spring tension adjusting rod.

1,626,574. AUTOMATIC REGISTER. PHILIP A. JACKSON, Atlanta, Ga., assignor to The Egry Register Company, Dayton, Ohio, a Corporation of Ohio. Filed Feb. 16, 1922. Serial No. 537,079. 2 Claims. (Cl. 282—16.)

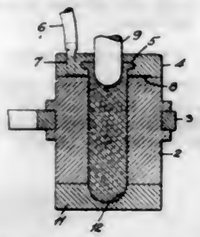
1. In an autographic register for feeding a plurality of paper sheets having spaced series of perforations, feeding rollers, means to actuate said rollers to feed said sheets, means to separate said rollers to interrupt the feeding of said sheets, means to automatically align said sheets comprising pins to receive the perforations in the sheets after they have passed through the feeding rollers

and rollers adapted to draw the sheets back against said pins during the separation of said feeding rollers, the several steps in the operation consisting of feeding



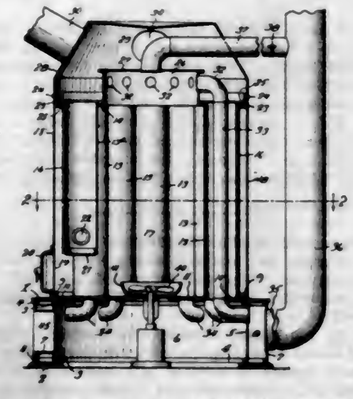
the desired length of sheets and realigning the sheets ready for the next operation being automatically performed by one revolution of the actuating means.

1,626,575. FABRICATING GLASSWARE IN SUCTION-FED MOLDS. KARL E. PEILER, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Oct. 14, 1925. Serial No. 62,334. 5 Claims. (Cl. 49—5.)



1. Glass-working apparatus comprising a body mold, means for producing suction in the interior of said mold, a charge-severing knife associated with said mold, a bottom mold adapted to close the charging end of said mold after charging, and a pressing plunger arranged to close the opposite end of said mold during charging and to thereafter enter said mold to press the glass therein.

1,626,576. FURNACE. GEORGE C. WEIDEMAN, Cleveland, Ohio, assignor of one-half to Thomas J. Smith, Cleveland, Ohio. Filed June 18, 1924. Serial No. 720,717. 4 Claims. (Cl. 126—116.)



1. A furnace of the character set forth comprising a combustion chamber including a plurality of conduits each adapted to conduct a fluid to be heated, the upper ends of said conduits being connected with a distributing chamber and the lower ends thereof being connected with a fluid supply chamber, a discharge chamber adjacent said fluid supply chamber and having an outlet, a plurality of pipes communicating with the upper portion of said combustion chamber and disposed within said conduits and connected to said discharge chamber, said pipes being adapted to conduct the heat and products of combustion from the upper portion of said combustion chamber downwardly through said conduits and into said discharge chamber whereby to supply heat to the interior of said conduits and means for heating the exterior of said conduits.

1,626,577. ARTIFICIAL STONE OR MARBLE. LON EDWARD WELCH, Memphis, Tenn. Filed Aug. 17, 1926. Serial No. 129,863. 1 Claim. (Cl. 106—29.)

A composition of matter of the character described comprising the reaction product of magnesium oxide and a filler mixed with an aqueous acetic acid including liquid composition containing magnesium chloride and zinc sulphate in substantially the proportions that would result from mixing substantially 1¾ gallons of substantially 2.1 specific gravity zinc sulphate solution with 100 gallons of 1.8 to 2.4 specific gravity magnesium chloride solution, the proportion of liquid composition being sufficient to wet the magnesium oxide.

1,626,578. ENVELOPE. JOSEPH C. WALTERS, Waterbury, Conn. Filed Feb. 16, 1926. Serial No. 88,656. 1 Claim. (Cl. 229—85.)



An envelope including a body portion open at one end and composed of a pair of body members, one of said body members having an extension at the open end of the body, a closure flap integrally joined upon a transverse fold line with the outer end of said extension and adapted to be folded onto the adjacent end of the other body member, an adhesive for joining the closure flap to said other body member when folded, transverse perforation lines extending from side to side of the closure flap and said extension at opposite sides of the fold line between the closure flap and said extension for forming a quickly detachable section composed of folded similar members of the closure flap and extension, and an inwardly folded and return bent tongue integral with an end of said other body member at the open end of the body of the envelope arranged to assume a position between the body members inwardly of the line of perforations for preventing an inclosure contained in the body of the envelope from shifting to a position between the detachable member composed of the folded similar sections of the extension and the closure flap.

1,626,579. PROCESS FOR OBTAINING A CULTURE MIXTURE FOR FERTILIZER PRODUCTION. CARL ARTHUR BAUMGARTEN-CRUSIUS, Dresden, Germany. Filed Feb. 12, 1926, Serial No. 87,942, and in Germany Jan. 23, 1923. 1 Claim. (Cl. 71—10.)

A process of obtaining a culture mixture for fertilizer production, which comprises subjecting a separate lot of decomposing farm soil, horse manure, forest soil and the like to a temperature of approximately 60° centigrade for a period of about 20 minutes in order to completely or partially destroy undesired bacteria, thereupon dividing said separate lot into two portions, sterilizing one of said portions, dividing the second of said portions into two separate parts, maintaining one of said parts under anaerobic conditions and the other part under

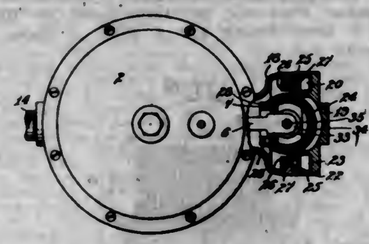
aerobic conditions at a temperature favorable to the development of bacteria, thereupon lixiviating said two parts, adding the resulting liquid to the sterilized portion of said lot, mixing the thus inoculated portions together and adding said mixture to a mixture which contains food for the bacteria, and consists of farm soil, horse manure, beech leaves and peat.

1,626,580. ATTACHING PLUG. THOMAS D. FINIZIO, Yorktown Heights, N. Y. Filed Aug. 11, 1921. Serial No. 491,400. 5 Claims. (Cl. 173—332.)



1. A device of the character described comprising a rigid plate having a longitudinal groove therein, guides extending upwardly from the opposite edges of said plate, a movable plate having a longitudinal groove therein registering with the groove in said rigid plate, projections on the opposite edges of said movable plate and working within said guides, and a spring secured at one end to said rigid plate and having its free end engaging said movable plate at a point about midway between the ends of said movable plate, substantially as specified.

1,626,581. GAS REGULATOR. FLOYD GAUNT, MYRON B. REYNOLDS, and RALPH C. HUGHES, Anderson, Ind., assignors to Reynolds Gas Regulator Co., Anderson, Ind., a Corporation of Indiana. Filed Nov. 12, 1926. Serial No. 147,926. 5 Claims. (Cl. 50—26.)



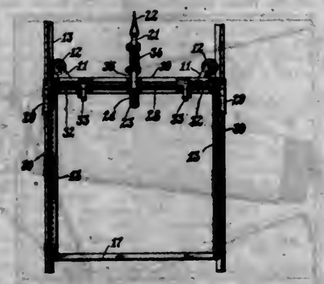
3. In a pressure regulator having a casing provided with a valve housing having an opening in its end wall, a removable cover for said opening, a pressure responsive element, a valve operating lever operatively and detachably connected with said pressure responsive element, a yoke support between the free ends of which the lever is pivoted, said support being detachably mounted in said housing and removable through the opening in the wall thereof.

1,626,582. DETACHABLE METAL BUTTON. WARREN F. KAYNOR, Waterbury, Conn., assignor to Waterbury Button Company, Waterbury, Conn., a Corporation of Connecticut. Filed Feb. 20, 1926. Serial No. 89,627. 4 Claims. (Cl. 24—113.)



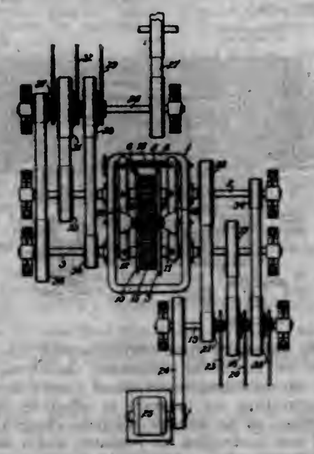
1. In a hollow button, a shell member having perforations in its top surface, a disc visible through said perforations, said disc having a color matching the garment upon which the button is to be worn, said button being open in its bottom and adapted to be detachably mounted on a common solid button sewed to said garment, said common button lying in contact with said disc and holding it against the perforated top of said hollow button.

1,626,583. ELEVATOR SAFETY STOP. GERGELY ORDOG, Ellis Island, N. Y. Filed Nov. 24, 1924. Serial No. 751,737. 1 Claim. (Cl. 187—83.)



In a device of the class described, an elevator car, shafts mounted thereon, pawls fixed to the outer end of the shafts, racks fixed adjacent the elevator car, the said pawls being engageable with the racks, a cable connected to the elevator car for operating purposes, means associated with the cable and the elevator car for engaging the pawls against the racks upon the breaking of the cable, arms fixed to the said shafts, and springs co-axial on the shafts, one end of each spring being fixed to a stationary part of the elevator car, and the other end to each arm, the said springs normally helping to urge the pawls into engagement with the racks.

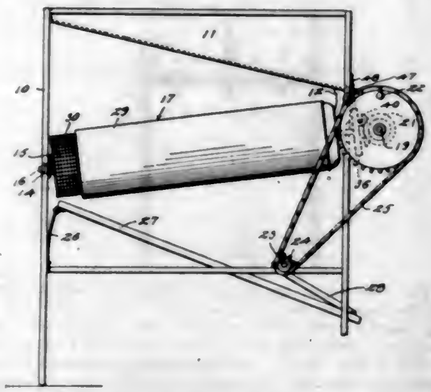
1,626,584. METHOD CONTROLLING THE SPEED OF DRIVEN MEMBERS. PAUL B. REEVES, Columbus, Ind., assignor to Reeves Pulley Company, Columbus, Ind., a Corporation of Indiana. Filed Apr. 5, 1924. Serial No. 704,395. 1 Claim. (Cl. 74—57.)



The method of operating a driven shaft from a driving shaft, having interposed between them a speed changing mechanism including a pair of power shafts, which consists in driving one of said power shafts at a predetermined minimum speed and driving the driven shaft from the second shaft of the transmission, operating said transmission to increase the speed of the second power shaft, then driving said second power shaft direct from

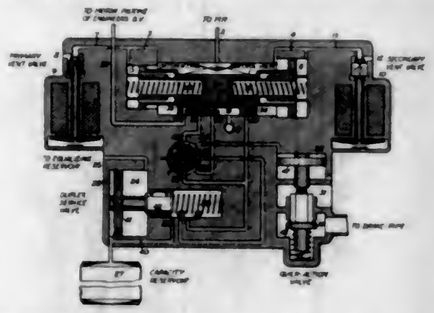
the driven shaft at said increased speed, then driving said driven shaft from the first power shaft of the transmission and operating the transmission to increase the speed of the first power shaft.

1,626,585. GRAIN SEPARATOR. NAFORD B. SANDVIG, Grafton, N. Dak. Filed Dec. 21, 1925. Serial No. 76,760. 2 Claims. (Cl. 209—287.)



1. A driving means including a driven shaft, a peripherally notched wheel fixed on the driven shaft, a gear loosely mounted on the driven shaft, a spring connecting the wheel and gear, projections on the wheel and gear for causing positive driving connection therebetween, and a resiliently held member engaged in the notched wheel for imparting forward increased rotative impulses and stopping movements to the driven shaft.

1,626,586. AUTOMATIC BRAKE-CONTROL APPARATUS. FRANK DESMOND SPRAGUE, Brooklyn, N. Y. Filed Nov. 20, 1923. Serial No. 675,853. 29 Claims. (Cl. 303—18.)



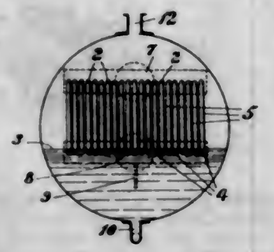
3. In an automatic train control system, the combination with an air brake equipment embodying a brake pipe and an equalizing reservoir, of a vent device to reduce a controlling air pressure to effect an application of the brakes, an air storage reservoir charged from the source of said controlling air pressure, and a vent device having a piston with a connection from one side of the piston to the said storage reservoir, a connection from the other side of the piston to the source of said controlling air pressure and a third connection to the said vent device, and valve means actuated by the piston to control communication between said vent device and that side of the piston which communicates with the said source of controlling air pressure.

1,626,587. ARCTIC OR GAITER. GEORGE C. THOMAS, Malden, Mass., assignor to Converse Rubber Shoe Co., a Corporation of Massachusetts. Filed May 10, 1924. Serial No. 712,346. 5 Claims. (Cl. 36—50.)



1. In a gaiter, the combination with a foot portion, of an instep covering portion extended upwardly to form a bellows tongue, side flaps to which the bellows tongue is attached, foldable over the bellows tongue, a cuff turned downwardly from the upper edges of the side flaps, securing means, carried by one of the flaps and detachably secured to the other flap, for holding the side flaps folded over each other and over the bellows tongue, and a second securing means positioned underneath the cuff for imposing a circumferential restricting force around the upper part of the gaiter, underneath the cuff.

1,626,588. DISTILLATION OF TAR AND THE LIKE. WILLIAM BROWN DAVIDSON, ARTHUR CUMMING MICHIE, and ERNEST WALTER MUDDIMAN, Newcastle-on-Tyne, England. Filed Apr. 23, 1926, Serial No. 104,168, and in Great Britain Apr. 1, 1925. 1 Claim. (Cl. 196—5.)



Apparatus for distilling liquids which froth when heated, comprising a liquid container having an inlet pipe near the bottom, an outlet pipe for maintaining a predetermined liquid level within the container, whereby a vapor space is maintained within the container above the level of the liquid, a plurality of froth disintegrating heating tubes within said vapor space, a plurality of liquid heating tubes positioned slightly below the normal liquid level, each of said heating tubes being directly connected with one of the froth disintegrating tubes, said froth disintegrating tubes having no connections within the container but being connected with a common inlet header exteriorly of the container and said liquid heating tubes having no connections within the container but being connected by a common outlet header exteriorly thereto, whereby a supply of heating fluid may be caused to circulate through said froth disintegrating tubes and also through said immersed heating tubes, the supply of heat being temporarily retarded upon engagement of froth with the froth disintegrating tubes and the heating fluid being discharged from each of said immersed tubes through the common outlet header.

Apr. 5, 1927

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

A. B. T. Mfg. Co., Chicago, Ill. Vending machines. 226,236; Apr. 5; Serial No. 240,284; published Jan. 25, 1927.

Aktiebolaget P. Håkansson, Eslov, Sweden. Antiseptic compound, perfumes, hair washes, and mouth washes. 226,192; Apr. 5; Serial No. 229,210; published Jan. 25, 1927.

Aktienbrauerei zum Löwenbräu in München, Munich, Germany. Yeast. 59,913; renewed Jan. 22, 1927.

All-Styles Hanger Co. (See Large, Florence.)

Allied Golf Company, Chicago, Ill. Golf bags. 226,202; Apr. 5; Serial No. 237,584; published Jan. 25, 1927.

American Bosch Magneto Corporation, Springfield, Mass. Windshield wipers of the squeegee types. 226,400; Apr. 5; Serial No. 239,911; published Jan. 25, 1927.

American Bottlers of Carbonated Beverages, Washington, D. C. Tablets of a chemical composition used as a means of testing the alkaline strength of washing solutions. 226,429; Apr. 5.

American Cellulose & Chemical Manufacturing Company, Ltd., The, New York, N. Y. Pyjamas, negligee shirts, collars, scarfs, etc. 226,304; Apr. 5; Serial No. 240,382; published Jan. 18, 1927.

American Cereal Company, The, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa., assignor to The Quaker Oats Company, Chicago, Ill. Flours and meals. 64,123; renewed July 23, 1927.

American Cereal Company, The, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Cereal foods. 64,270; renewed July 30, 1927.

American Coffee Corporation, Jersey City, N. J. Coffee. 226,391; Apr. 5; Serial No. 240,122; published Jan. 25, 1927.

American Crayon Company, The, Sandusky, Ohio. Crayons. 226,200; Apr. 5; Serial No. 241,511; published Jan. 27, 1927.

American Crayon Company, The, Sandusky, Ohio. Adhesive pastes. 226,456; Apr. 5.

American Diamalt Company, The. (See Erste Wiener Export Malzfabrik Hauser & Sobotka, assignor.)

American Hide and Leather Company, Boston, Mass. Side upper leather. 226,411; Apr. 5; Serial No. 239,076; published Jan. 18, 1927.

American News Company, Inc., The, New York, N. Y. Writing paper, pads, and tablets. 226,190; Apr. 5; Serial No. 226,460; published Jan. 25, 1927.

Angell, Fred L., doing business as Maid Rite Hamburg Company, Muscatine, Iowa. Sandwiches. 226,237; Apr. 5; Serial No. 240,287; published Jan. 18, 1927.

Archer Rubber Company, Milford, Mass. Rubber fabric in the piece. 226,275; Apr. 5; Serial No. 238,889; published Jan. 11, 1927.

Arco Battery & Plate Co., doing business as Armstrong Battery Co., Fort Wayne, Ind., and Chicago, Ill. Battery plates and ignition storage batteries. 226,279; Apr. 5; Serial No. 240,840; published Jan. 18, 1927.

Armstrong, A. J., Co. Inc., New York, N. Y. Men's and boys' nainsook athletic underwear of textile fabric. 226,271; Apr. 5; Serial No. 237,717; published Jan. 25, 1927.

Armstrong Battery Co. (See Arco Battery & Plate Co.)

Aroc Manufacturing Company. (See McAllister, Cora.)

Artsyl Clothing Company. (See Shakin, Herman.)

Atlantic Drier & Varnish Company, Philadelphia, Pa. Spar varnish. 226,378; Apr. 5; Serial No. 234,611; published Aug. 17, 1926.

Atlas Cement Co., to The Atlas Portland Cement Company, New York, N. Y., successor. Portland cement. 30,311; renewed June 29, 1927.

Autopiano Company, The, New York, N. Y. Self-playing pianos and piano players. 226,211; Apr. 5; Serial No. 238,479; published Jan. 18, 1927.

Baker-Moise Company, Dallas, Tex. Hosiery. 226,209; Apr. 5; Serial No. 238,300; published Jan. 18, 1927.

Bamforth & Groot, South Manchester, Conn. Toy target gun. 226,229; Apr. 5; Serial No. 240,125; published Jan. 25, 1927.

Baridon, Louis R., assignor, by mesne assignments, to McEwen-Cameron Limited, doing business as L. R. Baridon, registered, Montreal, Canada. Cough remedy. 29,660; renewed Feb. 23, 1927.

Barker Shoe Company, Auburn, Me. Shoes. 226,328; Apr. 5; Serial No. 239,609; published Jan. 25, 1927.

Barnet Leather Co., Inc., New York, N. Y. Leather. 226,402–3; Apr. 5; Serial Nos. 239,960–1; published Jan. 18, 1927.

Bartlett, Stephen L., assignor to Stephen L. Bartlett Company, Boston, Mass. Powdered cocoa for drinking or cooking. 29,740; renewed Mar. 23, 1927.

Bates-Dow Company, Inc., Brooklyn, N. Y. Shoes. 226,326; Apr. 5; Serial No. 239,458; published Jan. 25, 1927.

Battle & Company, Chemists' Corporation, St. Louis, Mo. Anodyne. 63,428; renewed June 18, 1927.

Battle & Company, Chemists' Corporation, St. Louis, Mo. Chemical or medical preparation used as an alterative. 63,429; renewed June 18, 1927.

Battle & Company, Chemists' Corporation, St. Louis, Mo. Chemical or medical preparation used as an hypnotic. 63,430; renewed June 18, 1927.

Battle & Company, Chemists' Corporation, St. Louis, Mo. Antipurulent. 63,431; renewed June 18, 1927.

Behr, Herman, & Company, Incorporated, Brooklyn, N. Y. Abrasive papers and cloths. 226,251; Apr. 5; Serial No. 240,800; published Jan. 25, 1927.

Beiersdorf, P., & Co., Hamburg, Germany, assignor to Lehn & Fink, Inc., New York, N. Y. Tooth paste and powder. 61,678; renewed Apr. 2, 1927.

Bell Coal Company, The, Columbus, Ohio. Coal. 226,332; Apr. 5; Serial No. 239,789; published Jan. 25, 1927.

Bender, Heinrich & Co., assignor, by mesne assignments, to Vereinigte Werke Bender & Mayer G. m. b. H., Worms, Germany. Pumice stones for grinding purposes. 29,731; renewed Mar. 23, 1927.

Berman, Samuel H., doing business as Style-Crest Cap Company, Louisville, Ky. Caps. 226,329; Apr. 5; Serial No. 239,636; published Jan. 25, 1927.

Binz, Edward G., Company, Los Angeles, Calif. Eucalyptus oil contained in capsules or globules of gelatin. 226,194; Apr. 5; Serial No. 229,773; published Jan. 25, 1927.

Bird, John, Company, Rockland, Me. Spices, mustard, and flavoring extracts. 64,524; renewed Aug. 13, 1927.

Bishop & Company, Los Angeles, Calif. Chocolate candy. 226,166; Apr. 5; Serial No. 230,713; published July 13, 1926.

Black Diamond Coal Mining Company, Drakesboro, Ky. Coal. 226,170; Apr. 5; Serial No. 232,865; published Aug. 17, 1926.

Blakesley-Tuttle Stove Co., by change of name to The Security Stove & Mfg. Co., Kansas City, Mo. Heating and cooking stoves and ranges. 58,213; renewed Dec. 11, 1926.

Blue Valley Creamery Company, St. Joseph and Chicago, Ill., assignor to Blue Valley Creamery Company, Wilmington, Del., and Chicago, Ill. Butter. 64,720–1; renewed Aug. 20, 1927.

Blumenthal, William, Philadelphia, Pa. Men's, boys', and children's overcoats, suits, and topcoats. 226,243; Apr. 5; Serial No. 240,481; published Jan. 18, 1927.

Bochmann, F. A., & Co., Inc., Philadelphia, Pa. Worsted and woolen dress goods. 226,384–6; Apr. 5; Serial Nos. 239,225–7; published Jan. 25, 1927.

Boenning, Philip J., Baltimore, Md. Remedy for colds, grippe, chills, etc. 226,365; Apr. 5; Serial No. 238,424; published Jan. 25, 1927.

Boott Mills, Lowell, Mass. Cotton, wool, silk, rayon piece goods, or combinations thereof, motor robes, etc. 226,446; Apr. 5.

Boston Rubber Shoe Co., Boston and Malden, Mass., to Boston Rubber Shoe Company, Melrose and Malden, Mass. Rubber boots and shoes. 29,908; renewed Apr. 27, 1927.

Boston Rubber Shoe Co., Boston, Mass., to Boston Rubber Shoe Company, Malden and Melrose, Mass. Rubber boots and shoes. 30,031; renewed May 18, 1927.

Brasco Manufacturing Company, Chicago, Ill. Moldings used in window sash and store-front construction. 226,418; Apr. 5; Serial No. 239,735; published Jan. 18, 1927.

Briggs & Stratton Corporation, Milwaukee, Wis. Battery eliminators. 226,247; Apr. 5; Serial No. 240,593; published Jan. 18, 1927.

Burger, Benno C., Cleveland, Ohio. Food beverage. 226,308; Apr. 5; Serial No. 240,526; published Jan. 25, 1927.

Burger, Wm., & Son, Inc., doing business as Royal Society Clothes, New York, N. Y. Suits and overcoats. 226,162; Apr. 5; Serial No. 219,375; published Jan. 18, 1927.

Burnham-Munger-Root Dry Goods Company, Kansas City, Mo. Athletic underwear, undershirts, shirts, etc. 226,183; Apr. 5; Serial No. 216,319; published Jan. 26, 1926.

Burson Knitting Company, Rockford, Ill. Hosiery. 226,438; Apr. 5.

Cable-Nelson Piano Company, The, South Haven, Mich. Pianos. 226,244; Apr. 5; Serial No. 240,530; published Jan. 18, 1927.

Calaveras Cement Company, San Francisco, Calif. Cement. 226,206; Apr. 5; Serial No. 238,208; published Jan. 11, 1927.

Calaveras Cement Company, San Francisco, Calif. Cement. 226,367; Apr. 5; Serial No. 238,207; published Jan. 11, 1927.

Caldwell, Frank H., doing business as Kay See Products Company, Kansas City, Mo. Malt sirup. 226,320; Apr. 5; Serial No. 238,429; published Jan. 25, 1927.

California Packing Corporation. (See Griffin & Skelley Co., assignor.)

Cannon Valley Milling Company, Minneapolis, Minn. Wheat flour. 226,230; Apr. 5; Serial No. 240,128; published Jan. 25, 1927.
Canton Glass Company, The, Marion, Ind. Eyecup. 226,174; Apr. 5; Serial No. 233,601; published Jan. 18, 1927.
Centemeri, P., & C., New York, N. Y. Skins. 226,311; Apr. 5; Serial No. 240,847; published Jan. 25, 1927.
Chain Shirt Shops Inc., New York, N. Y. Cloaks, overcoats, sweaters, bath robes, bathing suits, underwear, hats, etc. 226,165; Apr. 5; Serial No. 227,775; published Jan. 18, 1927.
Charter Oak Stove & Range Company, St. Louis, Mo. Stoves. 226,330; Apr. 5; Serial No. 239,699; published Jan. 25, 1927.
Chase & Sanborn, Boston, Mass. Tea. 61,050; renewed Mar. 5, 1927.
Chateau Cheese Company Limited, Ottawa, Ontario, Canada. Cheese. 226,374; Apr. 5; Serial No. 236,868; published Jan. 11, 1927.
Cheramy, Inc., New York, N. Y. Toilet soap and shaving cream. 226,428; Apr. 5.
Cherokee Mill & Elevator Company, The, Cherokee, Okla., assignor, by mesne assignments, to The Kansas Flour Mills Corporation, Kansas City, Mo. Wheat flour. 58,552; renewed Dec. 18, 1926.
Chicago Flexible Shaft Company, Chicago, Ill. Animal shearing or clipping machines. 64,351; renewed Aug. 6, 1927.
Childs, Robert A., Syracuse, N. Y. Musical instruments. 61,401; renewed Mar. 19, 1927.
Chiron Bros., Florida, N. Y. Onions in their natural state. 226,361; Apr. 5; Serial No. 240,641; published Jan. 25, 1927.
Chula Vista Citrus Association, Chula Vista, Calif. Oranges, lemons, and grapefruit. 226,380; Apr. 5; Serial No. 235,118; published Jan. 18, 1927.
Cifuentes, Fernandez y Ca., assignor to Cifuentes, Pego y Compania, Habana, Cuba. Cigars. 60,516; renewed Feb. 12, 1927.
Clark, H. W., Biscuit Co., North Adams, Mass. Biscuits and crackers. 226,375; Apr. 5; Serial No. 236,869; published Jan. 25, 1927.
Cleveland Rock Drill Company, The, Cleveland, Ohio. Fluid-controlling valves. 226,462; Apr. 5.
Colburn, Mrs. Exzene T., doing business as Mrs. Exzene Colburn, Chicago, Ill. Pie dough. 226,176; Apr. 5; Serial No. 234,095; published Jan. 25, 1927.
Colorado Overall Manufacturing Company, The, Denver, Colo. Overalls. 226,267; Apr. 5; Serial 237,358; published Jan. 25, 1927.
Concordia Milling Company, Concordia, Kans. Wheat flour. 62,937; renewed May 28, 1927.
Connecticut Telephone & Electric Company, Incorporated, The, Meriden, Conn. Condensers, breaker-plate assemblies, rheostats, etc. 226,225; Apr. 5; Serial No. 240,019; published Jan. 18, 1927.
Consolidated Cork Corporation, Brooklyn, N. Y. Crown caps for bottles. 226,357; Apr. 5; Serial No. 240,848; published Jan. 25, 1927.
Consolidated Leaf Tobacco Co., Chicago, Ill. Leaf tobacco. 226,424; Apr. 5.
Co-Operative Foundry Co., Rochester, N. Y. Stoves, ranges, furnaces, and heaters. 62,721; renewed May 21, 1927.
Cordo-Hyde Company, Brockton, Mass. Shoe trees and fillers. 226,360; Apr. 5; Serial No. 240,643; published Jan. 25, 1927.
Corn Fix Co., Newark, N. J. Remedy for corns, calli, and bunions. 226,256; Apr. 5; Serial No. 234,103; published Jan. 25, 1927.
Cory, Susanna A., Minneapolis, Minn. Play suits. 226,397; Apr. 5; Serial No. 240,537; published Jan. 25, 1927.
Cosby, W. M., Flour & Grain Co., Birmingham, Ala. Plain and self-rising flour. 226,379; Apr. 5; Serial No. 234,662; published Jan. 25, 1927.
Cowan, H. V., doing business as H. V. Cowan, Inc., Los Angeles, Calif. Sink cabinets. 226,443; Apr. 5.
Cream of Wheat Company, Minneapolis, Minn. Wheat breakfast food. 63,805–7; renewed July 9, 1927.
Crew, James E., Mendota, Calif. Fresh asparagus. 226,353; Apr. 5; Serial No. 241,397; published Jan. 25, 1927.
Crisp, S. A., Canine Co., Blacksburg, S. C. Running-fit remedy. 226,393; Apr. 5; Serial No. 240,402; published Jan. 25, 1927.
Crisp, S. A., Canine Company, Blacksburg, S. C. Remedy for black tongue. 226,394; Apr. 5; Serial No. 240,403; published Jan. 25, 1927.
Curtiss Candy Company, The, Chicago, Ill. Candy and candy bars. 226,205; Apr. 5; Serial No. 238,051; published Jan. 18, 1927.
Dawn Donut Company of Jackson, Jackson, Mich. Doughnuts and doughnut mixture. 226,173; Apr. 5; Serial No. 233,481; published Jan. 25, 1927.
Debevoise, Chas. R., Co., Newark, N. J., and New York, N. Y. Bust confiner. 226,358; Apr. 5; Serial No. 240,808; published Jan. 25, 1927.
Decle, Helen. (See Walsh, Josephine H.)
Dent, Charles H., doing business as Dent Chemical Company, Grand Rapids, Mich. Toilet waters, perfumes, face powders, etc. 226,422; Apr. 5.
Diana Laboratories Inc., St. Louis, Mo. Therapeutic composition. 226,454; Apr. 5.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Pencils. 226,182; Apr. 5; Serial No. 215,556; published Jan. 25, 1927.
Doehler Die-Casting Co., Brooklyn, N. Y. Die-casting metal and die castings. 226,240; Apr. 5; Serial No. 240,347; published Jan. 11, 1927.
Dolgeville Felt Shoe Company, Dolgeville, N. Y. Footwear. 63,044; renewed June 4, 1927.
Dorrance, Sullivan & Company, New York, N. Y. Periodical publication in bulletin form. 226,195; Apr. 5; Serial No. 230,386; published Nov. 23, 1926.
Douglass, Nelson, jr., doing business as The Ultimate Transmitter Co., Los Angeles, Calif. Radio transmitting devices, telegraph instruments. 226,407–8; Apr. 5; Serial Nos. 230,201–2; published Jan. 18, 1927.
Dousang, Louis, Chicago, Ill. Laxative herb preparation. 226,450; Apr. 5.
Dumouchel, Johanna, doing business as Dumouchel's Art-Stone Co., Kalamazoo, Mich. Modeling compound. 226,310; Apr. 5; Serial No. 240,811; published Jan. 25, 1927.
Dunham, Carrigan & Hayden Co., San Francisco, Calif. Edge tools. 60,972; renewed Feb. 26, 1927.
Dunham, Carrigan & Hayden Co., San Francisco, Calif. Cutlery and edge tools. 61,440–1; renewed Mar. 19, 1927.
Eagle Roller Mill Company, New Ulm, Minn. Wheat flour. 62,648–50; renewed May 21, 1927.
East Highland Citrus Association. (See Gore, Thomas.)
Edgerton Manufacturing Co., The, Plymouth, Ind. Woodsplint bushel baskets for shipping fruit and vegetables. 226,186; Apr. 5; Serial No. 222,977; published Jan. 25, 1927.
Edmiston, William L., Visalia, Calif. Liniment. 226,193; Apr. 5; Serial No. 229,506; published Jan. 25, 1927.
Edo Aircraft Corporation, College Point, N. Y. Aeroplanes. 226,219; Apr. 5; Serial No. 238,957; published Jan. 25, 1927.
Electric Refrigeration Corporation. (See Leonard Refrigerator Company, assignor.)
Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Electric vacuum cleaners and parts thereof. 226,201; Apr. 5; Serial No. 237,316; published Jan. 18, 1927.
Empire Valve Company. (See Irvaly, John F.)
Enfield Pottery & Tile Works, Incorporated, The, Enfield, Pa. Tile. 226,180; Apr. 5; Serial No. 208,748; published Jan. 18, 1927.
Ennis-Hanly-Blackburn Coffee Company, The. (See Gordon Coffee & Spice Company, The.)
Enterprise Manufacturing Company, The. (See Lowe, William T. J., assignor.)
Erste Wiener Export Malzfabrik Hauser & Sobotka, Stadlau-Wien, Austria, assignor to The American Diamalt Company, Cincinnati, Ohio, and New York, N. Y. Malt size for threads and yarns. 64,546; renewed Aug. 13, 1927.
Erste Wiener Export Malzfabrik Hauser Sobotka, Stadlau-Wien, Austria, assignor to The Amercan Diamalt Company, Cincinnati, Ohio, and New York, N. Y. Concentrated malt extract used for making bread. 64,590; renewed Aug. 13, 1927.
Everett, Aughenbaugh & Co., Waseca, to Everett, Aughenbaugh & Co., Minneapolis, Minn., successor. Wheat, rye, and buckwheat flour, and other cereal food products. 29,950–1; renewed May 4, 1927.
Exner, Emil J. R., assignor to Carl Mampe A.-G., Berlin, Germany. Bitters. 61,682; renewed Apr. 2, 1927.
Fageol, Rollie B., Los Angeles, Calif. Toys. 226,212; Apr. 5; Serial No. 238,645; published Jan. 25, 1927.
Ferncliff Feed & Grain Co., Louisville, Ky. Feed and feedstuffs for horses, etc. 226,377; Apr. 5; Serial No. 234,388; published Jan. 25, 1927.
Ferrero Bros., Oakland, Calif. Olive oil. 226,257; Apr. 5; Serial No. 234,264; published Jan. 25, 1927.
Ferris, F. A., & Co., Inc., New York, N. Y. Bacon. 226,316; Apr. 5; Serial No. 241,095; published Jan. 25, 1927.
Firth, Thos., & Sons, Limited, Sheffield, England. Files and knives for machines for wood and metal working, penknives, etc. 226,172; Apr. 5; Serial No. 233,366; published Jan. 25, 1927.
Fischer, C. H., & Co., New York, N. Y., assignor, by mesne assignments, to The Ultramarine Company, Jersey City, N. J., and New York, N. Y. Washing blue. 29,682; renewed Mar. 9, 1927.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Vehicle tires and rubber inner tubes therefor. 226,287; Apr. 5; Serial No. 241,405; published Jan. 25, 1927.
Fitz Patrick, A. L., Philadelphia, Pa. Dogs and horses. 226,349; Apr. 5; Serial No. 237,731; published Jan. 11, 1927.
Fluegelman, N., & Co., Inc., New York, N. Y. Women's, misses', and children's drawers, slips, bath robes, etc. 226,324; Apr. 5; Serial No. 238,959; published Jan. 4, 1927.
Fortune Bros. Brew Co., assignor to J. L. Fortune and W. J. Fortune, doing business as a firm, Chicago, Ill. Lager beer. 60,377; renewed Feb. 5, 1927.
Franklin, H. H., Mfg. Co., Syracuse, N. Y. Automobiles and parts thereof other than rubber tires. 64,706; renewed Aug. 20, 1927.

Franklin Simon & Co. Inc., New York, N. Y. Fancy jewelry. 226,233; Apr. 5; Serial No. 240,246; published Jan. 18, 1927.
Franklin Simon & Co. Inc., New York, N. Y. Fancy jewelry. 226,298; Apr. 5; Serial No. 240,247; published Jan. 18, 1927.
Freed Bros., doing business as Style Coat House, New York, N. Y. Women's and misses' coats. 226,455; Apr. 5.
French Beauty Products Co., Inc., New York, N. Y. Soap creams and toilet soaps. 226,323; Apr. 5; Serial No. 238,851; published Jan. 25, 1927.
G. F. Manufacturing Company. (See Godwin, Tom.)
Gallatin Valley Milling Company, Seattle, Wash. Wheat flour. 226,417; Apr. 5; Serial No. 239,706; published Jan. 25, 1927.
Gardiner, J. B. W., Incorporated, New York, N. Y. Water emulsions of bituminous materials. 226,276; Apr. 5; Serial No. 238,903; published Jan. 11, 1927.
General Aluminum Products Co., Los Angeles, Calif. Automobile and truck bodies. 226,270; Apr. 5; Serial No. 237,660; published Jan. 25, 1927.
General Fireproofing Co., The, assignor to Truscon Steel Company, Youngstown, Ohio. Expanded metal structures. 64,703; renewed Aug. 20, 1927.
General Motors Corporation, Detroit, Mich. Automobiles. 226,207; Apr. 5; Serial No. 238,212; published Jan. 25, 1927.
General Seafoods Corporation, Gloucester, Mass. Fish, oysters, crabs, etc. 226,413; Apr. 5; Serial No. 239,299; published Jan. 25, 1927.
Ghianda, A., Thermalito, Calif. Fresh deciduous and citrous fruits, dried fruits, and fresh figs. 226,368; Apr. 5; Serial No. 241,409; published Jan. 25, 1927.
Glika, J. A., to J. A. Glika A. G., Berlin, Germany, successor. Kümmel or cordial. 60,231; renewed Jan. 29, 1927.
Gillette Safety Razor Company, Boston, Mass. Surgical knives and parts thereof. 226,344; Apr. 5; Serial No. 227,010; published Jan. 25, 1927.
Glimer L. H., Co., Tacony, Philadelphia, Pa. Transmission lining. 226,253; Apr. 5; Serial No. 233,067; published Jan. 18, 1927.
Giorgetti, L., & Co., Minkler, Calif. Fresh deciduous fruits. 226,294; Apr. 5; Serial No. 241,410; published Jan. 25, 1927.
Gladwin Ltd., Sheffield, England. Table and other household knives, forks, spoons, etc. 226,262; Apr. 5; Serial No. 236,480; published Jan. 18, 1927.
Godwin, Tom, doing business as G. F. Manufacturing Company, Exira, Iowa. Brooder houses, hog houses, and coops. 226,350; Apr. 5; Serial No. 236,927; published Jan. 11, 1927.
Gold Hosiery Company, New York, N. Y. Hosiery. 226,179; Apr. 5; Serial No. 207,459; published Jan. 25, 1927.
Goldberg, Dora, doing business as Sparkle Chemical Company, Brooklyn, N. Y. Metal and glass polish. 226,289; Apr. 5; Serial No. 241,479; published Jan. 25, 1927.
Goldman-O'Brien-Nassauer Mfg. Co., St. Louis, Mo. Ladies' hats. 226,334; Apr. 5; Serial No. 240,075; published Jan. 25, 1927.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Rubber tires. 62,266; renewed Apr. 30, 1927.
Gordon Coffee & Spice Company, The, to The Ennis-Hanly-Blackburn Coffee Company, Kansas City, Mo., successor. Roasted coffee. 60,654; renewed Feb. 19, 1927.
Gore, Thomas, doing business as East Highland Citrus Association, East Highland, Calif. Oranges, lemons, and grapefruit. 226,177; Apr. 5; Serial No. 234,118; published Jan. 18, 1927.
Gottlieb, Joseph, doing business as "Sebinite Watch Co.," New York, N. Y. Watches, watch movements, and parts thereof. 226,161; Apr. 5; Serial No. 211,679; published Jan. 18, 1927.
Graham, M. L., Salt Lake City, Utah. Special kind of chicken sandwich or chicken-sandwich dinner. 226,348; Apr. 5; Serial No. 232,827; published Jan. 25, 1927.
Greas-Om-Eter Corporation, The, San Francisco, Calif. Grease cups. 226,169; Apr. 5; Serial No. 232,921; published July 27, 1926.
Great Results Company, San Francisco, Calif. Polish. 226,213; Apr. 5; Serial No. 238,653; published Jan. 25, 1927.
Greene-Brown Mfg. Co., Chicago, Ill. Power-current supply units for radio receiving sets and rectifier tubes therefor. 226,416; Apr. 5; Serial No. 239,581; published Jan. 18, 1927.
Greentree, Meyer, Richmond, Va. Suits, topcoats, raincoats, sport coats, sweaters, knickers, etc. 226,345; Apr. 5; Serial No. 232,079; published Jan. 18, 1927.
Griffin & Skelley Co., assignor to California Packing Corporation, San Francisco, Calif. Raisins. 61,845; renewed Apr. 9, 1927.
Griffin & Skelley Co., assignor to California Packing Corporation, San Francisco, Calif. Raisins. 61,857; renewed Apr. 9, 1927.
Guignie, Leon F., doing business as L. F. Guignie, Grenoble, France. Leather gloves. 226,336; Apr. 5; Serial No. 226,139; published Jan. 25, 1927.
Gumpert, S., Co., Inc., Brooklyn, N. Y. Cakes. 226,218; Apr. 5; Serial No. 238,965; published Jan. 25, 1927.
Haffner Brothers Company, The, Cincinnati, Ohio. Sole and harness leather. 226,278; Apr. 5; Serial No. 239,173; published Jan. 11, 1927.
Haines Manufacturing Corporation, Rochester, N. Y. Screw drivers. 226,431; Apr. 5.
Hale Bros., Inc., San Francisco, Calif. Children's shoes. 226,299; Apr. 5; Serial No. 240,257; published Jan. 25, 1927.
Half Size Dress Co., New York, N. Y. Gowns, frocks, and dresses. 226,220–1; Apr. 5; Serial Nos. 238,969–70; published Jan. 18, 1927.
Hamburger, Sam, Columbus, Tex. Cotton planting seed. 226,398; Apr. 5; Serial No. 239,855; published Jan. 18, 1927.
Hanly Products Co., Inc., Chicago, Ill. Face cream. 226,441; Apr. 5.
Harburger Gummiwarren-Fabrik Phoenix A.-G. (See Vereinigte Gummiwarren-Fabriken Harburg-Wien, vormals Menier-J. N. Reithoffer.)
Harrower Laboratory Inc., The, Wilmington, Del., and Glendale, Calif. Medicinal preparation used for functional ovarian disorders, etc. 226,370; Apr. 5; Serial No. 241,481; published Jan. 25, 1927.
Hatty's Hat Company, New York, N. Y. Ladies' hats. 226,272; Apr. 5; Serial No. 237,806; published Jan. 25, 1927.
Healy, John F., doing business as Empire Valve Company, New York, N. Y. Gas-cut-off valves. 226,302; Apr. 5; Serial No. 240,304; published Jan. 25, 1927.
Healy, John F., New York, N. Y. Valves. 226,303; Apr. 5; Serial No. 240,305; published Jan. 25, 1927.
Heywood Boot & Shoe Co., Worcester, Mass. Boots and shoes. 226,363–4; Apr. 5; Serial Nos. 240,604–5; published Jan. 25, 1927.
Hills Bros., to Hills Bros., San Francisco, Calif., successor. Spices and flavoring extracts. 62,884; renewed May 28, 1927.
Hills Bros., to Hills Bros., San Francisco, Calif., successor. Tea. 62,885; renewed May 28, 1927.
Hills Bros., to Hills Bros., San Francisco, Calif., successor. Baking powder and bicarbonate of soda. 62,998; renewed June 4, 1927.
Hoberg, John, Co., The, assignor to Hoberg Paper & Fibre Company, Green Bay, Wis. Tissue paper. 62,749; renewed May 21, 1927.
Hoe, R., & Co., Inc., New York, N. Y. Printing presses. 226,164; Apr. 5; Serial No. 222,121; published Jan. 25, 1927.
Hohmann & Maurer Mfg. Co., The, to Taylor Instrument Companies, Rochester, N. Y., successor. Thermometers, barometers, mercury gauges, spring gauges, and hydrometers. 61,159; renewed Mar. 5, 1927.
Honolulu Dairymen's Association Ltd., doing business as Mid-Pacific Candy Factory, Honolulu, Hawaii. Candies and confections. 226,352; Apr. 5; Serial No. 236,419; published Jan. 25, 1927.
Huebschman, Hyman, doing business as Ritz Perfume Company, Brooklyn, N. Y. Hair tonic and tar shampoo. 226,414; Apr. 5; Serial No. 239,412; published Jan. 18, 1927.
Humphreys, J. F., & Co., Bloomington, Ill. Foods, beverages, and condiments. 29,592; renewed Feb. 23, 1927.
Hunt, Wesley J., New Rochelle, N. Y. Ice cream. 226,259; Apr. 5; Serial No. 235,048; published Jan. 25, 1927.
Hylton Flour Mills, Inc., Ogden, Utah. Wheat flour. 226,204; Apr. 5; Serial No. 237,812; published Jan. 25, 1927.
I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main and Uerdingen, Germany. Preservatives for technical products of organic origin and for foodstuffs. 226,232; Apr. 5; Serial No. 240,244; published Jan. 18, 1927.
I. G. Farbenindustrie, Aktiengesellschaft, Ludwigshafen-on-the-Rhine, Germany. Motor fuel oils. 226,260; Apr. 5; Serial No. 236,124; published Jan. 18, 1927.
Illinois Glass Company, Alton, Ill. Title of a house organ published monthly. 226,234; Apr. 5; Serial No. 240,259; published Jan. 25, 1927.
India Tire and Rubber Company, The, Mogadore and Akron, Ohio. Inner tubes of rubber for pneumatic tires. 226,430; Apr. 5.
Irwin & Company, Inc., New York, N. Y. Rattles, toy pin wheels, dolls, doll hats, floating toys, etc. 226,280; Apr. 5; Serial No. 240,913; published Jan. 25, 1927.
Ismert-Hincke Milling Company, Kansas City, Kans., to Ismert-Hincke Milling Company, Kansas City, Mo. Wheat flour. 60,681–2; renewed Feb. 19, 1927.
Jameson-Hevener Company, St. Paul, Minn. Flour. 226,241; Apr. 5; Serial No. 240,417; published Jan. 25, 1927.
Jersey Products Co., Inc., Lima, Ohio. Malt-extract powder for use in the making of ice cream, candy, cocoa, etc. 226,291; Apr. 5; Serial No. 241,163; published Jan. 25, 1927.
Johnson, Oscar L., doing business as Minneapolis Auto Top & Seat Cover Co., Minneapolis, Minn. Automobile seat covers. 226,168; Apr. 5; Serial No. 231,380; published Sept. 21, 1926.
Jones, Lewis J., Miami, Fla. Preserved fruits and fruit juices. 226,420; Apr. 5; Serial No. 239,809; published Jan. 25, 1927.
Kall, Barnett, Brooklyn, N. Y. Jackets for men, women, boys, and girls. 226,300; Apr. 5; Serial No. 240,262; published Jan. 25, 1927.

Kansas Flour Mills Corporation, The. (See Cherokee Mill & Elevator Company, The, assignor.)
Katinka, Inc., New Haven, Conn. Knitted suits for women and children, coats, hats, etc. 226,199; Apr. 5; Serial No. 238,980; published Jan. 18, 1927.
Kaufmann Department Stores, Inc., Pittsburgh, Pa. Men's and boys' coats, waistcoats, trousers, knickerbockers, sweaters, etc. 226,348; Apr. 5; Serial No. 238,180; published Jan. 11, 1927.

Kay See Products Company. (See Caldwell, Frank H.)
Kellogg Company, Battle Creek, Mich. Cereal breakfast food. 226,457; Apr. 5.
Ketterlinus Lithographic Manufacturing Co., Philadelphia, Pa. Stationery, writing paper, greeting and correspondence cards. 226,419; Apr. 5; Serial No. 239,756; published Jan. 25, 1927.

Keuffel & Esser Company, Hoboken, N. J. Drawing paper. 226,284; Apr. 5; Serial No. 241,340; published Jan. 25, 1927.
Keuffel & Esser Company, Hoboken, N. J. Tracing paper. 226,285; Apr. 5; Serial No. 241,341; published Jan. 25, 1927.

King Glove Company, Los Angeles, Calif. Gloves. 226,269; Apr. 5; Serial No. 237,554; published Jan. 25, 1927.
Kirpo Laboratories. (See Kirwan, James P.)
Kirwan, James P., doing business as Kirpo Laboratories, Portland, Oreg. Salves. 226,451; Apr. 5.
Knopf, Joseph, & Sons Inc., Rochester, N. Y. Men's suits and overcoats. 226,453; Apr. 5.
Korn Bros., New York, N. Y. Garters, hats, neckties, sweaters, etc. 226,184; Apr. 5; Serial No. 221,016; published Jan. 25, 1927.
Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Apple-cider vinegar, spices, butter, etc. 226,258; Apr. 5; Serial No. 234,583; published Jan. 25, 1927.
Lahey, Walter S., New York, N. Y. Gloves. 226,355; Apr. 5; Serial No. 240,984; published Jan. 25, 1927.
Lahey, Walter S., New York, N. Y. Gloves. 226,356; Apr. 5; Serial No. 240,918; published Jan. 25, 1927.
La Monte, George, & Son, New York, N. Y. Writing and printing paper. 58,674–5; renewed Dec. 25, 1926.
Lampl Knitwear Co., Cleveland, Ohio. Knitted outer wear—namely, sweaters. 226,447; Apr. 5.
Larabee Flour Mills Company, The, doing business as The Monarch Milling Company, Kansas City, Mo. Wheat flour. 226,226; Apr. 5; Serial No. 240,030; published Jan. 25, 1927.
Large, Florence, doing business as All-Styles Hanger Co., New York, N. Y. Garment hangers. 226,452; Apr. 5.
Lehn & Fink, Inc. (See Beiersdorf, P., & Co., assignor.)
Lemon Grove Fruit Growers Association, Lemon Grove, Calif. Oranges, lemons, and grapefruit. 226,381; Apr. 5; Serial No. 235,150; published Jan. 18, 1927.
Leonard Refrigerator Company, Grand Rapids, Mich., assignor to Electric Refrigeration Corporation, Detroit, Mich. Refrigerators and refrigerator parts. 226,460; Apr. 5.
Léonidas Watch Factory rve. Constant Jeanneret-Droz, St.-Imier, Switzerland. Watches and parts of watches. 226,196; Apr. 5; Serial No. 232,086; published Jan. 18, 1927.

Les Parfums de Rosine, Inc., New York, N. Y. Toilet articles. 226,222–4; Apr. 5; Serial Nos. 239,989–91; published Jan. 18, 1927.
Les Parfums de Rosine, Inc., New York, N. Y. Toilet articles. 226,404; Apr. 5; Serial No. 239,985; published Jan. 18, 1927.
Les Parfums de Rosine, Inc., New York, N. Y. Toilet articles. 226,405; Apr. 5; Serial No. 239,988; published Jan. 18, 1927.
Les Parfums de Rosine, Inc., New York, N. Y. Toilet articles. 226,406; Apr. 5; Serial No. 239,986; published Jan. 18, 1927.
Lindsey District Orange Company, Lindsay, Calif. Fresh citrous fruits. 226,347; Apr. 5; Serial No. 235,156; published Jan. 25, 1927.
Lowe Ranch. (See O'Keefe, John F.)
Lowe, William T. J., Buffalo, N. Y., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Spoon fishing bait. 64,896; renewed Aug. 27, 1927.
Ludlum Steel Company, Watervliet, N. Y. Alloy steel. 226,281; Apr. 5; Serial No. 240,920; published Jan. 11, 1927.
M. & K. Manufacturing Co., New York, N. Y. Wall and wall-paper cleaning liquid. 226,238; Apr. 5; Serial No. 240,310; published Jan. 25, 1927.
Mack, Horace M. B., doing business as Mack The Coffee Man, Lancaster, Pa. Coffee. 226,163; Apr. 5; Serial No. 221,181; published Aug. 3, 1926.
Maid Rite Hamburg Company. (See Angell, Fred L.)
Malone, Annie M., doing business as Poro College, St. Louis, Mo. Cold cream, vanishing cream, deodorant, perfume, toilet water, rouge, etc. 226,389; Apr. 5; Serial No. 239,814; published Jan. 25, 1927.
Mampe, Carl, A.-G. (See Exner, Emil J. R., assignor.)
Manganese Bronze and Brass Co. Limited, The, London, England. Alloy of metals used for bearings and other purposes. 61,736; renewed Apr. 2, 1927.
Marathon Shoe Co., Wausau, Wis. Hosiery. 226,216; Apr. 5; Serial No. 238,728; published Jan. 18, 1927.
Marie de France Laboratories Inc., New York, N. Y. Toilet preparations. 226,440; Apr. 5.

Marks, Harry, doing business as Tulip Hosiery Co., Philadelphia, Pa. Hosiery. 226,167; Apr. 5; Serial No. 231,269; published Jan. 18, 1927.
Marsh Brothers Co., to Marsh Brothers & Co. Limited, Sheffield, England, successor. Cutlery in general and other hand tools having a cutting edge. 63,610; renewed July 2, 1927.
Martha Washington Candles Company. (See Sheetz, Ellie, assignor.)
Martin, A., Inc., New York, N. Y. Eyeglass and spectacle lenses. 60,968; renewed Feb. 26, 1927.
Mason, Au & Magenheimer Confectionery Manufacturing Company, Brooklyn, N. Y. Candies. 226,371; Apr. 5; Serial No. 241,486; published Jan. 25, 1927.
Master Builders Company, The, Cleveland, Ohio. Material for treating and coloring cement surfaces by chemical reaction. 226,273; Apr. 5; Serial No. 238,446; published Jan. 11, 1927.
Mausert, Otto, doing business as Nature's Herb Co., San Francisco, Calif. Medicinal preparation used in the treatment of colds, chills, etc. 226,369; Apr. 5; Serial No. 241,422; published Jan. 25, 1927.
Mayes Brothers Tool Manufacturing Company, Inc., Port Austin, Mich. Spirit levels. 226,175; Apr. 5; Serial No. 234,045; published Jan. 11, 1927.
McAllister, Cora, doing business as Aroc Manufacturing Company, San Antonio, Tex. Metal polish for polishing and cleaning aluminum, granite ware, etc. 226,286; Apr. 5; Serial No. 241,345; published Jan. 25, 1927.
McDonald, Wm. P., Construction Company, New York and Flushing, N. Y. Asphaltic concrete mixture. 226,331; Apr. 5; Serial No. 239,711; published Jan. 25, 1927.
McEwen-Cameron Limited. (See Baridon, Louis R., assignor.)
McGill, Charles H., Minneapolis, Minn. Filing and mailing envelopes and folders. 226,187; Apr. 5; Serial No. 223,731; published Jan. 25, 1927.
McGuire, John A., Denver, Colo. Periodical publications as monthly magazines. 64,366; renewed Aug. 6, 1927.
Meadows Manufacturing Co., The, Bloomington, Ill. Washing machines. 226,300; Apr. 5; Serial No. 240,614; published Jan. 25, 1927.
Meisel, C., assignor to C. Meisel, Inc., New York, N. Y. Reed, string, and brass musical instruments and parts. 63,711; renewed July 2, 1927.
Meisel, C., Inc., New York, N. Y. Violins, violas, violoncellos, double basses, and bows, strings, etc. 226,248; Apr. 5; Serial No. 240,615; published Jan. 18, 1927.
Mid-California Citrus Association, Porterville, Calif. Fresh citrous fruits. 226,459; Apr. 5.
Mid-Pacific Candy Factory. (See Honolulu Dairymen's Association Ltd.)
Milton, Michael, doing business as Milton Paper Company, New York, N. Y. Cover stock. 226,283; Apr. 5; Serial No. 241,290; published Jan. 25, 1927.
Minneapolis Auto Top & Seat Cover Co. (See Johnson, Oscar L.)
Minneapolis Brewing Company, Minneapolis, Minn. Malt sirup. 226,295–7; Apr. 5; Serial Nos. 240,203–5; published Jan. 25, 1927.
Mishawaka Woolen Manfg. Co., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Wool boots and lumberman's socks. 29,476; renewed Jan. 19, 1927.
Mishawaka Woolen Manufacturing Company, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Wool boots. 29,878; renewed Apr. 20, 1927.
Mitchell, Allen R., & Son, Philadelphia, Pa. Woolen and worsted goods and combinations thereof in the piece. 226,449; Apr. 5.
Molony & Carter Company, Charleston, S. C. Fertilizers. 226,321; Apr. 5; Serial No. 238,605; published Jan. 25, 1927.
Monarch Milling Company, The. (See Larabee Flour Mills Company, The.)
Monroe Manufacturing Company. (See Stern, Louis D.)
Morey, C. S., Mercantile Company, The, to The Morey Mercantile Company, Denver, Colo., successor. Flavoring extracts. 64,380; renewed Aug. 6, 1927.
Mustamor Company, The, Cleveland Heights, Ohio. Prepared mustard. 226,292; Apr. 5; Serial No. 241,174; published Jan. 25, 1927.
My Own Food Co. Inc., New York, N. Y. Powder preparation for use in making desserts, puddings, fillings, etc. 226,313; Apr. 5; Serial No. 240,921; published Jan. 25, 1927.
Myrurgia, S. A., Barcelona, Spain. Perfumes and toilet water. 226,245; Apr. 5; Serial No. 240 565; published Jan. 18, 1927.
Naamlooze Vennootschap tot Exploitatie van Van den Boogardt's Octrooi, 's Gravenhage, Netherlands. Photographic cameras, film packs, etc. 226,409; Apr. 5; Serial No. 236,432; published Jan. 25, 1927.
National Cash Register Company, The, assignor to The National Cash Register Company, Dayton, Ohio. Cash, credit, and autographic registers. 64,900; renewed Aug. 27, 1927.
National Refining Company, The, Cleveland Ohio. Stove gasolene. 61,055; renewed Mar. 5, 1927.
National Refining Company, The, Cleveland, Ohio. Lubricating oil. 61,080; renewed Mar. 5, 1927.
National Refining Company, The, Cleveland, Ohio. Illuminating oil. 61,307; renewed Mar. 12, 1927.

National Refining Company, The, Cleveland, Ohio. Gasoline. 63,369; renewed June 18, 1927.
National Refining Company, The, Cleveland, Ohio. Illuminating oil. 63,966; renewed July 16, 1927.
National Sawdust Co., Inc., Brooklyn, N. Y. Sawdust and shavings. 226,305; Apr. 5; Serial No. 240,431; published Jan. 25, 1927.
National Tube Company, Pittsburgh, Pa. Metal couplings, pipes, tubes, etc. 226,265; Apr. 5; Serial No. 236,768; published Jan. 25, 1927.
Nature's Herb Co. (See Mansert, Otto.)
New Departure Manufacturing Company, The, Bristol, Conn. Brakes for cycles, cycle hubs, and coaster brakes. 226,301; Apr. 5; Serial No. 240,274; published Jan. 25, 1927.
Nolan Laboratories, Inc., The, Canton, Ohio. Astringent for pyorrhea, gums, etc. 226,390; Apr. 5; Serial No. 240,000; published Jan. 25, 1927.
Noonan, T., & Sons Company, Boston, Mass. Liquid beard softener. 226,185; Apr. 5; Serial No. 222,275; published Jan. 25, 1927.
Norris Sash Pulley Co., The, assignor to Francis E. Sloan, Baltimore, Md. Sash pulleys. 30,009; renewed May 25, 1927.
North American Dye Corporation, Mount Vernon, N. Y. Powdered toilet soap. 226,461; Apr. 5.
North State Canning Company Inc., North Wilkesboro, N. C. Canned fruits and vegetables. 226,383; Apr. 5; Serial No. 235,166; published Jan. 25, 1927.
Nyko Laboratories, Chicago, Ill. Cleanser for dentures. 226,288; Apr. 5; Serial No. 241,430; published Jan. 25, 1927.
O. Jimmy Ice Cream Chocolate Dip Company, Boston, Mass. Chocolate coating for ice cream. 226,197; Apr. 5; Serial No. 232,400; published Jan. 25, 1927.
Oakley, Richard H., doing business as Oakley Paint Manufacturing Co., Los Angeles, Calif. Paints, paint enamels, and varnish. 226,181; Apr. 5; Serial No. 209,863; published Jan. 25, 1927.

Oh-Boy Products Co., Chicago, Ill. Malt extracts and malt sirups for food purposes. 226,293; Apr. 5; Serial No. 241,294; published Jan. 25, 1927.
O'Keefe, John F., doing business as Lowe Ranch, Cupertino, Calif. Canned vegetables. 226,362; Apr. 5; Serial No. 240,621; published Jan. 25, 1927.
Oliver-Finnie Co., Memphis, Tenn. Coffee and tea. 64,747–8; renewed Aug. 20, 1927.
Oliver-Finnie Co., Memphis, Tenn. Maple sirup and table sirup. 64,794; renewed Aug. 20, 1927.
Oppenheim, Collins & Co. Inc., New York, N. Y., and Cleveland, Ohio. Coats, dresses, suits, hosiery, etc. 226,445; Apr. 5.
Orkin, J. B., Corporation, The, New York, N. Y. Hosiery. 226,350; Apr. 5; Serial No. 240,678; published Jan. 25, 1927.
Palmer, E. C., & Co., Ltd., New Orleans, La. Correspondence and mailing envelopes. 226,482; Apr. 5.
Pan-Pacific Construction Co., Wilmington, Calif. Concrete structural elements and members made of impregnated, and saturated by, hydraulic cement concrete or other porous material. 226,382; Apr. 5; Serial No. 235,493; published Jan. 18, 1927.
Paragon Steel & Tool Co. Inc., Lyndhurst, N. J. Tool steel. 226,425; Apr. 5.
Pears, A. & F., Limited, London, England. Perfumed soap. 62,259; renewed Apr. 30, 1927.
Pfunder, Frederick H., Minneapolis, Minn. Formula made up into stomach tablets. 226,277; Apr. 5; Serial No. 239,045; published Jan. 25, 1927.
Phillips-Lafitt Company, The, Philadelphia, Pa. Mechanical knife sharpeners. 226,159; Apr. 5; Serial No. 205,489; published Jan. 25, 1927.
Pittsburgh Valve, Foundry and Construction Company, Pittsburgh, Pa. Metal goods. 64,175; renewed July 30, 1927.
Plee-Zing Corporation, The, New York, N. Y., and Savannah, Ga., assignor to The Plee-Zing Corporation, Richmond, Va. 226,235; Apr. 5; Serial No. 240,276; published Jan. 18, 1927.
Plochman & Harrison, Chicago, Ill. Mustard, vinegar, etc. 226,268; Apr. 5; Serial No. 237,473; published Jan. 25, 1927.
Podlesak, Henry J., doing business as Sylvan Radio Shops, Chicago, Ill. Radio broadcast receiving sets and radio transformers. 226,412; Apr. 5; Serial No. 239,136; published Jan. 18, 1927.
Polk Miller Products Corporation, Richmond, Va. Mange medicine. 226,448; Apr. 5.
Poole, Edmund D., & Company, New York, N. Y. Greeting cards. 226,395; Apr. 5; Serial No. 240,504; published Jan. 25, 1927.
Poro College. (See Malone, Annie M.)
Poston, Emmett V., Springfield, Ill. Brick. 226,314; Apr. 5; Serial No. 240,997; published Jan. 25, 1927.
Poston, Emmett V., Springfield, Ill. Brick. 226,315; Apr. 5; Serial No. 240,999; published Jan. 25, 1927.
Price & Lucas Cider and Vinegar Company, assignor to Price & Lucas Company, Louisville, Ky. Vinegar. 63,288; renewed June 11, 1927.
Purity Oats Company, Keokuk, Iowa. Rolled oats. 226,239; Apr. 5; Serial No. 240,319; published Jan. 25, 1927.

Pyramid Button Co., Providence, R. I. Support for garment shoulder straps which are made of or plated with precious metals. 226,317; Apr. 5; Serial No. 238,024; published Jan. 18, 1927.
Quaker Mill Company, Manchester, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Flour and meal. 64,151, renewed July 23, 1927.
Quaker Oats Company, The. (See American Cereal Company, The, assignor.)
Quaker Oats Company, The. (See Topeka Milling Company, The, assignor.)
Reed Brothers, Inc., Tupelo, Miss. Work shirts. 226,191; Apr. 5; Serial No. 227,473; published May 18, 1926.
Rex Clay Products Company, The, Detroit, Mich. Fire clay. 226,399; Apr. 5; Serial No. 239,895; published Jan. 11, 1927.
Ringling & White, Inc., New York, N. Y. Fresh blueberries. 226,188; Apr. 5; Serial No. 224,295; published Jan. 25, 1927.
Ritz Perfume Company. (See Huebschman, Hyman.)
Roncoroni, Luigi, West Hoboken, N. J., to Luigi Roncoroni, Union City, N. J. Liquid remedies for burns. 63,561; renewed June 25, 1927.
Rosenblatt & Hollub, Inc., New York, N. Y. Women's and misses' dresses. 226,439; Apr. 5.
Rosenthal-Sloan Millinery Company, St. Louis, Mo. Ladies' hats. 226,335; Apr. 5; Serial No. 240,098; published Jan. 25, 1927.
Roth's Hosiery Shop, Pittsburgh, Pa. Hosiery. 226,250; Apr. 5; Serial No. 240,736; published Jan. 18, 1927.
Royal Society Clothes. (See Burger, Wm., & Son, Inc.)
Sac City Canning Company, The, Sac City, Iowa. Canned vegetables. 226,340; Apr. 5; Serial No. 234,989; published Jan. 25, 1927.
Sac City Canning Company, The, Sac City, Iowa. Canned vegetables. 226,341; Apr. 5; Serial No. 234,987; published Jan. 25, 1927.
Save-It System, Inc., Norfolk, Va., and New Bern, N. C. Coupons. 226,189; Apr. 5; Serial No. 225,141; published Jan. 25, 1927.
Scanlon, Dan, San Francisco, Calif. Brass nickel-plated pins. 226,325; Apr. 5; Serial No. 239,145; published Jan. 25, 1927.
Schenectady Importing Company, Schenectady, N. Y. Olive oil. 226,333; Apr. 5; Serial No. 240,040; published Jan. 25, 1927.
Scherf, J. G., Manufacturing Co., Inc., Albany, Ga. Woven underwear. 226,318; Apr. 5; Serial No. 238,393; published Jan. 11, 1927.
Schirm, J. S., Commercial Company, San Diego, Calif. Interior plaster. 226,255; Apr. 5; Serial No. 233,504; published Jan. 25, 1927.
Schoneberger & Noble, assignor to Schoneberger & Noble, Inc., New York, N. Y. Sarsaparilla. 63,371; renewed June 18, 1927.
Seal-A-Void Co., Philadelphia, Pa. Waterproofing Compounds. 226,388; Apr. 5; Serial No. 239,773; published Jan. 11, 1927.
Seamless Rubber Company, Inc., The, New Haven, Conn. Bathing caps. 226,307; Apr. 5; Serial No. 240,507; published Jan. 25, 1927.
"Sebinite Watch Co." (See Gottlieb, Joseph.)
Security Stove Mfg. Co., The. (See Blakeeley-Tuttle Stove Co.)
Seinsheimer Paper Company, The, Cincinnati, Ohio, and New Orleans, La. Mothproof bags. 226,458; Apr. 5.
Serber Bros., Inc., Shreveport La. Suits and overcoats. 226,261; Apr. 5; Serial No. 236,181; published Jan. 25, 1927.
Shakin, Herman, doing business as Artsyl Clothing Company, New York, N. Y. Suits, trousers, coats, and vests. 226,246; Apr. 5; Serial No. 240,571; published Jan. 18, 1927.
Sheaffer, W. A., Pen Company, Fort Madison, Iowa. Pens, pencils, and desk stands. 226,426; Apr. 5.
Shedrain Coat Co. Inc., New York, N. Y. Men's and boys' overcoats and raincoats. 226,437; Apr. 5.
Sheetz, Ellie, Washington D. C., assignor to Martha Washington Candles Company, Chicago, Ill. Candy. 63,564–6; renewed June 25, 1927.
Shoten, S. Hata, Limited, Honolulu, Hawaii. Canned fish cakes. 226,312; Apr. 5; Serial No. 240,910; published Jan. 25, 1927.
Sloan, Francis E. (See Norris Sash Pulley Co., The, assignor.)
Slowey, Norman S., Newark, N. J. Cotton bed sheets, napkins, cotton bedspreads, etc. 226,442; Apr. 5.
Smith, Alfred H., Co., New York, N. Y. Toilet brushes. 63,512; renewed June 25, 1927.
Smith, George H., Steel Casting Company, Milwaukee, Wis. Metal products—namely, castings and forgings. 226,208; Apr. 5; Serial No. 238,236; published Jan. 11, 1927.
Societe en Nom Collectif M. & L. Biette Freres, Nantes, France. Soaps. 226,387; Apr. 5; Serial No. 239,603; published Jan. 25, 1927.
Solkoff, M., & Co., Inc., New York, N. Y. Coats, pants, vests, overcoats, etc. 226,444; Apr. 5.
Sonneborn, Henry, Company, Inc., Baltimore, Md. Men's and boys' suits and overcoats. 226,200; Apr. 5; Serial No. 237,047; published Jan. 18, 1927.
Sonneborn, Henry, Company, Inc., Baltimore, Md. Men's and boys' suits and overcoats, raincoats, vests, etc. 226,401; Apr. 5; Serial No. 239,932; published Jan. 18, 1927.

Southern Sweet Potato Exchange Incorporated, Sunset, La. Vegetables. 226,392; Apr. 5; Serial No. 240,222; published Jan. 25 1927.
Southern Weaving Company, Greenville, S. C. Transmission lining. 226,434; Apr. 5.
Sparkle Chemical Company. (See Goldberg, Dora.)
Speed Spark Plug Company, Houston, Tex. Spark plugs. 226,242; Apr. 5; Serial No. 240,451; published Jan. 18, 1927.
Spencerian Pen Company, The, New York, N. Y. Writing pens of all kinds. 226,282; Apr. 5; Serial No. 241,246; published Jan. 25, 1927.
Standard Corset Company, The, New York, N. Y. Corsets, corsetlets, girdles, brassières, bandeaux, etc. 226,337; Apr. 5; Serial No. 223,144; published Jan. 25, 1927.
Standard Gage Company, Inc., Poughkeepsie, N. Y. Steel. 226,210; Apr. 5; Serial No. 238,407; published Jan. 11, 1927.
Standard Horse Shoe Company, Boston and South Wareham, Mass., to Standard Horse Shoe Co., Boston, Mass. Horse and mule shoes. 64,177; renewed July 30, 1927.
Standard Kid Co., The, Boston, Mass. Upper leathers. 226,339; Apr. 5; Serial No. 221,141; published Jan. 11, 1927.
Standard Products Incorporation, Newark, N. J. Powdered preparation for general household cleaning purposes. 226,263; Apr. 5; Serial No. 236,510; published Jan. 25. 1927.
Stearns' Electric Paste Co., Buffalo, N. Y., to Stearns' Electric Paste Co., Chicago, Ill. Animal poison. 63,945; renewed July 16, 1927.
Stearns' Electric Paste Co., Buffalo, N. Y., to Stearns' Electric Paste Co., Chicago, Ill. Animal poison. 64,560; renewed Aug. 13, 1927.
Stein-Bloch Co., The, Rochester, N. Y. Men's overcoats and sack coats. 226,435–6; Apr. 5.
Sterling Products Company, The, Cleveland, Ohio. Ready-mixed metal paints. 226,178; Apr. 5; Serial No. 234,320; published Jan. 18, 1927.
Stern, Louis D., doing business as Monroe Manufacturing Company, Cleveland, Ohio. Liquid asbestos roof cement. 226,264; Apr. 5; Serial No. 236,570; published Jan. 25, 1927.
Stix, Baer and Fuller Company, St. Louis, Mo. Wearing apparel for women and misses. 226,306; Apr. 5; Serial No. 240,452; published Jan. 25, 1927.
Strand, Gus, doing business as Strand-Pioneer Fisheries, Aberdeen, Wash. Canned salmon. 226,342; Apr. 5; Serial No. 231,824; published Jan. 18, 1927.
Style Coat House. (See Freed Bros.)
Style-Crest Cap Company. (See Berman, Samuel H.)
Sudbeaz, Joseph, Mount Vernon, N. Y. Hairdressing pomade. 226,376; Apr. 5; Serial No. 236,148; published Jan. 18, 1927.
Sullivan, A. H., St. Louis, Mo. Sand. 226,338; Apr. 5; Serial No. 222,717; published Jan. 11, 1927.
Superior Hard Rubber Company, Butler, N. J. Thermometer cases. 226,346; Apr. 5; Serial No. 235,533; published Jan. 25, 1927.
Sweetwater Fruit Company, Bonita, Calif. Fresh citrous fruits. 226,351; Apr. 5; Serial No. 236,452; published Jan. 25, 1927.
Sylvan Radio Shops. (See Podlesak, Henry J.)
Taylor Instrument Companies. (See Hohmann & Maurer Mfg. Co., The.)
Texas Company, The, Houston, Tex., and New York, N. Y. Lubricating oil. 226,252; Apr. 5; Serial No. 240,105; published Jan. 18, 1927.
Tilly, C. de Koning, to E. L. W. van Dobben, doing business as C. de Koning Tilly, Haarlem, Netherlands. An oil for medicinal purposes and applications. 59,282; renewed Jan. 1, 1927.
Tilly, C. de Koning, to E. L. W. van Dobben, doing business as C. de Koning Tilly, Haarlem, Netherlands. Oil for medicinal purposes. 59,522; renewed Jan. 8, 1927.
Tilly, C. de Koning, to E. L. W. van Dobben, doing business as C. de Koning Tilly, Haarlem, Netherlands. Oil for medicinal purposes. 60,178; renewed Jan. 29, 1927.
Toledo Plaster & Supply Company, The, Toledo, Ohio. Plaster, lime, brick, etc. 226,421; Apr. 5; Serial No. 239,834; published Jan. 25, 1927.
Tomson, P. C., & Co. Inc., Philadelphia, Pa. Washing and cleaning compound. 226,171; Apr. 5; Serial No. 232,960; published Jan. 25, 1927.
Topeka Milling Company, The, Topeka, Kans., assignor to The Quaker Oats Company, Chicago, Ill. Wheat and buckwheat flour and corn meal. 63,972; renewed July 16, 1927.
Truscon Steel Company. (See General Fireproofing Co., The, assignor.)
Tulare County Lemon & Grapefruit Association, Porterville, Calif. Oranges, lemons, and grapefruit. 226,214–5; Apr. 5; Serial Nos. 238,681–2; published Jan. 18, 1927.
Tulip Hosiery Co. (See Marks, Harry.)
Ultimate Transmitter Co., The. (See Douglass, Nelson, jr.)
Ultramarine Company, The. (See Fischer, C. H., & Co., assignor.)
Uneeda Shine Corporation, Brooklyn, N. Y. Electrical shoe-shining machines. 226,249; Apr. 5; Serial No. 240,631; published Jan. 18, 1927.
United States Gypsum Company, Chicago, Ill. Building materials. 226,254; Apr. 5; Serial No. 233,240; published Jan. 25, 1927.
United States Metals Refining Company, Carteret, N. J. Bricks and furnace linings. 226,266; Apr. 5; Serial No. 237,206; published Jan. 25, 1927.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 62,565; renewed May 14, 1927.
Universal Rubber Pavlors (Manchester 1923) Limited, Audenshaw, near Manchester, England. Road-making materials. 226,410; Apr. 5; Serial No. 236,580; published Jan. 18, 1927.
Utah-Idaho Sugar Company, Salt Lake City, Utah. Sugar for table and preserving purposes. 226,319; Apr. 5; Serial No. 238,411; published Jan. 25, 1927.
Vadasz and Vadasz, Paris, France. Talking machines and separate parts of such machines. 226,198; Apr. 5; Serial No. 232,962; published Jan. 18, 1927.
Vail Hat Co. Inc., New York, N. Y. Ladies' and children's hats. 226,354; Apr. 5; Serial No. 241,011; published Jan. 25, 1927.
Van Dobben, Edouard L. W. (See Tilly, C. de Koning.)
Vereinigte Gummiwarren-Fabriken Harburg-Wein, vormals Menier-J. N. Reithoffer, Harburg-on-the-Elbe, Germany, to Harburger Gummiwarren-Fabrik Phoenix A.-G., Harburg, Germany, successor. Bandaging material for use in dressing wounds, sores, etc. 30,344; renewed July 6, 1927.
Vereinigte Werke Bender & Mayer G. m. b. H. (See Bender, Heinrich, & Co., assignor.)
Victorson, Gustave P., New York, N. Y. Children's hosiery. 226,327; Apr. 5; Serial No. 239,552; published Jan. 25, 1927.
Villeroy & Boch, Mettlach, Germany. China, stoneware, earthenware, porcelain, and terra-cotta wares. 63,426; renewed June 18, 1927.
Walsh, Josephine H., doing business as Helen Decie, Philadelphia, Pa. Nom de plume for newspaper articles. 226,427; Apr. 5.
Warren, Richard, doing business as D. Warren, Cincinnati, Ohio. Malt extract in sirup form for baking purposes. 226,415; Apr. 5; Serial No. 239,497; published Dec. 21, 1926.
Warren, S. D., Company, Boston, Mass. Printing paper. 226,322; Apr. 5; Serial No. 238,820; published Jan. 25, 1927.
Weaver-Henry Mfg. Co., Los Angeles, Calif. Asphalt-coated composition or paper shingles for roofing; roofing paper. 226,227; Apr. 5; Serial No. 240,114; published Jan. 18, 1927.
Weaver-Henry Mfg. Co., Los Angeles, Calif. Asphalt-coated composition or paper shingles for roofing; roofing paper. 226,231; Apr. 5; Serial No. 240,232; published Jan. 18, 1927.
Webb Manufacturing Co., Nashville, Tenn. Washing blue. 63,763; renewed July 9, 1927.
Weiss & Biheller, Inc., New York, N. Y. Wire connecters. 226,217; Apr. 5; Serial No. 238,931; published Jan. 18, 1927.
West Coast Bulb Co. Inc., San Francisco, Calif. Bulbs, seeds, and plants. 226,203; Apr. 5; Serial No. 237,769; published Jan. 18, 1927.
Weyman Brothers, Los Angeles, Calif. Ladies' hats. 226,396; Apr. 5; Serial No. 240,515; published Jan. 25, 1927.
White, R. F., and Company, Limited, London, England. Perfumed soap. 226,366; Apr. 5; Serial No. 238,352; published Jan. 25, 1927.
Williams-Hayward Company, Chicago, Ill. Lacquer, varnish, enamels, and paints. 226,274; Apr. 5; Serial No. 238,473; published Jan. 25, 1927.
Williams, J. B. Company, The, Glastonbury, Conn. Toilet water, brilliantine, hair tonic, and after-shaving preparations. 226,433; Apr. 5.
Winthrop Chemical Company, Inc., New York, N. Y. Medicinal preparation for use as an antiseptic, etc. 226,372; Apr. 5; Serial No. 241,505; published Jan. 25, 1927.
Winthrop Chemical Company, Inc., New York, N. Y. Medicinal preparation for use as an antisyphilitic. 226,373; Apr. 5; Serial No. 241,506; published Jan. 25, 1927.
Wolf, Harry J., doing business as Wolf Doll Company, New York, N. Y. Dolls. 226,228; Apr. 5; Serial No. 240,118; published Jan. 25, 1927.
Wolf, Louis, & Co., Boston, Mass., assignor to Louis Wolf & Co. Inc., New York, N. Y. Dolls and dolls' costumes. 29,931; renewed May 4, 1927.
Wolff & Co., Walsrode, Germany. Films of viscose cellulose sheets. 226,160; Apr. 5; Serial No. 210,335; published Jan. 18, 1927.
Wood, Marshall C., Manufacturing Company, Truxton, N. Y. Kitchen, hotel, breakfast, etc., tables. 226,423; Apr. 5.
Wright & Ditson, Jersey City, N. J., and Boston, Mass. Clothing. 62,738; renewed May 21, 1927.
Wrought Iron Range Company, St. Louis, Mo. Ranges and stoves. 61,357; renewed Mar. 19, 1927.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

American Pop Corn Company, Sioux City, Iowa. Jolly Time Hulless Pop Corn. For Pop Corn Packed in Buckets. 31,859; Apr. 5.
Anheuser-Busch Inc. (See Menasha Printing and Carton Company, assignor.)
Bergmann, Theo., Shoe Manufacturing Co., Portland, Oreg. Makes Leather Last Longer. For Shoe Oil. 31,860; Apr. 5.
Blood, J. B., Co., Lynn, Mass. Beehive Bread. For Bread. 31,861; Apr. 5.
Bloy, Frederick J., Milwaukee, Wis. A Grip on Prosperity. For Coin Savers of Grip-Like Form. 31,862; Apr. 5.
Bonita, Co., The, Fond du Lac, Wis. Ali-Oop! For Candy. 31,863; Apr. 5.
Burkhart, William S., jr., Cincinnati, Ohio. Burkhart's System Builder. For Medicated Tablets. 31,864; Apr. 5.
Continental Oil Co., The. (See Sack, Benjamin.)
Cuba Cheese Products, Inc. (See Menasha Printing and Carton Company, assignor.)
Dagostino, Angela J., doing business as The Vita Laboratories, Lynn, Mass. Raphael's Vita Luxuriant. For Hair Reviver. 31,865; Apr. 5.
Dajan Chemical Company, Boston, Mass. Citrola. For Piano Polish. 31,866; Apr. 5.
Farnsworth, John, Associated, Inc., doing business as John Farnsworth Corporation, Philadelphia, Pa. R-A-P-A-D a Liquid Padding Cement. For Liquid Padding Cement. 31,867; Apr. 5.
First National Laboratories, Inc., Lehighton, Pa. Dr. Whites Salve. For Medicine for the Relief of Congestion, Sprains, and Inflammation. 31,868; Apr. 5.
First National Laboratories, Inc., Lehighton, Pa. Dr. Whites Tasteless Epsom Salts Tablets. For Medicine for the Relief of Constipation, Headache, and Dizziness. 31,869; Apr. 5.
First National Laboratories, Inc., Lehighton, Pa. Dr. Whites Salve. For Medicine for the Treatment of Coughs and Colds. 31,870; Apr. 5.
First National Laboratories, Inc., Lehighton, Pa. Dr. Whites Genuine Aspirin Tablets. For Medicine for the Relief of Colds, Headache, and Grippe. 31,871; Apr. 5.
First National Laboratories, Inc., Lehighton, Pa. Dr. Whites Headache Tablets. For Medicine for the Relief of Headache and Neuralgia. 31,872; Apr. 5.
Gandolfi, L., & Co. Inc., New York, N. Y. Fernet-Branca. For a Medicinal Preparation—namely, an Anticholera and Tonic Remedy. 31,873; Apr. 5.
Gelfand, Simon, doing business as The Piquant Food Company, Baltimore, Md., and Los Angeles, Calif. Grand Prize Piquant French Dressing. For French Dressing. 31,874; Apr. 5.
Golden, Augustus J., Baltimore, Md. Brazos River Crooks. For Cigars. 31,875; Apr. 5.
Hawaiian Packing Co., Ltd., Hilo, Hawaii. Moana. For Guava Jam. 31,876; Apr. 5.
Hirsh, Henry, doing business as Home Beverage Co., Chicago, Ill. De Luxe. For Malt Sirup. 31,877; Apr. 5.
Home Beverage Co. (See Hirsh, Henry.)
Huston, Tom, doing business as Tom Huston Peanut Company, Columbus, Ga. Tom's Toasted Peanuts. For Toasted Peanuts. 31,878; Apr. 5.
Jersey Farm Products Company, Pittsburgh, Pa. Jersey Brook. For Butter. 31,879; Apr. 5.
Joliet Macaroni Company, doing business as Sterling Macaroni Co., Joliet, Ill. Sterling. For Macaroni. 31,880; Apr. 5.
Kennedy, Miss Ella M., doing business as Kenneth Mfr., Philadelphia, Pa. Fleur de Mai. For Toilet Water. 31,881; Apr. 5.
Kenneth Mfr. (See Kennedy, Miss Ella M.)
Kings County Packing Company, Armona, Calif. Kanful. For Canned Apricots. 31,882; Apr. 5.
Krank, A. J., Mfg. Co., St. Paul, Minn. Pine Hair-Root Oil. For Preparation for the Hair and Scalp. 31,883; Apr. 5.
Krank, A. J., Mfg. Co., St. Paul, Minn. Dematone Head Rub. For Preparation for the Hair and Scalp. 31,884; Apr. 5.
Menasha Printing and Carton Company, Menasha, Wis., assignor to Cuba Cheese Products, Inc., Cuba, N. Y. Cuba Maid. For Butter. 31,885; Apr. 5.
Menasha Printing and Carton Company, Menasha, Wis., assignor to Anheuser-Busch Inc., St. Louis, Mo. Anheuser-Busch Yeast. For Yeast. 31,886; Apr. 5.
Menasha Printing and Carton Company, Menasha, Wis., assignor to The Model Baking Co., New Albany, Ind. Prints's Butter-Krust Bread. For Bread. 31,887; Apr 5.
Model Baking Co., The. (See Menasha Printing and Carton Company, assignor.)
Modern Library, Inc., The, New York, N. Y. Modern Library 24. For Books, Being Placed Around the Books as a Jacket. 31,888; Apr. 5.
Modern Library, Inc., The, New York, N. Y. Modern Library 68. For Books, Being Placed Around the Books as a Jacket. 31,889; Apr. 5.
Modern Library, Inc., The, New York, N. Y. Modern Library 93. For Books, Being Placed Around the Books as a Jacket. 31,890; Apr. 5.
Modern Library, Inc., The, New York, N. Y. Modern Library 93. For Books, Being Placed Around the Books as a Jacket. 31,891; Apr. 5.
Pan-Como Company, The, Springfield, Mass. Saint George. For Malt Extract. 31,892; Apr. 5.
Physicians & Hospitals Supply Co., Inc., Minneapolis, Minn. Cheropin. For Medicinal Preparation for Relieving Coughs in Infants and Small Children. 31,893; Apr. 5.
Piquant Food Company, The. (See Gelfand, Simon.)
Reichard, P. E., doing business as P. E. Reichard Co. Red Lion, Pa. White Orchid. For Cigars. 31,894; Apr. 5.
Sack, Benjamin, doing business as The Continental Oil Co., New York, N. Y. Rapid Washing Water. For Chemical Compound for Clothes and Other Washing. 31,895; Apr. 5.
Snow, Virginia, Elgin, Ill. Playtime Embroidery Box. For Lunch Cloths and Napkins and on Embroidery Floss and Embroidery Hoops. 31,896; Apr. 5.
Snow, Virginia, Elgin, Ill. Playtime Embroidery Box. For Quilt Blocks and on Embroidery Floss and Embroidery Hoops. 31,897; Apr. 5.
Sterling Macaroni Co. (See Joliet Macaroni Company.)
Super Service Corporation, Omaha, Nebr. Super Service. For Nickel Polish. 31,898; Apr. 5.
Super Service Corporation, Omaha, Nebr. Super Service. For Penetrating Oil. 31,899; Apr. 5.
Super Service Corporation, Omaha, Nebr. Super Service. For Liquid Radiator Cement. 31,900; Apr. 5.
Super Service Corporation, Omaha, Nebr. Super Service. For Metal Polish. 31,901; Apr. 5.
Super Service Corporation, Omaha, Nebr. Super Service. For Closed Car-Top Dressing. 31,902; Apr. 5.
Super Service Corporation, Omaha, Nebr. Super Service. For Gasket Cement. 31,903; Apr. 5.
Super Service Corporation, Omaha, Nebr. Super Service. For Auto Polish. 31,904; Apr. 5.
Super Service Corporation, Omaha, Nebr. Super Service. For Engine Enamel. 31,905; Apr. 5.
Super Service Corporation, Omaha, Nebr. Super Service. For Shellac Compound for Gaskets and Rims. 31,906; Apr. 5.
Super Service Corporation, Omaha, Nebr. Super Service. For Enamel. 31,907; Apr. 5.
Sutherland, C. R. & W. J., Albany, N. Y. Stony Brook. For Butter. 31,908; Apr. 5.
Swedish Products Company, Minneapolis, Minn. Little Swede Shiner. For Polish for and Surface Requiring a Perfect Finish. 31,909; Apr. 5.
Swing, M. E., Co., Washington, D. C. Press Club Coffee. For Coffee. 31,910; Apr. 5.
Vita Laboratories, The. (See Dagostino, Angela J.)

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

American Lead Pencil Company, New York, N. Y. Venus Su Garantia De Perfección No. 520. For Pencils. 9,693; Apr. 5.
American Lead Pencil Company, New York, N. Y. New Venus Pencil No. 138. For Pencils. 9,694; Apr. 5.
American Lead Pencil Company, New York, N. Y. New Venus Pencil C 65. For Pencils. 9,695; Apr. 5.
Black, Starr & Frost, New York, N. Y. Black, Starr & Frost Have, Of Course. For Jewelry. 9,696; Apr. 5.
Cadet Knitting Company, Philadelphia, Pa. The New Complete Cadet Van Dyke Foot. For Hosiery. 9,697; Apr. 5.
Cream of Wheat Co. Minneapolis, Minn. Milk And Cereal Mixture In The Infant's Diet. For Wheat Breakfast Food. 9,698; Apr. 5.
D & C Co. Inc., The, Wilmington, Del., and Brooklyn, N. Y. For Dessert My-T-Fine. For Dessert Preparations. 9,699; Apr. 5.
Garnet, George H., doing business as The George H. Garnet Co., Allentown, Pa. Parodant. For a Crystallized Deodorant. 9,700; Apr. 5.
Johnson, Charles Eneu, and Company, Philadelphia, Pa. Johnson's Inks. For Inks. 9,701; Apr. 5.

Johnson, Charles Eneu, and Company, Philadelphia, Pa. Inks. For Inks. 9,702; Apr. 5.
Johnson, Charles Eneu, and Company, Philadelphia, Pa. Charles Enen Johnson & Co. Inks. For Inks. 9,703; Apr. 5.
Johnson, Charles Eneu, and Company, Philadelphia, Pa. H. J. Soulen. For Inks. 9,704; Apr. 5.
Johnson, Charles Eneu, and Company, Philadelphia, Pa. Lynn Bogue Hunt. For Inks. 9,705; Apr. 5.
Johnson, Charles Eneu, and Company, Philadelphia, Pa. Charles Eneu Johnson & Co. For Inks. 9,706; Apr. 5.
Johnson, Charles Eneu, and Company, Philadelphia, Pa. Johnson. For Inks. 9,707; Apr. 5.
New Jersey Zinc Company, The, New York, N. Y. This White Paint Does Not Turn Dark. For Paint. 9,708; Apr. 5.
Schmid, Julius, Inc., New York, N. Y. Santro Baby Teething Rings. For Teething Rings. 9,709; Apr. 5.
Slipper Shop, Inc., The, Chicago, Ill. Three as a Pair and a Spare. For Hosiery. 9,710; Apr. 5.
Vogue Rubber Company, Chicago, Ill. Aristocrat of Tiredom. For Tires. 9,711; Apr. 5.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Ackermann and Company, Atlanta, Ga. Pickle relish. 243,185; Apr. 5.
Acme Cork Co. (See Zohman, Nathan.)
Acme Cotton Products Co., Inc., New York, N. Y. Sanitary napkins. 243,795; Apr. 5.
Akron Barrow Company, The, Cleveland, Ohio. Tubular wheelbarrows, contractors' wheelbarrows, and concrete carts. 224,269; Apr. 5.
American Disinfecting Company, Sedalia, Mo. Insecticides, germicides, and disinfectants. 240,388; Apr. 5.
American Finance & Commerce Company, San Francisco, Calif. Structural steel members. 243,680; Apr. 5.
Arlington Rubber Company, Everett, Mass. Golf balls. 243,188; Apr. 5.
Associated Educators Syndicate, Bay City, Mich. Card game. 243,917; Apr. 5.
Atlantic Gypsum Products Company, Boston, Mass. Building blocks, partition tile, etc. 243,639; Apr. 5.
Automotive Battery Corp., Chicago, Ill. Storage batteries, battery chargers, and parts thereof. 236,190; Apr. 5.
Balding, Ned A., Lincoln, Ill. Medicine for the treatment of the eyes. 244,913; Apr. 5.
Barnet Leather Co., Inc., New York, N. Y. Leather. 243,919; Apr. 5.
Beacon Devices, Inc., North Tonawanda, N. Y. Liquid carbon dioxide. 241,077; Apr. 5.
Behr & Hirtenstein, New York, N. Y. Manufactured articles of celluloid. 242,566; Apr. 5.
Benedikt, H. S., Company, Inc., New York, N. Y. Clocks. 244,208; Apr. 5.
Better Health Malt Syrup Co., Chicago, Ill. Malt sirup for food purposes. 243,583; Apr. 5.
Birmingham, L. E., Sturgeon Bay, Wis. Fresh apples. 211,516; Apr. 5.
Black Palm, Inc., New York, N. Y. Dates, figs, citron, ginger, etc. 233,165–6; Apr. 5.
Borck & Stevens Incorporated, Bridgeport, Conn. Bread, coffee cakes, rolls, etc. 242,081; Apr. 5.
Bourjois, Inc., New York, N. Y. Toilet soap. 236,251; Apr. 5.
Boyd, Walter E., Paris, Tex. Newspaper. 243,746; Apr. 5.
Brooklyn Scientific Products Company. (See Saletan, Samuel.)
Brooten, H. H., & Sons Inc., Cloverdale, Oreg. Kelp mineral products. 242,982; Apr. 5.
Buckley, Newhall Company, The, New York, N. Y. Humidors, ash receivers and trays, cigar cases, etc. 241,081–2; Apr. 5.
Cadwallader-Gibson Co., Inc., Los Angeles, Calif. Hardwood doors, softwood doors, trim mouldings, etc. 228,593; Apr. 5.
Cain Bros. Milling Co., The, Leavenworth, Kans. Wheat flour, mill feed, and corn meal. 243,345; Apr. 5.
California Peanut Co. (See Damianakes, Nicholas P.)
California Spray-Chemical Company, Watsonville, Calif. Insecticidal, germicidal, and fungicidal sprays for trees and plants. 244,424–26; Apr. 5.
Campbell, Dundas R., doing business as PhaMaSal Company, Rockville Center, N. Y. Medicinal powders. 243,641; Apr. 5.
Carrier-Stephens Company, Lansing, Mich. Preparation for application to glass for precluding fogging. 230,660; Apr. 5.
Chapin & Company, Chicago, Ill. Prepared dairy feeds. 244,543; Apr. 5.
Chase, W. P., Candy Corp., Brooklyn, N. Y. Candies. 241,926; Apr. 5.
Cincinnati Truss Company, The, Cincinnati, Ohio. Trusses and suspensories. 244,603; Apr. 5.
Cleveland Toridair Co. (See Hertzig, Lambert B.)
Continental Bank-Supply Company, Mexico, Mo. Bank supplies. 228,744; Apr. 5.
Chicchio, Paul, New York, N. Y. Steel dies and bronze molds. 242,709; Apr. 5.
Crosby, William F., South Lancaster, Mass. Fresh and canned mushrooms, mushroom catchup, apples, potatoes, chickens, etc. 228,178; Apr. 5.
Curtiss Candy Company, The, Chicago, Ill. Candy and candy bars. 244,672; Apr. 5.
Daigger Corporation, The, Chicago, Ill. Substitutes for glycerin. 244,854; Apr. 5.
Damianakes, Nicholas P., doing business as California Peanut Co., Oakland, Calif. Candy. 227,114; Apr. 5.
Darling-Singer Lumber Co., Portland, Oreg. Lumber. 243,689; Apr. 5.
Dayton Friction Toy Company, The, Dayton, Ohio. Computing toys. 244,056; Apr. 5.
Debow & Co., Newark, N. J. Butter. 244,855; Apr. 5.
Delano, Potter & Co., Inc., Boston, Mass. Tea and coffee. 244,547; Apr. 5.
Dell Publishing Company, New York, N. Y. Magazine. 242,416; Apr. 5.
Deloney & Company, Inc., Hammond, Ind., and Chicago, Ill. Ointment and tonic. 243,038; Apr. 5.
Detmer, Bruner & Mason, Inc., New York, N. Y. Woolen and worsted fabrics in the piece. 244,395; Apr. 5.
Dexter-Carpenter Coal Company, Incorporated, New York, N. Y. Coal. 244,058; Apr. 5.
Dexter-Carpenter Coal Company, Incorporated, New York, N. Y. Coal. 244,062; Apr. 5.
Dietz, R. E., Company, New York, N. Y. Oil burning lanterns and the burners and metal parts thereof. 244,550; Apr. 5.
Donaldson Manufacturing Co., Ltd., Glasgow, Scotland. Golf clubs, golf balls, golf bags, golf irons. 239,798; Apr. 5.
Downey, Michael J., Nashua, N. H. Liniment for rheumatism, sprains, and neuralgia. 244,396; Apr. 5.
Draper-Maynard Company, The, Plymouth, N. H. Golf balls. 244,606; Apr. 5.
Druggists' Supply Corporation, New York, N. Y. Golf ball. 244,856–8; Apr. 5.
Eagle, C. K., & Co., Inc., Shamokin, Pa., and New York, N. Y. Silk goods in the piece. 242,824; Apr. 5.
Eagle-Picher Lead Company, The, Chicago, Ill. Lead sulphate and lead oxide for use in the manufacture of storage-battery plates. 241,143; Apr. 5.
Eagle-Picher Lead Company, The, Chicago, Ill. Pig lead, roof flanges, solder, etc. 241,704–6; Apr. 5.
Eagle Roller Mill Co., Inc., Shelby, N. C. Wheat flour. 241,332; Apr. 5.
Edmonds Shoe Company, Milwaukee, Wis. Leather shoes. 190,771–2; Apr. 5.
Edwards, Dwight Company, Portland, Oreg. Coffee. 241,401; Apr. 5.
Electrical Refrigeration Corporation. (See Leonard Refrigerator Company, assignor.)
Electrified Water Co., Newark, N. J. Maltless beverages, soft drinks. 229,223; Apr. 5.
Ellison, John B., & Sons, Philadelphia, Pa. Fabrics made from wool, worsteds, or mixtures thereof. 216,898; Apr. 5.
Ellison, John B., & Sons, Philadelphia, Pa. Fabrics made of wool, worsted, cotton or mixtures thereof. 229,961; Apr. 5.
Emerson-Brantingham Corporation, Rockford, Ill. Plows and harrows. 244,682; Apr. 5.
Emsheimer & Sahlein, New York, N. Y. Silk fabrics. 244,005; Apr. 5.
Erie Malleable Iron Company, Erie, Pa. Electrical fittings. 226,481; Apr. 5.
Everkeen Corporation, Detroit, Mich. Magnetic razor-blade sharpener. 244,993; Apr. 5.
Everybody's Talking Machine Company, Inc., Philadelphia, Pa. Springs for talking machines. 242,715; Apr. 5.
Everybody's Talking Machine Company, Inc., Philadelphia, Pa. Reproducers and needles for talking machines. 242,716; Apr. 5.
Exhibitors Review Publishing Corporation, New York, N. Y. Publication. 244,351; Apr. 5.
Falcon Motors Corporation, Detroit, Mich. Passenger-carrying automobiles. 243,802; Apr. 5.
Fisher Flouring Mills Company, West Waterway, Harbor Island, Seattle, Wash. Wheat flour. 244,762; Apr. 5.
Fitger Company, The, Duluth, Minn. Beverages. 227,118; Apr. 5.
Flanigan, A. Roy, Williamsport, Pa. Medicine for acid stomach, heartburn, flatulence. 244,009; Apr. 5.
Flanigan, A. Roy, doing business as Sweetex Products, Williamsport, Pa. Antiseptic deodorizing powder. 244,008; Apr. 5.
Florsheim Bros. Dry Goods Co. Ltd., The, Shreveport, La. Hosiery. 242,531; Apr. 5.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Forrest Seed Co. Inc., The, Cortland, N. Y. Flower, garden, and field seed. 241,334; Apr. 5.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 234,116; Apr. 5.
Freeser, Morris, New York, N. Y. Boys' wear and men's and boys' lumber jackets. 244,223; Apr. 5.
Fremont Mills, The, Fremont, Nebr. Wheat flour. 244,687; Apr. 5.
Fusco, Salvatore E., doing business as S. E. Fusco Fruit Co., Los Angeles, Calif. Oranges, lemons, and grapefruit. 234,117; Apr. 5.
Garfield National Bank, The, New York, N. Y. Periodical. 239,407; Apr. 5.
Gazzoni, Maison A., & Compania, Bologna, Italy. Medicinal product for the treatment of neurasthenia, hysteria, etc. 243,938; Apr. 5.
General Baking Company, New York, N. Y. Cake. 244,924–5; Apr. 5.
Getz, Alex, Chicago, Ill. Butter and eggs. 240,971; Apr. 5.
Gilmour, Rothery & Co., Boston, Mass. House organs. 244,497; Apr. 5.
Gish-Fortney Co. Inc., Louisville, Ky. Therapeutic apparatus. 243,541; Apr. 5.
Glasfabriken und Raffinieren Josef Inwald A. G., Vienna, Austria. Glassware. 242,229; Apr. 5.
Glen-Kel Publishing Co., Inc., New York, N. Y. Magazine. 244,150; Apr. 5.
Godde, Albert, Bedin, Inc., New York, N. Y. Silk piece goods. 244,591; Apr. 5.
Goldman, Sigmund L., doing business as Stone Malt Co., Chicago, Ill., and Columbus, Ohio. Malt sirup for beverage purposes. 243,266; Apr. 5.
Good Luck Food Co., Inc., Rochester, N. Y. Preparation for making pie fillings and puddings. 237,101; Apr. 5.
Great Atlantic & Pacific Tea Co., The, Jersey City, N. J. Coffee. 244,927; Apr. 5.
Greenberg, Elias, New York, N. Y. Medicinal preparation for the relief of aches, pains, headaches, etc. 243,698; Apr. 5.
Greenhill & Daniel, Brooklyn, N. Y. Bathing suits. 244,069; Apr. 5.
H-O Lacquer Mfg. Co., Brooklyn, N. Y. Lacquers and paint enamels. 240,855; Apr. 5.
Haas, Nuevo L., doing business as Haas Bros., Benton Harbor, Mich. Corn plasters. 244,439; Apr. 5.
Hadfield-Penfield Steel Company, The, Bucyrus, Ohio. Tractors, road graders, etc. 243,757; Apr. 5.
Hardwick-Spencer Medicine Company, Ltd., Charleston, W. Va. Medicinal preparation. 228,188; Apr. 5.
Haynes, John, Pawhuska, Okla. Medicine for the treatment of rheumatism and diseases of the skin and blood. 241,154; Apr. 5.
Heftone Co., The. (See Lewis, Giles W.)
Heimbuecher, John H., Metals Co., St. Louis, Mo. Brass and copper tubing, gutter hangers, rivets, etc. 243,057; Apr. 5.
Heitkamp Bros., Inc., New Orleans, La. Hair dressing or tonic. 244,824; Apr. 5.
Hertzig, Lambert B., doing business as Cleveland Toridair Co., Cleveland, Ohio. Liquid-fuel burners and apparatus associated therewith. 244,866; Apr. 5.
Heyer, George S., Houston, Tex. Skin powder. 241,483; Apr. 5.
Hirsh, Henry, doing business as Home Beverage Co., Chicago, Ill. Malt sirup. 244,770; Apr. 5.
Holser, Charles, Santa Cruz, Calif. Complete wheat flour, wheat grits, bran, and bread. 234,397; Apr. 5.
Home Beverage Co. (See Hirsh, Henry.)
Hooper, Wm. E., & Sons Co., Woodberry, Baltimore, Md. Canvas baskets and similar canvas containers. 239,583; Apr. 5.
Hooper, Wm. E., & Sons Co., Woodberry, Baltimore, Md. Waterproof fabric and waterproof cotton duck. 243,270; Apr. 5.
Hooper, Wm. E., & Sons Co., Baltimore, Md. Waterproof fabric and waterproof cotton duck. 243,945; Apr. 5.
Hooper, Wm. E., & Sons Co., Baltimore, Md. Waterproof fabric and waterproof cotton duck. 243,947–8; Apr. 5.
Hospital Specialty Co., The, Cleveland, Ohio. Sanitary napkins. 235,818–19; Apr. 5.
Hospital Specialty Co., The, Cleveland, Ohio. Sanitary napkins. 235,822; Apr. 5.
Hospital Specialty Co., The, Cleveland, Ohio. Sanitary napkins. 235,827; Apr. 5.
Houghton, E. F., & Co., Philadelphia, Pa. Cutting oils. 244,401; Apr. 5.
Hudson & Company, Inc., New York, N. Y. Antiseptic and deodorant preparation. 244,825; Apr. 5.
Hulseberg & Krudener, Inc., New York and Brooklyn, N. Y. Cheese. 244,012; Apr. 5.
Imperial Brass Manufacturing Company, The, Chicago, Ill. Storage-battery terminals, plugs, screws, and bushings. 235,303; Apr. 5.
Imperial Silk House, The, New York, N. Y. Cotton, silk, artificial silk, wool, etc. 243,761; Apr. 5.
Insertograph Co., Waukesha, Wis. Mail-inserting machines. 244,986; Apr. 5.
International Agricultural Corporation, New York, N. Y. Fertilizers. 244,303; Apr. 5.
International Shoe Polish, Inc., Lynn, Mass. Shoe polish. 237,814; Apr. 5.
Jacobs, Frank F., Indianapolis, Ind. Liquid medicine for treatment of animals. 243,608; Apr. 5.
James, Mrs. I. Leonard, doing business as Prescription Laboratories, Atlanta, Ga. Mouth and throat antiseptic, astringent, and prophylactic. 243,705; Apr. 5.
Japan Paper Company, New York, N. Y. Italian handmade and handlaid writing paper. 215,209; Apr. 5.
Jelmarvl Co., Los Angeles, Calif. Jams, jellies, jelly concentrate, etc. 244,871; Apr. 5.
Johnson & Derby, Laredo, Tex. Fresh vegetables and melons. 233,555; Apr. 5.
Johnson Lumber Company, Manchester, N. H. Toy miniature lumber. 243,762; Apr. 5.
June Days, Incorporated, Des Moines, Iowa. Face powder, bath powder, cold cream, rouge, etc. 244,939; Apr. 5.
Kann, William L., Pittsburgh, Pa. Lumber. 242,786; Apr. 5.
Kansas Flour Mills Corporation, The, Kansas City, Mo. Wheat flour. 240,715; Apr. 5.
Keyser & Co., New York, N. Y. Women's and misses' fur coats, spring coats, fur neck pieces, and dresses. 243,951; Apr. 5.
Kosan Co. (See Morlan, Dean.)
Kostritsky, S., Paris, France. Dentifrices. 243,815; Apr. 5.
Kraft Cheese Company, Chicago, Ill. Cheese. 243,708; Apr. 5.
Lankenau, John R., Co., Boston, Mass. Textile fabrics stamped with embroidery patterns. 226,776; Apr. 5.
La Societe Generale de Produits, Specialises, Geneva, Switzerland. Laxative and cathartic in solid form. 241,230; Apr. 5.
Lawrence, Incorporated, Philadelphia, Pa. Toilet preparations. 242,676; Apr. 5.
Le Maire Perfumeur, Inc., Chicago, Ill. Face powders, creams, and packs, toilet waters, rouges, etc. 242,542; Apr. 5.
Lemont Refining Company, Lemont, Ill. Motor fuel oils. 243,058; Apr. 5.
Leonard Refrigerator Company, Grand Rapids, assignor to Electrical Refrigeration Corporation, Detroit, Mich. Refrigerators and refrigerator parts. 234,961; Apr. 5.
Lewis, Giles W., doing business as The Heftone Co., Vaughan, Miss. Vegetable and iron compound for use as a general tonic and system builder. 244,833; Apr. 5.
Lieberman, Ed, Chicago, Ill. Bed springs. 243,275; Apr. 5.
Lissauer & Company. (See Mirabeau, Marcel M.)
Lockport Paper Company, Lockport, N. Y. Building felts. 244,161; Apr. 5.
Los Angeles Soap Company, Los Angeles, Calif. Soda. 244,164; Apr. 5.
Loyless Publishing Company, Atlanta, Ga. Publication. 244,358; Apr. 5.
Macfadden Publications Incorporated, New York, N. Y. Magazine. 244,165; Apr. 5.
Macy, R. H., & Co., Inc., New York, N. Y. Safety-razor blades. 239,257; Apr. 5.
Magic Coffee Company, Pittsburgh, Pa. Liquid coffee extract. 243,767; Apr. 5.
Maples, Edward T., San Francisco, Calif. Periodical. 244,507; Apr. 5.
Martorano, Rosario, Brooklyn, N. Y. Hair tonics. 244,019; Apr. 5.
Mayflower Oil Company, Boston, Mass. Gasoline, kerosene, lubricating oil and greases, fuel oils. 226,816; Apr. 5.
McCullough's, J. M., Sons Co., The, Cincinnati, Ohio. Seeds, plants, and bulbs. 243,008; Apr. 5.
McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Candy, chocolate, cocoa, etc. 240,613; Apr. 5.
Mesdor and Young, Incorporated, Nashville, Tenn. Coal. 243,101; Apr. 5.
Metals Protection Corporation, Indianapolis, Ind. Salts and buffing compound for use in cadmium plating. 243,871; Apr. 5.
Methodist Book Concern, The, Cincinnati, Ohio. Periodical. 244,361; Apr. 5.
Michael, David, & Co., Philadelphia, Pa. Flavoring for food products. 244,172; Apr. 5.
Miller-Smith, Inc., Cedar Grove, La. Mechanical toy figure. 244,173; Apr. 5.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Men's shirts. 241,778; Apr. 5.
Mirabeau, Marcel M., doing business as Lissauer & Company, New York N. Y. Watches clocks and their movements. 244,711; Apr. 5.
Missouri Butterine Co. (See St. Louis Independent Packing Company.)
Morlan, Dean, doing business as Kosan Co., Hollywood, Calif. Healing and deodorizing vaginal bath compound. 240,147; Apr. 5.
Moroccan Estates, Inc., New York, N. Y. Leather cushions. 239,818; Apr. 5.
Mutual Manufacturing Co. (See Webster, William A., Company, The.)

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Narrow Fabric Co., The, West Reading and Reading, Pa. Elastic fabric in the piece. 228,126; Apr. 5.
Narrow Fabric Co., The, West Reading and Reading, Pa. Sanitary napkins. 244,086; Apr. 5.
National Golf Service Co., Inc., New York, N. Y. Card game. 244,087; Apr. 5.
Nelson, Semion S., Hartford, Conn. Cough lozenges. 244,949; Apr. 5.
Niketol, Inc., New York, N. Y. Anæsthetics. 244,463; Apr. 5.
Oilgear Company, The, Milwaukee, Wis. Hydraulic transmission units. 244,511; Apr. 5.
Old Trusty Dog Food Company, Needham Heights, Mass. Dog food. 244,092; Apr. 5.
Old Trusty Dog Food Company, Needham Heights, Mass. Dog food. 244,094; Apr. 5.
Pabst, Edmund F., doing business as Pabst Chemical Co., Chicago, Ill. Genito-urinary antiseptic and diuretic. 244,783; Apr. 5.
Pacific Egg Producers Cooperative, Inc., New York, N. Y. House organ. 244,367; Apr. 5.
Pålsson, Bror, Malmo, Sweden. Refrigerators, refrigerating apparatus, and ice-making machines and parts thereof. 241,633; Apr. 5.
Paxton Flour & Feed Co., Harrisburg, Pa. Pie and cake flour. 241,957; Apr. 5.
Peabody, Lucy W., Cambridge, Mass. Magazine. 244,569; Apr. 5.
Penn Handkerchief Co., Inc., Madison, N. C. Handkerchiefs. 243,878; Apr. 5.
Pennsylvania Gypsum Company, Chester, Pa. Wall and plaster board, and joint-filling material. 241,835; Apr. 5.
Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Cryolite. 244,105; Apr. 5.
Perret, Louis, et Fils, La Chaux-de-Fonds, Switzerland. Mainsprings for clocks and watches. 221,766; Apr. 5.
Pfeiffer, S., Mfg. Co., St. Louis, Mo. Medicinal preparation for the relief of coughs, colds, hoarseness, etc. 244,178; Apr. 5.
PhaMaSal Company. (See Campbell, Dundas R.)
Pillet, Alphonse, doing business as Pillet, New York, N. Y. Perfumes. 242,064–5; Apr. 5.
Pinus Medicine Company, Monticello, Ill. Internal remedies. 227,472; Apr. 5.
Pioneer Paper Company, Los Angeles, Calif. Asphalt compound for coating underground pipes and conduits. 243,965; Apr. 5.
Pitt, C. M., & Sons Company, The, Baltimore, Md. Beverage and sirup for making same. 243,230; Apr. 5.
Pollock, Wm., Milling & Elevator Co., Mexico, Mo. Wheat flour. 244,719; Apr. 5.
Powell Drug Co., Sylvania, Ga. Medicine for the treatment of headaches, neuralgia, etc. 243,967; Apr. 5.
Prescott Company, The, Menominee, Mich. Sawmill and mining machinery, accessories, and parts. 239,379; Apr. 5.
Prescription Laboratories. (See James, Mrs. I. Leonard.)
Pre-Test Products Company, Sedalia, Mo. Digestant for all poultry. 243,884; Apr. 5.
Pro Distributors Publishing Company, Inc., New York, N. Y. Magazine. 243,109; Apr. 5.
Radway, Laura M., New York, N. Y. Overshoes. 243,110; Apr. 5.
Rand McNally and Company, Chicago, Ill. Publication. 244,471; Apr. 5.
Ranier Pharmaceutical Products Co., Kenmore, N. Y. Pharmaceutical preparations. 243,783; Apr. 5.
Real Silk Hosiery Mills, Indianapolis, Ind. Hosiery. 244,181; Apr. 5.
Reis, G., & Bro., Inc., New York, N. Y. Textile paints and paint thinner and brush wash. 244,242; Apr. 5.
Riedel, J. D., Aktiengesellschaft, Berlin-Britz, Germany. Spasmodic used in the treatment of tabes, pseudotabes, etc. 242,801; Apr. 5.
Roberts, Glazebrook & Co. Ltd., doing business as Tyseley Paint and Varnish Works, Birmingham, England. Paints, varnishes, stains, and paint enamels. 234,872; Apr. 5.
Romano, Charles G., doing business as Charles G. Romano & Co., New York, N. Y. Fruit jams. 242,621; Apr. 5.
Roper, Geo. D., Corporation, Rockford, Ill. Gas ranges, plates, heaters, and stoves. 219,912; Apr. 5.
St. Louis Independent Packing Company, doing business as Missouri Butterine Co., St. Louis, Mo. Oleomargarine and lard. 226,173; Apr. 5.
Saletan, Samuel, doing business as Brooklyn Scientific Products Company, Brooklyn, N. Y. Medicinal preparations. 244,720; Apr. 5.
Sanat Refrigerating Company, New York, N. Y. Refrigerators and refrigerating machinery. 243,727; Apr. 5.
Scandinavia Belting Company, The, Newark, N. J. Woven belting, transmission and brake lining. 243,174; Apr. 5.
Schluderberg, Wm.-T. J. Kurdle Co., The, Baltimore, Md. Lards, butter, hams, bacon, sausage, etc. 239,681; Apr. 5.
Schoeneman, J., Incorporated, Baltimore, Md. Coats, vests, trousers, knickerbockers, topcoats, and overcoats for men, youths, and boys. 243,973; Apr. 5.
Schultz, Baujan & Co., Beardstown, Ill. Wheat flour. 244,724; Apr. 5.
Seacoast Canning Company, Eastport, Me., assignor to Seacoast Tuna & Sardine Corporation, East San Pedro, Calif. Canned fish. 219,772; Apr. 5.
Seroogy, Solomon R., doing business as Sol Seroogy, Green Bay, Wis. Bar candies. 242,752; Apr. 5.
Sethness Company, Chicago, Ill. Beverages and concentrates for making same. 244,790; Apr. 5.
Sexton, John, and Company, Chicago, Ill. Canned fruits, canned vegetables, canned pork and beans, salmon. 230,266; Apr. 5.
Sexton Mfg. Co., Fairfield, Ill. Men's underwear and night wear. 227,477; Apr. 5.
Shotwell Mfg. Co., The, Chicago, Ill. Candy bar. 237,290; Apr. 5.
Simon & Frey, Inc., New York, N. Y. Violin and cello strings. 243,025; Apr. 5.
Smith Brothers Publishers, Inc., New York, N. Y. Magazine. 244,030; Apr. 5.
Smith & Nichols, Incorporated, New York, N. Y. Candies. 244,575; Apr. 5.
Smith & Nichols, Incorporated, New York, N. Y. Candies. 244,577; Apr. 5.
Societe Anonyme "Les Hesperidees," Paris, France. Oils, essences, and raw materials for perfumes and perfumery products. 244,579; Apr. 5.
Societe Anonyme Parosa, Issy-les-Molineaux, France. Synthetic perfume essence. 244,796; Apr. 5.
Sparkletts Artesian Water Co., Los Angeles, Calif. Drinking water. 244,797; Apr. 5.
Spivak, Max, New York, N. Y. Silk piece goods. 244,798; Apr. 5.
Spratt's Patent (American) Limited, London, England. Dog food. 244,727; Apr. 5.
Standard Fuel Engineering Company, Detroit, Mich. High-temperature cement. 243,566; Apr. 5.
Stearns, F. U., & Company, New York, N. Y. Cotton piece goods. 244,479; Apr. 5.
Stearns, Frederick, & Company, Detroit, Mich. Medicinal preparation for the treatment of coughs, colds, etc. 244,437; Apr. 5.
Steedman, John, & Company, London, England. Teething powders. 244,449; Apr. 5.
Sterling Products Company, The, Cleveland, Ohio. Plastic material. 243,508; Apr. 5.
Sterling Products Company, The, Cleveland, Ohio. Asphalt emulsion. 243,509; Apr. 5.
Stone Malt Co. (See Goldman, Sigmund L.)
Sunland Laboratories Inc., Los Angeles, Calif. Shampoo, hair rinse, hair tonic, and hairdressing. 244,894; Apr. 5.
Super Oil Heater Company, The, Hartford, Conn. Oil burners and oil heaters. 226,797; Apr. 5.
Susquehanna Silk Mills, New York, N. Y. Silk piece goods. 225,623; Apr. 5.
Sweetex Products. (See Flanigan, A. Roy.)
Tennessee Stove Works, Chattanooga, Tenn. Coal, wood, or gas ranges. 244,033; Apr. 5.
Textile Publishing Company, New York, N. Y. Periodical publication. 241,797; Apr. 5.
Tremaine Alfalfa Ranch & Milling Company, Mesa, Ariz. Lettuce. 244,801; Apr. 5.
Two in One Confection Company, Latrobe, Pa. Cake comprising a wheat product and milk chocolate. 215,717; Apr. 5.
Tyseley Paint and Varnish Works. (See Roberts, Glazebrook & Co. Ltd.)
Union Publishing Company, Dallas, Tex. Magazine. 244,521; Apr. 5.
Universal Mills, Fort Worth, Tex. Feed for livestock. 244,581; Apr. 5.
Van Houten, Inc., New York, N. Y., assignor to C. J. Van Houten & Zoon, Weesp, Netherlands. Candy in form of chocolate wafers. 226,837; Apr. 5.
Victor Engineering Corporation, New York, N. Y. Paint. 244,037; Apr. 5.
Victor Talking Machine Company, Camden, N. J. Sound recording and reproducing machinery and appurtenances thereto and parts thereof, etc. 242,360; Apr. 5.
Voneiff-Drayer Co., Baltimore, Md. Candy. 244,195; Apr. 5.
Wadsworth-Howland Company, Chicago, Ill. Semigloss enamel-finish paint. 242,401; Apr. 5.
Weber, William G., doing business as Weber Correcto Belt Co., New York, N. Y. Corset belt. 244,260; Apr. 5.
Webster, F. S., Company, Boston, Mass. Inking ribbons and carbon paper. 244,585; Apr. 5.
Webster, William A., Company, Memphis, Tenn. Shaving creams, mouth washes, foot powders, etc. 243,332; Apr. 5.
Webster, William A., Company, The, doing business as Mutual Manufacturing Co., Memphis, Tenn., and Kansas City, Mo. Shaving cream. 243,331; Apr. 5.
Weill, Nathan L., Inc., New York, N. Y. Furs and skins in the piece. 243,734; Apr. 5.
Weissman, S., Co., Inc., New York, N. Y. Watches, watch movements, and parts of the same. 242,932; Apr. 5.
Wensley Metal Products Company, The, Denver, Colo. Drum traps. 243,676; Apr. 5.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

West Penn Cement Company, Butler, Pa. Cement. 241,552; Apr. 5.
Western Glass Company, The, Streator, Ill. Figured sheet glass. 228,878; Apr. 5.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric transformers and equipment therefor. 233,341; Apr. 5.
Weyerhaeuser Forest Products, St. Paul, Minn. Lumber and planing-mill products. 242,073; Apr. 5.
Wheeler Reid Publications, Inc., Hollywood, Calif. Periodical publication and magazine. 238,526; Apr. 5.
White Company, The, Cleveand, Ohio. Publication. 244,902–3; Apr. 5.
Whiting, John L.-J. J. Adams Company, Boston, Mass. Brushes for painting, varnishing, or applying various liquids, etc. 226,404–5; Apr. 5.
Wilkening Manufacturing Company, Philadelphia, Pa. Piston rings. 244,841; Apr. 5.
Williamsport Mirror and Glass Company, Williamsport, Pa. Flat glass, silvered and unsilvered. 231,223; Apr. 5.
Willys-Overland Company, The, Toledo, Ohio. Passenger-carrying automobiles. 243,837; Apr. 5.
Wogoman, Verbin C., doing business as Wogoman Paint & Varnish Co., Los Angeles, Calif. Ready-mixed paints, paint enamels, lacquer, paint oils. 244,906; Apr. 5.
Wollman Silk Corporation, New York, N. Y. Silk piece goods. 241,310; Apr. 5.
Wright, Fred R., Charlotte, N. C. Dresses. 243,990; Apr. 5.
Youngstown Steel Door Co., The, Cleveland, Ohio. Steel car doors and fixtures therefor. 238,936; Apr. 5.
Yund, Kennedy & Yund, Amsterdam, N. Y. Woolen piece goods. 244,843; Apr. 5.
Zohman, Nathan, doing business as Acme Cork Co., New York, N. Y. Wooden faucets 244,643; Apr. 5.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Bulbs, seeds, and plants. West Coast Bulb Co. Inc. 226,203; Apr. 5; Serial No. 237,769; published Jan. 18, 1927.
Clay, Fire. Rex Clay Products Company. 226,399; Apr. 5; Serial No. 239,895; published Jan. 11, 1927.
Coal. Bell Coal Company. 226,332; Apr. 5; Serial No. 239,789; published Jan. 25, 1927.
Coal. Black Diamond Coal Mining Company. 226,170; Apr. 5; Serial No. 232,865; published Aug. 17, 1926.
Dogs and horses. A. L. Fitz Patrick. 226,340; Apr. 5; Serial No. 237,731; published Jan. 11, 1927.
Leather. Barnet Leather Co. 226,402; Apr. 5; Serial No. 239,960; published Jan. 18, 1927.
Leather. Barnet Leather Co. 226,403; Apr. 5; Serial No. 239,961; published Jan. 18, 1927.
Leather, Side upper. American Hide and Leather Company. 226,411; Apr. 5; Serial No. 239,076; published Jan. 18, 1927.
Leather, Sole and harness. Haffner Brothers Company. 226,278; Apr. 5; Serial No. 239,173; published Jan. 11, 1927.
Leathers, Upper. Standard Kid Co. 226,339; Apr. 5; Serial No. 221,141; published Jan. 11, 1927.
Modeling compound. J. Dumouchel. 226,310; Apr. 5; Serial No. 240,811; published Jan. 25, 1927.
Sand. A. H. Sullivan. 226,338; Apr. 5; Serial No. 222,717; published Jan. 11, 1927.
Sawdust and shavings. National Sawdust Co. 226,305; Apr. 5; Serial No. 240,431; published Jan. 25, 1927.
Seed, Cotton planting. S. Hamburger. 226,398; Apr. 5; Serial No. 239,855; published Jan. 18, 1927.
Skins. P. Centemeri & Co. 226,311; Apr. 5; Serial No. 240,847; published Jan. 25, 1927.

CLASS 2.

Bags, Mothproof. Seinsheimer Paper Company. 226,458; Apr. 5.
Baskets, Wood-splint. Edgerton Manufacturing Co. 226,186; Apr. 5; Serial No. 222,977; published Jan. 25, 1927.

CLASS 3.

Horse and mule shoes. Standard Horse Shoe Company. 64,177; renewed July 30, 1927.

CLASS 4.

Abrasive papers and cloths. H. Behr & Company. 226,251; Apr. 5; Serial No. 240,800; published Jan. 25, 1927.
Cleaning liquid, Wall and wall-paper. M. & K. Manufacturing Co. 226,238; Apr. 5; Serial No. 240,310; published Jan. 25, 1927.
Cleanser for dentures. Nyko Laboratories. 226,288; Apr. 5; Serial No. 241,430; published Jan. 25, 1927.
Polish. Great Results Company. 226,213; Apr. 5; Serial No. 238,653; published Jan. 25, 1927.
Polish, Metal. C. McAllister. 226,286; Apr. 5; Serial No. 241,345; published Jan. 25, 1927.
Polish, Metal and glass. D. Goldberg. 226,289; Apr. 5; Serial No. 241,479; published Jan. 25, 1927.
Powdered preparation for general household cleaning purposes. Standard Products Incorporation. 226,263; Apr. 5; Serial No. 236,510; published Jan. 25, 1927.
Pumice stones. Heinrich Bender & Co. 69,731; renewed Mar. 23, 1927.
Soap. North American Dye Corporation. 226,461; Apr. 5.
Soap and shaving cream, Toilet. Cheramy, Inc. 226,428; Apr. 5.
Soap creams and toilet soaps. French Beauty Products Co. 226,323; Apr. 5; Serial No. 238,851; published Jan. 25, 1927.
Soap, Perfumed. A. & F. Pears Limited. 62,259; renewed Apr. 30, 1927.
Soap, Perfumed. R. F. White and Company. 226,366; Apr. 5; Serial No. 238,352; published Jan. 25, 1927.
Soaps. Societe en Nom Collectif M. & L. Biette Freres. 226,387; Apr. 5; Serial No. 239,603; published Jan. 25, 1927.
Washing and cleaning compound. P. C. Tomson & Co. 226,171; Apr. 5; Serial No. 232,960; published Jan. 25, 1927.

CLASS 5.

Pastes, Adhesive. American Crayon Company. 226,456; Apr. 5.
Size for threads and yarns, Malt. Erste Wiener Export Malzfabrik Hauser & Sobotka. 64,546; renewed Aug. 13, 1927.

CLASS 6.

Anodyne. Battle & Company, Chemists' Corporation. 63,428; renewed June 18, 1927.
Antipurulent. Battle & Company, Chemists' Corporation. 63,431; renewed June 18, 1927.
Antiseptic compound, perfumes, etc. Aktiebolaget P. Håkansson. 226,192; Apr. 5; Serial No. 229,210; published Jan. 25, 1927.
Astringent. Nolan Laboratories, Inc. 226,390; Apr. 5; Serial No. 240,000; published Jan. 25, 1927.
Baking powder and bicarbonate of soda. Hills Bros. 62,998; renewed June 4, 1927.
Beard softener, Liquid. T. Noonan & Sons Company. 226,185; Apr. 5; Serial No. 222,275; published Jan. 25, 1927.
Bitters. E. J. R. Exner. 61,682; renewed Apr. 2, 1927.
Chemical or medical preparation used as a hypnotic. Battle & Company, Chemists' Corporation. 63,430; renewed June 18, 1927.
Chemical or medical preparation used as an alterative. Battle & Company, Chemists' Corporation. 63,429; renewed June 18, 1927.
Cream, Face. Hanly Products Co. 226,441; Apr. 5.
Cream, vanishing cream, deodorant, perfume, toilet water, rouge, etc., Cold. A. M. Malone. 226,389; Apr. 5; Serial No. 239,814; published Jan. 25, 1927.
Eucalyptus oil contained in capsules or globules of gelatin. E. G. Binz Company. 226,194; Apr. 5; Serial No. 229,773; published Jan. 25, 1927.
Foods, beverages, and condiments. J. F. Humphreys & Co. 29,592; renewed Feb. 23, 1927.
Formula made up into stomach tablets. F. H. Pfunder. 226,277; Apr. 5; Serial No. 239,045; published Jan. 25, 1927.
Hair tonic and tar shampoo. H. Huebschman. 226,414; Apr. 5; Serial No. 239,412; published Jan. 18, 1927.
Laxative herb preparation. L. Doussang. 226,450; Apr. 5.
Liniment. W. L. Edmiston. 226,193; Apr. 5; Serial No. 229,506; published Jan. 25, 1927.
Medicinal preparation. Harrower Laboratory Inc. 226,370; Apr. 5; Serial No. 241,481; published Jan. 25, 1927.
Medicinal preparation for an antiseptic, etc. Winthrop Chemical Company. 226,372; Apr. 5; Serial No. 241,505; published Jan. 25, 1927.
Medicinal preparation for use as an antisyphilitic. Winthrop Chemical Company. 226,373; Apr. 5; Serial No. 241,506; published Jan. 25, 1927.
Medicinal preparation used in the treatment of colds, chills, etc. O. Mausert. 226,360; Apr. 5; Serial No. 241,422; published Jan. 25, 1927.
Medicine, Mange. Polk Miller Products Corporation. 226,448; Apr. 5.
Oil for medicinal purposes. C. de K. Tilly. 59,282; renewed Jan. 1, 1927.
Oil for medicinal purposes. C. de K. Tilly. 59,522; renewed Jan. 8, 1927.
Oil for medicinal purposes. C. de K. Tilly. 60,178; renewed Jan. 29, 1927.

Perfumes and toilet water. Myrurgia, S. A. 226,245; Apr. 5; Serial No. 240,565; published Jan. 18, 1927.
Poison, Animal. Stearns' Electric Paste Co. 63,945; renewed July 16, 1927.
Poison, Animal. Stearns' Electric Paste Co. 64,560; renewed Aug. 13, 1927.
Pomade, Hairdressing. J. Sudbeaz. 226,376; Apr. 5; Serial No. 236,148; published Jan. 18, 1927.
Preservatives. I. G. Farbenindustrie Aktiengesellschaft. 226,232; Apr. 5; Serial No. 240,244; published Jan. 18, 1927.
Remedies for burns, Liquid. L. Roncoroni. 63,561; renewed June 25, 1927.
Remedy, Cough. L. R. Baridon. 29,660; renewed Feb. 23, 1927.
Remedy for black tongue. S. A. Crisp Canine Company. 226,394; Apr. 5; Serial No. 240,403; published Jan. 25, 1927.
Remedy for colds, grippe, etc. P. J. Boenning. 226,365; Apr. 5; Serial No. 238,424; published Jan. 25, 1927.
Remedy for corns, calli, and bunions. Corn Fix Co. 226,256; Apr. 5; Serial No. 234,103; published Jan. 25, 1927.
Remedy, Running-fit. S. A. Crisp Canine Co. 226,393; Apr. 5; Serial No. 240,402; published Jan. 25.
Salves. J. P. Kirwan. 226,451; Apr. 5.
Tablets of a chemical composition. American Bottlers of Carbonated Beverages. 226,429; Apr. 5.
Therapeutic composition. Diana Laboratories Inc. 226,454; Apr. 5.
Toilet articles. Les Parfums de Rosine, Inc. 226,222–4; Apr. 5; Serial Nos. 239,989–91; published Jan. 18, 1927.
Toilet articles. Les Parfums de Rosine, Inc. 226,404; Apr. 5; Serial No. 239,985; published Jan. 18, 1927.
Toilet Articles. Les Parfums de Rosine, Inc. 226,405; Apr. 5; Serial No. 239,988; published Jan. 18, 1927.
Toilet articles. Les Parfums de Rosine, Inc. 226,406; Apr. 5; Serial No. 239,986; published Jan. 18, 1927.
Toilet preparations. Marie de France Laboratories Inc. 226,440; Apr. 5.
Toilet water, brilliantine, hair tonic, and after-shaving preparations. J. B. Williams Company. 226,433; Apr. 5.
Toilet waters, perfumes, face powders, etc. C. H. Dent. 226,422; Apr. 5.
Tooth paste and powder. P. Beiersdorf & Co. 61,678; renewed Apr. 2, 1927.
Washing blue. C. H. Fischer & Co. 29,682; renewed Mar. 9, 1927.
Washing blue. Webb Manufacturing Co. 63,763; renewed July 9, 1927.

CLASS 10.

Fertilizers. Molony & Carter Company. 226,321; Apr. 5; Serial No. 238,605; published Jan. 25, 1927.

CLASS 12.

Asphalt-conted composition or paper shingles for roofing, roofing paper. Weaver-Henry Mfg. Co. 226,227; Apr. 5; Serial No. 240,114; published Jan. 18, 1927.
Asphalt-conted composition or paper shingles for roofing, roofing paper. Weaver-Henry Mfg. Co. 226,231; Apr. 5; Serial No. 240,232; published Jan. 18, 1927.
Asphaltic concrete mixture. Wm. P. McDonald Construction Company. 226,331; Apr. 5; Serial No. 239,711; published Jan. 25, 1927.
Brick. E. V. Poston. 226,314; Apr. 5; Serial No. 240,997; published Jan. 25, 1927.
Brick. E. V. Poston. 226,315; Apr. 5; Serial No. 240,999; published Jan. 25, 1927.
Bricks and furnace linings. United States Metals Refining Company. 226,266; Apr. 5; Serial No. 237,206; published Jan. 25, 1927.
Building materials. United States Gypsum Company. 226,264; Apr. 5; Serial No. 233,249; published Jan. 25, 1927.
Cement. Calaveras Cement Company. 226,206; Apr. 5; Serial No. 238,208; published Jan. 11, 1927.
Cement. Calaveras Cement Company. 226,367; Apr. 5; Serial No. 238,207; published Jan. 11, 1927.
Cement, Liquid asbestos roof. L. D. Stern. 226,264; Apr. 5; Serial No. 236,570; published Jan. 25, 1927.
Cement, Portland. Atlas Cement Co. 30,311; renewed June 29, 1927.
Concrete structural elements and members. Pan-Pacific Construction Co. 226,382; Apr. 5; Serial No. 235,493; published Jan. 18, 1927.
Houses, hog houses, and coops, Brooder. T. Godwin. 226,350; Apr. 5; Serial No. 236,927; published Jan. 11, 1927.
Material for treating and coloring cement surfaces by chemical reaction. Master Builders Company. 226,273; Apr. 5; Serial No. 238,446; published Jan. 11, 1927.
Metal structures, Expanded-. General Fireproofing Co. 64,703; renewed Aug. 20, 1927.
Molding. Brasco Manufacturing Company. 226,418; Apr. 5; Serial No. 239,735; published Jan. 18, 1927.
Plaster. J. S. Schirm Commercial Company. 226,255; Apr. 5; Serial No. 233,504; published Jan. 25, 1927.
Plaster, lime, brick, etc. Toledo Plaster & Supply Company. 226,421; Apr. 5; Serial No. 239,834; published Jan. 25, 1927.
Road-making materials. Universal Rubber Paviors (Manchester 1923) Limited. 226,410; Apr. 5; Serial No. 236,580; published Jan. 18, 1927.
Tile. Enfield Pottery & Tile Works, Incorporated. 226,150; Apr. 5; Serial No. 208,748; published Jan. 18, 1927.
Water emulsions of bituminous materials. J. B. W. Gardiner, Incorporated. 226,276; Apr. 5; Serial No. 238,903; published Jan. 11, 1927.
Waterproofing compounds. Seal-A-Void Co. 226,388; Apr. 5; Serial No. 239,773; published Jan. 11, 1927.

CLASS 13.

Metal couplings, pipes, tubes, etc. National Tube Company. 226,265; Apr. 5; Serial No. 236,768; published Jan. 25, 1927.
Metal goods. Pittsburgh Valve, Foundry, and Construction Company. 64,175; renewed July 30, 1927.
Pulleys, Sash. Norris Sash Pulley Co. 30,099; renewed May 25, 1927.
Valves, Fluid-controlling. Cleveland Rock Drill Company. 226,462; Apr. 5.
Valves, Gas-cut-off. J. F. Healy. 226,302; Apr. 5; Serial No. 240,304; published Jan. 25, 1927.
Valves, Gas-cut-off. J. F. Healy. 226,303; Apr. 5; Serial No. 240,305; published Jan. 25, 1927.

CLASS 14.

Alloy of metals used for bearings and other purposes. Manganese Bronze and Brass Co. Limited. 61,736; renewed Apr. 2, 1927.
Alloy steel. Ludlum Steel Company. 226,281; Apr. 5; Serial No. 240,920; published Jan. 11, 1927.
Die-casting metal and die castings. Doehler Die-Casting Co. 226,240; Apr. 5; Serial No. 240,347; published Jan. 11, 1927.
Metal products. George H. Smith Steel Casting Company. 226,208; Apr. 5; Serial No. 238,236; published Jan. 11, 1927.
Steel. Standard Gage Company. 226,210; Apr. 5; Serial No. 238,407; published Jan. 11, 1927.
Steel, Tool. Paragon Steel & Tool Co. Inc. 226,425; Apr. 5.

CLASS 15.

Gasoline. National Refining Company. 63,369; renewed June 18, 1927.
Gasoline, Stove. National Refining Company. 61,055; renewed Mar. 5, 1927.
Oil, Illuminating. National Refining Company. 61,307; renewed Mar. 12, 1927.
Oil, Illuminating. National Refining Company. 63,966; renewed July 16, 1927.
Oil, Lubricating. National Refining Company. 61,080; renewed Mar. 5, 1927.
Oil, Lubricating. Texas Company. 226,252; Apr. 5; Serial No. 240,105; published Jan. 18, 1927.
Oils, Motor fuel. I. G. Farbenindustrie Aktiengesellschaft. 226,260; Apr. 5; Serial No. 236,124; published Jan. 18, 1927.

CLASS 16.

Lacquer, varnish, enamels, and paints. Williams-Hayward Company. 226,274; Apr. 5; Serial No. 238,473; published Jan. 25, 1927.
Paints, enamels, and varnishes. R. H. Oakley. 226,181; Apr. 5; Serial No. 209,863; published Jan. 25, 1927.
Paints, Ready-mixed metal. Sterling Products Company. 226,178; Apr. 5; Serial No. 234,320; published Jan. 18, 1927.
Varnish, Spar. Atlantic Drier & Varnish Company. 226,378; Apr. 5; Serial No. 234,611; published Aug. 17, 1926.

CLASS 17.

Cigars. Cifuentes, Fernandez y Ca. 60,516; renewed Feb. 12, 1927.
Tobacco, Leaf. Consolidated Leaf Tobacco Co. 226,424; Apr. 5.

CLASS 19.

Aeroplanes. Elo Aircraft Corporation. 226,219; Apr. 5; Serial No. 238,957; published Jan. 25, 1927.
Automobile and truck bodies. General Aluminum Products Co. 226,270; Apr. 5; Serial No. 237,600; published Jan. 25, 1927.
Automobile seat covers. O. L. Johnson. 226,168; Apr. 5; Serial No. 231,380; published Sept. 21, 1926.
Automobiles. General Motors Corporation. 226,207; Apr. 5; Serial No. 238,212; published Jan. 25, 1927.
Automobiles and parts thereof, other than rubber tires. H. H. Franklin Mfg. Co. 64,706; renewed Aug. 20, 1927.
Brakes, cycle hubs, etc. New Departure Manufacturing Company. 226,301; Apr. 5; Serial No. 240,274; published Jan. 25, 1927.

CLASS 21.

Battery eliminators. Briggs & Stratton Corporation. 226,247; Apr. 5; Serial No. 240,593; published Jan. 18, 1927.
Battery plates and ignition storage batteries. Arco Battery & Plate Co. 226,279; Apr. 5; Serial No. 240,840; published Jan. 18, 1927.

Condensers, breaker-plate assemblies, rheostats, etc. Connecticut Telephone & Electric Company. 226,225; Apr. 5; Serial No. 240,019; published Jan. 18, 1927.
Electrical shoe-shining machines. Uneeda Shine Corporation. 226,249; Apr. 5; Serial No. 240,631; published Jan. 18, 1927.
Power-current-supply units for radio receiving sets, etc. Greene-Brown Mfg. Co. 226,416; Apr. 5; Serial No. 239,581; published Jan. 18, 1927.
Radio broadcast receiving sets and radio transformers. H. J. Podlesak. 226,412; Apr. 5; Serial No. 239,136; published Jan. 18, 1927.
Radio transmitting devices, telegraph instruments. N. Douglass, jr. 226,407–8; Apr. 5; Serial Nos. 236,201–2; published Jan. 18, 1927.
Spark plugs. Speed Spark Plug Company. 226,242; Apr. 5; Serial No. 240,451; published Jan. 18, 1927.
Vacuum cleaners and parts thereof, Electric. Electric Vacuum Cleaner Company. 226,201; Apr. 5; Serial No. 237,316; published Jan. 18, 1927.
Wire connecters. Weiss & Biheller, Inc. 226,217; Apr. 5; Serial No. 238,931; published Jan. 18, 1927.

CLASS 22.

Cards, Playing. United States Playing Card Co. 62,565; renewed May 14, 1927.
Dolls. H. J. Wolf. 226,228; Apr. 5; Serial No. 240,118; published Jan. 25, 1927.
Dolls and dolls' costumes. Louis Wolf & Co. 29,931; renewed May 4, 1927.
Fishing bait, Spoon. W. T. J. Lowe. 64,896; renewed Aug. 27, 1927.
Golf bags. Allied Golf Company. 226,202; Apr. 5; Serial No. 237,584; published Jan. 25, 1927.
Rattles, toy pin wheels, dolls, etc. Irwin & Company. 226,280; Apr. 5; Serial No. 240,913; published Jan. 25, 1927.
Toy target gun. Bamforth & Groot. 226,229; Apr. 5; Serial No. 240,125; published Jan. 25, 1927.
Toys. R. B. Fageol. 226,212; Apr. 5; Serial No. 238,645; published Jan. 25, 1927.

CLASS 23.

Cutlery and edge tools. Dunham, Carrigan & Hayden Co. 61,440–1; renewed Mar. 19, 1927.
Cutlery in general, and other hand tools having a cutting edge. Marsh Brothers Co. 63,610; renewed July 2, 1927.
Files, knives, etc. Thos. Firth & Sons, Limited. 226,172; Apr. 5; Serial No. 233,366; published Jan. 25, 1927.
Grease cups. Grease-Om-Eter Corporation. 226,169; Apr. 5; Serial No. 232,921; published July 27, 1926.
Levels, Spirit. Mayes Brothers Tool Manufacturing Company. 226,175; Apr. 5; Serial No. 234,045; published Jan. 11, 1927.
Printing presses. R. Hoe & Co. 226,164; Apr. 5; Serial No. 222,121; published Jan. 25, 1927.
Screw drivers. Haines Manufacturing Corporation. 226,431; Apr. 5.
Sharpeners, Mechanical knife. Phillips-Lafitte Company. 226,159; Apr. 5; Serial No. 205,489; published Jan. 25, 1927.
Shearing or clipping machines, Animal. Chicago Flexible Shaft Company. 64,351; renewed Aug. 6, 1927.
Tools, Edge. Dunham, Carrigan & Hayden Co. 60,972; renewed Feb. 26, 1927.
Vending machines. A. B. T. Mfg. Co. 226,236; Apr. 5; Serial No. 240,284; published Jan. 25, 1927.

CLASS 24.

Washing machines. Meadows Manufacturing Co. 226,309; Apr. 5; Serial No. 240,614; published Jan. 25, 1927.

CLASS 26.

Cameras, film packs, etc., Photographic. Naamloose Vennootschap tot Exploitatie van Van den Boogardt's Octrooi. 226,409; Apr. 5; Serial No. 236,432; published Jan. 25, 1927.
Lenses, Eyeglass and spectacle. A. Martin Inc. 60,968; renewed Feb. 26, 1927.
Registers, Cash, credit, and autographic. National Cash Register Company. 64,900; renewed Aug. 27, 1927.
Thermometers, barometers, mercury gauges, etc. Hohmann & Maurer Mfg. Co. 61,159; renewed Mar. 5, 1927.

CLASS 27.

Watches and parts of watches. Léonidas Watch Factory vve. Constant Jeanneret-Droz. 226,196; Apr. 5; Serial No. 232,086; published Jan. 18, 1927.
Watches, watch movements, and parts thereof. J. Gottlieb. 226,161; Apr. 5; Serial No. 211,679; published Jan. 18, 1927.

CLASS 28.

Jewelry, Fancy. Franklin Simon & Co. Inc. 226,233; Apr. 5; Serial No. 240,246; published Jan. 18, 1927.
Jewelry, Fancy. Franklin Simon & Co. Inc. 226,298; Apr. 5; Serial No. 240,247; published Jan. 18, 1927.
Knives, forks, spoons, etc., Table and other household. Gladwin Ltd. 226,262; Apr. 5; Serial No. 236,480; published Jan. 18, 1927.
Support for garment shoulder straps. Pyramid Button Co. 226,317; Apr. 5; Serial No. 238,024; published Jan. 18, 1927.

CLASS 29.

Brushes, Toilet. Alfred H. Smith Co. 63,512; renewed June 25, 1927.
Windshield wipers of the squeegee types. American Bosch Magneto Corporation. 226,400; Apr. 5; Serial No. 239,911; published Jan. 25, 1927.

CLASS 30.

China, stoneware, earthenware, procelain, and terra cotta wares. Villeroy & Boch. 63,425; renewed June 18, 1927.

CLASS 31.

Refrigerators and refrigerator parts. Leonard Refrigerator Company. 226,460; Apr. 5.

CLASS 32.

Sink cabinets. H. V. Cowan. 226,443; Apr. 5.
Tables, Kitchen, hotel, breakfast, etc. Marshall C. Wood Manufacturing Company. 226,423; Apr. 5.

CLASS 34.

Ranges and stoves. Wrought Iron Range Company. 61,357; renewed Mar. 19, 1927.
Stoves. Charter Oak Stove & Range Company. 226,330; Apr. 5; Serial No. 239,699; published Jan. 25, 1927.
Stoves and ranges, Heating and cooking. Blakesley-Tuttle Stove Co. 58,213; renewed Dec. 11, 1926.
Stoves, ranges, furnaces, and heaters. Co-Operative Foundry Co. 62,721; renewed May 21, 1927.

CLASS 35.

Inner tubes of rubber. India Tire and Rubber Company. 226,430; Apr. 5.
Tires, Rubber. Goodyear Tire & Rubber Company. 62,266; renewed Apr. 30, 1927.
Transmission lining. L. H. Gilmer Co. 226,253; Apr. 5; Serial No. 233,067; published Jan. 18, 1927.
Transmission lining. Southern Weaving Company. 226,434; Apr. 5.
Vehicle tires and rubber inner tubes. Fisk Rubber Co. 226,287; Apr. 5; Serial No. 241,405; published Jan. 25, 1927.

CLASS 36.

Musical instruments. R. A. Childs. 61,401; renewed Mar. 19, 1927.
Musical instruments, Reed, string, and brass. C. Meisel. 63,711; renewed July 2, 1927.
Pianos. Cable-Nelson Piano Company. 226,244; Apr. 5; Serial No. 240,530; published Jan. 18, 1927.
Pianos and piano players, Self-playing. Autopiano Company. 226,211; Apr. 5; Serial No. 238,479; published Jan. 18, 1927.
Talking machines and separate parts of such machines. Vadasz and Vadasz. 226,198; Apr. 5; Serial No. 232,962; published Jan. 18, 1927.
Violins, violas, violoncellos, etc. C. Meisel, Inc. 226,248; Apr. 5; Serial No. 240,615; published Jan. 18, 1927.

CLASS 37.

Cover stock. M. Milton. 226,283; Apr. 5; Serial No. 241,290; published Jan. 25, 1927.
Crayons. American Crayon Company. 226,290; Apr. 5; Serial No. 241,511; published Jan. 25, 1927.
Envelopes. E. C. Palmer & Co. 226,432; Apr. 5.
Envelopes and folders, Filing. C. H. McGill. 226,187; Apr. 5; Serial No. 223,731; published Jan. 25, 1927.
Paper, Drawing. Keuffel & Esser Co. 226,284; Apr. 5; Serial No. 241,340; published Jan. 25, 1927.
Paper, pads, and tablets, Writing. American News Company. 226,190; Apr. 5; Serial No. 226,460; published Jan. 25, 1927.
Paper, Printing. S. D. Warren Company. 226,322; Apr. 5; Serial No. 238,820; published Jan. 25, 1927.
Paper, Tissue. John Hoberg Co. 62,749; renewed May 21, 1927.
Paper, Tracing. Keuffel & Esser Co. 226,285; Apr. 5; Serial No. 241,341; published Jan. 25, 1927.
Paper, Writing and printing. George La Monte & Son. 58,674–5; renewed Dec. 25, 1926.
Pencils. Joseph Dixon Crucible Company. 226-182; Apr. 5; Serial No. 215,556; published Jan. 25, 1927.
Pens. Spencerian Pen Company. 226,282; Apr. 5; Serial No. 241,246; published Jan. 25, 1927.
Pens, pencils, and desk stands. W. A. Sheaffer Pen Company. 226,426; Apr. 5.
Stationery. Ketterlinus Lithographic Manufacturing Co. 226,419; Apr. 5; Serial No. 239,756; published Jan. 25, 1927.

CLASS 38.

Cards, Greeting. E. D. Poole & Company. 226,395; Apr. 5; Serial No. 240,504; published Jan. 25, 1927.
Coupons. Save-It System, Inc. 226,189; Apr. 5; Serial No. 225,141; published Jan. 25, 1927.
Nom de plume for newspaper articles. J. H. Walsh. 226,427; Apr. 5.
Publication in bulletin form, Periodical. Dorrance, Sullivan & Company. 226,195; Apr. 5; Serial No. 230,386; published Nov. 23, 1926.

Publications, Periodical. J. A. McGuire. 64,366; renewed Aug. 6, 1927.
Title of a house organ published monthly. Illinois Glass Company. 226,234; Apr. 5; Serial No. 240,259; published Jan. 25, 1927.

CLASS 39.

Bloomers, bath robes, etc., Women's, misses', and children's. N. Fluegelman. 226,324; Apr. 5; Serial No. 238,959; published Jan. 4, 1927.
Boots and lumberman's socks, Wool. Mishawaka Woolen Manfg. Co. 29,476; renewed Jan. 19, 1927.
Boots and shoes. Heywood Boot & Shoe Co. 226,363–4; Apr. 5; Serial Nos 240,604–5 published Jan. 25, 1927.
Boots and shoes, Rubber. Boston Rubber Shoe Co. 29,908; renewed Apr. 27, 1927.
Boots and shoes, Rubber. Boston Rubber Shoe Co. 30,031; renewed May 18, 1927.
Boots, Wool. Mishawaka Woolen Manufacturing Company. 29,878; renewed Apr. 20, 1927.
Bust confiner. Chas. R. Debevoise Co. 226,358; Apr. 5; Serial No. 240,808; published Jan. 25, 1927.
Caps. S. H. Berman. 226,329; Apr. 5; Serial No. 239,636; published Jan. 25, 1927.
Caps, Bathing. Seamless Rubber Company. 226,307; Apr. 5; Serial No. 240,507; published Jan. 25, 1927.
Cloaks, overcoats, sweaters, bath robes, bathing suits, underwear, etc. Chain Shirt Shops Inc. 226,165; Apr. 5; Serial No. 227,775; published Jan. 18, 1927.
Clothing. Wright & Ditson. 62,738; renewed May 21, 1927.
Coats, dresses, suits, hosiery, etc. Oppenheim, Collins & Co. Inc. 226,445; Apr. 5.
Coats, waistcoats, trousers, etc., Men's and boys'. Kaufmann Department Stores, Inc. 226,348; Apr. 5; Serial No. 238,180; published Jan. 11, 1927.
Coats, Women's and misses'. Freed Bros. 226,455; Apr. 5.
Corsets, corsetlets, girdles, etc. Standard Corset Company. 226,337; Apr. 5; Serial No. 223,144; published Jan. 25, 1927.
Dresses, Women's and misses'. Rosenblatt & Hollub, Inc. 226,439; Apr. 5.
Footwear. Dolgeville Felt Shoe Company. 63,044; renewed June 4, 1927.
Garters, ladies' hats, neckties, sweaters, etc. Korn Bros. 226,184; Apr. 5; Serial No. 221,016; published Jan. 25, 1927.
Gloves. L. F. Guignie. 226,336; Apr. 5; Serial No. 226,139; published Jan. 25, 1927.
Gloves. King Glove Company. 226,269; Apr. 5; Serial No. 237,554; published Jan. 25, 1927.
Gloves. W. S. Lahey. 226,355; Apr. 5; Serial No. 240,984; published Jan. 25, 1927.
Gloves. W. S. Lahey. 226,356; Apr. 5; Serial No. 240,918; published Jan. 25, 1927.
Gowns, frocks, and dresses. Half Size Dress Co. 226,220–1; Apr. 5; Serial Nos. 238,969–70; published Jan. 18, 1927.
Hats, Ladies'. Goldman-O'Brien-Nassauer Mfg. Co. 226,334; Apr. 5; Serial No. 240,075; published Jan. 25, 1927.
Hats, Ladies'. Hatty's Hat Company. 226,272; Apr. 5; Serial No. 237,806; published Jan. 25, 1927.
Hats, Ladies'. Rosenthal-Sloan Millinery Company. 226,335; Apr. 5; Serial No. 240,098; published Jan. 25, 1927.
Hats, Ladies'. Weyman Brothers. 226,396; Apr. 5; Serial No. 240,515; published Jan. 25, 1927.
Hats, Ladies' and children's. Vall Hat Co. Inc. 226,354; Apr. 5; Serial No. 241,011; published Jan. 25, 1927.
Hosiery. Baker-Moise Company. 226,209; Apr. 5; Serial No. 238,300; published Jan. 18, 1927.
Hosiery. Burson Knitting Company. 226,438; Apr. 5.
Hosiery. Gold Hosiery Company. 226,179; Apr. 5; Serial No. 207,459; published Jan. 25, 1927.
Hosiery. Marathon Shoe Co. 226,216; Apr. 5; Serial No. 238,728; published Jan. 18, 1927.
Hosiery. H. Marks. 226,167; Apr. 5; Serial No. 231,269; published Jan. 18, 1927.
Hosiery. J. B. Orkin Corporation. 226,359; Apr. 5; Serial No. 240,678; published Jan. 25, 1927.
Hosiery. Roths Hosiery Shop. 226,250; Apr. 5; Serial No. 240,736; published Jan. 18, 1927.
Hosiery, Children's. G. P. Victorson. 226,327; Apr. 5; Serial No. 239,552; published Jan. 25, 1927.
Jackets. B. Kall. 226,300; Apr. 5; Serial No. 240,262; published Jan. 25, 1927.
Overalls. Colorado Overall Manufacturing Company. 226,267; Apr. 5; Serial No. 237,358; published Jan. 25, 1927.
Overcoats and raincoats, Men's and boys'. Shedrain Coat Co. Inc. 226,437; Apr. 5.
Overcoats and sack coats, Men's. Stein-Bloch Co. 226,435–6; Apr. 5.
Overcoats, raincoats, vests, etc. Henry Sonneborn Company. 226,401; Apr. 5; Serial No. 239,932; published Jan. 18, 1927.
Overcoats, suits, and topcoats, Men's, boys', and children's. W. Blumenthal. 226,243; Apr. 5; Serial No. 240,481; published Jan. 18, 1927.
Pyjamas, negligee shirts, collars, scarfs, etc. American-Cellulose & Chemical Manufacturing Company, 226,304; Apr. 5; Serial No. 240,382; published Jan. 18, 1927.
Shirts, Work. Reed Brothers, Inc. 226,191; Apr. 5; Serial No. 227,473; published May 18, 1926.
Shoes. Barker Shoe Company. 226,328; Apr. 5; Serial No. 239,609; published Jan. 25, 1927.
Shoes. Bates-Dow Company. 226,326; Apr. 5; Serial No. 239,458; published Jan. 25, 1927.
Shoes, Children's. Hale Bros., Inc. 226,299; Apr. 5; Serial No. 240,257; published Jan. 25, 1927.
Suits and overcoats. Wm. Burger & Son, Inc. 226,162; Apr. 5; Serial No. 219,375; published Jan. 18, 1927.
Suits and overcoats. Selber Bros., Inc. 226,261; Apr. 5; Serial No. 236,181; published Jan. 25, 1927.
Suits and overcoats. Henry Sonneborn Company. 266,200; Apr. 5; Serial No. 237,047; published Jan. 18, 1927.
Suits and overcoats, Men's. Joseph Knopf & Sons Inc 226,453; Apr. 5.
Suits, coats, pants, vests, overcoats, etc. M. Solkoff & Co. 226,444; Apr. 5.
Suits, dresses, coats, hats, etc., for women and children. Katinka, Inc. 226,199; Apr. 5; Serial No. 238,980; published Jan. 18, 1927.
Suits, Play. S. A. Cory. 226,397; Apr. 5; Serial No. 240,537; published Jan. 25, 1927.
Suits, trousers, coats, and vests. H. Shakin. 226,246; Apr. 5; Serial No. 240,571; published Jan. 18, 1927.
Sweaters. Lampl Knitwear Co. 226,447; Apr. 5.
Topcoats, raincoats, sport coats, sweaters, knickers, etc. M. Greentree. 226,345; Apr. 5; Serial No. 232,079; published Jan. 18, 1927.
Underwear. A. J. Armstrong Co. Inc. 226,271; Apr. 5; Serial No. 237,717; published Jan. 25, 1927.
Underwear. J. G. Scherf Manufacturing Co. 226,318; Apr. 5; Serial No. 238,393; published Jan. 11, 1927.
Underwear, undershirts, union suits, etc., Athletic. Burnham-Munger-Root Dry Goods Company. 226,183; Apr. 5; Serial No. 216,319; published Jan. 26, 1926.
Wearing apparel for women and misses. Stix, Baer and Fuller Company. 226,306; Apr. 5; Serial No. 240,452; published Jan. 25, 1927.

CLASS 40.

Pins, Brass nickel-plated. D. Scanlon. 226,325; Apr. 5; Serial No. 230,145; published Jan. 25, 1927.

CLASS 42.

Cotton bed sheets, napkins, cotton bedspreads, etc. N. S. Slowey. 226,442; Apr. 5.
Cotton, wool, silk, rayon piece goods, or combinations thereof, motor robes, etc. Boott Mills. 226,446; Apr. 5.
Woolen and worsted goods and combinations thereof in the piece. Allen R. Mitchell & Son. 226,440; Apr. 5.
Worsted and woolen dress goods. F. A. Bockmann & Co. 226,384–6; Apr. 5; Serial Nos. 239,225–7; published Jan. 25, 1927.

CLASS 44.

Bandaging material. Vereinigte Gummiwarren-Fabriken Harburg-Wien, vormals Menier-J. N. Reithoffer; 30,344; renewed July 6, 1927.
Eyecup. Canton Glass Company. 226,174; Apr. 5; Serial No. 233,601; published Jan. 18, 1927.
Surgical knives and parts thereof. Gillette Safety Razor Company. 226,344; Apr. 5; Serial No. 227,010; published Jan. 25, 1927.
Thermometer cases. Superior Hard Rubber Company. 226,346; Apr. 5; Serial No. 235,533; published Jan. 25, 1927.

CLASS 45.

Sarsaparilla. Schoneberger & Noble. 63,371; renewed June 18, 1927.

CLASS 46.

Apple-cidar vinegar, spices, butter, etc. Kroger Grocery & Baking Co. 226,258; Apr. 5; Serial No. 234,583; published Jan. 25, 1927.
Asparagus, Fresh. J. E. Crew. 226,353; Apr. 5; Serial No. 241,397; published Jan. 25, 1927.
Bacon. F. A. Ferris & Co. 226,316; Apr. 5; Serial No. 241,095; published Jan. 25, 1927.
Biscuits and crackers. H. W. Clark Biscuit Co. 226,375; Apr. 5; Serial No. 236,860; published Jan. 25, 1927.
Blueberries, Fresh. Ringling & White, Inc. 226,188; Apr. 5; Serial No. 224,295; published Jan. 25, 1927.
Bread. Piee-Zing Corporation. 226,235; Apr. 5; Serial No. 240,276; published Jan. 18, 1927.
Butter. Blue Valley Creamery Company. 64,720–1; renewed Aug 20, 1927.
Cakes. S. Gumpert Co. 226,218; Apr. 5; Serial No. 238,965; published Jan. 25, 1927.
Candies. Mason, Au & Magenheimer Confectionery Manufacturing Company. 226,371; Apr. 5; Serial No. 241,486; published Jan. 25, 1927.
Candies and confections. Honolulu Dairymen's Association Ltd. 226,352; Apr. 5; Serial No. 236,419; published Jan. 25, 1927.
Candy. E. Sheets. 63,564–6; renewed June 25, 1927.
Candy and candy bars. Curtiss Candy Company. 226,205; Apr. 5; Serial No. 238,051; published Jan. 18, 1927.
Candy, Chocolate. Bishop & Company. 226,166; Apr. 5; Serial No. 230,713; published July 13, 1926.

Canned fish cakes. S. Hata Shoten, Limited. 226,312; Apr. 5; Serial No. 240,910; published Jan. 25, 1927.
Canned fruits and vegetables. North State Canning Company Inc. 226,383; Apr. 5; Serial No. 235,166; published Jan. 25, 1927.
Canned salmon. G. Strand. 226,342; Apr. 5; Serial No. 231,824; published Jan. 18, 1927.
Canned vegetables. J. F. O'Keefe. 226,362; Apr. 5; Serial No. 240,621; published Jan. 25, 1927.
Canned vegetables. Sac City Canning Company. 226,340; Apr. 5; Serial No. 234,989; published Jan. 25, 1927.
Canned vegetables. Sac City Canning Company. 226,341; Apr. 5; Serial No. 234,987; published Jan. 25, 1927.
Cereal breakfast food. Kellogg Company. 226,457; Apr. 5.
Cereal foods. American Cereal Company. 64,270; renewed July 30, 1927.
Cheese. Chateau Cheese Company Limited. 226,374; Apr. 5; Serial No. 236,868; published Jan. 11, 1927.
Chocolate coating for ice cream. O. Jimmy Ice Cream Chocolate Dip Company. 226,197; Apr. 5; Serial No. 232,400; published Jan. 25, 1927.
Cocoa, Powdered. S. L. Bartlett. 29,740; renewed Mar. 23, 1927.
Coffee. American Coffee Corporation. 226,391; Apr. 5; Serial No. 240,122; published Jan. 25, 1927.
Coffee. H. M. B. Mack. 226,163; Apr. 5; Serial No. 221,181; published Aug. 3, 1926.
Coffee and tea. Oliver-Finnie Co. 64,747–8; renewed Aug. 20, 1927.
Coffee, Roasted. Gordon Coffee & Spice Company. 60,654; renewed Feb. 19, 1927.
Desserts, puddings, etc., Powder for making. My Own Food Co. Inc. 226,313; Apr. 5; Serial No. 240,921; published Jan. 25, 1927.
Doughnuts and doughnut mixture. Dawn Donut Company of Jackson. 226,173; Apr. 5; Serial No. 233,461; published Jan. 25, 1927.
Extract powder for use in making of ice cream, candy, etc., Malt-. Jersey Products Co. 226,291; Apr. 5; Serial No. 241,163; published Jan. 25, 1927.
Extracts and sirups, Malt. Oh-Boy Product Co. 226,298; Apr. 5; Serial No. 241,294; published Jan. 25, 1927.
Extracts, Flavoring. C. S. Morey Mercantile Company. 64,380; renewed Aug. 6, 1927.
Feed and feedstuffs. Ferncliff Feed & Grain Co. 226,377; Apr. 5; Serial No. 234,888; published Jan. 25, 1927.
Fish, oysters, crabs, etc. General Seafoods Corporation. 226,413; Apr. 5; Serial No. 239,299; published Jan. 25, 1927.
Flour. Jameson-Hevener Company. 226,241; Apr. 5; Serial No. 240,417; published Jan. 25, 1927.
Flour and corn meal, Wheat and buckwheat. Topeka Milling Company. 63,972; renewed July 16, 1927.
Flour and meal. Quaker Mill Company. 64,151; renewed July 23, 1927.
Flour, and other cereal food products, Wheat, rye, and buckwheat. Everett, Aughenbaugh & Co. 29,950–1; renewed May 4, 1927.
Flour, Plain and self-rising. W. M. Cosby Flour & Grain Co. 226,379; Apr. 5; Serial No. 234,662; published Jan. 25, 1927.
Flour, Wheat. Cannon Valley Milling Company. 226,230; Apr. 5; Serial No. 240,128; published Jan. 25, 1927.
Flour, Wheat. Cherokee Mill & Elevator Company. 58,552; renewed Dec. 18, 1926.
Flour, Wheat. Concordia Milling Company. 62,937; renewed May 28, 1927.
Flour, Wheat. Eagle Roller Mill Company. 62,648–50; renewed May 21, 1927.
Flour, Wheat. Gallatin Valley Milling Company. 226,417; Apr. 5; Serial No. 239,706; published Jan. 25, 1927.
Flour, Wheat. Hylton Flour Mills, Inc. 226,204; Apr. 5; Serial No. 237,812; published Jan. 25, 1927.
Flour, Wheat. Ismert-Hincke Milling Company. 60,681–2; renewed Feb. 19, 1927.
Flour, Wheat. Larabee Flour Mills Company. 226,226; Apr. 5; Serial No. 240,030; published Jan. 25, 1927.
Flours and meals. American Cereal Company. 64,123; renewed July 23, 1927.
Food beverage. B. C. Burger. 226,308; Apr. 5; Serial No. 240,526; published Jan. 25, 1927.
Fruits and fruit juices, Preserved. L. J. Jones. 226,420; Apr. 5; Serial No. 239,809; published Jan. 25, 1927.
Fruits, Fresh citrous, Lindsay District Orange Company. 226,347; Apr. 5; Serial No. 235,156; published Jan. 25, 1927.
Fruits, Fresh citrous. Mid-California Citrus Association. 226,459; Apr. 5.
Fruits, Fresh citrous. Sweetwater Fruit Company. 226,351; Apr. 5; Serial No. 236,452; published Jan. 25, 1927.
Fruits, Fresh deciduous. L. Giorgetti & Co. 226,294; Apr. 5; Serial No. 241,410; published Jan. 25, 1927.
Fruits, Fresh, etc. A. Ghianda. 226,368; Apr. 5; Serial No. 241,409; published Jan. 25, 1927.
Ice cream. W. J. Hunt. 226,259; Apr. 5; Serial No. 235,048; published Jan. 25, 1927.
Malt extract in sirup form. R. Warren. 226,415; Apr. 5; Serial No. 239,497; published Dec. 21, 1926.
Mustard, Prepared. Mustamor Company. 226,292; Apr. 5; Serial No. 241,174; published Jan. 25, 1927.
Mustard, vinegar, etc. Plochman & Harrison. 226,268; Apr. 5; Serial No. 237,473; published Jan. 25, 1927.
Oats, Rolled. Purity Oats Company. 226,239; Apr. 5; Serial No. 240,319; published Jan. 25, 1927.
Oil, Olive. Ferrero Bros. 226,257; Apr. 5; Serial No. 234,264; published Jan. 25, 1927.
Oil, Olive. Schenectady Importing Company. 226,333; Apr. 5; Serial No. 240,040; published Jan. 25, 1927.
Onions in their natural state. Chiron Bros. 226,361; Apr. 5; Serial No. 240,641; published Jan. 25, 1927.
Oranges, lemons, and grapefruit. Chula Vista Citrus Association. 226,380; Apr. 5; Serial No. 235,118; published Jan. 18, 1927.
Oranges, lemons, and grapefruit. T. Gore. 226,177; Apr. 5; Serial No. 234,118; published Jan. 18, 1927.
Oranges, lemons, and grapefruit. Lemon Grove Fruit Growers Association. 226,381; Apr. 5; Serial No. 235,150; published Jan. 18, 1927.
Oranges, lemons, and grapefruit. Tulare County Lemon & Grapefruit Association. 226,214–15; Apr. 5; Serial Nos. 238,681–2; published Jan. 18, 1927.
Pie dough. Mrs. E. T. Colburn. 226,176; Apr. 5; Serial No. 234,095; published Jan. 25, 1927.
Raisins. Griffin & Skelley Co. 61,845; renewed Apr. 9, 1927.
Raisins. Griffin & Skelley Co. 61,857; renewed Apr. 9, 1927.
Sandwich. M. L. Graham. 226,343; Apr. 5; Serial No. 232,827; published Jan. 25, 1927.
Sandwiches. F. L. Angell. 226,237; Apr. 5; Serial No. 240,287; published Jan. 18, 1927.
Sirup, Malt. Minneapolis Brewing Company. 226,295–7; Apr. 5; Serial Nos. 240,208–5; published Jan. 25, 1927.
Sirup, Maple and table. Oliver-Finnie Co. 64,794; renewed Aug. 20, 1927.
Spices and flavoring extracts. Hills Bros. 62,884; renewed May 28, 1927.
Spices, mustard, and flavoring extracts. John Bird Company. 64,524; renewed Aug. 13, 1927.
Sugar. Utah-Idaho Sugar Company. 226,319; Apr. 5; Serial No. 238,411; published Jan. 25, 1927.
Tea. Chase & Sanborn. 61,050; renewed Mar. 5, 1927.
Tea. Hills Bros. 62,885; renewed May 28, 1927.
Vinegar. Price & Lucas Cider and Vinegar Company. 63,288; renewed June 11, 1927.
Vegetables, Fresh. Southern Sweet Potato Exchange Incorporated. 226,392; Apr. 5; Serial No. 240,222; published Jan. 25, 1927.
Wheat breakfast food. Cream of Wheat Company. 63,805–7; renewed July 9, 1927.
Yeast. Aktienbrauerei zum Löwenbräu in München. 59,913; renewed Jan. 22, 1927.

CLASS 48.

Lager beer. Fortune Bros. Brew Co. 60,377; renewed Feb. 5, 1927.
Malt extract used for making bread, Concentrated. Erste Wiener Export Malzfabrik Hauser Sobotka. 64,590; renewed Aug. 13, 1927.
Malt sirup. F. H. Caldwell. 226,320; Apr. 5; Serial No. 238,429; published Jan. 25, 1927.

CLASS 49.

Kümmel or cordial. J. A. Glika. 60,231; renewed Jan. 29, 1927.

CLASS 50.

Crown caps for bottles Consolidated Cork Corporation. 226,357; Apr. 5; Serial No. 240,848; published Jan. 25, 1927.
Films of viscose cellulose sheets. Wolff & Co. 226,160; Apr. 5; Serial No. 210,335; published Jan. 18, 1927.
Garment hangers. F. Large. 226,452; Apr. 5.
Rubber fabric in the piece. Archer Rubber Company. 226,275; Apr. 5; Serial No. 238,889; published Jan. 11, 1927.
Shoe trees and fillers. Cordo-Hyde Company. 226,360; Apr. 5; Serial No. 240,643; published Jan. 25, 1927.

ALPHABETICAL LIST OF LABELS.

A Grip on Prosperity. For Coin Savers of Grip-Like Form. F. J. Bloy. 31,862; Apr. 5.
All-Oop! For Candy. Bonita Co. 31,863; Apr. 5.
Anheuser-Busch Yeast. For Yeast. Menasha Printing and Carton Company. 31,886; Apr. 5.
Beehive Bread. For Bread. J. B. Blood Co. 31,861; Apr. 5.
Brazos River Crooks. For Cigars. A. J. Golden. 31,875; Apr. 5.
Burkhart's System Builder. For Medicated Tablets. W. S. Burkhart, jr. 31,864; Apr. 5.
Cheropin. For Medicinal Preparation for Relieving Coughs in Infants and Small Children. Physicians & Hospitals Supply Co. 31,893; Apr. 5.
Citrola. For Piano Polish. Dajan Chemical Company. 31,866; Apr. 5.
Cuba Maid. For Butter. Menasha Printing and Carton Company. 31,885; Apr. 5.
De Luxe. For Malt Syrup. H. Hirsh. 31,877; Apr. 5.
Dermatone Head Rub. For Preparation for the Hair and Scalp. A. J. Krank Mfg. Co. 31,884; Apr. 5.
Dr. Whites Genuine Aspirin Tablets. For Medicine for the Relief of Colds, Headache, and Grippe. First National Laboratories, Inc. 31,871; Apr. 5.
Dr. Whites Headache Tablets. For Medicine for the Relief of Headache and Neuralgia. First National Laboratories, Inc. 31,872; Apr. 5.
Dr. Whites Salve. For Medicine for the Relief of Congestion, Sprains, and Inflammation. First National Laboratories, Inc. 31,868; Apr. 5.
Dr. Whites Salve. For Medicine for the Treatment of Coughs and Colds. First National Laboratories, Inc. 31,870; Apr. 5.
Dr. Whites Tasteless Epsom Salts Tablets. For Medicine for the Relief of Constipation, Headache, and Dizziness. First National Laboratories, Inc. 31,869; Apr. 5.
Fernet-Branca. For a Medicinal Preparation—Namely, an Anticholera and Tonic Remedy. L. Gaudolfi & Co. Inc. 31,873; Apr. 5.
Fleur De Mal. For Toilet Water. Miss E. M. Kennedy. 31,881; Apr. 5.
Grand Prize Piquant French Dressing. For French Dressing. S. Gelfand. 31,874; Apr. 5.
Jersey Brook. For Butter. Jersey Farm Products Company. 31,879; Apr. 5.
Jolly Time Hulless Pop Corn. For Pop Corn Packed in Buckets. American Pop Corn Company. 31,859; Apr. 5.
Kan-Ful. For Canned Apricots. Kings County Packing Company. 31,882; Apr. 5.
Little Swede Shiner. For Polish for Any Surface Requiring a Perfect Finish. Swedish Products Company. 31,909; Apr. 5.
Makes Leather Last Longer. For Shoe Oil. Theo. Bergmann Shoe Manufacturing Co. 31,860; Apr. 5.
Moana. For Guava Jam. Hawaiian Packing Co. 31,876; Apr. 5.
Modern Library 3. For Books, Being Placed Around the Books as a Jacket. Modern Library, Inc. 31,891; Apr. 5.
Modern Library 24. For Books, Being Placed Around the Books as a Jacket. Modern Library, Inc. 31,888; Apr. 5.
Modern Library 68. For Books, Being Placed Around the Books as a Jacket. Modern Library, Inc. 31,889; Apr. 5.
Modern Library 93. For Books, Being Placed Around the Books as a Jacket. Modern Library, Inc. 31,890; Apr. 5.
Pine Hair-Root Oil. For Preparation for the Hair and Scalp. A. J. Krank Mfg. Co. 31,883; Apr. 5.
Playtime Embroidery Box. For Lunch Cloths and Napkins and on Embroidery Floss and Embroidery Hoops. V. Snow. 31,896; Apr. 5.
Playtime Embroidery Box. For Quilt Blocks and on Embroidery Floss and Embroidery Hoops. V. Snow. 31,897; Apr. 5.
Press Club Coffee. For Coffee. M. E. Swing Co. 31,910; Apr. 5.
Prints's Butter-Krust Bread. For Bread. Menasha Printing and Carton Company. 31,887; Apr. 5.
R-A-P-A-D a Liquid Padding Cement. For Liquid Padding Cement. John Farnsworth Associated, Inc. 31,867; Apr. 5.
Raphael's Vita Luxuriant. For Hair Reviver. A. J. Dagostino. 31,865; Apr. 5.
Rapid Washing Water. For Chemical Compound for Clothes and Other Washing. B. Sack. 31,895; Apr. 5.
Saint George. For Malt Extract. Pan-Como Company. 31,892; Apr. 2.
Sterling. For Macaroni. Joliet Macaroni Company. 31,880; Apr. 5.
Stony Brook. For Butter. C. R. & W. J. Sutherland. 31,908; Apr. 5.
Super Service. For Nickel Polish. Super Service Corporation. 31,898; Apr. 5.
Super Service. For Penetrating Oil. Super Service Corporation. 31,899; Apr. 5.
Super Service. For Liquid Radiator Cement. Super Service Corporation. 31,900; Apr. 5.
Super Service. For Metal Polish. Super Service Corporation. 31,901; Apr. 5.
Super Service. For Closed Car-Top Dressing. Super Service Corporation. 31,902; Apr. 5.
Super Service. For Gasket Cement. Super Service Corporation. 31,903; Apr. 5.
Super Service. For Auto Polish. Super Service Corporation. 31,904; Apr. 5.
Super Service. For Engine Enamel. Super Service Corporation. 31,905; Apr. 5.
Super Service. For Shellac Compound for Gaskets and Rims. Super Service Corporation. 31,906; Apr. 5.
Super Service. For Enamel. Super Service Corporation. 31,907; Apr. 5.
Tom's Toasted Peanuts. For Toasted Peanuts. T. Huston. 31,878; Apr. 5.
White Orchid. For Cigars. P. E. Reichard. 31,894; Apr. 5.

ALPHABETICAL LIST OF PRINTS.

Aristocrat of Tiredom. For Tires. Vogue Rubber Company. 9,711; Apr. 5.
Black, Starr & Frost Have, Of Course. For Jewelry. Black, Starr & Frost. 9,696; Apr. 5.
Charles Eneu Johnson & Co. For Inks. Charles Eneu Johnson and Company. 9,706; Apr. 5.
Charles Eneu Johnson & Co. Inks. For Inks. Charles Eneu Johnson and Company. 9,703; Apr. 5.
For Dessert My-T-Fine. For Dessert Preparations. D & C Co. Inc. 9,699; Apr. 5.
H. J. Soulen. For Inks. Charles Eneu Johnson and Company. 9,704; Apr. 5.
Inks. For Inks. Charles Eneu Johnson and Company. 9,702; Apr. 5.
Johnson. For Inks. Charles Eneu Johnson and Company. 9,707; Apr. 5.
Johnson's Inks. For Inks. Charles Eneu Johnson and Company. 9,701; Apr. 5.
Lynn Bogue Hunt. For Inks. Charles Eneu Johnson and Company. 9,705; Apr. 5.
Milk And Cereal Mixture In The Infant's Diet. For Wheat Breakfast Food. Cream of Wheat Co. 9,698; Apr. 5.
New Venus Pencil C 65. For Pencils. American Lead Pencil Company. 9,695; Apr. 5.
New Venus Pencil No. 138. For Pencils. American Lead Pencil Company. 9,694; Apr. 5.
Parodant. For a Crystallized Deodorant. G. H. Garnet. 9,700; Apr. 5.
Santro Baby Teething Rings. For Teething Rings. J. Schmid, Inc. 9,709; Apr. 5.
The New Complete Cadet Van Dyke Foot. For Hosiery. Cadet Knitting Company. 9,697; Apr. 5.
This White Paint Does Not Turn Dark. For Paint. New Jersey Zinc Company. 9,708; Apr. 5.
Three as A Pair and a Spare. For Hosiery. Slipper Shop, Inc. 9,710; Apr. 5.
Venus Su Garantia De Perfección No. 520. For Pencils. American Lead Pencil Company. 9,693; Apr. 5.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. Dexter-Carpenter Coal Company. 244,058; Apr. 5.
Coal. Dexter-Carpenter Coal Company. 244,062; Apr. 5.
Coal. Meador and Young, Incorporated. 243,101; Apr. 5.
Cryolite. Pennsylvania Salt Manufacturing Company. 244,105; Apr. 5.
Furs and skins. Nathan L. Weill, Inc. 243,734; Apr. 5.
Leather. Barnet Leather Co. 243,919; Apr. 5.
Seed, Flower, garden, and field. Forrest Seed Co. Inc. 241,334; Apr. 5.
Seeds, plants, and bulbs. J. M. McCullough's Sons Co. 243,008; Apr. 5.

CLASS 2.

Baskets and similar canvas containers, Canvas. Wm. E. Hooper & Sons Co. 239,583; Apr. 5.

CLASS 4.

Cream, Shaving. William A. Webster Company. 243,331–2; Apr. 5.
Polish, Shoe. International Shoe Polish, Inc. 237,814; Apr. 5.
Preparation for application to glass for precluding fogging. Carrier-Stephens Company. 230,660; Apr. 5.
Soap, Toilet. Bourjois, Inc. 236,251; Apr. 5.

CLASS 6.

Anæsthetics. Niketol, Inc. 244,463; Apr. 5.
Antiseptic and deodorant preparation. Hudson & Company. 244,825; Apr. 5.
Antiseptic and diuretic, Genito-urinary. E. F. Pabst. 244,783; Apr. 5.
Antiseptic, astringent, and prophylactic, Mouth and throat. Mrs. I. L. James. 243,705; Apr. 5.
Antiseptic deodorizing powder. A. R. Flanigan. 244,008; Apr. 5.
Carbon dioxide, Liquid. Beacon Devices, Inc. 241,077; Apr. 5.
Compound, Healing and deodorizing vaginal bath. D. Morian. 240,147; Apr. 5.
Compound, Vegetable and iron. G. W. Lewis. 244,833; Apr. 5.
Cough lozenges. S. S. Nelson. 244,949; Apr. 5.
Creams, mouth washes, foot powders, etc., Shaving. William A. Webster Company. 243,332; Apr. 5.
Dentifrices. S. Kostritsky. 243,815; Apr. 5.
Digestant for all poultry. Pre-Test Products Company. 243,884; Apr. 5.
Glycerin, Substitutes for. Daigger Corporation. 244,854; Apr. 5.
Hair dressing or tonic. Heitkamp Bros., Inc. 244,824; Apr. 5.
Insecticidal, germicidal, and fungicidal sprays for trees and plants. California Spray-Chemical Company. 244,424–6; Apr. 5.
Insecticides, germicides, and disinfectants. American Disinfecting Company. 240,388; Apr. 5.
Kelp mineral products. H. H. Brooten & Sons Inc. 242,982; Apr. 5.
Laxative and cathartic. La Societe Generale de Produits Specialises. 241,230; Apr. 5.
Lead sulphate and lead oxide. Eagle-Picher Lead Company. 241,143; Apr. 5.
Liniment. M. J. Downey. 244,396; Apr. 5.
Medicinal powders. D. R. Campbell. 243,641; Apr. 5.
Medicinal preparation. E. Greenberg. 243,698; Apr. 5.
Medicinal preparation. Hardwick-Spencer Medicine Company. 228,188; Apr. 5.
Medicinal preparation. S. Pfeiffer Mfg. Co. 244,178; Apr. 5.
Medicinal preparation. Frederick Stearns & Company. 244,437; Apr. 5.
Medicinal preparations. S. Saletan. 244,720; Apr. 5.
Medicinal product. Maison A. Gazzoni & Compania. 243,938; Apr. 5.
Medicine. N. A. Balding. 244,918; Apr. 5.
Medicine. A. R. Flanigan. 244,009; Apr. 5.
Medicine. J. Haynes. 241,154; Apr. 5.
Medicine. Powell Drug Co. 243,907; Apr. 5.
Medicine, Liquid. F. F. Jacobs. 243,608; Apr. 5.
Oils, essences, and raw materials. Societe Anonyme "Les Hesperidees." 244,579; Apr. 5.
Ointment. Deloney & Company. 243,088; Apr. 5.
Perfume essence, Synthetic. Societe Anonyme Parora. 244,796; Apr. 5.
Perfumes. A. Pillet. 242,064–5; Apr. 5.
Pharmaceutical preparations. Ranier Pharmaceutical Products Co. 243,788; Apr. 5.
Plasters, Corn. N. L. Haas. 244,430; Apr. 5.
Powder, cold cream, rouge, etc., Face and bath. June Days, Incorporated. 244,939; Apr. 5.
Powder, Skin. G. S. Heyer. 241,483; Apr. 5.
Powders, creams, and packs, toilet waters, rouges, etc., Face. Le Maire Perfumeur, Inc. 242,542; Apr. 5.
Powders, Teething. John Steedman & Company. 244,449; Apr. 5.
Remedies for treatment of rheumatism, sciatic, etc., Internal. Pinus Medicine Company. 227,472; Apr. 5.
Salts and buffing compound. Metals Protection Corporation. 243,871; Apr. 1.
Shampoo, hair rinse, hair tonic, etc. Sunland Laboratories Inc. 244,894; Apr. 5.
Soda. Los Angeles Soap Company. 244,164; Apr. 5.
Spasmodic used in the treatment of tabes, pseudotabes, etc. J. D. Riedel Aktiengesellschaft. 242,801; Apr. 5.
Toilet preparations. Lawrence, Incorporated. 242,676; Apr. 5.
Tonic, Hair. R. Martorano. 241,019; Apr. 5.

CLASS 8.

Humidors, ash receivers, and trays, etc. Buckley, Newhall Company. 241,081–2; Apr. 5.

CLASS 10.

Fertilizers. International Agricultural Corporation. 244,303; Apr. 5.

CLASS 11.

Inking ribbons and carbon paper. F. S. Webster Company. 244,585; Apr. 5.

CLASS 12.

Asphalt compound. Pioneer Paper Company. 243,965. Apr. 5.
Asphalt emulsion. Sterling Products Company. 243,509; Apr. 5.
Building blocks, tile, etc. Atlantic Gypsum Products Company. 243,639; Apr. 5.
Building felts. Lockport Paper Company. 244,161; Apr. 5.
Cement. Standard Fuel Engineering Company. 243,566; Apr. 5.
Cement. West Penn Cement Company. 242,552; Apr. 5.
Doors, trim moldings, etc. Cadwallader-Gibson Co. 228,593; Apr. 5.
Lumber. Darling-Singer Lumber Co. 243,689; Apr. 5.
Lumber. W. L. Kann. 242,786; Apr. 5.
Lumber and planing-mill products. Weyerhaeuser Forest Products. 242,073; Apr. 5.
Plastic material. Sterling Products Company. 243,508; Apr. 5.
Structural-steel members. American Finance & Commerce Company. 243,680; Apr. 5.
Wall and plaster board and joint-filling material. Pennsylvania Gypsum Company. 241,835; Apr. 5.

CLASS 13.

Faucets, Wooden. N. Zohman. 244,643; Apr. 5.
Traps, Drum. Wensley Metal Products Company. 243,676; Apr. 5.
Tubing, gutter hangers, rivets, etc., Brass and copper. John H. Heimbuecher Metals Co. 243,057; Apr. 5.

CLASS 14.

Lead, roof flanges, solder, etc., Pig. Eagle-Picher Lead Company. 241,704–6; Apr. 5.

CLASS 15.

Candles. Smith & Nichols, Incorporated. 244,575; Apr. 5.
Candles. Smith & Nichols, Incorporated. 244,577; Apr. 5.
Gasoline, kerosene, lubricating oil, etc. Mayflower Oil Company. 226,816; Apr. 5.
Motor fuel oils. Lemont Refining Company. 243,058; Apr. 5.
Oils, Cutting. E. F. Houghton & Co. 244,401; Apr. 5.

CLASS 16.

Lacquers and paint enamels. H-O Lacquer Mfg. Co. 240,855; Apr. 5.
Paint. Victor Engineering Corporation. 244,037; Apr. 5.
Paint, Semigloss enamel-finish. Wadsworth-Howland Company. 242,401; Apr. 5.
Paints and paint thinner, etc, Textile. G. Reis & Bro., Inc. 244,242; Apr. 5.
Paints, paint enamels, lacquers, paint oils. V. C. Wogoman. 244,906; Apr. 5.
Paints, varnishes, stains, and paint enamels. Roberts, Glazebrook & Co. Ltd. 234,872; Apr. 5.

CLASS 19.

Automobiles, Passenger-carrying. Falcon Motors Corporation. 243,802; Apr. 5.

Automobiles, Passenger-carrying. Willys-Overland Company. 243,837; Apr. 5.
Car doors and fixtures therefor, Steel. Youngstown Steel Door Co. 238,936; Apr. 5.
Wheelbarrows and concrete carts, Tubular and contractors'. Akron Barrow Company. 224,269; Apr. 5.

CLASS 21.

Batteries, battery chargers, and parts thereof, Storage. Automotive Battery Corp. 236,190; Apr. 5.
Battery terminals, plugs, screws, and bushings, Storage-. Imperial Brass Manufacturing Company. 235,303; Apr. 5.
Electrical fittings. Erie Malleable Iron Company. 226,481; Apr. 5.
Electrical transformers and equipment therefor. Westinghouse Electric & Manufacturing Company. 233,341; Apr. 5.

CLASS 22.

Game, Card. National Golf Service Co. 244,087; Apr. 5.
Games, Card. Associated Educators Syndicate. 243,917; Apr. 5.
Golf ball. Druggists' Supply Corporation. 244,856–8; Apr. 5.
Golf balls. Arlington Rubber Company. 243,188; Apr. 5.
Golf balls. Draper-Maynard Company. 244,606; Apr. 5.
Golf clubs, balls, bags, golf irons, etc. Donaldson Manufacturing Co. 239,798; Apr. 5.
Toy figure, Mechanical. Miller-Smith, Inc. 244,173; Apr. 5.
Toy miniature lumber. Johnson Lumber Company. 243,762; Apr. 5.
Toys, Computing. Dayton Friction Toy Company. 244,056; Apr. 5.

CLASS 23.

Mail-inserting machines. Insertograph Co. 244,936; Apr. 5.
Plows and harrows. Emerson-Brantingham Corporation. 244,682; Apr. 5.
Razor blades, Safety-. R. H. Macy & Co. 239,257; Apr. 5.
Sawmill and mining machinery, accessories, and parts thereof. Prescott Company. 239,379; Apr. 5.
Sharpener, Magnetic razor-blade. Everkeen Corporation. 244,993; Apr. 5.
Steel dies and bronze molds. P. Cricchio. 242,709; Apr. 5.
Tractors, road graders, etc. Hadfield-Penfield Steel Company. 243,757; Apr. 5.
Transmission units, Hydraulic. Oilgear Company. 244,511; Apr. 5.

CLASS 27.

Clocks. H. S. Benedikt Company. 244,208; Apr. 5.
Mainsprings for clocks and watches. Louis Perret et Fils. 221,766; Apr. 5.
Watches, clocks, and their movements. M. M. Mirabeau. 244,711; Apr. 5.
Watches, watch movements and parts of the same. S. Weissman Co. 242,932; Apr. 5.

CLASS 29.

Brushes. John L. Whiting-J. J. Adams Company. 226,404–5; Apr. 5.

CLASS 31.

Refrigerators and refrigerating machinery. Sanat Refrigerating Company. 243,727; Apr. 5.
Refrigerators and refrigerator parts. Leonard Refrigerator Company. 234,961; Apr. 5.
Refrigerators, refrigerating apparatus and ice making machines, and parts thereof. B. Pilsson. 241,633; Apr. 5.

CLASS 32.

Bed springs. E. Lieberman. 243,275; Apr. 5.
Cushions, Leather. Moroccan Estates. 239,818; Apr. 5.

CLASS 33.

Glass, Sheet. Western Glass Company. 228,878; Apr. 5.
Glass, silvered and unsilvered, Flat. Williamsport Mirror and Glass Company. 231,223; Apr. 5.
Glassware. Grasfabriken und raffinieren Josef Inwald A. G. 242,229; Apr. 5.

CLASS 34.

Burners and apparatus associated therewith, Liquid-fuel. L. B. Hertzig. 244,866; Apr. 5.
Burners and heaters, Oil. Super Oil Heater Company. 226,797; Apr. 5.
Lanterns, and the burners and metal parts thereof, Oil-burning. R. E. Dietz Company. 244,550; Apr. 5.
Ranges. Tennessee Stove Works. 244,033; Apr. 5.
Ranges, plates, heaters, and stoves, Gas. Geo. D. Roper Corporation. 219,912; Apr. 5.

CLASS 35.

Belting, transmission and brake lining, Woven. Scandinavia Belting Company. 243,174; Apr. 5.
Piston rings. Wilkening Manufacturing Company. 244,841; Apr. 5.

CLASS 36.

Sound recording and reproducing machinery and appurtenances thereto and parts thereof, etc. Victor Talking Machine Company. 242,360; Apr. 5.
Talking machines, Reproducers and needles for. Everybody's Talking Machine Company. 242,716; Apr. 5.
Talking machines, Springs for. Everybody's Talking Machine Company. 242,715; Apr. 5.
Violin and cello strings. Simpson & Frey, Inc. 243,025; Apr. 5.

CLASS 37.

Bank supplies. Continental Bank-Supply Company. 228,744; Apr. 5.
Paper, Italian handmade and handlaid writing. Japan Paper Company. 215,209; Apr. 5.

CLASS 38.

House organ. Pacific Egg Producers Cooperative, Inc. 244,367; Apr. 5.
House organs. Gilmour, Rothery & Co. 244,497; Apr. 5.
Magazine. Dell Publishing Company. 242,416; Apr. 5.
Magazine. Glen-Kel Publishing Co. 244,150; Apr. 5.
Magazine. Macfadden Publications Incorporated. 244,165; Apr. 5.
Magazine. L. W. Peabody. 244,569; Apr. 5.
Magazine. Pro Distributors Publishing Company. 243,109; Apr. 5.
Magazine. Smith Brothers Publishers, Inc. 244,030; Apr. 5.
Magazine. Union Publishing Company. 244,521; Apr. 5.
Newspaper. W. E. Boyd. 243,746; Apr. 5.
Periodical. Garfield National Bank. 239,407; Apr. 5.
Periodical. E. T. Maples. 244,507; Apr. 5.
Periodical. Methodist Book Concern. 244,361; Apr. 5.
Publication. Exhibitors Review Publishing Corporation. 244,351; Apr. 5.
Publication. Loyless Publishing Company. 244,358; Apr. 5.
Publication. Rand McNally and Company. 244,471; Apr. 5.
Publication and magazine, Periodical. Wheeler Reid Publications, Inc. 238,526; Apr. 5.
Publication, Periodical. Textile Publicating Company. 241,797; Apr. 5.
Publications. White Company. 244,902–3; Apr. 5.

CLASS 39.

Blouses, suits, overcoats, and men's lumber jackets, Boys'. M. Freezer. 244,223; Apr. 5.
Coats, fur neck pieces, and dresses, Fur and spring. Keyser & Co. 243,951; Apr. 5.
Coats, vests, trousers, knickerbockers, topcoats, etc. J. Schoeneman, Incorporated. 243,973; Apr. 5.
Corset belt. W. G. Weber. 244,260; Apr. 5.
Dresses. F. R. Wright. 243,990; Apr. 5.
Hosiery. Florsheim Bros. Dry Goods Co. Ltd. 242,531; Apr. 5.
Hosiery. Real Silk Hosiery Mills. 244,181; Apr. 5.
Overshoes. L. M. Radway. 243,110; Apr. 5.
Shirts, Men's. Jacob Miller's Sons Co. 241,778; Apr. 5.
Shoes, Leather. Edmonds Shoe Company. 190,771–2; Apr. 5.
Suits, Bathing. Greenhill & Daniel. 244,069; Apr. 5.
Underwear and night wear, Men's. Sexton Mfg. Co. 227,477; Apr. 5.

CLASS 40.

Barrettes, hairpins, combs, and toilet sets. Behr & Hirtenstein. 242,566; Apr. 5.
Fabrics stamped with embroidery patterns, Textile. John R. Lankenau Co. 226,776; Apr. 5.

CLASS 42.

Cotton piece goods. F. U. Stearns & Company. 244,479; Apr. 5.
Cotton, silk, artificial silk, wool, etc. Imperial Silk House. 243,761; Apr. 5.
Fabric in the piece, Elastic. Narrow Fabric Co. 228,126; Apr. 5.
Fabrics. John B. Ellison & Sons. 229,951; Apr. 5.
Fabrics made from wool, worsteds, or mixtures thereof. John B. Ellison & Sons. 216,898; Apr. 5.
Handkerchiefs. Penn Handkerchief Co. 243,878; Apr. 5.
Silk fabrics. Emshelmer & Sahlein. 244,005; Apr. 5.
Silk goods in the piece. C. K. Eagle & Co. 242,824; Apr. 5.
Silk piece goods. Albert Godde, Bedin, Inc. 244,591; Apr. 5.
Silk piece goods. M. Spivak. 244,798; Apr. 5.
Silk piece goods. Susquehanna Silk Mills. 225,628; Apr. 5.
Silk piece goods. Wollman Silk Corporation. 241,310; Apr. 5.

Woolen and worsted fabrics. Detmer, Bruner & Mason, Inc. 244,395; Apr. 5.
Woolen piece goods. Forstmann & Huffmann Company. 234,116; Apr. 5.
Woolen piece goods. Yund, Kennedy & Yund. 244,843; Apr. 5.

CLASS 44.

Sanitary napkins. Acme Cotton Products Co. 243,795; Apr. 5.
Sanitary napkins. Hospital Specialty Co. 235,818–19; Apr. 5.
Sanitary napkins. Hospital Specialty Co. 235,822; Apr. 5.
Sanitary napkins. Hospital Specialty Co. 235,827; Apr. 5.
Sanitary napkins. Narrow Fabric Co. 244,086; Apr. 5.
Therapeutic apparatus. Gish-Fortney Co. Inc. 243,541; Apr. 5.
Trusses and suspensories. Cincinnati Truss Company. 244,603; Apr. 5.

CLASS 45.

Beverage and sirup for making same. C. M. Pitt & Sons Company. 243,230; Apr. 5.
Beverages and concentrates for making same. Sethness Company. 244,790; Apr. 5.
Beverages, soft drinks, Maltless. Electrified Water Co. 229,223; Apr. 5.
Beverages sold as soft drinks. Fitger Company. 227,118; Apr. 5.
Water, Drinking. Sparkletts Artesian Water Co. 244,797; Apr. 5.

CLASS 46.

Apples, Fresh. L. E. Birmingham. 211,516; Apr. 5.
Bread, coffee cakes, rolls, etc. Borck & Stevens Incorporated. 242,061; Apr. 5.
Butter. Debow & Co. 244,855; Apr. 5.
Butter and eggs. A. Getz. 240,971; Apr. 5.
Cake. General Baking Company. 244,924–5; Apr. 5.
Cake comprising a wheat product and milk chocolate. Two in One Confection Company. 215,717; Apr. 5.
Candies. W. P. Chase Candy Corp. 241,926; Apr. 5.
Candies, Bar. S. R. Serocky. 242,752; Apr. 5.
Candy. N. P. Damianakes. 227,114; Apr. 5.
Candy. Voneiff-Drayer Co. 244,195; Apr. 5.
Candy and candy bars. Curtiss Candy Company. 244,672; Apr. 5.
Candy bar. Shotwell Mfg. Co. 237,290; Apr. 5.
Candy, chocolate, cocoa, etc. J. G. McDonald Chocolate Co. 240,613; Apr. 5.
Candy in the form of chocolate wafers. Van Houten, Inc. 226,827; Apr. 5.
Canned fish. Seacoast Canning Company. 219,772; Apr. 5.
Canned fruits, vegetables, pork and beans, salmon, coffee, tea, cheese, etc. John Sexton and Company. 230,266; Apr. 5.
Cheese. Hulseberg & Krudener, Inc. 244,012; Apr. 5.
Cheese. Kraft Cheese Company. 243,708; Apr. 5.
Coffee. Dwight Edwards Company. 241,401; Apr. 5.
Coffee. Great Atlantic & Pacific Tea Co. 244,927; Apr. 5.
Coffee extract, Liquid. Magic Coffee Company. 243,767; Apr. 5.
Dates, figs, citron, ginger, etc. Black Palm, Inc. 233,165–6; Apr. 5.
Feed for livestock. Universal Mills. 244,581; Apr. 5.
Feeds, Prepared dairy. Chapin & Company. 244,543; Apr. 5.
Flavoring. David Michael & Co. 244,172; Apr. 5.
Flour, mill feed and corn meal, Wheat. Cain Bros. Milling Co. 243,345; Apr. 5.
Flour, Pie and cake. Paxton Flour & Feed Co. 241,957; Apr. 5.
Flour, Wheat. Eagle Roller Mill Co. 241,332; Apr. 5.
Flour, Wheat. Fisher Flouring Mills Company. 244,762; Apr. 5.
Flour, Wheat. Fremont Mills. 244,687; Apr. 5.
Flour, Wheat. Kansas Flour Mills Corporation. 240,715; Apr. 5.
Flour, Wheat. Wm. Pollock Milling & Elevator Co. 244,719; Apr. 5.
Flour, Wheat. Schultz, Baujan & Co. 244,724; Apr. 5.
Flour, wheat grits, bran and bread, Wheat. C. Holser. 234,397; Apr. 5.
Food, Dog. Old Trusty Dog Food Company. 244,092; Apr. 5.
Food, Dog. Old Trusty Dog Food Company. 244,094; Apr. 5.
Food, Dog. Spratt's Patent (America) Limited. 244,727; Apr. 5.
Fruit jams. C. G. Romano. 242,621; Apr. 5.
Jams, jellies, jelly concentrate, etc. Jelmarvl Co. 244,871; Apr. 5.
Lards, butter, hams, bacon, sausage, etc. Wm. Schluderberg-T. J. Kurdle Co. 239,681; Apr. 5.
Lettuce, Fresh. Tremaine Alfalfa Ranch & Milling Company. 244,801; Apr. 5.
Mushrooms, mushroom catchup, apples, potatoes, ducks, chickens, turkeys, etc. W. F. Crosby. 228,178; Apr. 5.
Oleomargarine and lard. St. Louis Indepedent Packing Company. 226,173; Apr. 5.
Oranges, lemons, and grapefruit. S. E. Fusco. 234,117; Apr. 5.
Pickle relish. Ackerman and Company. 243,185; Apr. 5.
Pie fillings and puddings, Preparation for making. Good Luck Food Co. 237,101; Apr. 5.
Tea and coffee. Delano, Potter & Co. 244,547; Apr. 5.
Vegetables, Fresh. Johnson & Derby. 233,555; Apr. 5.

CLASS 48.

Malt sirup. Better Health Malt Syrup Co. 243,583; Apr. 5.
Malt sirup. S. L. Goldman. 243,266; Apr. 5.
Malt sirup. H. Hirsh. 244,770; Apr. 5.

CLASS 50.

Waterproof fabric and cotton duck. Wm. E. Hooper & Sons Co. 243,270; Apr. 5.
Waterproof fabric and waterproof cotton duck. Wm. E. Hooper & Sons Co. 243,945; Apr. 5.
Waterproof fabric and waterproof cotton duck. Wm. E. Hooper & Sons Co. 243,947–8; Apr. 5.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 5TH DAY OF APRIL, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abbey, Charles J., Skowhegan, Me. Blower for saws. 1,623,859; Apr. 5.
Abercrombie, David T., Brooklyn, N. Y. Tent pole. 1,623,153; Apr. 5.
Abercrombie, David T., Brooklyn, N. Y. Tent. 1,623,154; Apr. 5.
Acheson, George W., Newark, N. J. Preparing rubber compositions. 1,623,517; Apr. 5.
Adams, Oscar H., Keokuk, Iowa. Pipe wrench. 1,623,770; Apr. 5.
Addressograph Company. (See Duncan, Joseph S., assignor.)
Aeolian Company, The. (See Starkie, John W., assignor.)
Agnew, James G., and R. K. Pond, assignors, by mesne assignments, to F. L. Olmsted, trustees, Annapolis, Md. Badge or similar article. Des. 72,339; Apr. 5.
Akers, Milton K., assignor to The Hobart Manufacturing Company, Troy, Ohio. Hopper for coffee grinders or the like. Des. 72,340; Apr. 5.
Alexander, John E., Port Edwards, Wis., and S. A. Staege, Pittsburgh, Pa.; said Staege assignor to said John E. Alexander. Automatic circuit breaker for drying machines and the like. 1,623,611; Apr. 5.
Alexander, Robert, Oakland, Calif. Painting on velvet or other cut pile fabric. 1,623,771; Apr. 5.
All Clear Windshields, Inc. (See Demand, Joseph, assignor.)
Allen, George B., Atlanta, Ga. Golf game. 1,623,518; Apr. 5.
Allied Process Corporation. (See Weidmann, Hans, assignor.)
Allwill, Stephen S., Auckland, New Zealand. Carburetor. 1,623,899; Apr. 5.
Alterman, Joseph. (See Joseph, F., and Creamer, assignor.)
Aluminum Seal Corporation. (See Nordstrom Elof, assignor.)
Alvarado, Alberto M., Durango, Mexico. Violin bridge. 1,623,900; Apr. 5.
Amann, August, and E. Fonrobert, Wiesbaden, assignors to the Firm Chemische Fabriken Dr. Kurt Albert G. m. b. H., Amoneburg, near Bierbrich-on-the-Rhine, Germany. Improvement of natural resins. 1,623,901; Apr. 5.
Ambler Asbestos Company. (See Applin, Harry, assignor.)
Ambler Asbestos Company. (See Mattison, Richard V., assignor.)
Amende, Lewis W., Casper, Wyo. Shock absorber. 1,623,081; Apr. 5.
American Can Company. (See Hothersall, John M., assignor.)
American Can Company. (See Widell, Magnus E., assignor.)
American Chain Company. (See Fageol, Rollie B., assignor.)
American Chain Company. (See Goetz, Oscar H., assignor.)
American Coalinoil Corporation. (See Greenstreet, Charles J., assignor.)
American Dressler Tunnel Kilns, Inc. (See Crawford, George E., assignor.)
American Gasaccumulator Company. (See Dalen, Gustaf, assignor.)
American Monorail Company, The. (See Harris, Frank C., assignor.)
American Multigraph Company, The. (See Osborn, Henry C., assignor.)
American Specialty Co. (See Coley, George F., assignor.)
American Telephone and Telegraph Company. (See Crisson, G., and Silent, assignors.)
American Telephone and Telegraph Company. (See Jacobsen, Emil, assignor.)
American Telephone and Telegraph Company. (See Toomey, John F., assignor.)
American Wiremold Company, The. (See Frederickson, Otto A., assignor.)
Ames, Charles F., et al. (See Frederick, Rheuel H., assignor.)
Ames, Charles F., Brooklyn, assignor of one-fifth to A. H. E. Berchem and one-fifth to H. S. Schanck, New York, N. Y. Centrifugal pump. 1,623,082; Apr. 5.
Ames, Charles F., Brooklyn, assignor of one-fifth to A. H. E. Berchem and one-fifth to H. S. Schanck, New York, N. Y. Vacuum-producing apparatus. 1,623,083; Apr. 5.
Andersen, Fred C., and E. C. Madson, Bayport, and G. A. Chapman, Minneapolis, assignors to Andersen Lumber Company, Bayport, Minn. Casement sash frame. 1,623,772; Apr. 5.
Andersen Lumber Company. (See Andersen, F. C., Madson, and Chapman, assignors.)
Anderson, Carl M., assignor of one-half to M. Chonkich, Baltimore, Md. Cooling system for motor vehicles. 1,623,902; Apr. 5.
Anderson, Gustaf A., Baltimore, Md., assignor, by mesne assignments, to The Symington Company. Truck side frame. 1,623,036; Apr. 5.
Anderson, Gustaf A., Baltimore, Md., assignor, by mesne assignments, to The Symington Company. Car-truck side frame. 1,623,037; Apr. 5.
Anderson, Gustaf A., Baltimore, Md., assignor, by mesne assignments, to The Symington Company. Truck side frame. 1,623,570; Apr. 5.
Anderson, John N. (See Colby, Lawrence W., assignor.)
Anderson, Robert D., Shreveport, La. Exhaust fan or blower. 1,623,650; Apr. 5.
Anderson, Oscar O., Sioux Rapids, Iowa. Float valve. 1,623,374; Apr. 5.
Andrew, Howard E., Vancouver, Wash. Automobile lock. 1,623,455; Apr. 5.
Angel International Corporation. (See Reilly, Rodolphe K., assignor.)
Apollo Piano Co. (See Rauworth, Edwin S., assignor.)
Applin, Harry, Ambler, Pa., assignor to Ambler Asbestos Company. Shingle machine. 1,623,612; Apr. 5.
Arndt, Max M., Manitowoc, Wis. Flying machine. 1,623,613; Apr. 5.
Arnstein, Karl, assignor to the Firm Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Airship frame. 1,623,951; Apr. 5.
Arnstein, Karl, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Stabilizing apparatus for rigid airships. 1,623,952; Apr. 5.
Asmus, Hugo C., Kansas City, Mo. Ice pick. 1,623,375; Apr. 5.
Athey, Isaac H., assignor to Athey Truss Wheel Co., Chicago, Ill. Vehicle. 1,623,456; Apr. 5.
Athey, Isaac H., assignor to Athey Truss Wheel Co., Chicago, Ill. Vehicle. 1,623,457; Apr. 5.
Athey, Isaac H., assignor to Athey Truss Wheel Co., Chicago, Ill. Vehicle. 1,623,458; Apr. 5.
Athey Truss Wheel Co. (See Athey, Isaac H., assignor.)
Augustine Automatic Rotary Engine Co. (See Augustine, Benjamin F., assignor.)
Augustine, Benjamin F., assignor to Augustine Automatic Rotary Engine Company, Buffalo, N. Y. Two-cycle gas engine. 1,623,286; Apr. 5.
Austin, George C., Seattle, Wash., assignor, by mesne assignments, of one-half to S. C. Carter Co., Inc., Los Angeles, Calif. Piston. 1,623,328; Apr. 5.
Auth, Charles, New York, assignor to E. L. Auth, Brooklyn, N. Y. Annunciator drop. 1,623,376; Apr. 5.
Auth, Emma L. (See Auth, Charles, assignor.)
Automatic Electric Inc. (See Bellamy, John I., assignor.)
Automatic Electric Inc. (See Smith, Arthur B., assignor.)
Automotive Valves Co., The. (See Burtnett, Everett R., assignor.)
Ayres, Harry T., Durango, Colo. End connection and shock absorber for vehicle springs. 1,623,651; Apr. 5.
Babbitt, Edwin V., Fairhaven, Mass. Baseball-game apparatus. 1,623,038; Apr. 5.
Babbitt, Edwin V., Fairhaven, Mass. Sailor toy. 1,623,039; Apr. 5.
Bach, Oscar B., New York, N. Y. Console table. Des. 72,338; Apr. 5.
Bach, Oscar B., New York, N. Y. Torchère. Des. 72,341; Apr. 5.
Bach, Oscar B., New York, N. Y. Table. Des. 72,342; Apr. 5.
Bach, Oscar B., New York, N. Y. Highboy. Des. 72,343; Apr. 5.
Bach, Oscar B., New York, N. Y. Table. Des. 72,344; Apr. 5.
Bach, Oscar B., New York, N. Y. Torchère. Des. 72,345; Apr. 5.
Bach, Oscar B., New York, N. Y. Lamp. Des. 72,346; Apr. 5.

Bacon, Alfred M., Arlington, Mass. Tire carrier. 1,623,377; Apr. 5.

Baer, Samuel, New York, N. Y. Playing card. 1,623,035; Apr. 5.

Baker, George R., and W. E. Prescott, London, and C. W. Gilderdale, New Earswick, assignors to Rowntree and Company Limited, York, England. Method and apparatus for grading solid materials. 1,623,040; Apr. 5.

Baker, Milo A., Los Angeles, Calif. Drilling apparatus. 1,623,084; Apr. 5.

Baker, Oscar H., New York, N. Y. Milk bottle. 1,623,459; Apr. 5.

Baker-Raulang Company, The. (See Remde, Edward H., assignor.)

Baker-Vawter Company. (See Steenrod, William J., assignor.)

Ballamos, Elizabeth. (See Reason, Walter M., assignor.)

Ballard, Harrie A., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Channeling machine. 1,623,225; Apr. 5.

Ballard, Harrie A., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Channeling machine. 1,623,226; Apr. 5.

Balsley, Frederick M., Madison, Wis. Marker for pavements. 1,623,297; Apr. 5.

Bang, Henry, assignor of two-fifths to T. Carstensen, Chicago, Ill. Freight-car door. 1,623,652; Apr. 5.

Bansley, William M. (See Booty, Philip C. P., assignor.)

Barbarou, Marius J. B., Paris, France. Valve gear in internal-combustion engines. 1,623,041; Apr. 5.

Barbieri, Cesare, New York, N. Y., assignor to The Vortex Mfg. Co. Paper-cup-forming machine. 1,623,329; Apr. 5.

Barbieri, Cesare, New York, N. Y., assignor to The Vortex Mfg. Co., Chicago, Ill. Cup-machine carton-loading attachment. 1,623,330; Apr. 5.

Barker, Benjamin F., El Paso, Tex., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,623,042; Apr. 5.

Barnay, Antoine, Paris, France. System for transmitting electrical impulses. 1,623,714; Apr. 5.

Barney, Ernest E. (See Gegenheimer, W., and Barney.)

Bartels, Amendus, and O. Miech, Harburg-on-the-Elbe, Germany. Manufacture of shaped articles of casein. 1,623,085; Apr. 5.

Bartsch, Herbert E., Chicago, Ill., assignor to Universal Draft Gear Attachment Co. Brake mechanism. 1,623,227; Apr. 5.

Bates, Adelmer M., G. P. Dorr, and J. E. Dancker, assignors to Bates Valve Bag Company, Chicago, Ill. Method of and apparatus for severing and valving bag tubes. 1,623,228; Apr. 5.

Bates Valve Bag Company. (See Bates, A. M., Dorr, and Dancker, assignors.)

Baumberger, William J. (See Yerk, H. H., and Baumberger.)

Baumeister, Hans, Stuttgart, Wilhelm E. Dörr, Friedrichshafen, Bodensee, Germany, and Karl Hürttle, Akron, Ohio, assignors to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Gas-inflated airship. 1,623,653; Apr. 5.

Bavington, Walter W., Okmulgee, Okla. Compressor. 1,623,378; Apr. 5.

Baybutt, Richard, and E. S. Farrow, jr., assignors to Eastman Kodak Company, Rochester, N. Y. Bleaching cellulose acetate. 1,623,519; Apr. 5.

Beaumont, William M. (See King, R. E., and Beaumont.)

Beaver, Byron R., Ulysses, Nebr. Wrench. 1,623,379; Apr. 5.

Beck, Riley, Dows, Iowa. Water circulator and air moistener for water-cooled internal-combustion engines. 1,623,229; Apr. 5.

Becker, George J., Annandale, N. Y. Piano key. 1,623,331; Apr. 5.

Becker, Joseph, assignor to The Koppers Company, Pittsburgh, Pa. Combination oven. 1,623,460; Apr. 5.

Beckwith, Harry H. (See Swett, Charles E., assignor.)

Beesl, Peter, Durand, Mich. Blotter device for pens. 1,623,614; Apr. 5.

Bednarz, Edward, Everett, Wash. Signal for vehicles. 1,623,903; Apr. 5.

Bee, May P., New York, N. Y. Handkerchief. Des. 72,347; Apr. 5.

Beebe, Paul, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Apparatus for and making articles from a fibrous composition. 1,623,933; Apr. 5.

Beebe, Robert H., Seattle, Wash. Brake. 1,623,380; Apr. 5.

Beezley, Reginald R., Memphis, Tenn. Storage-battery terminal. 1,623,332; Apr. 5.

Belden, Edward H., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Lubrication system for internal-combustion engines. 1,623,461; Apr. 5.

Belden, Edward H., assignor to The Willys-Overland Company, Toledo, Ohio. Internal-combustion engine. 1,623,462; Apr. 5.

Bell, Frank M., assignor to R. G. Thompson and E. B. Simmonds, Muncie, Ind. Truck. 1,623,298; Apr. 5.

Bell, John E. (See Isom, E. W., and Bell.)

Bell, John E., Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill. Oil still. 1,623,773; Apr. 5.

Bell, Paul, Mexico City, Mexico. Holding device for wild animals. 1,623,774; Apr. 5.

Bell Telephone Laboratories, Incorporated. (See King, R. E. and Beaumont, assignors.)

Bellamore, David H., New York, N. Y., assignor to The Mosler Safe Company, Hamilton, Ohio. Metallic structure. 1,623,155; Apr. 5.

Bellamy, John I., Brookfield, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Telephone system. 1,623,230; Apr. 5.

Bellman, Edward T., assignor of one-third to J. J. Raney, Rockford, Ill. Circuit-closing device. 1,623,571; Apr. 5.

Beloit Iron Works. (See Berry, Earl E., assignor.)

Bender, Frederick C., Mineola, N. Y. Musical instrument. 1,623,381; Apr. 5.

Bendix Brake Company. (See Nelson, Emil A., assignor.)

Bennington, Albert P., Philadelphia, Pa. Cleaning head for blackboard renovators. 1,623,520; Apr. 5.

Bennington, Albert P., Philadelphia, Pa. Cleaning head for blackboard renovators. 1,623,521; Apr. 5.

Benson, Davisson A., assignor to Standard Arch Company, Frostburg, Md. Furnace-roof structure. 1,623,860; Apr. 5.

Bent, Walter G., Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Coated paper. 1,623,522; Apr. 5.

Berchem, Alphonse H. E., et al. (See Ames, Charles F., assignor.)

Berchem, Alphonse H. E., et al. (See Frederick, Rheuel H., assignor.)

Berg, Harold F., Clinton, Iowa. Milk-can steaming and water-heating system. 1,623,156; Apr. 5.

Berger, Ollie J., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hinge. 1,623,572; Apr. 5.

Berkowitz, Aaron, New York, N. Y. Hat box. 1,623,715; Apr. 5.

Berrenberg, Reinhold A. (See McCann, C. F., and Berrenberg.)

Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Paper-making machine. 1,623,157; Apr. 5.

Bessette, Elzear H., Leominster, Mass. Vehicle signal-lamp casing. 72,348; Apr. 5.

Bird & Son, Inc. (See Hale, William E., assignor.)

Bittick, Halton A., Taylor, Tex. Manually-carried transporting device for electrical conductors. 1,623,823; Apr. 5.

Blackston, Edward A., assignor to L. R. Gilbert, Raleigh, N. C. Filling replenishing mechanism for looms of more than one shuttle. 1,623,861; Apr. 5.

Blakely, W. W. (See Sternbergh, Harry S., assignor.)

Blanchard, Frederick C., Detroit, Mich. Lubricating device. 1,623,775; Apr. 5.

Blatherwick, Harold, Chicago, Ill. Oil can. 1,623,904; Apr. 5.

Blevin, Frederick L., Jersey City, N. J., and A. D. Ferguson, Brooklyn, N. Y. Cardboard-box knife. 1,623,158; Apr. 5.

Bloomfield-Holmes Corporation. (See Holmes, Frank E., assignor.)

Blydenburgh, Harold L. (See Jandus, H. S., and Blydenburgh.)

Bock, Richard W., River Forest, Ill. Illuminated ornamental device. 1,623,086; Apr. 5.

Bona, Stephen, Bridgeport, Conn. Rope clamp. 1,623,615; Apr. 5.

Bondeson, John A., and A. F. Hunt, San Francisco, Calif. Combined punch and file. 1,623,824; Apr. 5.

Booty, Philip C. P., assignor to W. M. Bansley, Chicago, Ill. Regulating device for controlling the operation of valves or the like. 1,623,616; Apr. 5.

Borden, Edmund G., Queens, assignor to Doherty Research Company, New York, N. Y. Calorimeter. 1,623,299; Apr. 5.

Borg & Beck Company, The. (See Gamble, David E., assignor.)

Borglum, Miller, Bakersfield, Calif. Vehicle signal. 1,623,905; Apr. 5.

Boss, Frank N., Cranston, R. I. Electric candle. 1,623,716; Apr. 5.

Both, Tonjes A., Stratford, assignor to The Connecticut Electric Manufacturing Company, Bridgeport, Conn. Externally-operated safety switch. 1,623,573; Apr. 5.

Bourgon, Joseph H., Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Vehicle closure. 1,623,934; Apr. 5.

Bourke, Lester L., Lewbeach, N. Y. Golf club. 1,623,523; Apr. 5.

Bovard, William P., assignor to The Ohio Brass Company, Mansfield, Ohio. Apparatus used in bonding rails and its application. 1,623,654; Apr. 5.

Bowen, David R., Ansonia, and C. F. Schnuck, New Haven, assignors to Farrel Foundry & Machine Company, Ansonia, Conn. Machine for mixing or masticating rubber and like material. 1,623,159; Apr. 5.

Bowers, Walter G., and C. A. Smith, Akron, Ohio. Brake lock. 1,623,382; Apr. 5.

Bowling, Clarence B., and H. Bulman, Detroit, Mich. Floss holder. 1,623,231; Apr. 5.

Boyd, Alexander G., Toronto, Ontario, Canada. Furnace. 1,623,087; Apr. 5.

Boyer, Albert L., Marion, Ind. Loose-leaf binder. 1,623,524; Apr. 5.

Brandes Laboratories, Inc. (See Gerns, William H., assignor.)

Brady, Ellen, Bloomfield, N. J., assignor to Henry Brady, Inc. Package-wrapping device. 1,623,300; Apr. 5.

Brady, Henry, Inc. (See Brady, Ellen, assignor.)

Brady, Henry, Inc. (See Hilsinger, Adin W., assignor.)

Braun, Carl F., Pasadena, Calif. Condenser, cooler, and absorber. 1,623,617; Apr. 5.

Brenner, Ralph F., assignor to H. C. Fry Glass Company, Rochester, Pa. Heat-resisting glass. 1,623,801; Apr. 5.

Bridgeport Brass Company. (See Oakley, Erastus G., assignor.)

Briggs Manufacturing Company. (See Lehman, Walter J., assignor.)

Briggs Manufacturing Company. (See Williams, Clifford J., assignor.)

Briggs, Stephen F., and E. N. Jacobi, assignors, by mesne assignments, to Briggs & Stratton Corporation, Milwaukee, Wis. Oil gange. 1,623,333; Apr. 5.

Briggs & Stratton Corporation. (See Briggs, S. F., and Jacobi, assignors.)

Brilliant Glass Products, Inc. (See Frolking, Stanley A., assignor.)

Brooks, Desmond B., Haxtun, Colo. Novelty. 1,623,906; Apr. 5.

Brousseuse, Fernand L., assignor to P. J. Leboucher, Paris, France. Automatic clutch. 1,623,862; Apr. 5.

Brown, Carl A., East Cleveland, and F. B. Van Sickle, Wickliffe, Ohio, assignor to General Electric Company. Bulb-feeding apparatus. 1623,825; Apr. 5.

Brown, Edgar F., Salisbury, Md. Speed-governing device. 1,623,635; Apr. 5.

Brown, Everett, Hardy, Ky. Valve-operating mechanism 1,623,043; Apr. 5.

Brown, Frederick W., York, England. Wheel for vehicles. 1,623,656; Apr. 5.

Brown, Luther E., assignor of one-half to S. Caprito, Breckenridge, Tex. Apparatus for eliminating dents in tubes or pipes. 1,623,657; Apr. 5.

Bryant, William L., Springfield, Vt. Micrometer gauge. 1,623,574; Apr. 5.

Buck, Arthur. (See Sears, F. W., and Buck.)

Buda Company, The. (See Gormley, Frank L., assignor.)

Buerger, Charles B., assignor to Gulf Oil Burner Company, Pittsburgh, Pa. Safety valve for oil burners and the like. 1,623,160; Apr. 5.

Buerger, Charles B., assignor to Gulf Oil Burner Company, Pittsburgh, Pa. Safety valve for oil burners and the like. 1,623,161; Apr. 5.

Buffington, Joseph, Pittsburgh, assignor of one-half to Charles J. Kirk, New Castle, Pa. Catch. 1,623,302; Apr. 5.

Bulman, Hubert. (See Bowling, C. B., and Bulman.)

Burke, John C., Middlesboro, Ky. Clock. 1,623,907; Apr. 5.

Burkholder, George A., Shoal Lake, Manitoba, Canada. Automobile ventilator. 1,623,383; Apr. 5.

Burleson, Joseph F., Scottsdale, Ariz. Poppet valve. 1,623,826; Apr. 5.

Burnett, Richard W., Chicago, Ill. Railway car. 1,623,303; Apr. 5.

Burns, Dana B., Asheville, N. C. Valve mechanism for internal-combustion engines. 1,623,525; Apr. 5.

Burpee Can Sealer Company. (See Burpee, Frank W., assignor.)

Burpee, Frank W., assignor to Burpee Can Sealer Company, Chicago, Ill. Machine for cutting green corn from the cob. 1,623,088; Apr. 5.

Burpee, Frank W., assignor to Burpee Can Sealer Company, Chicago, Ill. Green-vegetable cutter. 1,623,089; Apr. 5.

Burpee, John H., and D. E. Lain, Bellingham, Wash. Engine piston. 1,623,717; Apr. 5.

Burr, George D., Seattle, Wash. Reinforced concrete paving. 1,623,090; Apr. 5.

Burritt, William H., St. Louis, Mo. Vehicle wheel. 1,623,162; Apr. 5.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engines. 1,623,384; Apr. 5.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,623,385; Apr. 5.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,623,386; Apr. 5.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,623,387; Apr. 5.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Inlet manifold for internal-combustion engines. 1,623,388; Apr. 5.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,623,389; Apr. 5.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,623,390; Apr. 5.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,623,391; Apr. 5.

Butcher, John E., and H. B. Harris, Garber, Okla. Wire-cable cutter. 1,623,044; Apr. 5.

Butt, Herbert G., Winthrop, Mass. Pipe vise. 1,623,045; Apr. 5.

Byrne, Harry, et al. (See Comerford, John, assignor.)

C. G. Spring & Bumper Company, The. (See Dunston, Wayne, E., assignor.)

C. G. Spring & Bumper Company, The. (See Girl, Christian, assignor.)

C. G. Spring & Bumper Company, The. (See Jandus, Herbert S., assignor.)

C. G. Spring & Bumper Company, The. (See Jandus, H. S., and Blydenburgh, assignors.)

Cadwell, Thomas H., Newcastle, Wash. Valve rocker arm attachment. 1,623,863; Apr. 5.

Cady, Walter H. (See Kirschbraun, L., and Cady.)

Cahn, Sam A. (See Le Compte, O. P., and Cahn.)

Callison, Claud, Loyal, Okla. Milk box. 1,623,827; Apr. 5.

Camp, Percy B., Maywood, and J. Wilson, Chicago, Ill., assignors to Universal Draft Gear Attachment Co. Brake mechanism for railway cars. 1,623,304; Apr. 5.

Campbell, Charles E., assignor to Campbell Electric Company, Lynn, Mass. X-ray apparatus. 1,623,575; Apr. 5.

Campbell Electric Company. (See Campbell, Charles E., assignor.)

Campbell, George E., assignor to The Wheland Company, Chattanooga, Tenn. Chain-drive belt feed works for sawmills. 1,623,908; Apr. 5.

Campbell, Wallace W., Denver, Colo. Dry-steam sleeve-finishing board. 1,623,091; Apr. 5.

Cannaday, Charles E., Washington, D. C. Inside-door protector and gang board. 1,623,776; Apr. 5.

Caprito, S. (See Brown, Luther E., assignor.)

Carbell, Louis R., Savanna, Ill. Wrench. 1,623,945; Apr. 5.

Carpenter, Warren W., Queens, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,623,777; Apr. 5.

Carr, Matthew, Berwyn, assignor to Joseph C. Carry, Chicago, Ill. Refrigerator car. 1,623,305; Apr. 5.

Carr, Paul, Miami, Fla. Shoe. 1,623,092; Apr. 5.

Carroll, Fred M., assignor to The Tabulating Machine Company, Endicott, N. Y. Card-controlled printing machine. 1,623,163; Apr. 5.

Carroll, Fred M., assignor to The Tabulating Machine Company, Endicott, N. Y. Sensing means for perforated record cards. 1,623,164; Apr. 5.

Carry, Joseph C. (See Carr, Matthew, assignor.)

Carstensen, Theodore. (See Bang, Henry, assignor.)

Carter, S. C., Co. (See Austin, George C., assignor.)

Cassidy, Willis W., assignor to Sweet Candy Company, Salt Lake City, Utah. Candy jumping jack. 1,623,165; Apr. 5.

Castagnaro, Dominick. (See Chapin, P. P., and Kupec, assignors.)

Caswell, Fred C., assignor of one-half to L. F. Fagerstrom, Minneapolis, Minn. Combination lamp and loud speaker. 1,623,935; Apr. 5.

Cavalli, Tito L., Benicia, Calif. Pasteurizer. 1,623,909; Apr. 5.

Central Commercial Company. (See Stone, Frederick W., assignor.)

Chadwick, Charles, Brooklyn, N. Y. Tone-sustaining mechanism. 1,623,232; Apr. 5.

Champion Auto Equipment Company. (See Larson, Jonas E., assignor.)

Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,623,658; Apr. 5.

Chandler, Milton E., assignor to Stromberg Motor Devices Co., Chicago, Ill. Fuel control. 1,623,166; Apr. 5.

Chapin, Philip P., and W. J. Kupec, assignors of one-third to D. Castagnaro, New York, N. Y. Automatic egg boiler. 1,623,093; Apr. 5.

Chapman, George A. (See Andersen, F. C., Madson, and Chapman.)

Chase Foundry and Manufacturing Company, The. (See Chase, Sherwood M., assignor.)

Chase, Philip H., Bala, and W. Foster, Philadelphia, Pa.; said Foster assignor to said Chase. Rack. 1,623,864; Apr. 5.

Chase, Sherwood M., assignor to The Chase Foundry and Manufacturing Company, Columbus, Ohio. Transfer car. 1,623,828; Apr. 5.

Chattanooga Implement & Mfg. Co. (See Lancaster, Harry V., assignor.)

Chemische Fabriken Dr. Kurt Albert G. m. b. H. (See Amann, A., and Fonrobert, assignors.)

Chicago Forging & Manufacturing Company. (See Berger, Ollie J., assignor.)

Chilton, Roland, Keyport, N. J., assignor to Healey-Aeromarine Bus Company, Inc. Transmission. 1,623,306; Apr. 5.

Chipman, Andrew L., et al. (See Chipman, Harry E., assignor.)

Chipman, Harry E., Springfield, Mass., assignor to W. A. and A. L. Chipman, New York, N. Y. Talking-picture transfer mechanism. Re16,586; Apr. 5.

Chipman, William A., et al. (See Chipman, Harry E., assignor.)

Chonkich, Michael. (See Anderson, Carl M., assignor.)

Christiansen, Julius H. A., Ricketts, Iowa. Paperhanger's table. 1,623,167; Apr. 5.

Clapp, Joseph E., Auburndale, Mass. Electrical apparatus comprising a slow-wave generator. 1,623,829; Apr. 5.

Clarke, Edgar W., Hamilton, Ontario, assignor to Mercury Mills, Limited, Hamilton, Canada. Knotting mechanism for knitting machines. 1,623,233; Apr. 5.

Clarke, René, New York, N. Y., assignor to W. H. & A. E. Margerison & Co., Philadelphia, Pa., a firm composed of W. H. Margerison and A. E. Margerison. Towel. Des. 72,349; Apr. 5.

Claus, Emil L. and W. E., assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Oven heat-control device. 1,623,576; Apr. 5.

Claus, Walter E. (See Claus, Emil L. and W. E.)

Cleveland, William, et al. (See McCarthy, Joseph P., assignor.)

Clipper Belt Lacer Company. (See Diamond, James K., assignor.)

Coe, Samuel, Jersey City, N. J. Striping machine. 1,623,577; Apr. 5.

Cofrin, Austin E., Green Bay, Wis. Method and apparatus for making paper. 1,623,526; Apr. 5.

Cohn, Irwin, assignor to Irwin & Company, Inc., New York, N. Y. Toy trumpet. 1,623,168; Apr. 5.

Colby, Lawrence W., assignor of one-half to J. N. Anderson, Methuen, Mass. Glass cover for automobiles. 1,623,718; Apr. 5.

Coley, George F., assignor to American Specialty Co., Oklahoma City, Okla. Radius-rod attachment. 1,623,046; Apr. 5.

Coleman, Robert C., Wind Gap, Pa. Tire rim. 1,623,307; Apr. 5.

Colley, Fred, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Bale-tearing machine. 1,623,936; Apr. 5.

Collins, Cassius M., Bakersfield, Calif. Inclinometer. 1,623,463; Apr. 5.

Columbia Phonograph Company. (See Hadley, Walter C., assignor.)

Combustion Engineering Corporation. (See Lundgren, Edwin, assignor.)

Comerford, John, New York, assignor of one-third to M. J. Martley, Bronxville, and one-third to H. Byrne, New York, N. Y. Vent cap for soil pipes. 1,623,659; Apr. 5.

Conklin, Roscoe D. (See Rowntree, H., and Conklin.)

Connecticut Electric Manufacturing Company, The. (See Both, Tonjes A., assignor.)

Conover, Arthur V., assignor to Interflash Signal Corporation, New York, N. Y. Gas jet and igniting same. 1,623,464; Apr. 5.

Convertible Wagon Trailers Inc. (See Cooke, William H., assignor.)

Conveyors Corporation of America. (See Zimmermann, Carl F., assignor.)

Cook, L. D., Minneapolis, Minn. Adjustable frame for poster boards. 1,623,047; Apr. 5.

Cooke, William H., assignor to Convertible Wagon Trailers Inc., Buffalo, N. Y. Street flusher. 1,623,778; Apr. 5.

Cook, William J., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Producing galvanized corrugated metal pipe. 1,623,618; Apr. 5.

Cooley, Floyd S. and F. A., McHenry, Ill. Block wall and constructing same. 1,623,094; Apr. 5.

Cooley, Frederick A. (See Cooley, Floyd S. and F. A.)

Copeman Laboratories Company. (See Sherman, George B., assignor.)

Coulston, Earl V., Rock Island, Ill. Metal door construction. 1,623,334; Apr. 5.

Cowell, George H. (See Webb, Edward C., assignor.)

Crain, Robert S. (See Wilson, Robert J., assignor.)

Crawford, George E., Trenton, N. J., assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio. Kiln for glass melting and like purposes. 1,623,779; Apr. 5.

Creamer, Isaac P. (See Joseph, F., and Creamer.)

Creamery Package Mfg. Company, The. (See Williams, G. W., and Walstrom, assignors.)

Crescent Stove Works. (See Pape, Edwin W., assignor.)

Crisson, George, East Orange, N. J., and H. C. Silent, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company. Multiway connection. 1,623,095; Apr. 5.

Crocker, Clarence T., Schenectady, N. Y., assignor to General Electric Company. Fluid-pressure-operated device. 1,623,780; Apr. 5.

Cropp, Claude J., Detroit, Mich. Vehicle cab. 1,623,830; Apr. 5.

Crosby, J. D., Co. (See Crosby, Justin D., assignor.)

Crosby, Justin D., assignor to J. D. Crosby Co., Pawtucket, R. I. Finishing cold-rolled steel. 1,623,048; Apr. 5.

Crumley, Le Roy A., assignor to H. M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Lighting-fixture bracket. Des. 72,350; Apr. 5.

Crumley, Le Roy A., assignor to H. M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Lighting-fixture strap. Des. 72,351; Apr. 5.

Crumley, Le Roy A., assignor to H. M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Lighting-fixture bracket. Des. 72,352; Apr. 5.

Crumley, Le Roy A., assignor to H. M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Lighting-fixture strap. Des. 72,353; Apr. 5.

Crumley, Le Roy A., assignor to H. M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Lighting-fixture backplate. Des. 72,354; Apr. 5.

Curtis, George A., Framingham, Mass. Clinching wire nail. 1,623,465; Apr. 5.

Curtis, Harry D., Oshkosh, Wis. Snow remover. 1,623,910; Apr. 5.

Curtiss Aeroplane and Motor Company. (See Mummert, Harvey C., assignor.)

Cutter, Charles W., Long Beach, Calif. Grade indicator. 1,623,234; Apr. 5.

Cyclone Fence Company. (See Harter, Noah S., assignor.)

Dahlberg, Charles L., Des Moines, Iowa. Notebook holder. 1,623,235; Apr. 5.

Dahlstrom Metallic Door Company, The. (See Johnson, Axel Z., assignor.)

Dailey, John A., and L. W. Gerth, Burlington, Iowa. Railroad-grade crossing. 1,623,911; Apr. 5.

Dalen, Gustaf, Lidington, Stockholm, Sweden, assignor to American Gasaccumulator Company, Elizabeth, N. J. Porous mass for storing explosive gases and process of making same. 1,623,169; Apr. 5.

Dalkner, Frank, Allentown, Pa. Coat. 1,623,781; Apr. 5.

Dancker, Johann E. (See Bates, A. M., Dorr, and Dancker.)

Davidson, James, Montreal, Quebec, Canada. Draining rack for containers. 1,623,392; Apr. 5.

Davies, David B., and C. J. Thomas, Green Bay, Wis. Slice for paper machines. 1,623,096; Apr. 5.

Davis, Merritt J., Wellsburg, W. Va. Bag-valve-forming mechanism. 1,623,170; Apr. 5.

Day, J. H., Company, The. (See Moores, Joel, assignor.)

Day, L. B. (See Scott, Nelson H., assignor.)

Day, Thurman L., Indianapolis, Ind. Headlight glare-shield. 1,623,831; Apr. 5.

Dayton Paper Novelty Company, The. (See Neumann, Theodore L., assignor.)

Dayton Scale Company. (See Strachan, Thomas H., assignor.)

Dayton-Wright Company. (See Kettering, Charles F., assignor.)

Dean, James S., Sacramento, Calif. Convertible auditorium. 1,623,619; Apr. 5.

De Bonis, Michael, Abbotsford, British Columbia, Canada. Staple. 1,623,335; Apr. 5.

De Corse, Charles F. (See Gocke, J. B., and De Corse.)

De Doory, Ladislaus, New York, N. Y. Shirt board. Des. 72,355; Apr. 5.

Deer, Atlee C., Chattanooga, Tenn. Discharging device for rotary cylinders. 1,623,527; Apr. 5.

De Felice, Frank. (See Lenhardt, Lawrence, assignor.)

De Grahl, Gustav, Berlin-Zehlendorf-West, Germany. Feed valve for locomotives. 1,623,660; Apr. 5.

De Loache, George W., assignor to The Larkin Automotive Parts Company, Dayton, Ohio. Fitting for quick-detachable coupling. 1,623,097; Apr. 5.

Demand, Joseph, New York, N. Y., assignor, by mesne assignments, to All Clear Windshields, Inc., Boston, Mass. Windshield wiper. 1,623,308; Apr. 5.

De Moos, Charles, Fort Lee, N. J., assignor to Eastman Kodak Company, Rochester, N. Y. Process and apparatus for treating film. 1,623,528; Apr. 5.

Dent, Leonard M. E., and A. Mackenzie, London, and J. White, Sunningdale, England. Golf tee. 1,623,782; Apr. 5.

Denver Rock Drill Manufacturing Company. (See Gustafson, Hjalmer C., assignor.)

De Olaneta, Harold, assignor to Winchester Repeating Arms Company, New Haven, Conn. Dry cell. 1,623,719; Apr. 5.

De Roo, William C., assignor to The Dreses Machine Tool Company, Cincinnati, Ohio. Friction clutch. 1,623,236; Apr. 5.

Detroit Dental Manufacturing Company. (See Kerr, Robert M., assignor.)

Deverall, Charles N., Buffalo, assignor to Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N. Y. Contact block for electric organs and the like. 1,623,098; Apr. 5.

Dewey & Almy Chemical Company. (See Dewey, B., and Miller, assignors.)

Dewey, Bradley, Cambridge, Mass., and T. T. Miller, Orange, N. J., assignors to Dewey & Almy Chemical Company, Cambridge, Mass. Apparatus for applying lining material to covers. 1,623,529; Apr. 5.

Diamond Expansion Bolt Company. (See Hubener, William A., assignor.)

Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Fastener-setting machine. 1,623,783; Apr. 5.

Diamond State Fibre Company. (See Taylor, John M., assignor.)

Dicely, Lee W., Richmond, assignor, by mesne assignments, to Standard Oil Company of California, San Francisco, Calif. Can pairing and incasing machine. 1,623,393; Apr. 5.

Diener, Geo. W., Mfg. Co. (See Waggoner, Albert E., assignor.)

Dieter, William, Newark, N. J. Automobile torpedo. 1,623,099; Apr. 5.

Di Martino, Carmelo, and E. Lindquist, Paterson, N. J. Coin-controlled mechanism. 1,623,466; Apr. 5.

Dinhofer, Julius, New York, N. Y. Watchcase. Des. 72,356; Apr. 5.

Dinhofer, Julius, New York, N. Y. Watchcase. Des. 72,357; Apr. 5.

Dinhofer, Julius, New York, N. Y. Watchcase. Des. 72,358; Apr. 5.

Dinhofer, Julius, New York, N. Y. Watchcase. Des. 72,359; Apr. 5.

Dinhofer, Julius, New York, N. Y. Watchcase. Des. 72,360; Apr. 5.

District of Columbia Paper Manufacturing Company. (See Smith, D. A., and Stirling, assignors.)

Dodd, James A., Lexington, Ky. Gate. 1,623,394; Apr. 5.

Dodge, Waldo C., Winthrop, Mass. Smoking appliance. 1,623,661; Apr. 5.

Dodman, Alfred C., jr., Summit, N. J. Preparing wall covering. 1,623,620; Apr. 5.

Doherty Research Company. (See Borden, Edmund G., assignor.)

Dolan, Francis M., St. Paul, Minn. Slicing board. 1,623,100; Apr. 5.

Dominick, Theodore, Wenatchee, Wash. Subsoil ditcher. 1,623,530; Apr. 5.

Donay, Joseph, Cleveland, Ohio. Combination curtain and shade holder. 1,623,578; Apr. 5.

Doncheff, Demetre, East St. Louis, Ill. Airship. 1,623,805; Apr. 5.

Dorr, George P. (See Bates, A. M., Dorr, and Dancker.)

Dörr, Wilhelm E. (See Baumeister, H., Dörr, and Hürtle.)

Dorsey, Farnum F., assignor to North East Electric Company, Rochester, N. Y. Fuel-supply system. 1,623,049; Apr. 5.

Dorton, John M., Bonner Springs, Kans. Dirigible headlight. 1,623,395; Apr. 5.

Doser, Theodore, St. Anthony, Iowa. Collapsible roost. 1,623,171; Apr. 5.

Dover, George W., Longmeadow, R. I., assignor to The Montgomery Tool and Machinery Company. Knurling tool. 1,623,662; Apr. 5.

Dowling, Francis J., New York, N. Y. Doorlock. 1,623,579; Apr. 5.

Draver, Emil R., Richmond, Ind. Exhaust cut-out. 1,623,580; Apr. 5.

Dreses Machine Tool Company, The. (See De Roo, William C., assignor.)

Dubilier Condenser Corporation. (See Warren, Robert M., assignor.)

Dubilier, William, New York, N. Y. Method and apparatus for interrupting electrical circuits. 1,623,531; Apr. 5.

Dudas, Andrew, and A. P. Wasil, Homestead, Pa. Safety pin. 1,623,532; Apr. 5.

Dudas, Andrew, and A. P. Wasil, Homestead, Pa. Safety pin with bayonet point. 1,623,533; Apr. 5.

Duhamel, Francois X A., Ottawa, Ontario, Canada. Camera. 1,623,534; Apr. 5.

Dunbar, Francis W., Chicago, Ill., assignor, by mesne assignments, to Kellogg Switchboard & Supply Co. Telephone system. 1,623,336; Apr. 5.

Dunbar, Francis W., Chicago, Ill., assignor, by mesne assignments, to Kellogg Switchboard & Supply Company. Telephone-exchange system. 1,623,337; Apr. 5.

Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Printing machine. 1,623,396; Apr. 5.

Dunlap, Ralph S., Chicago, Ill. Saucepan. 1,623,397; Apr. 5.

Dunn, Patrick P., and G. Shoenfeld, Great Falls, Mont. Typewriter-key remover. 1,623,912; Apr. 5.

Dunnock, John L., and C. R. Nixon, Baltimore, Md. Apparatus for removing waste glass from blowpipes. 1,623,581; Apr. 5.

Dunston, Wayne E., assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Bumper. 1,623,398; Apr. 5.

Du Pont, E. I., de Nemours & Company. (See Jacobs, Charles B., assignor.)

Durant, John D., assignor to The Schaap-Durant Control Corporation, New York, N. Y. Indicator for fuel supply tanks and the like. 1,623,832; Apr. 5.

Duro Company, The. (See Eisenhauer, Charles P., assignor.)

Dürr, Ludwig, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Gas-cell protection for airships. 1,623,663; Apr. 5.

Dwight, Ralph W. (See Frick, C. A., and Dwight.)

Dyer, Harry W., New York, N. Y. Child's vehicle. Des. 72,361; Apr. 5.

Eastman Kodak Company. (See Baybutt, R., and Farrow, assignors.)

Eastman Kodak Company. (See Bent, Walter G., assignor.)

Eastman Kodak Company. (See De Moos, Charles, assignor.)

Eastman Kodak Company. (See Meyering, Bernard H., assignor.)

Eastman Kodak Company. (See Sheppard, S. E., and Punnett, assignors.)

Eastman Kodak Company. (See Sheppard, S. E., and Sweet, assignors.)

Eastman Kodak Company. (See Tessier, Julien, assignor.)

Eastman Kodak Company. (See Wittel, Otto, assignor.)

Eberle, Anton. (See Jones, W. H., and Eberle.)

Eckart, George F., Cincinnati, Ohio, assignor, by mesne assignments, to J. M. Zane, Chicago, Ill. Flexible coupling. 1,623,582; Apr. 5.

Eckles, Noble, assignor of three-fourths to L. W. Rhode, San Diego, Calif. Vacuum fuel system for carburetors. 1,623,237; Apr. 5.

Echols, Francis G., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Rotary cutting tool. 1,623,953; Apr. 5.

Econom, Louis G., North Plainfield, N. J. Portable reciprocating power saw. 1,623,309; Apr. 5.

Edwards, Donald V., Troy, N. Y., assignor to Pittsburgh Transformer Company. Corrugating machine. 1,623,467; Apr. 5.

Egenhoff, William D., Maricopa, Calif. Pressure-relief mechanism for wells. 1,623,866; Apr. 5.

Eisenberg, M., & Son. (See Crumley, Le Roy A.)

Eisenhauer, Charles P., assignor to The Duro Company, Dayton, Ohio. Water-softening apparatus. 1,623,399; Apr. 5.

Electric Vacuum Cleaner Company. (See Lang, Henry T., assignor.)

Ellett, Luther S., Milburn, Okla. Spark plug. 1,623,468; Apr. 5.

Elliott, Elizabeth S. G., New York, N. Y., assignor to W. H. & A. E. Margerison & Co., Philadelphia, Pa., a firm composed of W. H. and A. E. Margerison. Towel. Des. 72,362; Apr. 5.

Ellis, J. William. (See Ferguson, Lyman H., assignor.)

Ellis, Stuart, Fredericksburg, Va. Irrigated and ventilated flower box. 1,623,720; Apr. 5.

Emrick, Frank W., Buchanan, Iowa. Chain. 1,623,172; Apr. 5.

Englund, Edwin H. L., assignor of one-third to S. M. Peterson and one-third to H. M. Peterson, Muskegon Heights, Mich. Tricycle. 1,623,400; Apr. 5.

Erickson, Albert O., assignor of one-half to K. Wold, Jasper, Minn. Spring tool. 1,623,401; Apr. 5.

Ernst, Harry J., assignor to The D. T. Williams Valve Company, Cincinnati, Ohio. Valve structure and locking device. 1,623,867; Apr. 5.

Erskine-Danforth Corporation. (See Erskine, Ralph C., assignor.)

Erskine, Ralph C., Stamford, Conn., assignor to Erskine-Danforth Corporation. Table. Des. 72,363; Apr. 5.

Eschbach, Wilhelm, Troisdorf, Germany. Explosive cap. 1,623,664; Apr. 5.

Etablissements Poulenc Frères. (See Vigreux, Charles, assignor.)

Evalet, Emil, Alliance, Ohio. Swing. 1,623,913; Apr. 5.

Evans, Edward S. (See Harry, Earl L., assignor.)

Everist, Charles T. (See Sieber, Jacob, assignor.)

Fageol, Rollie B., Los Angeles, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn. Parallel-bar bumper. 1,623,583; Apr. 5.

Fageol, Rollie B., Los Angeles, Calif., assignor to American Chain Company, Inc. Spacer clamp for bumpers. 1,623,584; Apr. 5.

Fagerstrom, Lawrence F. (See Caswell, Fred C., assignor.)

Fahrenwald, Frank A., Chicago Heights, Ill. Metallurgical furnace. 1,623,469; Apr. 5.

Farrel Foundry & Machine Company. (See Bowen, D. R., and Schnuck, assignors.)

Farrow, Edward S., jr. (See Baybutt, R., and Farrow.)

Fay, Carl J., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Waffle iron. Des. 72,364; Apr. 5.

Fay, Richard D., Nahant, and E. Wolf, assignors, by mesne assignments, to H. V. Hayes, trustee, Boston, Mass. Method and apparatus for producing alternating currents. 1,623,665; Apr. 5.

Fayle, Charles E., Montreal, Quebec, assignor to J. E. Ward, Montreal, Canada. Sign. 1,623,585; Apr. 5.

Feltenstein, Harry M. (See Crumley, Le Roy A., assignor.)

Ferguson, Andrew D. (See Blevin, F. L., and Ferguson.)

Ferguson, Charles, Spokane Wash. Attachment for beverage mixers. 1,623,535; Apr. 5.

Ferguson, Lyman H., Ithaca, assignor to J. W. Ellis, Buffalo, N. Y. Combined tire carrier and rim remover. 1,623,914; Apr. 5.

Ferkel, Karl A., Los Angeles, Calif. Temperature-indicating means. 1,623,666; Apr. 5.

Finch, Edward R. (See Smith, E. A., and Finch.)

Finckh, Dr., Apparate-Gesellschaft m. b. H. (See Ritter, Heinrich, assignor.)

Fischer, Hermann, New York, N. Y. String musical instrument. 1,623,667; Apr. 5.

Fischer, Joseph, assignor to F. Meyer, Redelm, S. Dak. Marine propeller. 1,623,868; Apr. 5.

Fisher, John W., Blackpool, England. Carburetor. 1,623,668; Apr. 5.

Fisher, Oliver W., East Baton Rouge, La. Lubricant pump. 1,623,101; Apr. 5.

Fisk Rubber Company, The. (See Hennessy, Daniel E., assignor.)

Fletcher, Archie R. (See Smyser, Elmer D., assignor.)

Flexo-Industrie-Gesellschaft m. b. H. (See Sauveur, Harry, assignor.)

Florey, Edward C., assignor of one-half to C. E. Sturges, San Jose, Calif. Air intake for internal-combustion engines. 1,623,721; Apr. 5.
Fonda, Gorton R., Schenectady, N. Y., assignor to General Electric Company. Incandescent filament. 1,623,784; Apr. 5.
Fonrobert, Ewald. (See Amann, A., and Fonrobert.)
Forfar, Donald, Minneapolis, Minn. Backwater valve. 1,623,586; Apr. 5.
Forman, Paris R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Electrically-controlled door-operating apparatus. 1,623,173; Apr. 5.
Forman, Paris R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Door-operating system for one-man cars. 1,623,174; Apr. 5.
Fossen, Arthur B., Spokane, Wash. Roof construction. 1,623,102; Apr. 5.
Foster, Charles E., Letchworth, England. Measuring instrument. 1,623,915; Apr. 5.
Foster Machine Company. (See McKean, John O., assignor.)
Foster, William. (See Chase, P. H., and Foster.)
Frank, John G., Buffalo, N. Y. Magnet-power-transmission gearing. 1,623,669; Apr. 5.
Frankenfeld, Leo, Hoboken, N. J. Exercising apparatus. 1,623,670; Apr. 5.
Frankenfeld, Leo, Hoboken, N. J. Exercising apparatus. 1,623,671; Apr. 5.
Franklin, William S., Cambridge, Mass. Pump and internal-combustion engine therefor. 1,623,402; Apr. 5.
Frantz Manufacturing Company. (See Frantz, Peter, assignor.)
Frantz, Peter, assignor to Frantz Manufacturing Company, Sterling, Ill. Padlock-hasp device. 1,623,050; Apr. 5.
Fraser, Frank, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Multiple-sheet-flowing apparatus. 1,623,051; Apr. 5.
Frederick, Rheuel H., Irvington, N. J., assignor of two-fifths to C. F. Ames, Brooklyn, and one-fifth to A. H. E. Berchem, New York, N. Y. Vacuum-producing apparatus. 1,623,103; Apr. 5.
Frederick, Rheuel H., Irvington, N. J., assignor of two-fifths to C. F. Ames, Brooklyn, and one-fifth to A. H. E. Berchem, New York, N. Y. Centrifugal pump. 1,623,104; Apr. 5.
Frederickson, Otto A., Wethersfield, assignor to The American Wiremold Company, Hartford, Conn. Outlet box. 1,623,587; Apr. 5.
Frick, Chester A., assignor to Glascock Brothers Manufacturing Company, Muncie, Ind. Corrugating machine. 1,623,916; Apr. 5.
Frick, Chester A., assignor to Glascock Brothers Mfg. Company, Muncie, Ind. Bottle refrigerator. 1,623,947; Apr. 5.
Frick, Chester A., and R. W. Dwight, assignors to Glascock Brothers Manufacturing Company, Muncie, Ind. Automobile body. 1,623,946; Apr. 5.
Friedel, Otto B., Obersachsenberg, Germany. Musical instrument. 1,623,175; Apr. 5.
Friedrich, Robert F., assignor to Weber & Friedrich, Inc., Philadelphia, Pa. Stocking. Des. 72,365; Apr. 5.
Friel, John J., Tulsa, Okla. Oil saver. 1,623,403; Apr. 5.
Frilli, Ugo. (See Pintacuda, C., and Frilli.)
Fristad, Carl G., Mandan N. Dak. Sickle holder. 1,623,536; Apr. 5.
Frolking, Stanley A., Cleveland, assignor to Brilliant Glass Products, Inc., Brilliant, Ohio. Bathroom fixture. Des. 72,366; Apr. 5.
Frolking, Stanley A., Cleveland, assignor to Brilliant Glass Products, Inc., Brilliant, Ohio. Bathroom fixture. Des. 72,367; Apr. 5.
Frost, Thomas H., and P. Heymans, Brookline, Mass. Dynamometer gauge. 1,623,238; Apr. 5.
Fry, H. C., Glass Company. (See Brenner, Ralph F., assignor.)
Fuller, Frederick L., Ilion, N. Y., assignor to Remington Arms Company, Inc. Cash register. 1,623,722; Apr. 5.
Fuller, Truman S., Schenectady, N. Y., assignor to General Electric Company. Nickel alloy. 1,623,948; Apr. 5.
Funderburk, Otis C., Boston, Mass. Valve for internal-combustion engines. 1,623,176; Apr. 5.
Funderburk, Otis C., Boston, Mass. Valve for internal-combustion engines. 1,623,177; Apr. 5.
Galbreath, Edwin B., Long Beach, Calif. Hydraulic pump and system. 1,623,239; Apr. 5.
Gamble, David E., assignor to The Borg & Beck Company, Chicago, Ill. Friction clutch. 1,623,470; Apr. 5.
Garey, Raymond M. (See Henwood, Abraham, assignor.)
Garrard, Charles G., London, England. Transmission of power. 1,623,052; Apr. 5.
Gaudian, William F., Dallas, Tex. Wall construction. 1,623,917; Apr. 5.
Gearhart, Lewis E., Marietta, Ohio. Building-block mold. 1,623,178; Apr. 5.
Gegenheimer, William, Baldwin, and E. E. Barney, Port Washington, N. Y. Apparatus for cleaning cylinders of offset and other presses. 1,623,723; Apr. 5.
Geis, Walter A., Midvale, Ohio. Pipe-cutting device. 1,623,833; Apr. 5.
General Electric Company. (See Brown, C. A., and Van Sickle, assignors.)
General Electric Company. (See Crocker, Clarence T., assignor.)
General Electric Company. (See Fonda, Gorton R., assignor.)
General Electric Company. (See Fuller, Truman S., assignor.)
General Electric Company. (See Gräner, Ladislaus P., assignor.)
General Electric Company. (See Hilliard, John D., assignor.)
General Electic Company. (See Hoxie, Charles A., assignor.)
General Electric Company. (See Hundt, Albert, assignor.)
General Electric Company. (See King, Terry T., assignor.)
General Electric Company. (See Murphy, Edwin J., assignor.)
General Electric Company. (See Paul, William E., assignor.)
General Electric Company. (See Skaupy, Franz, assignor.)
General Electric Company. (See Van Amburg, Otto H., assignor.)
General Electric Company. (See Way, Alva O., assignor.)
General Electric Company. (See Wilkinson, James, assignor.)
General Fire Extinguisher Company. (See Hoffman, Herbert E., assignor.)
General Motors Corporation. (See Himes, Howard P., assignor.)
General Motors Corporation. (See Minch, Walter B., assignor.)
General Motors Corporation. (See Taub, Alex, assignor.)
Germain, Albert A., et al., trustees. (See Germain, Edward F., assignor.)
Germain, Edward F., et al., trustees. (See Germain, Edward F., assignor.)
Germain, Edward F., Saginaw, Mich., assignor to L. Germain, jr., A. A. Germain, and J. Heidenkamp, Pittsburgh, Pa., and E. F. Germain, Saginaw, Mich., trustees. Making fibrous composition and articles produced therefrom. 1,623,588; Apr. 5.
Germain, Louis, jr., et al., trustees. (See Germain, Edward F., assignor.)
Gerns, William H., East Orange, assignor to Brandes Laboratories, Inc., Newark, N. J. Cone type loud speaker. Des. 72,368; Apr. 5.
Gerth, Lewis W. (See Dailey, J. A., and Gerth.)
Giardino, Joachim, West New York, N. J. Tension device for the harness of looms. 1,623,105; Apr. 5.
Giblin, Marc A. (See Rodgers, T. T., Giblin, and Moore.)
Gibson, Earl S. (See Williams, S. B., and Gibson.)
Gilbert, Lovic R. (See Blackston, Edward A., assignor.)
Gilderdale, Charles W. (See Baker, G. R., Prescott, and Gilderdale.)
Gildersleeve, John H., Corona, N. Y. Demountable interlocking rim for vehicle tires. 1,623,834; Apr. 5.
Gillen, George A., Jersey City, N. J., assignor to Gillen Laboratories Corporation, Elmhurst, N. Y. Sound-reproducer mounting. 1,623,785; Apr. 5.
Gillen Laboratories Corporation. (See Gillen, George A., assignor.)
Gilman, Arthur S. (See Strawn, Ervin E., assignor.)
Giraldi, Armando, East Braintree, Mass. Muscle exerciser. 1,623,869; Apr. 5.
Girard, Henry A., Hartford, Conn. Automotive tool. 1,623,786; Apr. 5.
Giri, Christian, assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Automobile bumper. 1,623,404; Apr. 5.
Gizewski, John, assignor of one-half to J. J. Klimoski, Denver, Colo. Headlight-control switch. 1,623,937; Apr. 5.
Glascock Brothers Mfg. Company. (See Frick, Chester A., assignor.)
Glascock Brothers Manufacturing Company. (See Frick, Chester A., assignor.)
Glascock Brothers Manufacturing Company. (See Frick, C. A., and Dwight, assignors.)
Glenister, Annie, Epsom, England. Spring roller for blinds and screens. 1,623,835; Apr. 5.
Gocke, James B., and C. F. De Corse, Los Angeles, Calif.; said De Corse, assignor to said Gocke. Pipe straightener. 1,623,405; Apr. 5.
Goetz, Oscar H., Springfield, Mass., assignor to American Chain Company, Inc. Automobile bumper. 1,623,471; Apr. 5.
Goldberg, Samuel, New York, N. Y. Horn. 1,623,106; Apr. 5.
Goldsmith Metal Lath Company, The. (See Goldsmith, William M., assignor.)
Goldsmith, William M., assignor to The Goldsmith Metal Lath Company, Cincinnati, Ohio. Tie and spacing means for plastic construction. 1,623,338; Apr. 5.
Goldstein, Charles, Chicago, Ill. Binder. 1,623,339; Apr. 5.
Goodgame, Allen, Rexford, Mont. Fishhook. 1,623,870; Apr. 5.
Goodrich, Coy C., San Francisco, Calif. Lubricating system. 1,623,240; Apr. 5.
Goodyear Tire & Rubber Company, The. (See Beebe, Paul, assignor.)

Goodyear Tire & Rubber Company, The. (See Colley, Fred, assignor.)
Goodyear Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
Goodyear Tire & Rubber Company, The. (See Stephens, William, assignor.)
Goodyear Tire & Rubber Company, The. (See Zimmerman, Charles H., assignor.)
Goodyear-Zeppelin Corporation. (See Klemperer, Wolfgang B., assignor.)
Goodyear's Metallic Rubber Shoe Company, The. (See Randall, C. J., and Wurtenberg, assignors.)
Goodykoontz, Albert M., Harlingen, Tex. Gasoline receptacle. 1,623,107; Apr. 5.
Gormley, Frank L., Brookline, Mass., assignor to The Buda Company, Harvey, Ill. Operating mechanism for lifting jacks. 1,623,108; Apr. 5.
Gould, George, Olney, Ill. Mop. 1,623,672; Apr. 5.
Granath, Joseph D., Chicago, Ill. Internal-combustion engine. 1,623,589; Apr. 5.
Gräner, Ladislaus P., New York, N. Y., assignor, by mesne assignments, to General Electric Company. Metal cap for electric incandescent lamps and its manufacture. 1,623,836; Apr. 5.
Grasselli Dyestuff Corporation. (See Herz, R., and Müller, assignors.)
Grasselli Dyestuff Corporation. (See Herz, R., and Schulte, assignors.)
Grebe, Alfred H., Hollis, N. Y. Radio receiving apparatus. 1,623,918; Apr. 5.
Green, Arthur, Coventry, England. Refrigeration and cold storage. 1,623,871; Apr. 5.
Greenfield Tap and Die Corporation. (See Echols, Francis G., assignor.)
Greenstreet, Charles J., Chicago, Ill., assignor to American Coalinoil Corporation, New York, N. Y. Fuel and producing same. 1,623,241; Apr. 5.
Greer, Edward R., assignor to Trail-It Company, Minneapolis, Minn. Tractor hitch. 1,623,179; Apr. 5.
Greiwe, Hugo F. (See Kelley, E. H., Greiwe, and Hoskin.)
Griscom-Russell Company, The. (See Sebald, Leslie E., assignor.)
Groove-Lock Co. (See Zeindlhofer, Anton, sr., assignor.)
Grose, Frank E., Coburg, Victoria, Australia. Jig-saw machine. 1,623,673; Apr. 5.
Gruber, Joseph, Sioux Falls, S. Dak. Heater and purifier. 1,623,242; Apr. 5.
Gubelmann, Ivan, H. J. Weiland, and O. Stallman, South Milwaukee, Wis., assignors to The Newport Company. Making guaiacol. 1,623,949; Apr. 5.
Gulf Oil Burner Company. (See Buerger, Charles B., assignor.)
Gunnison, John H., Madison, Wis. Mixer. 1,623,590; Apr. 5.
Gurney, Erving R., Beechhurst, assignor to International Motor Company, New York, N. Y. Indicating device. 1,623,472; Apr. 5.
Gurney, Erving R., Beechhurst, assignor to International Motor Company, New York, N. Y. Cushion support for radiators. 1,623,473; Apr. 5.
Gustafson, Charles J., assignor to Stromberg Motor Devices Company, Chicago, Ill. Carburetor. 1,623,180; Apr. 5.
Gustafson, Hjalmer C., assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo. Tool retainer. Re16,587; Apr. 5.
Gutierrez, Alphonso J., Detroit, Mich. Movable-sign exhibitor. 1,623,837; Apr. 5.
Haas, Philip, Dayton, Ohio. Flushing-valve mechanism. 1,623,109; Apr. 5.
Hadley, Walter C., New York, N. Y., assignor, by mesne assignments, to Columbia Phonograph Company, Inc., Bridgeport, Conn. Phonograph record. Re16,588; Apr. 5.
Hage, Rudolf A., Gottenborg, Sweden. Coupling. 1,623,110; Apr. 5.
Hagen, Louis, Jersey City, N. J. Supporting attachment for clotheslines. 1,623,919; Apr. 5.
Hagestedt, Henry, Chicago, Ill. Cashier's robbery protector. 1,623,674; Apr. 5.
Hale, William E., Walpole, assignor to Bird & Son, Inc., East Walpole, Mass. Roofing. 1,623,474; Apr. 5.
Hall, Richard E., assignor to Seaman Container Manufacturing Corporation, Olean, N. Y. Pulp-pressing head. 1,623,111; Apr. 5.
Hall, William H., assignor to The Pedlar People Limited, Oshawa, Canada. Corrugated pipe or culvert. 1,623,112; Apr. 5.
Hammond, John H., jr. (See Murray, Albert F., assignor.)
Hammond, John H., jr., Gloucester, Mass. Detonator-control mechanism. 1,623,475; Apr. 5.
Hancock, William L., assignor to The Murray Company, Dallas, Tex. Huller and opener. 1,623,181; Apr. 5.
Hand, Erle H., New Britain, Conn. Height-measuring device. 1,623,406; Apr. 5.
Hanna, Clinton R. (See Slepian, J., and Hanna.)
Hansen, Edward R. (See Hawkins, B. H., and Hansen.)
Hanson, Bengt M. W., deceased, Hartford, Conn.; E. A. Hanson and C. E. Whitney, executors. Apparatus for and method of truing abrasive screws. 1,623,113; Apr. 5.
Hanson, Einar A., et al., executors. (See Hanson, Bengt M. W.)
Hanson, Hugo H., assignor to Tarratine Manufacturing Co. Inc., Bangor, Me. Soap compound and making the same. 1,623,340; Apr. 5.
Hare, Charles N., Lima, Ohio. Ocean compressed-air power. 1,623,341; Apr. 5.
Harrington, John H., Baie D'Urfe, Quebec, assignor of one-third to G. W. Robb, Montreal, Quebec, Canada. Treatment of water. 1,623,342; Apr. 5.
Harris, Frank C., Brighton, Mass., assignor to The American Monorail Company, Cleveland, Ohio. Electrified monorail system. 1,623,920; Apr. 5.
Harris, Howard B. (See Butcher, J. E., and Harris.)
Harrod, Lewis C., Long Island, N. Y. Self-adjusting packing for pistons. 1,623,407; Apr. 5.
Harry, Earl L., Pontiac, assignor to E. S. Evans, Detroit Mich. Motor-vehicle transmission mechanism. 1,623,724; Apr. 5.
Harry, Earl L., Pontiac, assignor to E. S. Evans, Detroit Mich. Transmission mechanism for motor vehicles. 1,623,725; Apr. 5.
Hart, Harry S., Chicago, Ill. Car construction. 1,623,591; Apr. 5.
Hart, Harry S., Chicago, Ill. Car construction. 1,623,592; Apr. 5.
Harter, Noah S., assignor to Cyclone Fence Company, Waukegan, Ill. Coating wire fabric. 1,623,593; Apr. 5.
Harter, Sherman, assignor to The New Method Stov Company, Mansfield, Ohio. Oven-door structure. 1,623,408; Apr. 5.
Hartmann Trunk Company. (See Rasmussen, Martin, assignor.)
Harvey, Arthur R., Middletown, Ohio. Device for determining moisture percentage in a web, and roll construction therefor. 1,623,675; Apr. 5.
Harvey, Redge, and A. P. Washlake, Detroit, Mich. Dishwashing machine. 1,623,182; Apr. 5.
Haskell, Parker B., et al. (See Pohle, Walter B., assignor.)
Haug, Anton J., Nashua, N. H. Method of and apparatus for working paper stock. 1,623,676; Apr. 5.
Haugland, Richard C., Jackson, Minn. Harrow. 1,623,114; Apr. 5.
Hawkins, Bert H., Royal Oak, and E. R. Hansen, Detroit, assignors to McCord Radiator & Mfg. Co., Detroit, Mich. Machine for beading radiator fins. 1,623,594; Apr. 5.
Hayes, Hammond V., trustee. (See Fay, R. D., and Wolf, assignors.)
Haynes, Charles V., Ardmore, Pa., assignor to Hoffman Specialty Company, Waterbury, Conn. Steam-impelled motive apparatus. 1,623,243; Apr. 5.
Haynes, Bessie E., Washington, D. C. Hair waver. 1,623,838; Apr. 5.
Healey-Aeromarine Bus Company. (See Chilton, Roland, assignor.)
Heidenkamp, Joseph, et al., trustees. (See Germain, Edward F., assignor.)
Heintz, James C., Lakewood, Ohio. Vulcanizing apparatus. 1,623,677; Apr. 5.
Hempen, Fred J., and O. Lipsmeier, Aviston, Ill. Receptacle and handle therefor. 1,623,409; Apr. 5.
Hemphill Co. (See Lawson, Robert H., assignor.)
Hennessy, Daniel E., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Vulcanization. 1,623,183; Apr. 5.
Hensley, Kellis S., Wanego, W. Va. Electrically-controlled cut-out. 1,623,115; Apr. 5.
Henwood, Abraham, Cynwyd, assignor, by mesne assignments, to R. M. Garey, Willow Grove, Pa. Preparation of hydrogen sulphide. 1,623,942; Apr. 5.
Herds, Edwin, New York, N. Y. Motor vehicle. 1,623,726; Apr. 5.
Herz, Richard, and F. Schulte, Frankfort-on-the-Main, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y. Producing 1.8-hydroxynaphthoic acid. 1,623,678; Apr. 5.
Herz, Richard, Frankfort-on-the-Main, and J. Müller, Hanau-on-the-Main, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y. Green blue to green vat dyestuffs of the thioindigo series. 1,623,410; Apr. 5.
Heuring, Fred H., Niagara, Wis. Grinder shaft. 1,623,116; Apr. 5.
Heyman, Fred M. (See Wishnevsky, Leo B., assignor.)
Heymans, Paul. (See Frost, T. H., and Heymans.)
Hiering, William C., assignor to J. E. Mergott Co., Newark, N. J. Combined bag clasp and catch. 1,623,595; Apr. 5.
Higgins, John J. (See Madden, H. D., and Higgins.)
Hill, Luther, Los Angeles, Calif. Antirattle window lock. 1,623,343; Apr. 5.
Hill, William W., Duquesne, Pa. Apparatus for treating steel. 1,623,537; Apr. 5.
Hilliard, John D., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 1,623,787; Apr. 5.
Hills, Harry B., assignor to Steward Davit & Equipment Corporation, New York, N. Y. Drain device for lifeboats. 1,623,727; Apr. 5.
Hilsinger, Adin W., Orange, N. J., assignor to Henry Brady, Inc. Paper-box guiding and conveying mechanism. 1,623,310; Apr. 5.
Himes, Howard P., assignor of one-half to General Motors Corporation, Detroit, Mich. Electric arc-welding apparatus. 1,623,344; Apr. 5.

Hinde, James J., Sandusky, Ohio. Manufacturing insulating and plaster board from cornstalks. 1,623,184; Apr. 5.

Hinde, James J., Sandusky, Ohio. Railway tie. 1,623,185; Apr. 5.

Hobart Manufacturing Company. (See Akers, Milton K., assignor.)

Hochriem, Gustav F., assignor to Rhodes-Hochriem Manufacturing Co., Chicago, Ill. Coin selector. 1,623,186; Apr. 5.

Hodecker, Wilhelm, Ilmenau, Germany. Manufacturing double-walled glass vessels. 1,623,311; Apr. 5.

Hoffman, Herbert E., assignor to General Fire Extinguisher Company, Providence, R. I. Automatic mixing and discharging system for plural liquids. 1,623,476; Apr. 5.

Hoffman, Michael, Los Angeles, Calif. Transmission-band-operating device. 1,623,312; Apr. 5.

Hoffman Specialty Company. (See Haynes, Charles V., assignor.)

Holland, Frank, Poplar Bluff, Mo. Plotting square. 1,623,117; Apr. 5.

Holmes, Frank E., assignor to Bloomfield-Holmes Corporation, Pasadena, Calif. Compressor. 1,623,596; Apr. 5.

Holmes, Harry A., Aurelia, Iowa. Mechanical movement. 1,623,872; Apr. 5.

Holmes, Ralph C., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,623,729; Apr. 5.

Hooper, John E., Milford, Mass. Shoe rack. 1,623,244; Apr. 5.

Hooton, Gordon B., Grand Rapids, Mich. Oil-purifying system. 1,623,728; Apr. 5.

Hoover Company, The. (See Hoover, Howard E., assignor.)

Hoover, Howard E., Chicago, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction sweeper. Re16,585; Apr. 5.

Hopkins, Nevil M., New York, N. Y., assignor to National Carbon Company, Inc. Electrical apparatus and core therefor. 1,623,345; Apr. 5.

Hopkins, Roy S., Parkersburg, W. Va. Automatically-focusing camera. 1,623,538; Apr. 5.

Horni, Paul P., Newark, N. J. Closure. 1,623,477; Apr. 5.

Horten, Alphons, Berlin Wilmersdorf, Germany. Apparatus for forming concrete pipes. 1,623,539; Apr. 5.

Horton, Ralph, New York, N. Y. Milk transfer system. 1,623,313; Apr. 5.

Hoskin, Fred E. (See Kelley, E. H., Greiwe, and Hoskin.)

Hosier, Grace B., Reedsburg, Wis. Hot-dish lifter. 1,623,679; Apr. 5.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Closing containers. 1,623,245; Apr. 5.

Howard, Frank A., and J. R. Wright, Elizabeth, N. J., assignors to Standard Development Company, New York, N. Y. Controlling combustion in internal-combustion engines. 1,623,053; Apr. 5.

Howell, George M., Northumberland, Pa. Automatic control for motor vehicles. 1,623,921; Apr. 5.

Hoxie, Charles A., Schenectady, N. Y., assignor to General Electric Company. Photographic-developing apparatus. 1,623,788; Apr. 5.

Hruska, Frank J., assignor to Le Febure Ledger Company, Cedar Rapids, Iowa. Loose-leaf binder. 1,623,314; Apr. 5.

Hubener, William A., assignor to Diamond Expansion Bolt Company, New York, N. Y. Toggle and method. 1,623,789; Apr. 5.

Hudson, John, Brooklyn, N. Y. Air-circulating system for cargo vessels. 1,623,922; Apr. 5.

Huebsch, Joseph, Milwaukee, Wis. Universal ironing machine. 1,623,187; Apr. 5.

Hueckler, Rudolf. (See Sears, F. W., and Buck, assignors.)

Hilerttle, Karl, Akron, Ohio, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Outer cover of rigid airships. 1,623,681; Apr. 5.

Hughes, H. E., et al. (See Johnson, Albert, assignor.)

Hughes, L. V., et al. (See Johnson, Albert, assignor.)

Hulshizer, George W., Stewartsville, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J. Friction head for rifle bars. 1,623,411; Apr. 5.

Humphrey, David, deceased, Cleveland, Ohio; H. J. Humphrey, executor. Beverage-dispensing device. 1,623,597; Apr. 5.

Humphrey, H. J., executor. (See Humphrey, David.)

Hundt, Albert, Karlshorst, Germany, assignor to General Electric Company. Control of choke coil with switching-in tap transformer. 1,623,839; Apr. 5.

Hunt, Allan F. (See Bondeson, J. A., and Hunt.)

Hunt, Charles J., assignor of thirty-five per cent to E. G. Infield, Barnsdall, Okla. Drying apparatus. 1,623,540; Apr. 5.

Hupp Motor Car Company. (See McDowell, Lamont A., assignor.)

Hurst, James D., assignor to Schumann Piano Company, Rockford, Ill. Truss structure for upright piano cases. 1,623,188; Apr. 5.

Hürttle, Karl. (See Baumeister, H., Dörr, and Hürttle.)

Hürttle, Karl, Akron, Ohio, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Outer cover on rigid airships. 1,623,680; Apr. 5.

Hutchens, Edward, Milwaukee, Wis. Pulp-forming press. 1,623,731; Apr. 5.

Hutchens, Edward, Milwaukee, assignor to Utility Manufacturing Co., Cudahy, Wis. Horizontal bead flipper. 1,623,730; Apr. 5.

Hutson, Roy D., Rosendale, Mo. Tool brace. 1,623,541; Apr. 5.

Infield, Earl G. (See Hunt, Charles J., assignor.)

Ingersoll Milling Machine Company, The. (See Johnson, John R., assignor.)

Ingersoll-Rand Company. (See Hulshizer, George W., assignor.)

Ingersoll-Rand Company. (See Lee, Gordon, assignor.)

Ingersoll-Rand Company. (See Naab, Julius, assignor.)

Ingersoll-Rand Company. (See Redfield, Snowden B., assignor.)

Interflash Signal Corporation. (See Conover, Arthur V., assignor.)

International Business Machines Corporation. (See Peirce, John R., assignor.)

International Motor Company. (See Gurney, Erving R., assignor.)

International Nickel Co., The. (See Lellep, Otto, assignor.)

International Paper Company. (See Peschl, Frank A., assignor.)

International Postal Supply Company. (See Jahn, Raymond F., assignor.)

Irwin & Company. (See Cohn, Irwin, assignor.)

Isom, Edward W., Winnetka, Ill., and J. E. Bell, Brooklyn, N. Y., assignors to Sinclair Refining Company, Chicago, Ill. Condensation of hydrocarbons. 1,623,790; Apr. 5.

Jackson, Charles K., Columbus, Ohio. Fencing construction. 1,623,873; Apr. 5.

Jackson, John A., and P. Swanson, Invercargill, New Zealand. Carburetor. 1,623,682; Apr. 5.

Jackson, William E. (See Reynolds, W. B., and Jackson.)

Jacobi, Edward N. (See Briggs, S. F., and Jacobi.)

Jacobs, Charles B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbon catalyst and making it. 1,623,598; Apr. 5.

Jacobs, Charles B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removing cyanides from masses containing the same. 1,623,599; Apr. 5.

Jacobs, Richard D., Detroit, Mich. Mechanical movement. 1,623,732; Apr. 5.

Jacobsen, Emil, Port Washington, N. Y., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,623,118; Apr. 5.

Jahn, Raymond F., assignor to International Postal Supply Company, Brooklyn, N. Y. Printing-die structure. 1,623,478; Apr. 5.

Jahnke, Albert A., San Francisco, Calif. Electrolytic cell. 1,623,246; Apr. 5.

Jammer, Jacob S., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission regulation. 1,623,600; Apr. 5.

Jandus, Herbert S., assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Automobile bumper. 1,623,412; Apr. 5.

Jandus, Herbert S., and H. L. Blydenburgh, assignors to The C. G. Spring and Bumper Company, Detroit, Mich. Bumper. 1,623,413; Apr. 5.

Jennings, John T., Birmingham, England. Carburetor. 1,623,683; Apr. 5.

Jepson, John W., Elizabeth, N. J. Brake. 1,623,733; Apr. 5.

Jensen, Thomas C., assignor to Scandinavian Export Agency, Ltd., Copenhagen, Denmark. Automatic weighing scale. 1,623,414; Apr. 5.

Johnson, Albert, assignor of one-fourth to L. V. and H. E. Hughes, Los Angeles, Calif. Draft control for locomotives. 1,623,054; Apr. 5.

Johnson, Axel Z., assignor to The Dahlstrom Metallic Door Company, Jamestown, N. Y. Doorframe. 1,623,874; Apr. 5.

Johnson, Clarence L., Littleton, Colo. Tire boot and fastener therefor. 1,623,923; Apr. 5.

Johnson, Edward E., St. Paul, Minn. Screen coupling. 1,623,055; Apr. 5.

Johnson, Fred H., and S. R. Lathrop, Sapulpa, Okla. Conveyer for leer-charging apparatus. 1,623,247; Apr. 5.

Johnson, John E., assignor to The Speedaumatic Company, Chicago, Ill. Addressing machine. 1,623,542; Apr. 5.

Johnson, John R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Feed mechanism for machine tools. 1,623,346; Apr. 5.

Jones & Laughlin Steel Corporation. (See Rendleman, Norman C., assignor.)

Jones, William H., Fellows, and A. Eberle, Taft, Calif. Ball catcher. 1,623,543; Apr. 5.

Joseph, Frederick, and I. Creamer, assignors of one-third to J. Alterman, New York, N. Y. Faucet attachment. 1,623,248; Apr. 5.

Joy, Vernon A., New York, N. Y. Hairpin box. 1,623,684; Apr. 5.

Kahn, Julius, Youngstown, Ohio. Electric-welding machine. 1,623,249; Apr. 5.

Kain, Clifford H., San Carlos, Calif. Rotary internal-combustion engines. 1,623,875; Apr. 5.

Kain, Clifford H., San Carlos, Calif. Rotary pump and motor. 1,623,924; Apr. 5.

Kara-Joseph, Kalil, Philadelphia, Pa. Renovating clothing. 1,623,791; Apr. 5.

Karlitzky, John, Garwood, assignor to H. B. Newhall, Plainfield, N. J. Cable clamp and bridle ring. 1,623,792; Apr. 5.

Kasey, Charles, West Newton, Pa. Chicken feeder. 1,623,840; Apr. 5.

Kearney, Graham, Lisbon, Ohio. Tee for golf balls. 1,623,119; Apr. 5.

Kelley, Earl H., H. F. Greiwe, and F. E. Hoskin, Portland, Oreg. Carburetor. 1,623,347; Apr. 5.

Kelley, Victor H., assignor to Madison Tool and Stamping Works, Madison, Wis. Gauge for mortising machines. 1,623,621; Apr. 5.

Kellner, Walter H. (See Miller, A. B., and Kellner.)

Kellogg Switchboard & Supply Co. (See Dunbar, Francis W., assignor.)

Kenan, John J. W., Orange, N. J. Acid-proof valve. 1,623,056; Apr. 5.

Kennedy, Thomas H., Alta Loma, Tex. Heater. 1,623,415; Apr. 5.

Kern, Andrew J., Paris, Ky. Cultivator. 1,623,120; Apr. 5.

Kern, Ludwig, Baltimore, Md. Making cement. 1,623,876; Apr. 5.

Kerr, Robert M., assignor to Detroit Dental Manufacturing Company, Detroit, Mich. Dental case. 1,623,793; Apr. 5.

Kettering, Charles F., assignor, by mesne assignments, to Dayton-Wright Company, Dayton, Ohio. Control apparatus. 1,623,121; Apr. 5.

Kiefer, Karl, Cincinnati, Ohio. Ellipsograph. 1,623,348; Apr. 5.

Kieffer, Martin, Olean, N. Y. Attachment for silk doubling and twisting machines. 1,623,685; Apr. 5.

King, Charles D., Rutherford, N. J. Apparatus for drilling and the like. 1,623,250; Apr. 5.

King, Clifford F., New Orleans, La. Double-acting trap. 1,623,841; Apr. 5.

King, Ralph E., East Orange, and W. M. Beaumont, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,623,734; Apr. 5.

King, Terry T., Fort Wayne, Ind., assignor to General Electric Company. Automatic pressure regulator. 1,623,842; Apr. 5.

Kingsley, Charles B., Clairton, Pa., assignor to Mississippi Glass Company. Batch feeding to glass tanks. 1,623,057; Apr. 5.

Kinney, Justus R., Jamaica Plain, Mass. Relief valve for rotary pumps. 1,623,316; Apr. 5.

Kinney, Justus R., Jamaica Plain, assignor to Kinney Manufacturing Co., Boston, Mass. Vacuum pump. 1,623,315; Apr. 5.

Kinney Manufacturing Co. (See Kinney, Justus R., assignor.)

Kinzer, Sam C., Estill, Ky. Trap. 1,623,925; Apr. 5.

Kirk, Charles J. (See Buffington, Joseph, assignor.)

Kirschbraun, Lester, Chicago, Ill., and W. H. Cady, Boston, Mass. Waterproof product. 1,623,189; Apr. 5.

Kjetsaa, Chester E., Philadelphia, Pa. Toilet box. 1,623,877; Apr. 5.

Klamroth, Wilfried, New York, N. Y. Running-board luggage carrier for vehicles. 1,623,794; Apr. 5.

Klein, Stanley, assignor to The Mendel-Drucker Company, Cincinnati, Ohio. Trunk-lock structure. 1,623,190; Apr. 5.

Klemperer, Wolfgang B., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Flanged fin. 1,623,938; Apr. 5.

Klimoski, Joseph J. (See Gizewski, John, assignor.)

Klinck, Harry W., Logansport, Ind. Puddle plug. 1,623,843; Apr. 5.

Klinke, Oscar, assignor to Smith & Crosby, a copartnership composed of A. D. and G. H. Crosby, Attleboro, Mass. Bracelet. Des. 72,369; Apr. 5.

Kloneck, August J., New York, N. Y. Multiplex signaling. 1,623,479; Apr. 5.

Knowlton, Eugene W., assignor to John E. Smith's Sons Co., Buffalo, N. Y. Attachment for meat-cutting machines. 1,623,795; Apr. 5.

Knutsen, John B. M., Elizabeth Bay, near Sydney, New South Wales, Australia. Electric lift machine and the like. 1,623,349; Apr. 5.

Koehring Company. (See Koehring, Philip A., assignor.)

Koehring, Philip A., assignor to Koehring Company, Milwaukee, Wis. Twin-mixer concrete-paving machine. 1,623,622; Apr. 5.

Koenitz, Arthur C. (See Wappler, F. H., and Koenitz.)

Kogstrom, Alex W., Upper Darby, assignor of one-half to A. F. H. Scott, Philadelphia, Pa. End connection for vehicle springs. 1,623,844; Apr. 5.

Kogstrom, Axel W., Upper Darby, assignor of one-half to A. F. H. Scott, Philadelphia, Pa. End connection for vehicle springs. 1,623,845; Apr. 5.

Kohler, Jack D., Miami, Fla. Holder for confections and napkins. 1,623,926; Apr. 5.

Kollock, Lemuel E., Boston, Mass. Pipe-joint filling spout. 1,623,058; Apr. 5.

Kolodge, Louis P., New Kensington, Pa. Geometrical instrument. 1,623,623; Apr. 5.

Kolthoff, Helge G. L., Vanersborg, Sweden. Self-locking nut. 1,623,686; Apr. 5.

Konrad, Otto, Oshkosh, Wis. Reenforcing concrete floors. 1,623,252; Apr. 5.

Konrad, Otto, assignor to Three C Davenport Company, Oshkosh, Wis. Foldable bed couch. 1,623,251; Apr. 5.

Koppers Company, The. (See Becker, Joseph, assignor.)

Koury, Michael G., Cairo, Ill. Double-acting internal-combustion engine. 1,623,416; Apr. 5.

Krafft, Herman T., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Constructing columns 1,623,930; Apr. 5.

Krag, Franz K. (See Nelson, John V., assignor.)

Kramer, Andrew A., Kansas City, Mo. Liquid level indicator. 1,623,122; Apr. 5.

Kuhn, John J., Elizabeth, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated. Transmission system. 1,623,480; Apr. 5.

Kund, Wendell J., Bedford, Pa. Toe-in gauge. 1,623,878; Apr. 5.

Kupec, William J. (See Chapin, P. P., and Kupec.)

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,623,481; Apr. 5.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,623,482; Apr. 5.

Kushner, William M., Brooklyn, N. Y. Adapter for vacuum bottles. 1,623,544; Apr. 5.

Kutter, Herman L., Hamilton, Ohio. Bearing. 1,623,624; Apr. 5.

Lage, Ernst A., Hamburg, Germany. Producing colored photographs (positive prints on paper or the like). 1,623,123; Apr. 5.

La Hodny, William, assignor to Standard Mirror Company, Buffalo, N. Y. Mirror bracket. 1,623,483; Apr. 5.

Lain, David E. (See Burpee, J. H., and Lain.)

Lake, Simon, Milford, Conn. Concrete-molding apparatus. 1,623,625; Apr. 5.

Lambert, Oswald, Tamise, Belgium. Cop-winding frame. 1,623,191; Apr. 5.

Lammme, Theodor, Cologne, Koln-Mulheim, Germany. Manufacturing seamless wrought-iron annealing boxes. 1,623,059; Apr. 5.

Lancaster, Harry V., Louisville, Ky., assignor to Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. Fireplace grate. Des. 72,370; Apr. 5.

Lancaster, Harry V., Louisville, Ky., assignor to Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. Fireplace grate. Des. 72,371; Apr. 5.

Lancaster, Harry V., Louisville, Ky., assignor to Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. Fireplace grate. Des. 72,372; Apr. 5.

Lancaster, Harry V., Louisville, Ky., assignor to Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. Fireplace grate. Des. 72,373; Apr. 5.

Lang, Henry T., assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Dynamo-electric machine. 1,623,846; Apr. 5.

Lange, William L., New York, N. Y. Banjo. 1,623,735; Apr. 5.

Lanham, Frank V., Dallas, Tex. Pavement. 1,623,417; Apr. 5.

Larkin Automotive Parts Company, The. (See De Loache, George W., assignor.)

Larson, Jonas E., assignor to Champion Auto Equipment Company, Hammond, Ind. Automobile body. Des. 72,374; Apr. 5.

Larvex Corporation, The. (See Stiriss, Jacob, assignor.)

Larzelere, Charles F., and C. H. Neumeyer, Flint, Mich. Vaporizing fuel. 1,623,253; Apr. 5.

Lathrop, Sherman R. (See Johnson, F. H., and Lathrop.)

Laub, Adolf, Basel, assignor to the Firm Progression S. A., La Chaux-de-Fonds, Switzerland. Change-speed gearing. 1,623,418; Apr. 5.

Lauchin, George Y., Green Bay, Wis. Motor vehicle lamp. 1,623,687; Apr. 5.

Laufe, Henry C., New York, N. Y. Massage and shampooing apparatus. 1,623,124; Apr. 5.

Lauver, George A., Ponca City, Okla., assignor, by mesne assignments, to W. A. Morgan, Buffalo, N. Y. Draining means for splash troughs of internal-combustion engines. 1,623,254; Apr. 5.

Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Reverse plating by action of casting off mechanism. Re16,584; Apr. 5.

Lawton, Thomas W., Taunton, Mass. Top-roll saddle. 1,623,688; Apr. 5.

Laznovsky, Lillian, Chicago, Ill. Hair-waving device. 1,623,736; Apr. 5.

Leahy, Edward W., Albany, N. Y. Motor vehicle heater. 1,623,879; Apr. 5.

Leake, Richard M. (See Price, J. W., and Leake.)

Leboucher, Paul J. (See Broussouse, Fernand L., assignor.)

Le Compte, Oliver P., Baltimore County, and S. A. Cahn, assignors to Miller Safe Company, Baltimore, Md. Safe. 1,623,255; Apr. 5.

Lee, Gordon, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 1,623,419; Apr. 5.

Le Febure Ledger Company. (See Hruska, Frank J., assignor.)
Lehigh Coal and Navigation Co., The. (See Wagel, Srinivas R., assignor.)
Lehman, Walter J., assignor to Briggs Manufacturing Company, Detroit, Mich. Fixture for riveting machines. 1,623,796; Apr. 5.
Lehon Company, The. (See Moone, Albert E. F., assignor.)
Leinweber, Curtis H., et al. (See Leinweber, William H., assignor.)
Leinweber, Victor H., et al. (See Leinweber, William H., assignor.)
Leinweber, William H., assignor of one-third to V. H. Leinweber, and one-third to C. H. Leinweber, Chicago, Ill. Propeller. 1,623,420; Apr. 5.
Lellep, Otto, Egypt, Pa., assignor to The International Nickel Company, New York, N. Y. Converting nickel-containing matte. 1,623,797; Apr. 5.
Lenhardt, Lawrence, Spencerport, assignor of one-half to F. De Felice, Rochester, N. Y. Milling tool. 1,623,927; Apr. 5.
Leshin, Alex R., Seattle, Wash. Shoe and manufacturing the same. 1,623,350; Apr. 5.
Le Tourneau, Robert G., Stockton, Calif. Scarifier. 1,623,317; Apr. 5.
Levine, Hyman, Englewood, Colo. Anatomical restraining appliance. 1,623,125; Apr. 5.
Levitan, Morris, New York, N. Y. Electric-lighting wall fixture. Des. 72,375; Apr. 5.
Lewellen, Lewis J., and O. C. Willis, Cotton Valley, La. Rod grip. 1,623,928; Apr. 5.
Lewis, Frank D., Denver, Colo. Centrifugal amalgamator and concentrator. 1,623,421; Apr. 5.
Libbey-Owens Sheet Glass Company, The. (See Fraser, Frank, assignor.)
Lienhard, Richard B., Newington, assignor to The Taplin Manufacturing Company, New Britain, Conn. Egg beater. 1,623,256; Apr. 5.
Limont, Alexander W., jr., Bridgeport, assignor to The Norwalk Company, South Norwalk, Conn. Multistage fluid compressor. 1,623,798; Apr. 5.
Lind, Mathilde and W. C., New Orleans, La. Button. 1,623,847; Apr. 5.
Lind, Sebert A., Alameda, Calif. Tool. 1,623,689; Apr. 5.
Lind, Werner C. (See Lind, Mathilde and W. C.)
Lindgren, Hugo T., Moline, Ill., assignor, by mesne assignments, to Moline Implement Company. Beet puller. 1,623,737; Apr. 5.
Lindquist, Edward. (See Di Martino, C., and Lindquist.)
Lintern, William, Cleveland, Ohio. Vehicle ventilator. 1,623,738; Apr. 5.
Lipsmeier, Oscar. (See Hempen, F. J., and Lipsmeier.)
Littell, Nelson, Brooklyn, N. Y. Molding machine. 1,623,257; Apr. 5.
Little, Robert H., Ritta, Fla. Dispensing device. 1,623,690; Apr. 5.
Little, William M., and J. L. Sherman, Norphlet, Ark. Oil-separating apparatus. 1,623,691; Apr. 5.
Livingston, George D., Anoka, Minn. Mensuring device. 1,623,192; Apr. 5.
Lockwood, Harry A., assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Baking pan. 1,623,692; Apr. 5.
Lockwood Manufacturing Company, The. (See Lockwood, Harry A., assignor.)
Loeffler, William, Sheboygan, Wis. Mortising machine. 1,623,626; Apr. 5.
Loewenbach, Erwin B., Milwaukee, Wis. Shoe-display carton. 1,623,545; Apr. 5.
Logan, Charles W., Kenmore, N. Y., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Arm for electric light fixtures. Des. 72,376; Apr. 5.
Logan, Harry C., Portland, Oreg. Interchangeable emblem. 1,623,693; Apr. 5.
Loomis, Howard S., Kasson, Minn. Governor. 1,623,193; Apr. 5.
Lorber, Charles, Louisville, Ky. Key case. 1,623,627; Apr. 5.
Louden Machinery Company, The. (See Straban, James L., assignor.)
Love, Herbert. (See Petrie, Alexander T., assignor.)
Lovejoy Development Corporation. (See Lovejoy, Dimmitt R., assignor.)
Lovejoy, Dimmitt R., assignor to Lovejoy Development Corporation, New York, N. Y. Combined A battery trickle charger and B supply. 1,623,628; Apr. 5.
Lovejoy, Ralph M., Boston, Mass. Torque-absorbing spring construction for vehicles. 1,623,422; Apr. 5.
Lowenstein, M., & Sons, Inc. (See Mack, Joseph H., assignor.)
Loyd, Joseph, Broken Bow, Nebr. Steering by driving means for vehicles. 1,623,929; Apr. 5.
Lucas, Jonathan, Savannah, Ga., assignor to Lucas-Lamborn Loom Corporation, New York, N. Y. Loom. 1,623,258; Apr. 5.
Lucas-Lamborn Loom Corporation. (See Lucas, Jonathan, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Arnstein, Karl, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Baumeister, H., Dörr, and Hilrttle, assignors.)
Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Dürr, Ludwig, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Hürttle, Karl, assignor.)
Lundahl, Fred A., Moline, Ill. Toy truck. Des. 72,377; Apr. 5.
Lundgren, Edwin, Frederick, Md., assignor to Combustion Engineering Corporation, New York, N. Y. Automatic stoker. 1,623,060; Apr. 5.
Lundgren, Edwin, Frederick, Md., assignor to Combustion Engineering Corporation, New York, N. Y. Underfeed stoker. 1,623,423; Apr. 5.
Lundgren, Edwin, Frederick, Md., assignor to Combustion Engineering Corporation, New York, N. Y. Stoker. 1,623,424; Apr. 5.
Lyons, Fred D., Kansas City, Mo., assignor to I. M. Lyons. Oil burner. 1,623,930; Apr. 5.
Lyons, Izora M. (See Lyons, Fred D., assignor.)
Macfarlane, Robert F., London, England. Machine for husking almonds and other kernels or the like. 1,623,739; Apr. 5.
Mack, Joseph H., Passaic, N. J., assignor to M. Lowenstein & Sons, Inc., New York, N. Y. Printed fabric. Des. 72,378; Apr. 5.
MacKay, Alfred, Philadelphia, Pa. Drier-heating system. 1,623,425; Apr. 5.
Mackenzie, Aleck. (See Dent, L. M. E., Mackenzie, and White.)
MacRae, Duncan, East Orange, and H. K. Richardson, Newark, N. J., assignors to Westinghouse Lamp Company. Getter and the application thereof. 1,623,351; Apr. 5.
Madden, Harry D., Newark, and J. J. Higgins, East Orange, N. J., assignors to Westinghouse Lamp Company. Automatic cut-tube-sorting machine. 1,623,352; Apr. 5.
Mader, Joseph M., Belleville, Ill. Internal-combustion-engine attachment. 1,623,940; Apr. 5.
Madison Tool and Stamping Works. (See Kelley, Victor H., assignor.)
Madson, Ernest C. (See Andersen, F. C., Madson, and Chapman.)
Mallory, Marion, Toledo, Ohio. Induction coil for ignition systems. 1,623,426; Apr. 5.
Mann, Richard E., New Brighton, N. Y. Thermometer. Des. 72,379; Apr. 5.
Mannel, Elise, San Francisco, Calif. Doll. Des. 72,380; Apr. 5.
Manrock, Frank J., Newark, N. J. Gravity table. 1,623,427; Apr. 5.
Mansbendel, Fritz P., Brooklyn, N. Y., assignor, by mesne assignments, to The Sunfast Hats, Incorporated, Danbury, Conn. Fur-weighing machine. 1,623,029; Apr. 5.
Mansfield Tire & Rubber Co. (See Ober, Philip H., assignor.)
Margerison, W. H. & A. E., & Co. (See Clarke, René, assignor.)
Margerison, W. H. & A. E., & Co. (See Elliott, Elizabeth S. G., assignor.)
Margerison, W. H. & A. E., & Co. (See Wilson, Edward A., assignor.)
Markel Electric Products, Inc. (See Logan, Charles W., assignor.)
Marosky, Joseph. (See McWilliams, J. L., and Marosky.)
Marshall, Francis C., Green Bay, Wis. Excavating machine. 1,623,194; Apr. 5.
Maršík, Augustin, Prague, Czechoslovakia. Direction-indicating device especially for vehicles. 1,623,880; Apr. 5.
Martin, George C., Los Angeles, Calif. Shock absorber. 1,623,428; Apr. 5.
Martin, Jean M. (See Martin, Thomas J. and J. M.)
Martin, Thomas J. and J. M., New York, N. Y. Hairdressing appliance. 1,623,630; Apr. 5.
Martinson, P. Hilbert, Wenatchee, Wash. Fly book. 1,623,429; Apr. 5.
Martley, Michael J., et al. (See Comerford, John, assignor.)
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,623,694; Apr. 5.
Mattison, Richard V., Ambler, Pa., assignor to Ambler Asbestos Company. Method and apparatus for producing plastic articles. 1,623,631; Apr. 5.
Maxner, George E., Somerville, Mass. Apparatus for piling sheets of paper. 1,623,195; Apr. 5.
Mayer, John, Schenectady, N. Y. Game. 1,623,881; Apr. 5.
McBee Binder Company, The. (See Welk, Nelson S., assignor.)
McCaig, Thomas E., Chicago, Ill. Insertable fire brick. 1,623,632; Apr. 5.
McCann, Clyde F., and R. A. Berrenberg, San Francisco, Calif., assignors to Panama Lamp & Commercial Company. Lock attachment for electric-lamp sockets. 1,623,740; Apr. 5.
McCarthy, John W., Lockport, N. Y., assignor, by mesne assignments, to Vortex Mfg. Co., Chicago, Ill. Cup dispenser. 1,623,353; Apr. 5.
McCarthy, Joseph P., assignor of one-third to W. Cleveland and one-third to P. Sawick, Utica, N. Y. Pistoning tool. 1,623,799; Apr. 5.
McCord Radiator & Mfg. Co. (See Hawkins, B. H., and Hansen, assignors.)

McDonald, Leslie R., Westmount, Quebec, Canada. Variable electrical condenser. 1,623,741; Apr. 5.
McDonald, Leslie R., Westmount, Quebec, Canada. Variable electrical condenser. 1,623,742; Apr. 5.
McDowell, Lamont A., assignor to Hupp Motor Car Company, Detroit, Mich. Front-seat support. 1,623,800; Apr. 5.
McGaugh, Jesse L., Los Angeles, Calif. Luggage carrier. 1,623,484; Apr. 5.
McGregor, Donald B. (See McGregor, Herman C. and D. B.)
McGregor, Herman C. and D. B., Berkeley, Calif. Demountable seat. 1,623,259; Apr. 5.
McGuiness, Thomas F., Portland, Me. Machine for distributing sand and the like. 1,623,743; Apr. 5.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Creel. 1,623,546; Apr. 5.
McLaughlin, John J., assignor to H. L. Warner, Brooklyn, N. Y. Turnstile. 1,623,744; Apr. 5.
McMakin, Julius G., Chicago, Ill. Trolley control. 1,623,430; Apr. 5.
McVoy, Vincen P., Mobile, Ala. Combined cylinder cock and relief valve. 1,623,431; Apr. 5.
McWilliams, Joseph L., and J. Marosky, San Francisco, Calif. Floor-laying device. 1,623,882; Apr. 5.
Meiling, Herman W., Jackson, Mich. Milling machine. 1,623,801; Apr. 5.
Mendel-Drucker Company, The. (See Klein, Stanley, assignor.)
Mercury Mills, Limited. (See Clarke, Edgar W., assignor.)
Mergott, J. E., Co. (See Hiering, William C., assignor.)
Messenger, Otis G., Elizabeth, N. J., assignor to Standard Development Company. Treating hydrocarbons. 1,623,061; Apr. 5.
Messer, Vladimir V., Douglaston, N. Y. Machine for cutting bias strips. 1,623,354; Apr. 5.
Meyer, Fred. (See Fischer, Joseph, assignor.)
Meyering, Bernard H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film package. 1,623,486; Apr. 5.
Michelin, André J., Paris, France. Manufacturing seamless rims and wheel disks. 1,623,883; Apr. 5.
Micro Machine Company. (See York, H. H., and Baumberger, assignors.)
Miech, Otto. (See Bartels, A., and Miech.)
Mietz, Herman F., Franklinville, N. J. Banjo resonator. 1,623,884; Apr. 5.
Miller, Albert B. and W. H. Kellner, Green Bay, Wis. Gas heater. 1,623,487; Apr. 5.
Miller Company. (See Wolter, Herman H., assignor.)
Miller Safe Company. (See Le Compte, O. P., and Cahn, assignors.)
Miller, Theodore T. (See Dewey, B., and Miller.)
Milwaukee Gas Specialty Company. (See Claus, Emil L. and W. E., assignors.)
Minch, Walter B., Jackson, assignor to General Motors Corporation, Detroit, Mich. Wheel. 1,623,355; Apr. 5.
Minneapolis Knitting Works. (See Rambo, James H., assignor.)
Minnesota Wax Paper & Envelope Co. (See Nienhauser, Bernard A., assignor.)
Mironuck, Andrew, Max, N. Dak. Grain sifter. 1,623,356; Apr. 5.
Mississippi Glass Company. (See Kingsley, Charles B., assignor.)
Mitchell, William M., Grenada, Miss. Speed-change mechanism. 1,623,695; Apr. 5.
Mitton, Robert E., Salt Lake City, Utah. Diaphragm valve. 1,623,126; Apr. 5.
Mohn, John, Detroit, Mich. Siphon starter and automatic shut-off. 1,623,260; Apr. 5.
Moline Implement Company. (See Lindgren, Hugo T., assignor.)
Montgomery, Gustavus A., Titusville, Pa. Casing slip. 1,623,885; Apr. 5.
Montgomery Tool and Machinery Company, The. (See Dever, George W., assignor.)
Moone, Albert E. F., assignor to The Lehon Company, Chicago, Ill. Roofing. 1,623,127; Apr. 5.
Moore, Francis K. (See Rodgers, T. T., Giblin, and Moore.)
Moore, Frank J., North Tonawanda, N. Y. Method and machine for shredding wood. 1,623,261; Apr. 5.
Moore, George T. (See Rodgers, T. T., Giblin, and Moore.)
Moores, Joel, assignor to The J. H. Day Company, Cincinnati, Ohio. Transfer device. 1,623,357; Apr. 5.
Morberg, Emil, Oslo, Minn. Colter. 1,623,488; Apr. 5.
Morgan, Howard H., Hollywood, Calif. Mechanical toy. 1,623,886; Apr. 5.
Morgan, Susanna. (See Reynolds, W. B., and Jackson, assignors.)
Morgan, William A. (See Lauver, George A., assignor.)
Morinelli, Thomas, Philadelphia, Pa. Shock absorber. Re16,582; Apr. 5.
Morris, George M., Richmond, Calif. Bow guide for violins and the like. 1,623,633; Apr. 5.
Morton, Theodore S., St. Louis, Mo. Refrigerator. 1,623,802; Apr. 5.
Mosler Safe Company, The. (See Bellamore, David H., assignor.)
Mottier, Walter F., El Campo, Tex. Hayrake. 1,623,062; Apr. 5.
Muir, Wellington W., Lockport, N. Y. Cooling system for internal-combustion engines. 1,623,803; Apr. 5.
Muir, Wellington W., Lockport, N. Y. Cooling system for internal-combustion engines. 1,623,804; Apr. 5.
Mulholland, James F., Columbus, Ohio. Toy balloon. Des. 72,381; Apr. 5.
Müller, Jens. (See Herz, R., and Müller.)
Mummert, Harvey C., Hollis, assignor, by mesne assignments, to Curtiss Aeroplane and Motor Company, Inc., Garden City, N. Y. Temperature-regulating system for aeronautical motors. 1,623,128; Apr. 5.
Munsingwear Corporation, The. (See Spilsbury, Beulah G., assignor.)
Murphy, Edwin J., Schenectady, N. Y., assignor to General Electric Company. Arc lamp. 1,623,848; Apr. 5.
Murphy, Gerald H., Flushing, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,623,063; Apr. 5.
Murray, Albert F., Boston, Mass., assignor to J. H. Hammond, jr., Gloucester, N. J. Transmitting system for radiant energy. 1,623,745; Apr. 5.
Murray Company, The. (See Hancock, William L., assignor.)
Murray, Thomas E., Brooklyn, N. Y. Furnace and cooling device. 1,623,746; Apr. 5.
Myers, Robert C., Hutchinson, Kans. Spark plug. 1,623,432; Apr. 5.
Naab, Julius, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor unloader. 1,623,489; Apr. 5.
Napier, James W., McKeesport, Pa. Coupling and making the same. 1,623,064; Apr. 5.
National Carbon Company. (See Hopkins, Nevil M., assignor.)
National Pneumatic Company. (See Forman, Paris R., assignor.)
National Pneumatic Company. (See Rowntree, H., and Conklin, assignors.)
Neahr, Jacob E., Hartsdale, assignor to Underwood Typewriter Company, New York, N. Y. Typewriter stand. 1,623,196; Apr. 5.
Neeley, George S., Wood River, Ill. Leather-treating process and apparatus for same. 1,623,943; Apr. 5.
Nelis, Joseph J., Brooklyn, assignor to Power Specialty Company, New York, N. Y. Superheater boiler. 1,623,805; Apr. 5.
Nelson, Emil A., Detroit, Mich., assignor to Bendix Brake Company, Chicago, Ill. Brake-operating means. 1,623,262; Apr. 5.
Nelson, John V., Maywood, assignor to F. K. Krag, Chicago, Ill. Swivel-head drill holder. 1,623,747; Apr. 5.
Neumann, Theodore L., Dayton, Ohio, assignor to The Dayton Paper Novelty Company. Paper box for golf clubs and the like. 1,623,547; Apr. 5.
Neumeyer, Charles H. (See Larzelere, C. F., and Neumeyer.)
Newhall, Henry B. (See Karitzky, John, assignor.)
Newhall, Henry B., Plainfield, and H. W. Pleister, Westfield, N. J.; said Pleister assignor to said Newhall. Cabinet amplifier. 1,623,065; Apr. 5.
New Haven Clock Co., The. (See Porter, Wilson E., assignor.)
New Method Stove Company, The. (See Harter, Sherman, assignor.)
Newport Company, The. (See Gubelmann, I., Weiland, and Stallman, assignors.)
Newton, George F., assignor to United States Fire Protection Company, Providence, R. I. Automatic sprinkler. 1,623 887; Apr. 5.
Newton, Herbert B., Brookline, Mass. Lawn mower. 1 623,433; Apr. 5.
Nichols, Paul F., assignor to Sun Maid Raisin Growers of California, Fresno, Calif. Apparatus and method for determining the moisture content of raisins and the like. 1,623,263; Apr. 5.
Nienhauser, Bernard A., assignor to Minnesota Wax Paper & Envelope Co., St. Paul, Minn. Tissue-paper package. 1,623,806; Apr. 5.
Niesen, Joseph H., Grafton, Wis. Washing machine. 1,623,548; Apr. 5.
Nitchie, John A., Elm Creek, Nebr. Power-transmission device for pumps. 1,623,490; Apr. 5.
Nixon, Clarence R. (See Dunnock, J. L., and Nixon.)
Nordstrom, Elof, East Orange, N. J., assignor, by mesne assignments, to Aluminum Seal Corporation, New York, N. Y. Article-feeding mechanism. 1,623,066; Apr. 5.
North East Electric Company. (See Dorsey, Farnum F., assignor.)
Norton, James G., Eltingville, N. Y. Process and apparatus for making cups. 1,623,197; Apr. 5.
Norwalk Company, The. (See Limont, Alexander W., jr., assignor.)
Nosan, Anton, Cleveland, Ohio. Aircraft variable-pitch propeller and blade mounting. 1,623,549; Apr. 5.
Nourse, Walter H. (See Ofner, F. P., and Nourse.)
Nowosielski, Edward B., Bloomfield, assignor to Splitdorf Electrical Company, Newark, N. J. Spark plug. 1,623,129; Apr. 5.
Nowosielski, Edward B., Bloomfield, assignor to Splitdorf Electrical Company, Newark, N. J. Rheostat. 1,623,198; Apr. 5.
Nugent, Bennie C., Taft, Calif. Sucker-rod twister. 1,623,696; Apr. 5.

Oakley, Erastus G., Southport, assignor to Bridgeport Brass Company, Bridgeport, Conn. Socket cap and making the same. 1,623,067; Apr. 5.

Oakley, Erastus G., Southport, assignor to Bridgeport Brass Company, Bridgeport, Conn. Making flash-light casings. 1,623,807; Apr. 5.

Ober, Philip H., assignor to The Mansfield Tire & Rubber Co., Mansfield, Ohio. Automobile tire. Des. 72,382; Apr. 5.

Oberdorfer, Henry D., Champaign, Ill. Portable bleacher. 1,623,068; Apr. 5.

O'Brien, Frank J., assignor to Southern Can Company, Baltimore, Md. Outturned-edge-can closure. 1,623,808; Apr. 5.

Ofner, Frank P., and W. H. Nourse, Portland, Oreg. Pipe-welding apparatus. 1,623,434; Apr. 5.

O'Grady, Frederick T., assignor to H. V. O'Grady, Flushing, N. Y. Motion-picture projector. 1,623,435; Apr. 5.

O'Grady, Helen V. (See O'Grady, Frederick T., assignor.)

Ohio Brass Company, The. (See Bovard, William P., assignor.)

Ohio Brass Company, The. (See Chandler, Homer P., assignor.)

Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)

Olin, Fred C., Buffalo, N. Y. Spike-forming machine. 1,623,264; Apr. 5.

Olmsted, Frederick L. (See Agnew, J. G., and Pond, assignors.)

Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Magnetic speedometer. 1,623,550; Apr. 5.

Orrick, Charles F., Mount Vernon, Ill. Safety wheel guard. 1,623,849; Apr. 5.

Osborn, Henry C., assignor to The American Multigraph Company, Cleveland, Ohio. Addressing machine. 1,623,265; Apr. 5.

Ostler, Ernest S., assignor to Stromberg Electric Company, Chicago, Ill. Noiseless clock mechanism. 1,623,266; Apr. 5.

Otis, Howard S., Janesville, Wis. Barber shears. 1,623,130; Apr. 5.

Oubridge, William A., Coventry, England. Lapping machine. 1,623,697; Apr. 5.

Ouellette, Alphonse, Fall River, Mass. Intermittent feeler mechanism for looms. 1,623,491; Apr. 5.

Owens Bottle Company, The. (See Rule, John F., assignor.)

Owens, Dabney P., Lake Worth, Fla. Universal joint. 1,623,199; Apr. 5.

Owens, Dabney P., Lake Worth, Fla. Fixed housing for universal connections. 1,623,200; Apr. 5.

Owens, Dabney P., Lake Worth, Fla. Cutter. 1,623,201; Apr. 5.

Page, Herbert E., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Garment-pressing machine. 1,623,358; Apr. 5.

Pako Corporation. (See Passman, James W., assignor.)

Palm Brothers Decalcomania Company, The. (See Walz, Ludwig, assignor.)

Palm, Max J., jr., Cincinnati, Ohio. Plate or similar article. Des. 72,383; Apr. 5.

Palm, Max J., jr., Cincinnati, Ohio. Plate or similar article. Des. 72,384; Apr. 5.

Panama Lamp & Commercial Company. (See McCann, C. F., and Berrenberg, assignors.)

Pape, Edwin W., St. Louis, Mo., assignor to Crescent Stove Works, Vanderburgh County, Ind. Air-circulation control for inclosed stoves. 1,623,634; Apr. 5.

Pasini, Jerome, New York, N. Y. Ship. 1,623,888; Apr. 5.

Passman, James W., Newark, Ohio, assignor to Pako Corporation, Minneapolis, Minn. Photoglazing method and apparatus. 1,623,202; Apr. 5.

Patenaude, Julien, Waterbury, Conn. Kitchen table. 1,623,850; Apr. 5.

Patterson, John F., Warren, Ohio. Dishwasher. 1,623,203; Apr. 5.

Patterson, Robert H., Atlanta, Ga. Bottle. Des. 72,385; Apr. 5.

Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Circuit interrupter. 1,623,851; Apr. 5.

Pearsall, William A., jr., Detroit, Mich. Running-board lamp. 1,623,131; Apr. 5.

Pedlar People Limited, The. (See Hall, William H., assignor.)

Peelle Company, The. (See Peellee, Robert S., assignor.)

Peelle, Robert S., Hollis, assignor to The Peelle Company, Brooklyn, N. Y. Electric interlock for elevator doors. 1,623,267; Apr. 5.

Peirce, John R., assignor to International Business Machines Corporation, New York, N. Y. Tabulating apparatus. 1,623,204; Apr. 5.

Pelkey, Oliver E., Springfield, Mass. Support. 1,623,749; Apr. 5.

Pennell, Reginald H. L., Windsor, and A. W. Wylie, Chobham, England. Apparatus for mixing and delivering liquids. 1,623,132; Apr. 5.

Perfecto Gear Differential Co. (See Starr, Charles E., assignor.)

Pericaud, Baptiste M., Limoges, France. Heel-seat-cutting machine. 1,623,551; Apr. 5.

Peschl, Frank A., Jackson Heights, N. Y., assignor to International Paper Company. Moisture-testing means for paper-making machines. 1,623,436; Apr. 5.

Peterson, Hans M., et al. (See Englund, Edwin H. L., assignor.)

Peterson, Sophus M., et al. (See Englund, Edwin H. L., assignor.)

Peterson, Theodore P., Greeley, Nebr. Electric-current regulator. 1,623,492; Apr. 5.

Petrie, Alexander T., assignor to H. Love, Brooklyn, N. Y. Spinning device. 1,623,133; Apr. 5.

Pfannenstiehl, Harry, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Printing telegraphs. 1,623,748; Apr. 5.

Pfannenstiehl, Harry, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Printing telegraphs. 1,623,809; Apr. 5.

Pfannenstiehl, Harry, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Printing telegraphy. 1,623,810; Apr. 5.

Phelps, James W., Chicago, Ill. Electric receptacle. 1,623,205; Apr. 5.

Phillips, Wendell L., Bonair, Iowa. Traffic signal. 1,623,889; Apr. 5.

Phonograph Company, The. (See Seabolt, Frank J., assignor.)

Pike, Oscar G., De Kalb, Ill. Swimming device. 1,623,852; Apr. 5.

Pingree Patents, Incorporated. (See Pingree, Samuel J., assignor.)

Pingree, Samuel J., assignor to Pingree Patents, Incorporated, St. Louis, Mo. Apparatus for supplying fuel to internal-combustion engines. 1,623,750; Apr. 5.

Pintacuda, Carlo, and U. Frilli, Florence, Italy. Device for determining pressure in vehicle shock absorbers. 1,623,069; Apr. 5.

Pittsburgh Transformer Company. (See Edwards, Donald V., assignor.)

Pleister, Henry W. (See Newhall, H. B., and Pleister.)

Poeter, E., & Company. (See Poeter, Edward, assignor.)

Poeter, Edward, assignor to E. Poeter & Company, Irvington, N. J. Hand-bag frame. Des. 72,386; Apr. 5.

Poeter, Edward, assignor to E. Poeter & Company, Irvington, N. J. Hand-bag frame. Des. 72,387; Apr. 5.

Poeter, Edward, assignor to E. Poeter & Company, Irvington, N. J. Hand-bag frame. Des. 72,388; Apr. 5.

Pohle, Walter B., Lynn, assignor of one-third to P. B. Haskell, Lynn, and one-third to S. V. Russell, Chelsea, Mass. Sediment collector. 1,623,437; Apr. 5.

Pollard, John D., Chicago, Ill. Diathermy ear applicator. 1,623,552; Apr. 5.

Pond, Reed K. (See Agnew, J. G., and Pond.)

Porter, Wilson E., New Haven, Conn., assignor to The New Haven Clock Co., New Haven, Conn. Intermittent-alarm clock. 1,623,698; Apr. 5.

Postlethwait, Columbus E., Wallace, W. Va. Adjustable steering post. 1,623,493; Apr. 5.

Potter, Cushman, Houston, Minn. Fluid-transmission mechanism. 1,623,206; Apr. 5.

Potts, Helen, Chicago, Ill. Cigarette holder and the like. 1,623,635; Apr. 5.

Poulsen, Oscar, Alameda, Calif. Shaft bearing. 1,623,207; Apr. 5.

Pownall, Henry D., Canton, Ohio. Liquid-level regulating and controlling apparatus. 1,623,811; Apr. 5.

Power Specialty Company. (See Nells, Joseph J., assignor.)

Prefontaine, Harry F., Brooklyn, N. Y. Gas safety plate. 1,623,812; Apr. 5.

Prescott, William E. (See Baker, G. R., Prescott, and Gilderdale.)

Price, John W., and R. M. Leake, Laramie, Wyo. Pump. 1,623,208; Apr. 5.

Price, William E., Hartsdale, N. Y. Lantern. 1,623,699; Apr. 5.

Priestley, Willard J., South Sioux City, Nebr. Air heater and moistener for carburetors. 1,623,438; Apr. 5.

Procter, Harry C., Manchester, England. Electric-lighting apparatus for motor vehicles. 1,623,700; Apr. 5.

Progression, S. A. (See Laub, Adolf, assignor.)

Prokop, Josef, Parbudice, Czechoslovakia. Feeding and discharging apparatus for machines for material treatment. 1,623,701; Apr. 5.

Proulx, Amie G., St. Paul, Minn. Steering-gear attachment. 1,623,751; Apr. 5.

Pullcican Manufacturing Corporation. (See Trinks, William W., assignor.)

Punnett, Reuben F. (See Sheppard, S. E., and Punnett.)

Q & C Company. (See Young, Charles D., assignor.)

Quigg, James R. (See Shipley, R. C., and Quigg.)

R. K. M. Mfg. Company. (See Rosenman, Leo, assignor.)

Racine Radiator Company. (See Young, Fred M., assignor.)

Radio Corporation of America. (See Young, A. M., and Simpson, assignors.)

Rainey, Edward E., Denver, Colo. Valve lifter. 1,623,752; Apr. 5.

Rambo, James H., assignor to Minneapolis Knitting Works, Minneapolis, Minn. Child's sleeping garment. 1,623,753; Apr. 5.

Ramer, Philip W., River Falls, Wis. Spraying machine. 1,623,702; Apr. 5.

Randall, Chester J., Woonsocket, R. I., and C. Wurtenberg, Union City, assignors to The Goodyear's Metallic Rubber Shoe Company, Naugatuck, Conn. Machine for stripping vulcanized articles. 1,623,208; Apr. 5.

Raney, James J. (See Bellman, Edward T., assignor.)

Randolph, Oliver W., Toledo, Ohio. Coal drying. 1,623,553; Apr. 5.

Rasmussen, Martin, assignor to Hartmann Trunk Company, Racine, Wis. Trunk lock. 1,623,318; Apr. 5.

Rauworth, Edwin S., assignor to Apollo Piano Company, De Kalb, Ill. Apparatus for leveling piano keys. 1,623,359; Apr. 5.

Rawlings, William E., Santa Clara County, Calif. Ant trap. 1,623,439; Apr. 5.

Ray, Joseph V., Greensboro, N. C. Auto wheel puller. 1,623,440; Apr. 5.

Reason, Walter M., assignor to Elizabeth Ballamos, Pontiac, Mich. Automobile transmission lock. 1,623,319; Apr. 5.

Redfield, Snowden B., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Centralizer interlocking control for multistage compressors. 1,623,494; Apr. 5.

Reed, Charles E. (See Schultz, Herman A., assignor.)

Reilly, Rodolphe R., Port Washington, assignor to Angel International Corporation, New York, N. Y. Died-out blank for receptacles. 1,623,269; Apr. 5.

Reinhardt, Louis W., Brockton, Mass. Display form and making the same. 1,623,931; Apr. 5.

Reiniger, Gebbert & Schall Aktiengesellschaft. (See Zacher, Frans, assignor.)

Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Steerable wheel construction. 1,623,554; Apr. 5.

Remington Arms Company. (See Fuller, Frederick L., assignor.)

Remy, Benjamin P., Indianapolis, Ind. Magneto. 1,623,270; Apr. 5.

Rendleman, Norman C., Dormont, Pa. Manufacture of flanged beams with thin webs. 1,623,272; Apr. 5.

Rendleman, Norman C., Dormont, Pa. Rolling flanged beams. 1,623,273; Apr. 5.

Rendleman, Norman C., Dormont, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Manufacture of flanged beams. 1,623,271; Apr. 5.

Reynolds, Moore M., Dawmont, W. Va. Gas-separating apparatus. 1,623,636; Apr. 5.

Reynolds, William B., and W. E. Jackson, Fort Worth, assignors of one-tenth to S. Morgan, Greenville, Tex. Paper cutter. 1,623,495; Apr. 5.

Rhoads, Harry E., assignor to The Willys-Overland Company, Toledo, Ohio. Fuel heater for internal-combustion engines. 1,623,441; Apr. 5.

Rhode, Lewis W. (See Eckles, Noble, assignor.)

Rhodes, Arnold N., Rocky Point, N. C. Door-locking mechanism. 1,623,853; Apr. 5.

Rhodes-Hochriem Manufacturing Co. (See Hochriem, Gustav F., assignor.)

Rice, M., Company. (See Shoch, Robert, assignor.)

Richardson, Henry K. (See MacRae, D., and Richardson.)

Ritter, Heinrich, Esslingen, assignor to the Firm Dr. Finckh Apparate-Gesellschaft m. b. H., Stuttgart, Germany. Food preserving jar. 1,623,754; Apr. 5.

Robb, George W. (See Harrington, John H., assignor.)

Roberts, Ellis, East Palestine, Ohio. Building block. 1,623,442; Apr. 5.

Roberts, John G., Dobbs Ferry, assignor to Western Electric Company, Incorporated, New York, N. Y. Loaded signaling conductor. 1,623,555; Apr. 5.

Robertshaw, George A., Greensburg, Pa. Thermostat. 1,623,755; Apr. 5.

Robinson, Lula H., Dallas, Tex. Adjusting and holding device for shade and drapery supports. 1,623,274; Apr. 5.

Rodgers Radio Corporation. (See Rodgers, T. T., Giblin, and Moore, assignors.)

Rodgers, Thomas T., M. A. Giblin, and F. K. and G. T. Moore, Milwaukee, Wis., assignors to Rodgers Radio Corporation, West Allis, Wis. Condenser. 1,623,360; Apr. 5.

Rooney, John H., Susanville, Calif. Sawmill-carriage offset. 1,623,854; Apr. 5.

Rosenman, Leo, Newark, N. J., assignor to R. K. M. Mfg. Company. Fastener strip or fly for garments. 1,623,361; Apr. 5.

Rosenstein, Ludwig, San Francisco, Calif. Removing sulphur dioxide and compounds from food products. 1,623,070; Apr. 5.

Rosenthal, Abraham, New York, N. Y. Woman's undergarment. 1,623,637; Apr. 5.

Rouleau, Wilfred J., Quincy, Mass. Computing scale. 1,623,134; Apr. 5.

Rowntree and Company Limited. (See Baker, George R., Prescott, and Gilderdale, assignors.)

Rowntree, Harold, Scarsdale, N. Y., and R. D. Conklin, Rahway, N. J., assignors to National Pneumatic Company, New York, N. Y. System for operating the exit and trap doors of railway coaches. 1,623,556; Apr. 5.

Ruff, Israel P., Connellsville, Pa. Kitchen utensil. 1,623,703; Apr. 5.

Rule, John F., assignor to The Owens Bottle Company, Toledo, Ohio. Forming and delivering charges of molten glass. 1,623,362; Apr. 5.

Rupp, Charles, assignor to J. S. Thorn Company, Philadelphia, Pa. Window frame. 1,623,496; Apr. 5.

Rurup, Walter F., Santa Ana, Calif. Tree-shaking device. 1,623,497; Apr. 5.

Russell, Susan V., et al. (See Pohle, Walter B., assignor.)

Ruttle, John H., Carsonville, Mich. Bean-separating machine. 1,623,275; Apr. 5.

Rybeck, Adolph W., assignor to The T. L. Smith Company, Milwaukee, Wis. Valve. 1,623,557; Apr. 5.

Sacia, Charles F., assignor to Western Electric Company, Incorporated, New York, N. Y. Recording and reproducing of sounds. 1,623,756; Apr. 5.

Saklatwalla, Byramji D., Crafton, Pa. Manufacture of chromium iron alloys. 1,623,757; Apr. 5.

Sandbeck, Gustaf E., New York, N. Y. Slicing board. 1,623,498; Apr. 5.

Santurello, Peter, Columbus, Ohio. Hair-curling apparatus. 1,623,758; Apr. 5.

Sargent, Howard R., Bridgeport, Conn. Indicating device. 1,623,950; Apr. 5.

Sauveur, Harry, Berlin-Lankwitz, Germany, assignor to the Firm: Flexo-Industrie-Gesellschaft m. b. H., Vienna, Austria. Chuck. 1,623,705; Apr. 5.

Savitzky, Morris, New York, N. Y. Embroidered lace medallion. Des. 72,389; Apr. 5.

Savitzky, Morris, New York, N. Y. Embroidered lace medallion. Des. 72,390; Apr. 5.

Savitzky, Morris, New York, N. Y. Embroidered lace medallion. Des. 72,391; Apr. 5.

Sawick, Peter et al. (See McCarthy, Joseph P., assignor.)

Scandinavian Export Agency Ltd. (See Jensen, Thomas C., assignor.)

Schaap, Alexander K., jr., Brooklyn, assignor to The Schaap-Durant Control Corporation, New York, N. Y. Liquid-level gauge. 1,623,855; Apr. 5.

Schaap-Durant Control Corporation, The. (See Durant, John D., assignor.)

Schaap-Durant Control Corporation, The. (See Schaap, Alexander K., jr., assignor.)

Schanck, Harry S., et al. (See Ames, Charles F., assignor.)

Schaper, Harry C., assignor to The Weight-O-Graph Company, St. Louis, Mo. Weighing device. 1,623,276; Apr. 5.

Schell, David, Myerstown, Pa. Combination fixture support and base. 1,623,813; Apr. 5.

Schmidt, Charles D., Jamaica, N. Y. Brake or clutch. 1,623,706; Apr. 5.

Schnuck, Carl F. (See Bowen, D. R., and Schnuck.)

Schroeder, Simon E., Oak Park, Ill. Safety wringer mechanism. 1,623,707; Apr. 5.

Schulte, Fritz. (See Herz, R., and Schulte.)

Schultz, Herman A., Chicago, assignor to C. E. Reed, township of McHenry, Ill. Copying lathe. 1,623,638; Apr. 5.

Schumann Piano Company. (See Hurst, James D., assignor.)

Schuster, Frank, Richmond Hill, N. Y. Electric melting pot. 1,623,209; Apr. 5.

Schwanke, Albert F., Grey Eagle, Minn. Cream-separator-bowl washer. 1,623,363; Apr. 5.

Schweisthal, Fred G., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Speedometer-magnet compensator. 1,623,558; Apr. 5.

Scott, Allison F. H. (See Kogstrom, Axel W., assignor.)

Scott, David J., et al., executors. (See Scott, Walter C., assignor.)

Scott, Isabella, et al., executors. (See Scott, Walter C., assignor.)

Scott, Nelson H., assignor of one-half to L. B. Day, La Fayette, Ga. Split sprocket. 1,623,814; Apr. 5.

Scott, Phillip L., Chicago, Ill., assignor to Super-Diesel Tractor Corporation, La Porte, Ind. Apparatus for and method of creating turbulence. 1,623,704; Apr. 5.

Scott, Walter, & Company. (See Scott, Walter C., assignor.)

Scott, Walter C., deceased, assignor to I. Scott and D. J. Scott, executors, doing business as Walter Scott & Company, Plainfield, N. J. Uninterruptedly feeding a web of flexible material while changing from one web roll to another. 1,623,277; Apr. 5.

Seabolt, Frank J., Schenectady, N. Y., assignor to The Phonograph Company. Phonograph. 1,623,559; Apr. 5.

Seaman Container Manufacturing Corporation. (See Hall, Richard E., assignor.)

Sears, Fred W., and A. Buck; said Buck assignor to R. Hueckler, Three Rivers, Mich. Water deckle for paper-making machines. 1,623,278; Apr. 5.

Sebald, Leslie E., Ridgewood, N. J., assignor to The Griscom-Russell Company, New York, N. Y. Low-heat-level evaporator system. 1,623,941; Apr. 5.

Seelman, John J., Milwaukee, Wis. Dispensing device. 1,623,708; Apr. 5.

Seely, Thomas H., Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 1,623,135; Apr. 5.

Seely, Thomas H., Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,623,279; Apr. 5.

Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus of dephlegmation. 1,623,136; Apr. 5.

Setz, Bertha E., administratrix. (See Setz, Hans R., assignor.)

Setz, Hans R., deceased, Upper Darby Township, Philadelphia County, Pa.; B. E. Setz, administratrix. Cylinder structure for internal-combustion engines. 1,623,639; Apr. 5.
Sewell, Benjamin F. B., Chula, Va. Tractor attachment. 1,623,815; Apr. 5.
Seymour, Burton W., sr., Jamestown, N. Y. Treating oil wells. 1,623,890; Apr. 5.
Shafer, James A., Buffalo, N. Y. Hopper freight car. 1,623,071; Apr. 5.
Shearer, William H., Rand, Colo. Fastener. 1,623,891; Apr. 5.
Sheppard, Samuel E., and R. F. Punnett, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion and material and process used in the preparation thereof. 1,623,499; Apr. 5.
Sheppard, Samuel E., and S. S. Sweet, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic film and base therefor. 1,623,500; Apr. 5.
Sherman, George B., assignor, by mesne assignments, to Copeman Laboratories Company, Flint, Mich. Molding apparatus. 1,623,560; Apr. 5.
Sherman, Jessie L. (See Little, W. M., and Sherman.)
Shewry, William M., Chicago, Ill. Coaster wagon. 1,623,443; Apr. 5.
Shinn, Luther G., Holdenville, Okla. Inclination indicator. 1,623,759; Apr. 5.
Shipley, Richard C., and J. R. Quigg, Kansas City, Mo. Axle-box-wedge mechanism. 1,623,640; Apr. 5.
Shlick, Leo, Montreal, Quebec, Canada. Heating engine. 1,623,364; Apr. 5.
Shoch, Robert, assignor to M. Rice Company, Philadelphia, Pa. Flower holder. 1,623,856; Apr. 5.
Shoenfeld, Gustav. (See Dunn, P. P., and Shoenfeld.)
Sieber, Jacob, London, assignor to C. T. Everist, Forest Hill, London, England. Carburetor for internal-combustion engines. 1,623,760; Apr. 5.
Silent, Harold C. (See Crisson, G., and Silent.)
Simmonds, Eugene B., et al. (See Bell, Frank M., assignor.)
Simpson, Norman W. (See Young, A. M., and Simpson.)
Sinclair Refining Company. (See Bell, John E., assignor.)
Sinclair Refining Company. (See Isom, E. W., and Bell, assignors.)
Sixta, Emil C., La Habra, Calif. Structure building card. 1,623,641; Apr. 5.
Sjöö, Arvid M., Stockholm, Sweden. Automatic regulator. 1,623,444; Apr. 5.
Skaupy, Franz, Berlin, Germany, assignor to General Electric Company. Electric lamp. 1,623,761; Apr. 5.
Slepian, Joseph, and C. R. Hanna, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Acoustic horn. 1,623,561; Apr. 5.
Smith, Arthur B., Evanston, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Telephone system. 1,623,320; Apr. 5.
Smith, Benjamin C., Westfield, assignor to Standard Motor Construction Company, Jersey City, N. J. Internal-combustion engine. 1,623,501; Apr. 5.
Smith Brothers. (See Smith, Delos H., assignor.)
Smith, Charles A. (See Bowers, W. G., and Smith.)
Smith & Crosby. (See Klinke, Oscar, assignor.)
Smith, Daniel A., Chevy Chase, Md., and C. P. Stirling, Washington, D. C., assignors to District of Columbia Paper Manufacturing Company, Washington, D. C. Decorated paper and making same. 1,623,280; Apr. 5.
Smith, Daniel A., Chevy Chase, Md., and C. P. Stirling, Washington, D. C., assignors to District of Columbia Paper Manufacturing Company, Washington, D. C. Machine for making decorated paper. 1,623,281; Apr. 5.
Smith, Delos H., assignor to Smith Brothers, Port Washington, Wis. Making caviar. 1,623,601; Apr. 5.
Smith, Dudley, Oakland, Calif. Bedpan shield. 1,623,602; Apr. 5.
Smith, Evander A., and Edward R. Finch, Houston, Tex. Agricultural implement. 1,623,321; Apr. 5.
Smith, Harry B., Albany, N. Y. Dyeing textile materials. 1,623,709; Apr. 5.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,623,445; Apr. 5.
Smith, Rufus W., Toronto, Ontario, Canada. Nut lock. 1,623,365; Apr. 5.
Smith, T. L., Company, The. (See Rybeck, Adolph W., assignor.)
Smithey, Marvin, Lawrenceville, Va. Meter. 1,623,562; Apr. 5.
Smith's, John E., Sons Co. (See Knowlton, Eugene W., assignor.)
Smyser, Elmer D., Fellows, Calif., assignor of one-half to A. R. Fletcher, Breckenridge, Tex. Engine. 1,623,502; Apr. 5.
Sobray, Leonard, New York, N. Y. Scaffold shoe. 1,623,892; Apr. 5.
Southern Can Company. (See O'Brien, Frank J., assignor.)
Spaulding, Milo H., Bozeman, Mont. Initiating apparatus. 1,623,282; Apr. 5.
Speedaumatic Company, The. (See Johnson, John E., assignor.)
Spencer, John R., Kingsford, Mich. Saw-crack punch. 1,623,816; Apr. 5.
Spilsbury, Beulah G., assignor to The Munsingwear Corporation, Minneapolis, Minn. Nightgown. 1,623,072; Apr. 5.
Splitdorf Electrical Company. (See Nowosielski, Edward B., assignor.)
Sprague, Linus K. (See Thompson, A. G., and Sprague.)
Springthorpe, Isaac, Philadelphia, assignor, by mesne assignments, to Springthorpe Textile Machine Company, Philadelphia, Pa. Warp-knitting machine. 1,623,603; Apr. 5.
Springthorpe Textile Machine Company. (See Springthorpe, Isaac, assignor.)
Staege, Stephen A. (See Alexander, J. E., and Staege.)
Stahl, August H., Grafton, Nebr. Horse-collar cushion. 1,623,210; Apr. 5.
Stallman, Otto. (See Gubelmann, I., Weiland, and Stallman.)
Stancliff, Clifton L., Bakersfield, Calif. Torch mechanism for welding machines. 1,623,503; Apr. 5.
Standard Arch Company. (See Benson, Davisson A., assignor.)
Standard Development Company. (See Howard, F. A., and Wright, assignors.)
Standard Development Company. (See Messenger, Otis G., assignor.)
Standard Mirror Company. (See La Hodny, William, assignor.)
Standard Motor Construction Company. (See Smith, Benjamin C., assignor.)
Standard Oil Company of California. (See Dicely, Lee W., assignor.)
Starkie, John W., East Elmhurst, N. Y., assignor to The Aeolian Company. Keyboard for organs and the like. 1,623,211; Apr. 5.
Starr, Charles E., Oakland, Calif., assignor to Perfecto Gear Differential Co., Seattle, Wash. Transmission mechanism. 1,623,212; Apr. 5.
Starr, Charles E., Oakland, Calif., assignor to Perfecto Gear Differential Company, Seattle, Wash. Transmission gearing. 1,623,213; Apr. 5.
Steenrod, William J., assignor to Baker-Vawter Company, Benton Harbor, Mich. Locking mechanism for loose-leaf binders. 1,623,283; Apr. 5.
Stephens, William, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Machine for testing porosity of inflatable articles. 1,623,932; Apr. 5.
Sternbergh, Harry S., assignor to W. W. Blakely, Detroit, Mich. Hold-down device. 1,623,762; Apr. 5.
Steward Davit & Equipment Corporation. (See Hills, Harry B., assignor.)
Stewart-Warner Speedometer Corporation. (See Olsen, John K., assignor.)
Stewart-Warner Speedometer Corporation. (See Schweisthal, Fred G., assignor.)
Stewart-Warner Speedometer Corp. (See Sussin, Victor, assignor.)
Stiriss, Jacob, New York, assignor to The Larvex Corporation, Brooklyn, N. Y. Atomizer. 1,623,504; Apr. 5.
Stirling, Charles P. (See Smith, D. A., and Stirling.)
Stoddart, Edwin W., New York, N. Y. Game target plate. 1,623,284; Apr. 5.
Stoker, Hiram. (See Taylor, J. G., and Stoker.)
Stone, Frederick W., Montreal, Quebec, Canada, assignor to Central Commercial Company. Sound record. 1,623,285; Apr. 5.
Stone, George F. A., London, England. Electrical condenser. 1,623,563; Apr. 5.
Storey, Norman C., Passaic, N. J. Vehicle. 1,623,214; Apr. 5.
Strachan, Thomas H., assignor to Dayton Scale Company, Dayton, Ohio. Shipping attachment for weighing scales. 1,623,137; Apr. 5.
Strahan, James L., assignor to The Louden Machinery Company, Fairfield, Iowa. Air control for ventilating systems. 1,623,286; Apr. 5.
Straight, Halver R., Adel, Iowa. Continuous pugging wet pan. 1,623,287; Apr. 5.
Strawn, Ervin E., assignor to A. S. Gilman, Cleveland, Ohio. Duplicating device. 1,623,366; Apr. 5.
Stromberg Electric Company. (See Ostler, Ernest S., assignor.)
Stromberg Motor Devices Co. (See Chandler, Milton E., assignor.)
Stromberg Motor Devices Company. (See Gustafson, Charles J., assignor.)
Studebaker Corporation, The. (See Bourgon, Joseph H., assignor.)
Sturges, Charles E. (See Florey, Edward C., assignor.)
Sullivan, Elizabeth. (See Suvan, Betty, assignor.)
Sullivan, Francis W., Los Angeles, Calif. Valve action for organs and the like. 1,623,367; Apr. 5.
Sunfast Hats, Incorporated. (See Mansbendel, Fritz P., assignor.)
Sun Maid Raisin Growers of California. (See Nichols, Paul F., assignor.)
Super-Diesel Tractor Corporation. (See Scott, Philip L., assignor.)
Superheater Company, The. (See Thom, R. A. and J., assignors.)
Sussin, Victor, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Car heater. 1,623,215; Apr. 5.
Sutherland, Andrew E., Madrid, Iowa. Plow hitch. 1,623,642; Apr. 5.
Suvan, Betty, Chicago, Ill., assignor to Elizabeth Sullivan, Detroit, Mich. Stationery holder. 1,623,604; Apr. 5.
Swanson, Patrick. (See Jackson, J. A., and Swanson.)

Swartz, Niles P., Dalton, Pa. Brake. 1,623,817; Apr. 5.
Sweet Candy Company. (See Cassidy, Willis W., assignor.)
Sweet, Sterling S. (See Sheppard, S. E., and Sweet.)
Swett, Charles E., Boston, assignor to H. H. Beckwith, Brookline, Mass. Box toe. 1,623,073; Apr. 5.
Swiatecki, Wladyslaw, Lublin, Poland. Device for dropping bombs from aircraft. 1,623,893; Apr. 5.
Swift, Frank, Toronto, Ontario, Canada. Tape measure. 1,623,138; Apr. 5.
Symington Company, The. (See Anderson, Gustaf A., assignor.)
Szepesi, Eugene, Boston, Mass. Instrument for graphic control. 1,623,216; Apr. 5.
Tabulating Machine Company, The. (See Carroll, Fred M., assignor.)
Tainton, Urlyn C., Johannesburg, Transvaal, South Africa, Pump. 1,623,605; Apr. 5.
Taplin Manufacturing Company, The. (See Lienhard, Richard B., assignor.)
Tapp, John C., Broomfield, Colo. Gauge. 1,623,643; Apr. 5.
Tarratine Manufacturing Co. Inc. (See Hanson, Hugo H., assignor.)
Tartrais, Eugène H., Maisons-Laffitte, France. Fuel-supply means for heavy-oil engines. 1,623,074; Apr. 5.
Tate, James R., Lowell, Ariz. Spring-clip hanger. 1,623 368; Apr. 5.
Taub, Alex, assignor to General Motors Corporation, Detroit, Mich. Baffle plate in valve chamber. 1,623,322; Apr. 5.
Taylor, Harvey B., Philadelphia, Pa. Impulse turbine. 1,623,446; Apr. 5.
Taylor, John G., and H. Stoker, Lovelock, Nev. Hay loader. 1,623,447; Apr. 5.
Taylor, John M., assignor to Diamond State Fibre Company, Bridgeport, Pa. Mechanical element and making same. 1,623,894; Apr. 5.
Teel, Raymond A., East Bangor, Pa. Flexible coupling. 1,623,857; Apr. 5.
Teetor, Daniel C., Tipton, Ind. Piston ring. 1,623,710; Apr. 5.
Telautograph Corporation. (See Van Nostrand, Arleigh N., assignor.)
Tessier, Julien, assignor to Eastman Kodak Company, Rochester, N. Y. Motion-picture apparatus. 1,623,505; Apr. 5.
Texas Company, The. (See Holmes, Ralph C., assignor.)
Thayer, Fred I., Farmington, N. H. Knot supporter for four-in-hand neckties. 1,623,448; Apr. 5.
Theurich, Paul, Dresden, assignor to the Firm Wezel & Naumann Aktiengesellschaft, Leipzig, Germany. Advertising panel or decorative wall covering. 1,623,564; Apr. 5.
Thieme, Otto, Hartford, Conn., assignor to Underwood Computing Machine Company, New York, N. Y. Typewriting machine. 1,623,217; Apr. 5.
Thingren, Edward, Popotla, Mexico. Music stand. 1,623,565; Apr. 5.
Thom, James. (See Thom, Robert A. and J.)
Thom, Robert A., Bearsden, near Glasgow, and J. Thom, Aberdeen, Scotland, assignors to The Superheater Company, New York, N. Y. Steam generator. 1,623,944; Apr. 5.
Thomas, Benjamin J., Shamokin, Pa. Self-adjusting valve lifter. 1,623,506; Apr. 5.
Thomas, Chester L., Denver, Colo. Presser foot. 1,623,075; Apr. 5.
Thomas, Commadore J. (See Davies, D. B., and Thomas.)
Thomas Elevator Company. (See Wilson, Alexander H., assignor.)
Thompson, Arthur G., New York, N. Y., and L. K. Sprague, assignors to The Henry G. Thompson & Son Company, New Haven, Conn. Metal-cutting machine. 1,623,449; Apr. 5.
Thompson, Henry G., & Son Company, The. (See Thompson, A. G., and Sprague, assignors.)
Thompson, John L., Waterbury, Conn. Shoe-polishing machine. 1,623,218; Apr. 5.
Thompson, Robert G., et al. (See Bell, Frank M., assignor.)
Thorn, J. S., Company. (See Rupp, Charles, assignor.)
Three C Davenport Company. (See Konrad, Otto, assignor.)
Thurtle, Fred E., Butte, Mont. Folding tent. 1,623,507; Apr. 5.
Tichota, August, Dodge, Nebr. Adjustable seat. 1,623,818; Apr. 5.
Till, Henry, Los Angeles, Calif. Creating a hydraulic head. 1,623,369; Apr. 5.
Tolmach, Samuel, New York, N. Y. Vehicle signal. 1,623,219; Apr. 5.
Toniolo, Carlo, Milan, Italy. Manufacture of nitric acid. 1,623,606; Apr. 5.
Toomey, John F., New York, N. Y., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,623,139; Apr. 5.
Topinka, Joseph F., Cleveland, and O. J. Weichart, East Cleveland, Ohio. Cheese cutter. 1,623,288; Apr. 5.
Tovalin, Angel, Monterey, Mexico. Thermoglue vessel. 1,623,763; Apr. 5.
Trail-It Company. (See Greer, Edward R., assignor.)
Travis, Berma A., Sacramento, Calif. Extinguisher for cigarettes and the like. 1,623,140; Apr. 5.
Tremaine, Glenville S., Westfield, N. J. Combination clock and calendar. 1,623,076; Apr. 5.
Trimmer, John W., Cleveland, Ohio. Treating reflectors for headlights, etc. 1,623,711; Apr. 5.
Trinks, William W., assignor to Pulilean Manufacturing Corporation, Bridgeport, Conn. Laundering machine. 1,623,077; Apr. 5.
Tufts, John L., Westboro, Mass. Separation of liquid mixtures and device suitable therefor. 1,623,508; Apr. 5.
Turnbaugh, Ora W., Cambridge, Ohio. Wheel chock. 1,623,895; Apr. 5.
Tvedt, Thomas T., Brooklyn, N. Y. Plane. 1,623,644; Apr. 5.
Twombly, Willard I., New York, N. Y., assignor, by mesne assignments, to The Wilcolator Company, Newark, N. J. Thermostatic control. 1,623,566; Apr. 5.
Underwood Computing Machine Company. (See Thieme, Otto, assignor.)
Underwood Typewriter Company. (See Barker, Benjamin F., assignor.)
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Murphy, Gerald H., assignor.)
Underwood Typewriter Company. (See Neahr, Jacob E., assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. B., assignor.)
United Shoe Machinery Corporation. (See Ballard, Harrie A., assignor.)
United Shoe Machinery Corporation. (See Seely, Thomas H., assignor.)
United States Fire Protection Company. (See Newton, George F., assignor.)
United States Hoffman Machinery Corporation. (See Page, Herbert E., assignor.)
Universal Draft Gear Attachment Co. (See Bartsch, Herbert E., assignor.)
Universal Draft Gear Attachment Co. (See Camp, P. B., and Wilson, assignors.)
Universal Draft Gear Attachment Co. (See Wilson, Jack, assignor.)
Universal Oil Products Company. (See Seguy, Jean D., assignor.)
Utility Manufacturing Co. (See Hutchens, Edward, assignor.)
Van Amburg, Otto H., Bridgeport, Conn., assignor to General Electric Company. Fuse plug. 1,623,819; Apr. 5.
Van Daam, Gerrit, Buffalo, N. Y. Automobile wheel. 1,623,645; Apr. 5.
Van Gale, Louis, Astoria, N. Y. Automobile signal device. 1,623,450; Apr. 5.
Van Nostrand, Arleigh N., Flushing, assignor to Telautograph Corporation, New York, N. Y. Telautograph system. 1,623,220; Apr. 5.
Van Sickle, Frank B. (See Brown, C. A., and Van Sickle.)
Van Voorhis, Cletus C., Princeton, N. J., assignor to Westinghouse Lamp Company. Introducing volatile matter into lamps and the like. 1,623,323; Apr. 5.
Verdery, Horace H., Philadelphia, Pa. Flowerpot trellis. 1,623,646; Apr. 5.
Vetter, Ignatius J., New York, N. Y. Phonograph. 1,623,451; Apr. 5.
Vezzani, Alberto, Genoa, Italy. Cartridge for fire extinguishers. 1,623,289; Apr. 5.
Vigreux, Charles, Balesmes, assignor to Etablissements Poulenc Frères, Paris, France. Apparatus for industrial culture of ferments, yeasts, microbes, and the like. 1,623,896; Apr. 5.
Vivaudou, Victor, New York, N. Y. Cosmetic container. 1,623,509; Apr. 5.
Vortex Mfg. Co., The. (See Barbieri, Cesare, assignor.)
Vortex Mfg. Co. (See McCarthy, John W., assignor.)
Wagel, Srinivas R., New York, N. Y., assignor to The Lehigh Coal and Navigation Company. Briquetting bituminous coal. 1,623,764; Apr. 5.
Waggoner, Albert E., Glenview, assignor to Geo. W. Diener Mfg. Co., Chicago, Ill. Fire extinguisher. 1,623,510; Apr. 5.
Wallnsky, Ossip J., Sea Gate, N. Y., assignor to White Luggage Co. Inc., New York, N. Y. Suitcase. Des. 72,392; Apr. 5.
Walker, Murphy E., Austin, Tex. Meat grinder. 1,623,141; Apr. 5.
Walkup, George M., Minneapolis, Minn. Window structure. 1,623,078; Apr. 5.
Walsh, Cornelius S., Los Angeles, Calif. Device for finishing concrete surfaces. 1,623,142; Apr. 5.
Walstrom, Axel M. (See Williams, G. W., and Walstrom.)
Walz, Ludwig, Cincinnati, Ohio, assignor to The Palm Brothers Decalcomania Company, Norwood, Ohio. Plate or similar article. Des. 72,393; Apr. 5.
Wappat, Fred W., Pittsburgh, Pa. Portable saw. 1,623,290; Apr. 5.
Wappler Electric Company. (See Wappler, F. H., and Koenitz, assignors.)
Wappler, Frederick H., Elmhurst, and A. C. Koenitz, New York, N. Y. assignors to Wappler Electric Company, Inc. Attachment for X-ray tables. 1,623,567; Apr. 5.

Ward, Joseph E. (See Fayle, Charles E., assignor.)
Warner, Harold L. (See McLaughlin, John J., assignor.)
Warren, Alvah H., jr., St. Paul, Minn. Power take-off device. 1,623,765; Apr. 5.
Warren, Robert M., East Orange, N. J., assignor to Dubilier Condenser Corporation. Radiofrequency transformer. 1,623,143; Apr. 5.
Washlake, Adolph P. (See Harvey, R., and Washlake.)
Wasil, Albert P. (See Dudas, A., and Wasil.)
Watkins, John and W. E., Milmay, N. J. Swing-operated fan. 1,623,607; Apr. 5.
Watkins, William E. (See Watkins, John and W. E.)
Way, Alva O., Schenectady, N. Y., assignor to General Electric Company. Coil former. 1,623,766; Apr. 5.
Wayman, Fred, Binghamton, N. Y. Device for controlling the operation of workmen's time clocks. 1,623,370; Apr. 5.
Webb, Edward C., assignor of one-half to G. H. Cowell, London, England. Cigarette case and like container. 1,623,512; Apr. 5.
Weber & Friedrich, Inc. (See Friedrich, Robert F., assignor.)
Weichart, Otto J. (See Topinka, J. F., and Weichart.)
Weidmann, Hans, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Allied Process Corporation, New York, N. Y. Preparation of lithium carbonate. 1,623,513; Apr. 5.
Weight-O-Graph Company. (See Schaper, Harry C., assignor.)
Weiland, Henry J. (See Gubelmann, I., Weiland, and Stallman.)
Weimer, Robert, Apple Creek, Ohio. Combined auto truck and sprayer. 1,623,221; Apr. 5.
Weiss, Leo L., New York, N. Y. Self-propelling toy. 1,623,144; Apr. 5.
Welk, Nelson S., assignor to The McBee Binder Company, Athens, Ohio. Binder for loose-leaf files. 1,623,145; Apr. 5.
Wepplo, Henry J., Minneapolis, Minn. Air pump. 1,623,647; Apr. 5.
Werder, John F., Cleveland, Ohio. Abrasive compound. 1,623,222; Apr. 5.
Werst, Willard C., Pendleton, Oreg. Doorknob spindle. 1,623,324; Apr. 5.
West, James, Jamaica Plain, Mass. Marking device. 1,623,291; Apr. 5.
West, Roger R., Norwood, London, England. Automatic weighing machine. 1,623,820; Apr. 5.
Western Electric Company. (See Carpenter, Warren W., assignor.)
Western Electric Company. (See Jammer, Jacob S., assignor.)
Western Electric Company. (See Kuhn, John J., assignor.)
Western Electric Company. (See Pfannenstiehl, Harry, assignor.)
Western Electric Company. (See Roberts, John G., assignor.)
Western Electric Company. (See Sacia, Charles F., assignor.)
Western Electric Company. (See Williams, S. B., and Gibson, assignors.)
Western Electric Company. (See Wood, Ernest B., assignor.)
Westfield, William P., Park City, Utah. Fire escape. 1,623,821; Apr. 5.
Westinghouse Electric and Manufacturing Company. (See Fay, Carl J., assignor.)
Westinghouse Electric and Manufacturing Company. (See Slepian, J., and Hanna, assignors.)
Westinghouse Lamp Company. (See MacRae, D., and Richardson, assignors.)
Westinghouse Lamp Company. (See Madden, H. D., and Higgins, assignors.)
Westinghouse Lamp Company. (See Van Voorhis, Cletus C., assignor.)
Wetmore, Charles P., assignor to Wetwore-Gibbons Co., Milwaukee, Wis. Making spuds. 1,623,325; Apr. 5.
Wetmore-Gibbons Co. (See Wetmore, Charles P., assignor.)
Wetmore, William O., U. S. Army, Honolulu, Hawaii. Oil liberator. 1,623,371; Apr. 5.
Wetzel, Arno, Milwaukee, Wis. Yarn-tensioning device. 1,623,608; Apr. 5.
Wetzell, Clare A., Sterling, Ill. Toy. Des. 72,394; Apr. 5.
Wetzell, Clare A., Sterling, Ill. Toy. Des. 72,395; Apr. 5.
Wetzell, Clare A., Sterling, Ill. Toy. Des. 72,396; Apr. 5.
Wetzell, Clare A., Sterling, Ill. Toy. Des. 72,397; Apr. 5.
Wetzell, Clare A., Sterling, Ill. Toy. Des. 72,398; Apr. 5.
Weyandt, Claude, Claysburg, Pa. Radiator cap. 1,623,511; Apr. 5.
Wezel & Naumann Aktiengesellschaft. (See Theurich, Paul, assignor.)
Whalen, James, Omaha, Nebr. Electric switch. 1,623,326; Apr. 5.
Wheeling Steel Corporation. (See Cook, William J., assignor.)
Wheland Company, The. (See Campbell, George E., assignor.)
White, John. (See Dent, L. M. E., Mackenzie, and White.)
White Luggage Co. Inc. (See Wallusky, Ossip J., assignor.)
Whitney, Clarence E., et al., executors. (See Hanson, Bengt M. W.)
Whittier, Albert E., Bristol, Conn. Thermostatic circuit control. 1,623,568; Apr. 5.
Widdows, Anna M., Akron, Ohio. Hair-cutting comb. 1,623,292; Apr. 5.
Widell, Magnus E., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Scoring machine. 1,623,223; Apr. 5.
Wiemann, Herbert O., Chesterton, Ind. License indicator. Re16,583; Apr. 5.
Wight, Jarvis S., Brooklyn, N. Y. Vaporizer. 1,623,452; Apr. 5.
Wilber, William R., Los Angeles, Calif. Underreamer. 1,623,453; Apr. 5.
Wilcolator Company, The. (See Twombly, Willard I., assignor.)
Wilder, Clinton E., Irvine, Pa. Pipe mold for centrifugal casting machines. 1,623,146; Apr. 5.
Wilkinson, James, Lynnfield, Mass., assignor to General Electric Company. Emergency governor. 1,623,822; Apr. 5.
Williams, Clifford J., assignor to Briggs Manufacturing Company, Detroit, Mich. Door buffer. 1,623,767; Apr. 5.
Williams, D. T., Valve Company, The. (See Ernst, Harry J., assignor.)
Williams, George W., Oak Park, Ill., and A. M. Walstrom, Minneapolis, Minn., assignors to The Creamery Package Mfg. Company, Chicago, Ill. Soldering machine. 1,623,293; Apr. 5.
Williams, George W., Oak Park, Ill., and A. M. Walstrom, Minneapolis, Minn., assignors to The Creamery Package Mfg. Company, Chicago, Ill. Soldering machine. 1,623,294; Apr. 5.
Williams, John L., Du Bois, Pa. Fisherman's hat. 1,623,768; Apr. 5.
Williams, Ruffin, Wakefield, N. C. Rule. 1,623,897; Apr. 5.
Williams, Samuel B., Brooklyn, N. Y., and E. S. Gibson, Ridgewood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,623,769; Apr. 5.
Willis, Orris C. (See Lewellen, L. J., and Willis.)
Willys-Overland Company, The. (See Belden, Edward H., assignor.)
Willys-Overland Company, The. (See Rhoads, Harry E., assignor.)
Wilson, Alexander H., Oak Park, assignor to Thomas Elevator Company, Chicago, Ill. Hoisting machine. 1,623,147; Apr. 5.
Wilson, Edward A., Jackson Heights, N. Y., assignor to W. H. & A. E. Margerison & Co., Philadelphia, Pa., a firm composed of W. H. and A. E. Margerison. Towel. Des. 72,399; Apr. 5.
Wilson, Harry S., High Rock, Pa. Rescuing device for sunken ships. 1,623,148; Apr. 5.
Wilson, Jack. (See Camp, P. B., and Wilson.)
Wilson, Jack, Chicago, Ill., assignor to Universal Draft Gear Attachment Co. Brake mechanism. 1,623,295; Apr. 5.
Wilson, Peter M., Niagara Falls, N. Y. Eyewash bottle. 1,623,454; Apr. 5.
Wilson, Robert J., Rochester, assignor of one-half to R. S. Crain, Buffalo, N. Y. Rotary gang plow. 1,623,149; Apr. 5.
Winchester Repeating Arms Company. (See de Olaneta, Harold, assignor.)
Winesburg, William, Bristow, Okla. Oil and water well pump. 1,623,150; Apr. 5.
Winnett, Alfred H., Meridian, Tex. Cotton chopper. 1,623,898; Apr. 5.
Wishnevsky, Leo B., Brooklyn, assignor to F. M. Heyman, New York, N. Y. Demountable rim. 1,623,372; Apr. 5.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film and reel therefor. 1,623,514; Apr. 5.
Wohl, Paul J., Frankfort-on-the-Main, Germany. Treatment of gut. 1,623,858; Apr. 5.
Wojciechowski, Frank M., North Attleboro, Mass. Vanity case. Des. 72,400; Apr. 5.
Wold, Knute. (See Erickson, Albert O., assignor.)
Wolf, Ezekiel. (See Fay, R. D., and Wolf.)
Wolff, Karl, Munich, Germany. Motor-vehicle ignition and lighting system. 1,623,648; Apr. 5.
Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Lighting fixture. Des. 72,401; Apr. 5.
Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Lighting fixture. Des. 72,402; Apr. 5.
Wood, Ernest B., Chatham, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Regulating and recording device. 1,623,712; Apr. 5.
Workman, John E., York, Pa. Trap. 1,623,515; Apr. 5.
Wright, James R. (See Howard, F. A., and Wright.)
Wurlitzer, Rudolph, Manufacturing Company. (See Deverall, Charles N., assignor.)
Wurtenberg, Charles. (See Randall, C. J., and Wurtenberg.)

Wustholz, Fred, Claytonville, Ill. Concrete form. 1,623,151; Apr. 5.
Wylie, Adrian W. (See Pennell, R. H. L., and Wylie.)
Xippas, Socrates A., Pittsburgh, Pa. Fan blade and center. 1,623,373; Apr. 5.
Yale, Charles E., Santa Monica, Calif. Key-holding device. 1,623,224; Apr. 5.
Yerk, Henry H., and W. J. Baumberger, Davenport, assignors to Micro Machine Company, Bettendorf, Iowa. Collapsible box. 1,623,609; Apr. 5.
Young, Arthur M., Brentwood, and N. W. Simpson, Bolton, England, assignors to Radio Corporation of America. Radio apparatus. 1,623,152; Apr. 5.
Young, Charles D., Philadelphia, Pa., assignor to Q & C Company, New York, N. Y. Guard-rail structure. 1,623,713; Apr. 5.
Young, Fred M., assignor to Racine Radiator Company, Racine, Wis. Assembling radiators. 1,623,327; Apr. 5.
Zacher, Franz, Erlangen, assignor to the Firm Reiniger, Gebbert & Schall Aktiengesellschaft, Bavaria, Germany. Apparatus for supplying electric current to vacuum tubes. 1,623,569; Apr. 5.
Zane, John M. (See Eckart, George F., assignor.)
Zeindlhofer, Anton, sr., Vienna, Austria, assignor to Groove-Lock Co., Inc., New York, N. Y. Fastening device. 1,623,610; Apr. 5.
Zimmerman, Charles H., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Airship nose batten. 1,623,649; Apr. 5.
Zimmermann, Carl F., assignor to Conveyors Corporation of America, Chicago, Ill. Wash vent for ash-conveyer systems. 1,623,079; Apr. 5.
Zlock, Edward J., Rockford, Ill. Method of and apparatus for finishing knitted articles. 1,623,080; Apr. 5.
Zoelly, Heinrich, Zurich, Switzerland. Railway vehicle. 1,623,516; Apr. 5.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 5TH DAY OF APRIL, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

A battery trickle charger and B supply, Combined. D. R. Lovejoy. 1,623,628; Apr. 5.
Abrasive compound. J. F. Werder. 1,623,222; Apr. 5.
Acid, Manufacture of nitric. C. Toniolo. 1,623,606; Apr. 5.
Acid, Producing 1.8-hydroxynaphthoic. R. Herz and F. Schulte. 1,623,678; Apr. 5.
Addressing machine. J. E. Johnson. 1,623,542; Apr. 5.
Addressing machine. H. C. Osborn. 1,623,265; Apr. 5.
Adjustable seat. A. Tichota. 1,623,818; Apr. 5.
Advertising panel and decorative wall coverings. P. Theurich. 1,623,564; Apr. 5.
Agricultural implement. E. A. Smith and E. R. Finch. 1,623,321; Apr. 5.
Aircraft variable-pitch propeller and blade mounting. A. Nosan. 1,623,549; Apr. 5.
Airship. D. Donchetf. 1,623,865; Apr. 5.
Airship frame. K. Arnstein. 1,623,951; Apr. 5.
Airship, Gas-inflated. H. Baumeister, W. E. Dörr, and K. Hürttle. 1,623,653; Apr. 5.
Airship nose batten. C. H. Zimmerman. 1,623,649; Apr. 5.
Airships, Gas-cell protection for. L. Dürr. 1,623,663; Apr. 5.
Airships, Outer cover on rigid. K. Hürttle. 1,623,680–1; Apr. 5.
Airships, Stabilizing apparatus for rigid. K. Arnstein. 1,623,952; Apr. 5.
Alloy, Nickel. T. S. Fuller. 1,623,948; Apr. 5.
Alloys, Manufacture of chromium iron. B. D. Saklatwalla. 1,623,757; Apr. 5.
Amalgamator and concentrator, Centrifugal. F. D. Lewis. 1,623,421; Apr. 5.
Amplifier, Cabinet. H. B. Newhall and H. W. Pleister. 1,623,065; Apr. 5.
Anatomical restraining appliance. H. Levine. 1,623,125; Apr. 5.
Annunciator drop. C. Auth. 1,623,376; Apr. 5.
Ant trap. W. E. Rawlings. 1,623,439; Apr. 5.
Article-feeding mechanism. E. Nordstrom. 1,623,066; Apr. 5.
Ash-conveyer systems, Wash vent for. C. F. Zimmerman. 1,623,079; Apr. 5.
Atomizer. J. Stiriss. 1,623,504; Apr. 5.
Auditorium, Convertible. J. S. Dean. 1,623,619; Apr. 5.
Auto truck and sprayer, Combined. R. Welmer. 1,623,221; Apr. 5.
Auto wheel puller. J. V. Ray. 1,623,440; Apr. 5.
Automatic regulator. A. M. Sjöö. 1,623,444; Apr. 5.
Automatic sprinkler. G. F. Newton. 1,623,887; Apr. 5.
Automobile body. C. A. Frick and R. W. Dwight. 1,623,946; Apr. 5.
Automobile body. J. E. Larson. Des. 72,374; Apr. 5.
Automobile bumper. C. Girl. 1,623,404; Apr. 5.
Automobile bumper. O. H. Goetz. 1,623,471; Apr. 5.
Automobile bumper. H. S. Jandus. 1,623,412; Apr. 5.
Automobile lock. H. E. Andrew. 1,623,455; Apr. 5.
Automobile signal device. L. Van Gale. 1,623,450; Apr. 5.
Automobile tire. P. H. Ober. Des. 72,382; Apr. 5.
Automobile torpedo. W. Dieter. 1,623,099; Apr. 5.
Automobile ventilator. G. A. Burkholder. 1,623,383; Apr. 5.
Automobile wheel. G. Van Daam. 1,623,645; Apr. 5.
Automobiles, Glass cover for. L. W. Colby. 1,623,718; Apr. 5.
Automotive tool. H. A. Girard. 1,623,786; Apr. 5.
Axle-box-wedge mechanism. R. C. Shipley and J. R. Quigg. 1,623,640; Apr. 5.
Badge or similar article. J. G. Agnew and R. K. Pond. Des. 72,339; Apr. 5.
Baffle plate in valve chamber. A. Taub. 1,623,322; Apr. 5.
Bag clasp and catch, Combined. W. C. Hiering. 1,623,595; Apr. 5.
Baking pan. H. A. Lockwood. 1,623,692; Apr. 5.
Bale-tearing machine. F. Colley. 1,623,936; Apr. 5.
Ball catcher. W. H. Jones and A. Eberle. 1,623,543; Apr. 5.
Banjo. W. L. Lange. 1,623,735; Apr. 5.
Banjo resonator. H. F. Mietz. 1,623,884; Apr. 5.
Bathroom fixture. S. A. Frolking. Des. 72,366–7; Apr. 5.

Bead flipper, Horizontal. E. Hutchens. 1,623,730; Apr. 5.
Beams, Manufacture of flanged. N. C. Rendleman. 1,623,271; Apr. 5.
Beams, Rolling flanged. N. C. Rendleman. 1,623,273; Apr. 5.
Beams with thin webs, Manufacture of flanged. N. C. Rendleman. 1,623,272; Apr. 5.
Bean-separating machine. J. H. Ruttle. 1,623,275; Apr. 5.
Bearing. H. L. Kutter. 1,623,624; Apr. 5.
Bearing, Magnet-power-transmission. J. G. Frank. 1,623,669; Apr. 5.
Bearing, Shaft. O. Poulsen. 1,623,207; Apr. 5.
Beating engine. L. Shlick. 1,623,364; Apr. 5.
Bed couch, Foldable. O. Konrad. 1,623,251; Apr. 5.
Bedpan shield. D. Smith. 1,623,602; Apr. 5.
Beet puller. H. T. Lindgren. 1,623,737; Apr. 5.
Beverage-dispensing device. D. Humphrey. 1,623,597; Apr. 5.
Beverage-mixer attachment. C. Ferguson. 1,623,535; Apr. 5.
Bias strips, Machine for cutting. V. V. Messer. 1,623,354; Apr. 5.
Binder. C. Goldstein. 1,623,339; Apr. 5.
Binder for loose-leaf files. N. S. Welk. 1,623,145; Apr. 5.
Binder, Loose-leaf. A. L. Boyer. 1,623,524; Apr. 5.
Binder, Loose-leaf. F. J. Hruska. 1,623,314; Apr. 5.
Binders, Locking mechanism for loose-leaf. W. J. Steenrod. 1,623,283; Apr. 5.
Blackboard renovators, Cleaning head for. A. P. Bennington. 1,623,520; Apr. 5.
Bleacher, Portable. H. D. Oberdorfer. 1,623,068; Apr. 5.
Blinds and screens, Spring roller for. A. Glenister. 1,623,835; Apr. 5.
Block: *See*—
Building block.
Board: *See*—
Sleeve-finishing board. Slicing board.
Boiler: *See*—
Egg boiler. Superheater boiler.
Bombs from aircraft, Device for dropping. W. Swiatecki. 1,623,893; Apr. 5.
Bottle. R. H. Patterson. Des. 72,385; Apr. 5.
Bottle, Eyewash. P. M. Wilson. 1,623,454; Apr. 5.
Bottle, Milk. O. H. Baker. 1,623,459; Apr. 5.
Bottles, Adapter for vacuum. W. M. Kushner. 1,623,544; Apr. 5.
Box: *See*—
Collapsible box. Milk box.
Flower box. Outlet box.
Hairpin box. Toilet box.
Hat box.
Box for golf clubs and the like, Paper. T. L. Neumann. 1,623,547; Apr. 5.
Box guiding and conveying mechanism, Paper. A. W. Hilsinger. 1,623,310; Apr. 5.
Box toe. C. E. Swett. 1,623,073; Apr. 5.
Boxes, Manufacturing seamless wrought-iron annealing. T. Lammine. 1,623,059; Apr. 5.
Brace: *See*—
Tool brace.
Bracelet. O. Klinke. Des. 72,369; Apr. 5.
Bracket: *See*—
Mirror bracket.
Brake. R. H. Beebe. 1,623,380; Apr. 5.
Brake. J. W. Jepson. 1,623,733; Apr. 5.
Brake. N. P. Swartz. 1,623,817; Apr. 5.
Brake lock. W. G. Bowers and C. A. Smith. 1,623,382; Apr. 5.
Brake mechanism. H. E. Bartsch. 1,623,227; Apr. 5.
Brake mechanism. J. Wilson. 1,623,295; Apr. 5.
Brake-operating means. E. A. Nelson. 1,623,262; Apr. 5.
Brake or clutch. C. D. Schmidt. 1,623,706; Apr. 5.
Brick, Insertible fire. T. E. McCaig. 1,623,632; Apr. 5.
Building block. E. Roberts. 1,623,442; Apr. 5.
Building-block mold. L. E. Gearhart. 1,623,178; Apr. 5.
Bulb-feeding apparatus. C. A. Brown and F. B. Van Sickle. 1,623,825; Apr. 5.
Bumper. W. E. Dunston. 1,623,398; Apr. 5.
Bumper. H. S. Jandus and H. L. Blydenburgh. 1,623,413; Apr. 5.
Bumper, Parallel-bar. R. B. Fageol. 1,623,583; Apr. 5.

Bumpers, Spacer clamp for. R. B. Fageol. 1,623,584; Apr. 5.
Burner: *See*—
Oil burner.
Button. M. Lind and W. C. Lind. 1,623,847; Apr. 5.
Cable clamp and bridle ring. J. Karitzky. 1,623,792; Apr. 5.
Calorimeter. E. G. Borden. 1,623,299; Apr. 5.
Camera. F. X. A. Duhamel. 1,623,534; Apr. 5.
Camera, Automatically-focusing. R. S. Hopkins. 1,623,538; Apr. 5.
Can: *See*—
Oil can.
Can closure, Outturned-edge. F. J. O'Brien. 1,623,808; Apr. 5.
Can pairing and incasing machine. L. W. Dicely. 1,623,393; Apr. 5.
Candle, Electric. F. N. Boss. 1,623,716; Apr. 5.
Candy jumping jack. W. W. Cassidy. 1,623,165; Apr. 5.
Car construction. H. S. Hart. 1,623,591–2; Apr. 5.
Car door, Freight-. H. Bang. 1,623,652; Apr. 5.
Car heater. V. Sussin. 1,623,215; Apr. 5.
Car, Hopper freight. J. A. Shafer. 1,623,071; Apr. 5.
Car, Railway-. R. W. Burnett. 1,623,305; Apr. 5.
Car, Refrigerator. M. Carr. 1,623,305; Apr. 5.
Car, Transfer. S. M. Chase. 1,623,828; Apr. 5.
Car-truck side frame. G. A. Anderson. 1,623,037; Apr. 5.
Cars, Brake mechanism for railway. P. B. Camp and J. Wilson. 1,623,304; Apr. 5.
Carbon catalyst and process of making it. C. B. Jacobs. 1,623,598; Apr. 5.
Carburetor. S. S. Allwill. 1,623,899; Apr. 5.
Carburetor. J. W. Fisher. 1,623,668; Apr. 5.
Carburetor. C. J. Gustafson. 1,623,180; Apr. 5.
Carburetor. J. A. Jackson and P. Swanson. 1,623,682; Apr. 5.
Carburetor. J. T. Jennings. 1,623,683; Apr. 5.
Carburetor. E. H. Kelley, F. Greiwe, and F. E. Hoskin. 1,623,347; Apr. 5.
Carburetors, Air heating and moistener for. W. J. Priestley. 1,623,438; Apr. 5.
Carburetors, Vacuum fuel system for. N. Eckles. 1,623,237; Apr. 5.
Card, Playing. S. Baer. 1,623,035; Apr. 5.
Card, Structure building. E. C. Sixta. 1,623,641; Apr. 5.
Cards, Sensing means for perforated record. F. M. Carroll. 1,623,164; Apr. 5.
Carrier: *See*—
Luggage carrier. Tire carrier.
Case: *See*—
Dental case. Key case.
Casein, Manufacture of shaped articles of. A. Bartels and O. Miech. 1,623,085; Apr. 5.
Cash register. F. L. Fuller. 1,623,722; Apr. 5.
Cashier's robbery protector. H. Hagestedt. 1,623,674; Apr. 5.
Casing slip. G. A. Montgomery. 1,623,885; Apr. 5.
Casting machines, Pipe mold for centrifugal. C. E. Wilder. 1,623,146; Apr. 5.
Catch. J. Buffington. 1,623,302; Apr. 5.
Caviar, Making. D. H. Smith. 1,623,601; Apr. 5.
Cellulose acetate, Bleaching. R. Baybutt and E. S. Farrow, jr. 1,623,519; Apr. 5.
Cement, Making. L. Kern. 1,623,876; Apr. 5.
Chain. F. W. Emrick. 1,623,172; Apr. 5.
Channeling machine. H. A. Ballard. 1,623,225–6; Apr. 5.
Cheese cutter. J. F. Topinka. 1,623,288; Apr. 5.
Choke coil with switching in tap transformer, Control of. A. Hundt. 1,623,839; Apr. 5.
Chuck. H. Sauveur. 1,623,705; Apr. 5.
Cigarette case and like container. E. C. Webb. 1,623,512; Apr. 5.
Cigarette holder and the like. H. Potts. 1,623,635; Apr. 5.
Cigarettes and the like, Extinguisher for. B. A. Travis. 1,623,140; Apr. 5.
Circuit breaker for drying machines and the like, Automatic. J. E. Alexander and S. A. Staege. 1,623,611; Apr. 5.
Circuit-closing device. E. T. Bellman. 1,623,571; Apr. 5.
Circuit control, Thermostatic. A. E. Whittier. 1,623,568; Apr. 5.
Circuit interrupter. W. E. Paul. 1,623,851; Apr. 5.
Clamp: *See*—
Rope clamp.
Clock. J. C. Burke. 1,623,907; Apr. 5.
Clock and calendar, Combination. G. S. Tremaine. 1,623,076; Apr. 5.
Clock, Intermittent-alarm. W. E. Porter. 1,623,698; Apr. 5.
Clock mechanism, Noiseless. E. S. Ostler. 1,623,266; Apr. 5.
Clocks, Device for controlling the operation of workmen's time. F. Wayman. 1,623,370; Apr. 5.
Closure. P. P. Horni. 1,623,477; Apr. 5.
Clothesline, Supporting attachment for. L. Hagen. 1,623,919; Apr. 5.
Clutch, Automatic. F. L. Broussouse. 1,623,862; Apr. 5.
Clutch, Friction. W. C. De Roo. 1,623,236; Apr. 5.
Clutch, Friction. D. E. Gamble. 1,623,470; Apr. 5.
Coal, Briquetting bituminous. S. R. Wagel. 1,623,764; Apr. 5.
Coal drying. O. W. Randolph. 1,623,553; Apr. 5.
Coaster wagon. W. M. Shewry. 1,623,443; Apr. 5.
Coat. F. Dalkner. 1,623,781; Apr. 5.
Coffee grinders or the like, Hopper for. M. K. Akers. Des. 72,340; Apr. 5.
Coil former. A. O. Way. 1,623,766; Apr. 5.
Coin-controlled mechanism. C. Di Martino and E. Lindquist. 1,623,466; Apr. 5.
Coin selector. G. F. Hochriem. 1,623,186; Apr. 5.
Collapsible box. H. H. Yerk and W. J. Baumberger. 1,623,609; Apr. 5.
Colter. E. Morberg. 1,623,488; Apr. 5.
Columns, Constructing. H. T. Kraft. 1,623,939; Apr. 5.
Comb: *See*—
Hair-cutting comb.
Compressor. W. W. Bavington. 1,623,378; Apr. 5.
Compressor. F. E. Holmes. 1,623,596; Apr. 5.
Compressor unloader. J. Naab. 1,623,489; Apr. 5.
Concrete form. F. Wustholz. 1,623,151; Apr. 5.
Concrete-molding apparatus. S. Lake. 1,623,625; Apr. 5.
Concrete paving, Reenforced-. G. D. Burr. 1,623,090; Apr. 5.
Concrete surfaces, Device for finishing. C. S. Walsh. 1,623,142; Apr. 5.
Condenser. T. T. Rodgers, M. A. Giblin, and F. K. and G. T. Moore. 1,623,360; Apr. 5.
Condenser, cooler, and absorber. C. F. Braun. 1,623,617; Apr. 5.
Conductor support. H. P. Chandler. 1,623,658; Apr. 5.
Conductor support. S. S. Mattbes. 1,623,694; Apr. 5.
Confections and napkins, Holder for. J. D. Kohler. 1,623,926; Apr. 5.
Console table. O. B. Bach. Des. 72,338; Apr. 5.
Containers, Closing. J. M. Hothersall. 1,623,245; Apr. 5.
Control apparatus. C. F. Kettering. 1,623,121; Apr. 5.
Cop-winding frame. O. Lambert. 1,623,191; Apr. 5.
Corn from the cob, Machine for cutting green. F. W. Burpee. 1,623,088; Apr. 5.
Corrugating machine. D. V. Edwards. 1,623,467; Apr. 5.
Corrugating machine. C. A. Frick. 1,623,916; Apr. 5.
Cosmetic container. V. Vivaudou. 1,623,509; Apr. 5.
Cotton chopper. A. H. Winnett. 1,623,898; Apr. 5.
Coupling: *See*—
Flexible coupling. Screen coupling.
Coupling. R. A. Hage. 1,623,110; Apr. 5.
Coupling and making the same. J. W. Napier. 1,623,064; Apr. 5.
Couplings, Fitting for quick-detachable. G. W. De Loache. 1,623,097; Apr. 5.
Creel. J. O. McKean. 1,623,546; Apr. 5.
Cultivator. A. J. Kern. 1,623,120; Apr. 5.
Cup dispenser. J. W. McCarthy. 1,623,353; Apr. 5.
Cup-forming machine, Paper-. C. Barbieri. 1,623,329; Apr. 5.
Cup-machine carton-loading attachment. C. Barbieri. 1,623,330; Apr. 5.
Cups, Process and apparatus for making. J. G. Norton. 1,623,197; Apr. 5.
Currents, Method and apparatus for producing alternating. R. D. Fay and E. Wolf. 1,623,665; Apr. 5.
Curtain and shade holder, Combination. J. Donay. 1,623,578; Apr. 5.
Cutter: *See*—
Cheese cutter. Paper cutter.
Green-vegetable cutter. Wire-cable cutter.
Cutter. D. P. Owens. 1,623,201; Apr. 5.
Cutting tool, Rotary. F. G. Echols. 1,623,953; Apr. 5.
Cyanides from masses containing the same, Removing. C. B. Jacobs. 1,623,599; Apr. 5.
Cylinders, Discharging device for rotary. A. C. Deer. 1,623,527; Apr. 5.
Demountable seat. H. C. McGregor and D. B. McGregor. 1,623,259; Apr. 5.
Dental case. R. M. Kerr. 1,623,793; Apr. 5.
Dephlegmation, Process and apparatus of. J. D. Seguy. 1,623,136; Apr. 5.
Detonator-control mechanism. J. H. Hammond, jr. 1,623,475; Apr. 5.
Diathermy ear applicator. J. D. Pollard. 1,623,552; Apr. 5.
Dishwasher. J. F. Patterson. 1,623,203; Apr. 5.
Dishwashing machine. R. Harvey and A. P. Washlake. 1,623,182; Apr. 5.
Dispensing device. R. H. Little. 1,623,690; Apr. 5.
Dispensing device. J. J. Seelman. 1,623,708; Apr. 5.
Display carton, Shoe. E. B. Loewenbach. 1,623,545; Apr. 5.
Display form and making same. L. W. Reinhardt. 1,623,931; Apr. 5.
Doll. E. Manuel. Des. 72,380; Apr. 5.
Door buffer. C. J. Williams. 1,623,767; Apr. 5.
Door construction, Metal. E. V. Coulston. 1,623,334; Apr. 5.
Door-operating apparatus, Electrically-controlled. P. R. Forman. 1,623,173; Apr. 5.
Door-operating system for one-man cars. P. R. Forman. 1,623,174; Apr. 5.
Door protector and gang board, Inside-. C. E. Cannaday. 1,623,776; Apr. 5.
Doorframe. A. Z. Johnson. 1,623,874; Apr. 5.
Doorknob spindle. W. C. Werst. 1,623,324; Apr. 5.
Doorlock. F. J. Dowling. 1,623,579; Apr. 5.

Doors, Electric interlock for elevator. R. S. Peelle. 1,623,267; Apr. 5.
Doors of railway coaches, System for operating the exit and trap. H. Rowntree and R. D. Conklin. 1,623,556; Apr. 5.
Double-acting trap. C. F. King. 1,623,841; Apr. 5.
Doubling and twisting machines, Attachment for silk. M. Kieffer. 1,623,685; Apr. 5.
Draining rack for containers. J. Davidson. 1,623,392; Apr. 5.
Drill: *See*—
Rock drill.
Drill holder, Swivel-head. J. V. Nelson. 1,623,747; Apr. 5.
Drilling and the like, Apparatus for. C. D. King. 1,623,250; Apr. 5.
Drilling apparatus. M. A. Baker. 1,623,084; Apr. 5.
Dry cell. H. de Olaneta. 1,623,719; Apr. 5.
Drying apparatus. C. J. Hunt. 1,623,540; Apr. 5.
Duplicating device. E. E. Strawn. 1,623,366; Apr. 5.
Dyeing textile materials. H. B. Smith. 1,623,709; Apr. 5.
Dyestuffs of the thioindigo series, Green blue to green vat. R. Herz and J. Müller. 1,623,410; Apr. 5.
Dynamo-electric machine. H. T. Lang. 1,623,846; Apr. 5.
Dynamometer gauge. T. H. Frost and P. Heymans. 1,623,238; Apr. 5.
Egg beater. R. B. Llenhard. 1,623,256; Apr. 5.
Egg boiler, Automatic. P. P. Chapin and W. J. Kupec. 1,623,093; Apr. 5.
Electric-current regulator. T. P. Peterson. 1,623,492; Apr. 5.
Electric current to vacuum tubes, Apparatus for supplying. F. Zacher. 1,623,569; Apr. 5.
Electric-lift machine and the like. J. B. M. Knutsen. 1,623,349; Apr. 5.
Electric-light fixtures, Arm for. C. W. Logan. Des. 72,376; Apr. 5.
Electric receptacle. J. W. Phelps. 1,623,205; Apr. 5.
Electric switch. J. D. Hilliard. 1,623,787; Apr. 5.
Electric switch. J. Whalen. 1,623,326; Apr. 5.
Electrical apparatus and core therefor. N. M. Hopkins. 1,623,345; Apr. 5.
Electrical circuits, Method and apparatus for interrupting. W. Dubilier. 1,623,531; Apr. 5.
Electrical condenser. G. F. A. Stone. 1,623,563; Apr. 5.
Electrical condenser, Variable. L. R. McDonald. 1,623,741–2; Apr. 5.
Electrical conductors, Manually-carried transporting device for. H. A. Bittick. 1,623,823; Apr. 5.
Electrical impulses, System for transmitting. A. Barnay. 1,623,714; Apr. 5.
Electrically-controlled cut-out. K. S. Hensley. 1,623,115; Apr. 5.
Electrolytic cell. A. A. Jahnke. 1,623,246; Apr. 5.
Ellipsograph. K. Kiefer. 1,623,348; Apr. 5.
Emblem, Interchangeable. H. C. Logan. 1,623,693; Apr. 5.
Engine: *See*—
Heating engine. Internal-combustion engine.
Gas engine.
Engine. E. D. Smyser. 1,623,502; Apr. 5.
Engines, Air intake for internal-combustion. E. C. Florey. 1,623,721; Apr. 5.
Engines, Apparatus for supplying fuel to internal-combustion. S. J. Pingree. 1,623,750; Apr. 5.
Engines, Carburetor for internal-combustion. J. Sieber. 1,623,760; Apr. 5.
Engines, Controlling combustion in internal-combustion. F. A. Howard and J. R. Wright. 1,623,053; Apr. 5.
Engines, Cooling system for internal-combustion. W. W. Muir. 1,623,803–4; Apr. 5.
Engines, Cylinder structure for internal-combustion. H. R. Setz. 1,623,639; Apr. 5.
Engines, Draining means for splash troughs of internal combustion. G. A. Lauver. 1,623,254; Apr. 5.
Engines, Fuel heater for internal-combustion. H. E. Rhoads. 1,623,441; Apr. 5.
Engines, Fuel supply means for heavy oil. E. H. Tartrais. 1,623,074; Apr. 5.
Engines, Intake manifold for internal-combustion. E. R. Burtnett. 1,623,388; Apr. 5.
Engines, Lubrication system for internal-combustion. E. H. Belden. 1,623,461; Apr. 5.
Engines, Valve for internal-combustion. O. C. Funderburk. 1,623,176–7; Apr. 5.
Engines, Valve gear in internal-combustion. M. J. B. Barbarou. 1,623,041; Apr. 5.
Engines, Valve mechanism for internal-combustion. D. B. Burns. 1,623,525; Apr. 5.
Engines, Water circulator and air moistener for water-cooled internal-combustion. R. Beck. 1,623,229; Apr. 5.
Evaporator system, Low-heat-level. L. E. Sebald. 1,623,941; Apr. 5.
Excavating machine. F. C. Marshall. 1,623,194; Apr. 5.
Exerciser, Muscle. A. Giraldi. 1,623,869; Apr. 5.
Exercising apparatus. L. Frankenfeld. 1,623,670–1; Apr. 5.
Exhaust cut-out. E. R. Draver. 1,623,580; Apr. 5.
Explosive cap. W. Eschbach. 1,623,664; Apr. 5.
Fabric, Painted. J. H. Mack. Des. 72,378; Apr. 5.
Fan blade and center. S. A. Xippas. 1,623,873; Apr. 5.
Fan or blower, Exhaust. R. D. Anderson. 1,623,650; Apr. 5.
Fan, Swing-operated. J. and W. E. Watkins. 1,623,607; Apr. 5.
Fastener. W. H. Shearer. 1,623,891; Apr. 5.
Fastener-setting machine. J. K. Diamond. 1,623,783; Apr. 5.
Fastener strip or fly for garments. L. Rosenman. 1,623,361; Apr. 5.
Fastening device. A. Zeindlhofer, sr. 1,623,610; Apr. 5.
Fastening-inserting machine. T. H. Seely. 1,623,279; Apr. 5.
Faucet attachment. F. Joseph and I. P. Creamer. 1,623,248; Apr. 5.
Feeder, Chicken. C. Kassy. 1,623,840; Apr. 5.
Fencing construction. C. K. Jackson. 1,623,873; Apr. 5.
Ferments, yeasts, microbes, and the like, Apparatus for the industrial culture of. C. Vigreux. 1,623,896; Apr. 5.
Fibrous composition and articles produced therefrom, Making. E. F. Germain. 1,623,588; Apr. 5.
Fibrous composition, Apparatus for and method of making articles from. P. Beebe. 1,623,033; Apr. 5.
Film, Process and apparatus for treating. C. de Moos. 1,623,528; Apr. 5.
Fire escape. W. P. Westfield. 1,623,821; Apr. 5.
Fire extinguisher. A. E. Waggoner. 1,623,510; Apr. 5.
Fire extinguishers, Cartridge for. A. Vezzani. 1,623,289; Apr. 5.
Fireplace grate. H. V. Lancaster. Des. 72,370–3; Apr. 5.
Fishhook. A. Goodgame. 1,623,870; Apr. 5.
Fixture support and base, Combination. D. Schell. 1,623,813; Apr. 5.
Flanged fin. W. B. Klemperer. 1,623,938; Apr. 5.
Flash-light casings, Making. E. G. Oakley. 1,623,807; Apr. 5.
Flexible coupling. G. F. Eckart. 1,623,582; Apr. 5.
Flexible coupling. R. A Teel. 1,623,857; Apr. 5.
Floor-laying device. J. L. McWilliams and J. Marosky. 1,623,882; Apr. 5.
Floors, Reenforcing concrete. O. Konrad. 1,623,252; Apr. 5.
Floss holder. C. B. Bowling and H. Bulman. 1,623,231; Apr. 5.
Flower box, Irrigated and ventilated. S. Ellis. 1,623,720; Apr. 5.
Flower holder. R. Shoch. 1,623,856; Apr. 5.
Fluid compressor, Multistage. A. W. Limont, jr. 1,623,798; Apr. 5.
Fluid-pressure-operated device. C. T. Crocker. 1,623,780; Apr. 5.
Fly book. P. H. Martinson. 1,623,429; Apr. 5.
Flying machine. M. M. Arndt. 1,623,613; Apr. 5.
Food products, Removing sulphur dioxide and compounds from. L. Rosenstein. 1,623,070; Apr. 5.
Frame: *See*—
Airship frame. Sash frame.
Car-truck side frame. Truck side frame.
Cop-winding frame. Window frame.
Fuel and producing same. C. J. Greenstreet. 1,623,241; Apr. 5.
Fuel control. M. E. Chandler. 1,623,166; Apr. 5.
Fuel-supply system. F. F. Dorsey. 1,623,049; Apr. 5.
Fuel-supply tanks and the like, Indicator for. J. D. Durant. 1,623,832; Apr. 5.
Fuel, Vaporizing. C. F. Larzelere and C. H. Neumeyer. 1,623,253; Apr. 5.
Furnace: *See*—
Metallurgical furnace.
Furnace. A. G. Boyd. 1,623,087; Apr. 5.
Furnace and cooling device. T. E. Murray. 1,623,746; Apr. 5.
Furnace-roof structure. D. A. Benson. 1,623,860; Apr. 5.
Fuse plug. O. H. Van Amburg. 1,623,819; Apr. 5.
Game. J. Mayer. 1,623,881; Apr. 5.
Game apparatus, Baseball-. E. V. Babbitt. 1,623,038; Apr. 5.
Game target plate. E. W. Stoddart. 1,623,284; Apr. 5.
Garment, Child's sleeping. J. H. Rambo. 1,623,753; Apr. 5.
Gas engine, Two-cycle. B. F. Augustine. 1,623,296; Apr. 5.
Gas heater. A. B. Miller and W. H. Kellner. 1,623,487; Apr. 5.
Gas jet and igniting same. A. V. Conover. 1,623,464; Apr. 5.
Gas safety plate. H. F. Profontaine. 1,623,812; Apr. 5.
Gas-separating apparatus. M. M. Reynolds. 1,623,636; Apr. 5.
Gasoline receptacle. A. M. Goodykoontz. 1,623,107; Apr. 5.
Gate. J. A. Dodd. 1,623,394; Apr. 5.
Gauge: *See*—
Dynamometer gauge. Oil gauge.
Liquid-level gauge. Toe-in gauge.
Micrometer gauge.
Gauge. J. C. Tapp. 1,623,643; Apr. 5.
Gauge for mortising machines. V. H. Kelley. 1,623,621; Apr. 5.
Gearing, Change-speed. A. Laub. 1,623,418; Apr. 5.
Gearing, Transmission. C. E. Starr. 1,623,213; Apr. 5.
Generator: *See*—
Steam generator.

Generator, Electrical apparatus comprising a slow-wave. J. E. Clapp. 1,623,829; Apr. 5.
Geometrical instrument. L. P. Kolodge. 1,623,623; Apr. 5.
Getter and the application thereof. D. MacRae and H. K. Richardson. 1,623,351; Apr. 5.
Glass: *See*—
Heat-resisting glass.
Glass, Forming and delivering charges of molten. J. F. Rule. 1,623,362; Apr. 5.
Glass from blowpipes, Apparatus for removing waste. J. L. Dunnock and C. R. Nixon. 1,623,581; Apr. 5.
Glass vessels, Manufacturing double-walled. W. Hodecker. 1,623,311; Apr. 5.
Golf balls, Tee for. G. Kearney. 1,623,119; Apr. 5.
Golf club. L. L. Bourke. 1,623,523; Apr. 5.
Golf game. G. B. Allen. 1,623,518; Apr. 5.
Golf tee. L. M. E. Dent, A. Mackenzie, and J. White. 1,623,782; Apr. 5.
Governor. H. S. Loomis. 1,623,103; Apr. 5.
Governor, Emergency. J. Wilkinson. 1,623,822; Apr. 5.
Gown, Night-. B. G. Splisbury. 1,623,072; Apr. 5.
Grade indicator. C. W. Cutter. 1,623,234; Apr. 5.
Grain sifter. A. Mironuck. 1,623,356; Apr. 5.
Gravity table. F. J. Manrock. 1,623,427; Apr. 5.
Grinder, Meat. M. E. Walker. 1,623,141; Apr. 5.
Grinder shaft. F. H. Neuring. 1,623,116; Apr. 5.
Guaiacol, Making. I. Gubelmann, H. J. Welland, and O. Stallman. 1,623,949; Apr. 5.
Guard-rail structure. C. D. Young. 1,623,713; Apr. 5.
Gut, Treatment of. P. J. Wohl. 1,623,858; Apr. 5.
Hair-curling apparatus. P. Santurello. 1,623,758; Apr. 5.
Hair-cutting comb. A. M. Widdows. 1,623,292; Apr. 5.
Hairdressing appliance. T. J. and J. M. Martin. 1,623,630; Apr. 5.
Hairpin box. V. A. Joy. 1,623,684; Apr. 5.
Hair waver. B. E. Haynes. 1,623,838; Apr. 5.
Hair-waving device. L. Luznovsky. 1,623,736; Apr. 5.
Hand-bag frame. E. Poeter. Des. 72,386–8; Apr. 5.
Handkerchief. M. P. Bee. Des. 72,347; Apr. 5.
Hanger: *See*—
Spring-clip hanger.
Harrow. R. C. Haugland. 1,623,114; Apr. 5.
Hat box. A. Berkowitz. 1,623,715; Apr. 5.
Hat, Fisherman's. J. I. Williams. 1,623,768; Apr. 5.
Hay loader. J. G. Taylor and H. Stoker. 1,623,447; Apr. 5.
Hayrake. W. F. Mottier. 1,623,062; Apr. 5.
Headlight-control switch. J. Glzewski. 1,623,937; Apr. 5.
Headlight, Dirigible. J. M. Dorton. 1,623,395; Apr. 5.
Headlight glareshield. T. L. Day. 1,623,831; Apr. 5.
Headlights, etc., Treating reflectors for. J. W. Trimmer. 1,623,711; Apr. 5.
Heat-control device. Oven. E. L. and W. E. Claus. 1,623,576; Apr. 5.
Heat-resisting glass. R. F. Brenner. 1,623,301; Apr. 5.
Heater. T. H. Kennedy. 1,623,415; Apr. 5.
Heater and purifier. J. Gruber. 1,623,242; Apr. 5.
Heater: *See*—
Car heater. Vehicle heater.
Gas heater.
Heating system, Drier-. A. MacKay. 1,623,425; Apr. 5.
Heel-seat-cutting machine. B. M. Pericaud. 1,623,551; Apr. 5.
Highboy. O. B. Bach. Des. 72,343; Apr. 5.
Hinge. O. J. Berger. 1,623,572; Apr. 5.
Hoisting machine. A. H. Wilson. 1,623,147; Apr. 5.
Hold-down device. H. S. Sternbergh. 1,623,762; Apr. 5.
Holding device for wild animals. 1,623,774; Apr. 5.
Horn. S. Goldberg. 1,623,106; Apr. 5.
Horn, Acoustic. J. Slepian and C. R. Hanna. 1,623,561; Apr. 5.
Horse-collar cushion. A. H. Stahl. 1,623,210; Apr. 5.
Hot-dish lifter. G. B. Hosler. 1,623,679; Apr. 5.
Housing for universal connections, Fixed. D. P. Owens. 1,623,200; Apr. 5.
Huller and opener. W. L. Hancock. 1,623,181; Apr. 5.
Hydraulic head, Creating a. H. Till. 1,623,369; Apr. 5.
Hydrocarbons, Condensation of. E. W. Isom and J. M. Bell. 1,623,790; Apr. 5.
Hydrocarbons, Treating. O. G. Messenger. 1,623,061; Apr. 5.
Hydrogen sulphide, Preparation of. A. Henwood. 1,623,942; Apr. 5.
Ice pick. H. C. Asmus. 1,623,375; Apr. 5.
Ignition and lighting system, Motor-vehicle. K. Wolff. 1,623,648; Apr. 5.
Ignition systems, Inductance coil for. M. Mallory. 1,623,426; Apr. 5.
Incandescent filament. G. R. Fonda. 1,623,784; Apr. 5.
Inclination indicator. L. G. Shinn. 1,623,759; Apr. 5.
Inclinometer. C. M. Collins. 1,623,465; Apr. 5.
Indicating device. E. R. Gurney. 1,623,472; Apr. 5.
Indicating device. H. R. Sargent. 1,623,950; Apr. 5.
Indicator: *See*—
Grade indicator. License indicator.
Inclination indicator. Liquid-level indicator.
Inflatable articles, Machine for testing porosity of. W. Stephens. 1,623,932; Apr. 5.
Initiating apparatus. M. H. Spaulding. 1,623,282; Apr. 5.
Instrument for graphic control. E. Szepesi. 1,623,216; Apr. 5.
Insulating and plaster board from corn stalks, Manufacturing. J. J. Hinde. 1,623,184; Apr. 5.
Interlocking control for multistage compressors, Centralizer. S. B. Redfield. 1,623,404; Apr. 5.
Internal-combustion engine. E. H. Belden. 1,623,462; Apr. 5.
Internal-combustion engine. E. R. Burtnett. 1,623,384–7; Apr. 5.
Internal-combustion engine. E. R. Burtnett. 1,623,389–91; Apr. 5.
Internal-combustion engine. J. D. Granath. 1,623,589; Apr. 5.
Internal-combustion engine. B. C. Smith. 1,623,501; Apr. 5.
Internal-combustion-engine attachment. J. M. Mader. 1,623,940; Apr. 5.
Internal-combustion engine, Double-acting. M. G. Koury. 1,623,416; Apr. 5.
Internal-combustion engine, Rotary. C. H. Kain. 1,623,875; Apr. 5.
Ironing machine, Universal. J. Huebsch. 1,623,187; Apr. 5.
Jack: *See*—
Candy jumping jack. Jumping jack.
Jacks, Operating mechanism for lifting. F. L. Gormley. 1,623,108; Apr. 5.
Jar: *See*—
Preserving jar.
Joint: *See*—
Pipe joint. Universal joint.
Key case. C. Lorber. 1,623,627; Apr. 5.
Key-holding device. C. E. Yale. 1,623,224; Apr. 5.
Kiln for glass melting and like purposes. G. E. Crawford. 1,623,770; Apr. 5.
Kitchen table. J. Patenaude. 1,623,850; Apr. 5.
Kitchen utensil. I. P. Ruff. 1,623,703; Apr. 5.
Knife, Cardboard-box. F. L. Blevin and A. D. Ferguson. 1,623,158; Apr. 5.
Knitted articles, Method of and apparatus for finishing. E. J. Zlock. 1,623,080; Apr. 5.
Knitting machines, Knotting mechanism for. E. W. Clarke. 1,623,233; Apr. 5.
Knurling tool. G. W. Dover. 1,623,662; Apr. 5.
Lace medallion, Embroidered. M. Savitzky. Des. 72,389–1; Apr. 5.
Lamp. O. B. Bach. Des. 72,346; Apr. 5.
Lamp and loud-speaker, Combination. F. C. Caswell. 1,623,935; Apr. 5.
Lamp, Arc. E. J. Murphy. 1,623,848; Apr. 5.
Lamp casing, Vehicle signal-. E. H. Bessette. Des. 72,348; Apr. 5.
Lamp, Electric. F. Skaupy. 1,623,761; Apr. 5.
Lamp, Motor-vehicle. G. Y. Lauchin. 1,623,687; Apr. 5.
Lamp, Running-board. W. A. Pearsall, jr. 1,623,131; Apr. 5.
Lamp sockets, Lock attachment for electric. C. F. McCann and R. A. Berrenberg. 1,623,740; Apr. 5.
Lamps and its manufacture, Metal cap for electric incandescent. L. P. Graner. 1,623,836; Apr. 5.
Lantern. W. E. Price. 1,623,699; Apr. 5.
Lapping machine. W. A. Oubridge. 1,623,697; Apr. 5.
Lasting machine. T. H. Seely. 1,623,135; Apr. 5.
Lathe, Copying. H. A. Schultz. 1,623,638; Apr. 5.
Laundering machine. W. W. Trinks. 1,623,077; Apr. 5.
Leather treating process and apparatus for same. G. S. Neeley. 1,623,943; Apr. 5.
Leer-charging apparatus, Conveyer for. F. H. Johnson and S. R. Lathrop. 1,623,247; Apr. 5.
License indicator. H. O. Wiemann. Re16,583; Apr. 5.
Lifeboats, Drain device for. H. B. Hills. 1,623,727; Apr. 5.
Lifter: *See*—
Hot-dish lifter. Valve lifter.
Lighting fixture. H. H. Wolter. Des. 72,401–2; Apr. 5.
Lighting-fixture backplate. L. A. Crumley. Des. 72,354; Apr. 5.
Lighting-fixture bracket. L. A. Crumley. Des. 72,350; Apr. 5.
Lighting-fixture bracket. L. A. Crumley. Des. 72,352; Apr. 5.
Lighting-fixture strap. L. A. Crumley. Des. 72,351; Apr. 5.
Lighting-fixture strap. L. A. Crumley. Des. 72,353; Apr. 5.
Lighting wall fixture, Electric. M. Levitan. Des. 72,375; Apr. 5.
Lining material to covers, Apparatus for applying. B. Dewey and T. T. Miller. 1,623,529; Apr. 5.
Liquid-level gauge. A. K. Schaap, jr. 1,623,855; Apr. 5.
Liquid-level indicator. A. A. Kramer. 1,623,122; Apr. 5.
Liquid-level regulating and controlling apparatus. H. D. Pownall. 1,623,811; Apr. 5.
Liquid mixtures and device suitable therefor, Separation of. J. L. Tufts. 1,623,508; Apr. 5.
Liquids, Apparatus for mixing and delivering. R. H. L. Penneil and W. Wylie. 1,623,132; Apr. 5.
Liquids, Automatic mixing and discharging system for plural-. H. E. Hoffman. 1,623,476; Apr. 5.
Lithium carbonate, Preparation of. H. Weidmann. 1,623,513; Apr. 5.

Lock: *See*—
Automobile lock. Transmission lock.
Brake lock. Trunk lock.
Nut lock. Window lock.
Locking mechanism, Door. A. N. Rhodes. 1,623,853; Apr. 5.
Locking nut, Self-. H. G. L. Kolthoff. 1,623,686; Apr. 5.
Locomotives, Draft control for. A. Johnson. 1,623,054; Apr. 5.
Loom. J. Lucas. 1,623,258; Apr. 5.
Looms of more than one shuttle, Filling-replenishing mechanism for. E. A. Blackston. 1,623,861; Apr. 5.
Looms, Intermittent feeler mechanism for. A. Ouellette. 1,623,491; Apr. 5.
Looms, Tension device for the harness of. J. Giardino. 1,623,105; Apr. 5.
Loud speaker, Cone type. W. H. Gerns. Des. 72,368; Apr. 5.
Lubricating device. F. C. Blanchard. 1,623,775; Apr. 5.
Lubricating system. C. C. Goodrich. 1,623,240; Apr. 5.
Luggage carrier. J. L. McGaugh. 1,623,484; Apr. 5.
Machine for husking almonds and other kernels and the like. R. F. Macfarlane. 1,623,729; Apr. 5.
Machine tools, Feed mechanism for. J. R. Johnson. 1,623,346; Apr. 5.
Machines for material treatment, Feeding and discharging apparatus for. J. Prokop. 1,623,701; Apr. 5.
Magneto. B. P. Remy. 1,623,270; Apr. 5.
Marker for pavements. F. M. Baisley. 1,623,297; Apr. 5.
Marking device. J. West. 1,623,291; Apr. 5.
Massage and shampooing apparatus. H. C. Laufe. 1,623,124; Apr. 5.
Measuring device. G. D. Livingston. 1,623,192; Apr. 5.
Measuring device, Height-. E. H. Hand. 1,623,406; Apr. 5.
Measuring instrument. C. E. Foster. 1,623,915; Apr. 5.
Meat-cutting machines, Attachment for. E. W. Knowlton. 1,623,795; Apr. 5.
Mechanical element and making same. J. M. Taylor. 1,623,894; Apr. 5.
Mechanical movement. H. A. Holmes. 1,623,872; Apr. 5.
Mechanical movement. R. D. Jacobs. 1,623,732; Apr. 5.
Melting pot, Electric. F. Schuster. 1,623,209; Apr. 5.
Metal-cutting machine. A. G. Thompson and L. K. Sprague. 1,623,449; Apr. 5.
Metal pipe, Producing galvanized corrugated. W. J. Cook. 1,623,618; Apr. 5.
Metallic structure. D. H. Bellamore. 1,623,155; Apr. 5.
Metallurgical furnace. F. A. Fahrenwald. 1,623,469; Apr. 5.
Meter. M. Smithey. 1,623,562; Apr. 5.
Micrometer gauge. W. L. Bryant. 1,623,574; Apr. 5.
Milk box. C. Callison. 1,623,827; Apr. 5.
Milk-can-steaming and water-heating system. H. F Berg. 1,623,156; Apr. 5.
Milk-transfer system. R. Horton. 1,623,313; Apr. 5.
Milling machine. H. W. Melling. 1,623,801; Apr. 5.
Milling tool. L. Lenhardt. 1,623,927; Apr. 5.
Mirror bracket. W. La Hodny. 1,623,483; Apr. 5.
Mixer. J. H. Gunnison. 1,623,590; Apr. 5.
Mixer concrete-paving machine, Twin-. P. A. Koehring. 1,623,622; Apr. 5.
Moisture percentage in a web and roll construction therefor, Device for determining. A. R. Harvey. 1,623,675; Apr. 5.
Mold: *See*—
Building-block mold.
Molding apparatus. G. B. Sherman. 1,623,560; Apr. 5.
Molding machine. N. Littell. 1,623,257; Apr. 5.
Monorail system, Electrified. F. C. Harris. 1,623,920; Apr. 5.
Mop. G. Gould. 1,623,672; Apr. 5.
Mortising machine. W. Loeffler. 1,623,626; Apr. 5.
Motors, Temperature-regulating system for aeronautical. H. C. Mummert. 1,623,128; Apr. 5.
Mower, Lawn. H. B. Newton. 1,623,433; Apr. 5.
Multiway connection. G. Crisson and H. C. Silent. 1,623,095; Apr. 5.
Music stand. E. Thimgren. 1,623,565; Apr. 5.
Musical instrument. F. C. Bender. 1,623,381; Apr. 5.
Musical instrument. O. B. Friedel. 1,623,175; Apr. 5.
Musical instruments, String. H. Fischer. 1,623,667; Apr. 5.
Nail, Clinching wire. G. A. Curtis. 1,623,465; Apr. 5.
Neckties, Knot supporter for four-in-hand. F. I. Thayer. 1,623,448; Apr. 5.
Nickel-containing matte, Converting. O. Lellep. 1,623,797; Apr. 5.
Notebook holder. C. L. Dahlberg. 1,623,235; Apr. 5.
Novelty. D. B. Brooks. 1,623,906; Apr. 5.
Nut lock. R. W. Smith. 1,623,365; Apr. 5.
Ocean compressed-air power. C. N. Hare. 1,623,341; Apr. 5.
Oil burner. F. D. Lyons. 1,623,930; Apr. 5.
Oil can. H. Blatherwick. 1,623,904; Apr. 5.
Oil gauge. S. F. Briggs and E. N. Jacobi. 1,623,333; Apr. 5.
Oil liberator. W. O. Wetmore. 1,623,371; Apr. 5.
Oil-purifying system. G. B. Hooton. 1,623,728; Apr. 5.
Oil saver. J. J. Friel. 1,623,403; Apr. 5.
Oil-separating apparatus. W. M. Little and J. L. Sherman. 1,623,691; Apr. 5.
Oil still. J. E. Bell. 1,623,773; Apr. 5.
Oil wells, Treating. B. W. Seymour, sr. 1,623,890; Apr. 5.
Oils, Treating hydrocarbon. R. C. Holmes. 1,623,729; Apr. 5.
Organs and the like, Contact block for electric. C. N. Deverall. 1,623,098; Apr. 5.
Organs and the like, Keyboard for. J. W. Starkie. 1,623,211; Apr. 5.
Organs and the like, Valve action for. F. W. Sullivan. 1,623,367; Apr. 5.
Ornamental device, Illuminated. R. W. Bock. 1,623,086; Apr. 5.
Outlet box. O. A. Frederickson. 1,623,587; Apr. 5.
Oven, Combination. J. Becker. 1,623,460; Apr. 5.
Oven-door structure. S. Harter. 1,623,408; Apr. 5.
Package-wrapping device. E. Brady. 1,623,300; Apr. 5.
Padlock hasp device. P. Frantz. 1,623,050; Apr. 5.
Painting on velvet or other cut pile fabric. R. Alexander. 1,623,771; Apr. 5.
Pan: *See*—
Baking pan. Pugging wet pan.
Paper and making same, Decorated. D. A. Smith and C. P. Stirling. 1,623,280; Apr. 5.
Paper, Coated. W. G. Bent. 1,623,522; Apr. 5.
Paper cutter. W. B. Reynolds and W. E. Jackson. 1,623,495; Apr. 5.
Paper-hanger's table. J. H. A. Christiansen. 1,623,167; Apr. 5.
Paper, Machine for making decorated. D. A. Smith and C. P. Stirling. 1,623,281; Apr. 5.
Paper machines, Slice for. D. B. Davies and C. J. Thomas. 1,623,096; Apr. 5.
Paper-making machine. E. E. Berry. 1,623,157; Apr. 5.
Paper-making machines, Moisture-testing means for. F. A. Peschl. 1,623,436; Apr. 5.
Paper-making machines, Water deckle for. F. W. Sears and A. Buck. 1,623,278; Apr. 5.
Paper, Method and apparatus for making. A. E. Cofrin. 1,623,526; Apr. 5.
Paper package, Tissue. B. A. Nienhauser. 1,623,806; Apr. 5.
Paper stock, Method of and apparatus for working. A. J. Haug. 1,623,676; Apr. 5.
Pasteurizer. T. L. Cavalli. 1,623,909; Apr. 5.
Pavement. F. V. Lanham. 1,623,417; Apr. 5.
Pens, Blotter device for. P. Becsi. 1,623,614; Apr. 5.
Phonograph. F. J. Seabolt. 1,623,559; Apr. 5.
Phonograph. I. J. Vetter. 1,623,451; Apr. 5.
Phonograph record. W. C. Hadley. Re16,588; Apr. 5.
Photoglazing method and apparatus. J. W. Passman. 1,623,202; Apr. 5.
Photographic developing apparatus. C. A. Hoxie. 1,623,788; Apr. 5.
Photographic emulsion and material and process used in the preparation thereof. S. E. Sheppard and R. F. Punnett. 1,623,499; Apr. 5.
Photographic film and base therefor. S. E. Sheppard and S. S. Sweet. 1,623,500; Apr. 5.
Photographic film and reel therefor. O. Wittel. 1,623,514; Apr. 5.
Photographic film package. B. H. Meyering. 1,623,486; Apr. 5.
Photographs (positive prints on paper or the like), Producing colored. E. A. Lage. 1,623,123; Apr. 5.
Piano cases, Truss structure for upright. J. D. Hurst. 1,623,188; Apr. 5.
Piano key. G. J. Becker. 1,623,331; Apr. 5.
Piano keys, Apparatus for leveling. E. S. Rauworth. 1,623,359; Apr. 5.
Picture apparatus, Motion-. J. Tessier. 1,623,505; Apr. 5.
Picture projector, Motion-. F. T. O'Grady. 1,623,435; Apr. 5.
Picture-transfer mechanism, Talking-. H. E. Chipman. Re16,586; Apr. 5.
Pin: *See*—
Safety pin.
Pin with bayonet point, Safety. A. Dudas and A. P. Wasil. 1,623,533; Apr. 5.
Pipe: *See*—
Metal pipe.
Pipe-cutting device. W. A. Geis. 1,623,833; Apr. 5.
Pipe-joint filling spout. L. E. Kollock. 1,623,058; Apr. 5.
Pipe or culvert, Corrugated. W. H. Hall. 1,623,112; Apr. 5.
Pipe straightener. J. B. Gocke and C. F. De Corse. 1,623,405; Apr. 5.
Pipe wrench. O. H. Adams. 1,623,770; Apr. 5.
Pipes, Apparatus for forming concrete. A. Horten. 1,623,539; Apr. 5.
Pipes, Vent cap for soil. J. Comerford. 1,623,659; Apr. 5.
Piston. G. C. Austin. 1,623,328; Apr. 5.
Piston, Engine. J. H. Burpee and D. E. Lain. 1,623,717; Apr. 5.
Piston ring. D. C. Teetor. 1,623,710; Apr. 5.
Piston-ring tool. J. P. McCarthy. 1,623,799; Apr. 5.
Pistons, Self-adjusting packing for. L. C. Harrod. 1,623,407; Apr. 5.
Plane. T. T. Tvedt. 1,623,644; Apr. 5.
Plastic articles, Method and apparatus for producing. R. V. Mattison. 1,623,631; Apr. 5.

Plate or similar article. M. J. Palm, jr. Des. 72,383–4; Apr. 5.
Plate or similar article. L. Walz. Des. 72,393; Apr. 5.
Plating by action of casting off mechanism, Reverse. R. H. Lawson. Re16,584; Apr. 5.
Plow hitch. A. E. Sutherland. 1,623,642; Apr. 5.
Plow, Rotary gang. R. J. Wilson. 1,623,149; Apr. 5.
Porous masses for storing explosive gases and making same. G. Dalen. 1,623,169; Apr. 5.
Post: *See*—
Steering post.
Poster boards, Adjustable frame for. L. D. Cook. 1,623,047; Apr. 5.
Pot: *See*—
Melting pot.
Power: *See*—
Ocean compressed-air power.
Power take-off device. A. H. Warren. 1,623,765; Apr. 5.
Power transmission. C. G. Garrard. 1,623,052; Apr. 5.
Preserving jar, Food-. H. Ritter. 1,623,754; Apr. 5.
Press: *See*—
Pulp-forming press.
Pressing machine, Garment-. H. E. Page. 1,623,358; Apr. 5.
Presser foot. C. L. Thomas. 1,623,075; Apr. 5.
Presses, Apparatus for cleaning cylinders of offset and other. W. B. Gegenheimer and E. E. Barney. 1,623,723; Apr. 5.
Pressure regulator, Automatic. T. T. King. 1,623,842; Apr. 5.
Printing-die structure. R. F. Jahn. 1,623,478; Apr. 5.
Printing machine, Card-controlled. F. M. Carroll. 1,623,163; Apr. 5.
Propeller. W. H. Leinweber. 1,623,420; Apr. 5.
Propeller, Marine. J. Fischer. 1,623,868; Apr. 5.
Puddle plug. H. W. Klinck. 1,623,843; Apr. 5.
Pugging wet pan, Continuous-. H. R. Straight. 1,623,287; Apr. 5.
Puller: *See*—
Auto wheel puller. Beet puller.
Pulp-forming press. E. Hutchens. 1,623,731; Apr. 5.
Pulp-pressing head. R. E. Hall. 1,623,111; Apr. 5.
Pump. J. W. Price and R. M. Leake. 1,623,268; Apr. 5.
Pump. U. C. Tainton. 1,623,605; Apr. 5.
Pump, Air. H. J. Weppio. 1,623,647; Apr. 5.
Pump and internal-combustion engine therefor. W. S. Franklin. 1,623,402; Apr. 5.
Pump and motor, Rotary. C. H. Kain. 1,623,924; Apr. 5.
Pump and system, Hydraulic. E. B. Galbreath. 1,623,239; Apr. 5.
Pump, Centrifugal. C. F. Ames. 1,623,082; Apr. 5.
Pump, Centrifugal. R. H. Frederick. 1,623,104; Apr. 5.
Pump, Lubricant. O. W. Fisher. 1,623,101; Apr. 5.
Pump, Oil and water well. W. Winesburg. 1,623,150; Apr. 5.
Pump, Vacuum. J. R. Kinney. 1,623,315; Apr. 5
Pumps, Power-transmission device for. J. A. Nitchie. 1,623,490; Apr. 5.
Pumps, Relief valve for rotary. J. R. Kinney. 1,623,316; Apr. 5.
Punch and file, Combined. J. A. Bondeson and A. F. Hunt. 1,623,824; Apr. 5.
Rack: *See*—
Shoe rack.
Rack. P. H. Chase and W. Foster. 1,623,864; Apr. 5.
Radiant energy, Transmitting system for. A. F. Murray. 1,623,745; Apr. 5.
Radiator cap. C. Weyandt. 1,623,511; Apr. 5.
Radiator fins, Machine for bending. B. H. Hawkins and E. R. Hansen. 1,623,594; Apr. 5.
Radiators, Assembling. F. M. Young. 1,623,327; Apr. 5.
Radiators, Cushion support for. E. R. Gurney. 1,623,473; Apr. 5.
Radio apparatus. A. M. Young and N. W. Simpson. 1,623,152; Apr. 5.
Radiofrequency transformer. R. M. Warren. 1,623,143; Apr. 5.
Radio receiving apparatus. A. H. Grebe. 1,623,918; Apr. 5.
Radius-rod attachment. G. F. Coley. 1,623,046; Apr. 5.
Railroad-grade crossing. J. A. Dailey and L. W. Gerth. 1,623,911; Apr. 5.
Rails and its application, Apparatus used in bonding. W. P. Bovard. 1,623,654; Apr. 5.
Railway tie. J. J. Hinde. 1,623,185; Apr. 5.
Railway vehicle. H. Zoelly. 1,623,516; Apr. 5
Raisins and the like, Apparatus and method for determining the moisture content of. P. F. Nichols. 1,623,263; Apr. 5.
Rake: *See*—
Hay rake.
Receptacle and handle therefor. F. J. Hempen and O. Lipsmeier. 1,623,409; Apr. 5.
Receptacles, Died-out blank for. R. R. Reilly. 1,623,269; Apr. 5.
Refrigeration and cold storage. A. Green. 1,623,871; Apr. 5.
Refrigerator. T. S. Morton. 1,623,802; Apr. 5.
Refrigerator, Bottle. C. A. Frick. 1,623,947; Apr. 5.
Register: *See*—
Cash register.
Regulating and recording device. E. B. Wood. 1,623,712; Apr. 5.
Regulator: *See*—
Automatic regulator. Pressure regulator.
Electric-current regulator.
Renovating clothing. K. Kara-Joseph. 1,623,791; Apr. 5.
Resins, Improvement of natural. A. Amann and E. Fonrobert. 1,623,901; Apr. 5.
Rheostat. E. B. Nowosielski. 1,623,198; Apr. 5.
Rifle bars, Friction head for. G. W. Hulshizer. 1,623,411; Apr. 5.
Rim, Demountable. L. B. Wishnevsky. 1,623,372; Apr. 5.
Rims and wheel disks, Manufacturing seamless. A. J. Michelin. 1,623,883; Apr. 5.
Ring: *See*—
Piston ring.
Riveting machines, Fixture for. W. J. Lehman. 1,623,796; Apr. 5.
Rock drill. G. Lee. 1,623,419; Apr. 5.
Rod grip. L. J. Lewellen and O. C. Willis. 1,623,928; Apr. 5.
Roof construction. A. B. Fosseen. 1,623,102; Apr. 5.
Roofing. W. E. Hale. 1,623,474; Apr. 5.
Roofing. A. E. F. Moone. 1,623,127; Apr. 5.
Roost, Collapsible. T. Doser. 1,623,171; Apr. 5.
Rope clamp. S. Bona. 1,623,615; Apr. 5.
Rubber and like material, Machine for mixing or masticating. R. D. Bowen and C. F. Schnuck. 1,623,159; Apr. 5.
Rubber compositions, Preparing. G. W. Acheson. 1,623,517; Apr. 5.
Rule. R. Williams. 1,623,897; Apr. 5.
Saddle, Top-roll. T. W. Lawton. 1,623,688; Apr. 5.
Safe. O. P. Le Compte and S. A. Cahn. 1,623,255; Apr. 5.
Safety pin. A. Dudas and A. P. Wasil. 1,623,532; Apr. 5.
Safety switch, Externally-operated. T. A. Both. 1,623,573; Apr. 5.
Sand and the like, Machine for distributing. T. F. McGuiness. 1,623,743; Apr. 5.
Sash frame, Casement. F. C. Andersen, E. C. Madson, and G. A. Chapman. 1,623,772; Apr. 5.
Saucepan. R. S. Duniap. 1,623,397; Apr. 5.
Saw-crack punch. J. R. Spencer. 1,623,816; Apr. 5.
Saw machine, Jig-. F. E. Grose. 1,623,673; Apr. 5.
Sawmill-carriage offset. J. H. Rooney. 1,623,854; Apr. 5.
Sawmills. Chain-driven belt feed works for. G. E. Campbell. 1,623,908; Apr. 5.
Saw, Portable. F. W. Wappat. 1,623,290; Apr. 5.
Saw, Portable reciprocating power. L. G. Economi. 1,623,309; Apr. 5.
Saws, Blower for. C. J. Abbey. 1,623,859; Apr. 5.
Scaffold shoe. L. Sobray. 1,623,892; Apr. 5.
Scale, Automatic weighing. T. C. Jensen. 1,623,414; Apr. 5.
Scale, Computing. W. J. Rouleau. 1,623,134; Apr. 5.
Scales, Shipping attachment for weighing. T. H. Strachan. 1,623,137; Apr. 5.
Scarifier. R. G. Le Tourneau. 1,623,817; Apr. 5.
Scoring machine. M. E. Widell. 1,623,223; Apr. 5.
Screen coupling. E. E. Johnson. 1,623,055; Apr. 5.
Screws, Apparatus for and method of truing abrasive. B. M. W. Hanson. 1,623,113; Apr. 5.
Seat: *See*—
Adjustable seat. Demountable seat.
Seat support, Front-. L. A. McDowell. 1,623,800; Apr. 5.
Sediment collector. W. B. Pohle. 1,623,437; Apr. 5.
Separator-bowl washer, Cream-. A. F. Schwanke. 1,623,363; Apr. 5.
Shade and drapery supports, Adjusting and holding device for. L. H. Robinson. 1,623,274; Apr. 5.
Shears, Barber. H. S. Otis. 1,623,130; Apr. 5.
Sheet-flowing apparatus, Multiple. F. Fraser. 1,623,051; Apr. 5.
Sheets of paper, Apparatus for piling. G. E. Maxner. 1,623,195; Apr. 5.
Shingle machine. H. Applin. 1,623,612; Apr. 5.
Ship. J. Pasini. 1,623,888; Apr. 5.
Ships, Rescuing device for sunken. H. S. Wilson. 1,623,148; Apr. 5.
Shirt board. L. De Doory. Des. 72,355; Apr. 5.
Shock absorber. L. W. Amende. 1,623,081; Apr. 5.
Shock absorber. G. C. Martin. 1,623,428; Apr. 5.
Shock absorber. T. Morinelli. Re16,582; Apr. 5.
Shock absorbers, Device for determining pressure in vehicle. C. Pintacuda and U. Frilli. 1,623,069; Apr. 5.
Shoe. P. Carr. 1,623,092; Apr. 5.
Shoe and manufacturing the same. A. R. Leshin. 1,623,350; Apr. 5.
Shoe-polishing machine. J. L. Thompson. 1,623,218; Apr. 5.
Shoe rack. J. E. Hooper. 1,623,244; Apr. 5.
Sickle holder. C. G. Fristad. 1,623,536; Apr. 5.
Sign. C. E. Fayle. 1,623,585; Apr. 5.
Sign exhibitor, Movable. A. J. Gutierrez. 1,623,837; Apr. 5.
Signal: *See*—
Traffic signal. Vehicle signal.
Signaling conductor, Loaded. J. G. Roberts. 1,623,555; Apr. 5.
Signaling, Multiplex. A. J. Kloneck. 1,623,479; Apr. 5.
Siphon starter and automatic shut-off. J. Mohn. 1,623,260; Apr. 5.

Sleeve-finishing board, Dry-steam. W. W. Campbell. 1,623,091; Apr. 5.
Slicing board. F. M. Dolan. 1,623,100; Apr. 5.
Slicing board. G. E. Sandbeck. 1,623,498; Apr. 5.
Smoking appliance. W. C. Dodge. 1,623,661; Apr. 5.
Snow remover. H. D. Curtis. 1,623,910; Apr. 5.
Soap compound and making the same. H. H. Hanson. 1,623,340; Apr. 5.
Socket cap and making the same. E. G. Oakley. 1,623,067; Apr. 5.
Soldering machine. G. W. Williams and A. M. Walstrom. 1,623,293–4; Apr. 5.
Solid materials, Method of and apparatus for grading. G. R. Baker, W. E. Prescott, and C. W. Gilderdale. 1,623,040; Apr. 5.
Sound record. F. W. Stone. 1,623,285; Apr. 5.
Sound-reproducer mounting. G. A. Gillen. 1,623,785; Apr. 5.
Sounds, Recording and reproducing of. C. F. Sacia. 1,623,756; Apr. 5.
Spark plug. L. S. Ellett. 1,623,468; Apr. 5.
Spark plug. R. C. Myers. 1,623,432; Apr. 5.
Spark plug. E. B. Nowosielski. 1,623,129; Apr. 5.
Speed-change mechanism. W. M. Mitchell. 1,623,695; Apr. 5.
Speed-governing device. E. F. Brown. 1,623,655; Apr. 5.
Speedometer-magnet compensator. F. G. Schweisthal. 1,623,558; Apr. 5.
Speedometer, Magnetic. J. K. Olsen. 1,623,550; Apr. 5.
Spike-forming machine. F. C. Olin. 1,623,264; Apr. 5.
Spindle: *See*—
Door-knob spindle.
Spinning device. A. T. Petrie. 1,623,133; Apr. 5.
Spraying machine. P. W. Ramer. 1,623,702; Apr. 5.
Spring-clip hanger. J. R. Tate. 1,623,368; Apr. 5.
Spring tool. A. O. Erickson. 1,623,401; Apr. 5.
Sprinkler: *See*—
Automatic sprinkler.
Sprocket, Split. N. H. Scott. 1,623,814; Apr. 5.
Spuds, Making. C. P. Wetmore. 1,623,325; Apr. 5.
Square, Plotting. F. Holland. 1,623,117; Apr. 5.
Stand: *See*—
Music stand. Typewriter stand.
Staple. M. De Bonis. 1,623,335; Apr. 5.
Stationery holder. B. Suvan. 1,623,604; Apr. 5.
Steam generator. R. A. and J. Thom. 1,623,944; Apr. 5.
Steam-impelled motive apparatus. C. V. Haynes. 1,623,243; Apr. 5.
Steel, Apparatus for treating. W. W. Hill. 1,623,537; Apr. 5.
Steel, Finishing cold-rolled. J. D. Crosby. 1,623,048; Apr. 5.
Steering-gear attachment. A. G. Proulx. 1,623,751; Apr. 5.
Steering post, Adjustable. C. E. Postlethwait. 1,623,493; Apr. 5.
Stocking. R. F. Friedrich. Des. 72,365; Apr. 5.
Stoker. E. Lundgren. 1,623,424; Apr. 5.
Stoker, Automatic. E. Lundgren. 1,623,060; Apr. 5.
Stoker, Underfeed. E. Lundgren. 1,623,423; Apr. 5.
Storage-battery terminal. R. R. Beezley. 1,623,332; Apr. 5.
Stoves, Air-circulation control for inclosed. E. W. Pape. 1,623,634; Apr. 5.
Street flusher. W. H. Cooke. 1,623,778; Apr. 5.
Stripping machine. S. Coe. 1,623,577; Apr. 5.
Subsoil ditcher. T. Dominick. 1,623,530; Apr. 5.
Sucker-rod twister. B. C. Nugent. 1,623,696; Apr. 5.
Suitcase. O. J. Wallnsky. Des. 72,392; Apr. 5.
Superheater boiler. J. J. Nellis. 1,623,805; Apr. 5.
Support. O. E. Pelkey. 1,623,749; Apr. 5.
Sweeper, Suction. H. E. Hoover. Re16,585; Apr. 5.
Swimming device. O. G. Pike. 1,623,852; Apr. 5.
Swing. E. Evalet. 1,623,913; Apr. 5.
Switch: *See*—
Electric switch. Safety switch.
Headlight-control switch.
Table: *See*—
Gravity table. Paper-hanger's table.
Kitchen table.
Table. O. B. Bach. Des. 72,342; Apr. 5.
Table. O. B. Bach. Des. 72,344; Apr. 5.
Table. R. C. Erskine. Des. 72,363; Apr. 5.
Tabulating apparatus. J. R. Peirce. 1,623,204; Apr. 5.
Tank: *See*—
Glass tank.
Tanks, Batch feeding to glass. C. B. Kingsley. 1,623,057; Apr. 5.
Tape measure. F. Swift. 1,623,138; Apr. 5.
Telautograph system. A. M. Van Nostrand. 1,623,220; Apr. 5.
Telegraphs, Printing. H. Pfannenstiehl. 1,623,748; Apr. 5.
Telegraphs, Printing. H. Pfannenstiehl. 1,623,809; Apr. 5.
Telegraphy, Printing. H. Pfannenstiehl. 1,623,810; Apr. 5.
Telephone-exchange system. W. W. Carpenter. 1,623,777; Apr. 5.
Telephone-exchange system. F. W. Dunbar. 1,623,337; Apr. 5.
Telephone-exchange system. E. Jacobsen. 1,623,118; Apr. 5.
Telephone-exchange system. J. F. Toomey. 1,623,139; Apr. 5.
Telephone-exchange system. S. B. Williams and E. S. Gibson. 1,623,769; Apr. 5.
Telephone system. J. I. Bellamy. 1,623,230; Apr. 5.
Telephone system. F. W. Dunbar. 1,623,336; Apr. 5.
Telephone system. R. E. King and W. M. Beaumont. 1,623,734; Apr. 5.
Telephone system. A. B. Smith. 1,623,320; Apr. 5.
Temperature-indicating means. K. A. Ferkel. 1,623,666; Apr. 5.
Tent. D. T. Abercrombie. 1,623,154; Apr. 5.
Tent, Folding. F. E. Thurtle. 1,623,507; Apr. 5.
Tent pole. D. T. Abercrombie. 1,623,153; Apr. 5.
Thermoglue vessel. A. Tovalin. 1,623,763; Apr. 5.
Thermometer. R. E. Mann. Des. 72,379; Apr. 5.
Thermostat. G. A. Robertshaw. 1,623,755; Apr. 5.
Thermostatic control. W. I. Twombly. 1,623,566; Apr. 5.
Tie: *See*—
Railway tie.
Tie and spacing means for plastic construction. W. M. Goldsmith. 1,623,338; Apr. 5.
Tire boot and fastener therefor. C. L. Johnson. 1,623,923; Apr. 5.
Tire carrier. A. M. Bacon. 1,623,377; Apr. 5.
Tire carrier and rim remover, Combined. L. H. Ferguson. 1,623,914; Apr. 5.
Tire rim. R. C. Coleman. 1,623,307; Apr. 5.
Tires, Demountable interlocking rim for vehicle. J. H. Gildersleeve. 1,623,834; Apr. 5.
Toe-in gauge. W. J. Kund. 1,623,878; Apr. 5.
Toggle and method. W. A. Hubener. 1,623,789; Apr. 5.
Toilet box. C. E. Kjetsaa. 1,623,877; Apr. 5.
Tone-sustaining mechanism. C. Chadwick. 1,623,232; Apr. 5.
Tool. S. A. Lind. 1,623,689; Apr. 5.
Tool brace. R. D. Hutson. 1,623,541; Apr. 5.
Tool retainer. H. C. Gustafson. Re16,587; Apr. 5.
Torchère. O. B. Bach. Des. 72,341; Apr. 5.
Torchère. O. B. Bach. Des. 72,345; Apr. 5.
Towel. R. Clarke. Des. 72,349; Apr. 5.
Towel. E. S. G. Elliott. Des. 72,362; Apr. 5.
Towel. E. A. Wilson. Des. 72,399; Apr. 5.
Toy. C. A. Wetzell. Des. 72,394–8; Apr. 5.
Toy balloon. J. F. Mulholland. Des. 72,381; Apr. 5.
Toy, Mechanical. H. H. Morgan. 1,623,886; Apr. 5.
Toy, Sailor. E. V. Babbitt. 1,623,039; Apr. 5.
Toy, Self-propelling. L. L. Weiss. 1,623,144; Apr. 5.
Toy truck. F. A. Lundahl. Des. 72,377; Apr. 5.
Toy trumpet. I. Cohn. 1,623,168; Apr. 5.
Tractor attachment. B. F. B. Sewell. 1,623,815; Apr. 5.
Traffic signal. W. L. Phillips. 1,623,889; Apr. 5.
Trailer hitch. E. R. Greer. 1,623,179; Apr. 5.
Transfer design. J. Moores. 1,623,357; Apr. 5.
Transmission. R. Chilton. 1,623,306; Apr. 5.
Transmission-band-operating device. M. Hoffman. 1,623,312; Apr. 5.
Transmission lock, Automobile. W. M. Reason. 1,623,319; Apr. 5.
Transmission mechanism. C. E. Starr. 1,623,212; Apr. 5.
Transmission mechanism, Fluid-. C. Potter. 1,623,206; Apr. 5.
Transmission mechanism, Motor-vehicle. E. L. Harry. 1,623,724; Apr. 5.
Transmission regulation. J. S. Jammer. 1,623,600; Apr. 5.
Transmission system. J. J. Kuhn. 1,623,480; Apr. 5.
Trap: *See*—
Ant trap. Double-acting trap.
Trap. S. C. Kinzer. 1,623,925; Apr. 5.
Trap. J. E. Workman. 1,623,515; Apr. 5.
Tree-shaking device. W. F. Rurup. 1,623,497; Apr. 5.
Trellis, Flowerpot. H. H. Verdery. 1,623,646; Apr. 5.
Tricycle. E. H. L. Englund. 1,623,400; Apr. 5.
Trolley control. J. G. McMakin. 1,623,480; Apr. 5.
Truck. F. M. Bell. 1,623,298; Apr. 5.
Truck side frame. G. A. Anderson. 1,623,036; Apr. 5.
Truck side frame. G. A. Anderson. 1,623,570; Apr. 5.
Trunk lock. M. Rasmussen. 1,623,318; Apr. 5.
Trunk-lock structure. S. Klein. 1,623,190; Apr. 5.
Tube-sorting machine, Automatic cut-. H. D. Madden and J. J. Higgins. 1,623,352; Apr. 5.
Tubes, Method of and apparatus for severing and valving bag. A. M. Bates, G. P. Dorr, and J. E. Dancker. 1,623,228; Apr. 5.
Tubes or pipes, Apparatus for eliminating dents in. L. E. Brown. 1,623,657; Apr. 5.
Turbine, Impulse. H. B. Taylor. 1,623,446; Apr. 5.
Turbulence, Apparatus for and method of creating. P. L. Scott. 1,623,704; Apr. 5.
Turnstile. J. J. McLaughlin. 1,623,744; Apr. 5.
Typewriter-key remover. P. P. Dunn and G. Shoenfeld. 1,623,912; Apr. 5.
Typewriter stand. J. E. Neahr. 1,623,196; Apr. 5.
Typewriting machine. B. F. Barker. 1,623,042; Apr. 5.
Typewriting machine. A. G. F. Kurowski. 1,623,481–2; Apr. 5.
Typewriting machine. J. A. B. Smith. 1,623,445; Apr. 5.
Typewriting machine. O. Thieme. 1,623,217; Apr. 5.
Typewriting machines. G. H. Murphy. 1,623,063; Apr. 5.
Undergarment, Women's. A. Rosenthal. 1,623,637; Apr. 5.

Underreamer. W. R. Wilber. 1,623,453; Apr. 5.
Universal joint. D. P. Owens. 1,623,199; Apr. 5.
Vacuum-producing apparatus. C. F. Ames. 1,623,083; Apr. 5.
Vacuum-producing apparatus. R. H. Frederick. 1,623,103; Apr. 5.
Valve. A. W. Rybeck. 1,623,557; Apr. 5.
Valve, Acid-proof. J. J. W. Kenan. 1,623,056; Apr. 5.
Valve, Backwater. D. Forfar. 1,623,586; Apr. 5.
Valve, Combined cylinder cock and relief. V. P. McVoy. 1,623,431; Apr. 5.
Valve, Diaphragm. R. E. Mitton. 1,623,126; Apr. 5.
Valve, Float. O. O. Anderson. 1,623,374; Apr. 5.
Valve for oil burners and the like, Safety. C. B. Buerger. 1,623,160–1; Apr. 5.
Valve for locomotives, Feed. G. de Grahl. 1,623,660; Apr. 5.
Valve-forming mechanism, Bag-. M. J. Davis. 1,623,170; Apr. 5.
Valve lifter. E. E. Rainey. 1,623,752; Apr. 5.
Valve lifter, Self-adjusting. B. J. Thomas. 1,623,506; Apr. 5.
Valve mechanism, Flushing-. P. Haas. 1,623,109; Apr. 5.
Valve-operating mechanism. E. Brown. 1,623,043; Apr. 5.
Valve, Poppet-. J. F. Burleson. 1,623,826; Apr. 5.
Valve rocker-arm attachment. T. H. Cadwell. 1,623,863; Apr. 5.
Valve structure and locking device. H. J. Ernst. 1,623,867; Apr. 5.
Valves or the like, Regulating device for controlling the operation of. P. C. P. Booty. 1,623,616; Apr. 5.
Vanity case. F. M. Wojciechowski. Des. 72,400; Apr. 5.
Vaporizer. J. S. Wight. 1,623,452; Apr. 5.
Vegetable cutter, Green-. F. W. Burpee. 1,623,089; Apr. 5.
Vehicle. I. H. Athey. 1,623,456–8; Apr. 5.
Vehicle. N. C. Storey. 1,623,214; Apr. 5.
Vehicle cab. C. J. Cropp. 1,623,830; Apr. 5.
Vehicle, Child's. H. W. Dyer. Des. 72,361; Apr. 5.
Vehicle closure. J. H. Bourgon. 1,623,934; Apr. 5.
Vehicle heater, Motor-. E. W. Leahy. 1,623,879; Apr. 5.
Vehicle, Motor-. E. Herds. 1,623,726; Apr. 5.
Vehicle signal. M. Borglum. 1,623,905; Apr. 5.
Vehicle signal. S. Tolmach. 1,623,219; Apr. 5.
Vehicle springs, End connection and shock absorber for. H. T. Ayres. 1,623,651; Apr. 5.
Vehicle springs, End connection for. A. W. Kogstrom. 1,623,844–5; Apr. 5.
Vehicle ventilator. W. Lintern. 1,623,738; Apr. 5.
Vehicle wheel. W. H. Burritt. 1,623,162; Apr. 5.
Vehicles, Automatic control for motor. G. M. Howell. 1,623,921; Apr. 5.
Vehicles, Cooling system for motor. C. M. Anderson. 1,623,902; Apr. 5.
Vehicles, Direction-indicating device especially for. A. Marăik. 1,623,880; Apr. 5.
Vehicles, Electric-lighting apparatus for motor. H. C. Procter. 1,623,700; Apr. 5.
Vehicles, Running-board luggage carrier for. W. Klamroth. 1,623,794; Apr. 5.
Vehicles, Signal for. E. Bednarz. 1,623,903; Apr. 5.
Vehicles, Steering by driving means for. J. Loyd. 1,623,929; Apr. 5.
Vehicles, Torque-absorbing spring construction for. R. M. Lovejoy. 1,623,422; Apr. 5.
Vehicles, Transmission mechanism for motor. E. L. Harry. 1,623,725; Apr. 5.
Vehicles, Wheel for. F. W. Brown. 1,623,656; Apr. 5.
Ventilating systems, Air control for. J. L. Strahan. 1,623,286; Apr. 5.
Ventilator: *See*—
Automobile ventilator. Vehicle ventilator.
Vessels, Air-circulating system for cargo. J. Hudson. 1,623,922; Apr. 5.
Violin bridge. A. M. Alvarado. 1,623,000; Apr. 5.
Violins and the like, Bow guide for. G. M. Morris. 1,623,633; Apr. 5.
Vise, Pipe. H. G. Butt. 1,623,045; Apr. 5.
Volatile matter into lamps and the like, Introducing. C. C. Van Voorhis. 1,623,323; Apr. 5.
Vulcanization. D. E. Hennessy. 1,623,183; Apr. 5.
Vulcanized articles, Machine for stripping. C. J. Randall and C. Wurtenberg. 1,623,208; Apr. 5.
Vulcanizing apparatus. J. C. Heintz. 1,623,677; Apr. 5.
Waffle iron. C. J. Fay. Des. 72,364; Apr. 5.
Wall and constructing same, Block. F. S. and F. A. Cooley. 1,623,094; Apr. 5.
Wall construction. W. F. Gaudian. 1,623,917; Apr. 5.
Wall covering, Preparing. A. C. Dodman, jr. 1,623,620; Apr. 5.
Warp-knitting machine. I. Springthorpe. 1,623,603; Apr. 5.
Washer: *See*—
Separator-bowl washer.
Washing machine. J. H. Niesen. 1,623,548; Apr. 5.
Watchcase. J. Dinhofer. Des. 72,356–60; Apr. 5.
Water-softening apparatus. C. P. Eisenhauer. 1,623,399; Apr. 5.
Water, Treatment of. J. H. Harrington. 1,623,342; Apr. 5.
Waterproof product. L. Kirschbraun and W. H. Cady. 1,623,189; Apr. 5.
Web of flexible material while changing from one web roll to another, Uninterruptedly feeding a. W. C. Scott. 1,623,277; Apr. 5.
Weighing device. H. C. Schaper. 1,623,276; Apr. 5.
Weighing machine, Automatic. R. R. West. 1,623,820; Apr. 5.
Weighing machine, Fur-. F. P. Mansbendel. 1,623,629; Apr. 5.
Welding apparatus, Electric arc. H. P. Himes. 1,623,344; Apr. 5.
Welding apparatus, Pipe-. F. P. Ofner and W. H. Nourse. 1,623,434; Apr. 5.
Welding machine, Electric. J. Kahn. 1,623,249; Apr. 5.
Welding machines, Torch mechanism for. C. L. Stancliff. 1,623,503; Apr. 5.
Wells, Pressure-relief mechanism for. W. D. Egenhoff. 1,623,866; Apr. 5.
Wheel: *See*—
Automobile wheel. Vehicle wheel.
Wheel. W. B. Minch. 1,623,355; Apr. 5.
Wheel chock. O. W. Turnbaugh. 1,623,895; Apr. 5.
Wheel construction, Steerable. E. H. Remde. 1,623,554; Apr. 5.
Wheel guard, Safety. C. F. Orrick. 1,623,849; Apr. 5.
Window frame. C. Rupp. 1,623,496; Apr. 5.
Window lock, Antirattle. L. Hill. 1,623,343; Apr. 5.
Window structure. G. M. Walkup. 1,623,078; Apr. 5.
Windshield wiper. J. Demand. 1,623,308; Apr. 5.
Wire-cable cutter. J. E. Butcher and H. B. Harris. 1,623,044; Apr. 5.
Wire fabric, Coating. N. S. Harter. 1,623,593; Apr. 5.
Wood, Method and machine for shredding. F. J. Moore. 1,623,261; Apr. 5.
Wrench: *See*—
Pipe wrench.
Wrench. B. R. Beaver. 1,623,379; Apr. 5.
Wrench, L. R. Carbell. 1,623,945; Apr. 5.
Wringer mechanism, Safety S. E. Schroeder. 1,623,707; Apr. 5.
X-ray apparatus. C. E. Campbell. 1,623,575; Apr. 5.
X-ray tables, Attachment for. F. H. Wappler and A. C. Koenitz. 1,623,567; Apr. 5.
Yarn-tensioning device. A. Wetzel. 1,623,608; Apr. 5.

CLASSIFICATION OF PATENTS

ISSUED APRIL 5, 1927.

NOTE.—First number—class, second number—subclass, third number—patent number.

1— 6: 1,623,279
49.4: 1,623,783
2— 73: 1,623,072
83: 1,623,733
98: 1,623,781
185: 1,623,768
205: 1,623,361
4— 67: 1,623,109
112: 1,623,902
5— 53: 1,623,251
8— 2: 1,623,519
5: 1,623,709
8: 1,623,791
19: 1,623,080
9— 21: 1,623,852
10— 59: 1,623,264
12— 2: 1,623,135
17: 1,623,551
27: 1,623,225
1,623,226
15— 32: 1,623,218
100: 1,623,528
158: R. 16,585
228: 1,623,672
253: 1,623,308
16— 86: 1,623,767
128: 1,623,572
18— 2: 1,623,159
1,623,208
1,623,936
18: 1,623,677
47.5: 1,623,085
1,623,588
53: 1,623,183
56: 1,623,894
19— 36: 1,623,181
137: 1,623,688
20—1.123: 1,623,619
21: 1,623,776
27: 1,623,652
45: 1,623,078
53: 1,623,772
22— 36: 1,623,257
65: 1,623,146
117: 1,623,058
23— 33: 1,623,513
84: 1,623,509
161: 1,623,606
181: 1,623,942
230: 1,623,342
234: 1,623,598
24— 56: 1,623,448
109: 1,623,847
133: 1,623,615
137: 1,623,368
156: 1,623,533
161: 1,623,532
206: 1,623,991
238: 1,623,302
263: 1,623,885
25— 1: 1,623,625
30: 1,623,539
42: 1,623,612
1,623,631
105: 1,623,833
118: 1,623,882
121: 1,623,178
130: 1,623,550
131.5: 1,623,151
29— 18: 1,623,048
73: 1,623,449
74: 1,623,673
84: 1,623,912
85: 1,623,440
86.2: 1,623,786
86.3: 1,623,752
86.4: 1,623,799
87.1: 1,623,401
108: 1,623,927
148.2: 1,623,089
1,623,325
155: 1,623,989
155.5: 1,623,067
156: 1,623,064
157.4: 1,623,327
189: 1,623,883

30— 10: 1,623,906
13: 1,623,130
31— 19: 1,623,288
33— 30: 1,623,348
36: 1,623,291
94: 1,623,623
103: 1,623,117
137: 1,623,138
161: 1,623,897
165: 1,623,574
169: 1,623,406
180: 1,623,359
203: 1,623,878
215: 1,623,493
1,623,759
218: 1,623,234
34— 5: 1,623,540
34: 1,623,553
48: 1,623,425
1,623,611
36— 3: 1,623,092
19: 1,623,350
37— 43: 1,623,910
39— 56: 1,623,394
40— 1.6: 1,623,693
28: 1,623,565
42: 1,623,837
125: 1,623,047
130: 1,623,585
132: R. 16,583
1,623,450
136: 1,623,564
41— 26: 1,623,280
1,623,771
43— 32: 1,623,429
36: 1,623,870
81: 1,623,841
94: 1,623,925
107: 1,623,439
44— 8: 1,623,241
16: 1,623,764
45— 11: 1,623,100
64: 1,623,604
97: 1,623,483
113: 1,623,850
117: 1,623,196
46— 32: 1,623,133
35: 1,623,641
37: 1,623,545
40: 1,623,165
45: 1,623,039
46: 1,623,106
1,623,168
48: 1,623,144
47— 38: 1,623,720
41: 1,623,856
47: 1,623,646
48— 180: 1,623,721
49— 14: 1,623,581
17: 1,623,051
54: 1,623,057
55: 1,623,362
59: 1,623,779
79: 1,623,311
50— 10: 1,623,444
51— 111: 1,623,097
168: 1,623,116
197: 1,623,521
222: 1,623,536
273: 1,623,520
280: 1,623,222
53— 1: 1,623,093
6: 1,623,902
8: 1,623,397
54— 65: 1,623,210
55— 84: 1,623,114
102: 1,623,120
106: 1,623,737
56— 254: 1,623,433
328: 1,623,497
358: 1,623,447
391: 1,623,062
58— 6: 1,623,076
18: 1,623,698
52: 1,623,907
56: 1,623,749

59— 53: 1,623,172
96: 1,623,224
60— 8: 1,623,402
61— 19: 1,623,369
69: 1,623,148
62— 4: 1,623,871
92: 1,623,535
64— 89: 1,623,200
91: 1,623,199
96: 1,623,382
1,623,557
66— 40: R. 16,584
86: 1,623,603
67— 16: 1,623,464
68— 9: 1,623,091
1,623,187
1,623,358
32: 1,623,707
37: 1,623,077
1,623,548
70— 20: 1,623,318
26: 1,623,370
115: 1,623,190
125: 1,623,867
128: 1,623,319
129: 1,623,455
72— 41: 1,623,094
48: 1,623,917
118: 1,623,338
122: 1,623,252
73— 51: 1,623,069
1,623,263
1,623,675
1,623,932
54: 1,623,643
1,623,832
1,623,855
82: 1,623,122
109: 1,623,333
184: 1,623,299
74— 14: 1,623,110
1,623,356
1,623,490
1,623,872
21: 1,623,908
26: 1,623,052
31: 1,623,814
34: 1,623,213
1,623,306
1,623,732
39: 1,623,616
53: 1,623,418
58: 1,623,695
80: 1,623,493
81: 1,623,382
99: 1,623,212
106: 1,623,765
108: 1,623,328
1,623,717
109: 1,623,407
1,623,710
110: 1,623,227
1,623,295
75— 1: 1,623,948
45: 1,623,757
66: 1,623,797
77— 8: 1,623,747
27: 1,623,064
63: 1,623,250
75.5: 1,623,963
80— 5.1: 1,623,662
66: 1,623,271
1,623,272
1,623,273
81— 3: 1,623,816
5.1: 1,623,689
23: 1,623,045
106: 1,623,770
112: 1,623,379
130: 1,623,945
197: 1,623,201
83— 20: 1,623,701
35: 1,623,739
62: 1,623,375
73: 1,623,287
1,623,590

84— 177: 1,623,188
245: 1,623,232
271: 1,623,735
1,623,884
275: 1,623,667
283: 1,623,633
309: 1,623,900
338: 1,623,367
377: 1,623,175
1,623,381
423: 1,623,331
424: 1,623,211
85— 3: 1,623,789
10: 1,623,465
49: 1,623,335
87— 5: 1,623,240
88— 16.2: R. 16,586
16.4: 1,623,435
17: 1,623,505
24: 1,623,538
90— 15: 1,623,346
20: 1,623,801
91— 12: 1,623,577
49: 1,623,297
65: 1,623,718
68: 1,623,073
1,623,189
68.2: 1,623,711
70.2: 1,623,593
92— 3: 1,623,184
20: 1,623,676
24: 1,623,364
38: 1,623,436
40: 1,623,157
1,623,620
43: 1,623,278
44: 1,623,096
1,623,526
112— 2: 1,623,075
113— 16: 1,623,223
33: 1,623,618
60: 1,623,293
77: 1,623,294
80: 1,623,529
116: 1,623,245
93— 2: 1,623,300
8: 1,623,170
1,623,228
36: 1,623,329
60: 1,623,197
93: 1,623,330
94— 8: 1,623,090
10: 1,623,417
34: 1,623,477
50: 1,623,142
95— 1: 1,623,202
2: 1,623,123
7: 1,623,499
8: 1,623,522
9: 1,623,500
1,623,514
1.1: 1,623,534
94: 1,623,788
97— 23: 1,623,898
55: 1,623,530
208: 1,623,488
212: 1,623,149
98— 20: 1,623,738
37: 1,623,286
122: 1,623,650
99— 2: 1,623,313
8: 1,623,601
1,623,858
11: 1,623,070
16: 1,623,926
62: 1,623,365
101— 56: 1,623,396
65: 1,623,542
96: 1,623,163
1,623,722
109: 1,623,473
152: 1,623,261
425: 1,623,723
102— 3: 1,623,475
9: 1,623,664
103— 6: 1,623,093
1,623,103
42: 1,623,316

103— 44: 1,623,239
1,623,605
107: 1,623,082
111: 1,623,207
118: 1,623,924
188: 1,623,504
202: 1,623,543
238: 1,623,268
104— 48: 1,623,828
105— 81: 1,623,640
182: 1,623,516
205: 1,623,036
1,623,037
1,623,570
253: 1,623,071
282: 1,623,308
377: 1,623,305
409: 1,623,891
1,623,892
427: 1,623,556
106— 1.5: 1,623,285
23: 1,623,517
24: 1,623,442
25: 1,623,876
36.1: 1,623,301
108— 8: 1,623,474
10: 1,623,102
33: 1,623,127
109— 1: 1,623,255
2: 1,623,155
110— 44: 1,623,060
1,623,423
1,623,424
69: 1,623,087
75: 1,623,054
99: 1,623,632
1,623,860
112— 2: 1,623,075
113— 16: 1,623,223
33: 1,623,618
60: 1,623,293
77: 1,623,294
80: 1,623,529
116: 1,623,245
114— 20: 1,623,099
195: 1,623,427
197: 1,623,727
211: 1,623,922
219: 1,623,888
116— 44: 1,623,880
50: 1,623,889
52: 1,623,903
114: 1,623,510
1,623,666
135: 1,623,216
117— 21: 1,623,685
119— 24: 1,623,171
52: 1,623,840
153: 1,623,774
120— 26: 1,623,614
121— 7: 1,623,411
32: R. 16,587
35: 1,623,419
38: 1,623,780
134: 1,623,431
122— 41: 1,623,156
94: 1,623,944
235: 1,623,746
470: 1,623,805
123— 25: 1,623,229
1,623,438
43: 1,623,452
44: 1,623,501
43: 1,623,875
44: 1,623,296
51: 1,623,704
53: 1,623,385
1,623,386
1,623,387
1,623,389
75: 1,623,054
99: 1,623,632
1,623,860
202: 1,623,075
129— 1: 1,623,235
1,623,524
7: 1,623,524
12: 1,623,145
1,623,283
13: 1,623,314
130— 9: 1,623,088
131— 12: 1,623,661
51: 1,623,140
1,623,635
132— 32: 1,623,736
33: 1,623,758
41: 1,623,838
45: 1,623,292
79: 1,623,877
92: 1,623,231
135— 1: 1,623,507
4: 1,623,154
136— 132: 1,623,719
137— 21: 1,623,802
68: 1,623,132
1,623,160
1,623,161
1,623,586
1,623,811
73: 1,623,485
75: 1,623,112
78: 1,623,843
104: 1,623,374
130: 1,623,115
153: 1,623,489
1,623,660
139— 80: 1,623,105
141: 1,623,258
232: 1,623,861
270: 1,623,491
383: 1,623,637
141— 1: 1,623,363
[9: 1,623,182
1,623,203
1,623,703
11: 1,623,392
142— 18: 1,623,638
143— 43: 1,623,200
66: 1,623,309
109: 1,623,554
144— 66: 1,623,626
84: 1,623,621

123— 90: 1,623,176
1,623,177
1,623,322
1,623,506
1,623,826
1,623,863
122: 1,623,074
1,623,166
1,623,388
1,623,441
124: 1,623,190
127: 1,623,053
1,623,750
149: 1,623,270
169: 1,623,129
1,623,432
1,623,468
173: 1,623,639
174: 1,623,128
1,623,804
1,623,902
175: 1,623,502
1,623,803
180: 1,623,253
182: 1,623,589
188: 1,623,525
191: 1,623,940
195: 1,623,462
196: 1,623,242
125— 11: 1,623,113
126— 42: 1,623,812
67: 1,623,634
85: 1,623,487
190: 1,623,334
1,623,408
128— 60: 1,623,124
133: 1,623,125
249: 1,623,454
129— 1: 1,623,235
1,623,524
7: 1,623,524
12: 1,623,145
1,623,283
13: 1,623,314
130— 9: 1,623,088
131— 12: 1,623,661
51: 1,623,140
1,623,635
132— 32: 1,623,736
33: 1,623,758
41: 1,623,838
45: 1,623,292
79: 1,623,877
92: 1,623,231
135— 1: 1,623,507
4: 1,623,154
136— 132: 1,623,719
137— 21: 1,623,802
68: 1,623,132
1,623,160
1,623,161
1,623,586
1,623,811
73: 1,623,485
75: 1,623,112
78: 1,623,843
104: 1,623,374
130: 1,623,115
153: 1,623,489
1,623,660
139— 80: 1,623,105
141: 1,623,258
232: 1,623,861
270: 1,623,491
383: 1,623,637
141— 1: 1,623,363
[9: 1,623,182
1,623,203
1,623,703
11: 1,623,392
142— 18: 1,623,638
143— 43: 1,623,200
66: 1,623,309
109: 1,623,554
144— 66: 1,623,626
84: 1,623,621

144— 185: 1,623,261
145— 17: 1,623,644
35: 1,623,859
66: 1,623,541
146— 67: 1,623,795
150: 1,623,498
170: 1,623,089
189: 1,623,141
149— 11: 1,623,943
150— 40: 1,623,627
151— 8: 1,623,365
19: 1,623,886
152— 24: 1,623,923
29: 1,623,162
30: 1,623,656
153— 2: 1,623,594
48: 1,623,637
64.5: 1,623,766
70: 1,623,807
76: 1,623,467
1,623,916
80: 1,623,405
154— 9: 1,623,730
155— 63: 1,623,913
115: 1,623,818
189: 1,623,259
194: 1,623,800
156— 24: 1,623,578
27: 1,623,274
36: 1,623,835
158— 36.1: 1,623,237
91: 1,623,415
1,623,930
364: 1,623,049
164— 47: 1,623,044
48: 1,623,495
77: 1,623,354
78: 1,623,167
84: 1,623,158
166— 1: 1,623,866
8: 1,623,055
14: 1,623,403
17: 1,623,890
160— 26: 1,623,476
32: 1,623,289
37: 1,723,887
170— 159: 1,623,373
1,623,420
1,623,868
163: 1,623,549
171— 95: 1,623,915
97: 1,623,648
119: 1,623,839
252: 1,623,829
324: 1,623,846
172— 239: 1,623,266
1,623,669
173— 321: 1,623,864
322: 1,623,332
356: 1,623,740
358: 1,623,716
367: 1,623,823
174— 89: 1,623,552
175— 41.5: 1,623,360
1,623,563
1,623,741
1,623,742
356: 1,623,143
1,623,345

175— 356: 1,623,426
364: 1,623,665
176— 2: 1,623,323
16: 1,623,351
37: 1,623,836
66: 1,623,848
132: 1,623,784
177— 311: 1,623,700
327: 1,623,905
329: 1,623,376
337: 1,623,950
339: 1,623,219
178— 2: 1,623,220
17: 1,623,748
27: 1,623,509
34: 1,623,810
45: 1,623,555
179— 1: 1,623,480
6.3: 1,623,769
15: 1,623,479
1,623,600
18: 1,623,230
1,623,320
1,623,714
1,623,777
27: 1,623,118
1,623,139
1,623,336
1,623,337
1,623,734
100.1: 1,623,756
170: 1,623,095
179: 1,623,065
180— 10: 1,623,724
1,623,725
14: 1,623,815
17: 1,623,929
53: 1,623,221
68: 1,623,473
181— 27: 1,623,561
1,623,935
182— 25: 1,623,515
183— 75: 1,623,636
184— 6: 1,623,728
7: 1,623,240
11: 1,623,461
105: 1,623,097
106: 1,623,254
187— 2: 1,623,147
29: 1,623,349
31: 1,623,267
188— 2: 1,623,312
32: 1,623,762
1,623,895
71: 1,623,817
78: 1,623,380
88: R. 16,582
130: 1,623,428
140: 1,623,472
1,623,733
260: 1,623,304
264: 1,623,706
189— 46: 1,623,874
75: 1,623,496
191— 32: 1,623,920
40: 1,623,694
43: 1,623,658
66: 1,623,430

192— 21: 1,623,236
43.1: 1,623,108
60: 1,623,206
68: 1,623,470
105: 1,623,862
194— 59: 1,623,466
61: 1,623,744
102: 1,623,186
195— 17: 1,623,896
196— 5: 1,623,691
58: 1,623,729
93: 1,623,790
116: 1,623,773
139: 1,623,136
197— 91: 1,623,481
135: 1,623,445
147: 1,623,482
150: 1,623,366
151: 1,623,063
194: 1,623,042
198— 28: 1,623,357
29: 1,623,310
103: 1,623,825
129: 1,623,247
200— 16: 1,623,937
46: 1,623,164
52: 1,623,571
67: 1,623,573
83: 1,623,842
115.5: 1,623,205
128: 1,623,819
137: 1,623,326
139: 1,623,568
144: 1,623,531
147: 1,623,851
150: 1,623,787
166: 1,623,098
201— 52: 1,623,492
55: 1,623,198
202— 9: 1,623,460
204— 5: 1,623,246
206— 16: 1,623,798
41: 1,623,512
44: 1,623,547
53: 1,623,486
56: 1,623,509
57: 1,623,806
66: 1,623,684
208— 42: 1,623,886
113: 1,623,400
209— 82: 1,623,352
107: 1,623,275
139: 1,623,040
199: 1,623,421
210— 24: 1,623,399
57: 1,623,437
211— 8: 1,623,353
1,623,708
1,623,947
14: 1,623,244
214— 17: 1,623,625
18: 1,623,527
132: 1,623,194
215— 11: 1,623,544
31: 1,623,459
218— 1: 1,623,796
219— 4: 1,623,249
6: 1,623,434
8: 1,623,344

219— 10: 1,623,654
24: 1,623,630
44: 1,623,209
220— 6: 1,623,509
9: 1,623,763
46: 1,623,808
57: 1,623,702
86: 1,623,511
94: 1,623,409
221— 1: 1,623,107
47: 1,623,904
47.1: 1,623,101
47.4: 1,623,775
67: 1,623,371
79: 1,623,690
223— 18.3: 1,623,931
224— 29: 1,623,377
1,623,484
1,623,914
225— 21: 1,623,567
226— 15: 1,623,393
26: 1,623,560
88.1: 1,623,066
228— 52: 1,623,821
229— 1.5: 1,623,269
41: 1,623,713
230— 7: 1,623,607
11: 1,623,650
14: 1,623,104
27: 1,623,647
30: 1,623,315
1,623,378
1,623,586
32: 1,623,341
1,623,494
1,623,798
232— 41: 1,623,827
233— 2: 1,623,508
235— 92: 1,623,204
95: 1,623,562
102: 1,623,217
236— 15: 1,623,566
1,623,576
26: 1,623,243
44: 1,623,712
163: 1,623,755
238— 8: 1,623,911
19: 1,623,713
37: 1,623,185
240— 3: 1,623,699
8.26: 1,623,131
8.2: 1,623,687
10: 1,623,086
61: 1,623,395
242— 27: 1,623,191
58: 1,623,277
131: 1,623,346
147: 1,623,608
244— 1: 1,623,893
3: 1,623,649
1,623,653
1,623,663
1,623,680
1,623,681
1,623,865
1,623,938
1,623,951
1,623,952
14: 1,623,613

244— 29: 1,623,121
247— 1: 1,623,813
15: 1,623,587
248— 30: 1,623,919
36: 1,623,792
249— 4: 1,623,629
35: 1,623,192
250— 17: 1,623,745
30: 1,623,918
27: 1,623,628
34: 1,623,567
1,623,569
1,623,575
39: 1,623,152
251— 22: 1,623,557
73: 1,623,580
84: 1,623,056
104: 1,623,248
126: 1,623,921
252— 2: 1,623,169
253— 154: 1,623,446
255— 14: 1,623,696
18: 1,623,928
74: 1,623,453
256— 24: 1,623,873
257— 30: 1,623,941
104: 1,623,909
136: 1,623,215
1,623,579
239: 1,623,617
259— 122: 1,623,754
131: 1,623,256
260— 2: 1,623,901
53: 1,623,410
110: 1,623,678
150: 1,623,949
166: 1,623,061
261— 18: 1,623,760
41: 1,623,347
43: 1,623,683
50: 1,623,899
63: 1,623,668
107: 1,623,682
111: 1,623,079
262— 33: 1,623,317
263— 2: 1,623,503
6: 1,623,469
264— 3: 1,623,198
11: 1,623,655
13: 1,623,550
1,623,558
17: 1,623,822
265— 21: 1,623,809
28: 1,623,820
29: 1,623,414
39: 1,623,134
1,623,137
62: 1,623,276
68: 1,623,238
266— 6: 1,623,537
267— 2: 1,623,081
36: 1,623,422
54: 1,623,844
56: 1,623,651
1,623,845
66: 1,623,046
268— 2: 1,623,674
101: 1,623,383
271— 86: 1,623,195

272— 9: 1,623,282
80: 1,623,671
82: 1,623,670
273— 33: 1,623,119
1,623,782
80: 1,623,523
87: 1,623,518
89: 1,623,038
127: 1,623,284
131: 1,623,881
156: 1,623,035
274— 2: 1,623,451
10: 1,623,559
38: 1,623,785
41: R. 16,588
275— 2: 1,623,743
278— 96.3: 1,623,642
279— 59: 1,623,705
280— 33: 1,623,214
33.1: 1,623,179
61: 1,623,298
87.6: 1,623,443
92: 1,623,726
94: 1,623,751
96.3: 1,623,554
164: 1,623,794
281— 19: 1,623,339
286— 31: 1,623,150
287— 52: 1,623,262
104: 1,623,153
289— 2: 1,623,233
292— 140: 1,623,343
1,623,579
207: 1,623,610
209: 1,623,985
259: 1,623,853
281: 1,623,050
355: 1,623,324
293— 55: 1,623,398
1,623,404
1,623,412
1,623,413
1,623,471
1,623,583
1,623,584
57: 1,623,849
294— 28: 1,623,679
296— 28: 1,623,946
45: 1,623,830
97: 1,623,831
143: 1,623,934
299— 36: 1,623,778
301— 32: 1,623,307
1,623,372
35: 1,623,834
63: 1,623,355
1,623,645
303— 6.1: 1,623,171
1,623,174
54: 1,623,128
304— 1: 1,623,066
39: 1,623,898
305— 10: 1,623,452
1,623,456
1,623,487

Apr. 12, 1927

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Ackerman, Ellena M., Santa Barbara, Calif. Sanitary belt or supporter. 226,557; Apr. 12; Serial No. 238,762; published Jan. 25, 1927.

Addressograph Company, Chicago, Ill. Printing machines. 226,560; Apr. 12; Serial No. 239,346; published Feb. 1, 1927.

Aktiebolaget Pastill, Gefle, Sweden. Pastils and tablets for the care of the mouth, throat, and chest, etc. 226,537; Apr. 12; Serial No. 228,288; published Feb. 1, 1927.

Aloe, A. S., Co., St. Louis, Mo. Hypodermic syringes. 226,602; Apr. 12; Serial No. 241,016; published Feb. 1, 1927.

American Glue Co., assignor to American Glue Company, Boston, Mass. Emery cloth and sandpaper. 62,260; renewed Apr. 30, 1927.

American Hard Rubber Company, Hempstead and New York, N. Y. Hard-rubber bowling balls. 64,694; renewed Aug. 20, 1927.

American Hard Rubber Company, Hempstead and New York, N. Y. Sheet rubber. 64,717; renewed Aug. 20, 1927.

American Laundry Machinery Company, The, Norwood Station, Cincinnati, Ohio. Pressing machines. 226,511; Apr. 12; Serial No. 240,286; published Feb. 1, 1927.

American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France; and Berlin, Germany, to American Radiator Company, New York, N. Y. Radiators. 60,637–9; renewed Feb. 19, 1927.

American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France; and Berlin, Germany, to American Radiator Company, New York, N. Y. Radiators. 60,641–2; renewed Feb. 19, 1927.

American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France; and Berlin, Germany, to American Radiator Company, New York, N. Y. Radiators. 60,673; renewed Feb. 19, 1927.

American Steel Works, Kansas City, Mo. Steel tanks. 226,555; Apr. 12; Serial No. 238,565; published Feb. 1, 1927.

American Waltham Watch Co., Boston and Waltham, Mass., assignor to Waltham Watch Company, Waltham, Mass. Watches, watch movements, and parts of watches. 29,647–9; renewed Mar. 9, 1927.

Ames Shovel and Tool Company, Boston, Mass. Shovels, spades, and scoops. 226,596–7; Apr. 12; Serial Nos. 241,126–7; published Jan. 11, 1927.

Ames Shovel and Tool Company, Boston, Mass. Shovels, spades, and scoops. 226,599–601; Apr. 12; Serial Nos. 241,018–20; published Jan. 11, 1927.

Anderson, Virgil C., Pleasant Grove, Calif. Automobile tires. 226,616; Apr. 12; Serial No. 215,433; published Feb. 1, 1927.

Andrew's Mill Co., Andrew's Village, Woonsocket, R. I. Woolens and worsteds in the piece. 226,641; Apr. 12; Serial No. 241,381; published Feb. 1, 1927.

Apollinaris Company, Limited, The, London, England. Mineral water. 64,655; renewed Aug. 20, 1927.

Armstrong, William F. (See Bartlett, George E., assignor.)

Associates for Government Service, Incorporated, The, New York, N. Y. Women's work dresses and gowns. 226,558; Apr. 12; Serial No. 238,893; published Jan. 11, 1927.

Autosales Corporation, Long Island City, N. Y. Weighing machines. 226,572; Apr. 12; Serial No. 237,529; published Feb. 1, 1927.

B. M. C. Holding Co., Inc. (See Pritchard, Lewis C.)

Babcock, A. P., Company, New York, N. Y. Face powders, creams, and packs, toilet waters, rouges, etc. 226,519; Apr. 12; Serial No. 240,798; published Feb. 1, 1927.

Badger Rubber Works, The, Milwaukee, and Cudahy, Wis. Inside tire sleeves, flaps, and tire plasters, patches, repair kits, etc. 226,474; Apr. 12; Serial No. 240,587; published Feb. 1, 1927.

Baignol & Farjon, Paris, France. Pencils and penholders. 226,541; Apr. 12; Serial No. 230,272; published Feb. 1, 1927.

Barl Movr Truck Co., Wichita, Kans. Hand trucks. 226,485; Apr. 12; Serial No. 240,695; published Feb. 1, 1927.

Bartlett, George E., assignor to W. F. Armstrong, Boston, Mass. Shoes. 64,958; renewed Sept. 3, 1927.

Bath, John, & Company, Inc., Worcester, Mass. Taps, die blocks, hobs, thread-rolling dies, etc. 226,623; Apr. 12; Serial No. 223,015; published Feb. 1, 1927.

Bay State Thread Works, Springfield, Mass. Cotton thread. 226,638; Apr. 12; Serial No. 241,558; published Feb. 1, 1927.

Baylis, A. W., Co., New York, N. Y. Woven fabrics of silk, artificial silk, cotton, and wool and combinations thereof in the piece. 226,535; Apr. 12; Serial No. 225,697; published Feb. 1, 1927.

Belco Chem. Co. (See Cohen, William B.)

Bell & Gossett Company, The, Chicago, Ill. Submerged water heaters. 226,588; Apr. 12; Serial No. 240,950; published Feb. 1, 1927.

Bernstein, William, New York, N. Y. Leather boots, shoes, and slippers. 64,959; renewed Sept. 3, 1927.

Bertle Company, The. (See Heilig, J. Winfield.)

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 226,548; Apr. 12; Serial No. 234,076; published Feb. 1, 1927.

Bobrow, Alexander, Brooklyn, N. Y. Alkaline drug in tablet form to be taken internally. 226,585; Apr. 12; Serial No. 241,033; published Feb. 1, 1927.

Bobrow, Alexander, Brooklyn, N. Y. Drug in powder form acting as an antiseptic. 226,586; Apr. 12; Serial No. 241,032; published Feb. 1, 1927.

Bohm, F. A., to F. A. Bohm A.-G., Untersachsenberg, Germany, successor. Mouth harmonicas. 62,092; renewed Apr. 16, 1927.

Borgfeldt, Geo., & Co., New York, N. Y. Dolls. 226,469; Apr. 12; Serial No. 240,525; published Feb. 1, 1927.

Borletti, Fratelli, Milan, Italy. Alarm clocks. 226,538; Apr. 12; Serial No. 226,538; published Jan. 11, 1927.

Boston Wire Stitcher Company, East Greenwich, R. I. Staples for tacking, stitching, and binding. 226,587; Apr. 12; Serial No. 240,955; published Feb. 1, 1927.

Bradley, Smith Company, The, New Haven, Conn. Confectionery. 64,724; renewed Aug. 20, 1927.

Bradley, Smith Company, The, New Haven, Conn. Chocolates, bonbons, and chewing candy. 64,725; renewed Aug. 20, 1927.

Bradshaw, Lucy B., Wenham, Mass. Candy. 226,509; Apr. 12; Serial No. 240,241; published Feb. 1, 1927.

Bridges, Clyde L., Dallas, Tex. Beverages and sirups for making the same. 226,479; Apr. 12; Serial No. 241,650; published Feb. 1, 1927.

Brinkerhoff, Lillian G., Caldwell, N. J. Cleansing complexion cream. 226,467; Apr. 12; Serial No. 237,850; published Jan. 25, 1927.

Browne, Amelia R., doing business as Go-Pile Company, Brockton, Mass. Pile-treatment preparation. 226,554; Apr. 12; Serial No. 241,131; published Feb. 1, 1927.

Bruce Laboratories. (See Gay, Edyth B.)

Bucklen, H. E., & Company, New York, N. Y. Remedies for disordered liver, billousness, etc. 226,561; Apr. 12; Serial No. 239,353; published Feb. 1, 1927.

Burgon & Wilkinson, Limited, to Burgon & Ball Limited, Sheffield, England. Sheep shears. 30,188; renewed June 15, 1927.

Burt, E. W., & Co., Inc., Boston, Mass., assignor to Ground Gripper Shoe Company, Inc., New York, N. Y., and Boston, Mass. Leather boots and shoes. 64,779; renewed Aug. 20, 1927.

Cable Company, The, Chicago, Ill. Pianos, automatic piano players, and self-playing pianos. 63,092; renewed June 4, 1927.

Carbo-Septic Corporation, New York, N. Y. Gargles for throat affections and mouth washes. 226,463; Apr. 12; Serial No. 240,339; published Jan. 11, 1927.

Carnrick, G. W., Co., New York, N. Y. Endocrine tonic. 226,594; Apr. 12; Serial No. 241,201; published Feb. 8, 1927.

Central Paper Box Co. (See Purchas, Frederick A.)

Central Scientific Company, Chicago, Ill. Acetamide, acetanilid, acetic anhydride, sodium, cobalt, iron, etc. 226,615; Apr. 12; Serial No. 212,999; published Feb. 1, 1927.

Chapman, Jeanette P., doing business as Jeanette's, Somerville, Mass. Mayonnaise and salad dressings. 226,603; Apr. 12; Serial No. 240,957; published Feb. 1, 1927.

Charter Oak Stove & Range Company, St. Louis, Mo. Stoves. 226,627; Apr. 12; Serial No. 239,698; published Feb. 1, 1927.

Chemical Foundation, Incorporated, The. (See Schimmel & Co., assignor.)

Christensen, Richard M., New York, N. Y. Wash cloths. 226,643; Apr. 12; Serial No. 241,261; published Feb. 1, 1927.

Christian Herald, New York, N. Y. Magazine. 226,478; Apr. 12; Serial No. 240,642; published Feb. 1, 1927.

Clardy, Perry F., Ethel, Mo. Live poultry, baby chicks, and eggs. 226,653; Apr. 12.

Clark Thread Company, The, Newark, N. J. Sewing cotton or cotton thread. 61,841; renewed Apr. 9, 1927.

Clark Thread Company, The, Newark, N. J. All kinds of cotton thread. 62,022; renewed Apr. 16, 1927.

Clark Thread Company, The, Newark, N. J. Crochet cotton or cotton thread. 62,023; renewed Apr. 16, 1927.

Clark Thread Company, The, Newark, N. J. Sewing cotton or cotton thread. 63,639; renewed July 2, 1927.

Clark, W. G., & Co. Inc., North Attleboro, Mass. Vapor lighters for cigars, cigarettes, and the like. 226,518; Apr. 12; Serial No. 240,805; published Feb. 1, 1927.

Clarkson & Ford Co., New York, N. Y. Lubricating oil. 61,072; renewed Mar. 5, 1927.

Clarkson & Ford Co., New York, N. Y. Cutting oil. 61,073; renewed Mar. 5, 1927.
Cleveland Pneumatic Tool Company, The, Cleveland, Ohio. Yielding struts for landing gears of aeroplanes and hydroplanes. 226,503; Apr. 12; Serial No. 239,970; published Feb. 1, 1927.
Cloverine Fertilizer Co., Mount Pleasant, Jackson, and Paris, Tenn., assignor to H. D. Ruhm, doing business as Cloverine Fertilizer Company, Mount Pleasant, Tenn. Artificial fertilizers. 54,466; renewed June 26, 1926.
Cohen, William B., doing business as Belco Chem. Co., St. Paul, Minn. Powder, rouge, lemon cream, cold cream, etc. 226,617; Apr. 12; Serial No. 219,230; published Oct. 12, 1926.
Cohn, Aaron, Philadelphia, Pa. Hot-air dampers. 226,620; Apr. 12; Serial No. 221,050; published Feb. 1, 1927.
Collins, C. C., Company, Santa Ana, Calif. Walnuts. 226,490; Apr. 12; Serial No. 237,152; published Feb. 1, 1927.
Columbia Steel Equipment Company, Philadelphia, Pa. Filing cabinets. 226,636; Apr. 12; Serial No. 241,604; published Feb. 1, 1927.
Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 226,544; Apr. 12; Serial No. 233,100; published Feb. 1. 1927.
Conover, C. E., Co., The, New York, N. Y. Sanitary aprons, sanitary step-ins, sanitary (rubber panel back) shadow skirts. 226,576; Apr. 12; Serial No. 238,250; published Feb. 1, 1927.
Conover, C. E., Co., The, New York, N. Y. Rubber play balls. 226,577; Apr. 12; Serial No. 238,253; published Feb. 1 1927.
Conover, C. E., Co., The, New York, N. Y. Bathing bags. 226,578; Apr. 12; Serial No. 238,254; published Feb. 1, 1927.
Continental Bank Supply Company, Mexico, Mo. Bank supplies. 226,649; Apr. 12.
Cottonoid Products Company, Chicago, Ill. Sanitary napkins and surgical pads. 226,629; Apr. 12; Serial No. 224,550; published Feb. 1, 1927.
Crane Company, assignor to Crane Co., Chicago, Ill. Magazines. 64,027; renewed July 23, 1927.
Cream of Wheat Company, Minneapolis, Minn. Wheat breakfast food. 226,621; Apr. 12; Serial No. 221,738; published Dec. 21, 1926.
Crofut & Knapp Co., South Norwalk, Conn. Hats. 30,389; renewed July 20, 1927.
Deming & Gould Co., Chicago, Ill., and South Bellingham, Wash. Canned fruits and vegetables. 226,487–8; Apr. 12; Serial Nos. 237,116–7; published Feb. 1, 1927.
Deming & Gould Co., Chicago, Ill., and South Bellingham, Wash. Canned fruits and vegetables. 226,489; Apr. 12; Serial No. 237,119; published Feb. 1, 1927.
Deming & Gould Co., Chicago, Ill., and South Bellingham, Wash. Canned fruits and vegetables. 226,632; Apr. 12; Serial No. 237,115; published Feb. 1, 1927.
Deutsch-Französische Cognac-Brennerei und Weisprit-Raffinerie vorm. Gebrüder Macholl (Actiengesellschaft), assignor, by mesne assignments, to Weinbrennerei vorm. Gebr. Macholl A.-G., Munich, Germany. Cognacs. 65,164; renewed Sept. 10, 1927.
Di Benedetto, Rocco, Baltimore, Md. Medicinal preparation for the treatment of influenza, asthma, burns, and scalds, etc. 226,517; Apr. 12; Serial No. 240,810; published Feb. 1, 1927.
Dimitrino & Co., Cairo, Egypt. Cigarettes. 226,536; Apr. 12; Serial No. 228,091; published Feb. 1, 1927.
Dorfan Company, The. (See Forchheimer, Milton.)
Douglass, R. L., doing business as R. L. Douglass Co., East Grand Forks, Minn. Raw potatoes. 226,500; Apr. 12; Serial No. 239,799; published Feb. 1. 1927.
Dovais, Incorporated, Hartford, Conn. Sanitary napkins. 226,609; Apr. 12; Serial No. 239,358; published Feb. 1. 1927.
Drake & Co., to Drake & Co. Inc., New York, N. Y., successor. Leather boots and shoes. 62,636; renewed May 21, 1927.
Drake & Company, Easton, Pa. Chick feed, scratch feed, chicken mash, salad dressing, cheese, canned fruits, etc. 226,608; Apr. 12; Serial No. 240,237; published Feb. 1, 1927.
Dunmire, John H. (See McPherson, T. E., & Co.)
Du Pont Viscoloid Company. (See Pacific Novelty Company.)
Eagle Roller Mill Co., Inc., Shelby, N. C. Wheat flour. 226,654; Apr. 12.
Endicott-Johnson Company, assignor, by mesne assignments, to Endicott Johnson Corporation, Endicott, N. Y. Boots and shoes of leather. 64,335; renewed Aug. 6, 1927.
Esche, Moritz S., Chemnitz, Germany. Knitted hosiery and gloves. 57,122–3; renewed Nov. 6, 1926.
Essex Manufacturing Company, Inc., Burlington, Vt. Men's suits, office coats, pants, caps, etc. 226,610; Apr. 12; Serial No. 237,729; published Nov. 23, 1926.
Ezell, Marion, Oakland, Calif. Brake-adjusting wrenches, wheel pullers, wheel clamps, etc. 226,527; Apr. 12; Serial No. 236,310; published Feb. 1, 1927.
Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Washing powder and scouring soap. 61,856; renewed Aug. 27, 1927.
Feigel, M., & Bros., Inc., New York, N. Y. Lacquer. 226,605; Apr. 12; Serial No. 240,813; published Feb. 1, 1927.
Felten & Guilleaume, Mulheim, Germany, assignor to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Koln-Mulheim, Germany. Wire for musical instruments. 29,859; renewed Apr. 20, 1927.
Fergusson, Alexander C., jr., doing business as Fergusson Laboratories, Philadelphia, Pa. Liquid soap. 226,499; Apr. 12; Serial No. 205,003; published Feb. 1, 1927.
Fishelov, Irving H., doing business as H. Fishelov & Co., Chicago, Ill. Whisky glasses, wine glasses, tumblers of glass, and flasks of glass. 226,549; Apr. 12; Serial No. 234,205; published Feb. 1, 1927.
Fisher, S., & Co. Inc., Hoboken, N. J. Candies. 226,513; Apr. 12; Serial No. 240,299; published Feb. 1, 1927.
Forbes Bros. Tea & Spice Co., St. Louis, Mo. Coffee, tea, cocoa, spices, etc. 226,611; Apr. 12; Serial No. 236,478; published Feb. 1, 1927.
Forchheimer, Milton, doing business as The Dorfan Company, Newark, N. J. Toy trains, toy cars, toy locomotives, etc. 226,625; Apr. 12; Serial No. 224,240; published Feb. 1, 1927.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 226,520; Apr. 12; Serial No. 240,775; published Feb. 1, 1927.
Frantz Manufacturing Co., Sterling, Ill. House, barn, and garage hardware and builders' hardware, as follows: barn-door hinges, tracks for doors, etc. 226,622; Apr. 12; Serial No. 222,980; published Jan. 18, 1927.
Fuller Canneries Company, The, Cleveland, Ohio, and South Dayton, N. Y. Canned vegetables. 64,730; renewed Aug. 20, 1927.
Gacond, Anna L., doing business as Shure-It Mfg. Co., Washington, D. C. Paste for cleaning metallic, vitreous, and enameled objects. 226,542; Apr. 12; Serial No. 232,558; published Feb. 1, 1927.
Gavitt, W. W., Chemical Co., assignor to The Gavitt Loan & Investment Co., Topeka, Kans. Perfume 62,037; renewed Apr. 16, 1927.
Gay, Edyth B., doing business as Bruce Laboratories, Indianapolis, Ind. Preparation for removing soot from stovepipes. 226,404; Apr. 12; Serial No. 240,350; published Feb. 1, 1927.
General Commission Co., Kansas City, Mo. Egg mash, chick mash, and car feed. 226,550; Apr. 12; Serial No. 234,392; published Dec. 14, 1926.
General Dyestuff Corporation, New York, N. Y. Dyes and dyestuffs. 226,492; Apr. 12; Serial No. 237,233; published Feb. 1, 1927.
General Plate Company, Attleboro, Mass. Nonferrous alloys. 226,514; Apr. 12; Serial No. 240,301; published Jan. 25, 1927.
Gianduja Importing Company New York, N. Y. Food products—namely, olive oil, food-flavoring extracts, malt extracts for food purposes, table sirups, etc. 226,612; Apr. 12; Serial No. 233,819; published Feb. 1, 1927.
Gill, Thomas, Soap Co. Inc., Brooklyn, N. Y. Soaps. 64,433; renewed Aug. 6, 1927.
Gillette Safety Razor Company, Boston, Mass. Surgical knives and parts thereof. 266,637; Apr. 12.
Godde, Albert, Bedin, Inc., New York, N. Y. Silk piece goods. 226,642; Apr. 12; Serial No. 241,368; published Feb. 1, 1927.
Godoy, Albert L., New York, N. Y. Photograph-film positives. 226,562; Apr. 12; Serial No. 239,361; published Feb. 1. 1927.
Gold Dust Corporation. (See Fairbank, N. K., Company, The, assignor.)
Goodyear Tire & Rubber Company, The, Akron, Ohio. Elastic vehicle tires. 64,242; renewed July 30, 1927.
Go-Pile Company. (See Browne, Amelia R.)
Gottlieb, Edward, doing business as Gottlieb's Health Drinks of America, New York, N. Y. Orange drink. 226,633; Apr. 12; Serial No. 241,772; published Feb. 1, 1927.
Graham, James, Manufacturing Company, San Francisco, Calif. Stoves and ranges. 65,178; renewed Sept. 10, 1927.
Graham, James, Manufacturing Company, San Francisco, Calif. Stoves and ranges. 65,231; renewed Sept. 10, 1927.
Great Bear Spring Company, New York, N. Y. Ginger ale. 226,470; Apr. 12; Serial No. 240,545; published Feb. 1, 1927.
Ground Gripper Shoe Company. (See Burt, E. W., & Co., assignor.)
Hampshire, F. W., & Co. Ltd., Derby, England. Talcum powder, face powder, face cream, etc. 226,494; Apr. 12; Serial No. 224,911; published Apr. 27, 1926.
Haydenville Company, The, Haydenville, Mass. Valves, cocks, and faucets. 64,784; renewed Aug. 20, 1927.
Heckin Company, The, doing business as Susan's Shop, Cincinnati, Ohio. Coffee. 226,584; Apr. 12; Serial No. 241,101; published Feb. 1, 1927.
Heilig, J. Winfield, doing business as The Bertie Company, New York, N. Y. Face powders, creams, and packs, toilet waters, etc. 226,516; Apr. 12; Serial No. 240,817; published Feb. 1. 1927.
Hertz, Walter, Cologne-on-the-Rhine, Germany. Bathing suits. 226,498; Apr. 12; Serial No. 204,908; published Jan. 11, 1927.

Higgins, Charles D., Greensboro, N. C. Cough sirup. 226,589; Apr. 12; Serial No. 240,912; published Feb. 1, 1927.
Hoffman, George F., doing business as Hoffman Lion Mills Company, New York, N. Y. Twine. 226,639–40; Apr. 12; Serial Nos. 241,414–15; published Feb. 1, 1927.
Hospital Specialty Co., The, Cleveland, Ohio. Sanitary napkins. 226,652; Apr. 12.
Individual Drinking Cup Co., Inc., Easton, Pa. Metal cases and boxes for dispensing cups. 226,507; Apr. 12; Serial No. 240,188; published Feb. 1, 1927.
International Company, The, Baltimore, Md. Powdered egg, food-flavoring extracts, mincemeat, almond paste, etc. 226,595; Apr. 12; Serial No. 241,161; published Feb. 1, 1927.
J. W. S. Delavau Co., Philadelphia, Pa. Preparations for the treatment of whooping cough, croup, bronchitis, etc. 226,512; Apr. 12; Serial No. 240,296; published Jan. 25, 1927.
Jav-O Water Corporation, New York, N. Y. Liquid washing compound. 226,502; Apr. 12; Serial No. 239,860; published Feb. 1, 1927.
Johnston Export Publishing Co., New York, N. Y. Publications. 226,592; Apr. 12; Serial No. 240,858; published Feb. 1, 1927.
Joliet Stove Works, to Moore Brothers Company, Joliet, Ill., successor. Heating and cooking stoves. 54,621; renewed June 26, 1926.
Jones, James H., Cleveland, Ohio. Rug-cleaning machines. 226,563; Apr. 12; Serial No. 239,370; published Feb. 1, 1927.
Julien & Sterling, New York, N. Y. Writing paper, mailing envelopes, box paper, composition books, etc. 226,534; Apr. 12; Serial No. 225,425; published Feb. 1, 1927.
Keep, Mabel, doing business as Keyfoods Company, New York, N. Y., assignor to C. W. Wagner, New York, N. Y. Nutrition salt derived from grains used as a pharmaceutical product. 226,515; Apr. 12; Serial No. 240,307; published Feb. 1, 1927.
Kelly Axe & Tool Co. (See Mann, James H., assignor.)
Kenton Baking Powder Company, Cincinnati, Ohio. Baking powder. 62,943; renewed May 28, 1927.
Kenton Baking Powder Company, Cincinnati, Ohio. Baking powder. 63,198; renewed June 11, 1927.
Keyes, Anthony, doing business as Keyes Metal Polish Co., Naugatuck, Conn. Polish for metals, etc. 226,480; Apr. 12; Serial No. 240,724; published Feb. 1, 1927.
Keyfoods Company. (See Keep, Mabel.)
Keystone Mfg. Co., The, Buffalo, N. Y. Pipe and nut wrenches. 62,642; renewed May 21, 1927.
Keystone Mfg. Co., The, Buffalo, N. Y. Hand tools. 63,021–2; renewed June 4, 1927.
King and Stallkamp, Delphos, Ohio. Preparation for the skin. 226,480; Apr. 12; Serial No. 240,662; published Jan. 25, 1927.
Lalance & Grosjean Mfg. Co., New York, N. Y. Enameled ware. 226,650; Apr. 12.
Lanlar Chemical Corporation, Chicago, Ill. Insecticides, liquid. 226,628; Apr. 12; Serial No. 239,759; published Feb. 1, 1927.
Lanyon, Charles H., deceased, assignor to Lester H. Lanyon, administrator, Chicago, Ill. Veterinary remedies. 29,704; renewed Mar. 6, 1927.
Leonard, John F., Bradford, Pa. Manicure aid preparation. 226,501; Apr. 12; Serial No. 239,812; published Feb. 1, 1927.
Linde, J. E., Paper Co., New York, N. Y. Book paper, cover paper, bond paper, etc. 226,526; Apr. 12; Serial No. 235,394; published Feb. 1, 1927.
Lotzes, A., Sons & Company, assignor, by mesne assignments, to Frederick B. Lotze, doing business as A. Lotzes Sons Co., Cincinnati, Ohio. Heating and ventilating apparatus. 63,122; renewed June 4, 1927.
Luburetor Manufacturing Company, Columbus, Ohio. Lubricating apparatus for internal-combustion engines. 226,508; Apr. 12; Serial No. 240,196; published Feb. 1, 1927.
Lysol, Incorporated, Bloomfield, N. J. Antiseptics and disinfectants. 226,530; Apr. 12; Serial No. 236,426; published Jan. 25, 1927.
Mallos, John P., doing business as The Malted Raisin Co., Wichita, Kans. Malted raisin drink. 226,651; Apr. 12.
Malted Raisin Co., The. (See Mallos, John P.)
Manitowoc Products Company, Manitowoc, Mich. Malt and cereal beverages and malt tonic. 226,531; Apr. 12; Serial No. 236,427; published Dec. 14, 1926.
Mann, James H., Lewistown, Pa., assignor, by mesne assignments, to Kelly Axe & Tool Co., Charleston, W. Va. Axes. 29,573; renewed Feb. 9, 1927.
Manufacturer's Auto Equipment Company. (See Schabinger, Karl C.)
Markham Air Rifle Company, The, Plymouth, Mich. Air rifles. 64,855; renewed Aug. 27 ,1927.
Marshall, Laurence K., Lodi, Calif. Fresh grapes and fresh deciduous fruits. 226,634; Apr. 12; Serial No. 241,737; published Feb. 1, 1927.
McCall Company, The, New York, N. Y. Magazine. 226,481–3; Apr. 12; Serial Nos. 240,671–3; published Feb. 1, 1927.
McCormick & Co., assignor to McCormick & Co. Incorporated, Baltimore, Md. Flavoring extracts. 65,086; renewed Sept. 8, 1927.
McEwan Brothers, New York, N. Y., to McEwan Brothers, Whippany, N. J. Pasteboard. 64,196; renewed July 30, 1927.
McPherson, T. E., & Co., to J. H. Dunmire, Kenneth, Mo., successor. Medicinal remedies for the eyes. 61,187; renewed Mar. 5, 1927.
McRay Refrigerator Company, Kendallville, Ind. Refrigerators. 226,573; Apr. 12; Serial No. 237,558; published Feb. 1, 1927.
McRoskey, Edward, Mattress Co., San Francisco, Calif. Mattresses, bed springs, pillows, and couches. 226,624; Apr. 12; Serial No. 223,314; published Feb. 1, 1297.
Menzley-Diederich Company, Inc., Los Angeles, Calif. Shower-bath curtains. 226,528–9; Apr. 12; Serial Nos. 236,378–9; published Feb. 1, 1927.
Metallized Lacquer Corporation, San Francisco, Calif. Lacquer. 226,539; Apr. 12; Serial No. 229,974; published Jan. 18, 1927.
Meyer, Fred J., Manufacturing Co., Hamilton, Ohio. Machine sifters. 61,942; renewed Apr. 9, 1927.
Miller, Julius, doing business as Miller Products Company, Hillside, N. J. Laxative. 226,532; Apr. 12; Serial No. 236,559; published Feb. 1, 1927.
Milton Piano Company, New York, N. Y. Pianos. 63,746; renewed July 9, 1927.
Mintee Massage Laboratories, Hackensack, N. J. Medicinal treatment for lumbago, etc. 226,644; Apr. 12; Serial No. 241,233; published Feb. 1, 1927.
Moody, Charles E., & Co., assignor to Charles E. Moody & Co. Inc., Boston, Mass. Canned fish. 61,860; renewed Apr. 9, 1927.
Moody, Charles E., & Co., assignor to Charles E. Moody & Co. Inc., Boston, Mass. Tea and coffee. 62,270; renewed Apr. 30, 1927.
Moore Brothers Company. (See Joliet Stove Works.)
Morrill, Sarah C., to Chas. Morrill, Inc., New York, N. Y., successor. Hand tools. 60,722; renewed Feb. 19, 1927.
Myrurgia, S. A., Barcelona, Spain. Perfumes and toilet water. 226,471; Apr. 12; Serial No. 240,567; published Jan. 25, 1927.
National Grocer Company, Detroit, Mich., and Decatur, Ill. Canned fruits, vegetables, fish, canned oysters, clams, crab meat, etc. 226,614; Apr. 12; Serial No. 225,130; published Feb. 1, 1927.
National Gum Co., Inc., The, Newark, N. J. Chewing gum. 226,583; Apr. 12; Serial No. 241,114; published Feb. 1, 1927.
National Sportsman, Inc., Boston, Mass. Magazine. 226,484; Apr. 12; Serial No. 240,675; published Feb. 1, 1927.
Naylor, John S., & Co., to John S. Naylor Co., The, Wheeling, W. Va., successor. Hosiery and knitted underwear. 62,699; renewed May 21, 1927.
Northwestern Motor Company, Eau Claire, Wis. Internal-combustion engines and cooling devices for internal-combustion engines. 226,546; Apr. 12; Serial No. 233,620; published Feb. 1. 1927.
Northwestern Petroleum Corporation, Appleton, Wis. Lubricating oils and greases. 226,574; Apr. 12; Serial No. 237,562; published Nov. 30, 1926.
Norwich Pharmacal Company, The, Norwich, N. Y. Pharmaceutical preparations. 226,580; Apr. 12; Serial No. 238,517; published Jan. 25, 1927.
Nott, W. S., Company, Minneapolis, Minn. Rubber belting, rubber and cotton rubber-lined hose and rubber packings. 64,688; renewed Aug. 20, 1927.
Nulomoline Company, The, New York, N. Y. Monthly publication. 226,579; Apr. 12; Serial No. 238,341; published Feb. 1, 1927.
Oliver-Finnie Co., Memphis, Tenn. Baking powder. 64,858; renewed Aug. 27, 1927.
Oliver-Finnie Co., Memphis, Tenn. Foods. 64,922–3; renewed Aug. 27, 1927.
Oliver-Finnie Co., Memphis, Tenn. Candies, crystallized fruits, and glacé fruits. 65,054; renewed Sept. 3, 1927.
Oliver-Finnie Co., Memphis, Tenn. Beverages and preparations for making beverages. 65,088; renewed Sept. 3, 1927.
Oneida Community Limited, Oneida and Niagara Falls, to Oneida Community Limited, Oneida, N. Y. Animal traps. 61,173; renewed Mar. 5, 1927.
Oppenheimer, S., & Levy, assignor, by mesne assignments, to Van Raalte Company, Inc., New York, N. Y. Net veilings. 64,224; renewed July 30, 1927.
Owens Bottle Company, The, Toledo, Ohio. Nursing bottles. 226,475; Apr. 12; Serial No. 240,622; published Jan. 25, 1927.
Pacific Novelty Company, New York, N. Y., to Du Pont Viscoloid Company, Inc., Arlington, N. J., and New York, N. Y., successor. Hairpins, combs, and hair ornaments. 65,055; renewed Sept. 3, 1927.
Panchaud, Lactina Suisse, S. A., Vevey, Switzerland; Lyon, France; and Kehl, Germany. Substitute for natural milk for rearing calves and young pigs. 226,613; Apr. 12; Serial No. 228,320; published Feb 1, 1927.
Parfumerie Roger et Gallet, Société Anonyme, Paris, France. Soaps, soap pastes, and soap powders. 226,559; Apr. 12; Serial No. 239,261; published Jan. 11, 1927.
Parke, Davis & Company, Detroit, Mich. Extract of parathyroid gland. 226,510; Apr. 12; Serial No. 240,275; published Feb. 1, 1927.

Patrick, F. A., & Company, Duluth, Minn. Hosiery. 59,698; renewed Jan. 15, 1927.
Patterson-Sargent Company, The, Cleveland, Ohio. Carbon paint. 29,910; renewed Apr. 27, 1927.
Patterson-Sargent Company, The, Cleveland, Ohio. Varnishes. 61,264; renewed Mar. 12, 1927.
Patterson-Sargent Co., The, Cleveland, Ohio, and Chicago, Ill., to The Patterson-Sargent Company, Cleveland, Ohio. Varnish. 30,077; renewed May 25, 1927.
Penn Handkerchief Co., Inc., Madison, N. C. Handkerchiefs. 226,656; Apr. 12.
Perfection Laboratories, doing business as Quic Laboratories, Chicago, Ill. Shampoo and tooth paste. 226,465; Apr. 12; Serial No. 240,363; published Feb. 1, 1927.
Pfeiffer, S., Mfg. Co., St. Louis, Mo. Medicinal preparations. 226,545; Apr. 12; Serial No. 233,573; published Feb. 1, 1927.
Philippe, Louis, Inc., New York, N. Y. Face creams and rouges. 226,523; Apr. 12; Serial No. 234,631; published Oct. 12, 1926.
Pickard, Hermann & Fils, Alexora Watch Manufactory, La Chaux-de-Fonds, Switzerland. Watches, watch movements, watchcases, and watch dials. 226,655; Apr. 12.
Piru Citrus Association, Piru, Calif. Fresh citrous fruits. 226,547; Apr. 12; Serial No. 233,747; published Feb. 1, 1927.
Pittsburgh Plate Glass Company, Pittsburgh, Pa. Pyroxylin lacquers. 226,598; Apr. 12; Serial No. 241,116; published Feb. 1, 1927.
Play Paddle Mfg. Co. (See Thompson, Andrew L.)
Porcela Company, The, to Porcela-Radex Co., Pittsburgh, Pa., successor. Detergents. 62,097; renewed Apr. 16, 1927.
Priscilla Worsted Mills, Inc., Thornton, R. I. Worsted and wool yarn. 226,551–3; Apr. 12; Serial Nos. 167,649–51; published Feb. 1, 1927.
Pritchard, Lewis C., doing business as B. M. C. Holding Co., Inc., Parkersburg, W. Va. Coupons and discount charts. 226,496; Apr. 12; Serial No. 190,853; published Feb. 1, 1927.
Purchas, Frederick A., doing business as Central Paper Box Co., McGraw, N. Y. Drawer partitions. 226,635; Apr. 12; Serial No. 241,669; published Feb. 1, 1927.
Quic Laboratories. (See Perfection Laboratories.)
Raethka, Bertha, Cleveland, Ohio. Depilatory. 226,504; Apr. 12; Serial No. 240,092; published Feb. 1, 1927.
Raniville, F., Company, Grand Rapids, Mich. Belting. 226,491; Apr. 12; Serial No. 237,191; published Feb. 1, 1927.
Raniville, F., Company, Grand Rapids, Mich. Belting. 226,575; Apr. 12; Serial No. 237,697; published Feb. 1, 1927.
Rawlplug Co., Inc., The, New York, N. Y. Drills for boring holes in plaster and other building material. 226,524; Apr. 12; Serial No. 234,941; published Feb. 1, 1927.
Red Sun Products Co., Chicago, Ill. Malt sirup. 226,604; Apr. 12; Serial No. 240,924; published Feb. 1, 1927.
Richardson, Bess E., Los Angeles, Calif. Cartons and paper containers. 226,522; Apr. 12; Serial No. 240,734; published Feb. 1, 1927.
Richmond Cedar Works, Richmond, Va. Ice-cream freezers. 64,946; renewed Aug. 27, 1927.
Robertson, John, & Son, Ltd., Dundee, Scotland. Whisky. 63,050; renewed June 4, 1927.
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass., to Robinson Bros. & Company Incorporated, Malden, Mass. Soap. 64,665; renewed Aug. 20, 1927.
Rogers and Company, Chicago, Ill., and New York, N. Y. Printed books, pamphlets, and circulars. 64,797; renewed Aug. 20, 1927.
Rosen, Henry G., doing business as Vix Laboratories, Brooklyn, N. Y. Automobile polish. 226,468; Apr. 12; Serial No. 240,443; published Jan. 25, 1927.
Ruhm, H. D. (See Cloverine Fertilizer Co., assignor.)
Rundle, George H., Company, Piqua, Ohio. Remedy for certain diseases. 64,011; renewed July 16, 1927.
Schabinger, Karl C., doing business as Manufacturer's Auto Equipment Company, Los Angeles, Calif. Brake-drum-truing machines. 226,629; Apr. 12; Serial No. 239,772; published Feb. 1, 1927.
Schiffmann, R., Company, St. Paul, Minn., assignor to R. Schiffmann Company, Los Angeles, Calif. Medical compound. 62,459; renewed May 7, 1927.
Schimmel & Co., Miltitz, near Leipzig, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Antitoxic serums. 62,058; renewed Apr. 16, 1927.
Schmidt, Florian J., Palm Beach, Fla. Medicine. 226,476; Apr. 12; Serial No. 240,627; published Feb. 1, 1927.
Schoen Brothers, Inc., Atlanta, Ga. Fertilizers. 226,521; Apr. 12; Serial No. 240,737; published Feb. 1, 1927.
Schoneberger & Noble, assignor to Schoneberger & Noble, Inc., New York, N. Y. Celery tonic beverage. 64,229; renewed July 30, 1927.
Schreiber Products Corporation, Buffalo, N. Y. Food products composed of malt extract and cereals in powder form. 226,607; Apr. 12; Serial No. 240,569; published Feb. 1, 1927.
Seacoast Canning Company, Eastport, Me. Canned fish. 226,618; Apr. 12; Serial No. 219,776; published Feb. 1, 1927.
Seacoast Canning Company, Eastport, Me. Canned fish. 226,619; Apr. 12; Serial No. 219,781; published Feb. 1, 1927.
Sentner, Marion D., New York, N. Y. Column of notes in a daily publication. 226,477; Apr. 12; Serial No. 240,628; published Feb. 1, 1927.
Shure-It Mfg. Co. (See Gacond, Anna L.)
Simmons Hardware Company, St. Louis, Mo. Wood manufactures. 64,972; renewed Sept. 3, 1927.
Singer Manufacturing Company, The, Elizabeth, N. J., assignor to Wheeler & Wilson Manufacturing Company. Sewing machines and their parts and attachments. 64,622; renewed Aug. 13, 1927.
Singer Manufacturing Company, The, Elizabeth, N. J., assignor to Wheeler & Wilson Manufactoring Company. Sewing machines and attachments. 64,623; renewed Aug. 13, 1927.
Singer Manufacturing Company, The, New York, N. Y., to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machines, parts and attachments. 64,950; renewed Aug. 27, 1927.
Skill-Ball Company. (See Voelkner, Alfred T.)
Smith, D. B., & Company, Inc., Utica, N. Y. Fly and germ killer and insecticide for use upon cattle, livestock, etc. 226,540; Apr. 12; Serial No. 230,268; published Feb. 1, 1927.
Smith, Ralph N., Los Angeles, Calif. Confections. 226,525; Apr. 12; Serial No. 235,173; published Feb. 1, 1927.
Smoke Salt Company, The, Cincinnati, Ohio. Salt. 226,582; Apr. 12; Serial No. 241,118; published Feb. 1, 1927.
Southwestern Milling Company, The, Jersey City, N. J., and Kansas City, Mo., assignor to The Southwestern Milling Company, Inc., New York, N. Y. Wheat flour. 62,934; renewed May 28, 1927.
Staley, Samuel S., Reading, Pa. Compound metals containing zinc and copper. 226,495; Apr. 12; Serial No. 178,877; published May 12, 1925.
Starr Piano Company, The, Richmond, Ind. Pianos and organs. 64,506; renewed Aug. 13, 1927.
Steinecke, Henry L., Kansas City, Mo. Salve. 64,316; renewed July 30, 1927.
Steinmetz, Georg, Berlin, Germany. Pens, pencils, chalk and crayon, blank books and account books, etc. 226,645; Apr. 12; Serial No. 238,533; published Jan. 11, 1927.
Susan's Shop. (See Heekin Company, The.)
Taylor, Stiles & Company, to Taylor, Stiles & Company, Riegelsville, N. J., successor. Machinery and parts of machinery. 63,869; renewed July 9, 1927.
Taylor, Stiles & Co., to Taylor, Stiles & Company, Riegelsville, N. J., successor. Paper stock cutters and paper stock shredders. 64,006; renewed July 16, 1927.
Teitel, Jay W., New York, N. Y. Knife sharpeners. 226,637; Apr. 12; Serial No. 241,589; published Feb. 1, 1927.
Thompson, Andrew L., doing business as Play Paddle Mfg. Co., Seattle, Wash. Games played with a ball on a board. 226,630; Apr. 12; Serial No. 239,776; published Feb. 1, 1927.
Thompson, Andrew L., doing business as Play Paddle Mfg. Co., Seattle, Wash. Games played with a ball and a board having pegs and pockets thereon. 226,631; Apr. 12; Serial No. 239,777; published Feb. 1, 1927.
Tinte Oriental, Inc., Mayaguez, P. R. Shampoos and hair dyes. 226,493; Apr. 12; Serial No. 237,256; published Jan. 25, 1927.
Tivy, Thomas P., St. Louis, Mo. Repaired automobile tire casings. 226,505; Apr. 12; Serial No. 240,108; published Feb. 1, 1927.
Tompkins, C. M. & R., Elmira, N. Y. Coffee. 64,273–4; renewed July 30, 1927.
Tonkin Distributing Co., San Francisco, Calif. Beverages sold as soft drinks and sirups for making the same. 226,472; Apr. 12; Serial No. 240,574; published Feb. 1, 1927.
Towsley, Lizzie, doing business as John T. Towsley Manufacturing Company, Cincinnati, Ohio. Power-actuated saws. 226,473; Apr. 12; Serial No. 240,577; published Feb. 1, 1927.
Tribune Company, The, Chicago, Ill. Series of cartoons. 226,565–6; Apr. 12; Serial Nos. 239,439–40; published Feb. 1, 1927.
Tribune Company, The, Chicago, Ill. Heading for a series of newspaper articles. 226,567; Apr. 12; Serial No. 239,441; published Feb. 1, 1927.
Tribune Company, The, Chicago, Ill. Series of cartoons. 226,568; Apr. 12; Serial No. 239,442; published Feb. 1, 1927.
Tribune Company, Chicago, Ill. Cartoons. 226,569; Apr. 12; Serial No. 239,443; published Feb. 1, 1927.
Tribune Company, The, Chicago, Ill. Series of cartoons. 226,570–1; Apr. 12; Serial Nos. 239,444–5; published Feb. 1, 1927.
Union Rubber and Asbestos Co., Trenton, N. J. Rubber stuffing-box rings and rubber pump collars. 226,591; Apr. 12; Serial No. 240,891; published Feb. 1, 1927.

United States Gutta Percha Paint Company, Providence, R. I. Paints and enamel. 226,606; Apr. 12; Serial No. 240,691; published Feb. 1, 1927.
U. S. Tool Company, Long Beach, Calif. Well-drilling disks for drilling bits. 226,581; Apr. 12; Serial No. 236,968; published Feb. 1, 1927.
Van Raalte Company. (See Oppenheimer, S., & Levy, assignors.)
Vix Laboratories. (See Rosen, Henry G.)
Voelker, Alfred T., doing business as Skill-Ball Company, Glassboro, N. J. Game played with paddle and ball. 226,590; Apr. 12; Serial No. 240,892; published Feb. 1, 1927.
Voltax Company, The, Bridgeport, Conn. Varnishes, enamel, paint, etc. 226,506; Apr. 12; Serial No. 240,155; published Jan. 25, 1927.
Voss & Stern, Inc., New York, N. Y. Cotton piece goods or mixtures thereof with silk or artificial silk. 226,497; Apr. 12; Serial No. 204,643; published Feb. 1, 1927.
Wagner, Caroline W. (See Keep, Mabel, assignor.)
Waltham Watch Company. (See American Waltham Watch Co., assignor.)
Walworth Company, Boston, Mass. Valves and parts thereof. 226,564; Apr. 12; Serial No. 239,390; published Feb. 1, 1927.
Washburn Company, The, Worcester, Mass. Apple corers, potato ricers, paring knives, ice shavers, etc. 226,533; Apr. 12; Serial No. 236,575; published Feb. 1, 1927.
Webster, William A., Co., The, Memphis, Tenn. Face powder, creams, and packs, toilet waters, etc. 226,593; Apr. 12; Serial No. 240,834; published Feb. 1, 1927.
Weinbrennerei vorm. Gebr. Macholl A.-G. (See Deutsch-Französische Cognac-Brennerei und Weisprit-Raffinerie vorm. Gebrüder Macholl (Actiengesellschaft), assignor.)
Wheeler & Wilson Manufacturing Company. (See Singer Manufacturing Company, The, assignor.)
Wheeling Steel Corporation, Wheeling W. Va. Commercial iron and steel products of Bessemer or basic open-hearth melting. 226,543; Apr. 12; Serial No. 232,860; published Jan. 25, 1927.
White Sewing Machine Corporation, Cleveland, Ohio. Sewing machines. 226,466; Apr. 12; Serial No. 240,378; published Feb. 1, 1927.
Whiting, John L., J. Adams Company, Boston, Mass. Brushes. 226,646–8; Apr. 12.
Williams, Joseph, Company, Sharpsburg, Pa. Chemical compounds. 58,759; renewed Dec. 25, 1926.
Zapon Company, The, Wilmington, Del. Paints and enamels, varnishes, etc. 226,556; Apr. 12; Serial No. 238,633; published Jan. 25, 1927.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Aaron, Frederic E., Philadelphia, Pa. The Moving Puzzle. For Puzzles. 31,911; Apr. 12.
BRN: EZ Company. (See Home Drug Company.)
Citrus Soap Company Of California, San Diego, Calif. Citrus Washing Powder. For Washing Powder. 31,912; Apr. 12.
Delaware Punch Bottling Co., Inc., doing business as Florida Dry Bottling Co., Miami, Fla. Florida Dry. For Bottled Carbonated Beverages—viz, Pale Ginger Ale. 31,913; Apr. 12.
Florida Dry Bottling Co. (See Delaware Punch Bottling Co.)
Frankel, B., Co. Inc., New York, N. Y. Mitzi Hair Net. For Hair Nets. 31,914; Apr. 12.
Hennig, Emil, Germantown, Philadelphia, Pa. Ozoray Cream. For Face and General Massage Cream. 31,915; Apr. 12.
Home Drug Company, doing business as BRN: EZ Company, Minneapolis, Minn. BRN: EZ. For an Ointment. 31,916; Apr. 12.
Ice Cream Smack Products Company, doing business as Western Dairy Products Company, Portland, Oreg. Smack. For Chocolate Cylinders Filled with Ice Cream. 31,917; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Patchpain. For Medicated Plasters. 31,918; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Healpatch. For Medicated Plasters. 31,919; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Skinpatch. For Medicated Plasters. 31,920; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Bunionpatch. For Medicated Plasters. 31,921; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Medipatch. For Medicated Plasters. 31,922; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Achepatch. For Medicated Plasters. 31,923; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Cornpatch. For Medicated Plasters. 31,924; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Painstrap. For Medicated Plasters. 31,925; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Radiopatch. For Medicated Plasters. 31,926; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Wonderpatch. For Medicated Plasters. 31,927; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Painband. For Medicated Plasters. 31,928; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Bandpatch. For Medicated Plasters. 31,929; Apr. 12.
Larmour, James J., doing business as Larmour Products, East Orange, N. J. Palmpad. For Medicated Plasters. 31,930; Apr. 12.
Lasser, John F., doing business as Night Club Co., Chicago, Ill. Night Club. For Ginger Ale. 31,931; Apr. 12.
Mama's Ravioli Co., Los Angeles, Calif. Mama's. For Ravioli and Mushroom Sauce. 31,932; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Franklin Simon & Co. For Footwear. 31,933; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Shoecraft. For Footwear. 31,934; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Harry Perkins Inc. For Footwear. 31,935; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Frank More. For Footwear. 31,936; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Alfred J. Ruby. For Footwear. 31,937; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Oppenheim, Collins & Co. For Footwear. 31,938; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. The Joy Bootery. For Footwear. 31,939; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Fastenberg's. For Footwear. 31,940; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. B. Rich's Sons. For Footwear. 31,941; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. W. Sommers Inc. For Footwear. 31,942; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Winkelman. For Footwear. 31,943; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Polly's Bootery. For Footwear. 31,944; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Lane Bryant Adapto Shoes. For Footwear. 31,945; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. The Pedemode Shop. For Footwear. 31,946; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Best Ever. For Footwear. 31,947; Apr. 12.
Meyer, Frank C., Company, Brooklyn, N. Y. Ben Lewis. For Footwear. 31,948; Apr. 12.
Night Club Co. (See Lasser, John F.)
Nokrode Company, Galveston, Tex. Nokrode. For a Composition Forming a Protective Coating Adapted to Prevent Corrosion. 31,949; Apr. 12.
O-Cedar Crp'n., Chicago, Ill. O-Cedar Polish—Varnish's Friend. For Polish for Stained, Painted, and Varnished Surfaces. 31,950; Apr. 12.
Paver, J. M., Company, Chicago, Ill. See it in Glass—Buy it in Tin. For Canned Pumpkin. 31,951; Apr. 12.
Pern Hal Mfg. Co. Inc., Brooklyn, N. Y. Happy Bunny Easter Egg Colors. For Easter-Egg Colors. 31,952; Apr. 12.
Scott Paper Company, Chester, Pa. Scottissue Towels. For Paper Towels. 31,953; Apr. 12.
Statite Rubber Products Company, Covington, Ky. Statite Tube Patch. For Automobile Tire and Tube Repair Outfits. 31,954; Apr. 12.
Wampole, Henry K., and Company, Incorporated, Philadelphia, Pa. Preparación Perfeccionada y Sin Sabor de Wampole. For Medicinal Preparations. 31,955; Apr. 12.
Western Dairy Products Company. (See Ice Cream Smack Products Company.)
White Haines Optical Company, The, Columbus, Ohio. Clover. For Spectacle Frames. 31,956; Apr. 12.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Belle Neckwear Company, New York, N. Y. Huck Finn, a Bow for every Ruff and Ready Some Bow, eh Boys, Bows of Quality, for Regular Fellers, H. F. For Boys' Bow Ties. 9,712; Apr. 12.

Climalene Company, The, Canton, Ohio. The Neglected Point in Sanitation. For Disinfectants and Deodorants for Closet Bowls. 9,713; Apr. 12.

Coty, Inc., Wilmington, Del., and New York, N. Y. Creations of Coty. For Face Cream and Face Powder. 9,714; Apr. 12.

Cream of Wheat Co., Minneapolis, Minn. Sky Blue! Hop Scotch! For Wheat Breakfast Food. 9,715; Apr. 12.

Cream of Wheat Co., Minneapolis, Minn. Philadelphia Pupils Learn More With One Change in Food. For Wheat Breakfast Food. 9,716; Apr. 12.

Cream of Wheat Co., Minneapolis, Minn. School Tests Reveal Startling Facts About Children's Breakfasts. For Wheat Breakfast Food. 9,717; Apr. 12.

Densten Felt and Hair Company, Inc., Philadelphia, Pa. Denafelt. For Floor Coverings, Including Hair Rug Cushions, Hair Carpet Lining, and Hair Stair Pads. 9,718; Apr. 12.

Ecker & Co. Inc., St. Louis, Mo. Feeltype Printing Your Fingers can tell. For Printed, Engraved, and Lithographed Stationery. 9,720; Apr. 12.

Ecker & Co. Inc., St. Louis, Mo. Camera Gravure. For Printed, Engraved, and Lithographed Stationery. 9,721; Apr. 12.

Ecker, Will J., jr., St. Louis, Mo. Friendship's Token Cloth-Graved Greetings. For Stationery. 9,719; Apr. 12.

Lantz Bros. Baking Co., St. Louis, Mo. Grandma's Cakes. For Cakes. 9,722; Apr. 12.

Mintlax Co., The. (See Pauley, Roy.)

Nettleton Shops, Inc., Syracuse, N. Y. Credit Card. For Men's Shoes. 9,723; Apr. 12.

New Jersey Zinc Company, The, New York, N. Y. White Houses can be Whiter, now. For Paint. 9,724; Apr. 12.

Pauley, Roy, doing business as The Mintlax Co., Schenectady, N. Y. Mintlax. For a Laxative Put Up in Tablet Form. 9,725; Apr. 12.

Standard Oil Company (New Jersey), Bayonne, N. J. Flit Moths! Roaches! For Insecticide. 9,726; Apr. 12.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A. C. S. Mfg. Co., The. (See Smith, Agnes C.)

Advance Neckwear Co., New York, N. Y. Cravats, four-in-hand ties, bow ties, necktles. 243,913; Apr. 12.

Albers Packing Company, Riverside, Calif. Canned olives. 244,735; Apr. 12.

Alpha Chemical Co. (See Paradis, Albani H.)

American Circular Loom Company, New York, N. Y. Cables with nonmetallic protective covering used for electric wiring. 232,240; Apr. 12.

American Laundry Machinery Co., The, Cincinnati, Ohio. Drying machines and dry-cleaning machines. 243,839; Apr. 12.

American Steel Products Co., Macomb, Ill. Poultry fountains. 243,742; Apr. 12.

Amiesite Asphalt Limited, Montreal, Quebec, Canada. Bituminous macadam pavement. 241,021; Apr. 12.

Anderson, David S., doing business as Floral Decorative Materials Co. and D. S. Anderson Co., De Land, Fla. Prepared foliage for decorative purposes. 243,303; Apr. 12.

Ansonia O & C Company, The, Ansonia, Conn. Wide elastic webbing. 244,594; Apr. 12.

Archer, A. W., Co., Inc., New York, N. Y. Yarn and machine thread. 241,200; Apr. 12.

Arlt, Anna H., Brooklyn, N. Y. Lip stick, depilatory, astringent lotion, almond cream, etc. 245,316; Apr. 12.

Armourite (Laboratories) Ltd., London, England. Puncture-sealing composition for use in all pneumatic tires. 243,638; Apr. 12.

Austin Flint Association, Inc., New York, N. Y. Publications. 244,737; Apr. 12.

Bagwell, Isaiah W., Onancock, Va. Gasoline, kerosene, distillate, liquid motor fuel oil, etc. 242,809; Apr. 12.

Baker, Irving M., Denver, Colo. Ladies', misses', and children's hats. 244,912; Apr. 12.

Bayer Company, Inc., The, New York, N. Y. Preparations or medicines for palns and aches of nervous or organic origin, etc. 244,738; Apr. 12.

Bayne, Charles W., doing business as Bayne Laboratories, San Francisco, Calif. Face cream, face lotion, shampoo, bay rum, hair tonic, etc. 239,011; Apr. 12.

Bayonne Steel Company, Inc., New York, N. Y. Sheet steel ceilings and eaves troughs. 239,962; Apr. 12.

Bazley, Ernest S., doing business as The Bazley Market, Chicago, Ill. Bacon. 239,287; Apr. 12.

Beck Provision Co., Buffalo, N. Y. Bacon, cooked ham, etc. 242,273; Apr. 12.

Beckham Tire and Rubber Company, Atlanta, Ga. Patches for rubber tires. 234,020; Apr. 12.

Belch, Paul F., Company, Chicago, Ill. Candy. 243,902; Apr. 12.

Benjamin Pipe Company, Inc., New York, N. Y. Smoking pipes. 243,797; Apr. 12.

Berberian, Levon, Boston, Mass. Cigarettes. 244,975; Apr. 12.

Bergmann, Theo, Shoe Manufacturing Co., Portland, Oreg. Shoe oil. 245,134; Apr. 12.

Best & Co., Inc., New York, N. Y. Sewing baskets and kits, nursery baskets, etc. 227,291; Apr. 12.

Best & Co., Inc., New York, N. Y. Mirrors, pillows, bassinets, mattresses, etc. 242,467; Apr. 12.

Betty Wales Inc., New York, N. Y. Hosiery, underwear, dresses, bonnets, trousers, rubber boots, etc. 226,937; Apr. 12.

Bickum, Dorothy, New York, N. Y. Women's and misses' textile underwear. 242,332; Apr. 12.

Bierre, Thomas, doing business as The Epitol Chemical Co., Cedar Rapids, Iowa. Mouthwash and medicine for the treatment of colds, sore throat, etc. 244,388; Apr. 12.

Boston Insulated Wire & Cable Company, Boston, Mass. Electric conductors, wires, and cables. 244,653; Apr. 12.

Bourjois, Inc., New York, N. Y. Toilet soap. 243,130; Apr. 12.

Boyce, C. A., & Co., Chicago, Ill. Water-repellent mildew-resistant fabric. 241,807; Apr. 12.

Burnett, Joseph, Company, Boston, Mass. Hairdressing, tooth wash, and preparation for beautifying the complexion, etc. 242,706; Apr. 12.

Butchers, David B., Carthage, Mo. Viscous composition matter for coating dental plaster casts. 242,277; Apr. 12.

Button, Kenneth P., doing business as Rabbit Breeders' Exchange, Rochester, N. Y. Rabbit pelts. 236,191; Apr. 12.

Caddo Vinegar Company. (See De Fatta, Philip F.)

Cadorette, Thomas J., doing business as Two Brothers' Javelle Water Co., Peabody, Mass. Water softener and a bleaching and cleansing solution. 240,956; Apr. 12.

Cadwallader, Wayne, doing business as Seaconst Laboratories, Sea Bright, N. J. Preparations in the form of crystals for laundry, toilet, etc. 245,250; Apr. 12.

California Supply Company, San Francisco, Calif. Tomato catchup, rellahes, pickles, onions, vinegar, sirup, etc. 227,056; Apr. 12.

Carroon & Co., Fowler, Ind. Canned vegetables. 244,659; Apr. 12.

Carter White Lead Company, Omaha, Nebr., and Chicago, Ill. White lead. 241,806; Apr. 12.

Carthage Knit Wear Corporation, New York, N. Y. Knitted sweaters, socks, and golf hose, wind-breakers, etc. 243,138; Apr. 12.

Ceylon Rubber Company, The, Dallas, Tex. Inner-tube repair kits. 237,148; Apr. 12.

Chemical Lime Company, Bellefonte, Pa. Hydrated lime for chemical use. 242,983; Apr. 12.

Chemical Lime Company, Bellefonte, Pa. Hydrated lime. 242,985; Apr. 12.

Cheney, Carl J., Gallipolis, Ohio. Stogies. 244,742; Apr. 12.

Chil-Nox Chemical Co., The. (See Usry, Fornie G.)

Citrus Soap Company of California, San Diego, Calif. Soap flakes. 243,750; Apr. 12.

Clark, Charles W., Westfield, Mass. Hand soap. 244,604; Apr. 12.

Climax Hosiery Mills, Athens, Ga. Hosiery. 242,094; Apr. 12.

Colen, Bernard D., New York, N. Y. Clocks. 208,743; Apr. 12.

Colgate & Company, Jersey City, N. J., and New York, N. Y. Dental cream. 244,001; Apr. 12.

Columbia Orange Crush Bottling Co. (See Lefas, Stephen D.)

Comptoirs Pichot & Bennecon, Marseille, France. Olive oils. 244,545; Apr. 12.

Coon, W. B., Co., Rochester, N. Y. Women's shoes of leather. 244,745–6; Apr. 12.

Cousins, Walter H., Dallas, Tex. Publication. 242,097; Apr. 12.

Craftsman Leather Specialty Company, Dayton, Ohio. Dog collars; dog harness, and horse harness. 244,055; Apr. 12.

"Cristallo" A. G., Thusis, Switzerland. Precious stones and imitation precious stones. 243,142; Apr. 12.

Crown, Bert F., doing business as B. F. Crown Company, Denver, Colo. Dresses. 242,521; Apr. 12.

Dandiff Co., The, Marquez, Tex. Preparation for the treatment of dandruff. 243,426; Apr. 12.

De Fatta, Philip F., doing business as Caddo Vinegar Company, Shreveport, La. Vinegar. 244,919; Apr. 12.

Demand Hat Co. (See Kieves, Philip.)

De Massimy, Vincent, Chicago, Ill. Soap. 244,548; Apr. 12.

Detektalarm. (See Kroeger, Martin C.)

Downward, Thomas H., doing business as Elastic Compound Paint Company, Philadelphia, Pa. Paints, varnishes, enamels, etc. 195,222; Apr. 12.

Drovers Veterinary Union. (See Hardy, Bertha A.)

Dunbar Furniture Manufacturing Company, Berne, Ind. Davenports, chairs, benches, etc. 240,410; Apr. 12.

Duplan Silk Corporation, New York, N. Y. Textile fabrics of rayon and silk. 244,432; Apr. 12.

Egon Braun Aktiengesellschaft, Hamburg, Germany. Herb extracts for medicinal beverages. 235,946; Apr. 12.

Elastic Compound Paint Company. (See Downward, Thomas H.)

Elco Paint Products, Inc., New York, N. Y. Paints. 238,257; Apr. 12.

Elgin Silk Company, Paterson, N. J., and New York, N. Y. Silk piece goods. 245,344; Apr. 12.

Empire Oil Works Inc., Oil City, Pa. Fuel oil, lubricating and illuminating oils, gasoline, and wax. 243,043; Apr. 12.

England, August O., West Chester, Pa. Candy confection. 244,007; Apr. 12.

Epitol Chemical Co., The. (See Bierre, Thomas.)

Erskine, James C., Corp., New York, N. Y. Cotton piece goods. 239,297; Apr. 12.

Erwin, H. H., Co., The, Philadelphia, Pa. Perfumes, toilet powders, toilet creams, and toilet lotions. 244,350; Apr. 12.

Fair-Plex Company. (See Plough Chemical Company.)

Fashion Park Inc., Rochester, N. Y. Coats, vests, pants, and overcoats. 244,145; Apr. 12.

Fisher, Adela B. (See Shekter, Abraham, assignor.)

Fits-U-Cap Co., St. Louis, Mo. Headware. 243,434; Apr. 12.

Fitzpatrick Bros., Chicago, Ill. Soap, soap powder, soap flour, etc. 244,922; Apr. 12.

Flatow, Riley and Company, Cincinnati, Ohio. Tomatoes. 244,221; Apr. 12.

Floral Decorative Materials Co. (See Anderson, David S.)

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 245,192; Apr. 12.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 245,194; Apr. 12.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 245,196–7; Apr. 12.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 245,199–201; Apr. 12.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 245,204; Apr. 12.

Frohman & Altman, Inc., New York, N. Y. Dresses, coats, and suits. 243,755; Apr. 12.

Fuller, Sidney L., Pittsburg, Tex. Cough sirup. 244,298; Apr. 12.

Gaffney, Charles, Kearny, N. J. Vegetable relish. 244,220; Apr. 12.

Gates, Mills & Driscoll, Inc., Johnstown, N. Y. Gloves. 244,862; Apr. 12.

Gelb, Harry, doing business as Hanover Manufacturing Company, New York, N. Y. Underwear of textile fabric. 241,997; Apr. 12.

General Refrigeration Company, South Beloit, Ill. Refrigerating apparatus and parts thereof. 232,131; Apr. 12.

Gerling, Arthur A., doing business as Gerling Toy Co., New York, N. Y. Dolls. 245,263; Apr. 12.

Gleason, Joseph F., doing business as J. F. Gleason & Co., New York, N. Y. Saw blades. 243,488; Apr. 12.

Godde, Albert, Bedin, Inc., New York, N. Y. Silk piece goods. 244,590; Apr. 12.

Goldstein-Kirshner Co., New York, N. Y. Union suits, shirts. 242,120; Apr. 12.

Goodrich, B. F., Company, The, New York, N. Y. Tires and inner tubes therefor. 241,999; Apr. 12.

Gordon & Ferguson, Inc., St. Paul, Minn. Hats and caps. 244,355; Apr. 12.

Hahne & Company, Newark, N. J. Men's dress, negligee, work, and under shirts. 243,805; Apr. 12.

Hall, Horace W., doing business as Speedwood Manufacturing Co., Boston, Mass. Tennis rackets, baseball bats, skis, and golf clubs. 242,373; Apr. 12.

Hall, Lyman D., New York, N. Y. Hand bag or novelty pocketbook. 245,270; Apr. 12.

Hamilton, M. B., & Co., Leavenworth, Kans. Work gloves, mittens, and gauntlets. 242,667; Apr. 12.

Hanna, Joseph N., Highland Park, Mich. Hair tonic. 245,010; Apr. 12.

Hanover Manufacturing Company. (See Gelb, Harry.)

Hardy, Bertha A., doing business as Drovers Veterinary Union, Omaha, Nebr. Medicine for the treatment of the diseases of hogs. 245,093; Apr. 12.

Harrower Laboratory, Inc., The, Glendale, Calif. Product used in the treatment of status calciprivia, etc. 244,612; Apr. 12.

Harrower Laboratory, Inc., The, Glendale, Calif. Product used in the treatment of arthritis and psoriasis. 244,613; Apr. 12.

Heddon's, James, Sons, Dowagiac, Mich. Artificial baits. 242,125; Apr. 12.

Heller, B., & Company, Chicago, Ill. Insecticides, meat-curing preparations and compounds, food colors, baking powder, etc. 243,491; Apr. 12.

Heyer, George S., Houston, Tex. Skin powder. 242,538; Apr. 12.

Hickok Producing Co., The, Toledo, Ohio. Oils and greases. 221,897; Apr. 12.

Hooper, Wm. E., & Sons Co., Baltimore, Md. Waterproof fabric and waterproof cotton duck. 243,949; Apr. 12.

Howes-Fahnestock, Peoria, Ill. Blank form—namely, insurance-policy and expiration-record forms. 242,833; Apr. 12.

Hub-Way Manufacturing Company, Hubbard, Ohio. Electrical equipment. 242,588; Apr. 12.

Hunt, George S., Pasadena, Calif. Chairs, tables, desks, beds, etc. 242,589; Apr. 12.

Hunter Fan & Motor Co., Fulton and New York, N. Y.; Memphis, Tenn.; Atlanta, Ga.; New Orleans, La.; Dallas, Tex. Fans. 244,158; Apr. 12.

Hurlock Bros. Company, Inc., Philadelphia, Pa. Cardboards for printers, lithographers, sign writers, and general display work. 244,445–6; Apr. 12.

Hyman & Oppenheim, New York, N. Y. Hair pieces. 244,560; Apr. 12.

Hyper-Humus Company, Newton, N. J. Plant soil. 243,214-15; Apr. 12.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main and Berlin, Germany. Sensitized photographic papers. 242,177–8; Apr. 12.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main and Berlin, Germany. Preparations for protecting animal substances against the noxious effect of chemicals. 242,179; Apr. 12.

Imperial Manufacturing Company, New York, N. Y. Brassières, corsets, vests, etc. 244,771; Apr. 12.

Irizarry, Ramón López, doing business as Laboratoire Chimique Supreme, Mayaguez, P. R. Effervescent purgative. 244,013; Apr. 12.

Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 228,192; Apr. 12.

Julius Loewith, Inc., New York, N. Y. Form of peat moss used for bedding for animals, etc. 231,113; Apr. 12.

Junior Candy Company, Milwaukee, Wis. Candy. 238,441; Apr. 12.

K-E-M Manufacturing & Sales Co., New York, N. Y. Wire terminals and cables. 243,812; Apr. 12.

Kayser, Julius, & Co., New York, N. Y. Stockings. 240,821; Apr. 12.

Keesee, George P., Chickasha, Okla. Antifreeze mixture for use in the radiators of motor vehicles. 243,315; Apr. 12.

Kellogg Switchboard & Supply Co., Chicago, Ill. Battery eliminator. 208,522; Apr. 12.

Kieves, Philip, doing business as Demand Hat Co., New York, N. Y. Ladies' hats. 243,813; Apr. 12.

Kimberly-Clark Company, Neenah, Wis. Absorbent wadding made of paper stock. 244,502; Apr. 12.

King Koffee Kompany, Indianapolis, Ind. Coffee. 244,775–6; Apr. 12.

Knecht, Louis, doing business as The Walser Manufacturing Company, Clifton, N. J. Underwear. 243,221; Apr. 12.

Kono, Michio, San Francisco, Calif. Medicine for atomach troubles. 243,372; Apr. 12.

Kroeger, Martin C., doing business as Detektalarm, Los Angeles, Calif. Automatic electric fire alarms. 241,730; Apr. 12.

Kurfees, J. F., Paint Company, Incorporated, Louisville, Ky. Mixed paint. 244,829–30; Apr. 12.

L & L Watch Case Company, New York, N. Y. Watch-cases. 243,096; Apr. 12.

Laboratoire Chimique Supreme. (See Irizarry, Ramón L.)

Lawrence Textile Corporation, New York, N. Y. Combination silk and cotton piece goods. 244,832; Apr. 12.

Lefas, Stephen D., doing business as Columbia Orange Crush Bottling Co. and Columbia Bottling Works, Washington, D. C. Beverages sold as a soft drink. 242,788; Apr. 12.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Leigh Chemist, Inc., New York, N. Y. Compound for cleaning the hands, shaving cream, soap, etc. 241,629; Apr. 12.
Leppert, Sam, Portland, Oreg. Electrotherapeutic belt. 245,151; Apr. 12.
Lincoln Motor Company, Detroit, Mich. Automobiles. 240,728; Apr. 12.
List, B. F., Exeter, Calif. Fresh grapes, plums, peaches, etc. 228,611; Apr. 12.
Loewith, Julius, Inc., New York, N. Y. Form of peat moss used as a scratch medium for poultry, etc. 231,112; Apr. 12.
Los Angeles Soap Company, Los Angeles, Calif. Soap. 244,163; Apr. 12.
Lovis' Cove Gift Shop, Inc., Marblehead, Mass. Chemical compounds, preparations, and powders, for use in producing varying colors in burning fuel. 244,455; Apr. 12.
MacAndrews & Forbes Company, Camden, N. J., and New York, N. Y. Composite board and lumber. 242,840; Apr. 12.
Maish, Clifford W., Bedding Company, The, Cincinnati, Ohio. Comforts. 227,803; Apr. 12.
Mal Vaz Extract Company, Chicago, Ill. Nonalcoholic, maltless, beverages sold as soft drinks. 243,445; Apr. 12.
Manor Baking Company, Kansas City, Mo. Bread. 243,869; Apr. 12.
Marcus Brush Co., Inc., New York, N. Y. Painters' brushes. 230,556; Apr. 12.
McAvoy Company, Chicago, Ill. Malt cereal beverages. 237,241; Apr. 12.
Meyer, Edgar A., doing business as The Sylvana Oil Company, Cleveland, Ohio. Oils and greases. 227,664; Apr. 12.
Meyer, Milton J., & Co., Inc., New York, N. Y., assignor to The United States Shoe Company, Cincinnati, Ohio. Shoes. 225,438; Apr. 12.
Miller Becker Co., Cleveland, Ohio. Beverages sold as soft drinks. 244,459; Apr. 12.
Miller Company, The, Meriden, Conn. Glass globes and reflectors. 227,956–7; Apr. 12.
Montevallo Coal Mining Company, Birmingham, Ala. Coal. 243,721; Apr. 12.
Morgan Company, The, Peoria, Ill. Lacquers. 245,155; Apr. 12.
Moskowitz & Altman, New York, N. Y. Frocks and dresses. 241,492; Apr. 12.
Mountain Copper Co., Ltd., The, San Francisco, Calif. Sulphate of copper, iron sulphate, and copper carbonate. 245,284; Apr. 12.
Mulford, H. K., Company, Philadelphia, Pa. Poison-ivy extract. 243,449; Apr. 12.
Napier Co., The, Meriden, Conn. Vanity boxes made of or plated with precious metal. 242,435; Apr. 12.
National Gum & Mica Company, New York, N. Y. Glue. 239,192; Apr. 12.
National Ice Cream Company, Louisville, Ky. Ice cream. 244,510; Apr. 12.
National Register Publishing Co., Inc., New York, N. Y. Publication. 243,659; Apr. 12.
Newman, I. C., Co. Inc., New York, N. Y. Flash powder for photographic use. 243,821; Apr. 12.
Night Comfort Garment Co., Inc., New York, N. Y. Work, dress, and negligee shirts, pyjamas, nightshirts, etc. 243,874; Apr. 12.
Nu Grape Company of America, The, Atlanta, Ga. Beverages and sirups for making same. 238,518; Apr. 12.
O. K. Stove & Range Co., Louisville, Ky. Gas, coal, and wood stoves and parts thereof. 243,064; Apr. 12.
Ohio Chemical and Manufacturing Company, The, Cleveland, Ohio. Presses and flasks used in the curing of dentures. 234,592; Apr. 12.
Pacific Coast Canners, Inc., Oakland, Calif. Canned fruit, jams, jellies, fruit preserves, tomatoes, vinegar, olives, etc. 241,898; Apr. 12.
Pacific Wire Products Co., Los Angeles, Calif. Wire fabrics for screening. 241,433; Apr. 12.
Palmolive Company, The, Chicago, Ill. Rouge, lipstick, face powder, talcum powder, etc. 245,027; Apr. 12.
Paradis, Albani H., doing business as Alpha Chemical Co., Biddeford, Me. Preparation for chemically blackening red stove lids. 245,159; Apr. 12.
Pathex, Inc., New York, N. Y. Cinematographic camera, projector, tripod, film magazine, etc. 240,362; Apr. 12.
Peco Manufacturing Company, Philadelphia, Pa. Experimental and special machinery and fixtures therefor. 244,240; Apr. 12.
Peek Bros. & Winch, Limited, London, England. Tea. 237,422; Apr. 12.
Perkins Corporation, South Bend, Ind. Wind-driven generating plants for generating electric current. 239,822; Apr. 12.
Pierce, S. S., Co., Boston, Mass. Cigarettes. 245,106; Apr. 12.
Piqua Electric Service Co., Piqua, Ohio. Electrical fans. 241,436; Apr. 12.
Plough Chemical Company, doing business as Fair-Plex Company, Memphis, Tenn. Deodorant. 240,876; Apr. 12.
Prescott, J. L., Company, New York, N. Y. Starch tablets. 245,161; Apr. 12.
Preservaline Manufacturing Company, The, Brooklyn, N. Y. Chemical preservatives for meats, meat products, sausage, etc. 242,498; Apr. 12.
Pro-Tex-All Sanitary Products Co. (See Silverman, Isadore.)
Purity-Ann Baking Company, Bloomington, Ill. Cakes, bread, cookies, crackers, etc. 245,225; Apr. 12.
Rabbit Breeders' Exchange. (See Button, Kenneth P.)
Raison Sociale les Fils de S. T. Dupont, Paris, France. Trunks, valises, traveling bags, and auto trunks. 240,877; Apr. 12.
Referee Publishing Co., The, Chicago, Ill. Periodical. 244,320; Apr. 12.
Rhoads, J. E., & Sons, Philadelphia, Pa. Hame straps and harness straps. 241,672; Apr. 12.
Riverside Bottling Works, La Crosse, Wis. Beverages sold as soft drinks. 245,370; Apr. 12.
Robinette & McLain, Washington, D. C. Dry cleaners in paste and liquid form. 244,026; Apr. 12.
Rochester Paper Co., Rochester, Mich. Blotting paper. 244,321; Apr. 12.
Rosenberg & Hertz, Cologne-on-the-Rhine, Germany. Brassières and bust supporters. 239,519; Apr. 12.
Rudy, Alice P., Ada, Ohio. Hair tonic. 245,031; Apr. 12.
San-I-Sal Laboratories, Inc., Washington, D. C. Face cream. 243,117; Apr. 12.
Schoeneman, J., Incorporated, Baltimore, Md. Coats, vests, trousers, etc. 243,975; Apr. 12.
Schroder, J. Henry, Banking Corporation, New York, N. Y. Financial publication. 241,637; Apr. 12.
Seacoast Laboratories. (See Cadwallader, Wayne.)
Sears, Roebuck and Co., Chicago, Ill. Accordions and mouth harmonicas. 243,563; Apr. 12.
Sebastiani, Alfred D., Montreal, Quebec, Canada. Shoes. 241,547; Apr. 12.
Sethness Company, Chicago, Ill. Beverages and sirups for making same. 245,301; Apr. 12.
Seymour Kiddy Wear Corporation, New York, N. Y. Children's suits and creepers. 242,754; Apr. 12.
Shekter, Abraham, New York, N. Y., assignor to A. B. Fisher. Nasal douche. 238,289; Apr. 12.
Silverman, Isadore, doing business as Pro-Tex-All Sanitary Products Co., Evansville, Ind. Fly insecticide or powder. 243,288; Apr. 12.
Smith, Agnes C., doing business as The A. C. S. Mfg. Co., Americus, Ga. Preparation for treating the hair and skin, hair tonic, brilliantine, etc. 242,860; Apr. 12.
Smith & Nichols, Incorporated, New York, N. Y. Candles. 244,576; Apr. 12.
Smithfield Company, Incorporated, The, Smithfield, Va. Hams. 240,929; Apr. 12.
Speedwood Manufacturing Co. (See Hall, Horace W.)
Square D Company, Detroit, Mich. Electrical cabinets, switches, switch boxes, etc. 172,616; Apr. 12.
Standard Mattress and Furniture, Inc., San Diego, Calif. Upholstered davenports, chairs, stools, and benches. 243,670; Apr. 12.
Stanley, Wm. H., Inc., New York, N. Y. Canned fish, canned shrimp, canned oysters, canned lobster, etc. 244,192; Apr. 12.
Super Paint & Varnish Company, Brooklyn, N. Y. Paints. 226,574; Apr. 12.
Sylvana Oil Company, The. (See Meyer, Edgar A.)
Tausend, Felix, New York, N. Y. Table covers, table scarfs, bedspreads, towels. 244,249; Apr. 12.
Technische Chemikalien-Compagnie G. m. b. H., Halle-Saale, Germany. Oils used in the vulcanization of india rubber. 242,555; Apr. 12.
Tennessee Stove Works, Chattanooga, Tenn. Air-circulating room heaters for burning coal, wood, or gas. 244,032; Apr. 12.
Tonk Bros. Company, Chicago, Ill. Fretted stringed musical instruments. 227,542; Apr. 12.
Trinidad Oil Company, The Trinidad, Colo. Gasoline. 235,537; Apr. 12.
Two Brothers' Javelle Water Co. (See Cadorette, Thomas J.)
United Fuel & Supply Company, Detroit, Mich. Coal, charcoal, coke, and wood. 242,634; Apr. 12.
United States Shoe Company, The. (See Meyer, Milton J., & Co., Inc., assignor.)
Usry, Fornie G., doing business as The Chill-Nox Chemical Co., Gadsden, Ala. Preparation for the treatment of chills, fever, etc. 245,170; Apr. 12.
Viking Laboratories, Incorporated, Charleston, W. Va. Toilet deodorant. 244,254; Apr. 12.
Viking Laboratories, Incorporated, Charleston, W. Va. Skin lotion. 244,255; Apr. 12.
Villa Rica Mills Inc., Villa Rica, Ga. Hosiery. 242,158; Apr. 12.
Vitamin Food Co. Inc., New York, N. Y. Candy. 244,522; Apr. 12.
Wadsworth Howland & Co., Incorporated, Boston, Mass. Paint and paint enamel. 241,799; Apr. 12.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Walker and Forbes, Inc., Mamaroneck, N. Y. Stuffing-box packing of a semimetallic nature. 243,532; Apr. 12.
Walser Manufacturing Company, The. (See Knecht, Louis.)
Wasmuth-Endicott Company, Andrews, Ind. Kitchen cabinets, tables, cabinets, etc. 243,027; Apr. 12.
Weingarten Bros., Inc., New York, N. Y. Women's fitted undergarments. 244,524; Apr. 12.
West Steel Casting Company, The, Cleveland, Ohio. Ferrous castings. 241,249–50; Apr. 12.
West Steel Casting Company, The, Cleveland, Ohio. Ferrous castings. 241,456; Apr. 12.
Western Glass Company, The, Streator, Ill. Figured sheet glass. 228,879; Apr. 12.
Wilson Fastener Company, The, Cleveland, Ohio. Garter buckles. 240,117; Apr. 12.
Wissig, Frank, Baltimore, Md. Children's chairs, tables, and desks. 242,327; Apr. 12.
Zntz, Henry E., St. Paul, Minn. Creams, lotions, rouges, powders, etc. 243,737; Apr. 12.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 2.

Bags, Bathing. C. E. Conover Co. 226,578; Apr. 12; Serial No. 238,254; published Feb. 1, 1927.
Cartons and paper containers. B. E. Richardson. 226,522; Apr. 12; Serial No. 240,734; published Feb. 1, 1927.
Cases and boxes for dispensing cups, Metal. Individual Drinking Cup Co. 226,507; Apr. 12; Serial No. 240,188; published Feb. 1, 1927.
Tanks, Steel. American Steel Works. 226,555; Apr. 12; Serial No. 238,565; published Feb. 1, 1927.

CLASS 4.

Detergents. Porcela Company. 62,097; renewed Apr. 16, 1927.
Emery Cloth and sandpaper. American Glue Co. 62,260; renewed Apr. 30, 1927.
Paste for cleaning metallic, vitreous, and enameled objects. A. L. Gacond. 226,542; Apr. 12; Serial No. 232,558; published Feb. 1, 1927.
Polish for metals, etc. A. Keyes. 226,486; Apr. 12; Serial No. 240,724; published Feb. 1, 1927.
Soap. Robinson Bros. & Company Incorporated. 64,665; renewed Aug. 20, 1927.
Soap, Liquid. A. C. Fergusson, jr. 226,499; Apr. 12; Serial No. 205,003; published Feb. 1, 1927.
Soaps. Thomas Gill Soap Co. Inc. 64,433; renewed Aug. 6, 1927.
Soaps, soap pastes, and soap powders. Parfumerie Roger et Gallet, Société Anonyme. 226,559; Apr. 12; Serial No. 239,261; published Jan. 11, 1927.
Washing compound, Liquid. Jav-O Water Corporation. 226,502; Apr. 12; Serial No. 239,860; published Feb. 1, 1927.
Washing powder and a scouring soap. N. K. Fairbank Company. 64,856; renewed Aug. 27, 1927.

CLASS 6.

Acetamide, acetanilid, acetic anhydride, sodium, cobalt, iron, etc. Central Scientific Company. 226,615; Apr. 12; Serial No. 212,999; published Feb. 1, 1927.
Antiseptics and disinfectants. Lysol, Incorporated. 226,530; Apr. 12; Serial No. 236,426; published Jan. 25, 1927.
Baking powder. Kenton Baking Powder Company. 62,943; renewed May 28, 1927.
Baking powder. Kenton Baking Powder Company. 63,198; renewed June 11, 1927.
Baking powder. Oliver-Finnie Co. 64,858; renewed Aug. 27, 1927.
Chemical compounds. Joseph Williams Company. 58,759; renewed Dec. 25, 1926.
Cream, Cleansing complexion. L. G. Brinkerhoff. 226,467; Apr. 12; Serial No. 237,850; published Jan. 25, 1927.
Creams and rouges, Face. Louis Philippe, Inc. 226,523; Apr. 12; Serial No. 234,631; published Oct. 12, 1926.
Depilatory. B. Raethka. 226,504; Apr. 12; Serial No. 240,092; published Feb. 1, 1927.
Drug in powder form. A. Bobrow. 226,586; Apr. 12; Serial No. 241,032; published Feb. 1, 1927.
Drug in tablet form, Alkaline. A. Bobrow. 226,585; Apr. 12; Serial No. 241,033; published Feb. 1, 1927.
Dyes and dyestuffs. General Dyestuff Corporation. 226,492; Apr. 12; Serial No. 237,233; published Feb. 1, 1927.
Extract of parathyroid gland. Parke, Davis & Company. 226,510; Apr. 12; Serial No. 240,275; published Feb. 1, 1927.
Fly and germ killer and insecticide. D. R. Smith & Company. 226,540; Apr. 12; Serial No. 230,208; published Feb. 1, 1927.
Gargles and mouth washes. Carbo-Septic Corporation. 226,463; Apr. 12; Serial No. 240,339; published Jan. 11, 1927.
Insecticides. Lanair Chemical Corporation. 226,628; Apr. 12; Serial No. 239,759; published Feb. 1, 1927.
Laxative. J. Miller. 226,532; Apr. 12; Serial No. 236,559; published Feb. 1, 1927.
Medical compound. R. Schiffmann Company. 62,459; renewed May 7, 1927.
Medicinal preparation. R. D. Benedetto. 226,517; Apr. 12; Serial No. 240,810; published Feb. 1, 1927.
Medicinal preparations. S. Pfeiffer Mfg. Co. 226,545; Apr. 12; Serial No. 233,573; published Feb. 1, 1927.
Medicinal treatment for lumbago, etc. Mintee Massage Laboratories. 226,644; Apr. 12; Serial No. 241,233; published Feb. 1, 1927.
Medicine. F. J. Schmidt. 226,476; Apr. 12; Serial No. 240,627; published Feb. 1, 1927.
Pastils and tablets for the care of the mouth, throat, and chest, medicated candies, tooth paste, etc. Aktiebolaget Pastill. 226,537; Apr. 12; Serial No. 228,288; published Feb. 1, 1927.
Perfume. W. W. Gavitt Chemical Co. 62,037; renewed Apr. 16, 1927.
Perfumes and toilet water. Myrurgia, S. A. 226,471; Apr. 12; Serial No. 240,567; published Jan. 25, 1927.
Pharmaceutical preparations. Norwich Pharmacal Company. 226,580; Apr. 12; Serial No. 238,517; published Jan. 25, 1927.
Powder, face powder, face cream, etc., Talcum. F. W. Hampshire & Co. Ltd. 226,494; Apr. 12; Serial No. 224,911; published Apr. 27, 1926.
Powder, rouge, lemon cream, cold cream, vanishing cream, etc. W. B. Cohen. 226,617; Apr. 12; Serial No. 219,230; published Oct. 12, 1926.
Powders, creams, and packs, toilet waters, etc., Face. J. W. Hellig. 226,516; Apr. 12; Serial No. 240,817; published Feb. 1, 1927.
Powders, creams, and packs, toilet waters, rouges, etc., Face. A. P. Babcock Company. 226,519; Apr. 12; Serial No. 240,798; published Feb. 1, 1927.
Powders, face creams, face packs, toilet waters, etc., Face. William A. Webster Co. 226,593; Apr. 12; Serial No. 240,834; published Feb. 1, 1927.
Preparation for removing soot from stovepipes. E. B. Gay. 226,464; Apr. 12; Serial No. 240,350; published Feb. 1, 1927.
Preparation for the skin. King and Stallkamp. 226,480; Apr. 12; Serial No. 240,662; published Jan. 25, 1927.
Preparation, Manicure aid. J. F. Leonard. 226,501; Apr. 12; Serial No. 239,812; published Feb. 1, 1927.
Preparation, Pile-treatment. A. R. Browne. 226,554; Apr. 12; Serial No. 241,131; published Feb. 1, 1927.
Preparations for the treatment of whooping cough, croup, bronchitis, etc. J. W. S. Delavau Co. 226,512; Apr. 12; Serial No. 240,296; published Jan. 25, 1927.
Remedies for the eyes, Medicinal. T. E. McPherson & Co. 61,187; renewed Mar. 5, 1927.
Remedies, Veterinary. C. H. Lanyon. 20,704; renewed Mar. 16, 1927.
Remedy. George H. Rundle Company. 64,011; renewed July 16, 1927.
Salt. Smoked Salt Company. 226,582; Apr. 12; Serial No. 241,118; published Feb. 1, 1927.
Salt derived from grains, Nutrition. M. Keep. 226,515; Apr. 12; Serial No. 240,307; published Feb. 1, 1927.
Salve. H. L. Steinecke. 64,316; renewed July 30, 1927.
Serums, Antitoxic. Schimmel & Co. 62,058; renewed Apr. 16, 1927.
Shampoo and tooth paste. Perfection Laboratories. 226,465; Apr. 12; Serial No. 240,363; published Feb. 1, 1927.
Shampoos and hair dyes. Tinte Oriental, Inc. 226,493; Apr. 12; Serial No. 237,256; published Jan. 25, 1927.
Sirup, Cough. C. D. Higgins. 226,589; Apr. 12; Serial No. 240,912; published Feb. 1, 1927.
Tonic, Endocrine. G. W. Carnrick Co. 226,594; Apr. 12; Serial No. 241,201; published Feb. 8, 1927.

CLASS 7.

Twine. G. F. Hoffman. 226,639–40; Apr. 12; Serial Nos. 241,414–15; published Feb. 1, 1927.

CLASS 9.

Rifles, Air. Markham Air Rifle Company. 64,855; renewed Aug. 27, 1927.

CLASS 10.

Fertilizers. Schoen Brothers, Inc. 226,521; Apr. 12; Serial No. 240,737; published Feb. 1, 1927.

Fertilizers, Artificial. Cloverine Fertilizer Co. 54,466; renewed June 26, 1927.

CLASS 13.

Barn-door hangers, tracks for door hangers, track brackets, flat rails, etc. Frantz Manufacturing Co. 226,622; Apr. 12; Serial No. 222,980; published Jan. 18, 1927.
Curtains. Shower-bath. Meneley-Diederich Company. 226,528–9; Apr. 12; Serial Nos. 236,378–9; published Feb. 1, 1927.
Enameled ware. Lalance & Grosjean Mfg. Co. 226,650; Apr. 12.
Staples. Boston Wire Stitcher Company. 226,587; Apr. 12; Serial No. 240,955; published Feb. 1, 1927.
Valves and parts thereof. Walworth Company. 226,564; Apr. 12; Serial No. 239,390; published Feb. 1, 1927.
Valves, cocks, and faucets. Haydenville Company. 64,784; renewed Aug. 20, 1927.

CLASS 14.

Alloys, Nonferrous. General Plate Company. 226,514; Apr. 12; Serial No. 240,301; published Jan. 25, 1927.
Iron and steel products. Wheeling Steel Corporation. 226,543; Apr. 12; Serial No. 232,860; published Jan. 25, 1927.
Metals, Compound. S. S. Staley. 226,495; Apr. 12; Serial No. 178,877; published May 12, 1925.

CLASS 15.

Oil, Cutting. Clarkson & Ford Co. 61,073; renewed Mar. 5, 1927.
Oil, Lubricating. Clarkson & Ford Co. 61,072; renewed Mar. 5, 1927.
Oils and greases, Lubricating. Northwestern Petroleum Corporation. 226,574; Apr. 12; Serial No. 237,562; published Nov. 30, 1926.

CLASS 16.

Lacquer. M. Feigel & Bro. 226,605; Apr. 12; Serial No. 240,813; published Feb. 1, 1927.
Lacquer. Metalized Lacquer Corporation. 226,539; Apr. 12; Serial No. 229,974; published Jan. 18, 1927.
Lacquers. Pyroxylin. Pittsburgh Plate Glass Company. 226,598; Apr. 12; Serial No. 241,116; published Feb. 1, 1927.
Paint, Carbon. Patterson-Sargent Company. 29,910; renewed Apr. 27, 1927.
Paints and enamel. United States Gutta Percha Paint Company. 226,606; Apr. 12; Serial No. 240,691; published Feb. 1, 1927.
Paints and enamels, varnishes, etc. Zapon Company. 226,556; Apr. 12; Serial No. 238,633; published Jan. 25, 1927.
Polish, Automobile. H. G. Rosen. 226,468; Apr. 12; Serial No. 240,443; published Jan. 25, 1927.
Varnish. Patterson-Sargent Co. 30,077; renewed May 25, 1927.
Varnishes. Patterson-Sargent Company. 61,264; renewed Mar. 12, 1927.
Varnishes, enamels, paints, etc. Voltax Company. 226,506; Apr. 12; Serial No. 240,155; published Jan. 25, 1927.

CLASS 17.

Cigarettes. Dimitrino & Co. 226,536; Apr. 12; Serial No. 228,091; published Feb. 1, 1927.

CLASS 19.

Aeroplanes and hydroplanes, Yielding struts for landing gears of. Cleveland Pneumatic Tool Company. 226,503; Apr. 12; Serial No. 239,970; published Feb. 1, 1927.
Trucks, Hand. Barl Movr Truck Co. 226,485; Apr. 12; Serial No. 240,695; published Feb. 1, 1927.

CLASS 22.

Balls, Hard-rubber bowling. American Hard Rubber Company. 64,694; renewed Aug. 20, 1927.
Dolls. Geo. Borgfeldt & Co. 226,469; Apr. 12; Serial No. 240,525; published Feb. 1, 1927.
Game played with paddle and ball. A. T. Voelker. 226,590; Apr. 12; Serial No. 240,892; published Feb. 1, 1927.
Games played with a ball on a board. A. L. Thompson. 226,630; Apr. 12; Serial No. 239,776; published Feb. 1. 1927.
Games played with a ball and a board having pegs and pockets thereon. A. L. Thompson. 226,631; Apr. 12; Serial No. 239,777; published Feb. 1, 1927.
Play balls, Rubber. C. E. Conover Co. 226,577; Apr. 12; Serial No. 238,253; published Feb. 1, 1927.
Toy trains, cars, locomotives, etc. M. Forchheimer. 226,625; Apr. 12; Serial No. 224,240; published Feb. 1, 1927.

CLASS 23.

Axes. James H. Mann. 29,573; renewed Feb. 9, 1927.
Brake-adjusting wrenches, wheel pullers, wheel clamps, etc. M. Ezell. 226,527; Apr. 12; Serial No. 236,310; published Feb. 1, 1927.
Cleaning machines, Rug. J. H. Jones. 226,563; Apr. 12; Serial No. 239,370; published Feb. 1, 1927.
Corers, potato ricers, paring knives, etc., Apple. Washburn Company. 226,533; Apr. 12; Serial No. 236,575; published Feb. 1, 1927.
Cutters and paper-stock shredders, Paper-stock. Taylor, Stiles & Co. 64,006; renewed July 16, 1927.
Disks for drilling bits, Well-drilling. U. S. Tool Company. 226,581; Apr. 12; Serial No. 236,968; published Feb. 1, 1927.
Drills. Rawlplug Co. 226,524; Apr. 12; Serial No. 234,941; published Feb. 1, 1927.
Engines and cooling devices for internal-combustion engines, Internal-combustion. Northwestern Motor Company. 226,546; Apr. 12; Serial No. 233,620; published Feb. 1, 1927.
Engines, Lubricating apparatus for internal-combustion. Luburetor Manufacturing Company. 226,508; Apr. 12; Serial No. 240,196; published Feb. 1, 1927.
Machinery and parts of machinery. Taylor, Stiles & Company. 63,869; renewed July 9, 1927.
Printing machines. Addressograph Company. 226,560; Apr. 12; Serial No. 239,346; published Feb. 1, 1927.
Saws, Power-actuated. L. Towsley. 226,473; Apr. 12; Serial No. 240,577; published Feb. 1, 1927.
Sewing machines. White Sewing Machine Corporation. 226,466; Apr. 12; Serial No. 240,378; published Feb. 1, 1927.
Sewing machines and attachments. Singer Manufacturing Company. 64,623; renewed Aug. 13, 1927.
Sewing machines and their parts and attachments. Singer Manufacturing Company. 64,622; renewed Aug. 13, 1927.
Sewing machines, parts, and attachments. Singer Manufacturing Company. 64,950; renewed Aug. 27, 1927.
Sharpeners, Knife. J. W. Teitel. 226,637; Apr. 12; Serial No. 241,589; published Feb. 1, 1927.
Shears, Sheep. Burgon & Wilkinson, Limited. 30,188; renewed June 15, 1927.
Shovels, spades, and scoops. Ames Shovel and Tool Company. 226,596–7; Apr. 12; Serial Nos. 241,126–7; published Jan. 11, 1927.
Shovels, spades, and scoops. Ames Shovel and Tool Company. 226,599–601; Apr. 12; Serial Nos. 241,018–20; published Jan. 11, 1927.
Sifters, Machine. Fred J. Meyers Manufacturing Co. 61,942; renewed Apr. 9, 1927.
Taps, die blocks, hobs, etc. John Bath & Company. 226,623; Apr. 12; Serial No. 223,015; published Feb. 1, 1927.
Tools, Hand. Keystone Mfg. Co. 63,021–2; renewed June 4, 1927.
Tools, Hand. S. C. Morrill. 60,722; renewed Feb. 19, 1927.
Truing machines, Brake-drum-. K. C. Schabinger. 226,629; Apr. 12; Serial No. 239,772; published Feb. 1, 1927.
Wood manufactures. Simmons Hardware Company. 64,972; renewed Sept. 3, 1927.
Wrenches, Pipe and nut. Keystone Mfg. Co. 62,642; renewed May 21, 1927.

CLASS 24.

Pressing machines. American Laundry Machinery Company. 226,511; Apr. 12; Serial No. 240,286; published Feb. 1, 1927.

CLASS 26.

Photograph-film positives, A. L. Godoy. 226,562; Apr. 12; Serial No. 239,361; published Feb. 1, 1927.
Weighing machines. Autosales Corporation. 226,572; Apr. 12; Serial No. 237,529; published Feb. 1, 1927.

CLASS 27.

Clocks, Alarm. F. Borletti. 226,538; Apr. 12; Serial No. 228,092; published Jan. 11, 1927.
Watches, watch movements, and parts of watches. American Waltham Watch Co. 29,647–9; renewed Mar. 9, 1927.
Watches, watch movements, watchcases, and watch dials. Pickard, Hermann & Fils, Alexora Watch Manufactory. 226,655; Apr. 12.

CLASS 29.

Brushes. John L. Whiting-J. J. Adams Company. 226,646–8; Apr. 12.

CLASS 31.

Freezers, Ice-cream. Richmond Cedar Works. 64,946; renewed Aug. 27, 1927.
Refrigerators. McCray Refrigerator Company. 226,573; Apr. 12; Serial No. 237,558; published Feb. 1. 1927.

CLASS 32.

Cabinets, Filing. Columbia Steel Equipment Company. 226,636; Apr. 12; Serial No. 241,604; published Feb. 1, 1927.
Drawer partitions. F. A. Purchas. 226,635; Apr. 12; Serial No. 241,669; published Feb. 1, 1927.
Mattresses, bed springs, pillows, and couches. Edward McRoskey Mattress Co. 226,624; Apr. 12; Serial No. 223,314; published Feb. 1, 1927.

CLASS 33.

Glasses, tumblers, and flasks, Whisky. I. H. Fishelov. 226,549; Apr. 12; Serial No. 234,205; published Feb. 1, 1927.

CLASS 34.

Dampers, Hot-air. A Cohn. 226,620; Apr. 12; Serial No. 221,050; published Feb. 1, 1927.
Heaters, Submerged water. Bell & Gossett Company. 226,588; Apr. 12; Serial No. 240,950; published Feb. 1, 1927.
Heating and ventilating apparatus. A. Lotzes Sons & Company. 63,122; renewed June 4, 1927.
Lighters, Vapor. W. G. Clark & Co. Inc. 226,518; Apr. 12; Serial No. 240,805; published Feb. 1, 1927.
Radiators. American Radiator Company. 60,637–9; renewed Feb. 19, 1927.
Radiators. American Radiator Company. 60,641–2; renewed Feb. 19, 1927.
Radiators. American Radiator Company. 60,673; renewed Feb. 19, 1927.
Stoves. Charter Oak Stove & Range Company. 226,627; Apr. 12; Serial No. 239,698; published Feb. 1, 1927.
Stoves. Joliet Stove Works. 54,621; renewed June 26, 1927.
Stoves and ranges. James Graham Manufacturing Company. 65,178; renewed Sept. 10, 1927.
Stoves and ranges. James Graham Manufacturing Company. 65,231; renewed Sept. 10, 1927.

CLASS 35.

Belting. F. Ranlville Company. 226,491; Apr. 12; Serial No. 237,191; published Feb. 1, 1927.
Belting. F. Ranlville Company. 226,575; Apr. 12; Serial No. 237,697; published Feb. 1, 1927.
Belting, rubber and cotton rubber-lined hose, and rubber packings, Rubber. W. S. Nott Company. 64,688; renewed Aug. 20, 1927.
Rubber stuffing-box rings and rubber pump collars. Union Rubber and Asbestos Co. 226,591; Apr. 12; Serial No. 240,891; published Feb. 1, 1927.
Tire casings, Repaired automobile. T. P. Tivy. 226,505; Apr. 12; Serial No. 240,108; published Feb. 1, 1927.
Tire sleeves, flaps, plasters, patches, repair kits, etc., Inside. Badger Rubber Works. 226,474; Apr. 12; Serial No. 240,587; published Feb. 1, 1927.
Tires, Automobile. V. C. Anderson. 226,616; Apr. 12; Serial No. 215,433; published Feb. 1, 1927.
Tires, Elastic vehicle. Goodyear Tire & Rubber Company. 64,242; renewed July 30, 1927.

CLASS 36.

Harmonicas, Mouth. F. A. Böhm. 62,092; renewed Apr. 16, 1927.
Musical instruments, Wire for. Felten & Guilleaume. 29,859; renewed Apr. 20, 1927.
Pianos. Milton Piano Company. 63,746; renewed July 9, 1927.
Pianos and organs. Starr Piano Company. 64,506; renewed Aug. 13, 1927.
Pianos, automatic piano players, and self-playing pianos. Cable Company. 63,092; renewed June 4, 1927.

CLASS 37.

Bank supplies. Continental Bank-Supply Company. 226,649; Apr. 12.
Paper, Book, cover, bond, and writing. J. E. Linde Paper Co. 226,526; Apr. 12; Serial No. 235,394; published Feb. 1, 1927.
Paper, mailing envelopes, composition books, etc., Writing. Julien & Sterling. 226,534; Apr. 12; Serial No. 225,425; published Feb. 1, 1927.
Pasteboard. McEwan Brothers. 64,196; renewed July 30, 1927.
Pencils and penholders. Baignol & Farjon. 226,541; Apr. 12; Serial No. 230,272; published Feb. 1, 1927.
Pens, pencils, chalk and crayon, blank books, and account books, etc. G. Steinmetz. 226,645; Apr. 12; Serial No. 238,533; published Jan. 11, 1927.

CLASS 38.

Books, pamphlets, and circulars, Printed. Rogers and Company. 64,797; renewed Aug. 20, 1927.
Cartoons, Series of. Tribune Company. 226,565–6; Apr. 12; Serial Nos. 239,439–40; published Feb. 1, 1927.
Cartoons, Series of. Tribune Company. 226,568; Apr. 12; Serial No. 239,442; published Feb. 1, 1927.
Cartoons, Series of. Tribune Company. 226,570–1; Apr. 12; Serial Nos. 239,444–5; published Feb. 1, 1927.
Coupons and discount charts. L. C. Pritchard. 226,496; Apr. 12; Serial No. 190,853; published Feb. 1, 1927.
Magazine. Christian Herald. 226,478; Apr. 12; Serial No. 240,642; published Feb. 1, 1927.
Magazine. McCall Company. 226,481–3; Apr. 12; Serial Nos. 240,671–3; published Feb. 1, 1927.
Magazine. National Sportsman, Inc. 226,484; Apr. 12; Serial No. 240,675; published Feb. 1, 1927.
Magazines. Crane Company. 64,027; renewed July 23, 1927.
Newspaper articles, Heading for a series of. Tribune Company. 226,567; Apr. 12; Serial No. 239,441; published Feb. 1, 1927.
Newspaper column, Heading for a. Tribune Company. 226,569; Apr. 12; Serial No. 239,443; published Feb. 1. 1927.
Publication. Nulomoline Company. 226,579; Apr. 12; Serial No. 238,341; published Feb. 1, 1927.
Publication, Column of notes in a daily. M. D. Sentner. 226,477; Apr. 12; Serial No. 240,628; published Feb. 1, 1927.
Publications. Johnston Export Publishing Co. 226,592; Apr. 12; Serial No. 240,858; published Feb. 1, 1927.

CLASS 39.

Boots and shoes. E. W. Burt & Co. 64,779; renewed Aug. 20, 1927.
Boots and shoes, Leather. Drake & Co. 62,636; renewed May 21, 1927.
Boots and shoes of leather. Endicott-Johnson Company. 64,335; renewed Aug. 6, 1927.
Boots, shoes, and slippers, Leather. W. Bernstein. 64,959; renewed Sept. 3, 1927.
Dresses and gowns, Women's work. Associates for Government Service, Incorporated. 226,558; Apr. 12; Serial No. 238,893; published Jan. 11, 1927.
Hats. Crofut & Knapp Co. 30,389; renewed July 20, 1927.
Hosiery. F. A. Patrick & Company. 59,698; renewed Jan. 15, 1927.
Hosiery and gloves, Knitted. M. S. Esche. 57,132–3; renewed Nov. 6, 1926.
Hosiery and knitted underwear. John S. Naylor & Co. 62,699; renewed May 21, 1927.
Shoes. G. E. Bartlett. 64,958; renewed Sept. 3, 1927.
Suits, Bathing. W. Hertz. 226,498; Apr. 12; Serial No. 204,908; published Jan. 11, 1927.
Suits, coats, pants, caps, etc. Essex Manufacturing Company. 226,610; Apr. 12; Serial No. 237,729; published Nov. 23, 1926.

CLASS 40.

Hairpins, combs, and hair ornaments. Pacific Novelty Company. 65,055; renewed Sept. 3, 1927.

CLASS 42.

Cloths, Wash. R. M. Christensen. 226,643; Apr. 12; Serial No. 241,201; published Feb. 1, 1927.
Cotton piece goods, etc. Voss & Stern, Inc. 226,497; Apr. 12; Serial No. 204,643; published Feb. 1, 1927.
Cotton sheetings. Columbus Manufacturing Company. 226,544; Apr. 12; Serial No. 233,106; published Feb. 1, 1927.
Fabrics, woven, silk, etc. A. W. Baylis Co. 226,535; Apr. 12; Serial No. 225,697; published Feb. 1, 1927.
Handkerchiefs. Penn Handkerchief Co. 266,656; Apr. 12.
Pile fabrics in the piece. Sidney Blumenthal & Co. Inc. 226,548; Apr. 12; Serial No. 234,076; published Feb. 1, 1927.
Silk piece goods. Albert Godde, Bedin, Inc. 226,642; Apr. 12; Serial No. 241,368; published Feb. 1, 1927.
Veilings, Net. S. Oppenheimer & Levy. 64,224; renewed July 30, 1927.
Woolen piece goods. Forstmann & Huffmann Company. 226,520; Apr. 12; Serial No. 240,775; published Feb. 1, 1927.
Woolens and worsteds in the piece. Andrew's Mill Co. 226,641; Apr. 12; Serial No. 241,381; published Feb. 1, 1927.

CLASS 43.

Cotton or cotton thread, Sewing. Clark Thread Company. 61,841; renewed Apr. 9, 1927.
Cotton or cotton thread, Sewing. Clark Thread Company. 63,639; renewed July 2, 1927.
Crochet cotton or cotton thread. Clark Thread Company. 62,023; renewed Apr. 16, 1927.
Thread, Cotton. Bay State Thread Works. 226,638; Apr. 12; Serial No. 241,558; published Feb. 1, 1927.
Thread, Cotton. Clark Thread Company. 62,022; renewed Apr. 16, 1927.
Yarn, Worsted and wool. Priscilla Worsted Mills, Inc. 226,551–3; Apr. 2; Serial Nos. 167,649–51; published Feb. 1, 1927.

CLASS 44.

Bottles, Nursing. Owens Bottle Company. 226,475; Apr. 12; Serial No. 240,622; published Jan. 25, 1927.
Dental kit. R. H. Brown. 226,561; Apr. 12; Serial No. 239,352; published Feb. 22, 1927.
Rubber, Sheet. American Hard Rubber Company. 64,717; renewed Aug. 20, 1927.
Sanitary aprons, sanitary step-ins, sanitary (rubber panel back) shadow skirts. C. E. Conover Co. 226,576; Apr. 12; Serial No. 238,250; published Feb. 1, 1927.
Sanitary belt or supporter. E. M. Ackerman. 226,557; Apr. 12; Serial No. 238,762; published Jan. 25, 1927.
Sanitary napkins. Dovais, Incorporated. 226,609; Apr. 12; Serial No. 239,358; published Feb. 1, 1927.
Sanitary napkins. Hospital Specialty Co. 226,632; Apr. 12.
Sanitary napkins and surgical pads. Cottonoid Products Company. 226,626; Apr. 12; Serial No. 224,550; published Feb. 1, 1927.
Surgical knives and parts thereof. Gillette Safety Razor Company. 266,657; Apr. 12.
Syringes, Hypodermic. A. S. Aloe Co. 226,602; Apr. 12; Serial No. 241,016; published Feb. 1, 1927.

CLASS 45.

Beverage, Celery tonic. Schoneberger & Noble. 64,229; renewed July 30, 1927.

Beverages and preparations for making beverages. Oliver-Finnie Co. 65,088; renewed Sept. 3, 1927.
Beverages and sirups for making the same. C. L. Bridges. 226,479; Apr. 12; Serial No. 241,650; published Feb. 1, 1927.
Beverages and sirups for making the same. Tonkin Distributing Co. 226,472; Apr. 12; Serial No. 240,574; published Feb. 1, 1927.
Drink, Orange. E. Gottlieb. 226,633; Apr. 12; Serial No. 241,772; published Feb. 1, 1927.
Ginger ale. Great Bear Spring Company. 226,470; Apr. 12; Serial No. 240,545; published Feb. 1, 1927.
Water, Mineral. Apollinaris Company. 64,655; renewed Aug. 20, 1927.

CLASS 46.

Candies. S. Fisher & Co. Inc. 226,513; Apr. 12; Serial No. 240,299; published Feb. 1, 1927.
Candies, crystallized fruits, and glacé fruits. Oliver-Finnie Co. 65,054; renewed Sept. 3, 1927.
Candy. L. B. Bradshaw. 226,509; Apr. 12; Serial No. 240,241; published Feb. 1, 1927.
Canned fish. Charles E. Moody & Co. 61,860; renewed Apr. 9, 1927.
Canned fish. Seacoast Canning Company. 226,618; Apr. 12; Serial No. 219,776; published Feb. 1, 1927.
Canned fish. Seacoast Canning Company. 226,619; Apr. 12; Serial No. 219,781; published Feb. 1, 1927.
Canned fruits and vegetables. Deming & Gould Co. 226,487–8; Apr. 12; Serial Nos. 237,116–17; published Feb. 1, 1927.
Canned fruits and vegetables. Deming & Gould Co. 226,489; Apr. 12; Serial No. 237,119; published Feb. 1, 1927.
Canned fruits and vegetables. Deming & Gould Co. 226,632; Apr. 12; Serial No. 237,115; published Feb. 1, 1927.
Canned fruits, vegetables, fish, canned oysters, clams, crab meat, etc. National Grocer Company. 226,614; Apr. 12; Serial No. 225,130; published Feb. 1, 1927.
Canned vegetables. Fuller Canneries Company. 64,730; renewed Aug. 20, 1927.
Chocolattes, bonbons, and chewing candies. Bradley, Smith Company. 64,725; renewed Aug. 20, 1927.
Coffee. Heekin Company. 226,584; Apr. 12; Serial No. 241,101; published Feb. 1, 1927.
Coffee. C. M. & R. Tompkins. 64,273–4; renewed July 30, 1927.
Coffee, tea, cocoa, spices, etc. Forbes Bros. Tea & Spice Co. 226,611; Apr. 12; Serial No. 236,478; published Feb. 1, 1927.
Confectionery. Bradley, Smith Company. 64,724; renewed Aug 20, 1927.
Confections. R. N. Smith. 226,525; Apr. 12; Serial No. 235,173; published Feb. 1, 1927.
Egg and chick mash and car feed. General Commission Co. 226,550; Apr. 12; Serial No. 234,392; published Dec. 14, 1926.
Egg, food-flavoring extracts, mincemeat, almond paste, etc., Powdered. International Company. 226,595; Apr. 12; Serial No. 241,161; published Feb. 1, 1927.
Extracts, Flavoring. McCormick & Co. 65,086; renewed Sept. 3, 1927.
Feed, scratch feed, chicken mash, salad dressing, cheese, canned fruits, etc., Chick. Drake & Company. 226,608; Apr. 12; Serial No. 240,237; published Feb. 1, 1927.
Flour, Wheat. Eagle Roller Mill Co. 226,654; Apr. 12.
Flour, Wheat. Southwestern Milling Company. 62,934; renewed May 28, 1927.
Food product. Schreiber Products Corporation. 226,607; Apr. 12; Serial No. 240,569; published Feb. 1, 1927.
Food products. Glanduja Importing Company. 226,612; Apr. 12; Serial No. 233,819; published Feb. 1, 1927.
Foods. Oliver-Finnie Co. 64,922–3; renewed Aug. 27, 1927.
Fruits, Fresh citrous. Piru Citrus Association. 226,547; Apr. 12; Serial No. 233,747; published Feb. 1, 1927.
Grapes and fresh deciduous fruits, Fresh. L. K. Marshall. 226,634; Apr. 12; Serial No. 241,737; published Feb. 1, 1927.
Gum, Chewing. National Gum Co. 226,583; Apr. 12; Serial No. 241,114; published Feb. 1, 1927.
Mayonnaise and salad dressings. J. P. Chapman. 226,603; Apr. 12; Serial No. 240,957; published Feb, 1. 1927.
Milk, Substitute for natural. Lactina Suisse Panchaud S. A. 226,613; Apr. 12; Serial No. 228,320; published Feb. 1, 1927.
Potatoes. R. L. Douglass. 226,500; Apr. 12; Serial No. 239,799; published Feb. 1, 1927.
Poultry, baby chicks, and eggs, Live. P. F. Clardy. 226,653; Apr. 12.
Sirup, Malt. Red Sun Products Co. 226,604; Apr. 12; Serial No. 240,924; published Feb. 1, 1927.
Tea and coffee. Charles E. Moody & Co. 62,270; renewed Apr. 30, 1927.
Walnuts. C. C. Collins Company. 226,490; Apr. 12; Serial No. 237,152; published Feb. 1, 1927.
Wheat breakfast food. Cream of Wheat Company. 226,621; Apr. 12; Serial No. 221,738; published Dec. 21, 1926.

CLASS 48.

Beverages and malt tonic, Malt and cereal. Manitowoc Products Company. 226,531; Apr. 12; Serial No. 236,427; published Dec. 14, 1926.
Malted raisin drink. J. P. Mallos. 226,651; Apr. 12.

CLASS 49.

Cognacs. Deutsch-Französische Cognac-Brennerei und Weinsprit-Raffinerie vorm. Gebrüder Macholl (Actiengesellschaft). 65,164; renewed Sept. 10, 1927.
Whisky. John Robertson & Son, Ltd. 63,050; renewed June 4, 1927.

CLASS 50.

Traps, Animal. Oneida Community Limited. 61,173; renewed Mar. 5, 1927.

ALPHABETICAL LIST OF LABELS.

Achepatch. For Medicated Plasters. J. J. Larmour. 31,923; Apr. 12.
Alfred J. Ruby. For Footwear. Frank C. Meyer Company. 31,937; Apr. 12.
Bandpatch. For Medicated Plasters. J. J. Larmour. 31,929; Apr. 12.
Ben Lewis. For Footwear. Frank C. Meyer Company. 31,948; Apr. 12.
Best Ever. For Footwear. Frank C. Meyer Company. 31,947; Apr. 12.
B. Rich's Sons. For Footwear. Frank C. Meyer Company. 31,941; Apr. 12.
BRN-EZ. For an Ointment. Home Drug Company. 31,916; Apr. 12.
Bunionpatch. For Medicated Plasters. J. J. Larmour. 31,921; Apr. 12.
Citrus Washing Powder. For Washing Powder. Citrus Soap Company Of California. 31,912; Apr. 12.
Clover. For Spectacle Frames. White Haines Optical Company. 31,956; Apr. 12.
Cornpatch. For Medicated Plasters. J. J. Larmour. 31,924; Apr. 12.
Fastenberg's. For Footwear. Frank C. Meyer Company. 31,940; Apr. 12.
Florida Dry. For Bottled Carbonated Beverages—viz, Pale Ginger Ale. Delaware Punch Bottling Co. 31,913; Apr. 12.
Frank More. For Footwear. Frank C. Meyer Company. 31,936; Apr. 12.
Franklin Simon & Co. For Footwear. Frank C. Meyer Company. 31,933; Apr. 12.
Happy Bunny Easter Egg Colors. For Easter-Egg Colors. Hal Pern Mfg. Co. Inc. 31,952; Apr. 12.
Harry Perkins Inc. or Footwear. Frank C. Meyer Company. 31,935; Apr. 12.
Healpatch. For Medicated Plasters. J. J. Larmour. 31,919; Apr. 12.
Lane Bryant Adapto Shoes. For Footwear. Frank C. Meyer Company. 31,945; Apr. 12.
Mama's. For Ravioli and Mushroom Sauce. Mama's Ravioli Co. 31,932; Apr. 12.
Medipatch. For Medicated Plasters. J. J. Larmour. 31,922; Apr. 12.
Mitzi Hair Net. For Hair Nets. B. Frankel Co. Inc. 31,914; Apr. 12.
Night Club. For Ginger Ale. J. F. Lasser. 31,931; Apr. 12.
Nokrode. For a Composition Forming a Protective Coating Adapted to Prevent Corrosion. Nokrode Company. 31,949; Apr. 12.
O-Cedar Polish—Varnish's Friend. For Polish for Stained, Painted, and Varnished Surfaces. O-Cedar Corp'n. 31,950; Apr. 12.
Oppenheim, Collins & Co. For Footwear. Frank C. Meyer Company. 31,938; Apr. 12.
Ozoray Cream. For Face and General Massage Cream. E. Hennig. 31,915; Apr. 12.
Painband. For Medicated Plasters. J. J. Larmour. 31,928; Apr. 12.
Painpad. For Medicated Plasters. J. J. Larmour. 31,930; Apr. 12.
Painstrap. For Medicated Plasters. J. J. Larmour. 31,925; Apr. 12.
Patchpain. For Medicated Plasters. J. J. Larmour. 31,918; Apr. 12.
Polly's Bootery. For Footwear. Frank C. Meyer Company. 31,944; Apr. 12.
Preparación Perfeccionada y Sin Sabor de Wampole. For Medicinal Preparations. Henry K. Wampole and Company. 31,955; Apr. 12.
Radiopatch. For Medicated Plasters. J. J. Larmour. 31,926; Apr. 12.

Scottissue Towels. For Paper Towels. Scott Paper Company. 31,953; Apr. 12.
See it in Glass—Buy it in Tin. For Canned Pumpkin. J. M. Paver Company. 31,951; Apr. 12.
Shoecraft. For Footwear. Frank C. Meyer Company. 31,934; Apr. 12.
Skinpatch. For Medicated Plasters. J. J. Larmour. 31,920; Apr. 12.
Smack. For Chocolate Cylinders Filled with Ice Cream. Ice Cream Smack Products Company. 31,917; Apr. 12.
Sommers—Inc. For Footwear. Frank C. Meyer Company. 31,942; Apr. 12.
Statite Tube Patch. For Automobile Tire and Tube Repair Outfits. Statite Rubber Products Company. 31,954; Apr. 12.
The Joy Bootery. For Footwear. Frank C. Meyer Company. 31,939; Apr. 12.
The Moving Puzzle. For Puzzles. F. E. Aaron. 31,911; Apr. 12.
The Pedemode Shop. For Footwear. Frank C. Meyer Company. 31,946; Apr. 12.
Winkelman. For Footwear. Frank C. Meyer Company. 31,943; Apr. 12.
Wonderpatch. For Medicated Plasters. J. J. Larmour. 31,927; Apr. 12.

ALPHABETICAL LIST OF PRINTS.

Camera Gravure. For Printed, Engraved, and Lithographed Stationery. Ecker & Co. Inc. 9,721; Apr. 12.
Creations of Coty. For Face Cream and Face Powder. Coty, Inc. 9,714; Apr. 12.
Credit Card. For Men's Shoes. Nettleton Shops, Inc. 9,723; Apr. 12.
Denafelt. For Floor Coverings, Including Hair Rug Cushions, Hair Carpet Lining, and Hair Stair Pads. Densten Felt and Hair Company. 9,718; Apr. 12.
Feeltype Printing Your Fingers can tell. For Printed, Engraved, and Lithographed Stationery. Ecker & Co. Inc. 9,720; Apr. 12.
Flit Moths! Roaches! For Insecticide. Standard Oil Company (New Jersey). 9,726; Apr. 12.
Friendship's Token Cloth-Graved Greetings. For Stationery. W. J. Ecker, jr. 9,719; Apr. 12.
Grandma's Cakes. For Cakes. Lantz Bros. Baking Co. 9,722; Apr. 12.
Huck Finn, a Bow for every Ruff and Ready, Some Bow-ch Boys, Bows of Quality, for Regular Fellers, H. F. For Boys' Bow Ties. Belle Neckwear Company. 9,712; Apr. 12.
Mintlax. For a Laxative put up in Tablet Form. R. Pauley. 9,725; Apr. 12.
Neglected Point in Sanitation. For Disinfectants and Deodorants for Closet Bowls. Climalene Company. 9,713; Apr. 12.
Philadelphia Pupils Learn More with One Change of Food. For Wheat Breakfast Food. Cream of Wheat Co. 9,716; Apr. 12.
School Tests Reveal Startling Facts about Children's Breakfasts. For Wheat Breakfast Food. Cream of Wheat Co. 9,717; Apr. 12.
Sky Blue! Hop Scotch! For Wheat Breakfast Food. Cream of Wheat Co. 9,715; Apr. 12.
White Houses can be Whiter, now. For Paint. New Jersey Zinc Company. 9,724; Apr. 12.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. Montevallo Coal Mining Company. 243,721; Apr. 12.
Coal, charcoal, coke, and wood. United Fuel & Supply Company. 242,634; Apr. 12.
Peat moss used as a scratch medium for poultry, etc., Form of. Julius Loewith, Inc. 231,112; Apr. 12.
Peat moss used for bedding for animals, etc., Form of. Julius Loewith, Inc. 231,113; Apr. 12.
Pelts, Rabbit. K. P. Button. 236,191; Apr. 12.
Soil, Plant. Hyper-Humus Company. 243,214–15; Apr. 12.

CLASS 3.

Bag or novelty pocketbook, Hand. L. D. Hall. 245,270; Apr. 12.
Dog collars, dog harness, and horse harness. Craftsman Leather Specialty Company. 244,055; Apr. 12.
Hame straps and harness straps. J. E. Rhoads & Sons. 241,672; Apr. 12.
Trunks, valises, traveling bags, etc. Raison Sociale les Fils de S. T. Dupont. 240,877; Apr. 12.

CLASS 4.

Cleaners in paste and liquid form, Dry. Robinette & McLain. 244,026; Apr. 12.
Cleaning preparations for laundry, toilet, etc. W. Cadwallader. 245,250; Apr. 12.
Compound for cleaning the hands, shaving cream, soap, etc. Leigh Chemist, Inc. 241,629; Apr. 12.
Oil, Shoe. Theo. Bergman Shoe Manufacturing Co. 245,134; Apr. 12.
Soap. V. De Messimy. 244,548; Apr. 12.
Soap. Los Angeles Soap Company. 244,163; Apr. 12.
Soap flakes. Citrus Soap Company of California. 243,750; Apr. 12.
Soap, Hand. C. W. Clark. 244,604; Apr. 12.
Soap, soap powder, etc. Fitzpatrick Bros. 244,922; Apr. 12.
Soap, Toilet. Bourjois, Inc. 243,130; Apr. 12.

CLASS 5.

Glue. National Gum & Mica Company. 239,192; Apr. 12.
Puncture-sealing composition. Armourite (Laboratories) Ltd. 243,638; Apr. 12.

CLASS 6.

Antifreeze mixture for use in the radiators of motor vehicles. G. P. Keesee. 243,315; Apr. 12.
Chemical compounds, preparations, and powders. Lovis' Cove Gift Shop, Inc. 244,455; Apr. 12.
Chemical preservatives for meats, meat products, sausage, etc. Preservaline Manufacturing Company. 242,498; Apr. 12.
Cough sirup. S. L. Fuller. 244,296; Apr. 12.
Cream, Dental. Colgate & Company. 244,001; Apr. 12.
Cream and lotion, shampoo, bay rum, hair tonic, etc., Face. C. W. Bayne. 239,011; Apr. 12.
Cream, Face. San-I-Sal Laboratories, Inc. 243,117; Apr. 12.
Creams, lotions, rouges, powders, etc. H. E. Zutz. 243,737; Apr. 12.
Deodorant. Plough Chemical Company. 240,876; Apr. 12.
Deodorant, Toilet. Viking Laboratories, Incorporated. 244,254; Apr. 12.
Effervescent purgative. R. L. Irizarry. 244,013; Apr. 12.
Hairdressing, tooth wash, and preparation for beautifying the complexion, etc. Joseph Burnett Company. 242,706; Apr. 12.
Herb extracts for medicinal beverages. Egon Braun Aktiengesellschaft. 235,946; Apr. 12.
Insecticide or powder, Fly. I. Silverman. 243,288; Apr. 12.
Insecticides, meat-curing preparations and compounds, food colors, chemical preparations, etc. B. Heller & Company. 243,491; Apr. 12.
Lime, Hydrated. Chemical Lime Company. 242,983; Apr. 12.
Lime, Hydrated. Chemical Lime Company. 242,985; Apr. 12.
Lip stick, depilatory, astringent lotion, almond cream, etc. A. H. Arit. 245,316; Apr. 12.
Lotion, Skin. Viking Laboratories, Incorporated. 244,255; Apr. 12.
Medicine. B. A. Hardy. 245,093; Apr. 12.
Medicine. M. Kono. 243,372; Apr. 12.
Mouth wash and medicine. T. Bierre. 244,388; Apr. 12.
Oils used in the vulcanization of india rubber. Technische Chemikalien-Compagnie G. m. b. H. 242,555; Apr. 12.
Perfumes, toilet powders, toilet creams, and toilet lotions. H. H. Erwin Co. 244,350; Apr. 12.
Poison-ivy extract. H. K. Mulford Company. 243,449; Apr. 12.
Powder for photographic use, Flash. I. C. Newman Co. Inc. 243,821; Apr. 12.
Powder, Skin. G. S. Heyer. 242,538; Apr. 12.
Preparation for chemically blackening red stove lids. A. H. Paradis. 245,159; Apr. 12.
Preparation for the treatment of chills, fever, etc. F. G. Usry. 245,170; Apr. 12.
Preparation for the treatment of dandruff. Dandiff Co. 243,426; Apr. 12.
Preparations for protecting animal substances. I. G. Farbenindustrie Aktiengesellschaft. 242,179; Apr. 12.
Preparations for treating the hair and skin, hair tonic, tonic brilliantine, vanishing and scalp cream, etc. A. C. Smith. 242,860; Apr. 12.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Preparations or medicines for pains and aches of nervous or organic origin, etc. Bayer Company. 244,738; Apr. 12.
Product used in the treatment of arthritis and psoriasis. Harrower Laboratory, Inc. 244,613; Apr. 12.
Products used in the treatment of status calciprivia, etc. Harrower Laboratory, Inc. 244,612; Apr. 12.
Rouge, lip stick, face powder, talcum powder, etc. Palmolive Company. 245,027; Apr. 12.
Starch tablets. J. L. Prescott Company. 245,161; Apr. 12.
Sulphate of copper, iron sulphate, and copper carbonate. Mountain Copper Co. 245,284; Apr. 12.
Tonic, Hair. J. N. Hanna. 245,010; Apr. 12.
Tonic, Hair. A. P. Rudy. 245,031; Apr. 12.
Water softener and a blenching and cleansing solution. T. J. Cadorette. 240,956; Apr. 12.

CLASS 8.

Pipes, Smoking. Benjamin Pipe Company. 243,797; Apr. 12.

CLASS 9.

Matches. Jönköpings och Vulcans Tändsticksfabriksaktiebolag. 228,192; Apr. 12.

CLASS 12.

Board and lumber, Composite. MacAndrews & Forbes Company. 242,840; Apr. 12.
Pavement, Bituminous macadam. Amiesite Asphalt Limited. 241,021; Apr. 12.
Sheet-steel ceilings and eaves troughs. Bayonne Steel Company. 239,962; Apr. 12.

CLASS 14.

Castings, Ferrous. West Steel Casting Company. 241,249–50; Apr. 12.
Castings, Ferrous. West Steel Casting Company. 241,456; Apr. 12.
Screening, Wire fabrics for. Pacific Wire Products Co. 241,433; Apr. 12.

CLASS 15.

Candles. Smith & Nichols, Incorporated. 244,576; Apr. 12.
Gasoline. Trinidad Oil Company. 235,537; Apr. 12.
Gasoline, kerosene, fuel oil, etc. I. W. Bagwell. 242,809; Apr. 12.
Oils and greases, Lubricating. Hickok Producing Co. 221,897; Apr. 12.
Oils and greases, Lubricating. E. A. Meyer. 227,664; Apr. 12.
Oils, gasoline, and wax. Empire Oil Works Inc. 243,043; Apr. 12.

CLASS 16.

Lacquers. Morgan Company. 245,155; Apr. 12.
Lead, White. Carter White Lead Company. 241,866; Apr. 12.
Paint and paint enamel. Wadsworth Howland & Co. 241,799; Apr. 12.
Paint, Mixed. J. F. Kurfees Paint Company. 244,829–30; Apr. 12.
Paints. Elco Paint Products, Inc. 238,257; Apr. 12.
Paints. Super Paint & Varnish Company. 226,574; Apr. 12.
Paints, varnishes, enamels, etc. T. H. Downward. 195,222; Apr. 12.

CLASS 17.

Cigarettes. L. Berberian. 244,975; Apr. 12.
Cigarettes. S. S. Pierce Co. 245,106; Apr. 12.
Stogies. C. J. Cheney. 244,742; Apr. 12.

CLASS 19.

Automobiles. Lincoln Motor Company. 240,728; Apr. 12.

CLASS 21.

Battery eliminator. Kellogg Switchboard and Supply Co. 208,522; Apr. 12
Cables with nonmetallic protective covering. American Circular Loom Company. 232,240; Apr. 12.
Electric conductors, wires, and cables. Boston Insulated Wire & Cable Company. 244,653; Apr. 12.
Electric fire alarms, Automatic. M. C. Kroeger. 241,730; Apr. 12.
Electrical cabinets, switches, switch boxes, etc. Square D Company. 172,616; Apr. 12.
Electrical equipment. Hub-Way Manufacturing Company. 242,588; Apr. 12.
Fans, Electric. Hunter Fan & Motor Co. 244,158; Apr. 12.
Fans, Electrical. Piqua Electric Service Co. 241,436; Apr. 12.
Generating plants, Wind-driven. Perkins Corporation. 239,822; Apr. 12.
Wire terminals and cables. K-E-M Manufacturing & Sales Co. 243,812; Apr. 12.

CLASS 22.

Baits, Artificial. James Heddon's Sons. 242,125; Apr. 12.
Dolls. A. A. Gerling. 245,263; Apr. 12.
Tennis rackets, baseball bats, skis, and golf clubs. H. W. Hall. 242,373; Apr. 12.

CLASS 23.

Machinery and fixtures therefor, Experimental. Peco Manufacturing Company. 244,240; Apr. 12.
Saw blades. J. F. Gleason. 243,488; Apr. 12.

CLASS 24.

Drying and dry-cleaning machines. American Laundry Machinery Co. 243,839; Apr. 12.

CLASS 26.

Camera, projector, tripod, film, etc., Cinematographic. Pathex, Inc. 240,362; Apr. 12.
Photographic papers, Sensitized. I. G. Farbenindustrie Aktiengesellschaft. 242,177–8; Apr. 12.

CLASS 27.

Clocks. B. D. Colen. 208,743; Apr. 12.
Watchcases. L & L Watch Case Company. 243,096; Apr. 12.

CLASS 28.

Precious stones and imitation precious stones. "Cristallo" A. G. 243,142; Apr. 12.
Vanity boxes. Napier Co. 242,435; Apr. 12.

CLASS 29.

Brushes, Painters'. Marcus Brush Co. 230,556; Apr. 12.

CLASS 31.

Refrigerating apparatus. General Refrigeration Company. 232,131; Apr. 12.

CLASS 32.

Cabinets, tables, cupboards, etc. Wasmuth-Endicott Company. 243,027; Apr. 12.
Chairs, tables, and desks, Children's. F. Wissig. 242,327; Apr. 12.
Chairs, tables, desks, beds, etc. G. S. Hunt. 242,589; Apr. 12.
Davenports, chairs, benches, etc. Dunbar Furniture Manufacturing Company. 240,410; Apr. 12.
Davenports, chairs, stools, and benches. Standard Mattress and furniture, Inc. 243,670; Apr. 12.
Mirrors, pillows, bassinets, mattresses, etc. Best & Co., 242,467; Apr. 12.

CLASS 33.

Glass, Figured sheet. Western Glass Company. 228,879; Apr. 12.
Glass globes and reflectors. Miller Company. 227,956–7; Apr. 12.

CLASS 34.

Heaters, Air-circulating room. Tennessee Stove Works. 244,032; Apr. 12.
Stoves and parts thereof. O. K. Stove & Range Co. 243,064; Apr. 12.

CLASS 35.

Packing, Stuffing-box. Walker and Forbes. 243,632; Apr. 12.
Patches for rubber tires. Beckham Tire and Rubber Company. 234,020; Apr. 12.
Inner-tube repair kits. Ceylon Rubber Company. 237,148; Apr. 12.
Tires and inner tubes therefor, Pneumatic. B. F. Goodrich Company. 241,999; Apr. 12.

CLASS 36.

Accordions and mouth harmonicas. Sears, Roebuck and Co. 243,563; Apr. 12.
Musical instruments. Tonk Bros. Company. 227,542; Apr. 12.

CLASS 37.

Blotting paper. Rochester Paper Co. 244,321; Apr. 12.
Cardboards. Hurlock Bros. Company. 244,445–6; Apr. 12.
Form, Blank. Howes Fahnestock. 242,833; Apr. 12.
Wadding made of paper stock, Absorbent. Kimberly-Clark Company. 244,502; Apr. 12.

CLASS 38.

Periodical. Referee Publishing Co. 244,320; Apr. 12.
Publication. W. H. Cousins. 242,097; Apr. 12.
Publication. National Register Publishing Co. 243,659; Apr. 12.
Publication. J. Henry Schroder Banking Corporation. 241,637; Apr. 12.
Publications. Austin Flint Association, Inc. 244,737; Apr. 12.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 39.

Brassières and bust supporters. Rosenberg & Hertz. 239,519; Apr. 12.
Brassières, corset brassières, etc. Weingarten Bros., Inc. 244,524; Apr. 12.
Brassières, corsets, vests, etc. Imperial Manufacturing Company. 244,771; Apr. 12.
Caps. Fits-U Cap Co. 243,434; Apr. 12.
Coats, vests, pants, and overcoats. Fashion Park Inc. 244,145; Apr. 12.
Coats, vests, trousers, etc. J. Schoeneman, Incorporated. 243,975; Apr. 12.
Cravats and ties. Advance Neckwear Co. 243,913; Apr. 12.
Dresses. B. F. Crown. 242,521; Apr. 12.
Dresses, coats, and suits. Frohman & Altman, Inc. 243,755; Apr. 12.
Frocks and dresses. Moskowitz & Altman. 241,492; Apr. 12.
Gloves. Gates, Mills & Driscoll, Inc. 244,862; Apr. 12.
Gloves, mittens, and gauntlets. M. B. Hamilton & Co. 242,667; Apr. 12.
Hats and caps. Gordon & Ferguson, Inc. 244,355; Apr. 12.
Hats, Ladies'. P. Kieves. 234,813; Apr. 12.
Hats, Ladies', misses', and children's. I. M. Baker. 244,912; Apr. 12.
Hosiery. Climax Hosiery Mills. 242,094; Apr. 12.
Hosiery. Villa Rica Mills Inc. 242,158; Apr. 12.
Hosiery, underwear, dresses, trousers, rubber boots, etc. Betty Wales Inc. 226,037; Apr. 12.
Shirts. Hahne & Company. 243,805; Apr. 12.
Shirts, pyjamas, nightshirts, etc. Night Comfort Garment Co. 243,874; Apr. 12.
Shoes. A. D. Sebastiani. 241,547; Apr. 12.
Shoes, Children's leather. Milton J. Meyer & Co. 225,438; Apr. 12.
Shoes, Women's. W. B. Coon Co. 244,745–6; Apr. 12.
Stockings. Julius Kayser & Co. 240,821; Apr. 12.
Suits and creepers, Children's. Seymour Kiddy Wear Corporation. 242,754; Apr. 12.
Sweaters, socks, and golf hose, wind-breakers, etc., Knitted. Carthage Knit Wear Corporation. 243,138; Apr. 12.
Underwear. L. Knecht. 243,221; Apr. 12.
Underwear, Ladies'. H. Gelb. 241,997; Apr. 12.
Underwear, Women's and misses'. D. Bickum. 242,332; Apr. 12.
Union suits, shirts, etc. Goldstein-Kirshner Co. 242,120; Apr. 12.

CLASS 40.

Baskets, etc. Best & Co. 227,291; Apr. 12.
Garter buckles. Wilson Fastener Company. 240,117; Apr. 12.
Hair pieces. Hyman & Oppenheim. 244,560; Apr. 12.

CLASS 42.

Comforts. Clifford W. Maish Bedding Company. 227,803; Apr. 12.
Cotton piece goods. James C. Erskine Corp. 239,297; Apr. 12.
Covers, scarfs, bedspreads, towels, etc., Table. F. Tausend. 244,249; Apr. 12.
Elastic webbing, Wide. Ansonia O & C Company. 244,594; Apr. 12.
Silk and cotton piece goods. Lawrence Textile Corporation. 244,832; Apr. 12.
Silk piece goods. Elgin Silk Company. 245,344; Apr. 12.
Silk piece goods. Albert Godde, Bedin, Inc. 244,590; Apr. 12.
Textile fabrics. Duplan Silk Corporation. 244,432; Apr. 12.
Woolen piece goods. Fortsmann & Huffmann Company. 245,192; Apr. 12.
Woolen piece goods. Forstmann & Huffmann Company. 245,194; Apr. 12.
Woolen piece goods. Forstmann & Huffmann Company. 245,196–7; Apr. 12.
Woolen piece goods. Forstmann & Huffmann Company. 245,199–201; Apr. 12.
Woolen piece goods. Forstmann & Huffmann Company. 245,204; Apr. 12.

CLASS 43.

Yarn and thread. A. W. Archer Co. 241,200; Apr. 12.

CLASS 44.

Electrotherapeutic belt. S. Leppert. 245,151; Apr. 12.
Nasal douche. A. Shekter. 238,289; Apr. 12.
Presses and flasks. Ohio Chemical and Manufacturing Company. 234,592; Apr. 12.
Viscous composition matter for coating dental plaster casts. D. B. Butchers. 242,277; Apr. 12.

CLASS 45.

Beverages. Miller Becker Co. 244,459; Apr. 12.
Beverages and sirups for making same. Sethness Company. 245,301; Apr. 12.
Beverages, extracts, concentrates, and sirups for making same. Nu Grape Company of America. 238,518; Apr. 12.
Beverages sold as soft drinks. S. D. Lefas. 242,788; Apr. 12.
Beverages sold as soft drinks and sirups and extracts for making same. Mal Vaz Extracts Company. 243,445; Apr. 12.
Beverages sold as soft drinks, Maltless. Riverside Bottling Works. 245,370; Apr. 12.

CLASS 46.

Bacon. Ernest S. Bazley. 239,287; Apr. 12.
Bacon, cooked ham, etc. Beck Provision Co. 242,273; Apr. 12.
Bread. Manor Baking Company. 243,869; Apr. 12.
Cakes, bread, cookies, crackers, etc. Purity-Ann Baking Company. 245,225; Apr. 12.
Candy. Paul F. Belch Company. 243,920; Apr. 12.
Candy. Junior Candy Company. 238,441; Apr. 12.
Candy. Vitamin Food Co. Inc. 244,522; Apr. 12.
Candy confection. A. O. England. 244,007; Apr. 12.
Canned fish, shrimp, oysters, lobsters, etc. Wm. H. Stanley, Inc. 244,192; Apr. 12.
Canned fruit, jams, jellies, fruit preserves, canned fish, vegetables, vinegar, etc. Pacific Coast Canners, Inc. 241,898; Apr. 12.
Canned olives. Albers Packing Company. 244,735; Apr. 12.
Canned vegetables. Carroon & Co. 244,659; Apr. 12.
Catchup, relishes, pickles, onions, vinegar, sirup, etc. California Supply Company. 227,056; Apr. 12.
Coffee. King Koffee Kompany. 244,775–6; Apr. 12.
Grapes, plums, peaches, etc., Fresh. B. F. List. 228,611; Apr. 12.
Hams. Smithfield Company. 240,929; Apr. 12.
Ice cream. National Ice Cream Company. 244,510; Apr. 12.
Oils, Olive. Comptoirs Pichot & Rennecon. 244,545; Apr. 12.
Tea. Peek Bros. & Winch, Limited. 237,422; Apr. 12.
Tomatoes, Fresh. Flatow, Riley and Company. 244,221; Apr. 12.
Vegetable relish. C. Gaffney. 244,226; Apr. 12.
Vinegar. P. F. De Fatta. 244,919; Apr. 12.

CLASS 48.

Malt cereal beverages. McAvoy Company. 237,241; Apr. 12.

CLASS 50.

Foliage for decorative purposes, Prepared. D. S. Anderson. 243,303; Apr. 12.
Fountains, Poultry. American Steel Products Co. 243,742; Apr. 12.
Water-repellent mildew-resistant fabric. C. A. Boyle & Co. 241,807; Apr. 12.
Waterproof fabric and waterproof cotton duck. Wm. E. Hooper & Sons Co. 243,949; Apr. 12.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 12TH DAY OF APRIL, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abbott, Charles M., Watertown, assignor to Samuel Cabot, Inc., Boston, Mass. Method and apparatus for dipping shingles. 1,624,379; Apr. 12.

Abbott, Lyle S., assignor to Chicago Fire Brick Company, Chicago, Ill. Fire-box arch block. 1,624,198; Apr. 12.

Abbott, Lyle S., assignor to Chicago Fire Brick Company, Chicago, Ill. Sectional fire-box arch. 1,624,199; Apr. 12.

Abbott, Lyle S., assignor to Chicago Fire Brick Company, Chicago, Ill. Fire receiving wall. 1,624,200; Apr. 12.

Abelt, Ernst, Karnap, near Essen-on-the-Ruhr, Germany, assignor to The Libbey Glass Company, Toledo, Ohio. Device for cutting glass tubes or rods. 1,624,197; Apr. 12.

Ackley, Amos. (See Plum, S. H., 2d, and Ackley.)

Acme Knitting Machine & Needle Company. (See Stroud, P. G., and Simond, assignors.)

Adams, Ash, assignor to Lamore Tile Machine Company, Crawfordsville, Ind. Pneumatic core for block machines. 1,624,704; Apr. 12.

Adams, George W., San Antonio, Tex. Concrete, mortar, and plaster mixer. 1,624,705; Apr. 12.

Adams, Lloyd S., et al. (See Bobbitt, Conrad E., assignor.)

Adams, Thomas, Sheboygan, Wis. Safety device for wringers. 1,624,706; Apr. 12.

Adams, William J., Irvington, N. Y., and A. Haddock, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Shielding and balancing means. 1,624,459; Apr. 12.

Adler, Harry, Melville, Johannesburg, assignor of one-third to F. A. Baker, Melrose, Johannesburg, South Africa. Dividing and spacing instrument. 1,624,031; Apr. 12.

Agate, Charlton S., Chelmsford, and P. W. Willans, London, England, assignors to Radio Corporation of America. Radiosignaling. 1,624,201; Apr. 12.

Air Reduction Company. (See Walker, George L., assignor.)

Airubber Corporation. (See Anderson, Arvid E., assignor.)

Airubber Corporation. (See Kennedy, William, assignor.)

Aktiebolaget Baltic. (See Risberg, Johannes V. M., assignor.)

Aktiebolaget Ljungströms Angturbin. (See Eriksson, Erik O., assignor.)

Aladdin Hydraulic Jack Company. (See Shevlin, Joseph P., assignor.)

Aldeen, Wilhelm G., assignor to National Lock Co., Rockford, Ill. Countersinking machine. 1,624,648; Apr. 12.

Aldendorff, Fritz, Wilmersdorf, near Berlin, Germany. Electrical switch. 1,624,202; Apr. 12.

Aldrich, John P., and H. A. Morris, assignors to The Automat Molding & Folding Company, Toledo, Ohio. Package-wrapping machine. 1,624,203; Apr. 12.

Alfieres, Emanuel J., New York, N. Y. Form for setting vault lights. 1,624,304; Apr. 12.

Alland, Maurice, Atlantic City, N. J. Razor. 1,624,707; Apr. 12.

Allen, Jacob G., Belvidere, Ill. Cigarette display and dispensing cabinet. 1,624,883; Apr. 12.

Allmänna Svenska Elektriska Aktiebolaget. (See Ytterberg, Arle, assignor.)

Aluminium Welding Works Ltd. (See Winter, Paul, assignor.)

Amdyco Corporation. (See Dunlap, F. L., and Ewer, assignors.)

American Can Company. (See Magill, Donald G., assignor.)

American Coating Mills. (See Colbert, C. C., and Preston, assignors.)

American Manganese Steel Company. (See Mullally, Walter J., assignor.)

American Motor Body Corporation, The. (See Wetzel, Edward A., assignor.)

American Protein Corporation. (See Bunker, John W. M., assignor.)

American Telephone and Telegraph Company. (See McKown, F. W., and Dietz, assignors.)

American Telephone and Telegraph Company. (See Strieby, M. E., and Fetter, assignors.)

American Typefounders Company. (See Plum, S. H., 2d, and Ackley, assignors.)

American Wiremold Company, The. (See Frederickson, Otto A., assignor.)

Amiot, Felix, Colombes, France. Connecting member. 1,623,956; Apr. 12.

Amsler-Morton Company, The. (See Amsler, Walter O., assignor.)

Amsler, Walter O., assignor to The Amsler-Morton Company, Pittsburgh, Pa. Recuperator. 1,624,128; Apr. 12.

Amster, Samuel, Richmond, Ky. Tobacco wax and producing the same. 1,624,155; Apr. 12.

Andersen, Johan M., assignor to Albert & J. M. Anderson Manufacturing Company, Boston, Mass. Railway signaling system. 1,624,087; Apr. 12.

Anderson, Albert & J. M., Manufacturing Company. (See Andersen, Johan M., assignor.)

Anderson, Arvid E., assignor, by mesne assignments, to Airubber Corporation, Chicago, Ill. Heat retaining garment. 1,623,993; Apr. 12.

Anderson, Edgar W., assignor to Invincible Metal Furniture Company, Manitowoc, Wis. Safe deposit vault. 1,624,305; Apr. 12.

Anderson, Raymond W., Maplewood, N. J. Apparatus for directing the sighting of guns. 1,624,523; Apr. 12.

Andrews, Charles B., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Inner disk for disk crusher. 1,624,032; Apr. 12.

Antossi, Adolph, Brooklyn, N. Y. Air suppy for tumblers. 1,624,650; Apr. 12.

Angus, Arthur R., Westminster, London, England. Control of trains. 1,624,524; Apr. 12.

Anker-Werke Aktiengesellschaft. (See Hennig, Albert, assignor.)

Ansingh, Herman K., Murraysville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical switch. 1,623,954; Apr. 12.

Ansingh, Herman K., Toronto, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company. Switch mechanism, 1,623,955; Apr. 12.

Antoonian, Eunice M., Boston, Mass. Garment. 1,624,570; Apr. 12.

Apex Spring Cover Company, The. (See Skok, Lawrence, assignor.)

Aram, Otto, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Stoker. 1,624,651; Apr. 12.

Arkell Safety Bag Company. (See Robinson, Francis T., assignor.)

Armstrong, George W., Fremont, Ohio, assignor to National Carbon Company, Inc. Depolarizer for primary batteries. 1,624,460; Apr. 12.

Arndt, Franklin E., assignor to The Galion Iron Works & Mfg. Co., Galion, Ohio. Road-grader axle assembly. 1,624,127; Apr. 12.

Ashton, Sidney C., Kansas City, Mo. Oil-well pump. 1,624,821; Apr. 12.

Atkinson, Thomas M., assignor to The Royston Paper Company, Militown, N. J. Colored sheet material and producing the same. 1,624,652; Apr. 12.

Atwood Machine Company. (See Chase, Herbert C., assignor.)

Aubert, Jean M. L. A., Paris, France. River dam. 1,624,571; Apr. 12.

Automat Molding & Folding Company, The. (See Aldrich, J. P., and Morris, assignors.)

Automatic Electric Inc. (See Gardner, John E., assignor.)

Automatic Electric Inc. (See Obergfell, Herbert F., assignor.)

Automatic Electric, Inc. (See Ray, A. J., Madsen and Obergfell, assignors.)

Automatic Motion Picture Display Co. (See Burnett, John P., assignor.)

Automatic Transmission Company. (See Gensmer, Theodore, assignor.)

Automotive Valves Co., The. (See Burtnett, Everett R., assignor.)

Autostrop Patents Corporation. (See Gaisman, Henry J., assignor.)

Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Machine for stapling handles on bags. 1,624,854; Apr. 12.

Babcock & Wilcox Company, The. (See Coleman, John, assignor.)

Babcock & Wilcox Company, The. (See Jacobus, D. S., and Pratt, assignors.)

Bagby, Ralph B., assignor to J. G. Cherry Company, Cedar Rapids, Iowa. Flush valve for Pasteurizers. 1,624,572; Apr. 12.

Bagby, Ralph B., assignor to J. G. Cherry Company, Cedar Rapids, Iowa. Pasteurizing apparatus. 1,624,573; Apr. 12.

Bally, Thaddeus F., Alliance, Ohio. Annealing machine. 1,624,204; Apr. 12.
Baker & Company. (See Brainin, Clement S., assignor.)
Baker, Frank A. (See Adler, Harry, assignor.)
Barndat, Claudio. (See Lleo, A., and Baradat.)
Barber-Colman Company. (See Ransome, Stafford M., assignor.)
Barber-Greene Company. (See Barber, Harry H., assignor.)
Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Digging member for ditching machines. 1,623,957; Apr. 12.
Barker, Hubert C., Houston, Tex. 1,624,855; Apr. 12.
Barker, Percy E., Cleveland, assignor, by mesne assignments, of one-half to A. B. Betz, Shaker Heights Village, Ohio. Dishwashing machine. 1,624,380; Apr. 12.
Barker, Percy E., Cleveland, Ohio, assignor of one-half to A. B. Betz. Dishwashing machine. 1,624,381; Apr. 12.
Barker, Percy E., Cleveland, assignor by mesne assignments of one-half to A. B. Betz, Shaker Heights Village, Ohio. Dishwashing machine. 1,624,461; Apr. 12.
Barnard, Wilbur D., Neenah, Wis. Weed killer. 1,624,033; Apr. 12.
Barrett, William, assignor to G. A. Reach, Philadelphia, Pa. Leg guard for athletes. 1,624,129; Apr. 12.
Barrows, Allan S., Los Angeles, Calif. Car door. 1,624,306; Apr. 12.
Barrows, Donald S., Rochester, N. Y., assignor, by mesne assignments, to The Symington Company. Journal box. 1,624,708; Apr. 12.
Barter, Andrew. (See Buckthorpe, F. T., and Barter.)
Barth, Friedrich F., Radeberg, Germany. Spool for sewing machines. 1,624,884; Apr. 12.
Bartlett, Kent W., Hammond, Ind. Water-softening apparatus. 1,624,382; Apr. 12.
Batchelder, Asa F., Scotia, N. Y., assignor to General Electric Company. Locomotive or car. 1,624,709; Apr. 12.
Batles-Lite Co., The. (See Smith, Rensselaer J., assignor.)
Bauer, Adolph, assignor to R. C. Jenkinson, doing business as R. C. Jenkinson & Co., Newark, N. J. Combined air purifier or humidifier and radiator vent valve. 1,624,774; Apr. 12.
Bauer, Jacob, assignor of one-third to C. L. Johnson and one-third to L. W. Johnson, Youngstown, N. Y. Inverting packages. 1,623,958; Apr. 12.
Bauman, Arthur E., Akron, Ohio. Resilient tire. 1,624,856; Apr. 12.
Beach, Milo D., Litchfield, Conn. Braking motor vehicles. 1,624,525; Apr. 12.
Beach, Milo D., Litchfield, Conn. Braking motor vehicles. 1,624,574; Apr. 12.
Beauprie, Arthur W. (See Taylor, Mark, assignor.)
Beck, Edward, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Mercury arc rectifier. 1,624,383; Apr. 12.
Becker, Edmund H. (See Martus, M. L., Becker, and Ross.)
Beckwith, James, Eugene, Oreg. Carbonized article and making same. 1,624,710. Apr. 12.
Bedard, Frank, Flint, Mich. Telescope air jet. 1,624,384; Apr. 12.
Beggs, Thomas R., Hartford, Conn. Flush valve. 1,624,130; Apr. 12.
Behrman, Abraham S., assignor by mesne assignments to General Zeolite Company, Chicago, Ill. Water softening reagent and process of preparing same. 1,624,711; Apr. 12.
Beldam, George W., Ealing, England. Cricket, hockey, and like ball. 1,624,822; Apr. 12.
Bell & Howell Company. (See Howell, Albert S., assignor.)
Bell Telephone Laboratories, Inc. (See Clokey, Allison A., assignor.)
Bement, John W., Venice, Calif. Luggage carrier for automobiles. 1,624,462; Apr. 12.
Bendix Brake Company. (See Dodge, Adiel Y., assignor.)
Bendix, Vincent. (See Jacker, Edward G., assignor.)
Bennington, Earl T., Cleveland Heights, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio. Suspended carrier. 1,624,205; Apr. 12.
Bergen, Harold E., Berkeley, Calif. Apparatus for recovering solids from press liquids. 1,624,385; Apr. 12.
Bergstein, Samuel, and A. C. E. Lindner, assignors to The Interstate Folding Box Company, Middletown, Ohio. Machine and making paper boxes. 1,624,885; Apr. 12.
Berridge, Harold, South Kensington, London, England. Contractible and expansible supporting means suitable for use in the construction of pipes, tunnels, bridges, and other bodies or structures. 1,624,712; Apr. 12.
Bethlehem Steel Company. (See Shimer, William R., assignor.)
Betts, Anson G., Kinderhook, N. Y. Making a metallic reenforced refractory article. 1,624,386; Apr. 12.
Betz, Arthur B. (See Barker, Percy E., assignor.)
Beveridge Paper Company. (See Ross, Harry M., assignor.)
Biddle, Arthur, Trenton, N. J., assignor to United Products Corporation of America. Composition of gum chicle dispersed in an aqueous colloid. 1,624,088; Apr. 12.
Biddle, Arthur, Trenton, N. J., assignor to United Products Corporation of America. Insect lime and making the same. 1,624,089; Apr. 12.
Biddle, Arthur, Trenton, N. J., assignor to United Products Corporation of America. Galvanoplasty. 1,624,575; Apr. 12.
Biebel, Herman M., Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company. Indicating fluid-circuit interrupter. 1,624,463; Apr. 12.
Bigelow, Milton E., Warren, Ariz. Motive-fluid generator. 1,624,464; Apr. 12.
Bishop, Joseph E. (See Turner, G., and Bishop.)
Bixby, Walter. (See Mason, H., Bixby, and Bogan.)
Bjerregaard, August P., Okmulgee, Okla., assignor to Doherty Research Company, New York, N. Y. Extracting hydrocarbons from gas. 1,624,206; Apr. 12.
Black, Lee J., Beaumont, Tex. Gate valve. 1,624,465; Apr. 12.
Black, Lee J., and E. E. Swope, Beaumont, Tex. Screw pump. 1,624,466; Apr. 12.
Blaine, James G., Compton, and C. B. Patton, Los Angeles, Calif. Stretcher. 1,624,090; Apr. 12.
Blakeslee, Raymond I. (See Lyndon, L., and Blakeslee.)
Blaw-Knox Company. (See Venable, William M., assignor.)
Bleam, Albert, Clarksville, Mich. Seed-cleaning machine. 1,624,034; Apr. 12.
Boardman, Charles H., Columbus, Ohio. Top support for cribs. 1,624,467; Apr. 12.
Bobbitt, Conrad E., assignor of one-half to L. S. Adams and J. D. Senter, Humboldt, Tenn. Battery case. 1,624,131; Apr. 12.
Boberg, Teofron. (See Söderlund, O., Boberg, and Testrup.)
Boddie, Clarence A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,624,387; Apr. 12.
Bodholdt, Aksel K., et al., trustees. (See Speer, Alexander S., assignor.)
Boelter, Hugo. (See Koegle, John G., assignor.)
Bogan, Hugh L., jr. (See Mason, H., Bixby, and Bogan.)
Bohmsack, Harry C., assignor of one-half to H. W. Passer, Fort Atkinson, Wis. Oil filter. 1,624,526; Apr. 12.
Bonsall, Charles D., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,624,207; Apr. 12.
Boosey, Edward W. N., Detroit, Mich. Water-closet bend. 1,624,653; Apr. 12.
Borton, George W., Philadelphia, Pa., assignor to Pennsylvania Crusher Company, New York, N. Y. Screen bar for crushing machinery. 1,624,886; Apr. 12.
Boucherot, Paul M. J., Paris, France. High-frequency signaling. 1,624,208; Apr. 12.
Bound Brook Oil-Less Bearing Company. (See Claus, Carl, assignor.)
Bournonville, Eugene M., Jersey City, N. J. Internal-combustion-engine rotary valve member. 1,624,388; Apr. 12.
Bovard, Fritz, Bern, assignor to the Firm: Sport S. A. Bienne, Canton of Bern, Switzerland. Lighting magneto for vehicles. 1,624,775; Apr. 12.
Bower, Elmer E., Rochester, Minn. Automobile signal. 1,624,468; Apr. 12.
Bowers, Frank, assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,624,576; Apr. 12.
Bowman, John G., assignor of one-half to W. C. Haseltine, Kansas City, Mo. Lining for brake bands and shoes. 1,624,035; Apr. 12.
Bowser, S. F., and Company. (See Fries, Jalmar W. G., assignor.)
Boyd, Harold A. (See Boyd, Thomas A. and H. A.)
Boyd, Thomas A. and H. A., Glasgow, Scotland. Spindle of spinning, twisting, and like frames. 1,624,713; Apr. 12.
Brainin, Clement S., Glen Ridge, N. J., assignor to Baker & Company, Inc. Alloy. 1,624,857; Apr. 12.
Bratton, John N., and W. N. Bryant, Chase City, Va. Shook-sorting machine. 1,624,389; Apr. 12.
Brett, William P., Decatur, Ill. Pumping mechanism. 1,624,527; Apr. 12.
Brett, William P., Decatur, Ill. Deep-well pumping mechanism. 1,624,577; Apr. 12.
Brewster, Percy D., East Orange, N. J., assignor to Wyko Projector Corporation. Film projector. 1,624,156; Apr. 12.
Bridgeport Brass Company. (See Brown, G. A., and Dennison, assignors.)
Bridgeport Brass Company. (See Robinson, Thomas T., assignor.)
Briggs Manufacturing Company. (See Maise, Herman C., assignor.)
Briggs Manufacturing Company. (See Marshall, William, assignor.)
Briggs Manufacturing Company. (See Westrope, Fred J., assignor.)

Bristol, Edgar H., assignor to The Foxboro Company, Foxboro, Mass. Measuring and controlling instrument. 1,624,887; Apr. 12.
Brittain, Richard J., jr., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Gauge. 1,624,654; Apr. 12.
Broome, William J., Los Angeles, Calif., assignor to Kunkel Stamping & Manufacturing Co. Folding bed. 1,624,807; Apr. 12.
Brown, Allan V. (See Thompson, Theodore, assignor.)
Brown, Archie E., El Paso, Tex. Cotton picker. 1,624,308; Apr. 12.
Brown Engineering Corporation. (See Brown, James W., assignor.)
Brown, George A., and F. G. Dennison, assignors to Bridgeport Brass Company, Bridgeport, Conn. Pump. 1,624,209; Apr. 12.
Brown, George E., Los Angeles, Calif. Game board. 1,624,469; Apr. 12.
Brown, James W., assignor to Brown Engineering Corporation, Minneapolis, Minn. Gas-control appliance. 1,624,132; Apr. 12.
Brown, Oscar H., Salem, assignor to The Turner Tanning Machinery Company, Peabody, Mass. Work support for leather-working machines. 1,624,309; Apr. 12.
Brown, Sidney G., North Acton, England. Production or reproduction of sound or like vibrations. 1,624,823; Apr. 12.
Brown, Stewart, et al. (See Wood, Joseph E., assignor.)
Brown, William E., Sacramento, Calif. Cuspidor cover. 1,624,824; Apr. 12.
Brown, William T. S., East Point, Ga. Fastener for containers. 1,624,825; Apr. 12.
Bruce, Alfred W., New York, N. Y. Locomotive boiler. 1,624,655; Apr. 12.
Bruce, William E., Mirando City, Tex. Fertilizer distributor. 1,624,210; Apr. 12.
Brune, Edward H., St. Louis, Mo. Magnetic separator. 1,624,528; Apr. 12.
Bryan, Benjamin B., jr., New York, N. Y. Utilizing the surplus energy exerted in operating revolving doors, turnstiles, and the like. 1,624,656; Apr. 12.
Bryant, Walter N. (See Bratton, J. N., and Bryant.)
Bryant, William L., Springfield, Vt. Multispindle internal-grinding machine. 1,624,211; Apr. 12.
Buchsbaum, Herbert. (See Buchsbaum, Samuel and H.)
Buchsbaum, Samuel and H., Chicago, Ill. Vanity box. 1,623,994; Apr. 12.
Buckle, Horace L. T., Yiewsley, England, assignor to Victor Talking Machine Company. Sound-reproducing machine. 1,624,578; Apr. 12.
Buckley, Oliver E., Maplewood, N. J.; assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling conductor system and method of operation. 1,624,470; Apr. 12.
Buckthorpe, Frederick T., and A. Barter, London, England. Box, cigarette, and like case. 1,624,858; Apr. 12.
Budd Wheel Company. (See Nelson, Emil A., assignor.)
Buel, Hillhouse, Seattle, Wash., assignor of one-half to W. P. Hammond, Scarsdale, N. Y. Forming articles from comminuted material. 1,624,471; Apr. 12.
Buescher, Ferdinand A., Elkhart, Ind. Slide trombone. 1,624,310; Apr. 12.
Buffington, George L., and E. H. Hopson, assignors to Ex-Cell-O Tool & Manufacturing Co., Detroit, Mich. Rotary motor. 1,624,529; Apr. 12.
Bulley, George W., assignor to The Miller Rubber Company, Akron, Ohio. System of making treads. 1,624,826; Apr. 12.
Bullock, Calvin, Denver, Colo. Trunk. 1,624,714; Apr. 12.
Bunce, Robert M., Portland Oreg., assignor to Hancock Bros., San Francisco, Calif. Baggage-check holder. 1,624,472; Apr. 12.
Bunker, John W. M., Belmont, assignor to American Protein Corporation, Boston, Mass. Producing an edible protein product. 1,624,036; Apr. 12.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 72,404; Apr. 12.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 72,405; Apr. 12.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 72,406; Apr. 12.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 72,407; Apr. 12.
Burdick, Charles L., London, and J. D. Whiteman, Wallington, England. Liquid-forcing apparatus. 1,624,827; Apr. 12.
Burge, Henry O., executor. (See Mitchell, Alfred H.)
Burke Electric Company. (See Stoeltzlen, Charles L., assignor.)
Burkholder, John C., West End, N. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,624,579; Apr. 12.
Burnett, John P., assignor to Automatic Motion Picture Display Co., Chicago, Ill. Continuous moving-picture machine. 1,624,580; Apr. 12.
Burtis, Ira E. (See Kings, Thomas W., assignor.)
Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,624,581; Apr. 12.
Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,624,582; Apr. 12.
Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,624,583; Apr. 12.
Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,624,584; Apr. 12.
Burton, Leroy E. (See Dempsey, J. E., and Burton.)
Bush, George B. (See Hoff, H. J., and Bush.)
Busch-Sulzer Bros.-Diesel Engine Company. (See Hawks, Arthur S., assignor.)
Buschmann, Theodor E., Chemnitz-Kappel, assignor to Wanderer-Werke, vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau, near Chemnitz, Saxony, Germany. Apparatus for driving typewriters provided with calculating mechanism. 1,623,995; Apr. 12.
Bushong, Grover C., Whittier, Calif. Tubing bleeder. 1,624,811; Apr. 12.
Butcher, John P., Canton, Ohio. Collapsible crate. 1,624,212; Apr. 12.
Butler, Edward A., Buffalo, assignor to Colloidal Equipment Corporation, New York, N. Y. Apparatus for deflocculating and emulsifying. 1,624,037; Apr. 12.
Buxton, Inc. (See Buxton, Warner R., assignor.)
Buxton, Warner R., Longmeadow, assignor to Buxton, Incorporated, Springfield, Mass. Key case. 1,623,959; Apr. 12.
Byerlein, Arthur A., assignor to The Toledo Machine and Tool Company, Toledo, Ohio. Drawing press. 1,623,960; Apr. 12.
Cabot, Samuel, Inc. (See Abbott, Charles M., assignor.)
California Card Manufacturing Company. (See Young, Julius, assignor.)
California Cyanide Company. (See Poindexter, R. W., and Dolley, assignors.)
Cameron Can Machinery Company. (See Cameron, William, assignor.)
Cameron, William, assignor to Cameron Can Machinery Company, Chicago, Ill. Can-body-making machine. 1,624,213; Apr. 12.
Caminita, Santi, St. Louis, Mo. Automobile direction signal switch. 1,624,828; Apr. 12.
Cannon Electric Development Company. (See Cannon, James H., assignor.)
Cannon, James H., assignor to Cannon Electric Development Company, Los Angeles, Calif. Broiler. 1,624,214; Apr. 12.
Carlson, Anthony E., Los Angeles, Calif. Rock drill. 1,624,312; Apr. 12.
Carlson, Peet, Manor, Tex. Cotton harvester. 1,624,313; Apr. 12.
Carothers, Robert M., Schenectady, N. Y., assignor to General Electric Company. Regulating system. 1,624,715; Apr. 12.
Carpenter, Carroll E. (See Little, A. D., and Carpenter.)
Carroll, Charles P. (See Carroll, James O., assignor.)
Carroll, James O., Pittsfield, Ill., assignor of fifty-one per cent to C. P. Carroll, Kansas City, Mo. Baling-wire tier. 1,624,157; Apr. 12.
Carter, Alva J., assignor to Carter Radio Company, Chicago, Ill. Rheostat. 1,624,038; Apr. 12.
Carter, Philip S., New Brunswick, N. J., assignor to Radio Corporation of America. Radio transmission system. 1,623,996; Apr. 12.
Carter Radio Company. (See Carter, Alva J., assignor.)
Carter, Ray M., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Making ester condensation products. Re16,591; Apr. 12.
Caruso, Romeo O., assignor of one-third to D. Mastrolia and one-third to A. F. Ferrainolo, Reading Pa. Screw driver. 1,624,530; Apr. 12.
Cary Manufacturing Company. (See Cary, Spencer C., assignor.)
Cary, Spencer C., Brooklyn, assignor to Cary Manufacturing Company, New York, N. Y. Wire tie for bundles of various kinds. 1,624,531; Apr. 12.
Case Research Laboratory Incorporated. (See Case, Theodore W., assignor.)
Case, Theodore W., assignor to Case Research Laboratory Incorporated, Auburn, N. Y. Electrical apparatus. 1,624,314; Apr. 12.
Cassel, John K., Ainsworth, Nebr. File jacket. 1,624,776; Apr. 12.
Castleton, W. E. (See Dawn, Richard W., assignor.)
Castricum, Martin, Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Cord-guiding device. 1,624,532; Apr. 12.
Castricum, Martin, Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Cord-guiding device. 1,624,533; Apr. 12.
Catlin, Joseph P., Bridgeport, Conn., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Casting curved and flat stereotype plates. 1,623,997; Apr. 12.
Caudle, Thomas W., Dayton, Tenn. Dry-pipe valve. 1,624,315; Apr. 12.
Cavin, Walter H. (See Van Sickle, D. L., and Cavin.)
Central Alloy Steel Corporation. (See Orr, William S., assignor.)
Central Alloy Steel Corporation. (See Schlafly, Julius H., assignor.)
Central Trust Company of Illinois et al., trustees. (See Speer, Alexander S., assignor.)
Cerbo, Ferdinando, Providence, R. I. Urethoscope. 1,624,716; Apr. 12.

Chaney, Newcomb K. (See Heise, G. W., Thompson, and Chaney.)
Charpentier, Paul, assignor to Forges & Ateliers de Constructions Electriques de Jeumont, Societe Anonyme, Paris, France. Electrical control system. 1,624,158; Apr. 12.
Chase, Herbert C., assignor to Atwood Machine Company, Stonington, Conn. Reel mill. 1,624,585; Apr. 12.
Chellis, Lawrence T., Corvallis, Oreg. Sleeve-pressing form. 1,624,777; Apr. 12.
Cheney, Charles W., Boston, Mass. Massage appliance. 1,624,133; Apr. 12.
Cheney, Charles W., Birmingham, England. Fastening for attaché cases, boxes, bags, and such like. 1,624,859; Apr. 12.
Cherry, J. G., Company. (See Bagby, Ralph B., assignor.)
Chewning, James A., Sikeston, Mo. Window screen. 1,624,534; Apr. 12.
Chicago Electric Manufacturing Co. (See Gough, James J., assignor.)
Chicago Fire Brick Company. (See Abbott, Lyle S., assignor.)
Chicago Pneumatic Tool Company. (See Penberthy, Ernest, assignor.)
Chicago Railway Equipment Company. (See Rissler, Albin P., assignor.)
Christians, Christian B., jr., San Antonio, Tex. Road-repairing machine. 1,624,390; Apr. 12.
Christianson, Christ A., Ulen, Minn. Stair square. 1,624,535; Apr. 12.
Christopher, Arthur J., assignor to Western Electric Company, Incorporated, New York, N. Y. Inductance device. 1,624,536; Apr. 12.
Chritton, George A., et al., trustees. (See Curtis, Lewis E., assignor.)
Clark, Edgar H., Richmond Hill, assignor to Western Electric Company, Incorporated, New York, N. Y. Testing device for testing register senders. 1,624,540; Apr. 12.
Clark, George H., Brooklyn, N. Y., assignor to Radio Corporation of America. Radio signaling system. 1,624,215; Apr. 12.
Claus, Carl, Plainfield, assignor to Bound Brook Oil-Less Bearing Company, Boundbrook, N. J. Method of and apparatus for forming bodies by pressure. 1,624,904; Apr. 12.
Clausen, Henry P., Mamaroneck, assignor to Western Electric Company, Incorporated, New York, N. Y. Electric switch. 1,624,391; Apr. 12.
Cleary, William F., Hawthorne, N. J., and W. J. Wagener, New York, N. Y. Electrical heater for the air-supply pipes of carburetors. 1,624,216; Apr. 12.
Clement, Lewis M., assignor to Western Electric Company, Incorporated, New York, N. Y. High-frequency signaling system. 1,624,473; Apr. 12.
Cleveland Crane and Engineering Company, The. (See Bennington, Earl T., assignor.)
Cleverly, Edwin G., London, England. Fixing for rods, poles, and the like. 1,624,392; Apr. 12.
Clipperton, John H., Windom, Minn. Grass and weed destroyer. 1,624,474; Apr. 12.
Clokey, Allison A., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 1,624,393; Apr. 12.
Coats, Henry B. (See Holmes, A. W., Jaques, and Coats.)
Cocks, Harry J., Des Moines, Iowa. Fender brace. 1,624,860; Apr. 12.
Coe, Leonard F., Veradale, Wash. Flying machine. 1,624,475; Apr. 12.
Colbert, Charles C., and G. E. Preston, assignors to American Coating Mills, Elkhart, Ind. Coated paper board. 1,624,091; Apr. 12.
Coleman, John, Lakewood, Ohio, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Liquids-separating device. 1,624,092; Apr. 12.
Colloidal Equipment Corporation. (See Butler, Edward A., assignor.)
Colpitts, Edwin H., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Oscillation generator. 1,624,537; Apr. 12.
Combintaion Machine Company. (See Thom, James C., assignor.)
Constant, Louis H. (See McEntee, B. C., and Constant.)
Continental Optical Corporation. (See Devine, Edward P., assignor.)
Cook, Charles L., assignor to C. Lee Cook Manufacturing Company, Louisville, Ky. Piston packing. 1,624,159; Apr. 12.
Cook, C. Lee, Manufacturing Company. (See Cook, Charles L., assignor.)
Cook, Harris J., assignor to The Stanley Works, New Britain, Conn. Work rest. 1,624,888; Apr. 12.
Cook, Stanley S. (See Parsons, C. A., and Cook.)
Cooke, Hereward L., Princeton, N. J., assignor to Cooke Patents Incorporated, New York, N. Y. Photographic shutter. 1,623,998; Apr. 12.
Cooke Patents Incorporated. (See Cooke, Hereward L., assignor.)
Cope, Frank T., assignor to The Electric Furnace Company, Salem, Ohio. Electric furnace. 1,624,217; Apr. 12.
Copland, Alexander W., Detroit, Mich. Dough-depositing machine. 1,624,316; Apr. 12.
Cord Tire Machine Company, The. (See Morris, Howard L., assignor.)
Cossey, John C. G. (See Mitchell, J., and Cossey.)
Couch, Frederick F., New Brunswick, assignor to Federated Engineers Development Corporation, Jersey City, N. J. Valve. 1,624,218; Apr. 12.
Cowdrey, Charles F., Fitchburg, assignor to Muther Manufacturing Company, Boston, Mass. Brake-testing instrument. 1,624,219; Apr. 12.
Craig, Robert, Dayton, Ohio. Hydraulic press. 1,624,160; Apr. 12.
Crain, Harry G., assignor of one-half to J. P. Lair, Canisteo, N. Y. Magnetic stencil and work holder. 1,624,538; Apr. 12.
Cremo, Aristide L. N., and A. J. Gordon, assignors of one-third to J. E. Gaynor, Attleboro, Mass. Electric time switch for automobile lights. 1,624,539; Apr. 12.
Cresson-Morris Company. (See Stone, Edward N., assignor.)
Cribben & Sexton Company. (See Harter, Augustus F., assignor.)
Crocker-Wheeler Electric Manufacturing Company. (See Spencer, Millard C., assignor.)
Crompton Company. (See Nichols, John F., assignor.)
Cronk, David J., Poughkeepsie, N. Y. Netting handler. 1,624,394; Apr. 12.
Cross Paper Feeder Company. (See Hallstream, Henning, assignor.)
Cross, Roy, Kansas City, Mo., assignor to Gasoline Products Company, New York, N. Y. Process and apparatus for converting petroleum hydrocarbons. 1,624,778; Apr. 12.
Cross, Walter M., Kansas City, Mo., assignor, by mesne assignments, to Gasoline Products Company. Method of treating hydrocarbons. 1,624,889; Apr. 12.
Crownover, Charles E., Yakima, Wash. Irrigation hydrant. 1,624,317; Apr. 12.
Cummings, George C., Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Contact device. 1,624,476; Apr. 12.
Curtis, Austen M., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,624,395; Apr. 12.
Curtis, Austen M., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Submarine signaling system. 1,624,396; Apr. 12.
Curtis, Lewis E., Warren, Ohio, assignor, by mesne assignments, to A. C. Paul, Minneapolis, Minn., and G. A. Chritton, River Forest, Ill., trustees. Corner bead. 1,624,541; Apr. 12.
Curtis, Lewis E., Milwaukee, Wis., assignor, by mesne assignments, to A. C. Paul, Minneapolis, Minn., and G. A. Chritton, River Forest, Ill., trustees. Apparatus for expanding metal corner beads. 1,624,542; Apr. 12.
Curtis, Lewis E., Milwaukee, Wis., assignor, by mesne assignments, to A. C. Paul, Minneapolis, Minn., and G. A. Chritton, River Forest, Ill., trustees. Apparatus for expanding metal lath. 1,624,543; Apr. 12.
Cyclo Corporation. (See Honig, Frank, assignor.)
Czakó, László, Budapest, Hungary. Holding films in spaced coil forms. 1,624,586; Apr. 12.
Dahne, Harry. (See Weistock, A. E., and Dahne.)
Dalton Adding Machine Company, The. (See Landsiedel, Harry, assignor.)
Dalton, Michael P. (See Owen, T. M., and Dalton.)
Dalzell, John P. (See Lowe, Harry W., assignor.)
Dana, Leslie, St. Louis, Mo. Automatic regulator. 1,624,039; Apr. 12.
Davidson, James L., Los Angeles, Calif. Support. 1,624,657; Apr. 12.
Davis, Augustine, jr., Cincinnati, Ohio. Measuring bucket or vessel. 1,624,477; Apr. 12.
Davis, David C., Chester, Pa., assignor to Westinghouse Electric and Manufacturing Company. Auto-stop governor. 1,624,093; Apr. 12.
Davis Lumber Co., The. (See Hall, Bernard E., assignor.)
Davis, Norris K., San Francisco, Calif. Apparatus for treating fiber-bearing materials. 1,624,717; Apr. 12.
Dawn, Richard W., assignor to W. E. Castleton, Deer Lodge, Mont. Attachment for steam boards. 1,624,829; Apr. 12.
Day, Jacob, Duluth, Minn. Spirit level. 1,624,161; Apr. 12.
Day, Salisbury M., Rochester, N. Y., assignor to General Railway Signal Company, Gates, N. Y. Universal A. C. relay. 1,624,478; Apr. 12.
De Boer, Jan H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Converting hafnium and zirconium phosphates. 1,624,162; Apr. 12.
De Camp, Alfred J. (See De Camp, Louis C. and A. J.)
De Camp, Louis C. and A. J., Molina, Colo. Measuring tape. 1,624,779; Apr. 12.
Decot, Theodore, Sauk City, Wis. Siren. 1,624,587; Apr. 12.
Degener, Gustavo O., Brooklyn, assignor to Royal Typewriter Company, Inc., New York, N. Y. Adding attachment for typewriting machines. 1,624,318; Apr. 12.
Degener, Gustave O., Brooklyn, assignor to Royal Typewriter Company, Inc., New York, N. Y. Adding attachment for typewriting machines. 1,624,819; Apr. 12.
De Graaf, Martin. (See Sealock, J. W., and De Graaf.)
Demmer, George, Herndon, Kans. Butcher's gambrel. 1,624,320; Apr. 12.
Delahanty, Harland K., et al. (See Wood, Joseph E., assignor.)

Delaize, Paul C., New York, N. Y. Box or similar container. Des. 72,408; Apr. 12.
Delaize, Paul C., New York, N. Y. Box or similar container. Des. 72,409; Apr. 12.
Delaize, Paul C., New York, N. Y. Bottle or similar container. Des. 72,410; Apr. 12.
Delaize, Paul C., New York, N. Y. Bottle or similar container. Des. 72,411; Apr. 12.
Delany, Edward L., Brooklyn, N. Y. Mixing valve. 1,624,479; Apr. 12.
Delco-Remy Corporation. (See Norviel, Harry E., assignor.)
De Luca, Francisco, Santiago de Chile, Chile. Wheel. 1,624,780; Apr. 12.
Dempsey, James E., and L. E. Burton, Johnston City, Ill. Corn popper. 1,624,040; Apr. 12.
Dennis, Welcome C., Oakland, Calif. Ship governor. 624,718; Apr. 12.
Dennison, Frank G. (See Brown, G. A., and Dennison.)
Dequer, John H., Los Angeles, Calif. Electromagnetic therapeutic-compress-heating appliance. 1,624,397; Apr. 12.
Derrick, John P., Carmine, Tex. Plowing device. 1,624,041; Apr. 12.
Des Allimes, Carlos, Jerez de la Frontera, Spain. Sporting cartridge. 1,624,649; Apr. 12.
Desautels, Charles H., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Fabric-feeding device for bead-wire-covering machines. 1,624,544; Apr. 12.
Deutsch, David. (See Dunnagan, Albert L., assignor.)
Devine, Edward P., Indianapolis, Ind., assignor, by mesne assignments, to Continental Optical Corporation, New York, N. Y. Lens-grinding machine. 1,624,658; Apr. 12.
Dewey, John, Perry, N. Y. Antikicking device. 1,624,861 Apr. 12.
Diamond Chain and Manufacturing Company. (See Kottlowski, Clarence P., assignor.)
Diamond Power Specialty Corporation. (See Bowers, Frank, assignor.)
Dickinson, Herbert. (See Lamont, John W. F., and Dickinson.)
Dickinson, Merian H., Seattle, Wash., assignor to Lidgerwood Manufacturing Company, New York, N. Y. Hoisting and conveying device. 1,624,545; Apr. 12.
Dictaphone Corporation. (See Lucarelle, J. M., and Frykman, assignors.)
Dieges, Charles J., Brooklyn, assignor to Dieges & Clust, New York, N. Y. Ring. Des. 72,412; Apr. 12.
Dieges & Clust. (See Dieges, Charles J., assignor.)
Dietze, Eginhard. (See McKown, F. W., and Dietze.)
Dinhofer, Julius, New York, N. Y. Watchcase. Des. 72,413; Apr. 12.
Dinhofer, Julius, New York, N. Y. Watchcase. Des. 72,414; Apr. 12.
Dinhofer, Julius, New York, N. Y. Watchcase. Des. 72,415; Apr. 12.
Dinhofer, Julius, New York, N. Y. Watchcase. Des. 72,416; Apr. 12.
Dixon, Paul, Atlanta, Ga. Card protector. 1,624,719; Apr. 12.
Dodelin, Emil A. (See Shetzline, S. R., jr., and Dodelin.)
Dodds, Samuel R., Pittsburgh, Pa. Differential driving mechanism. 1,624,589; Apr. 12.
Dodge, Adiel Y., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake-drum oil guard. 1,624,220; Apr. 12.
Doherty Research Company. (See Bjerregaard, August P., assignor.)
Dolbear, Samuel H., San Francisco, Calif., and B. L. Eastman, New York, N. Y., assignor, by mesne assignments, to Selective Treatment Company Limited, Montreal, Canada. Classifying crushed ore and the like. 1,624,134; Apr. 12.
Dolbear, Samuel H., and V. Zachert, San Francisco, Calif., assignor, by mesne assignments, to Selective Treatment Company Limited, Montreal, Canada. Concentrating fibrous materials. 1,624,163; Apr. 12.
D'Oller, William L., Philadelphia, Pa. Screen-cleaning apparatus. 1,624,221; Apr. 12.
Dolley, Paul T. (See Poindexter, R. W., and Dolley.)
Dormann, August, jr., et al. (See Wilson, John H., assignor.)
Doolan, James F. Manufacturing Corporation. (See Smith, Arthur J., assignor.)
Dornier, Claudius, Friedrichshafen-on-the-Bodensee, Germany, assignor to Firm Zeppelinwerk Lindau, Gesellschaft mit beschränkter Haftung, Lindau-Reutin, Germany. Landing gear for flying machines. 1,623,961; Apr. 12.
Dox, Arthur W., Windsor, Ontario, Canada, assignor to Parke Davis & Company, Detroit, Mich. Ethyl-normal-hexyl-barbituric acid. 1,624,546; Apr. 12.
Dreyer, Bruno W., Chicago, Ill. Folding seat for window cleaning. 1,623,962; Apr. 12.
Dritz, Arthur M., New York, N. Y. Racket string. 1,624,720; Apr. 12.
Dubin, Harry E., assignor, by mesne assignments, to H. A. Metz Laboratories, Inc., New York, N. Y. Edible-fat composition. 1,624,164; Apr. 12.
Duggins, Charles F., Richmond, Va. Radiator cover. 1,624,042; Apr. 12.
Duke, Charles A., New York, N. Y. Knockdown stand. 1,624,721; Apr. 12.
Duke, Charles A., New York, N. Y. Knockdown stand. 1,624,722; Apr. 12.
Dunn, James P., San Francisco, Calif. Shoe-shining cabinet. 1,624,480; Apr. 12.
Dunnagan, Albert L., Waco, Tex., assignor to D. Deutsch, New York, N. Y. Insect destroyer. 1,624,321; Apr. 12.
Dunlap, Frederick L., Chicago, Ill., and N. T. Ewer, Swarthmore, Pa., assignors to Amdyco Corporation, New York, N. Y. Fire-extinguishing composition. 1,624,398; Apr. 12.
Duplex Motor Company. (See Norwick, H. A., and Marchetti, assignor.)
Du Pont, E. I., de Nemours & Company. (See Elley, Harold W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Elley, H. W., and Powers, assignors.)
Duquenne, Camille, Paris, France. Steam generator. 1,624,481; Apr. 12.
Dura Company, The. (See Graff, George, assignor.)
Durand, Eugène H. M. E., Paris, France. Circular-knitting machine. 1,624,482; Apr. 12.
Duval, William J., assignor to Smith & Davis Mfg. Co., St. Louis, Mo. Metal folding bed. 1,624,222; Apr. 12.
Dye, Glen M., Minneapolis, Minn. Method and apparatus for handling photoprints. 1,624,781; Apr. 12.
Eakin, Willard D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Festooning rack. 1,624,223; Apr. 12.
Easterlin, Douglas L., assignor to Lincoln Rubber Key Company, New York, N. Y. Apparatus for making caps for typewriter keys and the like. 1,624,224; Apr. 12.
Eastman, Byron L. (See Dolbear, S. H., and Eastman.)
Economy Products Corporation. (See Voight, George F., assignor.)
Economy Vaporizer Company. (See May, Harry E., assignor.)
Electric Furnace Company, The. (See Cope, Frank T., assignor.)
Elevator Company of America. (See Rice, Joseph, assignor.)
Ellenbecker, John P., assignor to Granite City Electric Company, St. Cloud, Minn. Controlling switch. 1,624,483; Apr. 12.
Elley, Harold W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber composition and preparing same. 1,624,724; Apr. 12.
Elley, Harold W., and D. H. Powers, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization accelerator and making same. 1,624,723; Apr. 12.
Elliot, John T., Irvington, N. J., assignor to M. Weiss Corporation. Table. 1,624,862; Apr. 12.
Elliott, Albert G. (See Royce, F. H., and Elliott.)
Elliott Core Drilling Company. (See Oliver, Fay, assignor.)
Ellis, Walter R., Wilkinson, Pa., assignor to Westinghouse Electric & Manufacturing Company. Clamping device. 1,624,399; Apr. 12.
Elters, William S., assignor to The Gem City Sheet Metal Company, Dayton, Ohio. Register hood. 1,624,225; Apr. 12.
Elters, William S., assignor to The Gem City Sheet Metal Company, Dayton, Ohio. Register hood. 1,624,226; Apr. 12.
Emerson, Alfred C., Omaha, Nebr. Oil burner. 1,624,165; Apr. 12.
Emerson Drug Company. (See Hindes, Joseph F., assignor.)
Emeley, Reuben F., Rocky River, Ohio. Container. 1,624,830; Apr. 12.
Enderes, Ernst, Albert Lea, Minn. Auxiliary reflector for automobile headlights. 1,624,166; Apr. 12.
England, Frank W. (See Olson, C. G., and England.)
Engleman, Charles W., Abilene, Kans. Fuse. 1,624,322; Apr. 12.
Erickson, Carl O., St. Paul, Minn. Carburetor-manifold heater. 1,624,863; Apr. 12.
Eriksson, Erik O., Lidingo-Brevik, assignor to Aktiebolaget Ljungströms Angturbin, Lidingo-Brevik, Sweden. Condenser for locomotives. 1,624,782; Apr. 12.
Essmann, Heinrich A., Altona-Ottenson, assignor to the Firm Ottensener Waagenfabrik Albert Essmann & Co., Altona, Germany. Weighing scale. 1,624,588; Apr. 12.
Evans Case Co. (See Radley, Samuel S., assignor.)
Evans, Robert D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Balance indicator. 1,624,484; Apr. 12.
Ewer, Nathaniel T. (See Dunlap, F. L., and Ewer.)
Ex-Cell-O Tool & Manufacturing Co. (See Buffington, G. L., and Hopson, assignors.)
Eynon, Thomas M., Philadelphia, Pa. Liquid-level indicator. 1,624,659; Apr. 12.
Fahrenwald, Frank A., Chicago, Ill. Furnace. 1,624,043; Apr. 12.
Famous Players-Lasky Corporation. (See Garbutt, Frank E., assignor.)
Farabee, Henry E. (See Fraser, John J., assignor.)

Farrand, Clair L., Forest Hills, N. Y., E. Ross, East Orange, and P. F. Godley, Upper Montclair, N. J.; said Ross and said Godley assignors to Farrand Mfg. Co. Inc., Long Island City, N. Y. Loud speaker. Des. 72,417; Apr. 12.
Farrand Mfg. Co. Inc. (See Farrand, C. L., Ross, and Godley, assignors.)
Federated Engineers Development Corporation. (See Couch, Frederick F., assignor.)
Feldmann, William, Chicago, Ill. Binder. 1,624,660; Apr. 12.
Fenton, Frank, assignor to The Miller Rubber Company, Akron, Ohio. Treating cured inner tubes for pneumatic tires. 1,624,725; Apr. 12.
Ferodo Limited. (See Frood, Herbert, assignor.)
Ferrainolo, Albert F., et al. (See Caruso, Romeo O., assignor.)
Ferrara, Louis, Brooklyn, N. Y. Sandpaper and rubbing machine. 1,624,400; Apr. 12.
Ferrari, Climaco, Newark, N. J. Safety gas valve. 1,624,044; Apr. 12.
Ferris, Howard J., Harvard, Ill., assignor to Hunt, Helm, Ferris & Company. Pipe protector. 1,624,485; Apr. 12.
Fetter, Charles H. (See Strieby, M. E., and Fetter.)
Fibroc Insulation Company. (See Frederick, Louis T., assignor.)
Fidelity Machine Company. (See Larkin, Walter, assignor.)
Fischer, Joseph B., Chicago, Ill. Balloting system and the like. 1,624,045; Apr. 12.
Fisher, Alfred B., New York, N. Y. Polishing composition. 1,624,783; Apr. 12.
Fisher, James B., assignor to Waukesha Motor Company, Waukesha, Wis. Governor control. 1,624,227; Apr. 12.
Fisk Rubber Company, The. (See Castricum, Martin, assignor.)
Fisk Rubber Company, The. (See Desautels, Charles H., assignor.)
Fisk Rubber Company, The. (See Midgley, Thomas, assignor.)
Fleming, Edward E., Hagerstown, Md. Envelope opener. 1,624,590; Apr. 12.
Fleming, Rives, Richmond, Va. Cane. 1,624,501; Apr. 12.
Fletcher, Harvey, New York, N. Y., and L. J. Sivian, Bloomfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Binaural telephone system. 1,624,486; Apr. 12.
Fletcher, Otho H., and J. A. Tenney, Queens, W. Va. Saw-sharpening machine. 1,624,864; Apr. 12.
Flowers, Henry F., Findlay, Ohio. Dumping device. 1,624,323; Apr. 12.
Fluor, John S., Santa Ana, Calif. Atmospheric cooling tower. 1,624,324; Apr. 12.
Flürscheim, Bernhard J., Fleet, England. Brisant explosive. 1,624,401; Apr. 12.
Foersterling, Hans, Jamesburg, N. J. Making air gas. 1,624,046; Apr. 12.
Foisy, George A., Lowell, Mass., assignor, by mesne assignments, to Winchester Repeating Arms Company, New Haven, Conn. Heat-interchange apparatus. 1,624,487; Apr 12.
Folino, Arminio, Rochester, N. Y. Bridge construction. 1,624,325; Apr. 12.
Ford, George L., Java, Va. Dibble. 1,624,488; Apr. 12.
Ford, Henry, Dearborn, Mich. Crank-shaft formation. 1,624,228; Apr. 12.
Ford, Henry, Dearborn, Mich. Manifold construction for internal-combustion engines. 1,624,229; Apr. 12.
Foresman, Robert A., Moore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Refuse-discharge mechanism. 1,624,661; Apr. 12.
Forges & Ateliers de Constructions Electriques de Jeumont, Societe Anonyme. (See Charpentier, Paul, assignor.)
Forshee, Frank F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electrical heating apparatus. 1,624,402; Apr. 12.
Foster, Charles E., Letchworth, England. Electrical measuring instrument. 1,624,135; Apr. 12.
Foulds, Charles Y. (See Hutchinson, E. C., and Foulds.)
Foxboro, Company, The. (See Bristol, Edgar H., assignor.)
Franklin, H. H., Manufacturing Company. (See Wilkinson, John, assignor.)
Fraser, John J., assignor of 45 per cent to H. E. Farabee, Camden, Ark. Safe control and signal for pump-operating mechanism. 1,624,784; Apr. 12.
Frazier, John W., assignor to Uvalde Rock Asphalt Company, San Antonio, Tex. Treating rock asphalt for shipment and laying. 1,624,403; Apr. 12.
Frederick, Louis T., assignor to Fibroc Insulation Company, Valparaiso, Ind. Machine for and method of applying varnish to sheets of fibrous material. 1,624,094; Apr. 12.
Frederickson, Otto A., Wethersfield, assignor to The American Wiremold Company, Hartford, Conn. Electric-bracket outlet. 1,624,547; Apr. 12.
Freel, Francis E., Niles, Ohio. Tank-car-cleaning device. 1,624,865; Apr. 12.
Freeman, Louis G., Cincinnati, Ohio. Shank-beating and stitch-rubbing machine. 1,624,326; Apr. 12.
Freiberg-Simrall Company, The. (See Utz, Louis F., assignor.)
Frese, Fredrick W., Spokane, Wash. Internal-combustion engine. 1,624,404; Apr. 12.
Friedman, Benjamin, New York, N. Y. Needle mounting for hypodermic syringes. 1,624,327; Apr. 12.
Fries, Jalmar W. G., assignor to S. F. Bowser and Company, Incorporated, Fort Wayne, Ind. Meter. 1,624,095; Apr. 12.
Frood, Herbert, assignor to Ferodo Limited, Chapel-en-le-Frith, England. Stair tread. 1,624,405; Apr. 12.
Frushour, James R., Andrews, Ind. Automobile heater. 1,623,963; Apr. 12.
Frykman, Victor L. (See Lucarelle, J. M., and Frykman.)
Fuchs, David G., Pittsburgh, Pa. Spark plug. 1,624,785; Apr. 12.
G. & G. Atlas Systems, Inc. (See Stoetzel, Joseph J., assignor.)
Gaidies, Georg. (See Rüttenauer, A., and Gaidies.)
Gaisman, Henry J., New York, N. Y., assignor to Autostrop Patents Corporation, Dover, Del. Razor-stropping means. 1,624,328; Apr. 12.
Galion Iron Works & Mfg. Co., The. (See Arndt, Franklin E., assignor.)
Gallagher, George D., Phoenix, Ariz., assignor, by mesne assignments, of part interests to N. F. Hoose and R. B. Walten, Baltimore, Md., C. F. Moore, Washington, D. C., and J. M. Matthews, Baltimore County, Md. Blade-stropping device. 1,624,592; Apr. 12.
Gallagher, George D., Washington, D. C., assignor, by mesne assignments, of part interests to N. F. Hoose and R. B. Walten, Baltimore, Md., C. F. Moore, Washington, D. C., and J. M. Matthews, Baltimore County, Md. Safety-razor-blade stropper. 1,624,593; Apr. 12.
Garbutt, Frank E., Los Angeles, Calif., assignor to Famous Players-Lasky Corporation, New York, N. Y. Universal panoramic tripod. 1,624,096; Apr. 12.
Garcia, Marcelino Y., New York, N. Y. Cross game device. 1,624,167; Apr. 12.
Gardner, John E., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,624,329; Apr. 12.
Gasoline Products Company. (See Cross, Roy, assignor.)
Gasoline Products Company. (See Cross, Walter M., assignor.)
Gasoline Products Company. (See Snelling, Walter O., assignor.)
Gaynor, Joseph E. (See Cremo, A. L. N., and Gordon, assignors.)
Geddes, David, Guadalajara, Jalisco, Mexico. Grain washing and drying machine. 1,624,831; Apr. 12.
Geldhof, Peter E., Syracuse, assignor, by mesne assignments, to United States Hoffman Machinery Corporation, New York, N. Y. Garment press. 1,624,726; Apr. 12.
Gem City Sheet Metal Company, The. (See Elters, William S., assignor.)
General Electric Company. (See Batchelder, Asa F., assignor.)
General Electric Company. (See Carothers, Robert M., assignor.)
General Electric Company. (See Graf, Georg, assignor.)
General Electric Company. (See Hilliard, John D., assignor.)
General Electric Company. (See Hutt, Leonard P., assignor.)
General Electric Company. (See Rüttenauer, A. and Gaidies, assignors.)
General Electric Company. (See Wayringer, Henry A., assignor.)
General Motors Corporation. (See Brittain, Richard J., jr., assignor.)
General Motors Research Corporation. (See Kettering, Charles F., assignor.)
General Railway Signal Company. (See Day, Salisbury M., assignor.)
General Zeolite Company. (See Behrman, Abraham S., assignor.)
Gensmer, Theodore, Portland, Oreg., assignor to Automatic Transmission Company. Automatic change-speed transmission apparatus. 1,624,097; Apr. 12.
Gerber, Bernhard, Stellingen, near Hamburg, Germany. Device for cleaning pipe lines. 1,624,786; Apr. 12.
Gerson Stewart Corporation Company, The. (See Goldrick, Albert R., assignor.)
Gerwick, Ben C., Berkeley, Calif. Coffer and making the same. 1,624,330; Apr. 12.
Gesellschaft für Drahtlose Telegraphie m. b. H. (See Osnos, M., and Kasarnowsky, assignors.)
Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches. (See Osnos, Mendel, assignor.)
Geyser, Frank R., New York, N. Y. Vacuum tube. 1,624,331; Apr. 12.
Gibbs, Frederick H., Trustee. (See Purdy, Walter S., assignor.)
Gibson, John G., Ventnor, N. J. Water grate. 1,624,230; Apr. 12.
Gilg, Henry F. (See Heinle, Albert W., assignor.)
Gill, William E., Lake Geneva, Wis. Battery connection. 1,624,047; Apr. 12.
Gilling, Preston E., East Orange, N. J. Electrical condenser. 1,624,332; Apr. 12.
Gilling, Preston E., East Orange, N. J. Electrical condenser. 1,624,333; Apr. 12.
Gilling, Preston E., East Orange, N. J. Electrical condenser. 1,624,334; Apr. 12.
Ginsburg, Abe. (See Lerner, H., and Ginsburg.)

Giroux, Philip S., West Warren Mass. Stop motion for spinning machines. 1,623,964; Apr. 12.
Glasshoffer, Daniel, Roselle, N. J. Animal trap. 1,624,548; Apr. 12.
Gleason Works, The. (See Logue, Charles H., assignor.)
Glover, William C., Kansas City, Mo. Gasoline filter. 1,624,832; Apr. 12.
Godley, Paul F. (See Farrand, C. L., Ross, and Godley.)
Goldberg, Carl M., assignor to Schaffer & Goldberg, New York, N. Y. Sport visor cap. 1,624,727; Apr. 12.
Goldblatt, Henry, Kansas City, Mo. Cutting tool. 1,624,136; Apr. 12.
Goldrick, Albert R., assignor to The Gerson Stewart Corporation Company, Cleveland, Ohio. Liquid-soap dispenser. 1,624,231; Apr. 12.
Goldsmith, Bertram J., and E. Koeb, New York, assignors to Perfect Window Regulator Corporation, Long Island City, N. Y. Window regulator. 1,624,098; Apr. 12.
Goodell-Pratt Company. (See Hapgood, Oscar D., assignor.)
Goodrich, B. F., Company, The. (See Eakin, Willard D., assignor.)
Goodrich, B. F., Company, The. (See Richardson, C. M., and Sargisson, assignors.)
Gordon, Albert J. (See Cremo, A. L. N., and Gordon.)
Gough, James J., assignor to Chicago Electric Manufacturing Co., Chicago, Ill. Electric cigar lighter. Des. 72,418; Apr. 12.
Gould, Leslie J. and R., Toronto, Ontario, Canada. Compensating for unevenness in printer's type. 1,624,594; Apr. 12.
Gould, Robert. (See Gould, Leslie J. and R.)
Graf, Georg, Berlin-Pankow, Germany, assignor to General Electric Company. Protective device. 1,624,728; Apr. 12.
Graff, George, assignor to The Dura Company, Toledo, Ohio. Corner light. Des. 72,419; Apr. 12.
Graham, Adoniram J., and L. O. Tekell, Whittier, assignors to Gra-Kell Line-Spooler Company, Los Angeles, Calif. Line spooler. 1,624,232; Apr. 12.
Gra-Kell Line-Spooler Company. (See Graham, A. J., and Tekell, assignors.)
Granite City Electric Company. (See Ellenbecker, John P., assignor.)
Grant, George E., Derry, N. H. Jar opener. 1,624,833; Apr. 12.
Great Northern Paper Company. (See Whitcomb, William A., assignor.)
Greaves, Abillo M. de S., Cambridge, Mass. Portable fire alarm. 1,624,866; Apr. 12.
Greer, Butler F., San Francisco, Calif. Savings bank. 1,624,335; Apr. 12.
Griffin, George B., Pittsburgh, Pa. Container for artificial bait and the like. 1,624,233; Apr. 12.
Griffiths, Richard T. (See Steele, C. W., and Griffiths.)
Groff, William A., Philadelphia, Pa. Permanent-hair-waving device. 1,624,336; Apr. 12.
Groves, Walter P. (See Powell, H., and Groves.)
Gschwind, Herman A., El Paso, Tex. Cooling-system drain cock. 1,624,168; Apr. 12.
Guernsey, Charles O., Philadelphia, Pa. Gear-shifting mechanism. 1,624,867; Apr. 12.
Gulbransen Company. (See Morris, William L., assignor.)
Guzik, Edward W., Lorain, Ohio. Pen and blotter. 1,624,834; Apr. 12.
Haas, Walter G. (See Mumaw, J. H., Schnieders, and Haas.)
Haddock, Arthur. (See Adams, W. J., and Haddock.)
Haddock, Arthur, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Attachment to electric insulation. 1,624,595; Apr. 12.
Hafke, Charles, Washington, Ark. Tractor plow. 1,624,406; Apr. 12.
Haggenjos, John J., St. Louis, Mo. Memorial tablet. 1,624,048; Apr. 12.
Hahre, Martin J., Smithers, British Columbia, Canada. Saw gauge. 1,624,050; Apr. 12.
Haight, Hiram H., Milwaukee, Wis. Gear pump. 1,624,099; Apr. 12.
Hale, Pratt B., Albany, Ala. Flush-tank ball seat. 1,624,234; Apr. 12.
Halikman, Harris K., Beachmont, Mass. Antiglare goggle. 1,624,337; Apr. 12.
Hall, Bernard E., assignor to The Davis Lumber Co., Martinsville, Ind. Paper cutter. 1,624,235; Apr. 12.
Hallstream, Henning, Brockton, assignor to Cross Paper Feeder Company, Boston, Mass. Paper-feeding machine. 1,624,787; Apr. 12.
Halversen, Hans N., Vineland, N. J., assignor to Kimble Glass Company, Chicago, Ill. Multiple graduating machine. 1,624,549; Apr. 12.
Halvorsen, Fredrik, Seattle, Wash. Power drag or falling saw. 1,624,662; Apr. 12.
Hamilton, Albert G., assignor to J. T. and A. Hamilton Company, Pittsburgh, Pa. Glass bottle. Des. 72,420; Apr. 12.
Hamilton, James, Detroit, Mich. Flower holder and stand. 1,624,407; Apr. 12.
Hamilton, J. T. and A., Company. (See Hamilton, Albert G., assignor.)
Hammersley, Walter M., Dayton, Ohio. Vehicle signal. 1,624,236; Apr. 12.
Hammond, William P. (See Buel, Hillhouse, assignor.)
Hancock Bros. (See Bunce, Robert M., assignor.)
Hanley, Michael. (See Miller, J. T., and Hanley.)
Hanna, Clinton R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Telephone receiver. 1,624,338; Apr. 12.
Hanna, David B., Park Ridge, Ill. Street-lighting equipment. 1,624,237; Apr. 12.
Hansen, A. L., Mfg. Co. (See Hansen, Augie L., assignor.)
Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Lock and method of manufacture. 1,624,051; Apr. 12.
Hanson, Bengt M. W., deceased, Hartford, Conn.; E. A. Hanson and C. E. Whitney, executors. Metal-working machine. 1,624,868; Apr. 12.
Hanson, Einar A., et al., executors. (See Hanson, Bengt M. W.)
Hanson, Hans P., Chicago, Ill. Machine for preparing mossed frames for floral wreaths. 1,624,238; Apr. 12.
Hanson, Isaac E., Blackwell, Okla. Highway-marking device. 1,624,408; Apr. 12.
Hapgood, Oscar D., Montague, Mass., assignor to Goodell-Pratt Company, Greenfield, Mass. Level. 1,624,339; Apr. 12.
Harris, Howard C., Akron, Ohio. Pivotal connection. 1,624,239; Apr. 12.
Harry, Robert A. (See Springer, J. E., and Harry.)
Harter, Augustus F., assignor to Cribben & Sexton Company, Chicago, Ill. Stove or range. 1,624,550; Apr. 12.
Hartley, Ralph V. L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling method and system. 1,624,596; Apr. 12.
Harwood, George. (See Harwood, William W. and G.)
Harwood, William W., Grannis, Ark., and G. Harwood, Dickinson, Tex. Insect destroyer. 1,624,240; Apr. 12.
Haseltine, William C. (See Bowman, John G., assignor.)
Hasselblatt, Paul A., Brooklyn, N. Y. Heat retainer. 1,624,241; Apr. 12.
Haswell, Arthur B. (See Ryding, H. C., and Haswell.)
Hatcher, Ernest C., Finchley, London, England. Variable-speed mechanism. 1,624,835; Apr. 12.
Hawkins, William W., Brooklyn, N. Y., assignor to Webster Electric Company, Racine, Wis. Interrupter mechanism. 1,624,100; Apr. 12.
Hawks, Arthur S., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Internal-combustion engine. 1,624,101; Apr. 12.
Hawley, Jesse B., Wilmette, Ill. Sound-amplifying horn. 1,624,242; Apr. 12.
Hayward, John M. (See Moore, Charles R., and Hayward.)
Heathcote, Henry L., assignor to Rudge-Whitworth Limited, Coventry, England. Manufacturing ball-rolling disks. 1,624,597; Apr. 12.
Heddon, Charles, and J. T. Welch, assignors to James Heddon's Sons, Dowagiac, Mich. Reel seat for fishing rods. 1,624,052; Apr. 12.
Heddon's, James, Sons. (See Heddon, C., and Welch, assignors.)
Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 72,421; Apr. 12.
Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 72,422; Apr. 12.
Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 72,423; Apr. 12.
Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 72,424; Apr. 12.
Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 72,425; Apr. 12.
Heinle, Albert W., Crafton, assignor of one-half to H. F. Gilg, Pittsburgh, Pa. Rolling hollow rounds. 1,624,340; Apr. 12.
Heinzelman, Edmund G., Belleville, Ill. Steering-wheel brake. 1,624,598; Apr. 12.
Heise, George W., Bayside, N. Y., H. H. Thompson, Cleveland, Ohio, and N. K. Chaney, Kew Gardens, N. Y., assignors to National Carbon Company, Inc. Dry cell and electrode therefor. 1,624,409; Apr. 12.
Hennes, Albert J., Cincinnati, Ohio. Broom protector and stand. 1,624,410; Apr. 12.
Hennig, Albert, assignor to Anker-Werke Aktiengesellschaft, Bielefeld, Germany. Thread tightener. 1,624,898; Apr. 12.
Herschede Hall Clock Company. (See Herschede, Walter J., assignor.)
Herschede, Walter J., assignor to The Herschede Hall Clock Company, Cincinnati, Ohio. Hall clock. Des. 72,426; Apr. 12.
Hickie, Arthur F., Lansing, Mich. Doorcheck. 1,624,836; Apr. 12.
Higgins, Daniel J., Adams, Mass. Loom picker. 1,624,870; Apr. 12.
Hilliard, John D., Schenectady, N. Y., assignor to General Electric Company. Power system. 1,624,729; Apr. 12.
Hilton, Danesi M., executrix. (See Hilton, Robert W.)

Hilton, Robert W, deceased; D. M. Hilton, executrix, Cincinnati, Ohio, assignor to The Kemper-Thomas Company, Norwood, Ohio. Manufacture of fiber board. 1,624,599; Apr. 12.

Hindes, Joseph F., Relay, Md., assignor to Emerson Drug Company, Baltimore, Md. Commercial vehicle float. Des. 72,427; Apr. 12.

Hinrichsen, Edward E., New York, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated. Semiautomatic telephone system. 1,624,341; Apr. 12.

Hitt, Thomas G., Seattle, Wash. Colored vapor signal. 1,624,600; Apr. 12.

Hodgkinson, Francis, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Turbine. 1,623,999; Apr. 12.

Hoff, Henry J., and G. B. Bush, York, Pa. Vehicle wheel jack. 1,624,243; Apr. 12.

Hoffmann-La Roche Chemical Works, The. (See Preiswerk, Ernst, assignor.)

Hofmaister, Robert C., Bartlesville, Okla. Combination tool. 1,624,788; Apr. 12.

Hogan, George F., Chicago, Ill. Envelope. 1,624,137; Apr. 12.

Holland-Letz, Ludwig, Oak Park, Ill. Gear-changing mechanism. 1,624,244; Apr. 12.

Hollywood Chemical Company. (See Levy, Gaston J., assignor.)

Holmes, Arthur W., Veedersburg, D. E. Jaques, Thortown, and H. B. Coats, Veedersburg, Ind. System of feeding poultry and livestock. 1,624,245; Apr. 12.

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Bearing. 1,624,837; Apr. 12.

Holt, Harold E. S., Farnborough, England. Landing light or flare for attaching to aircraft. 1,624,411; Apr. 12.

Honig, Frank, Oak Park, assignor to Cyclo Corporation, Chicago, Ill. Mechanism for and method of coiling wire or the like. 1,624,000; Apr. 12.

Hooper, John S., Wilkinsburg, Pa. Battery filler. 1,624,890; Apr. 12.

Hoos, Nannie F., et al. (See Gallagher, George D., assignor.)

Hoover Company, The. (See Hoover, Howard E., assignor.)

Hoover, Howard E., Chicago, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,624,246; Apr. 12.

Hoover, Howard E., Glencoe, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,624,247; Apr. 12.

Hopedale Manufacturing Company. (See O'Connell, John J., assignor.)

Hopkins Corporation. (See Hopkins, Marcus C., assignor.)

Hopkins, Marcus C., Washington, D. C., assignor to Hopkins Corporation, Jersey City, N. J. Loud speaker. Des. 72,428; Apr. 12.

Hopson, Edward H. (See Buffington, G. L., and Hopson.)

Horner, Glenn M., Minneapolis, Kans. Gate. 1,624,169; Apr. 12.

Horton, Joseph W., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Submarine signaling. 1,624,412; Apr. 12.

Horton, Joseph W., Bloomfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Secret communication. 1,624,601; Apr. 12.

Howard, Lemuel F., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,624,248; Apr. 12.

Howell, Albert S., assignor to Bell & Howell Company, Chicago, Ill. Motion-picture apparatus. 1,624,730; Apr. 12.

Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Film sprocket guide. 1,624,731; Apr. 12.

Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Motion-picture projecting machine. 1,624,732; Apr. 12.

Howitz, Alfred A., assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Retarding mechanism for internal-combustion engines. 1,624,342; Apr. 12.

Huber, Fritz, Mannheim, assignor, by mesne assignments, to Heinrich Lanz Aktiengesellschaft, Mannheim, Baden, Germany. 1,624,413; Apr. 12.

Hull, Matthew R, assignor to Rex Manufacturing Company, Connersville, Ind. Windshield. 1,624,170; Apr. 12.

Humbrecht, Jules, assignor to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Periscope more particularly for submarines. 1,624,733; Apr. 12.

Hunt, Calvert R., Kansas City, Mo. Tamping and tamping machine. 1,624,734; Apr. 12.

Hunt, Helm, Ferris & Company. (See Ferris, Howard J., assignor.)

Hurley, George A., Rockland, Mass. Shank stiffener for shoes. 1,624,001; Apr. 12.

Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Rack dryer for brake linings and other strip material. 1,624,735; Apr. 12.

Husted, Harry F., Shavertown, assignor of one-third to E. C. Wideman and one-third to H. D. Levy, Wilkes-Barre, Pa. Shade roller. 1,624,053; Apr. 12

Hutchinson, Ely C., and C. V. Foulds, Oakland, assignors to Pelton Water Wheel Company, San Francisco, Calif. Water-tight seating for butterfly valves and such. 1,624,891; Apr. 12.

Hutchinson, Job, Saugerties, N. Y. Liquid-fuel vaporizer. 1,624,239; Apr. 12.

Hutt, Leonard P., Schenectady, N. Y., assignor to General Electric Company. Valve. 1,624,736; Apr. 12.

Ihrig, Harry K. (See Wallace, G. W., and Ihrig.)

Illinois Tool Works. (See Olson, C. G., and England, assignors.)

Industrial Associates, Incorporated. (See Jones, Arthur B., assignor.)

Industrial Associates, Incorporated. (See Riley, Champlain L., assignor.)

Ingram, Harry, Brooklyn, N. Y. Vacuum sealing machine for jars and other containers. 1,624,869; Apr. 12.

International Harvester Company. (See Witte, Gustav W., assignor.)

Interstate Folding Box Company, The. (See Bergstein, S., and Lindner, assignors.)

Invincible Metal Furniture Company. (See Anderson, Edgar W., assignor.)

Ithaca Gun Company. (See Smith, Louis P., assignor.)

Jacker, Edward G., assignor of one-half to V. Bendix, Chicago, Ill. Hydraulic transmission. 1,624,663; Apr. 12.

Jacobus, David S., Jersey City, and A. D. Pratt, Short Hills, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Method and apparatus for utilizing heat. 1,624,602; Apr. 12.

Jagenberg, Emil, Dusseldorf, Germany. Filling and packing machine. 1,624,664; Apr. 12.

Jammer, Jacob S., Cumberland, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Multiplex transmission. 1,624,551; Apr. 12.

Japolsky, Nicolas. (See Kostenko, M., and Japolsky.)

Jaques, Donald E. (See Holmes, A. W., Jaques, and Coats.)

Jenkinson, Richard C. (See Bauer, Adolph, assignor.)

Jenkinson, Richard C., & Co. (See Bauer, Adolph, assignor.)

Jensen, John, Houston, Tex. Tie holder. 1,624,737; Apr. 12.

Jesperson, Hans P., Sioux City, Iowa. Oil pump. 1,624,738; Apr. 12.

Johnson, Charles L., et al. (See Bauer, Jacob, assignor.)

Johnson, Emelyn O., Brooklyn, N. Y. Toe adjuster. 1,624,171; Apr. 12.

Johnson, Frank L., Akron, Ohio. Mold construction. 1,624,343; Apr. 12.

Johnson, Fred H., and S. R. Lathrop, Sapulpa, Okla. Leer-charging apparatus. 1,624,250; Apr. 12.

Johnson, Kenneth S., Jersey City, and T. E. Shea, Rutherford, N. J., assignors, by mesne assignments, to Western Electric Company, Incorporated. Wave filter. 1,624,665; Apr. 12.

Johnson, Lindley W., et al. (See Bauer, Jacob, assignor.)

Johnston, Clarence, Townsend, Mont. Weeder attachment for harrows. 1,624,789; Apr. 12.

Jones, Arthur B., Plainfield, N. J., assignor to Industrial Associates, Incorporated, New York, N. Y. Spray drying. 1,624,739; Apr. 12.

Jones, R. A., & Company. (See Jones, Ruel A., assignor.)

Jones, Ruel A., assignor to R. A. Jones & Company, Inc., Covington, Ky. Carton-feeding mechanism for carton folding and filling machine. 1,624,740; Apr. 12.

Jorgensen, Clarence H. (See Jorgensen, Peter J. and C. H.)

Jorgensen, Peter J. and C. H., Chicago, Ill. Oil gun. 1,624,138; Apr. 12.

Junge, Erich, Staten Island, N. Y. Internal-combustion engine. 1,624,489; Apr. 12.

Kadel, Byers W., Baltimore, Md., assignor to The Symington Company, New York, N. Y. Split-ring draft gear. 1,624,742; Apr. 12.

Karlsen, Eugene S., Chicago, Ill. Attachment for electric irons. 1,624,666; Apr. 12.

Kasarnowsky, Leo. (See Osnos, M., and Kasarnowsky.)

Kaser, William J., Chicago, Ill. Making pies. 1,624,490; Apr. 12.

Kaufmann, Charles F. L. and W. L., Santa Ana, Calif. Carburetor. 1,624,603; Apr. 12.

Kaufmann, Walter L. (See Kaufmann, Charles F. L. and W. L.)

Kearney, James R., Kansas City, Mo. Ground anchor. 1,624,871; Apr. 12.

Keefer, Walter L., assignor to H. G. Wolf, Chambersburg, Pa. Vacuum cleaner. 1,624,251; Apr. 12.

Keene, Alvin D., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,624,344; Apr. 12.

Keene, Alvin D., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Heating-unit terminal. 1,624,345; Apr. 12.

Kemp & Beatley, Inc. (See Kemp, Demetrius, assignor.)

Kemp, Demetrius, assignor to Kemp & Beatley, Inc., New York, N. Y. Bedspread. Des. 72,429; Apr. 12.

Kemper-Thomas Company, The. (See Hilton, Robert W., assignor.)

Kenerson, Joseph E., Saugus, assignor to Trimont Manufacturing Company, Roxbury, Mass. Pipe vise. 1,624,252; Apr. 12.

Kennedy, William, assignor to Airubber Corporation, Chicago, Ill. Swimming wing. 1,624,102; Apr. 12.

Kenward, Leo N., Lakewood, Ohio. Automobile headlight. 1,624,491; Apr. 12.

Kern, George H., Los Angeles, Calif., assignor to The Producers Pictures Corporation, St. Louis, Mo. Motion-picture machine. 1,624,667; Apr. 12.

Kettering, Charles F., assignor to General Motors Research Corporation, Dayton, Ohio. Fuel-supply device. 1,624,139; Apr. 12.

Kiefer, Karl, Cincinnati, Ohio. Collapsible tube. 1,624,140; Apr. 12.

Kienast, Ernst A., Los Angeles, Calif. Automatic hydraulic irrigation system. 1,624,744; Apr. 12.

Kilby, Angus M., Bangor, Me. Clasp. 1,624,253; Apr. 12.

Kimberlin, William H., Bismarck, N. Dak. Bow-facing oar. 1,624,743; Apr. 12.

Kimble Glass Company. (See Halversen, Hans N., assignor.)

Kings, Thomas W., Harvey, Ill., assignor to Ira E. Burtis, Beaver Dam, Wis. Carburetor. 1,624,604; Apr. 12.

Kingsbury, Edward J. and H. T., Keene, N. H. Automatic feeding device. 1,624,872; Apr. 12.

Kingsbury, Harry T. (See Kingsbury, Edward J. and H. T.)

Kirkegaard, Georg, Brooklyn, assignor to National Surety Company, New York, N. Y. Apparatus for making indelible imprints on sheet material. 1,624,552; Apr. 12.

Klaften, Berthold, Berlin-Grunewald, Germany. Thermostat. 1,624,790; Apr. 12.

Knopp, Rudolph, New York, N. Y. Combination motion-picture camera and display apparatus. 1,624,103; Apr. 12.

Knotts, Charles L., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transformer-cooling system. 1,624,346; Apr. 12.

Kochendorfer, Frederic S., River Forest, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for heat treating metals. 1,624,668; Apr. 12.

Koeb, Emil. (See Goldsmith, B. J., and Koeb.)

Koegle, John G., assignor of one-half to H. Boelter, Toledo, Ohio. Ladle. 1,624,553; Apr. 12.

Kostenko, Michael, and N. Japolsky, London, England. High-speed dynamo-electric machine for continuous current. 1,624,254; Apr. 12.

Kottlowski, Clarence P., assignor to Diamond Chain and Manufacturing Company, Indianapolis, Ind. Chain drive. 1,624,892; Apr. 12.

Kovács, Theodor, Berlin, Germany. Reservoir pen. 1,624,554; Apr. 12.

Kraxberger, Michael E., Buckingham, Colo. Insulated piston. 1,624,701; Apr. 12.

Kruckenberg, Franz, and C. Stedefeld, Heidelberg, Germany, said Stedefeld assignor to said Kruckenberg. Braking arrangement for high-speed suspension railways. 1,624,141; Apr. 12.

Kuhnast, Fredrick W., New York, N. Y. Combined cover and strainer. 1,614,745; Apr. 12.

Kuhne, Beat, Lewistown, Mont. Tooth-cleaning device. 1,624,054; Apr. 12.

Kumpmann, Karl, Ludenscheid, Germany. Automatic machine for making the heads of slotted wooden or iron screws. 1,624,746; Apr. 12.

Kunkel Stamping & Manufacturing Company. (See Broome, William J., assignor.)

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriting Company, New York, N. Y. Typewriting machine. 1,624,747; Apr. 12.

Kurtz-Hähnle, Carl, and H. Kurtz, Reutlingen, Germany. Wire netting for paper-making machine and making the same. 1,624,049; Apr. 12.

Kurtz, Hans. (See Kurtz-Hähnle, C., and Kurtz.)

Kuschel, Clemens J., Brown Valley, Minn. Babbitting frame. 1,624,605; Apr. 12.

Kuttruf, Wilhelm. (See Walter, A., and Kuttruf.)

Kyhl, Emil, Britt, Iowa. Starting switch for electric starting motors. 1,624,255; Apr. 12.

Lair, John P. (See Crain, Harry G., assignor.)

Lamont, John W. F., and Herbert Dickinson, London, England, said Dickinson assignor to said Lamont. Sighting indicator for firearms. 1,624,347; Apr. 12.

Lamore Tile Machine Company. (See Adams, Ash, assignor.)

Landis, Jeremish, Brookville, Ohio. Automatic drive gate. 1,624,256; Apr. 12.

Landis, Jesse A., Eaton, Ohio. Sound reflector. 1,624,873; Apr. 12.

Landis Machine Company. (See Schildknecht, Leo, assignor.)

Landsiedel, Harry, Norwood, Ohio, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio. Adding machine. 1,624,104; Apr. 12.

Landsiedel, Walter W., Norwood, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio. Calculating and recording machine. 1,624,105; Apr. 12.

Lane, Franklin E., Nacozari, Mexico. Coffeepot. 1,624,606; Apr. 12.

Lane, John D., Cambridge, Mass. Carton-end-closing device for packaging machines. 1,624,257; Apr. 12.

Lane, Victor E., Detroit, Mich. Nonoxidizing annealing furnace. 1,624,258; Apr. 12.

Langlais, Simon, Montreal, Quebec, Canada. Tool-grinding machine. 1,624,259; Apr. 12.

Lanz, Heinrich, Aktiengesellschaft. (See Huber, Fritz, assignor.)

Larkin, Walter, Norristown, assignor to Fidelity Machine Company, Philadelphia, Pa. Striping attachment for knitting machines. 1,624,792; Apr. 12.

Larson, Adolph S., North Lake, Wis. Lifting jack. 1,624,106; Apr. 12.

Lathrop, Sherman R. (See Johnson, F. H., and Lathrop.)

Lawrence Sperry Aircraft Company, The. (See Simon, Robert, assignor.)

Lee Rubber & Tire Corporation. (See Leopold, Frederick, jr., assignor.)

Lehwess, Edouard E., St. Cloud, near Paris, France. Projecting machine. 1,624,669; Apr. 12.

Leibovitz, Isidore, New York, N. Y. Belt for personal wear. Des. 72,432; Apr. 12.

Leiman Bros. (See Leiman, George W., assignor.)

Leiman, George W., Newark, N. J., assignor to Leiman Bros., New York, N. Y. Pump. 1,624,607; Apr. 12.

Leiser, William C., Philadelphia, Pa. Rail-fastening device. 1,624,555; Apr. 12.

Lenenberg, Jacob, Baltimore, Md. Dirt and grease cleaning composition. 1,624,055; Apr. 12.

Leopold, Frederick, jr., Harmonville, Pa., assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Tire casing or similar article. Des. 72,431; Apr. 12.

Leppke, Louis A., and J. H. Scharf, Omaha, Nebr. Display device. 1,624,741; Apr. 12.

Lerner, Harry, Brooklyn, and A. Ginsburg, New York, N. Y. Casserole cover. Des. 72,430; Apr. 12.

Leuchtenberg, Wm. E. (See Raffloer, Emil, assignor.)

Levy, Gaston J., assignor to Hollywood Chemical Company, Los Angeles, Calif. Recovering metals from solutions. 1,624,172; Apr. 12.

Levy, Harry D., et al. (See Husted, Harry F., assignor.)

Libbey Glass Company, The. (See Abelt, Ernst, assignor.)

Libby, McNeill & Libby. (See Nevills, John J., assignor.)

Lidgerwood Manufacturing Company. (See Dickinson, Merian H., assignor.)

Liljegren, Karl F., Donna, Tex. Water gate. 1,624,748; Apr. 12.

Lilly, William J., Tacoma, Wash., and H. H. Logan, Chicago, Ill. Hoist control. 1,624,260; Apr. 12.

Lilly, William J., Tacoma, Wash., and H. H. Logan, Chicago, Ill. Hoisting-engine control. 1,624,261; Apr. 12.

Lincoln Meter Company. (See Paine, Louis A., assignor.)

Lincoln Rubber Key Company. (See Easterlin, Douglas L., assignor.)

Lindburg, Joseph, Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Fume disposal apparatus for workbenches. 1,624,107; Apr. 12.

Lindner, Arthur C. E. (See Bergstein, S., and Lindner.)

Lindquist, Philip W., Seattle, Wash. Fish-cleaning apparatus. 1,624,173; Apr. 12.

Linley, Alfred A., Fairfield, Conn. Separable cover for universal balljoint cases. 1,624,262; Apr. 12.

Linton, Walter L., Independence, Kans. Vending machine. 1,624,263; Apr. 12.

Lipinski, Zenon A., San Francisco, Calif. Humidifier. 1,624,838; Apr. 12.

Lippert, Samuel, Garfield Heights, assignor to The Outlook Company, Cleveland, Ohio. Motor-driven windshield cleaner. 1,624,264; Apr. 12.

Little, Arthur D., Brookline, and C. E. Carpenter, Melrose, assignors to Arthur D. Little, Inc., Boston, Mass. Paper manufacture. 1,624,492; Apr. 12.

Little, Arthur D., Inc. (See Little, A. D., and Carpenter, assignors.)

Lleo, Alberto, and C. Baradat, Barcelona, Spain, said Baradat assignor to said Lleo. Engine-cylinder structure. 1,624,002; Apr. 12.

Llewellyn, Lester M., and H. G. Pederson, Syracuse, N. Y., said Llewellyn assignor to said Pederson. Counterbalancing device. 1,624,414; Apr. 12.

Logan, Henry H. (See Lilly, W. J., and Logan.)

Logan, Henry H., Chicago, Ill. Shock absorber. 1,624,265 Apr. 12.

Logue, Charles H., Syracuse, assignor to The Gleason Works, Rochester, N. Y. Bevel-gear-testing machine. 1,624,415; Apr. 12.

Lombard, Samuel W., assignor to Lombard Traction Engine Co., Waterville, Me. Snowplow. 1,624,839; Apr. 12.

Lombard Traction Engine Co. (See Lombard, Samuel W., assignor.)

Long, Cornelia T. (See Taylor, A. B., Long, and Sohn.)

Long, William L. (See Scheffey, George B., assignor.)

Lowe, Harry W., deceased, Indianapolis, Ind.; M. W. Lowe, administrator, assignor to J. P. Dalzell, Minneapolis, Minn. Pulp-heating coil. 1,624,749; Apr. 12.

Lowe, Mark W., administrator. (See Lowe, Harry W.)

Lucarelle, Joseph M., and V. L. Frykman, assignors to Dictaphone Corporation, Bridgeport, Conn. Power-transmitting device. 1,624,174; Apr. 12.

Lucas, Jonathan, Savannah, Ga., assignor to Lucas-Lamborn Loom Corporation, New York, N. Y. Shuttle mechanism for looms. 1,624,108; Apr. 12.

Lucas-Lamborn Loom Corporation. (See Lucas, Jonathan, assignor.)
Luder, Maude, Asbury Park, N. J. Ankle brace. 1,624,266; Apr. 12.
Lyndon, Lamar, New York, N. Y., and R. I. Blakeslee, Los Angeles, Calif. System and means for dispensing foods and commodities. 1,624,267; Apr. 12.
Macabee, Edward L. and F. E., Hayward, Calif. Brake gauge. 1,624,142; Apr. 12.
Macabee, Fabian E. (See Macabee, Edward L. and F. E.)
McFarland, Alvis M., Wilkinsburg, Pa., assignor to Westinghouse Gear and Dynamometer Company. Reduction gearing. 1,624,416; Apr. 12.
MacGahan, Paul, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Meter casing. 1,624,417; Apr. 12.
MacKaye, Henry D. (See Meikle, G. S., and MacKaye.)
Macleod, Arthur W., London, England. Measuring by volume petrol and other fluids. 1,624,750; Apr. 12.
MacRae, Duncan, East Orange, N. J., assignor to Westinghouse Lamp Company. Incandescent electric lamp. 1,624,109; Apr. 12.
Madsen, Fred T. (See Ray, A. J., Madsen, and Obergfell.)
Magill, Donald G., Brooklyn, assignor to American Can Company, New York, N. Y. Pouring-spout container. 1,624,268; Apr. 12.
Maise, Herman C., assignor to Briggs Manufacturing Company, Detroit, Mich. Window frame. 1,624,608; Apr. 12.
Maise, Herman C., assignor to Briggs Manufacturing Company, Detroit, Mich. Jig. 1,624,609; Apr. 12.
Malin, Ernest C., Fertile, Saskatchewan, Canada. Animal snare. 1,624,063; Apr. 12.
Mallinson, H. R., & Co. Inc. (See Heinke, Alfred J., assignor.)
Mallory, Harry C., deceased, by S. R. Mallory, administratrix, Bellport, N. Y. Expansible collapsible element. 1,624,348; Apr. 12.
Mallory, Sue R., administratrix. (See Mallory, Harry C.)
Malluk, Assad M., assignor to Yankee Lock Corporation, New York, N. Y. Lockable cover for automobile fuel tanks. 1,624,840; Apr. 12.
Maim, Walter R., San Francisco, Calif. Luggage carrier. 1,624,493; Apr. 12.
Mann, John J. and W. J., Oakland, Calif., and M. H. Van Coeverden, San Marcial, N. Mex. Wave motor. 1,624,349; Apr. 12.
Mann, Matthew D., jr., Roselle, and H. M. Weir, Newark, N. J. Contact apparatus. 1,624,793; Apr. 12.
Mann, William J. (See Mann, John J. and W. J., and Van Coeverden.)
Manwaring, Albert H., Noble, Pa. Hydraulic clutch. 1,624,841; Apr. 12.
Marchetti, Paul, San Francisco, Calif. Motor. 1,624,269; Apr. 12.
Marchetti, Paul J. (See Nordwick, H. A., and Marchetti.)
Marsden, John E., Philadelphia, Pa. Electric bread toaster. 1,624,593; Apr. 12.
Marsh, Wellington W., Long Beach, Wash. Collision shield for vehicles. 1,624,418; Apr. 12.
Marshall, Norman, Nashua, N. H., assignor to Remington Arms Company, Inc. Tube polishing or sizing machine. 1,623,965; Apr. 12.
Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Pliers. 1,624,556; Apr. 12.
Martin, Albert, New York, N. Y. Ornamenting foodstuffs. 1,624,670; Apr. 12.
Martin, William A., Toronto, Ontario, Canada. Shade holder for electric-lamp sockets. 1,614,794; Apr. 12.
Martus, Martin L., Woodbury, and E. H. Becker and J. G. Ross, Waterbury, Conn. Battery holding and carrying means. 1,614,795; Apr. 12.
Maschinenfabrik Walter & Kuffer. (See Walter A., and Kuttruf, assignors.)
Mason, Howard, Framingham, and W. Bixby and H. L. Bogan, jr., Boston, assignors to Shawmut Engineering Company, Dorchester, Mass. Grinding mechanism. 1,624,494; Apr. 12.
Mastrolia, Daniel, et al. (See Caruso, Romeo O., assignor.)
Mathes, John A., San Diego, Calif. Kerosene vaporizer. 1,624,270; Apr. 12.
Mathes, Robert C., Wyoming, N. J., assignor by mesne assignments to Western Electric Company, Incorporated. Carrier-wave signaling. 1,624,495; Apr. 12.
Mathieu, Harry J., Oakland, Calif. Sound-receiving earpiece. 1,624,144; Apr. 12.
Matson, Oscar A., Chicago, Ill. Spading device. 1,624,610; Apr. 12.
Matthews, J. March, et al. (See Gallagher, George D., assignor.)
Watthews, William C., Palatka, Fla. Lamp for automobiles. 1,624,842; Apr. 12.
Mauser, Alfons, Cologne-Marienburg, Germany. Forming cover-holding ring seats for containers. 1,624,496; Apr. 12.
May, Harry E., assignor to Economy Vaporizer Company, Kansas City, Mo. Fuel vaporizer for internal-combustion engines. 1,624,271; Apr. 12.
McAllister, Ellis H., Moorestown, N. J. Automatic valve adjuster and silencer. 1,624,497; Apr. 12.
McCabe, Charles J., Brooklyn, and I. Schoenholz, Far Rockaway, assignors to McCabe and Schoenholz, Inc., New York, N. Y. Hand bag. 1,624,611; Apr. 12.
McCabe, Charles J., Brooklyn, and I. Schoenholz, Far Rockaway, assignors to McCabe and Schoenholz, Inc., New York, N. Y. Hand bag. 1,624,612; Apr. 12.
McCabe and Schoenholz, Inc. (See McCabe, C. J., and Schoenholz, assignors.)
McCaskill, Frankie L., Louisville, Ky. Pen and pencil holder. 1,623,966; Apr. 12.
McCoubrie, Robert L., Philadelphia, Pa. Clothes wringer attachment. 1,624,419; Apr. 12.
McEntee, Bernard C., and L. H. Constant, Wichita Falls, Tex. Shoe tongue and fastener. 1,624,143; Apr. 12.
McFall, Thurlow E., Sparta, Mich. Piston packing. 1,624,613; Apr. 12.
McGill, Chester T., assignor to Reiter Company, Elgin, Ill. Two-flow base-exchange water softener. 1,624,614; Apr. 12.
McKown, Frederick W., Englewood, and E. Dietze, Westfield, N. J., assignors to American Telephone and Telegraph Company. Telephone substation circuits. 1,624,056; Apr. 12.
McKown, Frederick W., Englewood, and E. Dietze, Westfield, N. J., assignors to American Telephone and Telegraph Company. Telephone substation circuits. 1,624,057; Apr. 12.
McMillan, Albert M., Riverdale, Md. Printing-press chase. 1,624,751; Apr. 12.
McQuinn, Thomas H., Preston, Melbourne, assignor of two-thirds to H. M. Sargood, Toorak, Victoria, Australia. Electric water heater. 1,624,843; Apr. 12.
Weikle, George S., and H. D. MacKaye, Detroit, Mich. Oil burner. 1,624,350; Apr. 12.
Menzies, William E., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Battery-charging system. 1,624,420; Apr. 12.
Mercier, Charles H., Pittsfield, Mass. Portable clothes-rack. 1,624,796; Apr. 12.
Metz, H. A., Laboratories, Inc. (See Dublin, Harry E., assignor.)
Meyer, Henry D., Milford, Ill. Road drag. 1,624,421; Apr. 12.
Midgley, Thomas, Hampden, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Making tire casings. 1,624,615; Apr. 12.
Midgley, Thomas, Hampden, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Beveling and sealing clamp. 1,624,616; Apr. 12.
Midgley, Thomas, Hampden, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Beveling and sealing clamp. 1,624,617; Apr. 12.
Miller, Charles F., Moore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Mechanical stoker. 1,624,004; Apr. 12.
Miller Company, The. (See Wolter, Herman H., assignor.)
Miller, John T., and M. Hanley, Chicago, Ill. Circuit-controlling mechanism. 1,624,059; Apr. 12.
Miller, Robert B., Jackson Heights, assignor to Western Electric Company, Incorporated, New York, N. Y. Dial-testing circuit. 1,624,422; Apr. 12.
Miller Rubber Company, The. (See Bulley, George W., assignor.)
Miller Rubber Company, The. (See Fenton, Frank, assignor.)
Miller Rubber Company, The. (See Steele, C. W., and Griffiths, assignors.)
Milton, Melvin L., Denver, Colo. Submerged pumping unit. 1,624,423; Apr. 12.
Mitchell, Alfred H., deceased, Plumstead, by H. O. Burge, executor, Brentwood, assignor to Henry Simon Limited, Manchester, England. Pneumatic elevator. 1,624,424; Apr. 12.
Mitchell, John, and J. C. G. Cossey, London, England. Brake-slack adjuster for vehicles. 1,624,752; Apr. 12.
Miyasaki, Yuske, Kansas City, Mo. Hand-brake mechanism for railway cars. 1,624,425; Apr. 12.
Mobley, George O., Heath Springs, S. C. Combined statement and ledger sheet. 1,624,618; Apr. 12.
Moffat, Henry E., Detroit, Mich. Water heater and purifier. 1,624,557; Apr. 12.
Mohr, Franklin, New York, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated. Modulating system. 1,624,498; Apr. 12.
Monckmeier, Gustav C., Chicago, Ill., Wear-compensating bolt. 1,624,499; Apr. 12.
Moncreiffe, Malcolm, Big Horn, Wyo. Tractor. 1,624,110; Apr. 12.
Mongelli, Giuseppe A., Philadelphia, Pa. System of tailoring. 1,624,894; Apr. 12.
Monitor Controller Company. (See Whittingham, George H., assignor.)
Montfort, Adolph, Chicago, Ill. Stringed musical instrument. Des. 72,433; Apr. 12.
Moore, Callie F., et al. (See Gallagher, George D., assignor.)
Moore, Charles R., Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone transmitter. 1,624,351; Apr. 12.
Moore, Charles R., Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone transmitter. 1,624,352; Apr. 12.

Moore, Charles R., Maplewood, N. J., and J. M. Hayward, New York, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y. Double-diaphragm transmitter. 1,624,353; Apr. 12.
Moore, Charles W. (See Ryder, P. H., and Moore.)
Moore, Lee R., Kansas City, Mo. Tire patch. 1,624,619; Apr. 12.
Moore, William D., Birmingham, Ala., assignor to Sand Spun Patents Corporation, Wilmington, Del. Method and apparatus for freeing centrifugally-cast castings from molds or flasks. 1,624,354; Apr. 12.
Morehouse, Samuel C., New Haven, Conn. Sleeping mat. 1,624,797; Apr. 12.
Moreno, Juan de D., San Francisco, Calif. Reversible comb. 1,624,758; Apr. 12.
Moross, Joseph A., Detroit, Mich. Producing imitation marble. 1,623,967; Apr. 12.
Morris, Guy T. (See Richard, C. D., and Morris.)
Morris, Howard A. (See Aldrich, J. P., and Morris.)
Morris, Howard I., Lakewood, assignor to Cord Tire Machine Company, Cleveland, Ohio. Apparatus for winding material. 1,624,272; Apr. 12.
Morris, William L., assignor to Gulbransen Company, Chicago, Ill. Reproduction of music. 1,623,968; Apr. 12.
Morse Chain Company. (See Morse, Frank L., assignor.)
Morse, Frank L., Ithaca, N. Y., assignor to Morse Chain Company. Power drive chain. 1,624,058; Apr. 12.
Mosher, George M., Jenkins Township, Mitchell County, Iowa. Combination power-transmission device. 1,624,145; Apr. 12.
Mueller, Moritz L., Seattle, Wash., assignor to Northwest Blower Kiln Company, Portland, Oreg. Drying system. 1,624,754; Apr. 12.
Mullally, Walter J., Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Heavy-tension lap-link chains. 1,624,111; Apr. 12.
Mumaw, John H., J. B. Schnieders, and W. G. Haas, assignors, by mesne assignments, to Universal Specialty Company, Dayton, Ohio. Brush holder. 1,624,426; Apr. 12.
Murdock, John C., Binghamton, N. Y. Paper holder. 1,624,427; Apr. 12.
Murphy, Daniel C., Scobey, Mont. Receptacle. 1,624,273; Apr. 12.
Murphy, Howard M., Philadelphia, Pa. Pipe-cleaning means. 1,624,755; Apr. 12.
Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)
Murray, Albert L., Auburn, Ind. Composite rubber sole. 1,624,500; Apr. 12.
Murray, Thomas E. Brooklyn, N. Y. Wheel and brake drum. 1,624,112; Apr. 12.
Murray, Vincent J., jr., Philadelphia, Pa. Nursing-bottle holder. 1,624,355; Apr. 12.
Muther Manufacturing Company. (See Cowdrey, Charles F., assignor.)
Myers, Bon E., Sioux City, Iowa. Store-front construction. 1,624,620; Apr. 12.
Myrdal, John M., Trail, Ontario, Canada. Doweling machine. 1,614,274; Apr. 12.
N. V. Nederlandsche Installatie Maatschappij Therma. (See Petersen, Alfred O. H., assignor.)
Nabatedt, Arthur T., New Haven, Conn. Reversing gear. 1,624,756; Apr. 12.
Naito, Hide, Portland, Oreg. Hair clip. 1,624,428; Apr. 12.
Nanterme, Joseph, Lyon, France. Machine for inspecting a piece of tissue, measuring its length, and folding it. 1,624,060; Apr. 12.
National Carbon Company. (See Armstrong, George W., assignor.)
National Carbon Company. (See Heise, G. W., Thompson, and Chaney, assignors.)
National Carbon Company. (See Yngve, Victor, assignor.)
National Cash Register Company, The. (See Von Pein, Edward J., assignor.)
National Lock Co. (See Aldeen, Wilhelm G., assignor.)
National Surety Company. (See Kirkegaard, Georg, assignor.)
Naugatuck Chemical Company, The. (See Teague, Merwyn C., assignor.)
Naugle, Ingle R., Anna, Ohio. Ash tray. 1,624,621; Apr. 12.
Neher, Noah N., Los Angeles, Calif. Manifold cut-off for internal-combustion engines. 1,624,275; Apr. 12.
Neilson, Albert H., Tulsa, Okla. Packing for oil-well pumps. 1,624,798; Apr. 12.
Neilson, Albert H., Tulsa, Okla. Sucker-rod elevator. 1,624,799; Apr. 12.
Nelson, Christy, Square Butte, Mont. Sanitary cover and strainer for milk pails. 1,624,276; Apr. 12.
Nelson, Emil A., Detroit, Mich. Welding. 1,624,501; Apr. 12.
Nelson, Emil A., Abington, assignor to Budd Wheel Company, Philadelphia, Pa. Lifting lever for disk wheels. 1,624,356; Apr. 12.
Nelson, Horace O. (See Stokes, Thomas J., assignor.)
Nelson, Victor E., Redford, Mich. Packing ring. 1,624,671; Apr. 12.
Nesseler, Karl P., Elizabeth, N. J. Musical instrument. 1,624,061; Apr. 12.
Netter, Jacob, assignor to Theonett & Co., Chicago, Ill. Bottle. Des. 72,434; Apr. 12.

Nevills, John J., Sacramento, Calif., assignor to Libby McNeill & Libby, Chicago, Ill. Feeder. 1,624,175; Apr. 12.
New Departure Manufacturing Co., The. (See Vuilleumier, Albert, assignor.)
New Jersey Chain Corporation. (See Prestinari, Eugen, assignor.)
Newton, Albert E., Providence, assignor to Rhode Island Lace Works, Inc., West Barrington, R. I. Lace. Des. 72,435; Apr. 12.
Newton, Albert E., Providence, assignor to Rhode Island Lace Works, Inc., West Barrington, R. I. Lace. Des. 72,436; Apr. 12.
Newton, Albert E., Providence, assignor to Rhode Island Lace Works, Inc., West Barrington, R. I. Lace. Des. 72,437; Apr. 12.
Newton, Albert E., Providence, assignor to Rhode Island Lace Works, Inc., West Barrington, R. I. Lace. Des. 72,438; Apr. 12.
Nichols, John F., assignor to Crompton Company, Crompton, R. I. Pile fabric. Des. 72,439; Apr. 12.
Nichols, John F., assignor to Crompton Company, Crompton, R. I. Pile fabric. Des. 72,440; Apr. 12.
Nickerson, Gertrude L., assignor to The Warner Brothers Company, Bridgeport, Conn. Combination undergarment. 1,624,558; Apr. 12.
Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Phonic diaphragm. 1,624,357; Apr. 12.
Niederbayerische Cellulosewerke. (See Schneider, Adolf, assignor.)
Nilson, A. H., Machine Co., The. (See Olson, Mauritz, assignor.)
Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb and Sons, New York, N. Y. Preservation of oils. 1,624,358; Apr. 12.
Noga, Wladyslaw, Detroit, Mich. Silk and yarn thread tensioning and waxing devices. 1,624,844; Apr. 12.
Nordfors, Conrad. (See Wood, H. A. W., and Nordfors.)
Nordwick, Henry A., and P. J. Marchetti, Stockton, assignor to Duplex Motor Company, San Francisco, Calif. Internal-combustion engine. 1,624,277; Apr. 12.
Northrop, George E., assignor to Red Star Appliances, Inc., Stamford, Conn. Mailing machine. 1,624,899; Apr. 12.
Northwest Blower Kiln Company. (See Mueller, Moritz L., assignor.)
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Liquid-level gauge. 1,624,359; Apr. 12.
Norviel, Harry E., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Ignition apparatus. 1,624,113; Apr. 12.
Norviel, Harry E., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Control fixture. 1,624,114; Apr. 12.
Nyberg, Herman D., Norrkoping, Sweden. Galvanic cell. 1,624,845; Apr. 12.
Obergfell, Herbert F. (See Ray, A. J., Madsen, and Obergfell.)
Obergfell, Herbert F., River Forest, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic switch mounting. 1,624,502; Apr. 12.
O'Connell, John J., assignor to Hopedale Manufacturing Company, Milford, Mass. Temple roll. 1,624,503; Apr. 12.
O'Connor, George B., New York, N. Y. Hair-waving comb. 1,624,757; Apr. 12.
O'Connor, Thomas E., Minneapolis, Minn. Burglar alarm. 1,624,176; Apr. 12.
Oil Appliance Manufacturing Corporation. (See Shipley, Marion R., assignor.)
Oliver, Fay, Whittier, Calif., assignor to Elliott Core Drilling Company. Core drill. 1,624,146; Apr. 12.
Oliver, Walter E., Woodcliff, N. J. Rotary printing press. 1,624,062; Apr. 12.
Olsen, Carl G., and F. W. England, assignors to Illinois Tool Works, Chicago, Ill. Hob-grinding machine. Re16,590; Apr. 12.
Olsen, Oscar, Boyceville, Wis. Axle attachment. 1,624,278; Apr. 12.
Olson, Mauritz, assignor to The A. H. Nilson Machine Co., Bridgeport, Conn. Chain-making machine. 1,624,063; Apr. 12.
O'Neill, Henry W., Elmhurst, assignor to Western Electric Company, Incorporated, New York, N. Y. Communication system. 1,624,672; Apr. 12.
O'Neill, Patrick S., Aicken's Township, Westland, New Zealand. Breaking-down saw. 1,624,064; Apr. 12.
Oppenheim, Ferdinand S., New York, N. Y. Container. 1,624,360; Apr. 12.
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Humbrecht, Jules, assignor.)
Orange Lighting Fixture Manufacturing Co. (See Siedell, Alfred P., assignor.)
Orr, William S., assignor, by mesne assignments, to Central Alloy Steel Corporation, Massillon, Ohio. Mechanism for operating ore-bin gates. 1,624,177; Apr. 12.
Ortiz-Escofet, Juan. (See Triana, André E. L. and R. J. A., and Ortiz-Escofet.)
Osborn, Lemon L., Los Angeles, Calif. Hydrodynamic power machine. 1,624,115; Apr. 12.
Osborn, Warren M., Chicago, Ill. Rail chair. Re16,592; Apr. 12.

Osnos, Mendel, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany. Circuit arrangement for high-frequency sending stations. 1,624,006; Apr. 12.

Osnos, Mendel, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany. Frequency changer for short waves. 1,624,065; Apr. 12.

Osnos, Mendel, and L. Kasarnowsky, assignors to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wireless signaling. 1,624,005; Apr. 12.

Ottensener Waagenfabrik Albert Essmann & Co., The. (See Essmann, Heinrich A., assignor.)

Outlook Company, The. (See Lippert, Samuel, assignor.)

Ow, Joseph W. W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Lifting truck for circuit-breaker tanks. 1,624,361; Apr. 12.

Owen, Tom M., Wallace, and M. P. Dalton, Mullan, Idaho. Flotation apparatus. 1,624,559; Apr. 12.

P & M Company, The. (See Warr, Harold G., assignor.)

Packer, Eldredge H., San Francisco, Calif. Piston ring. 1,624,279; Apr. 12.

Paige, Arthur E., Philadelphia, Pa. Radiocommunication. 1,624,673; Apr. 12.

Paine, Louis A., assignor to Lincoln Meter Company, Limited, Toronto, Ontario, Canada. Alternating-current meter. 1,624,178; Apr. 12.

Palka, Andrew, Detroit, Mich. Radiator casing. Des. 72,441; Apr. 12.

Palmer, Elton J. (See Pectal, O. J., and Palmer.)

Palmer, Essie R., Savannah, Ga. Automobilist's glove. 1,624,429; Apr. 12.

Palmer, James A., assignor to Taunton Pearl Works, Inc., Taunton, Mass. Teething device for infants. 1,623,969; Apr. 12.

Parke Davis & Company. (See Dox, Arthur W., assignor.)

Parkersburg Rig & Reel Company, The. (See Schwemlein, William, assignor.)

Parkhurst, Karl C., Wichita, Kans. Traffic signal. 1,624,900; Apr. 12.

Parsons, Charles A., and S. S. Cook, Newcastle-on-Tyne, England, said Cook assignor to said Parsons. Device suitable for measuring the axial thrust of rotatable shafts. 1,624,430; Apr. 12.

Passer, Hugo W. (See Bohmsack, Harry C., assignor.)

Paterson, Dougald S., Philadelphia, Pa., and G. B. Petsche, Yonkers, N. Y. Filing machine. 1,624,846; Apr. 12.

Patton, Carl B. (See Blaine, J. G., and Patton.)

Paul, A. C., et al, trustees. (See Curtis, Lewis E., assignor.)

Payne, Edward B., Great Neck, assignor to Western Electric Company, Incorporated, New York, N. Y. Inductance coil and manufacturing the same. 1,624,560; Apr. 12.

Pectal, Oliver J., and E. J. Palmer, Philmont, N. Y. Multiple marker and spacer. 1,624,622; Apr. 12.

Pedersen, Herman, Bathbeach, N. Y. Supplying fuel to explosive engines. 1,624,623; Apr. 12.

Pederson, Harold G. (See Llewellyn, L. M., and Pederson.)

Pellow, Charles E., Detroit, Mich. Castellating machine. 1,624,180; Apr. 12.

Pelton Water Wheel Company. (See Hutchinson, E. C., and Foulds, assignors.)

Penberthy, Ernest, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid-pressure tool. 1,624,179; Apr. 12.

Pennsylvania Crusher Company. (See Borton, George W., assignor.)

Percey, Earl E., Jerome, Idaho. Gas generator. 1,624,431; Apr. 12.

Perfect Window Regulator Corporation. (See Goldsmith, B. J., and Koch, assignors.)

Perry, John M., Vosburg, Miss. Check-controlled mechanism. 1,623,970; Apr. 12.

Petersen, Alfred O. H., Altona/Elbe, Germany, assignor to N. V. Nederlandsche Installatie Maatschappij Therma, Amsterdam, Netherlands. Condensing apparatus. 1,624,066; Apr. 12.

Petitclerc, Neri J., St. Louis, Mo. Fuel economizer. 1,624,067; Apr. 12.

Petri-Palmedo, Anna E. E., executor. (See Petri-Palmedo, David.)

Petri-Palmedo, David, deceased; A. E. E. Petri-Palmedo, executrix, Berlin-Charlottenburg, Germany, assignor to Standard Compositor Aktiengesellschaft; Berlin, Germany. Matrix-setting and line-casting machine. 1,623,971; Apr. 12.

Petsche, Gustav B. (See Paterson, D. S., and Petsche.)

Petteys, Willard A., Wilcox, Nebr. Dust and chaff collector for grain-elevator heads. 1,624,800; Apr. 12.

Pfarr, John H., Newark, N. J. Flower holder. 1,624,504; Apr. 12.

Philips', N. V., Gloeilampenfabrieken. (See de Boer, Jan H., assignor.)

Phipps, John M. (See Williams, Willard C., assignor.)

Pierce, Howard W., Butte, Mont., assignor to L. M. Stellmann, Onondaga County, N. Y. Piston and piston-pin construction. 1,623,972; Apr. 12.

Pierce, Josiah, executor. (See Pierce, Vinton U. D.)

Pierce, Vinton U. D., deceased, Asheville, N. C., J. Pierce, executor. Internal-combustion engine. 1,624,432; Apr. 12.

Pillet, Aglibert, Buenos Aires, Argentina. Hame for draft horses or mules. 1,624,624; Apr. 12.

Pillsbury, Franklin H., Arlington, N. J. Textile fabric. Des. 72,442; Apr. 12.

Pitman, Henry L., Westfield, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,624,068; Apr. 12.

Plum, Stephen H., 2d, Madison, and A. Ackley, Camden, N. J., assignors to American Typefounders Company. Sheet-feeding mechanism. 1,624,069; Apr. 12.

Poeppel, Emil O. H., Chicago, Ill. Radiator relief valve. 1,624,362; Apr. 12.

Poindexter, Robert W., jr., Los Angeles, and P. T. Dolley, Los Angeles County, Calif., assignors to California Cyanide Company, Incorporated, New York, N. Y. Preparing alkali metal cyanides. 1,624,147; Apr. 12.

Pollack, Essye K., New York, N. Y. Bust confiner. 1,623,973; Apr. 12.

Pollak, Alfred, Vienna, Austria. Producing lactic acid from sugar-containing raw materials by means of lactic-acid bacteria. 1,624,674; Apr. 12.

Pooley Company. (See Pooley, Edward F., assignor.)

Pooley, Edward F., assignor to The Pooley Company, Philadelphia, Pa. Radiocabinet. Des. 72,443; Apr. 12.

Pooley, Edward F., assignor to The Pooley Company, Philadelphia, Pa. Radiocabinet. Des. 72,444; Apr. 12.

Post, Claude L., Chicago, Ill. Clamping means for printing slugs and the like. 1,623,974; Apr. 12.

Post, Claude L., Chicago, Ill. Printing apparatus. 1,623,975; Apr. 12.

Post, Claude L., Chicago, Ill. Feeding mechanism. 1,623,976; Apr. 12.

Powell, Edwin L., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Signal receiving circuits. 1,624,148; Apr. 12.

Powell, Hezekiah, Kansas City, Mo., and W. P. Groves, Edwardsville, Kans. Electric shoe cleaning and polishing machine. 1,624,758; Apr. 12.

Powers, Donald H. (See Elley, H. W., and Powers.)

Pratt, Arthur D. (See Jacobus, D. S., and Pratt.)

Pratt, Ernest C., Minneapolis, Minn. Mining coal. 1,624,505; Apr. 12.

Preiswerk, Ernst, Basel, Switzerland, assignor to The Hoffmann-La Roche Chemical Works, New York, N. Y. O-O-Diacyl derivatives of diphenolisatine and manufacture of same. 1,624,675; Apr. 12.

Prestinari, Eugen, Pawtucket, R. I., assignor to New Jersey Chain Corporation, Newark, N. J. Bracelet hook. 1,624,561; Apr. 12.

Preston, Francis W. (See Taylor, W., and Preston.)

Preston, George E. (See Colbert, C. C., and Preston.)

Proctor & Schwartz, Incorporated. (See Hurxthal, Alpheus O., assignor.)

Producers Pictures Corporation, The. (See Kern, George H., assignor.)

Protectolite Co., The. (See Rosemier, George M., assignor.)

Pruden, Harold M., Wyoming, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Carrier-wave signaling system. 1,624,506; Apr. 12.

Purdy, Walter S., Huntington, W. Va., assignor to F. H. Gibbs, trustee, New York, N. Y. Mine car. 1,624,801; Apr. 12.

Putnam, Albert J., and J. W. Wilson, Kalispell, Mont. Artificial bait. 1,624,116; Apr. 12.

Quigan, Frank J., Brooklyn, N. Y. Vanity-case frame. 1,624,070; Apr. 12.

Radio Corporation of America. (See Agate, C. S., and Willans, assignors.)

Radio Corporation of America. (See Carter, Philip S., assignor.)

Radio Corporation of America. (See Clark, George H., assignor.)

Radio Corporation of America. (See Round, Henry J., assignor.)

Radley, Samuel S., Gardner, assignor to Evans Case Co., Attleboro, Mass. Loose-powder container. 1,624,874; Apr. 12.

Ramdor, Emil, Duisberg-on-the-Rhine, Germany, assignor of one-half to W. E. Leuchtenberg, New York, N. Y. Desulphurizing coal, water or mixed gases for illuminating or heating. 1,624,625; Apr. 12.

Rail, Joseph, and H. E. Sprow, Rockville, Ind. Automobile side light. 1,624,433; Apr. 12.

Ransome, Stafford M., assignor to Barber-Colman Company, Rockford, Ill. Nut and screw feed. 1,624,676; Apr. 12.

Rapp, William F., Chicago, Ill. Screen hanger. 1,624,181; Apr. 12.

Rasmusen, Andrew M., Montrose, Colo. T square. 1,624,280; Apr. 12.

Ray, Arthur J., Chicago, Ill.; F. T. Madsen, Green Bay, Wis.; and H. F. Obergfell, River Forest, Ill., assignors, by mesne assignments, to Automatic Electric, Inc., Chicago, Ill. Automatic telephone system. 1,624,007; Apr. 12.

Reach, George A. (See Barrett, William, assignor.)

Reap, Stephen J., Olyphant, Pa. Cage-locking means. 1,624,759; Apr. 12.

Rebell, Fred, North Fremantle, Australia. Concrete reenforcing bond and connecter. 1,624,802; Apr. 12.

Rebora, Stephen F., Chicago, Ill. Toaster. 1,624,182; Apr. 12.

Redfield, William C., Cincinnati, Ohio. Typographical machine. 1,624,434; Apr. 12.

Red Star Appliances, Inc. (See Northrop, George E., assignor.)

Redus, James E., Memphis, Tenn. Delinter. 1,624,435; Apr. 12.

Reeves, Milton O., assignor to Reeves-Pulley Company, Columbus, Ind. Variable-speed reduction gearing. 1,624,895; Apr. 12.

Reeves-Pulley Company. (See Reeves, Milton O., assignor.)

Reid, Fred A., St. Louis, Mo. Advertising-display device. 1,624,507; Apr. 12.

Reilly, Frank C., New York, N. Y. Wrench. 1,624,508; Apr. 12.

Reiter Company. (See McGill, Chester T., assignor.)

Remington Arms Company. (See Marshall, Norman, assignor.)

Rex Manufacturing Company. (See Hull, Matthew R., assignor.)

Rey, Augustin, Sains, France. Pump. 1,624,363; Apr. 12.

Reynolds Machine Company, The. (See Steen, James C., assignor.)

Rhode Island Lace Works, Inc. (See Newton, Albert E., assignor.)

Rice, Joseph, assignor to Elevator Company of America, Chicago, Ill. Elevator platform. 1,623,977; Apr. 12.

Richard, Charles D., West New Brighton, and G. T. Morris, assignors to Western Electric Company, Incorporated, New York, N. Y. Coil with multiple adjustments. 1,624,364; Apr. 12.

Richardson, Charles M., and Z. E. Sargisson, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for reeling strip material. 1,624,183; Apr. 12.

Richardson, Henry K., East Orange, N. J., assignor to Westinghouse Lamp Company. Affixing coatings on incandescent-lamp filaments. 1,624,071; Apr. 12.

Ricker, Chester S., Indianapolis, Ind. Change-speed governor. 1,624,008; Apr. 12.

Riley, Champlain L., North Plainfield, N. J., assignor to Industrial Associates, Incorporated, New York, N. Y. Method and apparatus for atomization of fluids. 1,624,847; Apr. 12.

Riley, Robert S., assignor to S. Riley Stoker Corporation, Worcester, Mass. Furnace-wall construction. 1,624,009; Apr. 12.

Riley, Robert S., assignor to S. Riley Stoker Corporation, Worcester, Mass. Side-wall construction for furnaces. 1,624,803; Apr. 12.

Riley, S., Stoker Corporation. (See Riley, Robert S., assignor.)

Risberg, Johannes V. M., Sodertelje, assignor to Aktiebolaget Baltic, Stockholm, Sweden. Self-adjusting centrifugal bowl. 1,624,117; Apr. 12.

Rissler, Albin P., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam and constructing the same. 1,624,509; Apr. 12.

Ritchie, W. C., & Company. (See Stock, Julius A., assignor.)

Röber, Constantin F., assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Muller & Co., Dresden, Germany. Device for intermittently driving cigarette-machine shafts. 1,623,978; Apr. 12.

Robinson, Francis T., Brooklyn, assignor to Arkell Safety Bag Company, New York, N. Y. Bag or lining. 1,624,626; Apr. 12.

Robinson, Thomas T., assignor to Bridgeport Brass Company, Bridgeport, Conn. Tube-bending machine. 1,624,804; Apr. 12.

Rollman, Michael A., Mount Joy, Pa. Food receptacle. 1,624,010; Apr. 12.

Rolls-Royce Limited. (See Royce, F. H., and Elliott, assignors.)

Romero, Alfredo L., San Francisco, Calif. Lanterns called personal character reader. 1,624,149; Apr. 12.

Rondi, Victor L., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,624,562; Apr. 12.

Rosemier, George M., assignor to The Protectolite Co., Inc., New York, N. Y. Automobile light. 1,624,436; Apr. 12.

Rosenberg, Abraham, Far Rockaway, N. Y. Producing apparel ornaments. 1,624,805; Apr. 12.

Ross, Ernest. (See Farrand, C. L., Ross, and Godley.)

Ross, Harry M., assignor of one-half to Beveridge Paper Company, Indianapolis, Ind. Mottling device for paper making. 1,624,184; Apr. 12.

Ross, James G. (See Martus, M. L., Becker, and Ross.)

Rossi, Angelo, Santa Rosa, Calif. Valve-operating structure for motor cycles. 1,624,365; Apr. 12.

Rothschild, Max, New York, N. Y., assignor to Susquehanna Silk Mills. Textile fabric. Des. 72,445; Apr. 12.

Rothschild, Max, New York, N. Y., assignor to Susquehanna Silk Mills. Textile fabric. Des. 72,446; Apr. 12.

Rothschild, Max, New York, N. Y., assignor to Susquehanna Silk Mills. Textile fabric. Des. 72,447; Apr. 12.

Round, Henry J., London, England, assignor to Radio Corporation of America. Wireless receiving circuits. 1,624,185; Apr. 12.

Roudanez, Georges, assignor, by mesne assignments, to L. J. Roudanez, Chicago, Ill. Bolt-locking device. 1,624,563; Apr. 12.

Roudanez, Lucille J. (See Roudanes, Georges, assignor.)

Rowley, James H., assignor to The Sykes Company, Chicago, Ill. Door structure. 1,624,760; Apr. 12.

Royal Typewriter Company. (See Degener, Gustavo O., assignor.)

Royce, Frederick H., and A. G. Elliott, West Wittering, near Chichester, assignors to Rolls-Royce Limited, Derby, England. Support of aero engines. 1,624,761; Apr. 12.

Royston Paper Company, The. (See Atkinson, Thomas M., assignor.)

Ruddick, John J., West Newton, Mass. Trolley switch. 1,624,011; Apr. 12.

Ruddick, John J., West Newton, Mass. Trolley switch. 1,624,012; Apr. 12.

Rudge-Whitworth Limited. (See Heathcote, Henry L., assignor.)

Rushton, Eugene R., Madison, Wis. Producing arsenic compounds. 1,624,281; Apr. 12.

Russell, Leon L., Livermore Falls, Me. Game. 1,624,282; Apr. 12.

Rüttenauer, Alfred, Charlottenburg, Berlin, and G. Galdies, Pankow, Berlin, Germany, assignors to General Electric Company. Reflector lamp. 1,624,762; Apr. 12.

Rutz, Frank C., Rockford, Ill. Hand brake for railway cars. 1,624,510; Apr. 12.

Ryan, John J., Chicago, Ill. Valve. 1,624,186; Apr. 12.

Ryder, Parmly H., and C. W. Moore, Bucyrus, Ohio, assignor to Smokeless Oil Burner Company. Oil burner. 1,624,806; Apr. 12.

Ryding, Herbert C., and A. B. Haswell, Birmingham, Ala. Heating furnace. 1,624,763; Apr. 12.

St. John, Ancel, Brooklyn, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc. X-ray filter. 1,624,443; Apr. 12.

Sale, Burt, Riverside, Calif. Nut lock. 1,624,764; Apr. 12.

Salmi, Johan P., Chicago, Ill. Saw. 1,624,072; Apr. 12.

Sand Spun Patents Corporation. (See Moore, William D., assignor.)

Sargisson, Zaccheus E. (See Richardson, C. M., and Sargisson.)

Sargood, Harry M. (See McQuinn, Thomas H., assignor.)

Savio, Ignazio, Genoa, Italy. Dinner table on ships. 1,624,437; Apr. 12.

Schaap, Alexander K., jr., Brooklyn, assignor to The Schaap-Durant Control Corporation, New York, N. Y. Liquid-level gauge. Re16,589; Apr. 12.

Schaap-Durant Control Corporation. (See Schaap, Alexander K., jr., assignor.)

Schaeffer, Dorman, Helena, Mont. Riding toy. 1,624,627; Apr. 12.

Schaeffer, Dorman, Helena, Mont. Riding toy. 1,624,628; Apr. 12.

Schaffer & Goldberg. (See Goldberg, Carl M., assignor.)

Scharf, John H. (See Leppke, L. A. and Scharf.)

Scheffey, George B., Weehawken, N. J., assignor to W. L. Long, Roanoke Rapids, N. C. Labeling mechanism. 1,624,366; Apr. 12.

Scheffey, George B., Weehawken, N. J., assignor to W. L. Long, Roanoke Rapids, N. C. Cut-off mechanism. 1,624,367; Apr. 12.

Scherer, John, Marinette, Wis. Lumber gauge. 1,624,150; Apr. 12.

Schildknecht, Leo, assignor to Landis Machine Company, St. Louis, Mo. Stitch remover. 1,624,013; Apr. 12.

Schinner, Joseph A., Greenfield, Ohio. Pneumatic pad. 1,624,807; Apr. 12.

Schlafly, Julius H., Canton, Ohio, assignor to Central Alloy Steel Corporation, New York, N. Y. Metal-lath-attaching clip. 1,624,187; Apr. 12.

Schmeh, William C., Park Ridge, N. J. Target game. 1,624,765; Apr. 12.

Schnaier, Milton, New York, N. Y. Apparatus for freezing and molding confections. 1,624,678; Apr. 12.

Schnaier, Milton, New York, N. Y. Apparatus for freezing and molding confections. 1,624,679; Apr. 12.

Schneider, Adolf, assignor to Niederbayerische Cellulosewerke, Kelheim-on-the-Danube, Germany. Apparatus for vaporizing liquids. 1,624,014; Apr. 12.

Schneider, Hermann. (See Straub, F., and Schneider.)

Schnieders, John B. (See Mumaw, J. H., Schnieders, and Haas.)

Schoenholz, Irving. (See McCabe, C. J., and Schoenholz.)

Scholl, William T., Oakland City, Ind. Oral kit. 1,624,015; Apr. 12.

Scholten, George W., Muscatine, Iowa. Ham presser. 1,624,808; Apr. 12.

Schroder, William, Covington, Ky., assignor to The Sebastian Lathe Company, Cincinnati, Ohio. Fastening device. 1,624,766; Apr. 12.

Schroeder, Simon E., Oak Park, Ill. Wringer. 1,624,073; Apr. 12.

Schuck, Anthony G., Los Angeles, Calif. Ventilating apparatus. 1,624,016; Apr. 12.

Schussler, Charles, Blue Island, Ill. Car-door opening and closing mechanism. 1,624,680; Apr. 12.

Schwarber, Henry, Weehawken, N. J. Embroidered lace medallion. Des. 72,448; Apr. 12.

Schwarz, Ernest M., Philadelphia, Pa. Window screen. 1,624,368; Apr. 12.

Schwemlein, William, assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Bolt. 1,624,767; Apr. 12.

Schweyer, Daniel H., Easton, Pa. Automatic train control. 1,624,118; Apr. 12.

Schwieger, Adolf, Hanover, Germany. Tin with tightly-closing cover. 1,624,901; Apr. 12.
Scott, Aaron A., Tigrett, Tenn. Incubator. 1,624,629; Apr. 12.
Scott, Guy F., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Inclosed receptacle. 1,624,438; Apr. 12.
Scott, Lewis L., St. Louis, Mo. Combined boiler and incinerator system. 1,624,681; Apr. 12.
Seaholm, Ernest W., Detroit, Mich. Radiator cap. Des. 72,449; Apr. 12.
Sealock, John W., and M. De Graaf, Grand Rapids, Mich., assignors to Wolverine Metal Specialties Co. Closure-swinging device. 1,624,677; Apr. 12.
Sears, Edward M., Yakima, Wash. Removing residual poisons from fruit. 1,624,074; Apr. 12.
Sebastian Lathe Company, The. (See Schroder, William, assignor.)
Seidell, Alfred P., Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co. Lighting-fixture husk or similar article. Des. 72,450; Apr. 12.
Seidell, Alfred P., Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co. Lighting-fixture arm. Des. 72,451; Apr. 12.
Seidell, Alfred P., Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co. Chandelier. Des 72,452; Apr. 12.
Seidell, Alfred P., Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co. Backplate for lighting fixture. Des. 72,453; Apr. 12.
Seidell, Alfred P., Bloomfield, N. J., assignor to Orange Lighting Fixture Manufacturing Co. Lighting-fixture plate. Des. 72,454; Apr. 12.
Selective Treatment Company Limited. (See Dolbear, S. H., and Eastman, assignors.)
Selective Treatment Company Limited. (See Dolbear, S. H., and Zachert, assignors.)
Sell, Helmut, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, Germany. Microphonic relay. 1,624,511; Apr. 12.
Senat, Herbert D., Glen Olden, Pa. 1,624,439; Apr. 12.
Senter, James D., et al. (See Bobbitt, Conrad E., assignor.)
Serra, Julius H., West New Brighton, N. Y. Concrete wall construction and block therefor. 1,624,369; Apr. 12.
Sewell, John B., Zanesfield, Ohio. Snow-clearing apparatus for automobiles. 1,624,809; Apr. 12.
Shackelton, William J., Scotch Plains, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Inductance device and manufacturing the same. 1,624,630; Apr. 12.
Shapiro, Philip C., assignor to Siegel Light Supply Company, Philadelphia, Pa. Smoking stand. Des. 72,455; Apr. 12.
Shardlow, Harry, assignor to Solar Lighting Fixture Co., Los Angeles, Calif. Lighting-fixture bracket. Des. 72,456; Apr. 12.
Shartle, Charles W., Middletown, Ohio. Stock beater. 1,624,875; Apr. 12.
Shawmut Engineering Company. (See Mason, H., Bixby, and Bogan, jr., assignors.)
Shea, Timothy E. (See Johnson, K. S., and Shea.)
Shea, Timothy E., Rutherford, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated. Electrical network. 1,624,682; Apr. 12.
Shetzline, Samuel R., jr., Philadelphia, Pa., and E. A. Dodelin, Moorestown, N. J. Shoe-lace fastener. 1,624,564; Apr. 12.
Shevlin, Joseph, P., assignor to Aladdin Hydraulic Jack Company, Denver, Colo. Hydraulic jack. 1,624,151; Apr. 12.
Shields, Carl E., Rock Island, Ill. Toaster. 1,624,017; Apr. 12.
Shields, George A., Columbus, Ohio. Apparatus for making transparent sheet glass. 1,624,283; Apr. 14.
Shimer, William R., Bethlehem, Pa., assignor to Bethlehem Steel Company. Steel of high-temperature stability. 1,624,075; Apr. 12.
Shipley, Elmer E., Washington, D. C., Window-cleaning device. 1,624,284; Apr. 12.
Shipley, Grant B., Pittsburgh, Pa. Wood-treating apparatus. 1,623,979; Apr. 12.
Shipley, Marion R., Manhattan Beach, assignor, by mesne assignments, to Oil Appliance Manufacturing Corporation, Los Angeles, Calif. High-pressure cock having automatic seating plug. 1,624,512; Apr. 12.
Short, William J., Heber Springs, Ark. Automatic carburetor adjustment. 1,624,631; Apr. 12.
Siders, Chauncy A., Twelve Mile, Ind. Log-loading truck. 1,624,285; Apr. 12.
Siegel Light Supply Company. (See Shapiro, Philip C., assignor.)
Siemens & Halske Aktiengesellschaft. (See Sell, Helmut, assignor.)
Simkins, Clifford E. J., San Francisco, Calif. Device for lifting assembly elevators. 1,624,119; Apr. 12.
Simmons, Frank L., assignor to The Taft-Peirce Manufacturing Company, Woonsocket, R. I. Magnetic bar pole chuck. 1,624,076; Apr. 12.
Simon, Henry, Limited. (See Mitchell, Alfred H., assignor.)
Simon, Robert, assignor to The Lawrence Sperry Aircraft Company, Farmingdale, N. Y. Device for launching and landing airplanes from and upon suspended positions. 1,624,188; Apr. 12.
Simond, Walter A. (See Stroud, P. G., and Simond.)
Simpson, Bryant, Washington, D. C. Tailor's measure. 1,624,768; Apr. 12.
Sivian, Leon J. (See Fletcher, H., and Sivian.)
Skok, Lawrence, assignor to The Apex Spring Cover Company, Cleveland, Ohio. Metal casing for leaf springs. 1,624,683; Apr. 12.
Slater, Harry, Hawthorne, Calif. Air-operated device. 1,624,018; Apr. 12.
Slepian, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Voltage regulator. 1,624,370; Apr. 12.
Slezak, Vincent, Chicago, Ill. Measuring and weighing device. 1,624,019; Apr. 12.
Small, John S., New York, N. Y. File. 1,623,980; Apr. 12.
Small, John S., Topeka, Kans. Paper file 1,623,981; Apr. 12.
Smith & Davis Mfg. Co. (See Duvall, William J., assignor.)
Smith, Andrew, Milwaukee, Wis. Clutch control. 1,624,513; Apr. 12.
Smith, Arthur J., Tappan, assignor to James F. Doolan Manufacturing Corporation, New York, N. Y. Tie Clasp. 1,624,514; Apr. 12.
Smith, Eugene W., New York, N. Y. Combination level. 1,624,684; Apr. 12.
Smith, George M., Cincinnati, Ohio. Spark intensifier for electric currents. 1,623,982; Apr. 12.
Smith, H. Leslie, et al. (See Wilson, John H., assignor.)
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Manifold-web-printing machine. 1,624,685; Apr. 12.
Smith, Louis P., assignor to Ithaca Gun Company, Ithaca, N. Y. Danger signal for firearms. 1,624,876; Apr. 12.
Smith, Louis P., assignor to Ithaca Gun Company, Ithaca, N. Y. Barrel-locking mechanism for break-down guns. 1,624,877; Apr. 12.
Smith, Louis P., assignor to Ithaca Gun Company, Ithaca, N. Y. Hammer-position indicator. 1,624,878; Apr. 12.
Smith, Louis P., assignor to Ithaca Gun Company, Ithaca, N. Y. Barrel-locking device for break-down guns. 1,624,879; Apr. 12.
Smith, Nevin B., Hamburg, Pa. Nipple-threading machine. 1,624,632; Apr. 12.
Smith, Rensselaer J., South Bethlehem, assignor to The Batles-Lite Co., Albany, N. Y. Flash light. 1,624,686; Apr. 12.
Smith, William H., Oakland Calif. Tank-filling means. 1,624,687; Apr. 12.
Smitham, James A., assignor to Valley Iron Works, San Juan, Tex. Head gate. 1,624,152; Apr. 12.
Smithe, F. L., Machine Co., The. (See Novick, Abraham, assignor.)
Smokeless Oil Burner Company. (See Ryder, P. H., and Moore, assignors.)
Snelling, Walter O., Allentown, Pa., assignor to Gasoline Products Company, Inc., New York, N. Y. Treatment of oils. 1,624,848; Apr. 12.
Society of Chemical Industry in Basle. (See Straub, F., and Schneider, assignors.)
Söderlund, Olof, and T. Boberg, Clapham Park, and N. Testrup, Westminster, assignors to Techno-Chemical Laboratories, Limited, London, England. Removal of water from peat and the like. 1,624,769; Apr. 12.
Sohn, Archie C. (See Taylor, A. B., Long, and Sohn.)
Solar Lighting Fixture Co. (See Shardlow, Harry, assignor.)
Solomon, Samuel N. (See Warren, A., and Solomon.)
South Bend Watch Company. (See Zesinger, William R., assignor.)
Squibb, E. R., and Sons. (See Nitardy, Ferdinand W., assignor.)
Speer, Alexander S., Buffalo, N. Y., assignor, by mesne assignments, to Central Trust Company of Illinois and A. K. Bodhoidt, Evanston, Ill., trustees. Machine for making shingle strips. 1,623,983; Apr. 12.
Speicher, George J., Miners Mill, Pa. Cover for jars and the like. 1,624,440; Apr. 12.
Spencer, Millard C., East Orange, assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J. Maintaining motors in definite speed relation. 1,624,880; Apr. 12.
Spencer, Philip L., Millbury, Mass., assignor to J. H. Williams Company, Utica, N. Y. Harness for looms. 1,624,515; Apr. 12.
Spencer, Philip L., Millbury, Mass., assignor to J. H. Williams Company, Utica, N. Y. Shuttle. 1,624,516; Apr. 12.
Spoerri, Eugene D., Omaha, Nebr. Measuring and reeling device. 1,624,633; Apr. 12.
Sport, S. A. Bienne. (See Bovard, Fritz, assignor.)
Sprick, Herbert, Leipzig, Germany. Nut-tapping machine. 1,624,902; Apr. 12.
Springer, John E., and R. A. Harry, Baltimore, Md. Electric switch. 1,624,120; Apr. 12.
Sproesser, William C., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Incandescent electric lamp. 1,624,077; Apr. 12.

Sprow, Henry E. (See Rall, J., and Sprow.)
Stacy, Eugene C., Tiffin, Ohio. Swivel link. 1,624,441; Apr. 12.
Staege, Stephen A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Drying machine. 1,624,371; Apr. 12.
Stamp, Burnie A., assignor, by mesne assignments, to Stamp Rightway Conveyor Company, Brooklyn, N. Y. Poultry crate. 1,624,517; Apr. 12.
Stamp Rightway Conveyor Company. (See Stamp, Burnie A., assignor.)
Standard Compositor Aktiengesellschaft. (See Petri-Palmedo, David, assignor.)
Stanley Works, The. (See Cook, Harris J., assignor.)
Starr, Perl L., Chicago, Ill. Grinding tool. 1,624,634; Apr. 12.
Starr, Perl L., Chicago, Ill. Cylinder-grinding tool. 1,624,635; Apr. 12.
Stastny, Rudolph B., Wilber, Nebr. Dandelion grubber. 1,624,442; Apr. 12.
Stebbins, Albert H., Los Angeles, Calif. Air-blast classifier. 1,624,518; Apr. 12.
Stebbins, Albert H., Los Angeles, Calif. Air-blast classifier. 1,624,519; Apr. 12.
Stedefeld, Curt. (See Kruckenberg, F., and Stedefeld.)
Steel, Charles W., and R. T. Griffiths, assignors to The Miller Rubber Company, Akron, Ohio. Method of and apparatus for making hollow articles. 1,624,849; Apr. 12.
Steele, Edward J., Des Moines, Iowa. Valve. 1,624,850; Apr. 12.
Steen, James C., assignor to The Reynolds Machine Company, Massillon, Ohio. Screw-driving machine 1,624,189; Apr. 12.
Steilmann, Louis M. (See Pierce, Howard W., assignor.)
Stewart, Fred W., assignor to United States Glass Company, Pittsburgh, Pa. Light shade or similar article. Des. 72,457; Apr. 12.
Stock, Julius A., Cicero, assignor to W. C. Ritchie & Company, Chicago, Ill. Capping machine. 1,624,286; Apr. 12.
Stockmans, Charles, Antwerp, Belgium. Loose-leaf ledger. 1,624,020; Apr. 12.
Stoddard, Elliott J., Detroit, Mich. Radiator. 1,624,565; Apr. 12.
Stoetzel, Joseph J., Queens Village, assignor to G. & G. Atlas Systems, Inc., New York, N. Y. Pneumatic-tube apparatus. 1,624,078; Apr. 12.
Stoeltzlen, Charles L., Erie, Pa., assignor to Burke Electric Company. Switch lock. 1,624,372; Apr. 12.
Stokes, Thomas J., assignor of one-half to H. O. Nelson, Jefferson, Tex. Air valve. 1,624,021; Apr. 12.
Stoller, Hugh M., Mountain Lakes, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Control regulator. 1,624,566; Apr. 12.
Stone, Edward N., Ogden, Utah, assignor of one-half to Cresson-Morris Company, Philadelphia, Pa. Screen wall for centrifugal baskets. 1,624,287; Apr. 12.
Stone, Edward N., Ogden, Utah, assignor to Cresson-Morris Company, Philadelphia, Pa. Screen wall for centrifugal baskets. 1,624,288; Apr. 12.
Stouffer, Smith A., Kingview, Pa. Road machine. 1,623,984; Apr. 12.
Strand, Henry, Cleveland, Ohio. Portable honing or lapping machine. 1,624,636; Apr. 12.
Straub, Fritz, Basel, and Hermann Schneider, Riehen, near Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs and making same. 1,624,637; Apr. 12.
Strecker, Andrew M., Phroso, Okla. Press-wheel boxing for grain drills. 1,624,022; Apr. 12.
Strieby, Maurice E., and C. H. Fetter, Millburn, N. J., assignors to American Telephone and Telegraph Company. Equalization of transmission. 1,624,023; Apr. 12.
Strong, Mildred, S. (See Strong, Robert L., assignor.)
Strong, Robert L., assignor to M. S. Strong, Louisville, Ky. Undergarment. 1,624,444; Apr. 12.
Stroud, Paul G., Belmont, and Walter A. Simond, Franklin, assignors to Acme Knitting Machine & Needle Company, Franklin, N. H. Knitting machine. 1,624,373; Apr. 12.
Strouse, Albert F., Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company. Delivering coal to hoppers of continuous-fuel-feed stokers. 1,624,079; Apr. 12.
Stuart, Etta B., et al., executors. (See Stuart, Robert J.)
Stuart, Robert J., deceased, Poughkeepsie, N. Y.; E. B. Stuart and T. H. Stuart, executors. Table. 1,624,770; Apr. 12.
Stuart, Thomas H., et al., executors. (See Stuart, Robert J.)
Suida, Hermann, Modling, Austria. Concentration of dilute acetic acid. 1,624,810; Apr. 12.
Suida, Hermann, Modling, Austria. Concentration of dilute acetic acid. 1,624,811; Apr. 12.
Suida, Hermann, Modling, near Vienna, Austria. Concentrating dilute acetic acid. 1,624,812; Apr. 12.
Sullivan, Freda D., New York, N. Y. Heating device. 1,624,080; Apr. 12.
Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
Sun Oil Company. (See Thomas, Henry, assignor.)
Sun Shipbuilding & Dry Dock Company. (See Howitz, Alfred A., assignor.)
Susquehanna Silk Mills. (See Bunting, James H., assignor.)
Susquehanna Silk Mills. (See Rothschild, Max, assignor.)
Sutherland, Ernest E., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric toaster and grill. 1,624,445; Apr. 12.
Svenson, Ferdinand K., Detroit, Mich. Pneumatic wheel. 1,624,688; Apr. 12.
Svensson, Gustaf. (See Svensson, Oskar and G.)
Svensson, Oskar and G., Daglosen, Sweden. Fuel-feeding device of internal-combustion engines. 1,624,024; Apr. 12.
Swanson, Carl W., Chicago, Ill. Washing-machine cabinet. Des. 72,458; Apr. 12.
Swearingen, Fred, Pueblo, Colo. Automatic gate. 1,624,813; Apr. 12.
Sweetland, Ernest J., Montclair, N. J. Lubricating system of internal-combustion engines. 1,624,689; Apr. 12.
Swoboda, Adolph R., Newark, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated. Switching device. 1,624,374; Apr. 12.
Swope, Ernest E. (See Black, L. J., and Swope.)
Sykes Company, The. (See Rowley, James H., assignor.)
Symington Company, The. (See Barrows, Donald S., assignor.)
Symington Company, The. (See Kadel, Byers W., assignor.)
Szalla, Dezső, North Tonawanda, N. Y. Automatically-operated garage door. 1,624,814; Apr. 12.
Taft-Peirce Manufacturing Company, The. (See Simmons, Frank L., assignor.)
Taunton Pearl Works, Inc. (See Palmer, James A., assignor.)
Taylor, Arch B., Charlotte, C. T. Long, Winston-Salem, N. C., and A. C. Sohn, Pittsburgh, Pa., assignors to Taylor-Long Company, Charlotte, N. C. Bottle. Des. 72,459; Apr. 12.
Taylor, Halsey W., Warren, Ohio. Drinking fountain. 1,624,081; Apr. 12.
Taylor, Leslie W., Bournemouth, England. Tobacco pipe. 1,624,690; Apr. 12.
Taylor-Long Company. (See Taylor, A. B., Long, and Sohn, assignors.)
Taylor, Mark, Gainesville, assignor of eleven-twentieths to A. W. Beauprie, Atlanta, Ga. Brace plate. 1,624,289; Apr. 12.
Taylor-Wharton Iron and Steel Company. (See Andrews, Charles B., assignor.)
Taylor, William, and F. W. Preston, Leicester, England. Method of and apparatus for polishing. 1,624,290; Apr. 12.
Teague, Merwyn C., Elmhurst, N. Y., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Machine for dispersing various solids and liquids. 1,624,567; Apr. 12.
Techno-Chemical Laboratories, Limited. (See Söderlund, O., Boberg, and Testrup, assignors.)
Tefft, Ivan D., assignor to The Wahl Company, Chicago, Ill. Fountain pen. 1,624,190; Apr. 12.
Tekell, Louis O. (See Graham, A. J., and Tekell.)
Templeton, William R., Roslindale, Mass. Trap. 1,624,446; Apr. 12.
Tenney, James A. (See Fletcher, O. H., and Tenney.)
Terwilliger, Charles O., Beacon, assignor to F. v. Briesen, trustee, New York, N. Y. Resin and making the same. 1,624,082; Apr. 12.
Terwilliger, Charles O., Bacon, assignor to F. v. Briesen, trustee, New York, N. Y. Resin and making the same. 1,624,638; Apr. 12.
Teusky, Karl, Esslingen-on-the-Neckar, Germany. Clutch. 1,624,025; Apr. 12.
Testrup, Nils. (See Söderlund, O., Boberg, and Testrup.)
Theonett & Co. (See Netter, Jacob, assignor.)
Thiem, Herman C., Rochester, N. Y. Anchoring flange. 1,624,121; Apr. 12.
Thom, James C., Chicago, Ill., assignor to Combination Machine Company, New York, N. Y. Container opener. 1,624,375; Apr. 12.
Thoma, George J., Portland, Oreg. Instantaneous setting of glue between surfaces. 1,624,691; Apr. 12.
Thomas, Henry, Ridley Park, assignor to Sun Oil Company, Philadelphia, Pa. Manufacturing gasoline. 1,624,692; Apr. 12.
Thomas, I. P., & Son Company. (See Wedge, Utley, assignor.)
Thomasen, John T., Carlton, Oreg. Fruit drier. 1,624,639; Apr. 12.
Thompson, Burchard D., Cyclone, assignor of one-half to J. L. Yerdon, Bradford, Pa. Fuel-control means for internal-combustion engines. 1,624,693; Apr. 12.
Thompson, Harry H. (See Heise, G. W., Thompson, and Chaney.)
Thompson, Theodore, assignor of one-half to A. V. Brown, Ely, Minn. Razor-strop stretcher. 1,624,851; Apr. 12.
Tietz, Walter M., Newark, N. J. Razor-blade holder. 1,624,640; Apr. 12.
Toennissen, Ernst, Unterhausen, Germany. Four cylinder drawhead. 1,624,815; Apr. 12.
Toledo Machine and Tool Company. (See Byerlein, Arthur A., assignor.)
Tolhurst, William T. (See Weddell, A., and Tolhurst.)
Trautner, Nicholas W., St. Paul, Minn. Grease retainer. 1,624,852; Apr. 12.

Treviño, Abel C., San Antonio, Tex. Gas producer. 1,624,694; Apr. 12.
Triana, André E. L. and R. J. A., and J. Ortiz-Escofet, Paris, France. Device for projecting stationary or moving pictures in broad daylight. 1,624,816; Apr. 12.
Triana, Rodrigue J. A. (See Triana, André E. L. and R. J. A., and Ortiz-Escofet.)
Trimont Manufacturing Company. (See Kenerson, Joseph E., assignor.)
Troutman, Howard E., Chicago, Ill. Ventilator. 1,624,291 Apr. 12.
Tufenkjian, Andon, West New York, N. J. Nursing-bottle holder. 1,624,695; Apr. 12.
Turner, Archibald J., assignor to Wilson-Western Sporting Goods Co., Chicago, Ill. Baseball glove. 1,624,696; Apr. 12.
Turner, George, Parramatta, and J. E. Bishop, Mosman, near Sydney, New South Wales, Australia. Construction of wheels for road vehicles. 1,624,771; Apr. 12. 1,624,771; Apr .12.
Turner, George A., Stockton, Calif. Inductance-coil frame. 1,624,447; Apr. 12.
Turner Tanning Machinery Company, The. (See Brown, Oscar H., assignor.)
Twight, Edmund H., Fresno, Calif. Food product. 1,624,153; Apr. 12.
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Lindburg, Joseph, assignor.)
Underwood Typewriter Company. (See Pitman, Henry L., assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. E., assignor.)
Underwood Typewriter Company. (See Waldheim, John, assignor.)
Ungerer, Karl F., Pforzheim, Germany. Rolling machine. 1,624,448; Apr. 12.
Union Bag & Paper Corporation. (See Avery, True M., assignor.)
Union Carbide & Carbon Research Laboratories, Inc. (See St. John, Ancel, assignor.)
Union Switch & Signal Company, The. (See Howard, Lemuel F., assignor.)
Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)
United Products Corporation of America. (See Biddle, Arthur, assignor.)
United States Glass Company. (See Stewart, Fred W., assignor.)
United States Hoffman Machinery Corporation. (See Geldhof, Peter E., assignor.)
U. S. Industrial Alcohol Co. (See Carter, Ray M., assignor.)
Universal Specialty Company. (See Mumaw, J. H., Schnieders, and Haas, assignors.)
"Universelle" Cigarettenmaschinenfabrik J. C. Muller & Co. (See Röber, Constantin F., assignor.)
Upright, Charles H., Edmonton, Alberta, Canada. Gas burner. 1,624,292; Apr. 12.
Utz, Louis F., assignor to The Freiberg-Simrall Company, Hamilton, Ohio. Sterilizing and wasning machine. 1,624,026; Apr. 12.
Uvalde Rock Asphalt Company. (See Frazier, John W., assignor.)
V. Briesen, Fritz, trustee. (See Terwilliger, Charles O., assignor.)
Valley Iron Works. (See Smitham, James A., assignor.)
Van Coeverden, Marshall H. (See Mann, John J. and W. J., and Van Coeverden.)
Van Deusen, Henry M., Westfield, Mass. Mop. 1,624,641; Apr. 12.
Van Sickle, Della L., Cranford, and W. H. Cavin, Elizabeth, N. J. Barrette. 1,624,449; Apr. 12.
Van Yahres, George, Westbury, N. Y. Filling tree cavities and the filling itself. 1,624,820; Apr. 12.
Veitch, Alexander, McKeesport, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transformer-coil-spacing device. 1,624,896; Apr. 12.
Venable, William M., Pittsburgh, Pa., assignor to Blaw-Knox Company. Batching apparatus. 1,624,122; Apr. 12.
Venable, William M., Pittsburgh, Pa., assignor to Blaw-Knox Company. Batching apparatus. 1,624,376; Apr. 12.
Venzie, Frederick M., Philadelphia, Pa. Mold for cementitious conduits. 1,624,191; Apr. 12.
Vershbinsky, David, Brooklyn, N. Y. Educational appliance. 1,624,450; Apr. 12.
Victor Talking Machine Company. (See Buckle, Horace L. T., assignor.)
Voight, George F., Oakland, Calif., assignor to Economy Products Corporation. Wall construction. 1,624,192; Apr. 12.
Voight, George F., Oakland, Calif., assignor to Economy Products Corporation. Lath spacer. 1,624,193; Apr. 12.
Vollmer, Frederick, Cranford, N. J. Wire-drawing die. 1,624,027; Apr. 12.
Von 'Mach, Maximilian E., Jr., Detroit, Mich. Concrete-block composition. 1,623,985; Apr. 12.
Von Pein, Edward J., assignor, by mesne assignments to The National Cash Register Company, Dayton, Ohio. Cash register. 1,624,123; Apr. 12.
Von Pein, Edward J., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Printer. 1,624,124; Apr. 12.
Vuilleumier, Albert, assignor to The New Departure Manufacturing Company, Bristol, Conn. Grinding machine. 1,624,642; Apr. 12.
Wadsworth, Frank L. O., Pittsburgh, Pa. Spring suspension for vehicles. 1,623,986; Apr. 12.
Wadsworth, Frank L. O., Pittsburgh, Pa. Elastic-support system for vehicles. 1,624,643; Apr. 12.
Wadsworth, James M., Fort Worth, Tex. Carbon-removing mechanism for stills. 1,624,083; Apr. 12.
Wagener, William J. (See Cleary, W. F. and Wagener.)
Wagner, Joseph F., South Bend, Ind. Land roller and pulverizer. 1,624,084; Apr. 12.
Wagoner, Todd L., Salina, Kans. Rug-renovating machine. 1,624,293; Apr. 12.
Wahl Clipper Corporation. (See Wahl, Leo J., assignor.)
Wahl Company, The. (See Tefft, Ivan D., assignor.)
Wahl Company, The. (See Wahl, John C., assignor.)
Wahl, John C., Chicago, Ill., assignor to The Wahl Company, Wilmington, Del. Fountain pen. 1,624,194; Apr. 12.
Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Vibrator. 1,623,987; Apr. 12.
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,624,697; Apr. 12.
Wallinsky, Ossip J., Sea Gate, assignor to Whit Luggage Co. Inc., New York, N. Y. Hand bag. Des. 72,403; Apr. 12.
Wallinsky, Ossip J., Sea Gate, assignor to White Luggage Co. Inc., New York, N. Y. Luggage carrier. 1,624,897; Apr. 12.
Walker, George L., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting tip or the like. 1,624,377; Apr. 12.
Wallace, George W., San Francisco, and H. K. Ihrig, Berkeley, Calif., said Ihrig assignor to said Wallace. Control system. 1,624,294; Apr. 12.
Wallace, Herbert A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,624,125; Apr. 12.
Wallace, Herbert A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,624,520. Apr. 12.
Wallenberg, Axel E. H., Vasterlosa, Sweden. Thrashing machine. 1,624,126; Apr. 12.
Walten, Ruth B., et al. (See Gallagher, George D., assignor.)
Walter, Arthur, Schweinfurt-on-the-Main, and W. Kutruf, Selingenstadt, near Wurzburg, assignor to Maschinenfabrik Walter & Kuffer, Schweinfurt-on-the-Main, Germany. Harrow. 1,624,521; Apr. 12.
Wanderer-Werke, vorm. Winklhofer & Jaenicke Akt.-Ges. (See Buschmann, Theodor E., assignor.)
Warner Brothers Company, The. (See Nickerson, Gertrude L., assignor.)
Warr, Harold G., Park Ridge, assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,624,028; Apr. 12.
Warren, Arthur, Kennington Cross, and S. N. Solomon, Westminster, London, England. Treasury-note cabinet. 1,624,772; Apr. 12.
Watkins, Owen C., Festus, Mo. Weather strip. 1,624,295; Apr. 12.
Watling, John B., Chicago, Ill. Coin-controlled apparatus. 1,624,881; Apr. 12.
Watts, Robert J., Benton Harbor, Mich. Doffer for ironing machines. 1,624,698; Apr. 12.
Waukesha Motor Company. (See Fisher, James B., assignor.)
Wayringer, Henry A., Schenectady, N. Y., assignor to General Electric Company. Silica receptacle and process of manufacture. 1,624,699; Apr. 12.
Weaver, Ross, Forrest City, Ark. Boll-weevil catcher. 1,624,773; Apr. 12.
Weber, Clifford A. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Alternating-current motor. 1,624,378; Apr. 12.
Webster Electric Company. (See Hawkins, William W., assignor.)
Weddell, Albert, and W. T. Tolhurst, Tipton, England. Pit tub, wagon, and the like. 1,624,700; Apr. 12.
Wedge, Utley, Ardmore, Pa., assignor to I. P. Thomas & Son Company, Camden, N. J. Producing phophate fertilizer. 1,624,195; Apr. 12.
Wegner, Julius, New York, N. Y. Mechanical movement. 1,624,085; Apr. 12.
Weicker, Herman G., trustee. (See Winckel, Max, assignor.)
Weinhart, Howard W., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum tube. 1,624,451; Apr. 12.
Weir, Horace M. (See Mann, M. D., jr., and Weir.)
Weisenborn, George P. A., Kansas City, Mo. Churn, mixing machine, and beater. 1,624,701; Apr. 12.
Weiss, M., Corporation. (See Elliot, John T., assignor.)
Weistock, Alexander E., and H. Dahne, Baltimore, Md. Paper bag. 1,624,522; Apr. 12.
Welch, Jack T. (See Heddon, C., and Welch.)
Welle, Henry C., Crockett, Calif. Treating sugar. 1,624,296; Apr. 12.

Western Electric Company. (See Adams, W. J., and Haddock, assignors.)
Western Electric Company. (See Buckley, Oliver E., assignor.)
Western Electric Company. (See Burkholder, John C., assignor.)
Western Electric Company. (See Christopher, Arthur J., assignor.)
Western Electric Company. (See Clark, Edgar H., assignor.)
Western Electric Company. (See Clausen, Henry P., assignor.)
Western Electric Company. (See Clement, Lewis M., assignor.)
Western Electric Company. (See Colpitts, Edwin H., assignor.)
Western Electric Company. (See Cummings, George C., assignor.)
Western Electric Company. (See Curtis, Austen M., assignor.)
Western Electric Company. (See Fletcher, H., and Sivian, assignors.)
Western Electric Company. (See Haddock, Arthur, assignor.)
Western Electric Company. (See Hartley, Ralph V. L., assignor.)
Western Electric Company. (See Hinrichsen, Edward E., assignor.)
Western Electric Company. (See Horton, Joseph W., assignor.)
Western Electric Company. (See Jammer, Jacob S., assignor.)
Western Electric Company. (See Johnson, K. S., and Shea, assignors.)
Western Electric Company. (See Kochendorfer, Frederic S., assignor.)
Western Electric Company. (See Mathes, Robert C., assignor.)
Western Electric Company. (See Miller, Robert B., assignor.)
Western Electric Company. (See Mohr, Franklin, assignor.)
Western Electric Company. (See Moore, Charles R., assignor.)
Western Electric Company. (See Moore, C. R., and Hayward, assignors.)
Western Electric Company. (See Nicolson, Alexander M., assignor.)
Western Electric Company. (See O'Neill, Henry W., assignor.)
Western Electric Company. (See Payne, Edward B., assignor.)
Western Electric Company. (See Pruden, Harold M., assignor.)
Western Electric Company. (See Richard, C. D., and Morris, assignors.)
Western Electric Company. (See Ronci, Victor L., assignor.)
Western Electric Company. (See Shackelton, William J., assignor.)
Western Electric Company. (See Shea, Timothy E., assignor.)
Western Electric Company. (See Stoller, Hugh M., assignor.)
Western Electric Company. (See Swoboda, Adolph R., assignor.)
Western Electric Company. (See Weinhart, Howard W., assignor.)
Western Electric Company. (See Wolfe, Wallace V., assignor.)
Westinghouse Electric and Manufacturing Company. (See Ansingh, Herman K., assignor.)
Westinghouse Electric and Manufacturing Company. (See Aram, Otto, assignor.)
Westinghouse Electric & Manufacturing Company. (See Beck, Edward, assignor.)
Westinghouse Electric & Manufacturing Company. (See Biebel, Herman M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Boddie, Clarence A., assignor.)
Westinghouse Electric and Manufacturing Company. (See Davis, David C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ellis, Walter R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Evans, Robert D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Foresman, Robert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Forshee, Frank F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R. assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodgkinson, Francis, assignor.)
Westinghouse Electric & Manufacturing Company. (See Keene, Alvin D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Knotts, Charles L., assignor.)
Westinghouse Electric & Manufacturing Company. (See MacGahan, Paul, assignor.)
Westinghouse Electric & Manufacturing Company. (See Menzies, William E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Miller, Charles F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ow, Joseph W. W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, Guy F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Staege, Stephen A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Strouse, Albert F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sutherland, Ernest E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Veitch, Alexander, assignor.)
Westinghouse Electric & Manufacturing Company. (See Weber, Clifford A. M., assignor.)
Westinghouse Gear and Dynamometer Company. (See MacFarland, Allis M., assignor.)
Westinghouse Lamp Company. (See MacRae, Duncan, assignor.)
Westinghouse Lamp Company. (See Richardson, Henry K., assignor.)
Westinghouse Lamp Company. (See Sproesser, William C., assignor.)
Westrope, Fred J., assignor to Briggs Manufacturing Company, Detroit, Mich. Adjustable striker plate. 1,624,568; Apr. 12.
Wetzel, Edward A., Royal Oak, Mich., assignor to The American Motor Body Corporation, Philadelphia, Pa. Vehicle underbody construction. 1,624,903; Apr. 12.
Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Baggage carrier. 1,624,297; Apr. 12.
Wheary Trunk Company. (See Wheary, George H., assignor.)
Whipple, Charles I., Denver, Colo. Pump. 1,624,702; Apr. 12.
Whitcomb, William A., Dedham, Mass., assignor to Great Northern Paper Company, Millinocket, Me. Paper making. 1,624,029; Apr. 12.
White Luggage Co. Inc. (See Wallnsky, Ossip J., assignor.)
White, Oscar, St. Louis, Mo. Stove. 1,624,298; Apr. 12.
Whitehead, George W., Vincennes, Ind. Windmill. 1,624,452; Apr. 12.
Whiteman, John D. (See Burdick, C. L., and Whiteman.)
Whitfield, Charles H., Penn Yan, N. Y. Bus body. 1,623,988; Apr. 12.
Whitney, Clarence E., et al., executors. (See Hanson, Bengt M. W.)
Whittingham, George H., assignor to Monitor Controller Company, Baltimore, Md. Self-locking switch. 1,624,882; Apr. 12.
Wideman, Edmond C., et al. (See Husted, Harry F., assignor.)
Wiehl, Alfred, Brooklyn, N. Y. Combined radio and phonograph loud speaker. 1,624,196; Apr. 12.
Wikkula, Viktor, Helsingfors, Finland. Ice concrete. 1,623,989; Apr. 12.
Wilcox, William D., Idaho Falls, Idaho. Making combustible gas. 1,624,644; Apr. 12.
Wilkinson, John, assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y. Cooling system for air-cooled motor-vehicle engines. 1,624,453; Apr. 12.
Wilkirson, Bert, Fort Worth, Tex. Vehicle wheel. 1,624,645; Apr. 12.
Willans, Peter W. (See Agate, C. S., and Willans.)
Willett, Benedict E., Dayton, Ohio. Stepladder. 1,624,569; Apr. 12.
Williams, J. H., Company. (See Spencer, Philip L., assignor.)
Williams, Roy H., Evansville, Ind. Fuse plug and receptacle. 1,624,030; Apr. 12.
Williams, Willard C., assignor of one-half to J. M. Phipps, Indianapolis, Ind. Dirigible spotlight. 1,624,818; Apr. 12.
Williamson, James, Chicago, Ill. Lighting fixture. 1,624,299; Apr. 12.
Willig, Hans, Santa Barbara, Calif. Lath nail. 1,624,817; Apr. 12.
Wilson, John H., assignor of one-half to H. L. Smith and one-half to A. Dormann, jr., Scottsbluff, Nebr. Internal-combustion engine. 1,624,454; Apr. 12.
Wilson, John W. (See Putnam, A. J., and Wilson.)
Wilson-Western Sporting Goods Co. (See Turner, Archibald J., assignor.)
Wily, James H., Bethlehem, Pa. Toy firearm. 1,624,086; Apr. 12.
Winchester Repeating Arms Company. (See Foisy, George A., assignor.)
Winckel, Max, Berlin, Germany, assignor to H. G. Weicker, trustee, Montclair, N. J. Vitamine preparation. 1,624,154; Apr. 12.
Winn, Sidney B., Lapeer, Mich. Tractor-trailer safety coupling device. 1,623,990; Apr. 12.
Winter, Paul, Zurich, assignor to Aluminium Welding Works, Ltd., Schlieren, Switzerland. Sheet-metal cutter. 1,624,853; Apr. 12.
Wired Radio, Inc. (See Powell, Edwin L., assignor.)
Witte, Gustav W., Chicago, Ill., assignor to International Harvester Company. Floating elevator for harvesters. 1,624,703; Apr. 12.
Wolf, Harry G. (See Keefer, Walter L., assignor.)
Wolfe, Wallace V., Corona, assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission system. 1,624,646; Apr. 12.

Wolford, William A., Ansley, Nebr. Adjustable sash holder. 1,624,819; Apr. 12.
Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Wall bracket for lighting fixtures. Des. 72,460; Apr. 12.
Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Backplate for lighting fixtures. Des. 72,461; Apr. 12.
Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Wall bracket for lighting fixtures. Des. 72,462; Apr. 12.
Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Wall bracket for lighting fixtures. Des. 72,463; Apr. 12.
Wolverine Metal Specialties Co. (See Sealock, J. W., and De Graaf, assignors.)
Wood, Henry A. W., assignor to The Wood Newspaper Machinery Corporation, New York, N. Y. Casting device for segmental plates. 1,623,991; Apr. 12.
Wood, Henry A. W., New York, N. Y., and C. Nordfors, Jersey City Heights, N. J., assignors to Wood Newspaper Machinery Corporation, New York, N. Y. Brake for web-roll tension devices. 1,623,992; Apr. 12.
Wood, Joseph E., assignor of one-half to H. K. Delahanty and one-half to S. Brown, Chicago, Ill. Reflector-jewel mounting. 1,624,300; Apr. 12.
Wood Newspaper Machinery Corporation. (See Catlin, Joseph P., assignor.)
Wood Newspaper Machinery Corporation, The. (See Wood, Henry A. W., assignor.)
Wood Newspaper Machinery Corporation, The. (See Wood, H. A. W., and Norfors, assignors.)
Wyko Projector Corporation. (See Brewster, Percy D., assignor.)
Yankee Lock Corporation. (See Malluk, Assad M., assignor.)
Yerdon, J. L. (See Thompson, Burchard D., assignor.)
Yngve, Victor, South Orange, N. J., assignor, by mesne assignments, to National Carbon Company, Inc., New York, N. Y. Dry battery. 1,624,455; Apr. 12.
Yokoyama, Musaji, Setagaya-Mura, Japan. Electrically-operated automatic winding device. 1,624,801; Apr. 12.
York, Victor, Los Angeles, Calif. Long-stroke pumping apparatus. 1,624,647; Apr. 12.
Young, Julius, assignor to California Card Manufacturing Company, San Francisco, Calif. Easel mounting for photographs and the like. 1,624,302; Apr. 12.
Young, Nathaniel, Hickman, Ky. Fishing device. 1,624,456; Apr. 12.
Ytterberg, Arle, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Testing electric machinery. 1,624,457; Apr. 12.
Zachert, Victor. (See Dolbear, S. H., and Zachert.)
Zeppelinwerk Lindau Gesellschaft mit beschränkter Haftung. (See Dornier, Claudius, assignor.)
Zesinger, William R., assignor to South Bend Watch Company, South Bend, Ind. Mainspring tester for 12 and 16 size watches. 1,624,303; Apr. 12.
Zook, Samuel K., Lancaster, Pa. Jewelry. 1,624,458; Apr. 12.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 12TH DAY OF APRIL, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Acid, Concentrating dilute acetic. H. Suida. 1,624,812, Apr. 12.
Acid, Concentration of dilute acetic. H. Suida. 1,624,810; Apr. 12.
Acid, Ethyl-normal-hexyl-barbituric. A. W. Dox. 1,624,546; Apr. 12.
Acid from sugar containing raw materials by means of lactic acid bacteria, Producing lactic. A. Pollak. 1,624,674; Apr. 12.
Adding machine. H. Landsiedel. 1,624,104; Apr. 12.
Air-blast classifier. A. H. Stebbins. 1,624,518–19; Apr. 12.
Air gas, Making. H. Foersterling. 1,624,046; Apr. 12.
Air-operated device. H. Slater. 1,624,018; Apr. 12.
Airplanes from and upon suspended positions, Device for launching and landing. R. Simon. 1,624,188; Apr. 12.
Air purifier or humidifier and radiator vent valve, Combined. A. Bauer. 1,624,774; Apr. 12.
Alarm: *See*—
Burglar alarm. Fire alarm.
Alloy. C. S. Brainin. 1,624,857; Apr. 12.
Amplifying horn, Sound-. J. B. Hawley. 1,624,242; Apr. 12.
Anchor, Ground. J. R. Kearney. 1,624,871; Apr. 12.
Anchoring flange. H. C. Thiem. 1,624,121; Apr. 12.
Animal trap. D. Glasshoffer. 1,624,548; Apr. 12.
Ankle brace. M. Luder. 1,624,266; Apr. 12.
Annealing furnace, Nonoxidizing. V. E. Lane. 1,624,258; Apr. 12.
Annealing machine. T. F. Baily. 1,624,204; Apr. 12.
Antikicking device. J. Dewey. 1,624,861; Apr 12
Apparel ornaments, Producing. A. Roseberg. 1,624,805; Apr. 12.
Arsenic compounds, Producing.- E. R. Rushton. 1,624,281; Apr. 12.
Articles from comminuted material, Forming. H. Buel. 1,624,471; Apr. 12.
Assembly elevators, Device for lifting. C. E. J. Simkins. 1,624,119; Apr. 12.
Atmospheric cooling tower. J. S. Fluor. 1,624,824; Apr. 12.
Atomisation of fluids, Method and apparatus for. C. L. Riley. 1,624,847; Apr. 12.
Automatic gate. F. Swearingen. 1,624,813; Apr. 12.
Automatic regulator. L. Dana. 1,624,039; Apr. 12.
Automobile fuel tanks, Lockable cover for. A. M. Malluk. 1,624,840; Apr. 12.
Automobile heater. J. R. Frushour. 1,623,963; Apr. 12.
Automobile light. G. M. Rosemier. 1,624,436; Apr. 12.
Automobile lights, Electric time switch for. A. L. N. Cremo and A. J. Gordon. 1,624,539; Apr. 12.
Automobile side light. J. Rail and H. E. Sprow. 1,624,433; Apr. 12.
Automobile signal. E. E. Bower. 1,624,468; Apr. 12.
Automobiles, Luggage carrier for. J. W. Bement. 1,624,462; Apr. 12.
Axial thrust of rotatable shafts, Device suitable for measuring the. C. A. Parsons and S. S. Cook. 1,624,430; Apr. 12.
Axle assembly, Road-grader. F. E. Arndt. 1,624,127; Apr. 12.
Axle attachment. O. Olsen. 1,624,278; Apr. 12.
Babbitting frame. C. J. Kuschel. 1,624,605; Apr. 12.
Bag: *See*—
Hand bag. Paper bag.
Bag or lining. F. T. Robinson. 1,624,626; Apr. 12.
Bags, Machine for stapling handles on. T. M. Avery. 1,624,854; Apr. 12.
Baggage carrier. G. H. Wheary. 1,624,297; Apr. 12.
Baggage-check holder. R. M. Bunce. 1,624,472; Apr. 12.
Bait and the like, Container for artificial. G. B. Griffin. 1,624,116; Apr. 12.
Bait, Artificial. A. J. Putnam and J. W. Wilson. 1,624,233; Apr. 12.
Balance indicator. R. D. Evans. 1,624,484; Apr. 12.
Ball: *See*—
Cricket, hockey, and the like ball.
Ball-joint case, Separable cover for universal. A. A. Linley. 1,624,262; Apr. 12.
Balloting system and the like. J. B. Fischer. 1,624,045; Apr. 12.
Bank, Savings. B. F. Greer. 1,624,335; Apr. 12.
Barrette. D. L. Van Sickle and W. H. Cavin. 1,624,449; Apr. 12.
Batching apparatus. W. M. Venable. 1,624,122; Apr. 12.
Batching apparatus. W. M. Venable. 1,624,376; Apr. 12.
Batteries, Depolarizer for primary. G. W. Armstrong. 1,624,460; Apr. 12.
Battery: *See*—
Dry battery.
Battery case. C. E. Bobbitt. 1,624,131; Apr. 12.
Battery-charging system. W. E. Menzies. 1,624,420; Apr. 12.
Battery connection. W. E. Gill. 1,624,047; Apr. 12.
Battery filler. J. S. Hooper. 1,624,890; Apr. 12.
Battery holding and carrying means. M. L. Martus, E. H. Becker, and J. G. Ross. 1,624,795; Apr. 12.
Bead-wire-covering machines, Fabric-feeding device for. C. H. Desautels. 1,624,544; Apr. 12.
Bearing. M. P. Holmes. 1,624,837; Apr. 12.
Bed, Folding. W. J. Broome. 1,624,307; Apr. 12.
Bed, Metal folding. W. J. Duvall. 1,624,222; Apr. 12.
Bedspread. D. Kemp. Des. 72,429; Apr. 12.
Belt for personal wear. I. Leibovitz. Des. 72,432; Apr. 12.
Beveling and sealing clamp. T. Midgley. 1,624,616–17; Apr. 12.
Binder. W. Feldmann. 1,624,660; Apr. 12.
Block: *See*—
Fire-box arch block.
Block machines, Pneumatic core for. A. Adams. 1,624,704; Apr. 12.
Board: *See*—
Fiber board. Paperboard.
Game board.
Bodies by pressure, Method of and apparatus for forming. C. Claus. 1,624,904; Apr. 12.
Boiler: *See*—
Locomotive boiler.
Boiler and incinerator system, Combined. L. L. Scott. 1,624,681; Apr. 12.
Boiler cleaner. F. Bowers. 1,624,576; Apr. 12.
Boll-weevil catcher. R. Weaver. 1,624,773; Apr. 12.
Bolt: *See*—
Wear-compensating bolt.
Bolt. W. Schwemlein. 1,624,767; Apr. 12.
Bolt-locking device. G. Roudanez. 1,624,563; Apr. 12.
Bottle. J. Netter. Des. 72,434; Apr. 12.
Bottle. A. B. Taylor, C. T. Long, and A. C. Sohn. Des. 72,459; Apr. 12.
Bottle, Glass. A. G. Hamilton. Des. 72,420; Apr. 12.
Bottle holder, Nursing. A. Tufenkjian. 1,624,695; Apr. 12.
Bottle or similar container. P. C. Delaize. Des. 72,410–11; Apr. 12.
Bowl, Self adjusting centrifugal. J. V. M. Risberg. 1,624,117; Apr. 12.
Box: *See*—
Journal box. Vanity box.
Box. H. D. Senat. 1,624,439; Apr. 12.
Box, cigarette, and like case. F. T. Buckthorpe and A. Barter. 1,624,858; Apr. 12.
Box or similar container. P. C. Delaize. Des. 72,408–9; Apr. 12.
Boxes, Machine and method for making paper. S. Bergstein and A. C. E. Lindner. 1,624,885; Apr. 12.
Brace: *See*—
Ankle brace. Fender brace.
Brace plate. M. Taylor. 1,624,289; Apr. 12.
Bracelet hook. E. Prestinari. 1,624,561; Apr. 12.
Brake: *See*—
Steering-wheel brake.
Brake band and shoes, Lining for. J. G. Bowman. 1,624,035; Apr. 12.
Brake beam and constructing same. A. P. Rissler. 1,624,509; Apr. 12.
Brake drum oil guard. A. Y. Dodge. 1,624,220; Apr. 12.
Brake gauge. E. L. Macabee and F. E. Macabee. 1,624,142; Apr. 12.
Brake testing instrument. C. F. Cowdrey. 1,624,219; Apr. 12.
Bridge construction. A. Folino. 1,624,325; Apr. 12.
Broiler. J. H. Cannon. 1,624,214; Apr. 12.
Broom protector and stand. A. J. Hennes. 1,624,410; Apr. 12.
Brush holder. J. H. Mumaw, J. B. Schnieders, and W. G. Haas. 1,624,426; Apr. 12.
Bucket or vessel, Measuring. A. Davis, jr. 1,624,477; Apr. 12.
Burglar alarm. T. E. O'Connor. 1,624,176; Apr. 12.
Burner: *See*—
Gas burner. Oil burner.
Bus body. C. H. Whitfield. 1,623,988; Apr 12
Bust confiner. E. K. Pollack. 1,623,973; Apr. 12.
Cabinet, Cigarette display and dispensing. J. G. Allen. 1,624,883; Apr. 12.
Cabinet, Shoe-shining. J. P. Dunn. 1,624,480; Apr. 12.
Cabinet, Treasury-note. A. Warren and S. N. Solomon. 1,624,772; Apr. 12.

Cage-locking means. S. J. Reap. 1,624,759; Apr. 12.
Calculating and recording machine. W. W. Landsiedel. 1,624,105; Apr. 12.
Camera and display apparatus, Combination motion-picture. R. Knopp. 1,624,103; Apr. 12.
Can-body-making machine. W. Cameron. 1,624,213; Apr. 12.
Cane. R. Fleming. 1,624,591; Apr. 12.
Cap, Sport visor. C. M. Goldberg. 1,624,727; Apr. 12.
Capping machine. J. A. Stock. 1,624,286; Apr. 12.
Car door. A. S. Barrows. 1,624,306; Apr. 12.
Car-door opening and closing mechanism. C. Schussler. 1,624,680; Apr. 12.
Car, Mine. W. S. Purdy. 1,624,801; Apr. 12.
Car roof. C. D. Bonsall. 1,624,207; Apr. 12.
Cars, Hand brake for railway. F. C. Rutz. 1,624,510; Apr. 12.
Cars, Hand-brake mechanism for railway. Y. Miyasaki. 1,624,425; Apr. 12.
Carbonized article and making same. J. Beckwith. 1,624,710; Apr. 12.
Carburetor. C. F. L. and W. L. Kaufmann. 1,624,603; Apr. 12.
Carburetor. T. W. Kings. 1,624,604; Apr. 12.
Carburetor adjustment, Automatic. W. J. Short. 1,624,631; Apr. 12.
Carburetor-manifold heater. C. O. Erickson. 1,624,863; Apr. 12.
Carburetors, Electrical heater for the air-supply pipes of. W. F. Cleary and W. J. Wagener. 1,624,216; Apr. 12.
Card protector. P. Dixon. 1,624,719; Apr. 12.
Carrier: *See*—
Baggage carrier. Suspended carrier.
Luggage carrier.
Carton-feeding mechanism for carton folding and filling machines. R. A. Jones. 1,624,740; Apr. 12.
Cartridge, Sporting. C. des Allimes. 1,624,649; Apr. 12.
Case: *See*—
Battery case. Key case.
Box, cigarette, and like case.
Cases, boxes, bags, and such like, Fastening for attaché. C. W. Cheney. 1,624,859; Apr. 12.
Cash register. E. J. Von Pein. 1,624,123; Apr. 12.
Casserole cover. H. Lerner and A. Ginsburg. Des. 72,430; Apr. 12.
Castellating machine. C. E. Pellow. 1,624,180; Apr. 12.
Casting device for segmental plates. H. A. W. Wood. 1,623,991; Apr. 12.
Castings from molds or flasks, Method and apparatus for freeing centrifugally-cast. W. D. Moore. 1,624,354; Apr. 12.
Chain drive. C. P. Kottlowski. 1,624,892; Apr. 12.
Chain, Heavy-tension lap-link. W. J. Mullally. 1,624,111; Apr. 12.
Chain-making machine. M. Olson. 1,624,063; Apr. 12.
Chain, Power drive. F. L. Morse. 1,624,058; Apr. 12.
Chair: *See*—
Rail chair.
Chandelier. A. P. Seidell. Des. 72,452; Apr. 12.
Check-controlled mechanism. J. M. Perry. 1,623,970; Apr. 12.
Churn, mixing machine, and beater. G. P. A. Weisenborn. 1,624,701; Apr. 12.
Cigar lighter, Electric. J. J. Gough. Des. 72,418; Apr. 12.
Cigarette-machine shafts, Device for intermittently driving. C. F. Röber. 1,623,978; Apr. 12.
Circuit-controlling mechanism. J. T. Miller and M. Hanley. 1,624,059; Apr 12.
Circuit interrupter, Indicating fluid-. H. M. Biebel. 1,624,463; Apr. 12.
Clamp: *See*—
Beveling and sealing clamp.
Clamping device. W. R. Ellis. 1,624,390; Apr. 12.
Clasp: *See*—
Tie clasp.
Clasp. A. M. Ellby. 1,624,253; Apr. 12.
Cleaner: *See*—
Boiler cleaner. Vacuum cleaner.
Suction cleaner. Windshield cleaner.
Cleaning and polishing machine, Electric shoe. H. Powell and W. P. Groves. 1,624,758; Apr. 12.
Cleaning composition, Dirt and grease. J. Lenenberg. 1,624,055; Apr. 12.
Clip: *See*—
Hair clip. Metal-lath-attaching clip.
Clock, Hall. W. J. Herschede. Des. 72,426; Apr. 12.
Closure-swinging device. J. W. Sealock and M. De Graaf. 1,624,677; Apr. 12.
Clothesrack, Portable. C. H. Mercier. 1,624,796; Apr. 12.
Clothes-wringer attachment. R. L. McCoubrie. 1,624,419; Apr. 12.
Clutch. K. Tessky. 1,624,025; Apr. 12.
Clutch control. A. Smith. 1,624,513; Apr. 12.
Clutch, Hydraulic. A. H. Manwaring. 1,624,841; Apr. 12.
Cock having automatic seating plug, High-pressure. M. R. Shipley. 1,624,512; Apr. 12.
Coffee and making the same. B. C. Gerwick. 1,624,330; Apr. 12.
Coffeepot. F. E. Lane. 1,624,606; Apr. 12.
Coil, Pulp-heating. H. W. Lowe. 1,624,749; Apr. 12.
Coil-spacing device, Transformer-. A. Veitch. 1,624,896; Apr. 12.
Coil with multiple adjustments. C. D. Richard and G. T. Morris. 1,624,364; Apr. 12.
Coin-controlled apparatus. J. B. Watling. 1,624,881; Apr. 12.
Collapsible crate. J. P. Butcher. 1,624,212; Apr. 12.
Collapsible tube. K. Kiefer. 1,624,140; Apr. 12.
Colored-vapor signal. T. G. Hitt. 1,624,600; Apr. 12.
Comb: *See*—
Hair-waving comb. Reversible comb.
Combination tool. R. C. Hofmaister. 1,624,788; Apr. 12.
Communication system. H. W. O'Neill. 1,624,672; Apr. 12.
Concrete-block composition. M. E. Von Mach, jr. 1,623,985; Apr. 12.
Concrete, mortar, and plaster mixer. G. W. Adams. 1,624,705; Apr. 12.
Concrete-reenforcing bond and connecter. F. Rebell. 1,624,802; Apr. 12.
Condensing apparatus. A. O. H. Petersen. 1,624,066; Apr. 12.
Conduits, Mold for cementitious. F. M. Venzie. 1,624,191; Apr. 12.
Confections, Apparatus for freezing and molding. M. Schnaier. 1,624,678–9; Apr. 12.
Connecting member. F. Amfot. 1,623,956; Apr. 12.
Contact apparatus. M. D. Mann, jr., and H. M. Weir. 1,624,793; Apr. 12.
Contact device. G. C. Cummings. 1,624,476; Apr. 12.
Container. R. F. Emsley. 1,624,830; Apr. 12.
Container. F. S. Oppenheim. 1,624,360; Apr. 12.
Container opener. J. C. Thom. 1,624,375; Apr. 12.
Containers, Forming cover-holding ring seats for. A. Mauser. 1,624,496; Apr. 12.
Control regulator. H. M. Stoller. 1,624,566; Apr. 12.
Control system. G. W. Wallace and H. K. Ihrig. 1,624,294; Apr. 12.
Controlling switch. J. P. Ellenbecker. 1,624,483; Apr. 12.
Cooling system, Transformer-. C. L. Knotts. 1,624,346; Apr. 12.
Cord-guiding device. M. Castricum. 1,624,532–3; Apr. 12.
Core drill. F. Oliver. 1,624,146; Apr. 12.
Corn popper. J. E. Dempsey and L. E. Burton. 1,624,040; Apr. 12.
Corner bead. L. E. Curtis. 1,624,541; Apr. 12.
Corner beads, Apparatus for expanding metal. L. E. Curtis. 1,624,542; Apr. 12.
Corner light. G. Graff. Des. 72,419; Apr. 12.
Cotton picker. A. E. Brown. 1,624,308; Apr. 12.
Counterbalancing device. L. M. Llewellyn and H. G. Pederson. 1,624,414; Apr. 12.
Countersinking machine. W. G. Aldeen. 1,624,648; Apr. 12.
Cover and strainer, Combined. F. W. Kuhnast. 1,624,745; Apr. 12.
Crank-shaft formation. H. Ford. 1,624,228; Apr. 12.
Crate, Poultry. B. A. Stamp. 1,624,517; Apr. 12.
Cribs, Top support for. C. H. Boardman. 1,624,467; Apr. 12.
Cricket, hockey, and like ball. G. W. Beldam. 1,624,822; Apr. 12.
Crushed ore and the like, Classifying. S. H. Dolbear and B. L. Eastman. 1,624,134; Apr. 12.
Crushers, Inner disk for disk. C. B. Andrews. 1,624,032; Apr. 12.
Crushing machinery, Screen bar for. G. W. Borton. 1,624,886; Apr. 12.
Current meter, Alternating-. L. A. Paine. 1,624,178; Apr. 12.
Current motor, Alternating-. C. A. M. Weber. 1,624,378; Apr. 12.
Cuspidor cover. W. E. Brown. 1,624,824; Apr. 12.
Cut-off mechanism. G. B. Scheffey. 1,624,367; Apr. 12.
Cutter: *See*—
Paper cutter. Sheet-metal cutter.
Cutting tip or the like. G. L. Walker. 1,624,377; Apr. 12.
Cutting tool. H. Goldblatt. 1,624,136; Apr. 12.
Cyanides, Preparing alkali-metal. R. W. Poindexter, jr., and P. T. Dolley. 1,624,147; Apr. 12.
Cylinder structure, Engine-. A. Lieo and C. Baradat. 1,624,002; Apr. 12.
Dam, River. J. M. L. A. Aubert. 1,624,571; Apr. 12.
Deflocculating and emulsifying, Apparatus for. E. A. Butler. 1,624,037; Apr. 12.
Delinter. J. E. Redus. 1,624,435; Apr. 12.
Desulphurizing coal, water, or mixed gases for illuminating or heating. E. Raffloer. 1,624,625; Apr. 12.
Dial-testing circuit. R. B. Miller. 1,624,422; Apr. 12.
Diaphragm transmitter, Double. C. R. Moore and J. M. Hayward. 1,624,353; Apr. 12.
Dibble. G. L. Ford. 1,624,488; Apr. 12.
Die: *See*—
Wire-drawing die.
Differential driving mechanism. S. R. Dodds. 1,624,589; Apr. 12.
Dishwashing machine. P. E. Barker. 1,624,380; Apr. 12.
Dishwashing machine. P. E. Barker. 1,624,461; Apr. 12.
Disk wheels, Lifting lever for. E. A. Nelson. 1,624,356; Apr. 12.
Disks, Manufacturing ball rolling. H. L. Heathcote. 1,624,597; Apr. 12.

Display device. L. A. Leppke and J. H. Scharf. 1,624,741; Apr. 12.
Display device, Advertising. F. A. Reid. 1,624,507; Apr. 12.
Ditching machines, Digging member for. H. H. Barber. 1,623,957; Apr. 12.
Dividing and spacing instrument. H. Adler. 1,624,031; Apr. 12.
Doorcheck. A. F. Hickle. 1,624,836; Apr. 12.
Door structure. J. H. Rowley. 1,624,760; Apr. 12.
Doors, turnstiles, and the like, Utilizing the surplus energy exerted in operating revolving. B. B. Bryan, jr. 1,624,656; Apr. 12.
Dough-depositing machine. A. W. Copland. 1,624,316; Apr. 12.
Doweling machine. J. M. Myrdal. 1,624,274; Apr. 12.
Drag or falling saw, Power. F. Halvorsen. 1,624,662; Apr. 12.
Drain cock, Cooling-system. H. A. Gschwind. 1,624,168; Apr. 12.
Drawing press. A. A. Byerlein. 1,623,960; Apr. 12.
Drier: *See*—
Fruit drier.
Drier for linings and other strip material, Rack-. A. O. Hurxthal. 1,624,735; Apr. 12.
Drill: *See*—
Core drill. Rock drill.
Drills, Press-wheel boxing for grain. A. M. Strecker. 1,624,022; Apr. 12.
Drinking fountain. H. W. Taylor. 1,624,081; Apr. 12.
Drive gate, Automatic. J. Landis. 1,624,256; Apr. 12.
Dry battery. V. Yngve. 1,624,455; Apr. 12.
Dry cell and electrode therefor. G. W. Heise, H. H. Thompson, and N. K. Chaney. 1,624,409; Apr. 12.
Drying machine. S. A. Staege. 1,624,371; Apr. 12.
Drying system. M. L. Mueller. 1,624,754; Apr. 12.
Dumping device. H. F. Flowers. 1,624,323; Apr. 12.
Dyestuffs and making same. F. Straub and H. Schneider. 1,624,637; Apr. 12.
Educational appliance. D. Vershbinsky. 1,624,450; Apr. 12.
Electric-bracket outlet. O. A. Frederickson. 1,624,547; Apr. 12.
Electric currents, Spark intensifier for. G. M. Smith. 1,623,982; Apr. 12.
Electric furnace. F. T. Cope. 1,624,217; Apr. 12.
Electric furnace. A. D. Keene. 1,624,344; Apr. 12.
Electric machine for continuous current, High-speed dynamo-. M. Kostenko and N. Japolsky. 1,624,254; Apr. 12.
Electric machinery, Testing. A. Ytterberg. 1,624,457; Apr. 12.
Electric switch. H. P. Clausen. 1,624,391; Apr. 12.
Electric switch. J. E. Springer and R. A. Harry. 1,624,120; Apr. 12.
Electrical apparatus. T. W. Case. 1,624,314; Apr. 12.
Electrical condenser. P. E. Gilling. 1,624,332–4; Apr. 12.
Electrical control system. P. Charpentier. 1,624,158; Apr. 12.
Electrical measuring instrument. C. E. Foster. 1,624,135; Apr. 12.
Electrical network. T. E. Shea. 1,624,682; Apr. 12.
Electrical switch. F. Aldendorff. 1,624,202; Apr. 12.
Electrical switch. H. K. Ansingh. 1,623,954; Apr. 12.
Electrically-operated automatic winding device. M. Yokoyama. 1,624,301; Apr. 12.
Electromagnetic therapeutic-compress-heating appliance. J. N. De Quer. 1,624,397; Apr. 12.
Electron-discharge device. V. L. Ronci. 1,624,562; Apr. 12.
Elevator: *See*—
Pneumatic elevator. Sucker-rod elevator.
Engine: *See*—
Internal-combustion engine.
Engine control, Hoisting-. W. J. Lilly and H. H. Logan. 1,624,261; Apr. 12.
Engine rotary valve member, Internal-combustion. E. M. Bournonville. 1,624,388; Apr. 12.
Engines, Cooling system for air-cooled motor-vehicle. J. Wilkinson. 1,624,453; Apr. 12.
Engines, Fuel-admission device for heavy-oil. F. Huber. 1,624,413; Apr. 12.
Engines, Fuel-control means for internal-combustion. B. D. Thompson. 1,624,698; Apr. 12.
Engines, Fuel-feeding device of internal-combustion. O. and G. Svensson. 1,624,024; Apr. 12.
Engines, Fuel vaporizer for internal-combustion. H. E. May. 1,624,271; Apr. 12.
Engines, Lubricating system of internal-combustion. E. J. Sweetland. 1,624,689; Apr. 12.
Engines, Manifold construction for internal-combustion. H. Ford. 1,624,229; Apr. 12.
Engines, Manifold cut-off for internal-combustion. N. N. Neher. 1,624,275; Apr. 12.
Engines, Retarding mechanism for internal-combustion. A. A. Howitz. 1,624,342; Apr. 12.
Engines, Supplying fuel to explosive. H. Pedersen. 1,624,623; Apr. 12.
Engines, Support of aero. F. M. Royce and A. G. Elliott. 1,624,761; Apr. 12.
Envelope. G. F. Hogan. 1,624,137; Apr. 12.
Envelope opener. E. E. Fleming. 1,624,590; Apr. 12.
Ester condensation products, Making. R. M. Carter. Des. 16,591; Apr. 12.
Expansible collapsible element. H. C. Mallory. 1,624,348; Apr. 12.
Explosive, Brisant. B. J. Flürscheim. 1,624,401; Apr. 12.
Fastener for containers. W. T. S. Brown. 1,624,825; Apr. 12.
Fastening device. W. Schroder. 1,624,766; Apr. 12.
Fat composition, Edible-. H. E. Dubin. 1,624,164; Apr. 12.
Feeder. J. J. Nevills. 1,624,175; Apr. 12.
Feeding device, Automatic. E. J. and H. T. Kingsbury. 1,624,872; Apr. 12.
Feeding machine. C. L. Post. 1,623,976; Apr. 12.
Fender brace. H. J. Cocks. 1,624,860; Apr. 12.
Fertilizer distributor. W. E. Bruce. 1,624,210; Apr. 12.
Fertilizer, Producing phosphate. U. Wedge. 1,624,195; Apr. 12.
Festooning rack. W. D. Eakin. 1,624,223; Apr. 12.
Fiber-bearing materials, Apparatus for treating. N. K. Davis. 1,624,717; Apr. 12.
Fiber board, Manufacture of. R. W. Hilton. 1,624,599; Apr. 12.
Fibrous material, Machine for and method of applying varnish to sheets of. L. T. Frederick. 1,624,094; Apr. 12.
Fibrous materials, Concentrating. S. H. Dolbear and V. Zachert. 1,624,163; Apr. 12.
File. J. S. Small. 1,623,980; Apr. 12.
File jacket. J. K. Cassell. 1,624,776; Apr. 12.
Filling and packing machine. E. Jagenberg. 1,624,664; Apr. 12.
Filling machine. D. S. Paterson and G. B. Petsche. 1,624,846; Apr. 12.
Film projector. P. D. Brewster. 1,624,156; Apr. 12.
Film sprocket guide. A. S. Howell. 1,624,731; Apr. 12.
Films in spaced coil forms, Holding. L. Czako. 1,624,586; Apr. 12.
Filter, Gasoline. W. C. Glover. 1,624,832; Apr. 12.
Filter, Oil. H. C. Bohmsack. 1,624,526; Apr. 12.
Filter, Wave. K. S. Johnson and T. E. Shea. 1,624,665; Apr 12.
Fire alarm, Portable. A. M. de S. Greaves. 1,624,866; Apr. 12.
Fire-box arch block. L. S. Abbott. 1,624,198; Apr. 12.
Fire-box arch, Sectional. L. S. Abbott. 1,624,199; Apr. 12.
Fire-extinguishing composition. F. L. Dunlap and N. T. Ewer. 1,624,398; Apr. 12.
Fire-receiving wall. L. S. Abbott. 1,624,200; Apr. 12.
Firearms, Danger signal for. L. P. Smith. 1,624,876; Apr. 12.
Firearms, Sighting indicator for. J. W. F. Lamont and H. Dickinson. 1,624,347; Apr. 12.
Fish-cleaning apparatus. P. W. Lindquist. 1,624,173; Apr. 12.
Fishing device. N. Young. 1,624,456; Apr. 12.
Fishing rods, Reel seat for. C. Heddon and J. T. Welch. 1,624,052; Apr. 12.
Fixture, Control. H. E. Norviel. 1,624,114; Apr. 12.
Flash light. R. J. Smith. 1,624,686; Apr. 12.
Flotation apparatus. T. M. Owen and M. P. Dalton. 1,624,559; Apr. 12.
Flower holder. J. H. Pfarr. 1,624,504; Apr. 12.
Flower holder and stand. J. Hamilton. 1,624,407; Apr. 12.
Fluid generator, Motive-. M. E. Bigelow. 1,624,464; Apr. 12.
Fluid-pressure tool. E. Penberthy. 1,624,179; Apr. 12.
Flush-tank ball seat. P. B. Hale. 1,624,284; Apr. 12.
Flying machine. L. F. Coe. 1,624,475; Apr. 12.
Flying machines, Landing gear for C. Dornier. 1,623,961; Apr. 12.
Food product. E. H. Twight. 1,624,153; Apr. 12.
Foods and commodities, System and means for dispensing. L. Lyndon and R. I. Blakeslee. 1,624,267; Apr. 12.
Foodstuffs, Ornamenting. A. Martin. 1,624,670; Apr. 12.
Fountain: *See*—
Drinking fountain.
Four-cylinder drawhead. E. Toenniessen. 1,624,815; Apr. 12.
Frame: *See*—
Babbitting frame. Vanity-case frame.
Inductance-coil frame. Window frame.
Fruit drier. J. T. Thomasen. 1,624,639; Apr. 12.
Fuel economizer. N. J. Petitclerc. 1,624,067; Apr. 12.
Fuel-supply device. C. F. Kettering. 1,624,139; Apr. 12.
Fuel vaporizer, Liquid-. J. Hutchinson. 1,624,249; Apr. 12.
Fume-disposal apparatus for workbenches. J. Lindburg. 1,624,107; Apr. 12.
Furnace: *See*—
Annealing furnace. Heating furnace.
Electric furnace.
Furnace. F. A. Fahrenwald. 1,624,043; Apr. 12.
Furnace-wall construction. R. S. Riley. 1,624,009; Apr. 12.
Furnaces, Side-wall construction for. R. S. Riley. 1,624,803; Apr. 12.
Fuse. C. W. Engelman. 1,624,322; Apr. 12.
Fuse plug and receptacle. R. H. Williams. 1,624,030; Apr. 12.
Galvanic cell. H. D. Nyberg. 1,624,845; Apr. 12.
Galvanoplasty. A. Biddle. 1,624,575; Apr. 12.
Gambrel, Butcher's. G. Demmer. 1,624,320; Apr. 12.
Game. L. L. Russell. 1,624,282; Apr. 12.
Game board. G. E. Brown. 1,624,469; Apr. 12.
Game device, Cross. M. Y. Garcia. 1,624,167; Apr. 12.
Game, Target. W. C. Schmeh. 1,624,765; Apr. 12.

Garage door, Automatically-operated. D. Scalia. 1,624,814; Apr. 12.
Garment. E. M. Antoonian. 1,624,570; Apr. 12.
Garment, Heat-retaining. A. E. Anderson. 1,623,993; Apr. 12.
Garment press. P. E. Geldhof. 1,624,726; Apr. 12.
Gas burner. C. H. Upright. 1,624,292; Apr. 12.
Gas-control appliance. J. W. Brown. 1,624,132; Apr. 12.
Gas generator. E. E. Percey. 1,624,431; Apr. 12.
Gas, Making combustible. W. D. Wilcox. 1,624,644; Apr. 12.
Gas producer. A. C. Treviño. 1,624,694; Apr. 12.
Gasoline, Manufacturing. H. Thomas. 1,624,692; Apr. 12.
Gate: *See*—
Automatic gate. Head gate.
Drive gate. Water gate.
Gate. G. M. Horner. 1,624,169; Apr. 12.
Gauge: *See*—
Break gauge. Lumber gauge.
Liquid-level gauge. Saw gauge.
Gauge. R. J. Brittain, jr. 1,624,654; Apr. 12.
Gear-changing mechanism. L. Holland-Letz. 1,624,244; Apr. 12.
Gear, Reversing. A. T. Nabstedt. 1,624,756; Apr. 12.
Gear-shifting mechanism. C. O. Guernsey. 1,624,867; Apr. 12.
Gear, Split-ring draft. B. W. Kadel. 1,624,742; Apr. 12.
Gear-testing machine, Bevel-. C. H. Logue. 1,624,415; Apr. 12.
Gearing, Reduction. A. M. MacFarland. 1,624,416; Apr. 12.
Gearing, Variable-speed reduction. M. O. Reeves. 1,624,895; Apr. 12.
Generator: *See*—
Fluid generator. Oscillation generator.
Gas generator. Steam generator.
Glass, Apparatus for making transparent sheet. G. A. Shields. 1,624,283; Apr. 12.
Glass tubes or rods, Device for cutting. E. Abelt. 1,624,197; Apr. 12.
Glove, Automobilist's. E. R. Palmer. 1,624,429; Apr. 12.
Glove, Baseball. A. J. Turner. 1,624,696; Apr. 12.
Glue between surfaces, Instantaneous setting of. G. J. Thoma. 1,624,691; Apr. 12.
Goggle, Antiglare. H. K. Hallkman. 1,624,337; Apr. 12.
Governor, Auto-stop. D. C. Davis. 1,624,093; Apr. 12.
Governor, Change-speed. C. S. Ricker. 1,624,008; Apr. 12.
Governor control. J. B. Fisher. 1,624,227; Apr. 12.
Graduating machine, Multiple. H. N. Halversen. 1,624,549; Apr. 12.
Grain-elevator heads, Dust and chaff collector for. W. A. Petteys. 1,624,800; Apr. 12.
Grain washing and drying machine. D. Geddes. 1,624,831; Apr. 12.
Grass and wood destroyer. J. H. Clipperton. 1,624,474; Apr. 12.
Grate, Water. J. G. Gibson. 1,624,230; Apr. 12.
Grease retainer. N. W. Trautner. 1,624,852; Apr. 12.
Grinding machine. A. Vuilleumier. 1,624,642; Apr. 12.
Grinding machine, Hob-. C. G. Olson and F. W. England. Re16,590; Apr. 12.
Grinding machine, Multispindle internal-. W. L. Bryant. 1,624,211; Apr. 12.
Grinding machine, Tool-. S. Langlais. 1,624,259; Apr. 12.
Grinding mechanism. H. Mason, W. Bixby, and H. L. Bogan, jr. 1,624,494; Apr. 12.
Grinding tool. P. L. Starr. 1,624,634; Apr. 12.
Grinding tool, Cylinder-. P. L. Starr. 1,624,635; Apr. 12.
Grubber, Dandelion. R. B. Stastny. 1,624,442; Apr. 12.
Gum chicle dispersed in an aqueous colloid, Composition of. A. Biddle. 1,624,088; Apr. 12.
Guns, Apparatus for directing the sighting of. R. W. Anderson. 1,624,523; Apr. 12.
Guns, Barrel-locking device for breakdown. L. P. Smith. 1,624,879; Apr. 12.
Guns, Barrel-locking mechanism for breakdown. L. P. Smith. 1,624,877; Apr. 12.
Hafnium and zirconium phosphates, Converting. J. H. de Boer. 1,624,162; Apr. 12.
Hair clip. H. Naito. 1,624,428; Apr. 12.
Hair-waving comb. G. B. O'Connor. 1,624,757; Apr. 12.
Hair-waving device, Permanent-. W. A. Groff. 1,624,336; Apr. 12.
Ham presser. G. W. Scholten. 1,624,808; Apr. 12.
Hame for draft horses or mules. A. Pillet. 1,624,624; Apr. 12.
Hammer-position indicator. L. P. Smith. 1,624,878; Apr. 12.
Hand bag. C. J. McCabe and I. Schoenholz. 1,624,611–12; Apr. 12.
Hand bag. O. J. Malinsky. Des. 72,403; Apr. 12.
Hanger: *See*—
Screen hanger.
Harrow. A. Walter and W. Kuttruf. 1,624,521; Apr. 12.
Harrows, Weeder attachment for. C. Johnston. 1,624,789; Apr. 12.
Harvester, Cotton. P. Carlson. 1,624,313; Apr. 12.
Harvesters, Floating elevator for. G. W. Witte. 1,624,703; Apr. 12.
Head gate. J. A. Smitham. 1,624,152; Apr. 12.
Headlight, Automobile. L. N. Kenward. 1,624,491; Apr. 12.
Headlights, Auxiliary reflector for automobile. E. Enderes. 1,624,166; Apr. 12.
Heat-interchange apparatus. G. A. Foisy. 1,624,487; Apr. 12.
Heat, Method and apparatus for utilizing. D. S. Jacobus and A. D. Pratt. 1,624,602; Apr. 12.
Heat retainer. P. A. Habselblatt. 1,624,241; Apr. 12.
Heater: *See*—
Automobile heater. Water heater.
Carburetor-manifold heater.
Heater and purifier, Water. H. E. Moffat. 1,624,557; Apr. 12.
Heating apparatus, Electrical. F. F. Forshee. 1,624,402; Apr. 12.
Heating device. F. D. Sullivan. 1,624,080; Apr. 12.
Heating furnace. H. C. Ryding and A. B. Haswell. 1,624,763; Apr. 12.
Heating-unit terminal. A. D. Keene. 1,624,345; Apr. 12.
High-frequency sending stations, Circuit arrangement for. M. Osnos. 1,624,000; Apr. 12.
Highway marking device. I. E. Hanson. 1,624,408; Apr. 12.
Hoist control. W. J. Lilly and H. H. Logan. 1,624,260; Apr. 12.
Hoisting and conveying device. M. H. Dickinson. 1,624,545; Apr. 12.
Hollow articles, Method of and apparatus for making. C. W. Steele and R. T. Griffiths. 1,624,849; Apr. 12.
Hollow rounds, Rolling. A. W. Heinle. 1,624,340; Apr. 12.
Honing or lapping machine, Portable. H. Strand. 1,624,636; Apr. 12.
Hook: *See*—
Bracelet hook.
Humidifier. Z. A. Lipinski. 1,624,838; Apr. 12.
Hydrant, Irrigation. C. E. Crownover. 1,624,317; Apr. 12.
Hydraulic jack. J. P. Shevlin. 1,624,151; Apr. 12.
Hydraulic press. R. Craig. 1,624,160; Apr. 12.
Hydrocarbons from gas, Extracting. A. P. Bjerregaard. 1,624,206; Apr. 12.
Hydrocarbons, Heating. W. M. Cross. 1,624,889; Apr. 12.
Hydrodynamic power machine. L. L. Osborn. 1,624,115; Apr. 12.
Ice concrete. V. Wikkula. 1,623,989; Apr. 12.
Ignition apparatus. H. E. Norviel. 1,624,113; Apr. 12.
Imprints on sheet material, Apparatus for making indelible. G. Kirkegaard. 1,624,552; Apr. 12.
Incubator. A. A. Scott. 1,624,629; Apr. 12.
Indicator: *See*—
Balance indicator. Liquid-level indicator.
Hammer-position indicator.
Inductance coil and manufacturing the same. E. B. Payne. 1,624,560; Apr. 12.
Inductance-coil frame. G. A. Turner. 1,624,447; Apr. 12.
Inductance device. A. J. Christopher. 1,624,536; Apr. 12.
Inductance device and manufacturing the same. W. J. Shackelton. 1,624,630; Apr. 12.
Inner tubes for pneumatic tires, Treating cured. F. Fenton. 1,624,725; Apr. 12.
Insect destroyer. A. L. Dunnagan. 1,624,321; Apr. 12.
Insect destroyer. W. W. Harwood. 1,624,240; Apr. 12.
Insulated piston. M. E. Kraxberger. 1,624,791; Apr. 12.
Insulation, Attachment to electric. A. Haddock. 1,624,595; Apr. 12.
Internal-combustion engine. E. R. Burtnett. 1,624,581–4; Apr. 12.
Internal-combustion engine. F. W. Frese. 1,624,404; Apr. 12.
Internal-combustion engine. A. S. Hawks. 1,624,101; Apr. 12.
Internal-combustion engine. E. Junge. 1,624,489; Apr. 12.
Internal-combustion engine. H. A. Nordwick and P. J. Marchetti. 1,624,277; Apr. 12.
Internal-combustion engine. V. U. D. Pierce. 1,624,432; Apr. 12.
Internal-combustion engine. J. H. Wilson. 1,624,454; Apr. 12.
Interrupter mechanism. W. W. Hawkins. 1,624,100; Apr. 12.
Ironing machines, Doffer for. R. J. Watts. 1,624,698; Apr. 12.
Irons, Attachment for electric. E. S. Karlsen. 1,624,666; Apr. 12.
Irrigation system, Automatic hydraulic. E. A. Kienast. 1,624,744; Apr. 12.
Jack: *See*—
Hydraulic jack. Vehicle wheel jack.
Lifting jack.
Jar opener. G. E. Grant. 1,624,833; Apr. 12.
Jars and other containers, Vacuum sealing machine for. H. Ingram. 1,624,869; Apr. 12.
Jars and the like, Cover for. G. J. Speicher. 1,624,440; Apr. 12.
Jewelry. S. K. Zook. 1,624,458; Apr. 12.
Jig. H. C. Maise. 1,624,609; Apr. 12.
Journal box. D. S. Barrows. 1,624,708; Apr. 12.
Key case. W. R. Buxton. 1,623,959; Apr. 12.
Kit, Oral. W. T. Scholl. 1,624,015; Apr. 12.
Knitting machine. P. G. Stroud and W. A. Simond. 1,624,373; Apr. 12.
Knitting machine, Circular. E. H. M. E. Durand. 1,624,482; Apr. 12.
Knitting machines, Striping attachment for. W. Larkin. 1,624,792; Apr. 12.

Knockdown stand. C. A. Duke. 1,624,721–2; Apr. 12.
Labeling mechanism. G. B. Scheffey. 1,624,366; Apr. 12.
Lace, A. E. Newton. Des. 72,435–8; Apr. 12.
Lace medallion, Embroidered. H. Schwarber. Des. 72,448; Apr. 12.
Ladle. J. G. Koegle. 1,624,553; Apr. 12.
Lamp filaments, Affixing coatings on incandescent. H. K. Richardson. 1,624,071; Apr. 12.
Lamp, Incandescent electric. D. MacRae. 1,624,109; Apr. 12.
Lamp, Incandescent electric. W. C. Sprouse. 1,624,077; Apr. 12.
Lamp for automobiles. W. C. Matthews. 1,624,842; Apr. 12.
Lamp, Reflector. A. Rüttenauer and G. Galdies. 1,624,762; Apr. 12.
Lamp sockets, Shade holder for electric-. W. A. Martin. 1,624,794; Apr. 12.
Landing light or flare for attaching to aircraft. H. E. S. Holt. 1,624,411; Apr. 12.
Lanterns called personal-character readers. A. L. Romero. 1,624,149; Apr. 12.
Lath, Apparatus for expanding metal. L. E. Curtis. 1,624,548; Apr. 12.
Lath nail. H. Willig. 1,624,817; Apr. 12.
Lath spacer. G. F. Voight. 1,624,193; Apr. 12.
Leather-working machines, Work support for. O. H. Brown. 1,624,309; Apr. 12.
Ledger, Loose-leaf. C. Stockmans. 1,624,020; Apr. 12.
Leg guard for athletes. W. Barrett. 1,624,129; Apr. 12.
Leer-charging apparatus. F. H. Johnson and S. R. Lathrop. 1,624,250; Apr. 12.
Lens-grinding machine. E. P. Devine. 1,624,658; Apr. 12.
Level. O. D. Hapgood. 1,624,339; Apr. 12.
Level, Combination. E. W. Smith. 1,624,684; Apr. 12.
Level, Spirit. J. Day. 1,624,161; Apr. 12.
Lifting jack. A. S. Larson. 1,624,106; Apr. 12.
Light: *See*—
Automobile light. Flash light.
Automobile side light.
Light shade or similar article. F. W. Stewart. Des. 72,457; Apr. 12.
Lighting equipment, Street-. D. B. Hanna. 1,624,237; Apr. 12.
Lighting fixture. J. Williamson. 1,624,299; Apr. 12.
Lighting-fixture arm. A. P. Seidell. Des. 72,451; Apr. 12.
Lighting-fixture bracket. H. Shardlow. Des. 72,456; Apr. 12.
Lighting-fixture husk or similar article. A. P. Seidell. Des. 72,450; Apr. 12.
Lighting-fixture plate. A. P. Seidell. Des. 72,454; Apr. 12.
Lighting fixtures, Backplate for. A. P. Seidell. Des. 72,453; Apr. 12.
Lighting fixtures, Backplate for. H. H. Wolter. Des. 72,461; Apr. 12.
Lighting fixtures, Wall bracket for. H. H. Wolter. Des. 72,460; Apr. 12.
Lighting fixtures, Wall bracket for. H. H. Wolter. Des. 72,462–4; Apr. 12.
Lime and making the same, Insect. A. Biddle. 1,624,089; Apr. 12.
Line spooler. A. J. Graham and L. O. Tekell. 1,624,232; Apr. 12.
Liquid-forcing apparatus. C. L. Burdick and J. D. Whiteman. 1,624,827; Apr. 12.
Liquid-level gauge. A. Novick. 1,624,359; Apr. 12.
Liquid-level gauge. A. K. Schaap, jr. Re16,589; Apr. 12.
Liquid-level indicator. T. M. Eynon. 1,624,659; Apr. 12.
Liquid-separating device. J. Coleman. 1,624,092; Apr. 12.
Lock: *See*—
Nut lock. Switch lock.
Lock and manufacture. A. L. Hansen. 1,624,051; Apr. 12.
Locomotive boiler. A. W. Bruce. 1,624,655; Apr. 12.
Locomotive or car. A. F. Batchelder. 1,624,709; Apr. 12.
Locomotives, Condenser for. E. O. Eriksson. 1,624,782; Apr. 12.
Loom picker. D. J. Higgins. 1,624,870; Apr. 12.
Looms, Harness for. P. L. Spencer. 1,624,615; Apr. 12.
Looms, Shuttle mechanism for. J. Lucas. 1,624,108; Apr. 12.
Loud speaker. C. L. Farrand, E. Ross, and E. F. Godley. Des. 72,417; Apr. 12.
Loud speaker. M. C. Hopkins. Des. 72,428; Apr. 12.
Luggage carrier. W. R. Malm. 1,624,493; Apr. 12.
Luggage carrier. O. J. Walinsky. 1,624,897; Apr. 12.
Lumber gauge. J. Scherer. 1,624,150; Apr. 12.
Machine for dispersing various solids and liquids. M. C. Teague. 1,624,567; Apr. 12.
Machine for making the heads of slotted wooden or iron screws, Automatic. K. Karl. 1,624,746; Apr. 12.
Magnetic bar pole chuck. F. L. Simmons. 1,624,076; Apr. 12.
Magnetic separator. E. H. Brune. 1,624,528; Apr. 12.
Mailing machine. G. E. Northrop. 1,624,899; Apr. 12.
Mainspring tester for 12 and 16 size watches. W. R. Zesinger. 1,624,808; Apr. 12.
Marble, Producing imitation. J. A. Morosa. 1,623,967; Apr. 12.
Marker and spacer, Multiple. O. J. Pectal and E. J. Palmer. 1,624,622; Apr. 12.
Massage appliance. C. W. Cheney. 1,624,133; Apr. 12.
Mat: *See*—
Sleeping mat.
Matrix-setting and line-casting machine. D. Petri-Palmedo. 1,623,971; Apr. 12.
Measuring and controlling instrument. E. H. Bristol. 1,624,887; Apr. 12.
Measuring and reeling device. E. D. Spoerri. 1,624,633; Apr. 12.
Measuring and weighing device. V. Slesak. 1,624,019; Apr. 12.
Measuring tape. L. C. and A. J. De Camp. 1,624,779; Apr. 12.
Mechanical movement. J. Wegner. 1,624,085; Apr. 12.
Memorial tablet. J. J. Haggenjos. 1,624,048; Apr. 12.
Mercury arc rectifier. E. Beck. 1,624,383; Apr. 12.
Metal-lath-attaching clip. J. H. Schlafly. 1,624,187; Apr. 12.
Metal-working machine. B. M. W. Hanson. 1,624,868; Apr. 12.
Metals, Apparatus for heat-treating. F. S. Kochendorfer. 1,624,665; Apr. 12.
Metals from solutions, Recovering. G. J. Levy. 1,624,172; Apr. 12.
Meter: *See*—
Current meter.
Meter. J. W. G. Fries. 1,624,095; Apr. 12.
Meter casing. P. MacGahan. 1,624,417; Apr. 12.
Microphonic relay. H. Sell. 1,624,511; Apr. 12.
Mill: *See*—
Reel mill.
Mining coal. E. C. Pratt. 1,624,505; Apr. 12.
Mixer: *See*—
Concrete, mortar, and plaster mixer.
Modulating system. F. Mohr. 1,624,498; Apr. 12.
Mold construction. F. L. Johnson. 1,624,348; Apr. 12.
Mop. H. M. Van Deusen. 1,624,641; Apr. 12.
Mossed frames for floral wreaths, Machine for preparing. H. P. Hanson. 1,624,238; Apr. 12.
Motor: *See*—
Current motor. Wave motor.
Rotary motor.
Motor. P. Marchetti. 1,624,269; Apr. 12.
Motor cycles, Valve-operating structure for. A. Rossi. 1,624,365; Apr. 12.
Motors in definite speed relation, Maintaining. M. C. Spencer. 1,624,880; Apr. 12.
Motors, Starting switch for electric starting. E. Kyhl. 1,624,255; Apr. 12.
Music, Reproduction of. W. L. Morris. 1,623,968; Apr. 12.
Musical instrument. K. P. Nesseler. 1,624,061; Apr. 12.
Musical instrument, Stringed. A. Montfort. Des. 72,433; Apr. 12.
Netting handler. D. J. Cronk. 1,624,394; Apr. 12.
Nursing-bottle holder. V. J. Murray, jr. 1,624,355; Apr. 12.
Nut and screw feed. S. M. Ransome. 1,624,676; Apr. 12.
Nut lock. B. Sale. 1,624,764; Apr. 12.
Nut-tapping machine. H. Sprick. 1,624,902; Apr. 12.
Oar, Bow-facing. W. H. Kimberlin. 1,624,743; Apr. 12.
Oil burner. A. C. Emerson. 1,624,165; Apr. 12.
Oil burner. G. S. Meikle and H. D. MacKaye. 1,624,350; Apr. 12.
Oil burner. P. H. Ryder and C. W. Moore. 1,624,806; Apr. 12.
Oil gun. P. J. and C. H. Jorgensen. 1,624,138; Apr. 12.
Oils, Preservation of. F. W. Nitardy. 1,624,358; Apr. 12.
Oils, Treatment of. W. O. Snelling. 1,624,848; Apr. 12.
O-O-diacyl derivatives of diphenolisatine and manufacture of same. E. Preiswerk. 1,624,675; Apr. 12.
Ore-bin gates, Mechanism for operating. W. S. Orr. 1,624,177; Apr. 12.
Oscillation generator. E. H. Colpitts. 1,624,537; Apr. 12.
Package-wrapping machine. J. P. Aldrich and H. A. Morris. 1,624,203; Apr. 12.
Packages, Inverting. J. Bauer. 1,623,958; Apr. 12.
Packaging machines, Carton-end-closing device for. J. D. Lane. 1,624,257; Apr. 12.
Packing, Piston. T. E. McFall. 1,624,613; Apr. 12.
Packing ring. V. E. Nelson. 1,624,671; Apr. 12.
Pad: *See*—
Pneumatic pad.
Pails, Sanitary cover and strainer for milk. C. Nelson. 1,624,276; Apr. 12.
Paper bag. A. E. Weistock and H. Dahne. 1,624,522; Apr. 12.
Paperboard, Coated. C. C. Colbert and G. E. Preston. 1,624,091; Apr. 12.
Paper cutter. B. E. Hall. 1,624,235; Apr. 12.
Paper-feeding machine. H. Hallstream. 1,624,787; Apr. 12.
Paper file. J. S. Small. 1,623,981; Apr. 12.
Paper holder. J. C. Murdock. 1,624,427; Apr. 12.
Paper making. W. A. Whitcomb. 1,624,029; Apr. 12.
Paper-making machines and making the same, Wire netting for. C. Kurtz-Hähnle and H. Kurtz. 1,624,049; Apr. 12.
Paper making, Mottling device for. H. M. Ross. 1,624,184; Apr. 12.
Paper manufacture. A. D. Little and C. E. Carpenter. 1,624,492; Apr. 12.
Pasteurizers, Flush valve for. R. B. Bagby. 1,624,572; Apr. 12.
Pasteurizing apparatus. R. B. Bagby. 1,624,573; Apr. 12.
Pen and blotter. E. W. Guzik. 1,624,834; Apr. 12.
Pen and pencil holder. F. L. McCaskill. 1,623,966; Apr. 12.
Pen, Fountain. I. D. Tefft. 1,624,190; Apr. 12.

Pen, Fountain. J. C. Wahl. 1,624,194; Apr. 12.
Pen, Reservoir. T. Kovács. 1,624,554; Apr. 12.
Periscope, more particularly for submarines. J. Humbrecht. 1,624,733; Apr. 12.
Petrol and other fluids, Measuring by volume. A. W. Macleod. 1,624,750; Apr. 12.
Petroleum hydrocarbons, Process and apparatus for converting. R. Cross. 1,624,778; Apr. 12.
Phonic diaphragm. A. M. Nicolson. 1,624,357; Apr. 12.
Photographic shutter. H. L. Cooke. 1,623,998; Apr. 12.
Photographs and the like, Easel mounting for. J. Young. 1,624,302; Apr. 12.
Photoprints, Method and apparatus for handling. G. M. Dye. 1,624,781; Apr. 12.
Picker: *See*—
Cotton picker. Loom picker.
Picture apparatus, Motion-. A. S. Howell. 1,624,730; Apr. 12.
Picture machine, Continuous moving-. J. P. Burnett. 1,624,580; Apr. 12.
Picture machine, Motion-. G. H. Kern. 1,624,667; Apr. 12.
Picture projecting machine, Motion-. A. S. Howell. 1,624,732; Apr. 12.
Pictures in broad daylight, Device for projecting stationary or moving. A. E. L. and R. J. Triana and J. Ortiz-Escofet. 1,624,816; Apr. 12.
Pies, Making. W. J. Kaser. 1,624,490; Apr. 12.
Pile fabric. J. F. Nichols. Des. 72,439–40; Apr. 12.
Pipe: *See*—
Tobacco pipe.
Pipe-cleaning means. H. M. Murphy. 1,624,755; Apr. 12.
Pipe lines, Device for cleaning. B. Gerber. 1,624,786; Apr. 12.
Pipe protector. H. J. Ferris. 1,624,485; Apr. 12.
Pipe vise. J. E. Kenerson. 1,624,252; Apr. 12.
Pipes, tunnels, bridges, and other bodies or structures, Contractible and expansible supporting means suitable for use in the construction of. H. Berridge. 1,624,712; Apr. 12.
Piston and piston-pin construction. H. W. Pierce. 1,623,972; Apr. 12.
Piston packing. C. L. Cook. 1,624,159; Apr. 12.
Piston ring. E. H. Packer. 1,624,279; Apr. 12.
Pit tub, wagon, and the like. A. Weddell and W. T. Tolhurst. 1,624,700; Apr. 12.
Pivotal connection. H. C. Harris. 1,624,239; Apr. 12.
Platform, Elevator. J. Rice. 1,623,977; Apr. 12.
Pliers. W. Marshall. 1,624,556; Apr. 12.
Plow, Tractor. C. Haffke. 1,624,406; Apr. 12.
Plowing device. J. P. Derrick. 1,624,041; Apr. 12.
Pneumatic elevator. A. H. Mitchell. 1,624,424; Apr. 12.
Pneumatic pad. J. A. Schinner. 1,624,807; Apr. 12.
Pneumatic wheel. F. K. Svenson. 1,624,688; Apr. 12.
Poisons from fruit, Removing residual. E. M. Sears. 1,624,074; Apr. 12.
Polishing composition. A. B. Fisher. 1,624,783; Apr. 12.
Polishing, Method of and apparatus for. W. Taylor and F. W. Preston. 1,624,290; Apr. 12.
Polishing or sizing machine, Tube. N. Marshall. 1,623,965; Apr. 12.
Pot: *See*—
Coffeepot.
Poultry and livestock, System of feeding. A. W. Holmes. 1,624,245; Apr. 12.
Pouring-spout container. D. G. Magill. 1,624,268; Apr. 12.
Powder container, Loose. S. S. Radley. 1,624,874; Apr. 12.
Power system. J. D. Hilliard. 1,624,729; Apr. 12.
Power-transmission device, Combination. G. M. Mosher. 1,624,145; Apr. 12.
Power-transmitting device. J. M. Lucarelle and V. L. Frykman. 1,624,174; Apr. 12.
Press: *See*—
Drawing press. Hydraulic press.
Garment press. Printing press.
Printer. E. J. Von Pein. 1,624,124; Apr. 12.
Printer's type, Compensating for unevenness in. L. J. and R. Gould. 1,624,594; Apr. 12.
Printing apparatus. C. L. Post. 1,623,975; Apr. 12.
Printing machine, Manifold-web-. J. A. B. Smith. 1,624,685; Apr. 12.
Printing-press chase. A. M. McMillan. 1,624,751; Apr. 12.
Printing press, Rotary. W. E. Oliver. 1,624,062; Apr. 12.
Printing slugs and the like, Clamping means for. C. L. Post. 1,623,974; Apr. 12.
Projecting machine. E. E. Lehwess. 1,624,669; Apr. 12.
Protective device. G. Graf. 1,624,728; Apr. 12.
Protein product, Producing an edible. J. W. M. Bunker. 1,624,036; Apr. 12.
Pump. G. A. Brown and F. G. Dennison. 1,624,209; Apr. 12.
Pump. G. W. Leiman. 1,624,607; Apr. 12.
Pump. A. Rey. 1,624,363; Apr. 12.
Pump. C. I. Whipple. 1,624,702; Apr. 12.
Pump, Gear. H. H. Haight. 1,624,099; Apr. 12.
Pump, Oil. H. P. Jesperson. 1,624,738; Apr. 12.
Pump, Oil-well. S. C. Ashton. 1,624,821; Apr. 12.
Pump-operating mechanism, Safe control and signal for. J. J. Fraser. 1,624,784; Apr. 12.
Pump, Screw. L. J. Black and E. E. Swope. 1,624,466; Apr. 12.
Pumping apparatus, Long-stroke. V. York. 1,624,647; Apr. 12.
Pumping mechanism. W. P. Brett. 1,624,527; Apr. 12.
Pumping mechanism, Deep-well. W. P. Brett. 1,624,577; Apr. 12.
Pumping unit, Submerged. M. L. Milton. 1,624,423; Apr. 12.
Pumps, Packing for oil-well. A. H. Neilson. 1,624,798; Apr. 12.
Rack: *See*—
Festooning rack.
Racket string. A. M. Dritz. 1,624,720; Apr. 12.
Radiator. E. J. Stoddard. 1,624,565; Apr. 12.
Radiator cap. E. W. Seaholm. Des. 72,449; Apr. 12.
Radiator casing. A. Palka. Des. 72,441; Apr. 12.
Radiator cover. C. F. Duggins. 1,624,042; Apr. 12.
Radio and phonograph loud speaker, Combined. A. Wiehl. 1,624,196; Apr. 12.
Radiocabinet. E. F. Pooley. Des. 72,443–4; Apr. 12.
Radiocommunication. A. E. Paige. 1,624,673; Apr. 12.
Radiosignaling. C. S. Agate and P. W. Willans. 1,624,201; Apr. 12.
Radio signaling system. G. H. Clark. 1,624,215; Apr. 12.
Radio transmission system. P. S. Carter. 1,623,996; Apr. 12.
Rail anchor. H. G. Warr. 1,624,028; Apr. 12.
Rail chair. W. M. Osborn. Re16,592; Apr. 12.
Rail-fastening device. W. C. Leiser. 1,624,555; Apr. 12.
Railway, Braking arrangement for high-speed suspension. F. Kruckenberg and C. Stedefeld. 1,624,141; Apr. 12.
Railway signaling system. J. M. Andersen. 1,624,087; Apr. 12.
Railway-traffic-controlling apparatus. L. F. Howard. 1,624,248; Apr. 12.
Railway-traffic-controlling apparatus. H. A. Wallace. 1,624,125; Apr. 12.
Razor. M. Alland. 1,624,707; Apr. 12.
Razor-blade holder. W. M. Tietz. 1,624,640; Apr. 12.
Razor-blade stropper, Safety-. G. D. Gallagher. 1,624,593; Apr. 12.
Razor-strop stretcher. T. Thompson. 1,624,851; Apr. 12.
Razor-stropping means. H. J. Galsman. 1,624,328; Apr. 12.
Receptacle. D. C. Murphy. 1,624,273; Apr. 12.
Receptacle, Food. M. A. Rollman. 1,624,010; Apr. 12.
Receptacle, Inclosed. G. F. Scott. 1,624,438; Apr. 12.
Recuperator. W. O. Amsler. 1,624,128; Apr. 12.
Reel mill. H. C. Chase. 1,624,585; Apr. 12.
Reflector-jewel mounting. J. E. Wood. 1,624,300; Apr. 12.
Refractory article, Making a metallic reenforced. A. G. Betts. 1,624,386; Apr. 12.
Refuse-discharge mechanism. R. A. Foresman. 1,624,661; Apr. 12.
Register: *See*—
Cash register.
Register hood. W. S. Elters. 1,624,225–6; Apr. 12.
Regulating system. R. M. Carothers. 1,624,715; Apr. 12.
Regulator: *See*—
Automatic regulator. Voltage regulator.
Control regulator. Window regulator.
Regulator system. C. A. Boddie. 1,624,387; Apr. 12.
Relay, Universal A. C. - S. M. Day. 1,624,478; Apr. 12.
Resin and making same. C. O. Terwilliger. 1,624,638; Apr. 12.
Resins and making the same. C. O. Terwilliger. 1,624,082; Apr. 12.
Reversible comb. J. de D. Moreno. 1,624,753; Apr. 12.
Rheostat. A. J. Carter. 1,624,038; Apr. 12.
Ring: *See*—
Packing ring. Piston ring.
Ring. C. J. Dieges. Des. 72,412; Apr. 12.
Road drag. H. D. Meyer. 1,624,421; Apr. 12.
Road machine. S. A. Stouffer. 1,623,984; Apr. 12.
Road-repairing machine. C. B. Christians, jr. 1,624,390; Apr. 12.
Rock asphalt for shipment and laying, Treating. J. W. Frazier. 1,624,403; Apr. 12.
Rock drill. A. E. Carlson. 1,624,312; Apr. 12.
Rods, poles, and the like, Fixing for. E. G. Cleverly. 1,624,392; Apr. 12.
Roller: *See*—
Shade roller.
Roller and pulverizer, Land. J. F. Wagner. 1,624,084; Apr. 12.
Rolling machine. K. F. Ungerer. 1,624,448; Apr. 12.
Rotary motor. G. L. Buffington and E. H. Hopson. 1,624,529; Apr. 12.
Rubber composition and preparing same. H. W. Elley. 1,624,724; Apr. 12.
Rug-renovating machine. T. L. Wagoner. 1,624,293; Apr. 12.
Sandpaper and rubbing machine. L. Ferrara. 1,624,400; Apr. 12.
Sash holder, Adjustable. W. A. Wolford. 1,624,819; Apr. 12.
Saw. J. P. Salmi. 1,624,072; Apr. 12.
Saw gauge. M. J. Hahre. 1,624,050; Apr. 12.
Saw, Breaking-down. P. S. O'Neill. 1,624,064; Apr. 12.
Saw-sharpening machine. O. H. Fletcher and J. A. Tenney. 1,624,864; Apr. 12.
Scale, Weighing. H. A. Essmann. 1,624,588; Apr. 12.

Screen: *See*—
Window screen.
Screen-cleaning apparatus. W. L. D'Olier. 1,624,221; Apr. 12.
Screenhanger. W. F. Rapp. 1,624,181; Apr. 12.
Screen wall for centrifugal baskets. E. N. Stone. 1,624,287–8; Apr. 12.
Screw driver. R. O. Caruso. 1,624,530; Apr. 12.
Screw-driving machine. J. C. Steen. 1,624,189; Apr. 12.
Seat: *See*—
Flush-tank ball seat.
Seat for window cleaning, Folding. B. W. Dreyer. 1,623,962; Apr. 12.
Secret communication. J. W. Horton. 1,624,601; Apr. 12.
Seed-cleaning machine. A. Bleam. 1,624,034; Apr. 12.
Self-locking switch. G. H. Whittingham. 1,624,882; Apr. 12.
Separator: *See*—
Magnetic separator.
Sewing machines, Spool for. F. F. Barth. 1,624,884; Apr. 12.
Shade roller. H. F. Husted. 1,624,053; Apr. 12.
Shank-beating and stitch-rubbing machine. L. G. Freeman. 1,624,326; Apr. 12.
Sheet-feeding mechanism. S. H. Plum, 2d, and A. Ackley. 1,624,069; Apr. 12.
Sheet material and producing the same, Colored. T. M. Atkinson. 1,624,652; Apr. 12.
Sheet-metal cutter. P. Winter. 1,624,853; Apr. 12.
Shielding and balancing means. W. J. Adams and A. Haddock. 1,624,459; Apr. 12.
Shingle strips, Machine for making. A. S. Speer. 1,623,983; Apr. 12.
Shingles, Method and apparatus for dipping. C. M. Abbott. 1,624,379; Apr. 12.
Ship governor. W. C. Dennis. 1,624,718; Apr. 12.
Shock absorber. H. H. Logan. 1,624,265; Apr. 12.
Shoe-lace fastener. S. R. Shetzline, jr., and E. A. Dodelin. 1,624,564; Apr. 12.
Shoe tongue and fastener. B. C. McEntee and L. H. Constant. 1,624,143; Apr. 12.
Shoes, Shank stiffener for. G. A. Hurley. 1,624,001; Apr. 12.
Shook-sorting machine. J. N. Bratton and W. N. Bryant. 1,624,389; Apr. 12.
Short waves, Frequency changer for. M. Osnos. 1,624,065; Apr. 12.
Shuttle. P. L. Spencer. 1,624,516; Apr. 12.
Signal: *See*—
Automobile signal. Traffic signal.
Colored-vapor signal. Vehicle signal.
Signal-receiving circuits. E. L. Powell. 1,624,148; Apr. 12.
Signal switch, Automobile direction. S. Caminita. 1,624,828; Apr. 12.
Signaling, Carrier-wave. R. C. Mathes. 1,624,495; Apr. 12.
Signaling conductor system and operation. O. E. Buckley. 1,624,470; Apr. 12.
Signaling, High-frequency. P. M. J. Boucherot. 1,624,208; Apr. 12.
Signaling method and system. R. V. L. Hartley. 1,624,590; Apr. 12.
Signaling system. J. C. Burkholder. 1,624,579; Apr. 12.
Signaling system. A. M. Curtis. 1,624,395; Apr. 12.
Signaling system, Carrier-wave. H. M. Pruden. 1,624,506; Apr. 12.
Signaling system, High-frequency. L. M. Clement. 1,624,473; Apr. 12.
Silica receptacle and process of manufacture. H. A. Wayringer. 1,624,699; Apr. 12.
Silk and yarn thread tensioning and waxing device. W. Noga. 1,624,844; Apr. 12.
Siren. T. Decot. 1,624,587; Apr. 12.
Sleeping mat. S. C. Morehouse. 1,624,797; Apr. 12.
Sleeve-pressing form. L. T. Chellis. 1,624,777; Apr. 12.
Smoking stand. P. C. Shapiro. Des. 72,455; Apr. 12.
Snare, Animal. E. C. Marlin. 1,624,003; Apr. 12.
Snow-clearing apparatus for automobiles. J. B. Sewell. 1,624,809; Apr. 12.
Snowplow. S. W. Lombard. 1,624,839; Apr. 12.
Soap dispenser, Liquid-. A. R. Goldrick. 1,624,231; Apr. 12.
Sole, Composite rubber. A. L. Murray. 1,624,500; Apr. 12.
Solids from press liquids, Apparatus for recovering. H. E. Bergen. 1,624,385; Apr. 12.
Sound or like vibrations, Production or reproduction of. S. G. Brown. 1,624,828; Apr. 12.
Sound-receiving earpiece. H. J. Mathieu. 1,624,144; Apr. 12.
Sound reflector. J. A. Landis. 1,624,873; Apr. 12.
Sound-reproducing machine. H. L. T. Buckle. 1,624,578; Apr. 12.
Spading device. O. A. Matson. 1,624,610; Apr 12.
Spark plug. D. G. Fuchs. 1,624,785; Apr. 12.
Speed transmission apparatus, Automatic change-. T. Gensmer. 1,624,097; Apr. 12.
Spinning machines, Stop motion for. P. S. Giroux. 1,623,964; Apr. 12.
Spinning, twisting and like frames, Spindle of. T. A. and H. A. Boyd. 1,624,713; Apr. 12.
Spotlight, Dirigible. W. C. Williams. 1,624,818; Apr. 12.
Spray drying. A. B. Jones. 1,624,739; Apr. 12.
Springs, Metal casing for leaf. L. Skok. 1,624,683; Apr. 12.
Stair square. C. A. Christianson. 1,624,535; Apr. 12.
Stair tread. H. Frood. 1,624,405; Apr. 12.
Stand: *See*—
Knockdown stand.
Statement and ledger sheet, Combined. G. O. Mobley. 1,624,618; Apr. 12.
Steam boards, Attachment for. R. W. Dawn. 1,624,829; Apr. 12.
Steam generator. C. Duquenne. 1,624,481; Apr. 12.
Steel of high-temperature stability. W. R. Shimer. 1,624,075; Apr. 12.
Steering-wheel brake. E. G. Heinzelman. 1,624,598; Apr. 12.
Stencil and work holder, Magnetic. H. G. Crain. 1,624,538; Apr. 12.
Stepladder. B. E. Willett. 1,624,569; Apr. 12.
Stereotype plates, Casting curved and flat. J. P. Catlin. 1,623,997; Apr. 12.
Sterilizing and washing machine. L. F. Utz. 1,624,026; Apr. 12.
Stills, Carbon-removing mechanism for. J. M. Wadsworth. 1,624,083; Apr. 12.
Stitch remover. L. Schildknecht. 1,624,013; Apr. 12.
Stock beater. C. W. Shartle. 1,624,875; Apr. 12.
Stoker. O. Aram. 1,624,651; Apr. 12.
Stoker, Mechanical. C. F. Miller. 1,624,004; Apr. 12.
Stokers, Delivering coal to hoppers of continuous fuel-feed. A. F. Strouse. 1,624,079; Apr. 12.
Store-front construction. B. E. Myers. 1,624,620; Apr. 12.
Stove. O. White. 1,624,298; Apr. 12.
Stove or range. A. F. Harter. 1,624,550; Apr. 12.
Stretcher. J. G. Blaine and C. B. Patton. 1,624,090; Apr. 12.
Striker plate, Adjustable. F. J. Westrope. 1,624,568; Apr. 12.
Strip material, Apparatus for reeling. C. M. Richardson and Z. E. Sargisson. 1,624,183; Apr. 12.
Stropping device, Blade. G. D. Gallagher. 1,624,592; Apr. 12.
Submarine signaling. J. W. Horton. 1,624,412; Apr. 12.
Submarine signaling system. A. M. Curtis. 1,624,396; Apr. 12.
Sucker-rod elevator. A. H. Neilson. 1,624,799; Apr. 12.
Suction cleaner. H. E. Hoover. 1,624,246–7; Apr. 12.
Sugar, Treating. H. C. Wells. 1,624,296; Apr. 12.
Support. J. L. Davidson. 1,624,657; Apr. 12.
Suspended carrier. E. T. Bennington. 1,624,205; Apr. 12.
Swimming wing. W. Kennedy. 1,624,102; Apr. 12.
Switch: *See*—
Controlling switch. Self locking switch.
Electric switch. Signal switch.
Electrical switch. Trolley switch.
Switch lock. C. L. Stoeltzlen. 1,624,372; Apr. 12.
Switch mechanism. H. K. Ansingh. 1,623,955; Apr. 12.
Switch mounting, Automatic. H. F. Obergfell. 1,624,502; Apr. 12.
Switching device. A. R. Swoboda. 1,624,374; Apr. 12.
Swivel link. E. C. Stacy. 1,624,441; Apr. 12.
Syringes, Needle mounting for hypodermic. B. Friedman. 1,624,327; Apr. 12.
T square. A. M. Rasmusen. 1,624,280; Apr. 12.
Table. J. T. Elliot. 1,624,862; Apr. 12.
Table. R. J. Stuart. 1,624,770; Apr. 12.
Table on ships, Dinner. I. Savio. 1,624,437; Apr. 12.
Tailoring, System of. G. A. Mongelli. 1,624,894; Apr. 12.
Tailor's measure. B. Simpson. 1,624,768; Apr. 12.
Tamping and tamping machine. C. R. Hunt. 1,624,734; Apr. 12.
Tank-car cleaning device. F. E. Freel. 1,624,865; Apr. 12.
Tank-filling means. W. H. Smith. 1,624,687; Apr. 12.
Teething device for infants. J. A. Palmer. 1,623,969; Apr. 12.
Telegraph system. A. A. Clokey. 1,624,393; Apr. 12.
Telephone receiver. C. R. Hanna. 1,624,338; Apr. 12.
Telephone substation circuits. F. W. McKown and E. Dietze. 1,624,056–7; Apr. 12.
Telephone system, Automatic. J. E. Gardner. 1,624,329; Apr. 12.
Telephone system, Automatic. A. J. Ray, F. T. Madsen, and H. F. Obergfell. 1,624,007; Apr. 12.
Telephone system, Binaural. H. Fletcher and L. J. Sivian. 1,624,486; Apr. 12.
Telephone system, Semiautomatic. E. E. Hinrichsen. 1,624,341; Apr. 12.
Telephone transmitter. C. R. Moore. 1,624,351–2; Apr. 12.
Telescope air jet. F. Bedard. 1,624,384; Apr. 12.
Temple roll. J. J. O'Connell. 1,624,503; Apr. 12.
Testing device for testing register senders. E. H. Clark. 1,624,540; Apr. 12.
Textile fabric. J. H. Bunting. Des. 72,404–7; Apr. 12.
Textile fabric. F. H. Pillsbury. Des. 72,442; Apr. 12.
Textile fabric. M. Rothschild. Des. 72,445–7; Apr. 12.
Textile fabric or similar article of manufacture. A. J. Heinke. Des. 72,421–5; Apr. 12.
Thermostat. B. Klaften. 1,624,790; Apr. 12.
Thrashing machine. A. E. H. Wallenberg. 1,624,126; Apr. 12.
Thread tightener. A. Hennig. 1,624,898; Apr. 12.

Threading machine, Nipple-. N. B. Smith. 1,624,632; Apr. 12.
Tie clasp. A. J. Smith. 1,624,514; Apr. 12.
Tie holder. J. Jensen. 1,624,737; Apr. 12.
Tin with tightly-closing cover. A. Schwieger. 1,624,901; Apr. 12.
Tire casing or similar article. F. Leopold, jr. Des. 72,431; Apr. 12.
Tire casings, Making. T. Midgley. 1,624,615; Apr. 12.
Tire patch. L. R. Moore. 1,624,619; Apr. 12.
Tire, Resilient. A. E. Bauman. 1,624,856; Apr. 12.
Tissue, measuring its length, and folding it, Machine for inspecting a piece of. J. Nanterme. 1,624,060; Apr. 12.
Toaster. S. F. Rebora. 1,624,182; Apr. 12.
Toaster. C. E. Shields. 1,624,017; Apr. 12.
Toaster and grill, Electric. E. E. Sutherland. 1,624,445; Apr. 12.
Toaster, Electric bread. J. E. Marsden. 1,624,893; Apr. 12.
Tobacco pipe. L. W. Taylor. 1,624,690; Apr. 12.
Tobacco wax and producing the same. S. Amster. 1,624,155; Apr. 12.
Toe adjuster. E. O. Johnson. 1,624,171; Apr. 12.
Tooth-cleaning device. B. Kuhne. 1,624,054; Apr. 12.
Toy. H. C. Barker. 1,624,855; Apr. 12.
Toy firearm. J. H. Wily. 1,624,086; Apr. 12.
Toy, Riding. D. Schaeffer. 1,624,627–8; Apr. 12.
Tractor. M. Moncreiffe. 1,624,110; Apr. 12.
Tractor-trailer safety coupling device. S. B. Winn. 1,623,990; Apr. 12.
Traffic-controlling apparatus, Railway-. H. A. Wallace. 1,624,520; Apr. 12.
Traffic signal. K. C. Parkhurst. 1,624,900; Apr. 12.
Train control. A. R. Angus. 1,624,524; Apr. 12.
Train control, Automatic. D. H. Schweyer. 1,624,118; Apr. 12.
Transmission, Equalization of. M. E. Strieby and C. H. Fetter. 1,624,023; Apr. 12.
Transmission, Hydraulic. E. G. Jacker. 1,624,663; Apr. 12.
Transmission, Multiplex. J. S. Jammer. 1,624,551; Apr. 12.
Transmission system. W. V. Wolfe. 1,624,646; Apr. 12.
Trap: *See*—
Animal trap.
Trap. W. R. Templeton. 1,624,446; Apr. 12.
Tray, Ash. I. R. Naugle. 1,624,621; Apr. 12.
Treads, System of making. G. W. Bulley. 1,624,826; Apr. 12.
Tree cavities and the filling itself, Filling. G. Van Yahres. 1,624,820; Apr. 12.
Tripod, Universal panoramic. F. E. Garbutt. 1,624,096; Apr. 12.
Trolley switch. J. J. Ruddick. 1,624,011–12; Apr. 12.
Trombone, Slide. F. A. Buescher. 1,624,310; Apr. 12.
Truck for circuit-breaker tanks, Lifting. J. W. W. Ow. 1,624,361; Apr. 12.
Truck, Log-loading. C. A. Siders. 1,624,285; Apr. 12.
Trunk. C. Bullock. 1,624,714; Apr. 12.
Tube: *See*—
Collapsible tube. Vacuum tube.
Tube apparatus, Pneumatic-. J. J. Stoetzel. 1,624,078; Apr. 12.
Tube-bending machine. T. T. Robinson. 1,624,804; Apr. 12.
Tubing bleeder. G. C. Bushong. 1,624,311; Apr. 12.
Tumblers, Air supply for. A. Anfossi. 1,624,650; Apr. 12.
Turbine. F. Hodgkinson. 1,623,999; Apr. 12.
Typewriter keys and the like, Apparatus for making caps for. D. L. Easterlin. 1,624,224; Apr. 12.
Typewriters provided with calculating mechanism, Apparatus for driving. T. E. Buschmann. 1,623,995; Apr. 12.
Typewriting machine. A. G. F. Kurowski. 1,624,747; Apr. 12.
Typewriting machine. H. L. Pitman. 1,624,068; Apr. 12.
Typewriting machine. J. Waldheim. 1,624,697; Apr. 12.
Typewriting machines, Adding attachment for. G. O. Degener. 1,624,318–19; Apr. 12.
Typographical machine. W. C. Redfield. 1,624,434; Apr. 12.
Undergarment. R. L. Strong. 1,624,444; Apr. 12.
Undergarment, Combination. G. L. Nickerson. 1,624,558; Apr. 12.
Urethroscope. F. Cerbo. 1,624,716; Apr. 12.
Vacuum cleaner. W. L. Keefer. 1,624,251; Apr. 12.
Vacuum tube. F. R. Geyser. 1,624,331; Apr. 12.
Vacuum tube. H. W. Weinhart. 1,624,451; Apr. 12.
Valve. F. F. Couch. 1,624,218; Apr. 12.
Valve. L. P. Hutt. 1,624,736; Apr. 12.
Valve. J. J. Ryan. 1,624,186; Apr. 12.
Valve. E. J. Steele. 1,624,850; Apr. 12.
Valve adjuster and silencer, Automatic. E. H. McAllister. 1,624,497; Apr. 12.
Valve, Air. T. J. Stokes. 1,624,021; Apr. 12.
Valve, Dry-pipe. T. W. Caudle. 1,624,315; Apr. 12.
Valve, Flush. T. R. Beggs. 1,624,130; Apr. 12.
Valve, Gate. L. J. Black. 1,624,465; Apr. 12.
Valve, Mixing. E. L. Delany. 1,624,479; Apr. 12.
Valve, Radiator relief. E. O. H. Poeppel. 1,624,362; Apr. 12.
Valve, Safety gas. C. Ferrari. 1,624,044; Apr. 12.
Valves and such, Water-tight seating for butterfly. E. C. Hutchinson and C. V. Foulds. 1,624,891; Apr. 12.
Vanity box. S. and H. Buchsbaum. 1,623,994; Apr. 12.
Vanity-case frame. F. J. Quigan. 1,624,070; Apr. 12.
Vaporizer, Kerosene. J. A. Mathes. 1,624,270; Apr. 12.
Vaporizing liquids, Apparatus for. A. Schneider. 1,624,014; Apr. 12.
Variable-speed mechanism. E. C. Hatcher. 1,624,835; Apr. 12.
Vault lights, Form for setting. E. J. Alfieres. 1,624,304; Apr. 12.
Vault, Safe-deposit. E. W. Anderson. 1,624,305; Apr. 12.
Vehicle float, Commercial. J. F. Hindes. Des. 72,427; Apr. 12.
Vehicle signal. W. M. Hammersley. 1,624,236; Apr. 12.
Vehicle underbody construction. E. A. Wetzel. 1,624,903; Apr. 12.
Vehicle wheel. B. Wilkirson. 1,624,645; Apr. 12.
Vehicle wheel jack. H. J. Hoff and G. B., Bush. 1,624,243; Apr. 12.
Vehicles, Brake slack adjuster for. J. Mitchell and J. C. G. Cossey. 1,624,752; Apr. 12.
Vehicles, Braking motor. M. D. Beach. 1,624,525; Apr. 12.
Vehicles, Braking motor. M. D. Beach. 1,624,574; Apr. 12.
Vehicles, Collision shield for. W. W. Marsh. 1,624,418; Apr. 12.
Vehicles, Elastic-support system for. F. L. O. Wadsworth. 1,624,643; Apr. 12.
Vehicles, Lighting magneto for. F. Bovard. 1,624,775; Apr. 12.
Vehicles, Spring suspension for. F. L. O. Wadsworth. 1,623,986; Apr. 12.
Vending machine. W. L. Linton. 1,624,263; Apr. 12.
Ventilating apparatus. A. G. Schuck. 1,624,016; Apr. 12.
Ventilator. H. E. Troutman. 1,624,291; Apr. 12.
Vibrator. L. J. Wahl. 1,623,987; Apr. 12.
Vitamine preparation. M. Winckel. 1,624,154; Apr. 12.
Voltage regulator. J. Slepian. 1,624,370; Apr. 12.
Vulcanisation accelerator and making same. H. W. Elley and D. H. Powers. 1,624,723; Apr. 12.
Wall construction. G. F. Voight. 1,624,192; Apr. 12.
Wall construction and block therefor, Concrete. J. H. Serra. 1,624,369; Apr. 12.
Washing-machine cabinet. C. W. Swanson. Des. 72,458; Apr. 12.
Watchcase. J. Dinhofer. Des. 72,413–16; Apr. 12.
Water-closet bend. E. W. N. Boosey. 1,624,653; Apr. 12.
Water from peat and the like, Removal of. O. Soderlund, T. Boberg, and N. Testrup. 1,624,769; Apr. 12.
Water gate. K. F. Liljegren. 1,624,748; Apr. 12.
Water heater, Electric. T. H. McQuinn. 1,624,843; Apr. 12.
Water softener, Two-flow base exchange. C. T. McGill. 1,624,614; Apr. 12.
Water-softening apparatus. K. W. Bartlett. 1,624,382; Apr. 12.
Water-softening reagent and preparing same. A. S. Behrman. 1,624,711; Apr. 12.
Wave motor. J. J. and W. J. Mann and M. H. Van Coeverden. 1,624,349; Apr. 12.
Wear-compensating bolt. G. C. Monckmeier. 1,624,499; Apr. 12.
Weather strip. O. C. Watkins. 1,624,295; Apr. 12.
Web-roll tension devices, Brake for. H. W. Wood and C. Nordfors. 1,623,992; Apr. 12.
Weed killer. W. D. Barnard. 1,624,033; Apr. 12.
Welding. E. A. Nelson. 1,624,501; Apr. 12.
Wheel: *See*—
Pneumatic wheel. Vehicle wheel.
Wheel. F. De Luca. 1,624,780; Apr. 12.
Wheel and brake drum. T. E. Murray. 1,624,112; Apr. 12.
Wheels for road vehicles, Construction of. G. Turner and J. E. Bishop. 1,624,771; Apr. 12.
Winding material, Apparatus for. H. I. Morris. 1,624,272; Apr. 12.
Windmill. G. W. Whitehead. 1,624,452; Apr. 12.
Window-cleaning device. E. E. Shipley. 1,624,284; Apr. 12.
Window frame. H. C. Maise. 1,624,608; Apr. 12.
Window regulator. B. J. Goldsmith and E. Koeb. 1,624,098; Apr. 12.
Window screen. J. A. Chewning. 1,624,534; Apr. 12.
Window screen. E. M. Schwarz. 1,624,368; Apr. 12.
Windshield. M. R. Hull. 1,624,170; Apr. 12.
Windshield cleaner, Motor-driven. S. Lippert. 1,624,264; Apr. 12.
Wire-drawing die. F. Vollmer. 1,624,027; Apr. 12.
Wire or the like, Mechanism for and method of coiling. F. Honig. 1,624,000; Apr. 12.
Wire tie for bundles of various kinds. S. C. Cary. 1,624,531; Apr. 12.
Wire tier, Bailing-. J. O. Carroll. 1,624,157; Apr. 12.
Wireless receiving circuits. H. J. Round. 1,624,185; Apr. 12.
Wireless signaling. M. Osnos and L. Kasarnowsky. 1,624,005; Apr. 12.
Wood-treating apparatus. G. B. Shipley. 1,623,979; Apr. 12.
Work rest. H. J. Cook. 1,624,888; Apr. 12.
Wrench. F. C. Reilly. 1,624,508; Apr. 12.
Wringer. S. E. Schroeder. 1,624,073; Apr. 12.
Wringers, Safety device for. T. Adams. 1,624,706; Apr. 12.
X-ray filter. A. St. John. 1,624,443; Apr. 12.

CLASSIFICATION OF PATENTS

ISSUED APRIL 12, 1927.

NOTE.—First number=class, second number=subclass, third number=patent number.

1— 2: 1,624,854
2— 12: 1,624,337
19: 1,624,696
22: 1,624,129
42: 1,623,973
73: 1,624,558
74: 1,624,570
78: 1,624,444
150: 1,624,737
162: 1,624,429
176: 1,624,727
278: 1,624,805
4— 57: 1,624,234
214: 1,624,016
285: 1,624,824
5— 114: 1,624,307
164: 1,624,222
344: 1,624,797
9— 17: 1,624,102
20: 1,623,998
25: 1,624,743
10— 8: 1,624,746
72: 1,624,180
105: 1,624,632
167: 1,624,872
12— 17: 1,624,013
1,624,326
14— 42: 1,624,325
15— 4: 1,624,293
6: 1,624,246
1,624,247
8: 1,624,251
21: 1,624,221
229: 1,624,641
250: 1,624,284
265: 1,624,480
16— 14: 1,624,392
172: 1,624,181
17— 3: 1,624,173
44: 1,624,320
18— 2: 1,624,343
16: 1,624,904
42: 1,624,224
43: 1,624,616
1,624,617
53: 1,624,723
1,624,724
56: 1,624,725
1,624,849
4: 1,624,826
19— 44: 1,624,435
136: 1,624,815
20— 67: 1,624,295
79: 1,624,405
564: 1,624,620
22— 2: 1,623,991
65: 1,623,997
84: 1,624,553
123: 1,624,605
190: 1,624,354
23— 3: 1,624,206
1,624,625
24: 1,624,162
53: 1,624,281
79: 1,624,147
112: 1,624,711
248: 1,624,396
24— 12: 1,623,966
121: 1,624,564
136: 1,624,399
233: 1,624,561
258: 1,624,253
259: 1,624,514
25— 127: 1,624,191
128: 1,624,704
1,624,712
157: 1,624,386
1,624,710
29— 84: 1,624,356
148: 1,624,051
1,624,597
30— 12: 1,624,328
1,624,707
13: 1,624,853
25: 1,624,640
33— 8: 1,624,768
33— 17: 1,624,894
21: 1,624,549
26: 1,624,280
98: 1,624,535
108: 1,624,031
129: 1,624,633
137: 1,624,779
147: 1,624,654
148: 1,624,788
168: 1,624,150
190: 1,624,622
214: 1,624,161
1,624,339
1,624,684
34— 7: 1,624,650
46: 1,624,639
1,624,754
48: 1,624,029
1,624,371
1,624,735
35— 2: 1,624,450
36— 14: 1,624,500
54: 1,624,143
76: 1,624,001
37— 42: 1,624,809
44: 1,624,839
152: 1,624,421
191: 1,623,957
39— 5: 1,624,169
56: 1,624,256
40— 1.5: 1,624,458
17: 1,624,472
124.5: 1,624,048
125: 1,624,900
126: 1,624,507
142: 1,624,741
149: 1,624,302
41— 3: 1,624,238
26: 1,623,967
1,624,652
42— 1: 1,624,876
1,624,878
44: 1,624,877
1,624,879
54: 1,624,086
43— 22: 1,624,052
1,624,233
42: 1,624,116
81: 1,624,548
87: 1,624,003
89: 1,624,456
133: 1,624,773
138: 1,624,240
148: 1,624,321
44— 27: 1,624,769
45— 47: 1,624,862
68: 1,624,042
75: 1,624,437
117: 1,624,770
46— 14: 1,624,018
40: 1,624,855
47— 8: 1,624,820
35: 1,624,504
41: 1,624,407
49: 1,624,033
48— 76: 1,624,694
102: 1,624,431
103: 1,624,270
180: 1,624,271
202: 1,624,644
219: 1,624,046
49— 3: 1,624,283
48: 1,624,197
78.1: 1,624,699
51— 40: 1,624,211
42: 1,624,868
86: 1,624,592
1,624,593
96: 1,624,638
100: 1,624,259
118: 1,624,240
130: 1,624,642
170: 1,624,400
203: 1,624,551
206: 1,624,634
1,624,635
51— 225: R. 16,590
245: 1,624,636
249: 1,624,494
280: 1,624,783
52— 13: 1,624,401
24: 1,624,600
53— 3: 1,624,606
5: 1,624,017
1,624,182
1,624,214
8: 1,624,745
11: 1,624,241
25: 1,624,624
68: 1,624,807
55— 60: 1,624,521
67: 1,624,488
77: 1,624,084
148: 1,624,442
56— 34: 1,624,313
59— 16: 1,624,063
95: 1,624,441
60— 46: 1,624,464
53: 1,624,663
61— 27: 1,624,571
28: 1,624,748
34: 1,624,330
62— 31: 1,624,678
114: 1,624,679
64— 5: 1,624,902
89: 1,624,262
66— 34: 1,624,482
144: 1,624,792
150: 1,624,373
67— 87: 1,624,262
115: 1,624,044
68— 9: 1,624,698
1,624,726
11: 1,624,829
32: 1,624,073
1,624,419
1,624,706
34: 1,624,796
70— 90: 1,624,563
115: 1,624,859
71— 7: 1,624,195
72— 15.5: 1,624,128
40: 1,624,369
102: 1,624,300
106: 1,624,802
118: 1,624,187
1,624,192
1,624,193
1,624,817
123: 1,624,121
138: 1,624,136
73— 30: 1,624,750
37: 1,624,095
51: 1,624,303
1,624,415
54: R. 16,589
1,624,359
1,624,659
74— 7: 1,624,416
1,624,589
14: 1,624,269
1,624,647
1,624,702
1,623,978
21: 1,624,892
32: 1,624,058
1,624,111
34: 1,624,756
38: 1,624,228
39: 1,624,114
1,624,867
40: 1,624,676
46: 1,624,050
53: 1,624,835
1,624,895
58: 1,624,244
95: 1,624,008
97: 1,624,097
108: 1,623,972
1,624,791
109: 1,624,189
1,624,209
74— 109: 1,624,279
1,624,613
112: 1,624,425
75— 1: 1,624,075
1,624,857
18: 1,624,172
76— 35: 1,624,864
77— 23: 1,624,648
78— 92: 1,624,501
80— 62: 1,624,340
81— 3.1: 1,624,833
15: 1,624,556
21: 1,624,252
119: 1,624,508
82— 35: 1,624,888
83— 8: 1,624,032
11: 1,624,886
27: 1,624,831
73: 1,624,705
84— 41: 1,623,968
320: 1,624,061
396: 1,624,310
85— 9: 1,624,767
13: 1,624,595
32: 1,624,490
87— 5: 1,624,055
19: 1,624,155
88— 1: 1,624,300
1,624,733
16: 1,624,667
17: 1,624,103
1,624,731
1,624,732
18: 1,624,730
18.7: 1,624,156
1,624,580
24: 1,624,816
28: 1,624,669
90— 32: 1,624,055
91— 32: 1,624,094
36: 1,624,844
39: 1,624,406
45: 1,624,827
46: 1,624,379
68: 1,624,091
92— 3: 1,624,492
21: 1,624,599
24: 1,624,875
41: 1,624,184
44: 1,624,049
50: 1,624,384
54: 1,624,471
93— 2: 1,624,257
6: 1,624,664
7: 1,624,203
49: 1,624,885
83: 1,623,965
94— 29: 1,624,304
39: 1,623,984
46: 1,624,390
50: 1,624,734
53: 1,623,998
94: 1,624,781
100: 1,624,586
95— 53: 1,624,998
96— 51: 1,624,889
97— 36: 1,624,610
47: 1,624,406
82: 1,624,041
238: 1,624,789
98— 2: 1,624,291
103: 1,624,226
108: 1,624,225
115: 1,624,107
99— 2: 1,624,572
1,624,573
11: 1,624,036
1,624,074
1,624,154
12: 1,623,979
16: 1,624,153
100— 20: 1,624,157
57: 1,624,808
101— 57: 1,624,685
93: 1,624,124
95: 1,624,552
126: 1,624,538
101— 225: 1,624,062
287: 1,624,069
377: 1,623,974
1,623,975
391: 1,624,751
401.3: 1,624,594
102— 15: 1,624,649
103— 46: 1,624,423
92: 1,624,466
126: 1,624,099
132: 1,624,607
162: 1,624,363
181: 1,624,821
205: 1,624,527
206: 1,624,577
104— 235: 1,624,064
105— 113: 1,624,709
154: 1,624,205
364: 1,624,700
1,624,801
106— 18: 1,623,989
24: 1,623,985
31: 1,624,403
107— 1: 1,624,670
29: 1,624,316
54: 1,624,490
108— 5.4: 1,624,207
109— 12: 1,624,305
110— 32: 1,624,661
44: 1,624,651
1,624,803
75: 1,624,009
87: 1,624,198
1,624,199
175: 1,624,067
111— 7: 1,624,474
112— 242: 1,624,898
251: 1,624,884
113— 12: 1,624,213
26: 1,624,286
38: 1,623,960
116: 1,624,496
116— 41: 1,624,468
46: 1,624,236
137: 1,624,573
147: 1,624,587
118— 5: 1,623,964
55: 1,624,713
119— 42: 1,624,629
127: 1,624,861
120— 24: 1,624,534
46: 1,624,190
1,624,194
50: 1,624,554
82: 1,624,427
121— 18: 1,624,179
97: 1,624,264
151: 1,624,004
167: 1,624,218
122— 27: 1,624,602
94: 1,624,655
305: 1,624,014
336: 1,624,481
374: 1,624,230
391: 1,624,576
123— 25: 1,624,838
32: 1,624,413
47: 1,624,404
52: 1,624,229
53: 1,624,489
1,624,581
1,624,582
1,624,584
59: 1,624,583
73: 1,624,024
90: 1,624,101
1,624,365
1,624,454
1,624,497
1,624,693
97: 1,624,342
1,624,525
1,624,574
119: 1,624,432
122: 1,624,249
123— 127: 1,624,604
169: 1,624,785
171: 1,624,453
180: 1,624,623
187.5: 1,624,139
188: 1,624,002
1,624,850
190: 1,624,388
195: 1,624,738
197: 1,624,277
126— 39: 1,624,550
44: 1,624,298
248: 1,624,080
304: 1,624,402
127— 63: 1,624,296
128— 7: 1,624,716
56: 1,624,133
81: 1,624,171
166: 1,624,266
221: 1,624,327
359: 1,623,969
129— 16: 1,623,980
1,623,981
38: 1,624,660
41: 1,624,020
130— 29: 1,624,126
131— 12: 1,624,690
13: 1,624,755
51: 1,624,621
132— 11: 1,624,753
18: 1,624,757
36: 1,624,336
48: 1,624,449
50: 1,624,428
82: 1,624,874
84: 1,624,015
93: 1,624,054
133— 1: 1,624,772
134— 1: 1,624,088
135— 47: 1,624,591
136— 102: 1,624,845
107: 1,624,409
108: 1,624,131
111: 1,624,455
116: 1,624,460
173: 1,624,795
137— 13: 1,624,317
75: 1,624,653
93: 1,624,130
78: 1,624,446
101: 1,624,687
139: 1,624,132
1,624,168
1,624,275
140: 1,624,093
156: 1,624,348
159: 1,624,718
138— 9: 1,624,151
17: 1,624,160
139— 91: 1,624,515
141: 1,624,108
160: 1,624,870
217: 1,624,516
296: 1,624,503
141— 7: 1,624,026
9: 1,624,380
1,624,381
1,624,461
143— 64: 1,624,072
68: 1,624,662
144— 12: 1,624,274
32: 1,624,189
288: 1,624,609
309: 1,624,691
145— 52: 1,624,530
149— 19: 1,624,309
150— 30: 1,624,611
1,624,612
40: 1,623,959
49: 1,624,212
151— 24: 1,624,764
152— 8: 1,624,780
1,624,856
26: 1,624,619
33: 1,624,688
37: 1,624,645

153— 40: 1,624,804
54: 1,624,448
154— 1: 1,624,332
1,624,533
9: 1,624,544
10: 1,624,272
14: 1,624,615
156— 14: 1,624,368
1,624,534
35: 1,624,053
158— 27.4: 1,624,377
28: 1,624,165
1,624,681
76: 1,624,806
77: 1,624,350
159— 4: 1,624,739
164— 6.5: 1,624,542
6.6: 1,624,543
49: 1,624,367
65: 1,624,541
68: 1,623,983
73: 1,624,590
167— 6: 1,624,089
7: 1,624,164
1,624,358
169— 21: 1,624,315
170— 41: 1,624,452
171— 34: 1,624,178
1,624,417
95: 1,624,135
97: 1,624,729
119: 1,624,364
229: 1,624,370
1,624,387
1,624,715
252: 1,624,254
312: 1,624,566
172— 36: 1,624,758
179: 1,624,158
276: 1,624,378
293: 1,624,880
173— 259: 1,624,047
321: 1,624,289
332: 1,623,955
338: 1,624,547
175— 41: 1,624,333
1,624,334
183: 1,623,982
1,624,457
294: 1,624,728
352: 1,624,560
356: 1,624,856
359: 1,624,447
361: 1,624,346
1,624,536
367: 1,624,076
176— 16: 1,624,077
1,624,109
34: 1,624,762
41: 1,624,383
122: 1,624,314
131: 1,624,071
177— 311: 1,624,478
1,624,866
314: 1,624,176
369: 1,624,059
386: 1,624,412
178— 44: 1,624,023
1,624,551
1,624,579
1,624,601
1,624,646
1,624,665
1,624,682

178— 45: 1,624,470
46: 1,624,630
51: 1,624,496
53: 1,624,395
63: 1,624,393
1,624,396
179— 1: 1,624,486
4: 1,624,506
15: 1,624,596
17: 1,624,007
18: 1,624,329
27: 1,624,341
27.6: 1,624,202
1,624,502
81: 1,624,056
1,624,057
100.1: 1,624,196
117: 1,624,338
122: 1,624,351
1,624,353
124: 1,624,352
171: 1,624,065
1,624,498
1,624,511
175: 1,624,422
1,624,484
1,624,540
182: 1,624,144
180— 14: 1,624,110
53: 1,624,145
1,624,418
181— 27: 1,624,242
32: 1,624,357
184— 6: 1,624,689
185— 19: 1,624,656
40: 1,623,995
1,624,301
186— 1: 1,624,267
187— 29: 1,623,977
75: 1,624,759
188— 42: 1,624,141
88: 1,624,265
151: 1,623,992
187: 1,624,578
194: 1,624,568
198: 1,624,752
231: 1,624,509
249: 1,624,035
189— 32: 1,624,485
36: 1,623,956
46: 1,624,306
1,624,760
90: 1,624,871
190— 13: 1,624,297
1,624,832
192— 18: 1,624,025
1,624,174
60: 1,624,841
109: 1,624,513
116.5: 1,624,784
139: 1,624,261
140: 1,624,260
193— 2: 1,624,079
194— 1: 1,624,019
1,624,881
83: 1,623,970
196— 47: 1,624,848
68: 1,624,778
96: 1,624,692
122: 1,624,083
1,624,294
197— 65: 1,624,068
135: 1,624,747
153: 1,624,697

198— 31: 1,624,250
165: 1,624,703
211: 1,624,175
199— 29: 1,623,971
31: 1,624,119
47: 1,624,434
200— 6: 1,624,374
8: 1,624,483
11: 1,624,391
21: 1,624,113
30: 1,624,100
35: 1,624,120
1,624,539
89: 1,624,255
1,624,828
80: 1,624,775
87: 1,624,476
106: 1,624,882
113: 1,624,322
119: 1,624,030
133: 1,624,438
150: 1,624,361
166: 1,623,954
167: 1,624,463
169: 1,624,372
201— 55: 1,624,038
63: 1,624,345
204— 8: 1,624,575
64: 1,624,217
1,624,344
205— 29: 1,624,027
206— 8: 1,624,897
39: 1,624,719
41: 1,624,858
208— 42: 1,624,637
165: 1,624,628
209— 30: 1,624,717
90: 1,624,389
114: 1,624,034
138: 1,624,519
144: 1,624,518
147: 1,624,800
157: 1,624,134
165: 1,624,163
169: 1,624,559
223: 1,624,523
210— 14: 1,624,382
24: 1,624,614
51: 1,624,092
76: 1,624,287
1,624,288
149: 1,624,383
155: 1,624,276
165: 1,624,556
183: 1,624,832
209: 1,624,865
211— 8: 1,624,263
1,624,883
1,624,045
32: 1,624,235
213— 29: 1,624,742
214— 18: 1,624,258
1,624,763
41: 1,624,177
64: 1,624,323
152: 1,624,505
215— 88: 1,624,440
216— 55: 1,624,366
217— 12: 1,624,825
60: 1,624,467
1,624,557
69: 1,624,531
219— 19: 1,624,040
1,624,445

219— 19: 1,624,893
25: 1,624,666
38: 1,624,216
1,624,863
39: 1,624,843
41: 1,624,397
220— 7: 1,624,517
9: 1,624,010
31: 1,623,994
32: 1,624,070
39: 1,624,840
42: 1,624,901
94: 1,624,573
221— 1: 1,624,477
11: 1,624,268
47.3: 1,624,138
60: 1,624,140
67: 1,624,245
102: 1,624,231
223— 19: 1,624,777
224— 29: 1,624,462
1,624,493
45: 1,624,890
225— 12: 1,624,786
226— 17: 1,623,958
82: 1,624,869
96: 1,624,846
228— 17: 1,624,569
229— 14: 1,624,360
51: 1,624,375
52: 1,624,439
53: 1,624,626
54: 1,624,522
76: 1,624,137
87: 1,624,776
232— 4: 1,624,335
233— 35: 1,624,117
234— 11: 1,624,887
235— 22: 1,624,123
59: 1,624,318
1,624,319
60: 1,624,105
61.6: 1,624,523
65: 1,624,104
236— 16: 1,624,039
62: 1,624,362
237— 12.3: 1,623,963
78: 1,624,774
238— 208: R. 16,592
314: 1,624,555
325: 1,624,028
240— 1: 1,624,411
6.4: 1,624,347
8.2: 1,624,433
1,624,436
1,624,842
84: 1,624,237
10.5: 1,624,686
41: 1,624,491
48.6: 1,624,166
61: 1,624,818
85: 1,624,299
138: 1,624,794
242— 55: 1,624,183
75: 1,624,394
79: 1,624,000
85: 1,624,585
98: 1,624,414
158: 1,624,232
243— 9: 1,624,078
244— 2: 1,623,961
1,624,188
18: 1,624,475
31: 1,624,761

246— 23: 1,624,524
34: 1,624,125
1,624,248
63: 1,624,118
78: 1,624,087
129: 1,624,813
248: 1,624,012
249: 1,624,011
248— 20: 1,624,766
1,624,890
47: 1,624,096
49: 1,624,410
1,624,426
65: 1,624,355
1,624,695
250— 6: 1,624,672
8: 1,624,201
9: 1,624,473
1,624,459
11: 1,624,673
13: 1,624,215
16: 1,624,332
17: 1,623,996
1,624,005
1,624,006
1,624,208
20: 1,624,185
27: 1,624,148
27.5: 1,624,451
1,624,562
34: 1,624,443
35: 1,624,331
36: 1,624,537
251— 11: 1,624,891
31: 1,624,736
56: 1,624,152
72: 1,624,465
98: 1,624,512
125: 1,624,021
152: 1,624,186
253— 3: 1,624,529
6: 1,624,349
17: 1,624,115
254— 54: 1,624,090
88: 1,624,243
97: 1,624,106
149: 1,624,510
185: 1,624,285
1,624,545
255— 71: 1,624,312
72: 1,624,146
257— 24: 1,624,066
25: 1,624,782
128: 1,624,487
151: 1,624,565
205: 1,624,749
259— 7: 1,624,567
91: 1,624,701
96: 1,624,037
113: 1,623,987
260— 3: 1,624,082
4: 1,624,638
12: 1,624,637
33: 1,624,546
48: 1,624,675
106: R. 16,591
120: 1,624,674
122: 1,624,810
1,624,811
1,624,812
261— 39: 1,624,631
78: 1,624,603
114: 1,624,324
1,624,793

261— 118: 1,624,557
263— 7: 1,624,204
26: 1,624,043
264— 1: 1,624,219
3: 1,624,227
265— 1: 1,624,142
1,624,430
48: 1,624,388
266— 3: 1,624,668
267— 17: 1,623,986
1,624,643
37: 1,624,683
54: 1,624,239
268— 35: 1,624,514
44: 1,624,680
120: 1,624,677
129: 1,624,068
270— 70: 1,624,060
271— 2: 1,623,976
1,624,899
2.2: 1,624,223
28: 1,624,787
32: 1,624,740
273— 58: 1,624,822
73: 1,624,720
85: 1,624,469
102: 1,624,765
131: 1,624,167
132: 1,624,282
161: 1,624,149
274— 33: 1,624,823
275— 1: 1,624,210
277— 18: 1,624,479
280— 33.1: 1,623,900
80: 1,624,127
152: 1,624,860
282— 27: 1,624,618
286— 5: 1,624,852
7: 1,624,671
23: 1,624,798
290— 35: 1,624,420
292— 76: 1,624,819
338: 1,624,836
340: 1,624,568
294— 91: 1,624,799
296— 28: 1,623,988
1,624,908
48: 1,624,606
84: 1,624,170
297— 12: 1,624,790
298— 8: 1,624,122
1,624,376
299— 12: 1,624,081
27: 1,624,744
63: 1,624,847
301— 6: 1,624,112
1,624,220
95: 1,624,771
128: 1,624,278
302— 27: 1,624,308
62: 1,624,424
303— 18: 1,624,520
304— 1: 1,624,721
1,624,722
24: 1,623,962
308— 8: 1,623,999
16: 1,624,022
51: 1,624,708
135: 1,624,837

Apr. 19, 1927

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Acme Apparatus Company, Cambridge, Mass. Battery eliminators for radio sets. 226,784; Apr. 19; Serial No. 223,155; published Feb. 23, 1926.
Acme Oxygen Company, Chicago, Ill. Hydrogen, oxygen, and acetylene gases. 226,889; Apr. 19; Serial No. 241,366; published Feb. 8, 1927.
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Hair-dyeing preparations. 62,674; renewed May 21, 1927.
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Coal-tar dyestuffs. 62,707–8; renewed May 21, 1927.
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Films, plates, and photographic papers. 62,741; renewed May 21, 1927.
Aird Products Co. (See Wynne, Arthur.)
Ajax Rope Company, Inc., New York, N. Y. Sisal rope and for goods of the nature of twine or rope. 226,851; Apr. 19; Serial No. 239,455; published Feb. 8, 1927.
Ajax Rope Company, Inc., New York, N. Y. Rope. 226,852; Apr. 19; Serial No. 239,456; published Feb. 8, 1927.
Ajax Rope Company, Inc., New York, N. Y. Manila rope. 226,853; Apr. 19; Serial No. 239,457; published Feb. 8, 1927.
Allied Golf Company, Chicago, Ill. Golf bags. 226,680; Apr. 19; Serial No. 228,520; published Feb. 8, 1927.
Altman, B., & Co., New York, N. Y. Wearing apparel. 226,701; Apr. 19; Serial No. 240,517; published Feb. 8, 1927.
American Hammered Piston Ring Company, The, Baltimore, Md. Piston rings. 226,920; Apr. 19.
American Lady Corset Co., Detroit, Mich. Corsets. 63,030–1; renewed June 4, 1927.
American Rayon Products Corporation, New York, N. Y. Cloth in the piece. 226,751; Apr. 19; Serial No. 241,766; published Feb. 8, 1927.
American Retail Stores Co., The, Columbus, Ohio, and Indianapolis, Ind. Men's topcoats, overcoats, and three or four piece suits. 226,808; Apr. 19; Serial No. 235,449; published Feb. 8, 1927.
Ames Safety Envelope Company. (See Fitzgerald, John W.)
Andala Company, The, Andalusia, Ala. Woven underwear. 226,708; Apr. 19; Serial No. 240,638; published Feb. 8, 1927.
Anderson-Prichard Oil Corporation, Oklahoma City, Okla. Rubber-solvent naphtha, a product of petroleum. 226,782; Apr. 19; Serial No. 239,958; published Feb. 1, 1927.
Andrew's Mill Co., Andrew's Village, Woonsocket, R. I. Woolens and worsteds in piece. 226,838; Apr. 19; Serial No. 241,382; published Jan. 18, 1927.
Anti-Gripine Company, Springfield, Mo. Medicinal preparation used in the treatment of la grippe, catarrh, colds, etc. 226,858; Apr. 19; Serial No. 236,521; published Feb. 8, 1927.
Arnold Publishing Company, Chicago, Ill. Periodical magazine. 226,674; Apr. 19; Serial No. 241,918; published Feb. 8, 1927.
Atkins, E. C., & Company, Indianapolis, Ind. Saws, machine knives, trowels, saw handles, saw vises, etc. 226,827; Apr. 19; Serial No. 239,784; published Feb. 8, 1927.
Atlas Asbestos Company, North Wales, Pa. Transmission lining for Ford cars. 226,688; Apr. 19; Serial No. 237,770; published Feb. 8, 1927.
Badger Rubber Works, The, Milwaukee, Wis. Transmission disks. 226,705; Apr. 19; Serial No. 240,586; published Jan. 11, 1927.
Bakers' Helper Co., Chicago, Ill. Magazine. 226,837; Apr. 19; Serial No. 241,384; published Feb. 8, 1927.
Ball & Tweedy, Downey, Calif. Fresh oranges, lemons, and grapefruit. 226,805; Apr. 19; Serial No. 241,857; published Feb. 8, 1927.
Barber, A. Duncan. (See Wardlow, S. and C.)
Barrell, William L., Co., New York, N. Y. Waterproofed cotton piece goods. 61,764–5; renewed Apr. 2, 1927.
Bartell, H. W., Mayhews, Calif. Fresh pears, peaches, plums, and grapes. 226,772; Apr. 19; Serial No. 241,858; published Feb. 8, 1927.
Bauman, Joel E., doing business as Crowley County Melon Growers Assn., assignor to Crowley County Melon Growers Association, Ordway, Colo. Fresh honeydew melons and fresh cantaloupes. 226,898; Apr. 19.
Bax, Lionel D., doing business as L. D. Bax Manufacturing Co., Denver, Colo. Piston rings. 226,813; Apr. 19; Serial No. 233,522; published Feb. 8, 1927.
Be-Ro Laboratory. (See Rottmar, Benedikt.)
Betz, W. H. & L. D., Philadelphia, Pa. Chemical compound used for the cleaning of steam boilers. 226,779; Apr. 19; Serial No. 241,690; published Feb. 8, 1927.
Binney & Smith Company, New York, N. Y. Marking and stenciling inks. 226,725; Apr. 19; Serial No. 238,158; published Feb. 8, 1927.
Bliss, Alonzo O., Co., The, to The Alonzo O. Bliss Medical Company, Washington, D. C., successor. Powdered herbs for medicinal purposes. 29,894; renewed Apr. 20, 1927.
Bliss, Alonzo O., Co., The, to The Alonzo O. Bliss Medical Company, Washington, D. C., successor. Powdered herbs. 30,403; renewed July 20, 1927.
Borden, M. C. D., & Sons, Inc., New York, N. Y. Cotton piece goods, artificial silk, and mixtures thereof. 226,728; Apr. 19; Serial No. 237,588; published Feb. 8, 1927.
Boston Auto Gage Company, The, Pittsfield, Mass. Liquid gauges. 226,803; Apr. 19; Serial No. 242,224; published Feb. 8, 1927.
Bray Productions, Inc., The, New York, N. Y. Moving-picture films. 226,799; Apr. 19; Serial No. 242,082; published Feb. 8, 1927.
Briskman, Leon, New York, N. Y. Spools of rayon yarn. 226,761; Apr. 19; Serial No. 240,901; published Feb. 8, 1927.
Brundage, T. L., Company, The, to The Brundage Company, Cleveland, Ohio, successor. Butter. 60,117; renewed Jan. 29, 1927.
Brundage, T. L., Company, The, to The Brundage Company, Cleveland, Ohio, successor. Eggs. 60,118; renewed Jan. 29, 1927.
Bugbee Distributing Company, Hastings, Fla. Potatoes. 226,770; Apr. 19; Serial No. 241,923; published Feb. 8, 1927.
Bulova Watch Company, Inc., New York, N. Y. Watches, watch movements and parts thereof, and watchcases. 226,889; Apr. 19.
Burton, Baker & Co. Ltd. (See Pacific Borax and Redwood's Chemical Works, Limited.)
Butler, J. W., Paper Co., assignor to Butler Paper Corporation, Chicago, Ill. Writing paper. 63,677; renewed July 2, 1927.
Campbell, H. C., doing business as H. C. Campbell Chemical Co., Blytheville, Ark. Pellagra medicine. 226,665; Apr. 19; Serial No. 237,140; published Feb. 8, 1927.
Canadian Mill & Elevator Company, El Reno, Okla. Wheat flour. 226,660; Apr. 19; Serial No. 237,110; published Feb. 8, 1927.
Carmichael, Drewry A., doing business as Dac Pile Remedy Co., Madison, Ga. Medicine for piles. 226,859; Apr. 19; Serial No. 236,595; published Feb. 8, 1927.
Catalina Hats, Inc., San Francisco, Calif. Ladies' hats. 226,841; Apr. 19; Serial No. 241,472; published Feb. 8, 1927.
Catskill Paint & Varnish Co. (See Solberg, Arthur.)
Central Automatic Sprinkler Company, Philadelphia, Pa. Sprinklers and valves in automatic fire-extinguishing systems. 226,702–3; Apr. 19; Serial Nos. 240,531–2; published Feb. 8, 1927.
Chapman Dairy Co., Kansas City, Mo. Pasteurized cream and buttermilk, raw cream, and Pasteurized and raw milk. 226,678; Apr. 19; Serial No. 230,225; published Feb. 8, 1927.
Chapman Dairy Co., Kansas City, Mo. Raw and Pasteurized milk and cream and Pasteurized and cultured buttermilk. 226,679; Apr. 19; Serial No. 228,743; published Feb. 8, 1927.
Charters-Davis Company, Corona, Calif. Fresh citrous fruits. 226,767; Apr. 19; Serial No. 241,984; published Feb. 8, 1927.
Chase, W. P., Candy Corp., Brooklyn, N. Y. Candies. 226,769; Apr. 19; Serial No. 241,925; published Feb. 8, 1927.
Chatillon, John, & Sons. (See Volk, Gustav, & Co., assignor.)
Chemical Foundation, Incorporated, The. (See Actien-Gesellschaft für Anilin-Fabrikation, assignor.)
Chemical Foundation, Incorporated, The. (See Engber, August, assignor.)
Chemical Foundation, Incorporated, The. (See Merck, Firm of E., The, assignor.)
Chemical Foundation, Incorporated, The. (See Norddeutsche Wollkammeri & Kammgarnspinnerei, assignor.)
Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece. 226,747; Apr. 19; Serial No. 241,810; published Feb. 8, 1927.
Chicago Pottery Co., Chicago, Ill. Lavatories, flush tanks, hoppers, etc. 226,740; Apr. 19; Serial No. 237,356; published Feb. 8, 1927.
China & Japan Trading Company, Limited, assignor to China & Japan Trading Co. Ltd., New York, N. Y. Textile fabrics. 62,529; renewed May 14, 1927.
Chung, Thos. G., & Co., Los Angeles, Calif. Fresh vegetables. 226,804; Apr. 19; Serial No. 241,869; published Feb. 8, 1927.

Clark, Raymond A., doing business as Ray's Products Co., Pasadena, Calif. Beverage and sirups for making the same. 226,892; Apr. 19.
Colgan, Frank B., doing business as Colgan Mfg. & Supply Co., New York, N. Y. Lubricating oils. 226,891; Apr. 19.
Columbia Phonograph Company, General, New York, N. Y., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Sound records for talking machines. 64,914; renewed Aug. 27, 1927.
Commercial Publishing Company, The, Memphis, Tenn. Newspaper. 226,836; Apr. 19; Serial No. 241,262; published Feb. 8, 1927.
Continental Bank-Supply Company, Mexico, Mo. Bank supplies—namely, coin bags. 226,876; Apr. 19.
Cook, A. D., Incorporated, Lawrenceburg, Ind. Well pumps, deep-well power heads, etc. 226,895; Apr. 19.
Co-Quin-Ol Company, The. (See Zink, Edward A.)
Corning Distilling Co., Peoria, Ill. Whisky. 226,735; Apr. 19; Serial No. 241,328; published Feb. 8, 1927.
Corona Supply Co., assignor to Corona Supply Company, Rochester, N. Y. Carbon paper and typewriter ribbons. 61,727; renewed Apr. 2, 1927.
Creofloat Manufacturing Co., Seattle, Wash. Soluble disinfectant tablets. 226,733; Apr. 19; Serial No. 241,605; published Feb. 8, 1927.
Cresca Company Incorporated. (See Reiss & Brady, assignors.)
Croft & Allen Corp., Bethlehem and Philadelphia, Pa. Candy. 226,673; Apr. 19; Serial No. 241,930; published Feb. 8, 1927.
Crofut & Knapp Co., The, South Norwalk, Conn. Hats and caps for men. 226,696; Apr. 19; Serial No. 240,293; published Feb. 8, 1927.
Crowley County Melon Growers Assn. (See Bauman, Joel E.)
Cutino Company, The, Kansas City, Mo. Luggage. 226,762; Apr. 19; Serial No. 231,311; published Feb. 8, 1927.
Dac Pile Remedy Co. (See Carmichael, Drewry A.)
Daggett & Ramsdell, New York, N. Y. Cold cream. 226,755; Apr. 19; Serial No. 241,698; published Feb. 8, 1927.
Delbon, Frank G., Brooklyn, N. Y. Metal shoe shanks or stiffeners. 226,792; Apr. 19; Serial No. 205,052; published Dec. 23, 1924.
Dennison Manufacturing Company, Framingham, Mass. Magazine. 226,754; Apr. 19; Serial No. 241,700; published Feb. 8, 1927.
Develon, Thomas, jr., Philadelphia, Pa. Woven rugs and floor coverings. 226,720; Apr. 19; Serial No. 239,646; published Feb. 8, 1927.
Dix, Henry A., & Sons Corporation, New York, N. Y. Piece goods made of cotton, silk, cotton and silk mixtures, etc. 226,821; Apr. 19; Serial No. 231,143; published Feb. 8, 1927.
Dixie Manufacturing Co. Inc., Jackson, Miss. Rubber patch for automobile tires, tubes, and other rubber surfaces. 226,817; Apr. 19; Serial No. 234,198; published Feb. 8, 1927.
Donnelly Garment Company, Kansas City, Mo. Aprons and dresses. 226,675; Apr. 19; Serial No. 240,853; published Feb. 8, 1927.
Duplan Silk Corporation, New York, N. Y. Piece goods of silk, rayon, and mixtures of these materials. 226,750; Apr. 19; Serial No. 241,770; published Feb. 8, 1927.
Dwyer Paper Products Company, Marion, Ind. Pie plates, basins, bowls, and cups. 226,910; Apr. 19.
Eastern Carbon Black Company, Charleston, W. Va. Carbon black. 226,865; Apr. 19; Serial No. 238,826; published Feb. 8, 1927.
Economy Baler Company, Ann Arbor, Mich. Rubbish, trash, or catchall cans. 226,724; Apr. 19; Serial No. 238,956; published Feb. 8, 1927.
Economy Heat Unit Company, Minneapolis, Minn. Oil burners. 226,910; Apr. 19.
Edelblute, Thomas H., doing business as T. H. Edelblute Company, Pittsburgh, Pa. Metal-railway-track braces, also known as gauge rods. 226,739; Apr. 19; Serial No. 236,122; published Feb. 8, 1927.
Ely & Walker Dry Goods Company, St. Louis, Mo. Piece goods made of cotton, silk, etc. 226,716; Apr. 19; Serial No. 240,135; published Feb. 8, 1927.
Empire Silk Co., Paterson, N. J., and New York, N. Y., assignor to Empire Silk Co., New York, N. Y. Silk piece goods. 63,364; renewed June 18, 1927.
Engber, August, Hamburg, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Ointments or salves. 29,996; renewed May 11, 1927.
Enterprise Manufacturing Company, The, Akron, Ohio. Artificial fish lures. 226,875; Apr. 19.
Erly, Clare M., Washington, D. C. Monthly magazine. 226,840; Apr. 19; Serial No. 241,523; published Feb. 8, 1927.
Fahlberg, List & Co. (See Saccharin-Fabrik Aktiengesellschaft.)
Falk American Potato Flour Corporation, doing business as Falk Products Company, Pittsburgh, Pa., and Cadillac, Mich. Paste flour. 226,714; Apr. 19; Serial No. 240,177; published Feb. 8, 1927.
Faudi, F., G. m. b. H., Dusseldorf-Oberkassel, Germany. Structural elements and accessories for automobiles, comprising axles, wheels, etc. 226,790; Apr. 19; Serial No. 206,949; published Feb. 8, 1927.
Federal Telegraph Company, San Francisco, Calif. Radio broadcast receiving sets, loop antennæ, loud speakers, etc. 226,880; Apr. 19.
Fendrich, H., Incorporated, Evansville, Ind. Cigars. 226,846–7; Apr. 19; Serial Nos. 241,525–6; published Feb. 8, 1927.
Ferdinand, L. W., & Co., Boston, Mass. Glues, cements, and glue cement. 226,743; Apr. 19; Serial No. 235,885; published Feb. 8, 1927.
Fernandez, Palicio y Cia. S. en C., Habana, Cuba. Cigars. 226,818; Apr. 19; Serial No. 234,469; published Feb. 8, 1927.
Finger Lakes Creamery, Union Springs, N. Y. Butter. 226,685; Apr. 19; Serial No. 237,450; published Feb. 8, 1927.
First National Stores, Inc., Boston, Mass. Bread, cake, crackers, cookies, etc. 226,760; Apr. 19; Serial No. 240,968; published Feb. 8, 1927.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Rubber inner tubes for pneumatic tires. 226,746; Apr. 19; Serial No. 241,818; published Feb. 8, 1927.
Fitzgerald, John W., doing business as Ames Safety Envelope Company, Boston, Mass. Envelopes. 226,867; Apr. 19; Serial No. 239,169; published Feb. 8, 1927.
Forest Electric Co., Inc., Newark, N. J. Battery-testing devices. 226,905; Apr. 19.
Foundries Service Corporation, Dover, Del., and New York, N. Y. Flasks for making foundry molds. 226,909; Apr. 19.
Foundries Service Corporation, Dover, Del., and New York, N. Y. Patterns for molding. 226,912; Apr. 19.
Gallaway, George W., and G. W. Gallaway, New York, N. Y., successor. Lubricating oils for axles and journal bearings. 63,623; renewed July 2, 1927.
Gates Rubber Company, The, Denver, Colo. Rubber-covered fabric gloves. 226,820; Apr. 19; Serial No. 231,035; published Feb. 8, 1927.
Gautreau, Agnes M., Boston, Mass. Candy. 226,741; Apr. 19; Serial No. 240,183; published Feb. 8, 1927.
General Petroleum Corporation, San Francisco, Calif. Lubricating oils. 226,686; Apr. 19; Serial No. 237,453; published Feb. 1, 1927.
Gianfranchi, F., doing business as Hatikvah Trading Co., Boston, Mass. Canned vegetables. 226,745; Apr. 19; Serial No. 241,820; published Feb. 8, 1927.
Gibbs, Malcolm G., doing business as Mammy Lou Candy Co., Washington, D. C. Candy. 226,748; Apr. 19; Serial No. 240,185; published Feb. 8, 1927.
Gilbert & Thomas, Los Angeles, Calif. Fresh citrous fruits. 226,723; Apr. 19; Serial No. 239,104; published Feb. 8, 1927.
Glaser, Crandell Co., Chicago, Ill. Compound fruit preserve. 226,899; Apr. 19.
Glendale Engineering Co., Glendale, Calif. Automobile ignition timers. 226,881; Apr. 19.
Gold Dust Corporation, Jersey City, N. J. Soaps. 226,868; Apr. 19; Serial No. 239,171; published Feb. 8, 1927.
Golden Nugget Sweets, San Francisco, Calif. Fudge and nougat. 226,721; Apr. 19; Serial No. 239,930; published Feb. 8, 1927.
Golden Nugget Sweets, San Francisco, Calif. Fudge. 226,824; Apr. 19; Serial No. 239,929; published Feb. 8, 1927.
Goldenheim Corporation New York, N. Y. Upholstery and drapery fabrics in the piece made of cotton and cotton and silk. 226,902; Apr. 19.
Goldschmidt Thermit Company, New York, N. Y. Metal compounds for use in the process of welding metals. 61,880; renewed Apr. 9, 1927.
Goldsoll, Frank J., to Tecla Pearls, Inc., New York, N. Y., successor. Jewelry. 64,783; renewed Aug. 20, 1927.
Grinnell Willis & Co., assignor, by mesne assignments, to Ridley Watts & Co., New York, N. Y. Shirtings, sheetings, cambrics, and long cloth. 56,660; renewed Oct. 16, 1926.
Grinnell Willis & Co., assignor, by mesne assignments, to Ridley Watts & Co., New York, N. Y. Shirtings, sheetings, cambrics, and long cloth. 56,939; renewed Oct 23, 1926.
Grinnell Willis & Co., assignor, by mesne assignments, to Ridley Watts & Co. New York, N. Y. Shirtings and sheetings, cambrics, and long cloth. 56,957; renewed Oct. 30, 1926.
Grobstein, Aaron J., New York, N. Y. Eggs. 226,830; Apr. 19; Serial No. 241,035; published Feb. 8, 1927.
Grobstein, Aaron J., New York, N. Y. Eggs. 226,830; Apr. 19; Serial No. 241,034; published Feb. 8, 1927.
Hamilton County Eureka Oil Company, The, Cincinnati, Ohio. Gasoline, kerosene, benzol, etc. 226,683; Apr. 19; Serial No. 226,526; published Jan. 25, 1927.
Hamilton, M. B., & Co., Leavenworth, Kans. Gloves, mittens, gauntlets. 226,885–6; Apr. 19.
Hansen, George A., Provo, Utah. Root beer. 226,763; Apr. 19; Serial No. 228,036; published Feb. 8, 1927.
Hardwick & Magee Company, Philadelphia, Pa. Textile rugs. 226,778; Apr. 19; Serial No. 241,715; published Feb. 8, 1927.
Hartman Furniture & Carpet Co., Chicago, Ill. Rugs, mats, lace curtains, etc. 226,924; Apr. 19.

Harvey Fruit Co. Inc., Minneapolis, Minn. Malt extract. 226,917; Apr. 19.
Hastad, Amanda, New York, N. Y. Scalp salves and ointment and hand and face lotions. 226,785; Apr. 19; Serial No. 222,378; published Feb. 9, 1926.
Hatikvah Trading Co. (See Gianfranchi, F.)
Hays Manufacturing Co., Erie, Pa. Monthly publication. 226,835; Apr. 19; Serial No. 241,529; published Feb. 8, 1927.
Hedquist Drug Co. (See Smoot Drug Co.)
Heilwig Silk Dyeing Company, The, Philadelphia, Pa. Textile fabrics. 226,777; Apr. 19; Serial No. 241,716; published Feb. 8, 1927.
Herbert, Harold, Inc., Long Island City, N. Y. Radio receiving sets, battery eliminators, etc. 226,897; Apr. 19.
Hoffman, Max M., doing business as Hoffman's, Boston, Mass. Hosiery and underwear. 226,888; Apr. 19.
Hoosier Motor Club, The, Indianapolis, Ind. Magazine. 226,835; Apr. 19; Serial No. 241,281; published Feb. 8, 1927.
Hough Shade Corporation, Janesville, Wis. Fabric formed of woven splints, strips, or slats, and thread, cord, etc. 226,732; Apr. 19; Serial No. 241,622; published Feb. 8, 1927.
Huebschman, Hyman, Brooklyn, N. Y. Perfumes, toilet waters, hair tonics, face lotions, etc. 226,718; Apr. 19; Serial No. 239,174; published Feb. 8, 1927.
Hunter Manufacturing & Commission Co., New York, N. Y. Cotton piece goods. 226,666; Apr. 19; Serial No. 237,236; published Feb. 8, 1927.
Hunter Milling Company, The, Wellington, Kans. Wheat flour. 64,310; renewed July 30, 1927.
Hylton Flour Mills, Inc., Ogden, Utah. Wheat flour. 226,634; Apr. 19; Serial No. 241,284; published Feb. 8, 1927.
Imperial Produce Co., Brawley, Calif. Fresh cantaloupes. 226,744; Apr. 19; Serial No. 235,140; published Feb. 8, 1927.
Imperial Trust for the Encouragement of Scientific and Industrial Research, The, London, England. Glass flasks. 226,809; Apr. 19; Serial No. 235,776; published Feb. 8, 1927.
Imperial Trust for the Encouragement of Scientific and Industrial Research, The, London, England. Glass flasks. 226,810; Apr. 19; Serial No. 235,780; published Feb. 8, 1927.
Inderrieden, J. B., Co., Chicago, Ill. Dried fruits—namely, raisins, apricots, figs, grapes, peaches, etc. 226,742; Apr. 19; Serial No. 236,040; published Nov. 30, 1926.
International Shoe Company, St. Louis, Mo. Leather outer soles. 226,825; Apr. 19; Serial No. 239,934; published Feb. 8, 1927.
I-Sis Laboratories, Inc., New York, N. Y. Metal polishes. 226,756; Apr. 19; Serial No. 241,623; published Feb. 8, 1927.
Jewelers Circular Publishing Co., New York, N. Y. Periodicals. 62,324; renewed Apr. 30, 1927.
Jewelers Circular Publishing Co., The, New York, N. Y. Periodicals. 62,905; renewed May 28, 1927.
Jewelers Circular Publishing Co., New York, N. Y. Periodicals. 63,276; renewed June 11, 1927.
Jewelers Circular Publishing Co., The, New York, N. Y. Periodicals. 63,550; renewed June 25, 1927.
Jewelers Circular Publishing Co., The, New York, N. Y. Periodicals. 63,897; renewed July 16, 1927.
Jewell, Ira H., doing business as Jewell Water Co., Chicago, Ill. Distilled water. 226,908; Apr. 19.
Katz & Ogush, Inc., New York, N. Y. Finger rings, bar pins, scarf pins, bracelets, etc. 226,758; Apr. 19; Serial No. 240,979; published Feb. 1, 1927.
Katz & Ogush, Inc., New York, N. Y. Watches, watch-cases, and watch movements. 226,759; Apr. 19; Serial No. 240,978; published Feb. 1, 1927.
Kellogg Ice Cream Co., doing business as Kellogg Jell Powder Co., Burlington, Wis. Jell powder. 226,916; Apr. 19.
Kelly Axe Manfg. Co., Alexandria, Ind., Louisville, Ky., and New York, N. Y., assignor to Kelly Axe & Tool Co., Charleston, W. Va. Axes. 29,972; renewed May 4, 1927.
Kirschbraun & Sons, assignor to Kirschbraun & Sons, Inc., Omaha, Nebr. Creamery butter. 61,601; renewed Mar. 26, 1927.
Kisky, J. B., doing business as J. B. Kisky and Company, Portland, Oreg. Biscuit flour. 226,872; Apr. 19.
Klinker Manufacturing Co., The, Cleveland, Ohio. After-shaving lotion and after-shaving talc. 226,903; Apr. 19.
Kornhandler & Kane, New York, N. Y. Dresses. 226,694; Apr. 19; Serial No. 240,866; published Feb. 8, 1927.
Krank, Alfred J., St. Paul, Minn. Hair tonics, skin remedies, hairdressings, massage creams, etc. 226,816; Apr. 19; Serial No. 234,129; published Feb. 8, 1927.
La Monte, George, & Sons, Nutley, N. J., and New York, to George La Monte & Son, New York, N. Y. Writing and printing paper. 63,142; renewed June 11, 1927.
Lawrence Publishing Company, The, Cleveland, Ohio. Periodical. 226,704; Apr. 19; Serial No. 240,557; published Feb. 8, 1927.

Leuffen, C., & Cie., Kommanditgesellschaft, Eitorf/Sieg, Germany. Pharmaceutical and medical preparations. 226,860; Apr. 19; Serial No. 236,614; published Feb. 8, 1927.
Levy, Sid, San Francisco, Calif. Men's garters. 226,689; Apr. 19; Serial No. 224,713; published Feb. 8, 1927.
Lichtenstein, Milton, doing business as Milton Lichtenstein & Co., New York, N. Y. Women's misses', and children's coats, suits, dresses, millinery, etc. 226,855; Apr. 19; Serial No. 239,710; published Feb. 8, 1927.
Lichtenstein-Mittenthal Co., Dallas, Tex. Hats. 226,887; Apr. 19.
Lorenz Publishing Company, Dayton, Ohio. Magazine. 226,682; Apr. 19; Serial No. 240,668; published Feb. 8, 1927.
Lorenz Publishing Company, Dayton, Ohio. Magazine. 226,709; Apr. 19; Serial No. 240,665; published Feb. 8, 1927.
Lorenz Publishing Company, Dayton, Ohio. Magazine. 226,710; Apr. 19; Serial No. 240,666; published Feb. 8, 1927.
Lorenz Publishing Company, Dayton, Ohio. Magazine. 226,802; Apr. 19; Serial No. 240,667; published Feb. 8, 1927.
Loverin & Browne Company, Chicago, Ill. Washing powder. 64,016; renewed July 16, 1927.
Lyman Gun Sight Corporation, The, Middlefield, Conn. Gun sights. 64,526; renewed Aug. 13, 1927.
Lyon-Moody Company, Bradford, Pa. Antifreezing solution. 226,738; Apr. 19; Serial No. 236,138; published Feb. 8, 1927.
MacVeagh, Franklin, & Company, Chicago, Ill. Fruit preserves. 226,857; Apr. 19; Serial No. 236,329; published Feb. 8, 1927.
Malto-Hopo Company, The. (See Selby, John A.)
Mammy Lou Candy Co. (See Gibbs, Malcolm G.)
McClintock-Stern Co., Inc., San Francisco, Calif. Coffee, tea, spices, etc. 226,906; Apr. 19.
McKelvie Publishing Company, The, Lincoln, Nebr. Periodical magazine. 226,681; Apr. 19; Serial No. 228,122; published Feb. 8, 1927.
McMillan Book Company, Syracuse, N. Y. Loose-leaf books. 226,844; Apr. 19; Serial No. 241,536; published Jan. 25, 1927.
Merck, Firm of E., The, Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Medicinal chemicals. 29,995; renewed May 11, 1927.
Merck, Firm of E., The, Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Medicinal chemicals acting as internal and external astringent disinfectants. 30,078; renewed May 25, 1927.
Messer, Ed, Confectionery Co., The, Cincinnati, Ohio. Candy. 226,722; Apr. 19; Serial No. 239,942; published Feb. 8, 1927.
Mid-States Gummed Paper Company, Chicago, Ill. Kraft, bond, manila, etc., paper. 226,823; Apr. 19; Serial No. 231,392; published Feb. 8, 1927.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton goods, silk goods, and linen goods, etc. 226,896; Apr. 19.
Mode Publishing Co., Inc., New York, N. Y. Periodical. 226,658; Apr. 19; Serial No. 241,894; published Feb. 8, 1927.
Monarch Typewriter Company, The, Syracuse, assignor to Remington Typewriter Company, Ilion and New York, N. Y., Typewriting machines. 64,039; renewed July 23, 1927.
Mueller, H., Manufacturing Company, assignor to Mueller Co., Decatur, Ill. Valves and cocks and parts thereof. 62,076; renewed Apr. 16, 1927.
Mueller, H., Manufacturing Company, assignor to Mueller Co., Decatur, Ill. Metal manufactures. 63,999; renewed July 16, 1927.
Mueller, H., Manufacturing Company, assignor to Mueller Co., Decatur, Ill. Valves and cocks for steam, water, and gas distribution. 64,609–11; renewed Aug. 13, 1927.
Mueller, H., Manufacturing Company, assignor to Mueller Co., Decatur, Ill. Regulating and balance valves. 65,052; renewed Sept. 23, 1927.
Murphy and Saval Company, Chicago, Ill. Leather shoes. 226,878; Apr. 19.
Mustad, O., & Son, Oslo, Norway. Fishhooks. 226,719; Apr. 19; Serial No. 239,190; published Feb. 8, 1927.
Myerin Products Co., Inc., Buffalo, N. Y. Formula for leucorrhea in liquid and tablet form. 226,832; Apr. 19; Serial No. 241,118; published Feb. 8, 1927.
Nash Coffee Company, Milwaukee, Minn. Coffee. 226,882; Apr. 19.
National Airways System, Lomax, Ill. Aeroplanes. 226,731; Apr. 19; Serial No. 241,668; published Feb. 8, 1927.
National Distributors' Association, Peoria, Ill. Monthly bulletin. 226,843; Apr. 19; Serial No. 241,539; published Feb. 8, 1927.
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead. 62,136; renewed Apr. 23, 1927.
Nerden, Thomas A., Ogden, Utah. Medicinal preparation for the treatment of goiter, pyorrhea, etc. 226,776; Apr. 19; Serial No. 241,740; published Feb. 8, 1927.

Neustadtl, Victor, New York, N. Y. Malt sirup for food purposes. 226,757; Apr. 19; Serial No. 240,990; published Feb. 8, 1927.
New England Magnesia Co. (See Robinson, Max W.)
New Era Milling Company, The, Arkansas City, Kans. Wheat flour. 64,312; renewed July 30, 1927.
New Home Sewing Machine Company, The, Orange, Mass. Sewing machines. 226,672; Apr. 19; Serial No. 241,954; published Feb. 8, 1927.
New Home Sewing Machine Company, The, assignor to The New Home Sewing Machine Company, Orange, Mass. Sewing machines and attachments. 59,940–3; renewed Jan. 22, 1927.
New Home Sewing Machine Company, The, assignor to The New Home Sewing Machine Company, Orange, Mass. Sewing machines and attachments. 59,948–53; renewed Jan. 22, 1927.
New Home Sewing Machine Company, The, assignor to The New Home Sewing Machine Company, Orange, Mass. Sewing machines and attachments. 60,078–80; renewed Jan. 29, 1927.
New Home Sewing Machine Company, The, assignor to The New Home Sewing Machine Company, Orange, Mass. Sewing machines and attachments. 60,723–5; renewed Feb. 19, 1927.
New York Canners Inc. (See Olney, Burt, Canning Company, assignor.)
New York Leather Belting Co., New York, N. Y. Leather belting. 65,025; renewed Sept. 3, 1927.
Newark Paraffine & Parchment Paper Co., New York, N. Y. Waxed paper. 226,659; Apr. 19; Serial No. 237,037; published Feb. 8, 1927.
Noble, Lonnie L., Mobile, Ala. Satsuma oranges. 226,706; Apr. 19; Serial No. 240,619; published Jan. 11, 1927.
Norddeutsche Wollkämmerei & Kammgarnspinnerei, Bremen and Delmenhorst, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Inks. 62,605; renewed May 14, 1927.
Nowak, Carl A., St. Louis, Mo. Periodical. 226,671; Apr. 19; Serial No. 241,955; published Feb. 8, 1927.
Odor-Balm Laboratories. (See Shore, William E.)
Ohio Metal Utensil Company, The, Greenwich, Ohio. Combination strainers and receptacles for kitchen refuse and the like. 226,907; Apr. 19.
Ojai Orange Association, Ojai, Calif. Fresh citrous fruits. 226,668; Apr. 19; Serial No. 240,826; published Feb. 8, 1927.
Olney, Burt, Canning Company, Oneida, assignor to New York Canners Inc., Rochester, N. Y. Canned vegetables and fruits. 64,930; renewed Aug. 27, 1927.
O'Neill, Joseph, doing business as Joseph O'Neill Wire Works, Port Chester, N. Y. Wire cloth. 226,894; Apr. 19.
Orange Crush Company, Chicago, Ill. Beverages. 226,698; Apr. 19; Serial No. 240,436; published Feb. 8, 1927.
Oxy Vaporol Co., New York, N. Y. Medicinal compound for treatment of colds, etc. 226,715; Apr. 19; Serial No. 241,176; published Feb. 8, 1927.
Pacific Borax and Redwood's Chemical Works, Limited, The, to Burton Baker & Co. Ltd., London, England, successor. Antiseptics including food preservative preparations. 29,785; renewed Apr. 6, 1927.
Pacific Mills, Lawrence and Boston, Mass. Cotton piece goods. 226,797; Apr. 19; Serial No. 242,390; published Feb. 8, 1927.
Pan-American Mfg. Co. Ltd., New Orleans, La. Sirups used in the manufacture of nonalcoholic beverages, etc. 226,775; Apr. 19; Serial No. 241,834; published Feb. 8, 1927.
Parke, L. H., Company, Philadelphia, Pa. Coffee. 226,787; Apr. 19; Serial No. 219,552; published Dec. 1, 1925.
Parker Pen Company, The, Janesville, Wis. Fountain pens. 226,726–7; Apr. 19; Serial Nos. 238,135–6; published Jan. 25, 1927.
Peerless Springs, Inc., Philadelphia, Pa. Mattresses, cushions, automobile seats, and spiral springs as used in the manufacture thereof. 226,842; Apr. 19; Serial No. 241,434; published Feb. 8, 1927.
Perkins Soap Company, Springfield, Mass. Liquid soap. 226,800; Apr. 19; Serial No. 242,139; published Feb. 8, 1927.
Perrin, Charles, & Cie., Grenoble, France. Gloves of leather. 226,812; Apr. 19; Serial No. 233,223; published Feb. 1, 1927.
Peters Cartridge Company, The, Cincinnati, Ohio. Cartridges, loaded shells, caps, primers, and powder. 63,613–17; renewed July 2, 1927.
Phister Manufacturing Company, Cincinnati, Ohio. Fire extinguishers. 226,913; Apr. 19.
Picot Company, The. (See Valldejuli, Manuel S.)
Pilchard, De Witt T., doing business as Pilchard Fruit Co., Los Angeles, Calif. Fresh vegetables, melons, and fresh citrous and decidnous fruits. 226,814; Apr. 19; Serial No. 233,746; published Feb. 8, 1927.
Pittsburgh Plate Glass Company, Rennous-Kleinle Division, Baltimore, Md. Brushes. 226,901; Apr. 19.
Plunkett, H. (See Stern, Harry.)
Polk Miller Products Corporation, Richmond, Va. Capsules and liquid preparation for dogs. 226,819; Apr. 19; Serial No. 230,839; published July 13, 1926.
Poultry Science Association, Urbana, Ill. Periodical. 226,831; Apr. 19; Serial No. 241,238; published Feb. 8, 1927.
Prentiss, William, jr., Long Beach, Calif. Butter, coffee, candy, nuts, etc. 226,780; Apr. 19; Serial No. 240,091; published Feb. 8, 1927.
Pressed and Welded Steel Products Co. Inc., Long Island City, N. Y. Book racks. 226,798; Apr. 19; Serial No. 242,066; published Feb. 8, 1927.
Public Service Tire & Rubber Co., Inc., Brooklyn, N. Y. Inner tubes of rubber compound. 226,826; Apr. 19; Serial No. 239,948; published Feb. 8, 1927.
Pyro Corrosanti Co. Inc., The, Dover, N. J. Boiler compounds. 226,795; Apr. 19; Serial No. 238,072; published Feb. 8, 1927.
Q-P Signal Company, The, Needham Heights, Mass. Packing for stuffing boxes. 226,864; Apr. 19; Serial No. 238,809; published Feb. 8, 1927.
Radford, William A., Chicago, Ill. Publication. 226,781; Apr. 19; Serial No. 240,003; published Feb. 8, 1927.
Radford, William A., Chicago, Ill. Reproductions of homes with plans, designs, diagrams, etc. 226,786; Apr. 19; Serial No. 220,463; published Feb. 8, 1927.
Railton, B. A., Co., Chicago, Ill. Sugars, soft and powdered; flour, etc. 226,793; Apr. 19; Serial No. 186,929; published Feb. 8, 1927.
Railton, B. A., Co., Chicago, Ill. Sugars, flour, hominy, oats, etc. 226,794; Apr. 19; Serial No. 186,927; published Feb. 8, 1927.
Railway Steel-Spring Company, Jersey City, N. J., and New York, N. Y., assignor, by mesne assignments, to Railway Steel-Spring Company, New York, N. Y. Metal pipe flanges, metal bands, and rings. 58,958; renewed Dec. 25, 1926.
Ray's Products Co. (See Clark, Raymond A.)
Red Star Milling Company, The, successor. (See Watson Mill Company.)
Refiners Oil Co., The, Dayton, Ohio. Periodical publication. 226,848; Apr. 19; Serial No. 241,543; published Feb. 8, 1927.
Reiss & Brady, assignor to Cresca Company Incorporated, New York, N. Y. Bakery products. 61,058; renewed Mar. 5, 1927.
Reiss & Brady, assignor to Cresca Company Incorporated, New York, N. Y. Cheese. 61,059; renewed Mar. 5, 1927.
Reiss & Brady, assignor to Cresca Company Incorporated, New York, N. Y. Sea foods. 62,252; renewed Apr. 30, 1927.
Reiss & Brady, assignor to Cresca Company Incorporated, New York, N. Y. Foods. 63,322; renewed June 11, 1927.
Remington Typewriter Company. (See Monarch Typewriter Company, The, assignor.)
Rich, M., & Bros. Co., Atlanta, Ga. Artificial-silk textiles, awnings, etc. 226,788; Apr. 19; Serial No. 216,361; published Feb. 8, 1927.
Richards, James E., Company, The, Dayton, Ohio. Mothproof and dustproof cloth containers for garments. 226,713; Apr. 19; Serial No. 240,878; published Feb. 8, 1927.
Richland Rubber Company, The, Mansfield, Ohio. Tires, casings, and inner tubes. 226,911; Apr. 19.
Ridley Watts & Co. (See Grunell Willis, & Co., assignor.)
Rinehart's, H. P., Sons, Inc., Philadelphia, Pa. Woolen and merino yarns. 226,933; Apr. 19.
Roanoke Mills Company, Roanoke Rapids, N. C. Cotton flannels. 226,676; Apr. 19; Serial No. 230,574; published Feb. 8, 1927.
Roanoke Mills Company, Roanoke Rapids, N. C. Cotton flannels. 226,677; Apr. 19; Serial No. 230,572; published Feb. 8, 1927.
Roanoke Mills Company, Roanoke Rapids, N. C. Woven cotton fabrics. 226,822; Apr. 19; Serial No. 231,345; published Feb. 8, 1927.
Robinson, Max W., doing business as New England Magnesia Co., Boston, Mass. Beverages sold as a soft drink. 226,904; Apr. 19.
Roderick Lean Company, The, Mansfield Ohio. Revolving tractor scrapers. 226,663; Apr. 19; Serial No. 237,126; published Feb. 8, 1927.
Rochester Rex Company, Inc., Rochester, N. Y. Fruit and vegetable sizing or grading machines and packing tables and hoppers. 226,811; Apr. 19; Serial No. 231,756; published Feb. 8, 1927.
Rosenfield Bros., Chicago, Ill. Whisky. 226,667; Apr. 19; Serial No. 240,735; published Feb. 8, 1927.
Rottmar, Benedikt, doing business as Be-Ro Laboratory, Brooklyn, N. Y. Remedy for reviving and promoting the better functioning of the organs and nerves, etc. 226,768; Apr. 19; Serial No. 241,960; published Feb. 8, 1927.
Saccharin-Fabrik Aktiengesellschaft vorm. Fahlberg, List & Co., Magdeburg-Sudost, Germany. Disinfectant. 226,664; Apr. 19; Serial No. 237,192; published Feb. 8, 1927.
Safeway Stores, Incorporated, Los Angeles, Calif. Jams, canned beets, pears, corn, etc. 226,854; Apr. 19; Serial No. 239,599; published Feb. 8, 1927.
Saginaw Timber Company, Aberdeen, Wash. Red-cedar shingles. 226,871; Apr. 19.
San-I-Sal Laboratories, Inc., Washington, D. C. Hand and skin lotion. 226,883; Apr. 19.

Sauter Bros., Galesburg, Ill. Radio receiving sets. 226,900; Apr. 19.
Schmidt, C., & Sons, Inc., Philadelphia, Pa. Malt beverage. 226,712; Apr. 19; Serial No. 214,566; published Aug. 19, 1926.
Scott and Fetzer Company, The, Cleveland, Ohio. Electrically-operated suction cleaners. 226,783; Apr. 19; Serial No. 223,340; published Feb. 1, 1927.
Seacoast Canning Company, Eastport, Me. Canned fish. 226,711; Apr. 19; Serial No. 219,769; published Feb. 8, 1927.
Sealtite Chemical Co., Grand Rapids, Mich. Adhesive powder for artificial dentures. 226,662; Apr. 19; Serial No. 237,120; published Feb. 8, 1927.
Sears, Roebuck and Co., Chicago, Ill. Vehicle tires and tubes of rubber, etc. 226,692–3; Apr. 19; Serial Nos. 240,883–4; published Feb. 8, 1927.
Seegull Manufacturing Co., Philadelphia, Pa. Textile underwear for men, women, and children. 226,874; Apr. 19.
Seismos G. m. b. H., Hanover, Germany. Apparatus for registering terrestrial vibrations, etc. 226,691; Apr. 19; Serial No. 240,885; published Feb. 8, 1927.
Selby, John A., doing business as The Malto-Hopo Company, Oakland, Calif. and Camden, N. J. Malt tonic beverages and sirups therefor. 226,729; Apr. 19; Serial No. 237,567; published Feb. 8, 1927.
Selmer, H. & A., Inc., New York, N. Y. Clarinets, oboes, English horns, bassoons, flutes, and piccolos. 226,873; Apr. 19.
Sherman, Sol, New York, N. Y. Neckties. 226,884; Apr. 19.
Shore, William E., doing business as Odor-Balm Laboratories, Collinsville, Okla. Preparation for the treatment of colds, catarrhal conditions, etc. 226,918; Apr. 19.
Shur-On Standard Optical Co., Inc., Geneva, N. Y. Optical lenses. 226,670; Apr. 19; Serial No. 242,026; published Feb. 8, 1927.
Skinner, Eugene, Omaha, Nebr. Magazine. 226,749; Apr. 19; Serial No. 241,795; published Feb. 8, 1927.
Smith-Frank Packing Company, Sacramento, Calif. Canned fruits and vegetables and dried fruits. 226,771; Apr. 19; Serial No. 241,907; published Feb. 8, 1927.
Smith, Robert, Corporation, The, Philadelphia, Pa. Nonalcoholic malt beverage. 226,766; Apr. 19; Serial No. 214,567; published Sept. 28, 1926.
Smoot Drug Co., The, to Hedquist Drug Co., Provo, Utah, successor. External remedy for croup. 63,424; renewed June 18, 1927.
Societe Parisienne d'Essences Rares et de Parfums, Paris, France. Perfumes. 226,765; Apr. 19; Serial No. 222,886; published Feb. 8, 1927.
Solberg, Arthur, doing business as Catskill Paint & Varnish Co., Chicago, Ill. Paints, varnishes, and paint enamels. 226,893; Apr. 19.
South Texas Grain Company, Houston, Tex. Specially-prepared corn. 226,815; Apr. 19; Serial No. 234,055; published Feb. 8, 1927.
Southern Dairies, Inc., Washington, D. C. Magazine. 226,669; Apr. 19; Serial No. 242,027; published Feb. 8, 1927.
Sperry Gyroscope Company, The, Brooklyn, N. Y. Navigational apparatus. 226,684; Apr. 19; Serial No. 226,310; published Feb. 8, 1927.
Sportocasin Co., The, Yarmouth, Me. Shoes. 226,695; Apr. 19; Serial No. 240,279; published Feb. 1, 1927.
Star Products Co. (See Wolk, Louis M.)
Stein-Block Co., The, Rochester, N. Y. Men's overcoats and sack coats. 226,791; Apr. 19; Serial No. 205,568; published Feb. 8, 1927.
Stern, Harry, doing business as H. Plunkett, Philadelphia, Pa. Perfumes, shampoo salve, hairdressing oil etc. 226,890; Apr. 19.
Stilwell, E. J., Paper Company, St. Paul, Minn. Wrapping, writing, and printing paper, pasteboard, and bristol board. 226,789; Apr. 19; Serial No. 208,932; published Feb. 8, 1927.
Strathmore Paper Company, Mittineague, Mass. Book and cover paper. 226,828; Apr. 19; Serial No. 239,831; published Feb. 8, 1927.
Sun-Maid Raisin Growers of California, Fresno, Calif. Baking powder. 226,774; Apr. 19; Serial No. 241,846; published Feb. 8, 1927.
Supplee-Biddle Hardware Company, Philadelphia, Pa. Bicycles. 226,784; Apr. 19; Serial No. 241,588; published Feb. 8, 1927.
Taylor-Long Company, Charlotte, N. C. Beverages and the sirup for making the same. 226,717; Apr. 19; Serial No. 239,436; published Feb. 8, 1927.
Tecla Pearls, Inc. (See Goldsoll, Frank J.)
Thonet Brothers, Inc., New York, N. Y. Furniture. 226,806–07; Apr. 19; Serial Nos. 235,438–9; published Feb. 8, 1927.
Thrower, Hiram E., Southern Pines, N. C. Lotion for poison oak and poison ivy. 226,870; Apr. 19; Serial No. 239,335; published Feb. 8, 1927.
Tonk Manufacturing Co., Chicago, Ill. Piano benches. 226,921; Apr. 19.
Tuttle, Jess L., Oakland, Calif. Cheese. 226,862; Apr. 19; Serial No. 238,238; published Feb. 8, 1927.
Umatilla Fruit Co., The, Umatilla, Fla. Fresh citrous fruits. 226,687; Apr. 19; Serial No. 237,479; published Feb. 8, 1927.
United Chicle Co., The, Toledo, Ohio. Chewing gum. 226,849; Apr. 19; Serial No. 236,969; published Feb. 8, 1927.
United Electric Company, The, Canton, Ohio. Electrically-operated vacuum cleaners. 226,877; Apr. 19.
Urban, Saul, Cincinnati, Ohio. Ladies' shoes. 226,661; Apr. 19; Serial No. 237,051; published Feb. 1, 1927.
Vacuum Oil Company, New York, N. Y. Gasoline. 226,707; Apr. 19; Serial No. 240,632; published Jan. 11, 1927.
Valldejuli, Manuel S., doing business as The Picot Company, Buffalo, N. Y. Preparation for the treatment of indigestion, constipation, etc.; laxative, diuretic, and eliminant preparations. 226,737; Apr. 19; Serial No. 236,667; published Dec. 14, 1926.
Vendex, Inc., New York, N. Y. Vending machines. 226,796; Apr. 19; Serial No. 242,031; published Feb. 8, 1927.
Venon, Jules H., New York, N. Y. Ornamental cut or molded glassware. 226,869; Apr. 19; Serial No. 239,278; published Feb. 8, 1927.
Viders, Joseph, doing business as J. Viders Co., New York, N. Y. Work shirts of wool and cotton. 226,866; Apr. 19; Serial No. 239,155; published Feb. 8, 1927.
Volk, Gustav, & Co., Aue-Schmalkalden, Germany, assignor to John Chatillon & Sons, New York, N. Y. Butcher's steel. 226,863; Apr. 19; Serial No. 238,467; published Feb. 8, 1927.
Vollrath Co., The, Sheboygan, Wis. Drawn-metal covered buckets, canisters, milk cans, garbage palls, etc. 226,764; Apr. 19; Serial No. 222,968; published Feb. 8, 1927.
Wagner & Wurtzel, Inc., Perth Amboy, N. J. Cheese. 226,922; Apr. 19.
Waite Carpet Co., Oshkosh, Wis. Fiber rugs. 226,801; Apr. 19; Serial No. 242,160; published Feb. 8, 1927.
Walter Motor Truck Company, Inc., Long Island City, N. Y. Motor trucks. 226,700; Apr. 19; Serial No. 240,514; published Jan. 25, 1927.
Wanamaker, John, New York, New York, N. Y. Combined library steps and stool. 226,833; Apr. 19; Serial No. 241,075; published Feb. 8, 1927.
Wardlow, S. & C., New York, N. Y., to M. E. Wardlow and A. Duncan Barber, joint executors, Sheffield, England, and Nutley, N. J. Steel. 61,316; renewed Mar. 12, 1927.
Watson Mill Company, to The Red Star Milling Company, Wichita, Kans., successor. Wheat flour. 62,566; renewed May 14, 1927.
Weiss Shoe Stores, Inc., Boston, Mass. Shoes. 226,856; Apr. 19; Serial No. 239,779; published Feb. 1, 1927.
Whaley Mill & Elevator Co., Gainesville, Tex. Wheat flour. 226,690; Apr. 19; Serial No. 240,894; published Feb. 8, 1927.
White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York and Brooklyn, N. Y.; Boston, Mass.; Atlanta, Ga.; and Berlin, Germany, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Dental and surgical burs. 30,360; renewed July 13, 1927.
Wiesenfeld, Joseph, doing business as "Little Joe" Wiesenfeld Company, Baltimore, Md. Saddle girths. 226,697; Apr. 19; Serial No. 240,379; published Feb. 8, 1927.
Williams, Charles E., Norwood, Ohio. After-shaving and face lotions and ointments. 226,736; Apr. 19; Serial No. 241,191; published Feb. 8, 1927.
Williams, J. B., Company, The, Glastonbury, Conn. Soap. 226,753; Apr. 19; Serial No. 241,759; published Feb. 8, 1927.
Wilmot Manufacturing Co. Ltd., Birmingham, England. Thermometers and temperature-indicating devices for use on motor cars. 226,879; Apr. 19.
Wolfson Publishing Company, St. Louis, Mo. Merchandising publication. 226,699; Apr. 19; Serial No. 240,468; published Feb. 8, 1927.
Wolk, Louis M., doing business as Star Products Co., Minneapolis, Minn. Furniture polish. 226,914; Apr. 19.
Woodward Soap Products Company, Duluth, Minn. Soap in paste form. 226,752; Apr. 19; Serial No. 241,761; published Feb. 8, 1927.
Woolson Spice Company, The, Toledo, Ohio. Coffee, tea, and spices. 226,925; Apr. 19.
Worcester Knitting Co., The, New York, N. Y., and Worcester, Mass. Woolen knitted and textile fabric in the piece. 226,773; Apr. 19; Serial No. 241,848; published Feb. 8, 1927.
Weaver-Jackson Company, doing business as Willard's Famous Formula Laboratory, Los Angeles, Calif. Cosmetics. 226,915; Apr. 19.
Willard's Famous Formula Laboratory. (See Weaver-Jackson Company.)
Wrenn Paper Company, The, Middletown, Ohio. Blotting paper. 226,850; Apr. 19; Serial No. 236,977; published Feb. 8, 1927.
Wynne, Arthur, doing business as Aird Products Co., Boonton, N. J. Relish made from selected fruits, and spices and marmalade. 226,730; Apr. 19; Serial No. 237,525; published Feb. 8, 1927
Zink, Edward A., doing business as The Co-Quin-Ol Company, New York, N. Y. Shampoo and corrective for dandruff. 226,861; Apr. 19; Serial No. 236,860; published Feb. 8, 1927.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Bevill, John H., Birmingham, Ala. J. H. Bevill's Corn and Eczema Lotion. For a Corn and Eczema Lotion. 31,957; Apr. 19.

Bombay Company, The, Philadelphia, Pa. Bombay Pale Dry. For Nonalcoholic Beverage. 31,958; Apr. 19.

Bye, Charles A., Lakewood, N. J. Galvanic Liniment. For Liniment. 31,959; Apr. 19.

Campano, Joseph D., doing business as Joseph D. Campano & Co., Berkley Heights, N. J. Clensi. For Compound for Cleaning Motors. 31,960; Apr. 19.

Clamp Nail Company, Chicago, Ill. Clamp Nails. For Devices for Fastening Joints. 31,961; Apr. 19.

Denend, Joseph F., doing business as Würzenburg Malt Extract Co., Chicago, Ill. Wurzenburg Malt Syrup. For Malt Sirup. 31,962; Apr. 19.

E. & L. Creamery, Janesville, Wis. E. & L. For Butter. 31,963; Apr. 19.

Feinberg, A. R., doing business as Red Seal Products Co., Not Inc., Chicago, Ill. Red Seal Brand Bohemian Style Pure Barley Malt Extract. For Malt Extract. 31,964; Apr. 19.

Fletcher, Stanley J., Tampa, Fla. The People's Choice Dixie Bread. For Bread. 31,965; Apr. 19.

Fry, Donald E., Belleville, Kans. Fry's Renu-o Watch Cleaning Solution. For Watch-Cleaning Solution. 31,966; Apr. 19.

Galeno Chemical Company, Inc., New York, N. Y. Analgesic Liniment. For Medical Preparation for the External Treatment of Rheumatism, Sciatica, and Pains in General. 31,967; Apr. 19.

Hirsh, William V., San Francisco, Calif. Avesan H. For Ampules Filled with a Combination of Formic Nucleinic Acids, Allyl Sulphide, and Camphor Employed in the Treatment of Diseases of the Respiratory Organs. 31,968; Apr. 19.

Home Demonstration Marketing Organization, Mercedes and McAllen, Tex. Valley Sunshine Products. For Grapefruit Marmalade. 31,969; Apr. 19.

International Standard Electric Corporation, New York, N. Y. Red Label Battery. For Dry Batteries. 31,970; Apr. 19.

International Standard Electric Corporation, New York, N. Y. Blue Label Battery. For Dry Batteries. 31,971; Apr. 19.

Jiffy Desserts, Inc., Los Angeles, Calif. Jiffy-Lou. For a Dessert. 31,972; Apr. 19.

Kelley-Connell Co., Berkeley, Calif. Clearflow. For Metal Valves. 31,973; Apr. 19.

Loma Rica Ranch, Grass Valley, Calif. L-R. For Fresh Deciduous Fruits. 31,974; Apr. 19.

Merrimac Candy Company, Boston, Mass. Merri Jelly Favors. For Candy. 31,975; Apr. 19.

Merrimac Candy Company, Boston, Mass. Merri Jellies. For Candy. 31,976; Apr. 19.

Meyer, Frank C., Company, Brooklyn, N. Y. Feltman and Curme. For Footwear. 31,977; Apr. 19.

National Importing Company. (See Tobias, Joseph.)

Peach, Mary E., Garfield, Wash. Ye Old Folk. For Healing Salve. 31,978; Apr. 19.

Peerless Confection Company, Chicago, Ill. To My Valentine. For Candy. 31,979; Apr. 19.

Pern, Hal Mfg. Co. Inc., Brooklyn, N. Y. Happy Bunny Easter Egg Transfers. For Easter-Egg Transfers. 31,980; Apr. 19.

Rahayel, Chas. A., doing business as Rahayel Freres, Brooklyn, N. Y. Rayahel's Mouth Wash. For Mouth Wash. 31,981; Apr. 19.

Red Seal Products Co. (See Feinberg, A. R.)

Reichardt Cocoa & Chocolate Co., Inc., New York, N. Y. Reichardt's Hellos Cocoa. For Cocoa. 31,982; Apr. 19.

Shefsick, S. J., Mount Pleasant, Pa. Safe and Sure. For Cough Sirup. 31,983; Apr. 19.

Silver King Products Corporation, New York, N. Y. Silver King Fizz. For Beverages. 31,984–5; Apr. 19.

Sturm & Scheinberg, New York, N. Y. Collegiate Garter. For Men's Garters. 31,986; Apr. 19.

Tobias, Joseph, doing business as National Importing Company, New York, N. Y. Tru Wear. For Hosiery. 31,987; Apr. 19.

Tracy, Charles, doing business as Tracy's Candy Shoppe, Rochester, N. Y. Crispy Nut Pop Corn. For Popcorn and a mixture of Nuts and Popcorn. 31,988; Apr. 19.

Universal Service Everywhere, Inc., Los Angeles, Calif. Bonded Gasoline. For Gasoline. 31,989; Apr. 19.

Universal Service Everywhere, Inc., Los Angeles, Calif. Bonded Motor Oils. For Motor Oils. 31,990; Apr. 19.

Universal Service Everywhere, Inc., Los Angeles, Calif. Bonded Greases. For Greases. 31,991; Apr. 19.

Wampole, Henry K., and Company, Incorporated, Philadelphia, Pa. Preparación Perfeccionada y Sin Sabor de Wampole. For Medicinal Preparations. 31,992; Apr. 19.

Werner, Hugo, New York, N. Y. World Fur Auction. For Furs. 31,993; Apr. 19.

Würzenburg Malt Extract Co. (See Denend, Joseph F.)

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

American Lead Pencil Company, New York, N. Y. Gomas Venus—Color Gris No. 554. For Lead-Pencil Erasers. 9,727; Apr. 19.

Black, Starr & Frost, New York, N. Y. For Gifts that Brides will Treasure. For Silverware. 9,728; Apr. 19.

Cream of Wheat Co., Minneapolis, Minn. Yes Your Baby's Growing up. For Wheat Breakfast Food. 9,729; Apr. 19.

Cream of Wheat Co., Minneapolis, Minn. Better School Grades in Kansas City with New Breakfast Plan. For Wheat Breakfast Food. 9,730; Apr. 19.

D & C Co. Inc., The, Wilmington, Del., and Brooklyn, N. Y. For Dessert My-T-Fine. For Dessert Preparations. 9,731–3; Apr. 19.

Durwyllan Company, Paterson, N. J. A Good Method for Applying Brake Lining. For Brake Linings. 9,734; Apr. 19.

Fritsch, Lewis A., Cincinnati, Ohio. Chestout. For Shoulder Brace. 9,735; Apr. 19.

Kay-Bee Chemical Company, Detroit, Mich. Silktufn. For a Chemical Compound for the Toughening of Silk Fabrics. 9,736; Apr. 19.

Piston Ring Company, Muskegon, Mich. The Ring with the Up Slanting Oil-Slot. For Piston Rings. 9,737; Apr. 19.

Rariden, George L., Bedford, Ind. Crystal Crest Super-Hi-Test Certified Gas. For Certain Grade of Gasoline. 9,738; Apr. 19.

Rossid Manufacturing Corporation, Orlando, Fla. Pocket Check Protector. For Check Protectors and Folders. 9,739; Apr. 19.

Simpson, A. A., San Antonio, Tex. Good Luck Groceries at Pay and Wag Prices. For Groceries. 9,740; Apr. 19.

Standard Oil Company (New Jersey), Bayonne, N. J. Insects Prey on Children. For Insecticide. 9,741; Apr. 19.

Standard Oil Company (New Jersey), Bayonne, N. J. Man's Natural Enemies. For Insecticide. 9,742; Apr. 19.

Standard Oil Company (New Jersey), Bayonne, N. J. Death that Strikes at Night! For Insecticide. 9,743; Apr. 19.

Standard Oil Company (New Jersey), Bayonne, N. J. Stop Thief! For Insecticide. 9,744; Apr. 19.

Standard Oil Company (New Jersey), Bayonne, N. J. Beware the Mosquito's Song! For Insecticide. 9,745; Apr. 19.

Standard Oil Company (New Jersey), Bayonne, N. J. Silverfish—The Hidden Thief. For Insecticide. 9,746; Apr. 19.

Standard Oil Company (New Jersey), Bayonne, N. J. Flies—A Menace to Man. For Insecticide. 9,747; Apr. 19.

Standard Oil Company (New Jersey), Bayonne, N. J. The Dance of Death. For Insecticide. 9,748; Apr. 19.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Accuralite Company, The, Muskegon, Mich. Pistons of aluminum-alloy composition. 239,731; Apr. 19.

Advance Neckwear Co., New York, N. Y. Bow ties. 243,678; Apr. 19.

Alexander, G. F., Co., The, Portland, Me. Preparation for the treatment of asthma, etc. 243,407; Apr. 19.

Alonso, Blanch, doing business as Supreme Corsets Co., New York, N. Y. Combination garments consisting of corsets, brassières, and sanitary belts. 236,152; Apr. 19.

Aluminum Goods Manufacturing Co., Manitowoc, Wis. Aluminum ware. 244,909; Apr. 19.

American Cellulose & Chemical Manufacturing Company, Ltd., The, New York, N. Y. Woven, knitted, netted, and textile fabrics in the piece. 243,838; Apr. 19.

American Jointless Flooring Co., Inc., St. Louis, Mo. Composition flooring. 244,125; Apr. 19.

American Range Corporation, Shakopee, Minn. Wood, coal, gas, oil, and vapor stoves and ranges. 245,182; Apr. 19.

American Register Company, Boston, Mass. Paper. 233,904; Apr. 19.

Backes', M., Sons, Inc., Wallingford, Conn. Pistol caps. 245,530; Apr. 19.

Baer, William D., Detroit, Mich. Garters. 245,185; Apr. 19.

Barbeez Laboratories. (See Hankow, Saul.)

Bass, Nathan, doing business as Pacific Kiddie Coat Company, New York, N. Y. Infants' and children's coats. 244,420; Apr. 19.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 244,041; Apr. 19.

Berger, Louis, doing business as Manhattan Manufacturing Co., New York, N. Y. Summer suits. 243,251; Apr. 19.

Bernard, Alphonse J. C., San Francisco, Calif. Electromagnetic therapeutical coils. 240,520; Apr. 19.

Betty Ann Candy Company, The, Sidney, Ohio. Candies. 239,842; Apr. 19.

Bezozi, Adolph A., New York, N. Y. Infants', boys', and girls' headwear. 241,079; Apr. 19.

Bialik, Paul, doing business as Marvel Adding Machine Co., St. Louis, Mo. Adding, calculating, multiplying, and computing machines. 244,129; Apr. 19.

Bliss, Alonzo O., Medical Company, The, Washington, D. C. Remedy for the treatment of the blood, kidneys, and liver. 245,466; Apr. 19.

Bliss, Alonzo O., Medical Company, The, Washington, D. C. Remedies for the teratment of the blood, kidneys, and liver. 245,468; Apr. 19.

Bond, Charles L., doing business as International Dundee Tailoring Co., New York, N. Y. Men's and young men's suits and overcoats. 244,740; Apr. 19.

Bonwit Teller & Co., New York, N. Y. Hosiery. 244,423; Apr. 19.

Bowey's, Inc., Chicago, Ill. A nonalcoholic maltless chocolate sirup used in the preparation of soft drinks. 237,775; Apr. 19.

Brouillet, Georges A., Brookline, Mass. Dentifrice. 245,390; Apr. 19.

Brown Shoe Company, Inc., St. Louis, Mo. Shoes. 241,808; Apr. 19.

Brownson, R., & Company, Hastings, Minn. Paper shopping bags. 243,845; Apr. 19.

Burdg Brothers, Decatur, Ind. Ointments. 244,283; Apr. 19.

Burke, Una L., doing business as No-No Products Company, Oakland, Calif. Deodorant toilet powder. 243,995; Apr. 19.

Bush, Charles W., doing business as C. W. Bush Company, Hammond, Ind. Butter. 245,469; Apr. 19.

Cadmium Process Company, Indianapolis, Ind. Salts for use in cadmium plating. 243,925; Apr. 19.

Carroon & Co., Fowler, Ind. Canned vegetables. 244,656–58; Apr. 19.

Carter, H. W., & Sons, Lebanon, N. H. Denim coats. 244,660; Apr. 19.

Casin, J., & Co., Inc., New York, N. Y. Hosiery. 242,412; Apr. 19.

Caspary, John, Glenham, N. Y. Cheese. 244,391; Apr. 19.

Chicago Bridge & Iron Works, The, Chicago, Ill. Periodicals. 231,903; Apr. 19.

Chicago Mail Order Company, Chicago, Ill. Dresses. 243,586; Apr. 19.

Chinese Canning Company. (See Lam, Tso.)

Chlor-Vis Chemical Co. (See Russell, Samuel J.)

Clark, Clarence H., doing business as Zudent Chemical Company, San Francisco, Calif. Compound in powder form for use as an antiseptic. 243,847; Apr. 19.

Clyde Kraut Company, The, Clyde, Ohio. Sauerkraut. 244,427; Apr. 19.

Coal Hill Mining Company, Inc., Dubois, Pa. Coal. 244,428; Apr. 19.

Coca-Cola Company, The, Atlanta, Ga. Beverages and sirups for manufacture of such. 242,569; Apr. 19.

Coles Company, The, Middletown, Conn. Stock and poultry feeds. 228,976; Apr. 19.

Coles Company, The, Middletown, Conn. Stock and poultry feeds. 229,541; Apr. 19.

Collins, Justus, Charleston, W. Va. Garters. 243,848; Apr. 19.

Colman, Louis, West Hampstead, London, England. Stockings and socks. 244,915; Apr. 19.

Coney, David M., San Francisco, Calif. Preparation for the treatment of postoperative pain after tooth extraction. 242,570; Apr. 19.

Continental Trunk & Bag Co., El Paso, Tex. Trunks, auto trunks, brief cases, hatboxes, suitcases, hand bags, kit bags, etc. 239,845; Apr. 19.

Corn Products Refining Company, New York, N. Y. Candy. 244,289; Apr. 19.

Cotter, R. E., Company, San Francisco, Calif. Canned fish. 236,911; Apr. 19.

Coviello, Domenico A., doing business as Coviello Chemical Co., Wilmington, Del. Salve. 237,726; Apr. 19.

Crocket, James B., New York, N. Y. Rubber latex. 244,430; Apr. 19.

Crowley, Daniel L., doing business as Crowley Tar Products Company, New York, N. Y. Creosote wood preservative. 244,671; Apr. 19.

Cunningham, Guy L., Los Angeles, Calif. Automobile oil pumps, battery connecter drills, and automobile band adjusters. 237,494; Apr. 19.

Curlee Clothing Company, St. Louis, Mo. Coats, vests, trousers, etc. 242,779; Apr. 19.

Curran & Joyce Co., Inc., Lawrence, Mass. Ginger ale. 245,477; Apr. 19.

Densten Felt and Hair Company, Inc., Philadelphia, Pa. Floor coverings including hair rug cushions, hair carpet lining, and hair stair pads. 243,930; Apr. 19.

Dexter-Carpenter Coal Company, Incorporated, New York, N. Y. Coal. 244,059–61; Apr. 19.

Diamond Coffee Mills, Inc., Shreveport, La. Coffee. 242,046; Apr. 19.

Diamond Oil & Paint Co., Scranton, Pa. Paints, varnishes, enamels, etc. 243,691; Apr. 19.

Dickinson, Laurel A., Detroit, Mich. Salad dressing. 244,141; Apr. 19.

Dillon Export & Commission Co., Inc., High Point, N. C. Hosiery. 243,144; Apr. 19.

Dirigold Corporation, The, Minneapolis, Minn. Gravy ladles, tea strainers, napkin rings, plates, bowls, etc. 226,641; Apr. 19.

Doré & Fils, Fontaine-les-Gres, France. Hosiery, underwear, gloves, hats, etc. 241,608; Apr. 19.

Drewrys Limited, The, Winnipeg, Manitoba, Canada. Beverages. 238,643; Apr. 19.

Duplan Silk Corporation, New York, N. Y. Textile fabrics. 244,433; Apr. 19.

Du Pont Viscoloid Company, New York, N. Y. Brushes. 244,820; Apr. 19.

Earley, G. F., & Son, doing business as Lander Mills, Lander, Wyo. Breakfast food, self-rising pancake flour, whole-wheat flour, etc. 245,343; Apr. 19.

Ehlenberger, George, & Company, Inc., New York, N. Y. and Miami, Fla. Eggs. 244,004; Apr. 19.

Elco Paints Products, Inc., New York, N. Y. Varnishes. 238,258; Apr. 19.

Electric Production Appliance Corp., New York, N. Y. Control apparatus for adjacent and remote automatic production machinery, etc. 237,227; Apr. 19.

Elson and Elson, Chicago, Ill. Polish for automobiles, furniture, etc. 242,527; Apr. 19.

Elysee Delivery de Luxe Corporation, New York, N. Y. Automobiles and constructive parts thereof. 238,311; Apr. 19.

Enrich, Henry A., doing business as Henry A. Enrich & Co., New York, N. Y. Ribbon novelties. 243,801; Apr. 19.

Eu-Must-Rub Laboratory. (See Rutherford, W. E.)

Excelsior Cycle Company, Chicago, Ill., and Michigan City, Ind. Bicycles. 208,847; Apr. 19.

Ez-A-Burn Co. (See Hendricks, Carl T.)

Fagan, D., & Sons, New York, N. Y. Hats. 243,044–5; Apr. 19.

Farley, C. J., & Co., Grand Rapids, Mich. Ladies' textile vests, nightgowns, chemises, petticoats, bloomers, etc. 236,922; Apr. 19.

Farrel Foundry & Machine Company, Ansonia, Conn., and Buffalo, N. Y. Sugar-mill imbibition devices. 245,393; Apr. 19.

Feldman Bros., Inc., New York, N. Y. Ladies' hats. 245,087; Apr. 19.

Finchley, Inc., New York, N. Y. Hats and caps. 243,696; Apr. 19.

Flannery, John J., New York, N. Y. Asphalt. 226,643; Apr. 19.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Fletcher-Wilson Coffee Co., Nashville, Tenn. Coffee. 245,262; Apr. 19.
Flexement Corp., Muskegon, Mich. Adhesive cement. 245,540–1; Apr. 19.
Florsheim Shoe Company, The, Chicago, Ill. Shoes. 241,568; Apr. 19.
Fohrman, Charles A., Wilkes-Barre, Pa. Medicine. 244,611; Apr. 19.
Ford, J. B., Company, The, Wyandotte, Mich. Soda ash, etc. 225,405; Apr. 19.
Friedman Bros. & Sons Neckwear Co., Inc., New York, N. Y. Ties, cravats, four-in-hand ties, and bow ties. 244,768; Apr. 19.
Fruhauf & Musyl, Inc., New York, N. Y. Hats. 243,262; Apr. 19.
Gantt Manufacturing Company, Macon, Ga. Cotton planters, guano distributors, etc. 235,643; Apr. 19.
Glendale Shopping News, Glendale, Calif. Newspaper. 243,358; Apr. 19.
Goodman, Zelda, doing business as J. Goodman, St. Louis, Mo. Cigars. 245,628; Apr. 19.
Grassphalte Hard Courts Limited, London, England. Preparation in the nature of a paint. 242,429; Apr. 19.
Greenhill & Daniel, Brooklyn, N. Y. Sport coats. 244,072; Apr. 19.
Greever-Lotspeich Mfg. Co., Knoxville, Tenn. Food-flavoring extracts. 244,153; Apr. 19.
Haartz, J. C., Company, New Haven, Conn. Raincoats. 243,603; Apr. 19.
Hagen-Becker Company, St. Paul, Duluth, and Minneapolis, Minn. Extracts and flavors. 244,558; Apr. 19.
Hahn, Arthur W., New York, N. Y. Complexion brushes, hairbrushes, babies' hairbrushes, etc. 245,395; Apr. 19.
Hall, Gardiner, Jr. Company, The, South Willington, Conn., and New York, N. Y. Thread. 245,001–2; Apr. 19.
Hall, Gardiner, Jr. Company, The, South Willington, Conn., and New York, N. Y. Thread. 245,005; Apr. 19.
Hankow, Saul, doing business as Barbeez Laboratories, Baltimore, Md. Preparation to be used as a beard softener. 243,540; Apr. 19.
Hanover Wire Cloth Co., Hanover, Pa. Wire cloth for screens. 244,930–32; Apr. 19.
Hart Company, The, Los Angeles, Calif. Men's clothing. 241,100; Apr. 19.
Haytock-Cronemeyer Co., Easton, Pa. Silk piece goods. 245,640; Apr. 19.
Heller, Ferle, Inc., New York, N. Y. Ladies' and misses' hats. 244,610; Apr. 19.
Hendricks, Carl T., doing business as Ez-A-Burn Co., Hot Springs National Park, Ark. Preparation for the treatment of burns, scalds, etc. 244,302; Apr. 19.
Hendry, James, Limited, Bridgeton, Glasgow, Scotland. Machinery-driving belts. 244,870; Apr. 19.
Hood, Bobby, Co. Inc., New York, N. Y. Ladies' hats. 240,239; Apr. 19.
Howe, Philip L., Wilson, Tex. Germicidal solution. 244,559; Apr. 19.
Howell Company, Inc., The, New Orleans, La. Petroleum jelly, insecticide, olive oil, castor oil, antiseptic, etc. 243,213; Apr. 19.
Hoyland Flour Mills Company, Kansas City, Mo. Cereal breakfast food. 242,231; Apr. 19.
Hudnut, Richard, New York, N. Y. Lip stick. 245,348; Apr. 19.
I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-Main and Ludwigshafen-on-Rhine, Germany. Fertilizers. 241,657–9; Apr. 19.
Indestro Mfg. Co., Chicago, Ill. Nut-wrench sets, socket-wrench sets, etc. 228,653; Apr. 19.
International Dundee Tailoring Co. (See Bond, Charles L.)
International Milling Company, Minneapolis, Minn. Wheat flour. 245,559; Apr. 19.
Jandt, Chas. H., Packing Co. Los Angeles, Calif. Vegetables, cantaloupes, and deciduous fruits. 238,908; Apr. 19.
Jennison, Elmer E., Medford, Oreg. Powder for rendering explosive oils nonexplosive. 239,753; Apr. 19.
Jones, Emmet A., Atlanta, Ga. Overcoats. 227,521; Apr. 19.
Jones, William C., Farmingdale, N. Y. Sealing compounds, etc. 244,403; Apr. 19.
Jünger & Gebhardt Akt.-Ges., Berlin, Germany. Soap. 242,133; Apr. 19.
Kavata Brothers, Philadelphia, Pa. Negligees. 226,774; Apr. 19.
Kent-Costikyan Trading Company, Inc., New York, N. Y. Textile rugs. 245,724; Apr. 19.
Kilsoot Chemical Co., Portland, Me. Soot cleaner for pipes, boilers, chimneys, and the like. 243,814; Apr. 19.
King, Robert C., & Co., New York, N. Y. Men's athletic underwear. 244,615; Apr. 19.
Kleinman, J., Sons & Friedlander Inc., New York, N. Y. Suits, coats, trousers, etc. 243,707; Apr. 19.
Knight & Thomas, Inc., Boston, Mass. Fire extinguishing apparatus. 244,450; Apr. 19.
Kraft, Milton J., Springfield, Ohio. Beverages sold as soft drinks and sirups for making the same. 245,500; Apr. 19.
Kupferman, L., & Co., New York, N. Y. Men's and boys' suits. 240,267; Apr. 19.
Lam, Tso, doing business as Chinese Canning Company, Chicago, Ill. Tow foo, a chinese bean custard; canned bean sprouts, soups, etc. 242,198; Apr. 19.
Lander Mills. (See Earley, G. F., & Son.)
Lanson Pere & Fils (Societe a Responsabilite Limitee), Rheims, France. Champagne wines. 245,732; Apr. 19.
Lathrop, H. R., & Co. Inc., Augusta, Me., and New York, N. Y. Laxative. 245,402; Apr. 19.
Linocrusta-Walton Company, Hackensack, N. J. Wall covering comprising plastic coated paper in sheet form. 243,381; Apr. 19.
Lord & Taylor, New York, N. Y. Hosiery, shawls, ruffs, collars, etc. 238,268–9; Apr. 19.
Lourny Company, The, Grand Rapids, Mich. Toilet preparations. 243,613; Apr. 19.
Lubetich, Pete, Seattle, Wash. Fish bait. 244,018; Apr. 19.
Mackie Pine Oil Specialty Co., Inc., Covington, La. Insect destroyer. 215,077; Apr. 19.
Madelon Modes, Inc. (See Shirley Modes, Inc.)
Madison Malt Extract Company, Madison, Wis. Malt sirup. 244,618; Apr. 19.
Magee, Robert J., Chicago, Ill. Washing Powder and soap powder. 243,866; Apr. 19.
Magill-Weinsheimer Company, Chicago, Ill. Envelopes. 244,876–7; Apr. 19.
Maison Jenny, Société Anonyme, Paris, France. Women's tailor-made suits, dresses, mantles, etc. 234,718; Apr. 19.
Mallto Bros. Inc., New York, N. Y. Coats, suits, and dresses. 243,867; Apr. 19.
Manhattan Manufacturing Co. (See Berger, Louis.)
Martins-Birmingham Limited, Birmingham, England. Waist belts, suspenders, garters, and braces. 237,180; Apr. 19.
Marvel Adding Machine Co. (See Bialik, Paul.)
Mavis Corporation, Baltimore, Md. Beverage and sirups for making the same. 244,360; Apr. 19.
McElroy, Will T., doing business as W. T. McElroy Co., Ottumwa, Iowa. Corn flakes. 243,317; Apr. 19.
McGuire, Hubert W., doing business as San Diego Shopping News Co., San Diego, Calif. Newspaper. 243,384; Apr. 19.
Merit Hardware Manufacturing Co., Chicago, Ill. Caskets. 241,739; Apr. 19.
Messina, Joseph, Brooklyn, N. Y. Hairdressing. 229,399; Apr. 19.
Mid-States Gummed Paper Company, Chicago, Ill. Textile fabric tape. 245,741–2; Apr. 19.
Minerola Remedy Company, The. (See Skillman, Small K.)
Mitchell Hosiery Mills, Columbus, Ohio. Hosiery. 244,945; Apr. 19.
Montauk Bed Co. Inc., Brooklyn, N. Y. Beds, cots, couches, and cribs. 234,789; Apr. 19.
Moore, Mary E., Boston, Mass. Hair grower, tetter salve, cold cream, etc. 235,967; Apr. 19.
Morgan Company, The, Peoria, Ill. Varnishes. 245,156; Apr. 19.
Morris, E., Mfg. Co., Detroit, Mich. Antiseptic balm and oil and shampoo preparation. 244,461; Apr. 19.
Mueller Co., Decatur, Ill. Soldering nipples. 244,565; Apr. 19.
Mulford, H. K., Company, Philadelphia, Pa. Antitoxins and serums. 241,784; Apr. 19.
Murine Company, Inc., The, Chicago, Ill. Eye remedies and eye salve. 242,959; Apr. 19.
Murphy Door Bed Company of Chicago, Chicago, Ill. Wall safe. 229,808; Apr. 19.
National Malleable and Steel Castings Company, Cleveland, Ohio. Couplers. 245,285; Apr. 19.
National Metal Edge Box Company, Philadelphia, Pa. Folding boxes. 237,684; Apr. 19.
National Sawdust Co., Inc., Brooklyn, N. Y. Sawdust and shavings. 240,432; Apr. 19.
Natural Dry Ginger Ale Corp., Rochester, N. Y. Ginger ale. 240,434; Apr. 19.
New York Evening Post Inc., New York, N. Y. Title for cartoons. 243,822; Apr. 19.
Noe Equi Textile Mills, Inc., Reading, Pa. Underwear. 238,892; Apr. 19.
Noe Equi Textile Mills, Inc., Reading, Pa. Hosiery. 238,009; Apr. 19.
No-No Products Company. (See Burke, Una L.)
Norfolk Cereal and Flour Mills Company, Norfolk, Va. Wheat flour, shorts, bran, etc., and poultry foods. 228,259; Apr. 19.
Nowy Swiat Publishing Company Inc., New York, N. Y. Newspaper. 243,166; Apr. 19.
Oberman, D. M., Mfg. Co., Jefferson, Mo., and New York, N. Y. Shirts, lumberjack shirts, pants, etc. 231,750; Apr. 19.
Odell Company, Inc., The, Newark, N. J. Hair tonic, hairdressing, and eau de quinine. 242,495; Apr. 19.
Old Time Mince Meat Corporation, Syracuse, N. Y. Mincemeat. 241,295; Apr. 19.
Oneidacraft, Inc., Oneida, N. Y. Furniture. 238,133; Apr. 19.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Pacific Kiddie Coat Company. (See Bass, Nathan.)
Pacific Northwest Canning Company, Puyallup, Wash. Jams, jellies, fruit butters, canned fruits and vegetables. 240,088; Apr. 19.
Parfumiere Paulette. (See Youngs Rubber Corporation, Inc.)
Parfymeri F. Pauli A/B, Stockholm, Sweden. Antiseptic toilet preparations. 239,315; Apr. 19.
Pasloff Bros. Inc., New York, N. Y. Hats. 208,419; Apr. 19.
Payson Varnish Co., The, New York, N. Y. Paints, varnishes, enamels, etc. 244,412; Apr. 19.
Peacock Ale Co., Chicago, Ill. Ginger ale, carbonated water, and root beer. 234,731; Apr. 19.
Pennington, F. C., Produce Company, Greenville and Sulphur Springs, Tex. Dressed fowls, eggs, and cans of frozen eggs. 244,104; Apr. 19.
Petoskey Portland Cement Co., Petoskey, Mich. Cement. 243,775; Apr. 19.
Pierce, S. S., Co., Boston, Mass. Perfumes, toilet waters, face powder, talcum powder, etc. 245,580; Apr. 19.
Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. 245,223; Apr. 19.
Pitcairn Aircraft, Inc., Philadelphia, Pa. Airplanes. 244,883–84; Apr. 19.
Presto Bow Tie Company. (See Ruben, Charles.)
Proffatt & Marans, Atlantic City, N. J. Embossed-printing machines. 245,224; Apr. 19.
Purvis, Edward R., Shreveport, La. Polish for automobiles, furniture, etc. 203,387; Apr. 19.
Radwaner, I. L., Seed Co., Inc., New York, N. Y. Seeds. 244,470; Apr. 19.
Rangos, Charles G., doing business as The Spearmint Tobacco Co., Wellsburg, W. Va. Chewing and smoking tobacco. 245,583; Apr. 19.
Republic Metalware Co., The, Buffalo, N. Y. Oil cans, creamery pails, milk pails, boxes, cans, baskets, etc. 239,427; Apr. 19.
Republic Metalware Co., The, Buffalo, N. Y. Display racks, foot baths, dish pans, sink strainers, ash-can covers, etc. 239,428; Apr. 19.
Rex-Zit Products Company, Charleston, W. Va. Medicinal preparation. 243,016; Apr. 19.
Rheinische Metallwaaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Typewriting machines and parts thereof. 241,498; Apr. 19.
Royal Candy Company, The, Alliance, Ohio. Candy. 245,453; Apr. 19.
Ruben, Charles, doing business as Presto Bow Tie Company, Pittsburgh, Pa. Neckties. 245,371; Apr. 19.
Rubin Blouse & Dress Company, New York, N. Y. Blouses and dresses. 240,458; Apr. 19.
Rubyette Co., The, San Francisco, Calif. Preserved and canned raisins and grapes. 245,373; Apr. 19.
Russell, Samuel J., doing business as Chlor-Vis Chemical Co., Chicago, Ill. Germicidal preparation. 243,636; Apr. 19.
Rutherford, W. E., doing business as Eu-Must-Rub Laboratory, Santa Rosa, Calif. Ointment. 242,353; Apr. 19.
Salomon, Charles, & Co. Inc., New York, N. Y. Dresses. 241,500; Apr. 19.
Samter, L., & Sons, San Francisco, Calif. Ties and cravats. 243,562; Apr. 19.
San Antonio Coffee Co., San Antonio, Tex. Coffee. 244,722; Apr. 19.
San Diego Shopping News Co. (See McGuire, Hubert W.)
Scarlett, William G., doing business as Wm. G. Scarlett & Co., Baltimore, Md. Lawn and grass seed. 242,551; Apr. 19.
Schoeneman, J., Incorporated, Baltimore, Md. Coats, vests, trousers, etc. 243,977; Apr. 19.
Schultz, Edith, Chicago, Ill. Face powders, face creams, toilet waters, rouges, etc. 212,154; Apr. 19.
Scott & Bowne, Bloomfield, N. J. Antiseptic, germicide, disinfectant, and prophylactic. 245,519; Apr. 19.
Sherr Bros., New York, N. Y. Dresses. 243,890; Apr. 19.
Shipley & Vaux Shoe Mfg. Co., Philadelphia, Pa. Shoes. 243,066; Apr. 19.
Shirley Modes, Inc., now, by change of name, Madelon Modes, Inc., New York, N. Y. Dresses, blouses, scarfs, sweaters, etc. 199,092; Apr. 19.
Shoe Form Co., Inc., The, Auburn, N. Y. Shoe forms. 240,220; Apr. 19.
Shreve & Adams, Inc., New York, N. Y. Hosiery. 244,725; Apr. 19.
Skillman, Small K., doing business as The Minerola Remedy Company Owensboro, Ky. Remedy for dog distemper. 244,245; Apr. 19.
Slater, F. Brookfield, Washington, D. C. Tooth powders. 244,516; Apr. 19.
Smith, E. T., Company, Worcester, Mass. Canned goods 243,831; Apr. 19.
Snider, Ralph W., doing business as Snider Drug Co., Peoria, Ill. Skin lotion. 243,237; Apr. 19.
Southern Fruit Distributors, Inc., Orlando, Fla. Fresh citrous fruits and fresh vegetables. 245,587; Apr. 19.
Spearmint Tobacco Co., The. (See Rangos, Charles G.)
Speas Manufacturing Company, Kansas City, Mo. Pectin, acidified sugar mixture for use in quick jelly making processes. 244,190; Apr. 19.
Spitzer, Rudolph, doing business as Rudolph Spitzer Co., New York, N. Y. Serges in the piece. 203,760; Apr. 19.
Sproat, Benjamin F., doing business as Sproat's Drug Store, Chillicothe, Ohio. Cough mixture. 241,247; Apr. 19.
Standard Corset Company The, New York, N. Y. Combination garments for ladies, underwear, corselets, etc. 226,571; Apr. 19.
Stanko, Januarius R., doing business as J. R. Stanko and Co., Detroit, Mich. Furniture polish in liquid form. 244,372; Apr. 19.
Stein-Bloch Co., The, Rochester, N. Y. Coats and overcoats. 230,774; Apr. 19.
Stevens, Chas. A., & Bros., Chicago, Ill. Toilet preparations. 229,476; Apr. 19.
Stifel, J. L., & Sons, Wheeling, W. Va. Cotton piece goods. 245,593; Apr. 19.
Street & Kent Mfg. Company, Chicago, Ill. Shampooing fixtures, valves, cocks, etc. 241,642; Apr. 19.
Sullivan, Charles A., San Francisco, Calif. Liquid polish for pianos, furniture, and automobiles. 243,832; Apr. 19.
Sullivan Smythfield Company, Philadelphia, Pa. Handkerchiefs. 245,813; Apr. 19.
Supreme Corset Co. (See Alonso, Blanch.)
Tait Paper and Color Industries, Inc., The, Glens Falls, N. Y. Wall paper. 243,398; Apr. 19.
Tax Digest, Inc., Boston, Mass. Blank forms. 239,605; Apr. 19.
Taylor, Arthur C., doing business as Taylor Products Company, Detroit, Mich. Malt sirup for food purposes. 237,295–6; Apr. 19.
Texas Gum Company, Temple, Tex. Medicinal chewing gum. 244,634–5; Apr. 19.
Thomson, Agatha P., St. Louis, Mo. Insecticide, liquid, and powder. 244,730; Apr. 19.
Todd, E. M., Co., Richmond, Va. Bacon. 216,238; Apr. 19.
Topilow, H. L., & Co., New York, N. Y. Hats and caps. 243,329; Apr. 19.
Udylite Process Company, Kokomo, Ind. Material for cadmium plating, etc. 231,416; Apr. 19.
Uhlfelder, Leo, Co., New York, N. Y. Liquid colors for hand painting on textile fabrics. 244,194; Apr. 19.
Universal Portland Cement Co., Chicago, Ill. Portland cement. 237,934; Apr. 19.
Valhalla Company, The, Chicago, Ill. Machine used in the manufacture of sodium-hypochloride solution. 245,461; Apr. 19.
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Medicinal preparation. 240,634; Apr. 19.
Verstynen, Petronilla M., Rockford, Ill. Salve for burns, boils, carbuncles, felons, etc. 244,896; Apr. 19.
Viscose Company, The, Marcus Hook, Pa. Rayon yarn. 245,462; Apr. 19.
Von Wülfing, Johann A., Berlin, Germany. Water-soluble preparations containing cell-building protein substances. 245,171; Apr. 19.
W. H. S. Laboratories, Seattle, Wash. Specific for parasites infesting the human hair. 243,330; Apr. 19.
Waite Carpet Co., Oshkosh, Wis. Wool rugs. 242,159; Apr. 19.
Wallace, William M., Chicago, Ill. Shirts. 243,569; Apr. 19.
Ward, Samuel, Manufacturing Company, Boston, Mass. Diaries. 244,721; Apr. 19.
Washburn Crosby Company, Minneapolis, Minn. Wheat flour. 245,384; Apr. 19.
Weingarten Bros., New York, N. Y. Women's fitted undergarments. 245,173; Apr. 19.
Welthorn Oil Burner Company, Des Moines, Iowa. Oil burners and parts thereof. 244,642; Apr. 19.
Westchester Bottling Works, New Rochelle, N. Y. Beverages sold as soft drinks. 245,125; Apr. 19.
Whitney Reed Corporation, Leominster, Mass. Shoofles, hobbyhorses, and toy rockers. 244,338; Apr. 19.
Wilcox-Hayes Company, The, Portland, Oreg. Canned fruits, crab meats, salmon, canned beans, etc. 224,200; Apr. 19.
Williams, Percy B. T., Philadelphia, Pa. Toothbrushes. 245,388; Apr. 19.
Willis, N. E., doing business as N. E. Willis & Son, Gearhart, Oreg. Canned razor clams. 244,525; Apr. 19.
Wittbold, Otto, Nursery, Chicago, Ill. Fertilizng materials. 245,238; Apr. 19.
Wright Aeronautical Corporation, Paterson, N. J. Aeronautical engines. 242,763; Apr. 19.
Wright, William E., and Sons Company, Orange, N. J. Bias-fold tapes and trimmings of fabric. 244,907; Apr. 19.
Youngs Rubber Corporation, Inc., New York, N. Y. Medicinal preparations. 234,606; Apr. 19.
Youngs Rubber Corporation, Inc., doing business as Parfumere Paulette, New York, N. Y. Medicinal preparations. 234,604; Apr. 19.
Zimmerman, Charles, doing business as Charles Zimmerman Co., New York, N. Y. Floor coverings. 225,214; Apr. 19.
Zuckerman Brothers, Stockton, Calif. Potatoes. 236,979; Apr. 19.
Zudent Chemical Company. (See Clark, Clarence H.)

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 2.

Bank supplies. Continental Bank-Supply Company. 226,876; Apr. 19.
Buckets, canisters, milk cans, etc., Drawn-metal covered. Vollrath Co. 226,764; Apr. 19; Serial No. 222,968; published Feb. 8. 1927.
Cans, Rubbish, trash, etc. Economy Baler Company. 226,724; Apr. 19; Serial No. 238,956; published Feb. 8, 1927.
Containers for garments, Mothproof and dustproof cloth. James E. Richards Company. 226,713; Apr. 19; Serial No. 240,878; published Feb. 8, 1927.
Plates, basins, bowls, etc., Pie. Dwyer Paper Products Company. 226,910; Apr. 19.
Strainers and receptacles. Ohio Metal Utensil Company. 226,907; Apr. 19.

CLASS 3.

Luggage. Cutino Company. 226,762; Apr. 19; Serial No. 231,311; published Feb. 8, 1927.
Saddle girths. J. Wiesenfeld. 226,697; Apr. 19; Serial No. 240,379; published Feb. 8, 1927.

CLASS 4.

Polishes, Metal. I-Sis Laboratories, Inc. 226,756; Apr. 19; Serial No. 241,623; published Feb. 8, 1927.
Soap. J. B. Williams Company. 226,753; Apr. 19; Serial No. 241,759; published Feb. 8, 1927.
Soap. Woodard Soap Products Company. 226,752; Apr. 19; Serial No. 241,761; published Feb. 8, 1927.
Soap, Liquid. Perkins Soap Company. 226,800; Apr. 19; Serial No. 242,139; published Feb. 8, 1927.
Soaps. Gold Dust Corporation. 226,868; Apr. 19; Serial No. 239,171; published Feb. 8, 1927.
Washing powder. Loverin & Browne Company. 64,016; renewed July 16, 1927.

CLASS 5.

Glues, cements, and glue cement. L. W. Ferdinand & Co. 226,743; Apr. 19; Serial No. 235,885; published Feb. 8, 1927.
Paste flour. Falk American Potato Flour Corporation. 226,714; Apr. 19; Serial No. 240,177; published Feb. 8, 1927.

CLASS 6.

Antifreezing solution. Lyon-Moody Company. 226,738; Apr. 19; Serial No. 236,138; published Feb. 8, 1927.
Antiseptics, including food preservative preparations. Pacific Borax and Redwood's Chemical Works, Limited. 29,785; renewed Apr. 6, 1927.
Baking powder. Sun-Maid Raisin Growers of California. 226,774; Apr. 19; Serial No. 241,846; published Feb. 8, 1927.
Capsules and liquid preparation for dogs. Polk Miller Products Corporation. 226,819; Apr. 19; Serial No. 230,839; published July 13, 1926.
Carbon black. Eastern Carbon Black Company. 226,865; Apr. 19; Serial No. 238,826; published Feb. 8, 1927.
Chemical compound for cleaning steam boilers. W. H. & L. D. Betz. 226,779; Apr. 19; Serial No. 241,690; published Feb. 8, 1927.
Compounds, Boiler. Pyro Corrosanti Co. Inc. 226,795; Apr. 19; Serial No. 238,072; published Feb. 8, 1927.
Cosmetics. Weaver-Jackson Company. 226,915; Apr. 19.
Cream, Cold. Daggett & Ramsdell. 226,755; Apr. 19; Serial No. 241,698; published Feb. 8, 1927.
Disinfectant. Saccharin-Fabrik Aktiengesellschaft vorm. Fahlberg, List & Co. 226,664; Apr. 19; Serial No. 237,192; published Feb. 8, 1927.
Dyestuffs, Coal tar. Actien-Gesellschaft für Anilin-Fabrikation. 62,707–8; renewed May 21, 1927.
Formula for leucorrhea. Myerin Products Co. 226,832; Apr. 19; Serial No. 241,113; published Feb. 8, 1927.
Herbs for medicinal purposes, Powdered. Alonzo O. Bliss Co. 29,894; renewed Apr. 20, 1927.
Herbs, Powdered. Alonzo O. Bliss Co. 30,403; renewed July 20, 1927.
Hydrogen, oxygen, and acetylene gases. Acme Oxygen Company. 226,839; Apr. 19; Serial No. 241,366; published Feb. 8, 1927.
Lotion. San-I-Sal Laboratories, Inc. 226,883; Apr. 19.
Lotion and talc, Shaving. Klinker Manufacturing Co. 226,903; Apr. 19.
Lotion for poison oak and poison ivy. H. E. Thrower. 226,870; Apr. 19; Serial No. 239,335; published Feb. 8, 1927.
Medicinal chemicals. Firm of E. Merck. 29,995; renewed May 11, 1927.
Medicinal chemicals acting as internal and external astringent disinfectants. Firm of E. Merck. 30,078; renewed May 25, 1927.
Medicinal compound. Oxy Vaporol Co. 226,715; Apr. 19; Serial No. 241,176; published Feb. 8, 1927.
Medicinal preparation. Anti-Gripine Company. 226,858; Apr. 19; Serial No. 236,521; published Feb. 8, 1927.
Medicinal preparation. T. A. Nerden. 226,776; Apr. 19; Serial No. 241,740; published Feb. 8, 1927.
Medicine for piles. D. A. Carmichael. 226,859; Apr. 19; Serial No. 236,595; published Feb. 8, 1927.
Medicine, Pellagra. H. C. Campbell. 226,665; Apr. 19; Serial No. 237,140; published Feb. 8, 1927.
Ointments and lotions, After-having and face. C. E. Williams. 226,736; Apr. 19; Serial No. 241,191; published Feb. 8, 1927.
Ointments and salves. A. Engber. 29,996; renewed May 11, 1927.
Perfumes. Societe Parisienne d'Essences Rares et de Parfums. 226,765; Apr. 19; Serial No. 222,886; published Feb. 8, 1927.
Perfumes, shampoo salve, hairdressing oil, etc. H. Stern. 226,890; Apr. 19.
Perfumes, toilet waters, hair tonics, face lotions, etc. H. Huebschman. 226,718; Apr. 19; Serial No. 239,174; published Feb. 8, 1927.
Pharmaceutical and medical preparations. C. Leuffen & Cie. Kommanditgesellschaft. 226,860; Apr. 19; Serial No. 236,614; published Feb. 8, 1927.
Powder, Adhesive. Sealtite Chemical Co. 226,662; Apr. 19; Serial No. 237,120; published Feb. 8, 1927.
Preparation for the treatment of colds, catarrhal conditions, etc. W. E. Shore. 226,918; Apr. 19.
Preparations for the treatment of indigestion, constipation, etc.; laxative, diuretic, and eliminant preparations. M. S. Validejuli. 226,737; Apr. 19; Serial No. 236,667; published Dec. 14, 1926.
Preparations, Hair-dyeing. Actien-Gesellschaft für Anilin-Fabrikation. 62,674; renewed May 21, 1927.
Remedy for croup. Smoot Drug Co. 63,424; renewed June 18, 1927.
Remedy for reviving and promoting the better functioning of the organs and nerves, etc. B. Rottmar. 226,768; Apr. 19; Serial No. 241,960; published Feb. Apr. 19.
Salve and ointment and hand and face lotions, Scalp. A. Hastad. 226,785; Apr. 19; Serial No. 222,378; published Feb. 9, 1926.
Shampoo and corrective for dandruff. E. A. Zink. 226,861; Apr. 19; Serial No. 236,860; published Feb. 8, 1927.
Tablets, Soluble disinfectant. Creofloat Manufacturing Co. 226,733; Apr. 19; Serial No. 241,605; published Feb. 8, 1927.
Tonics, skin remedies, hairdressings, massage creams, etc., Hair. A. J. Krank. 226,816; Apr. 19; Serial No. 234,129; published Feb. 8, 1927.

CLASS 7.

Rope. Ajax Rope Company. 226,852; Apr. 19; Serial No. 239,456; published Feb. 8, 1927.
Rope and for goods of the nature of twine or rope, Sisal. Ajax Rope Company. 223,851; Apr. 19; Serial No. 239,455; published Feb. 8, 1927.
Rope, Manila. Ajax Rope Company. 226,853; Apr. 19; Serial No. 239,457; published Feb. 8, 1927.

CLASS 9.

Cartridges, loaded shells, caps, primers, and powder. Peters Cartridge Company. 63,613–17; renewed July 2, 1927.
Gun sights. Lyman Gun Sight Corporation. 64,526; renewed Aug. 13, 1927.

CLASS 11.

Carbon paper and typewriter ribbons. Corona Supply Co. 61,727; renewed Apr. 2, 1927.
Inks. Norddeutsche Wollkämmerei & Kammgarnspinnerei. 62,605; renewed May 14, 1927.
Inks, Marking and stenciling. Binney & Smith Company. 226,725; Apr. 19; Serial No. 238,158; published Feb. 8, 1927.

CLASS 12.

Shingles. Saginaw Timber Company. 226,871; Apr. 19.

CLASS 13.

Lavatories, flush tanks, hoppers, etc. Chicago Pottery Co. 226,740; Apr. 19; Serial No. 237,356; published Feb. 8, 1927.
Metal manufacturers. H. Mueller Manufacturing Company. 63,999; renewed July 16, 1927.
Metal railway-track braces, also known as gauge rods. T. H. Edelblute. 226,739; Apr. 19; Serial No. 236,122; published Feb. 8, 1927.
Pipe flanges, bands, and rings, Metal. Railway Steel-Spring Company. 58,958; renewed Dec. 25, 1926.
Valves and cocks and parts thereof. H. Mueller Manufacturing Company. 62,076; renewed Apr. 16, 1927.
Valves and cocks for steam, water, and gas distribution. H. Mueller Manufacturing Company. 64,609–11; renewed Aug. 13, 1927.
Valves, Regulating and balance. H. Mueller Manufacturing Company. 65,052; renewed Sept. 28, 1927.
Wire cloth. J. O'Neill. 226,894; Apr. 19.

CLASS 14.

Metal compounds for use in the process of welding metals. Goldschmidt Thermit Company. 61,880; renewed Apr. 9, 1927.
Steel. S. & C. Wardlow. 61,316; renewed Mar. 12, 1927.

CLASS 15.

Gasoline. Vacuum Oil Company. 226,707; Apr. 19; Serial No. 240,632; published Jan. 11, 1927.
Gasoline, kerosene, benzol, etc. Hamilton County Eureka Oil Company. 226,683; Apr. 19; Serial No. 226,526; published Jan. 25, 1927.
Naphtha, Rubber-solvent. Anderson-Prichard Oil Corporation. 226,782; Apr. 19; Serial No. 239,958; published Feb. 1, 1927.
Oils for axles and journal bearings, Lubricating. G. W. Gallaway. 63,623; renewed July 2, 1927.
Oils, Lubricating. F. B. Colgan. 226,891; Apr. 19.
Oils, Lubricating. General Petroleum Corporation. 226,686; Apr. 19; Serial No. 237,453; published Feb. 1, 1927.

CLASS 16.

Lead, White. National Lead Company. 62,136; renewed Apr. 23, 1927.
Paints, varnishes, and paint enamels. A. Solberg. 226,893; Apr. 19.
Polish, Furniture. L. M. Wolk. 226,914; Apr. 19.

CLASS 17.

Cigars. H. Fendrich, Incorporated. 226,846–7; Apr. 19; Serial Nos. 241,525–6; published Feb. 8, 1927.
Cigars. Fernandez, Pallcio y Cia. S. en C. 226,818; Apr. 19; Serial No. 234,469; published Feb. 8, 1927.

CLASS 19.

Aeroplanes. National Airways System. 226,731; Apr. 19; Serial No. 241,668; published Feb. 8, 1927.
Automobiles, comprising axles, wheels, etc., Structural elements and accessories for. F. Faudi G. m. b. H. 226,790; Apr. 19; Serial No. 206,949; published Feb. 8, 1927.
Bicycles. Supplee-Biddle Hardware Company. 226,734; Apr. 19; Serial No. 241,588; published Feb. 8, 1927.
Trucks, Motor. Walter Motor Truck Company. 226,700; Apr, 19; Serial No. 240,514; published Jan. 25, 1927.

CLASS 21.

Battery eliminators for radio sets. Acme Apparatus Company. 226,784; Apr. 19; Serial No. 223,155; published Feb. 23, 1926.
Electrically-operated suction cleaners. Scott and Fetzer Company. 226,783; Apr. 19; Serial No. 223,340; published Feb. 1, 1927.
Ignition timers. Glendale Engineering Co. 226,881; Apr. 19.
Radio broadcast receiving sets, loop antennæ, loud speakers, etc. Federal Telegraph Company. 226,880; Apr. 19.
Radio receiving sets. Sauter Bros. 226,900; Apr. 19.
Radio receiving sets, battery eliminators, etc. Harold Herbert, Inc. 226,897; Apr. 19.
Vacuum cleaners, Electrically operated. United Electric Company. 226,877; Apr. 19.

CLASS 22.

Fishhooks. O. Mustad & Son. 226,719; Apr. 19; Serial No. 239,190; published Feb. 8, 1927.
Fish lures, Artificial. Enterprise Manufacturing Company. 226,875; Apr. 19.
Golf bags. Allied Golf Company. 226,680; Apr. 19; Serial No. 228,520; published Feb. 8, 1927.

CLASS 23.

Axes. Kelly Axe Manfg. Co. 29,972; renewed May 4, 1927.
Fire extinguishers. Phister Manufacturing Company. 226,913; Apr. 19.
Flasks. Foundries Service Corporation. 226,909; Apr. 19.
Pumps, engines, wrenches, etc. A. D. Cook, Incorporated. 226,895; Apr. 19.
Saws, knives, trowels, saw handles, saw vises, etc. E. C. Atkins & Company. 226,827; Apr. 19; Serial No. 239,784; published Feb. 8, 1927.
Scrapers, Revolving tractor. Roderick Lean Company. 226,663; Apr. 19; Serial No. 237,126; published Feb. 8, 1927.
Sewing machines. New Home Sewing Machine Company. 226,672; Apr. 19; Serial No. 241,954; published Feb. 8, 1927.
Sewing machines and attachments. New Home Sewing Machine Company. 59,940–3; Jan. 22.
Sewing machines and attachments. New Home Sewing Machine Company. 59,948–53; renewed Jan. 22, 1927.
Sewing machines and attachments. New Home Sewing Machine Company. 60,078–80; renewed Jan. 29, 1927.
Sewing machines and attachments. New Home Sewing Machine Company. 60,723–5; renewed Feb. 19, 1927.
Sizing or grading machines and packing tables and hoppers, Fruit and vegetable. Rochester Rex Company. 226,811; Apr. 19; Serial No. 231,756; published Feb. 8, 1927.
Sprinklers and valves in automatic fire-extinguishing systems. Central Automatic Sprinkler Company. 226,702–3; Apr. 19; Serial Nos. 240,531–2; published Feb. 8, 1927.
Steel, Butcher's. Gustav Volk & Co. 226,863; Apr. 19; Serial No. 238,467; published Feb. 8, 1927.
Typewriting machines. Monarch Typewriter Company. 64,039; renewed July 23, 1927.
Vending machines. Vendex, Inc. 226,796; Apr. 19; Serial No. 242,031; published Feb. 8, 1927.

CLASS 26.

Battery-testing devices. Forest Electric Co. 226,905; Apr. 19.
Films, Moving-picture. Bray Productions, Inc. 226,799; Apr. 19; Serial No. 242,082; puublished Feb. 8, 1927.
Films, plates, and photographic papers. Actien-Gesellschaft für Anilin-Fabrikation. 62,741; renewed May 21, 1927.
Gauges, Liquid. Boston Auto Gage Company. 226,803; Apr. 19; Serial No. 242,224; published Feb. 8, 1927.
Navigational apparatus. Sperry Gyroscope Company. 226,684; Apr. 19; Serial No. 226,210; published Feb. 8, 1927.
Optical lenses. Shur-On Standard Optical Co. 226,670; Apr. 19; Serial No. 242,026; published Feb. 8, 1927.
Patterns for molding. Foundries Service Corporation. 226,912; Apr. 19.
Registering terrestrial vibrations and for furnishing data concerning the occurrence and extent of mineral-bearing formations, Apparatus for. Seismos G. m. b. H. 226,691; Apr. 19; Serial No. 240,885; published Feb. 8, 1927.
Thermometers and temperature-indicating devices for use on motor cars. Wilmot Manufacturing Co. Ltd. 226,879; Apr. 19.

CLASS 27.

Watches, watchcases, and watch movements. Katz & Ogush, Inc. 226,759; Apr. 19; Serial No. 240,978; published Feb. 1, 1927.
Watches, watch movements, etc. Bulova Watch Company. 226,889; Apr. 19.

CLASS 28.

Jewelry. F. J. Goldsoll. 64,783; renewed Aug. 20, 1927.
Rings, bar pins, scarf pins, bracelets, etc., Finger. Katz & Ogush, Inc. 226,758; Apr. 19; Serial No. 240,979; published Feb. 1, 1927.

CLASS 29.

Brushes. Pittsburgh Plate Glass Company. 226,901; Apr. 19.

CLASS 32.

Benches, Piano. Tonk Manufacturing Co. 226,921; Apr. 19.
Furniture. Thonet Brothers, Inc. 226,806–07; Apr. 19; Serial Nos. 235,438–9; published Feb. 8, 1927.
Mattresses, cushions, automobile seats, and spiral springs. Peerless Springs, Inc. 226,842; Apr. 19; Serial No. 241,434; published Feb. 8, 1927.
Racks, Book. Pressed and Welded Steel Products Co. Inc. 226,798; Apr. 19; Serial No. 242,066; published Feb. 8, 1927.
Steps and stool, Combined library. John Wanamaker New York. 226,833; Apr. 19; Serial No. 241,075; published Feb. 8, 1927.

CLASS 33.

Glass flasks. Imperial Trust for the Encouragement of Scientific and Industrial Research. 226,809; Apr. 19; Serial No. 235,776; published Feb. 8, 1927.
Glass flasks. Imperial Trust for the Encouragement of Scientific and Industrial Research. 226,810; Apr. 19; Serial No. 235,780; published Feb. 8, 1927.
Glassware, Ornamental cut or molded. J. H. Venon. 226,869; Apr. 19; Serial No. 239,278; published Feb. 8, 1927.

CLASS 34.

Burners, Oil. Economy Heat Unit Company. 226,919; Apr. 19.

CLASS 35.

Belting, Leather. New York Leather Belting Co. 65,025; renewed Sept. 3, 1927.
Inner tubes of rubber compound. Public Service Tire & Rubber Co. 226,826; Apr. 19; Serial No. 239,948; published Feb. 8, 1927.
Inner tubes, Rubber. Fisk Rubber Company. 226,746; Apr. 19; Serial No. 241,818; published Feb. 8, 1927.
Packing for stuffing boxes. Q-P Signal Company. 226,804; Apr. 19; Serial No. 238,809; puublished Feb. 8, 1927.
Piston rings. American Hammered Piston Ring Company. 226,920; Apr. 19.
Piston rings. L. D. Bax. 226,813; Apr. 19; Serial No. 233,522; published Feb. 8, 1927.
Tires and tubes, Vehicle. Sears, Roebuck and Co. 226,692–3; Apr. 19; Serial Nos. 240,883–4; published Feb. 8, 1927.
Tires, casings, and inner tubes. Richland Rubber Company. 226,911; Apr. 19.

Tires, tubes, etc., Rubber patch for automobile. Dixie Manufacturing Co. Inc. 226,817; Apr. 19; Serial No. 234,198; published Feb. 8, 1927.
Transmission disks. Badger Rubber Works. 226,705; Apr. 19; Serial No. 240,586; published Jan. 11, 1927.
Transmission lining for Ford cars. Atlas Asbestos Company. 226,688; Apr. 19; Serial No. 237,770; published Feb. 8, 1927.

CLASS 36.

Clarinets, oboes, etc. H. & A. Selmer, Inc. 226,873; Apr. 19.
Talking machines, Sound records for. Columbia Phonograph Company, General. 64,914; renewed Aug. 27, 1927.

CLASS 37.

Books, Loose-leaf. McMillan Book Company. 226,844; Apr. 19; Serial No. 241,536; published Jan. 25 1927.
Envelopes. J. W. Fitzgerald. 226,867; Apr. 19; Serial No. 239,169; published Feb. 8, 1927.
Paper, Blotting. Wrenn Paper Company. 226,850; Apr. 19; Serial No. 236,977; published Feb. 8, 1927.
Paper, Book and cover. Strathmore Paper Company. 226,828; Apr. 19; Serial No. 239,831; published Feb. 8, 1927.
Paper, Kraft, bond, manila, etc. Mid-States Gummed Paper Company 226,823; Apr. 19; Serial No. 231,392; published Feb. 8, 1927.
Paper, pasteboard, and bristol board, Wrapping, writing, and printing. E. J. Stilwell Paper Company. 226,789; Apr. 19; Serial No. 208,932; published Feb. 8, 1927.
Paper, Waxed. Newark Paraffine & Parchment Paper Co. 226,659; Apr. 19; Serial No. 237,037; published Feb. 8, 1927.
Paper, Writing. J. W. Butler Paper Co. 63,677; renewed July 2, 1927.
Paper, Writing and printing. George La Monte & Son. 63,142; renewed June 11, 1927.
Pens, Fountain. Parker Pen Company. 26,726–7; Apr. 19; Serial Nos. 238,135–6; published Jan. 25, 1927.

CLASS 38.

Bulletin, Monthly. National Distributors' Association. 226,843; Apr. 19; Serial No. 241,539; published Feb. 8, 1927.
Magazine. Arnold Publishing Company. 226,674; Apr. 19; Serial No. 241,918; published Feb. 8, 1927.
Magazine. Bakers' Helper Co. 226,837; Apr. 19; Serial No. 241,384; published Feb. 8, 1927.
Magazine. Dennison Manufacturing Company. 226,754; Apr. 19; Serial No. 241,700; published Feb. 8, 1927.
Magazine. Hoosier Motor Club. 226,835; Apr. 19; Serial No. 241,281; published Feb. 8, 1927.
Magazine. Lorenz Publishing Company. 226,682; Apr. 19; Serial No. 240,668; published Feb. 8, 1927.
Magazine. Lorenz Publishing Company. 226,709; Apr. 19; Serial No. 240,665; published Feb. 8, 1927.
Magazine. Lorenz Publishing Company. 226,710; Apr. 19; Serial No. 240,666; published Feb. 8, 1927.
Magazine. Lorenz Publishing Company. 226,802; Apr. 19; Serial No. 240,667; published Feb. 8, 1927.
Magazine. E. Skinner. 226,749; Apr. 19; Serial No. 241,795; published Feb. 8, 1927.
Magazine. Southern Dairies, Inc. 226,669; Apr. 19; Serial No. 242,027; published Feb. 8, 1927.
Magazine, Monthly. C. M. Erly. 226,840; Apr. 19; Serial No. 241,523; published Feb. 8, 1927.
Magazine, Periodical. McKelvie Publishing Company. 226,681; Apr. 19; Serial No. 228,122; published Feb. 8, 1927.
Newspaper. Commercial Publishing Company. 226,836; Apr. 19; Serial No. 241,262; published Feb. 8, 1927.
Periodical. Lawrence Publishing Company. 226,704; Apr. 19; Serial No. 240,537; published Feb. 8, 1927.
Periodical. Mode Publishing Co. 226,658; Apr. 19; Serial No. 241,894; published Feb. 8, 1927.
Periodical. C. A. Nowak. 226,671; Apr. 19; Serial No. 241,955; published Feb. 8, 1927.
Periodical. Poultry Science Association. 226,831; Apr. 19; Serial No. 241,238; published Feb. 8, 1927.
Periodicals. Jewelers' Circular Publishing Co. 62,324; renewed Apr. 30, 1927.
Periodicals. Jewelers Circular Publishing Co. 62,905; renewed May 28, 1927.
Periodicals. Jewelers' Circular Publishing Co. 63,276; renewed June 11, 1927.
Periodicals. Jewelers Circular Publishing Co. 63,550; renewed June 25, 1927.
Periodicals. Jewelers Circular Publishing Co. 63,897; renewed July 16, 1927.
Publication. W. A. Radford. 226,781; Apr. 19; Serial No. 240,003; published Feb. 8, 1927.
Publication, Merchandising. Wolfson Publishing Company. 226,699; Apr. 19; Serial No. 240,468; published Feb. 8, 1927.
Publication, Monthly. Hays Manufacturing Co. 226,845; Apr. 19; Serial No. 241,529; published Feb. 8, 1927.
Publication, Periodical. Refiners Oil Co. 226,848; Apr. 19; Serial No. 241,543; published Feb. 8, 1927.
Reproductions of homes with plans, designs, diagrams, etc. W. A. Radford. 226,786; Apr. 19; Serial No. 220,465; published Feb. 8, 1927.

CLASS 39.

Apparel, Wearing. B. Altman & Co. 226,701; Apr. 19; Serial No. 240,517; published Feb. 8, 1927.
Aprons and dresses. Donnelly Garment Company. 226,675; Apr. 19; Serial No. 240,853; published Feb. 8, 1927.
Coats, suits, dresses, millinery, etc., Women's, misses', and children's. M. Lichtenstein. 226,855; Apr. 19; Serial No. 239,710; published Feb. 8, 1927.
Corsets. American Lady Corset Co. 63,030–1; renewed June 4, 1927.
Dresses. Kornbandler & Kane. 226,694; Apr. 19; Serial No. 240,866; published Feb. 8, 1927.
Garters, Men's. S. Levy. 226,689; Apr. 19; Serial No. 224,713; published Feb. 8, 1927.
Gloves. Charles Perrin & Cie. 226,812; Apr. 19; Serial No. 233,223; published Feb. 1, 1927.
Gloves, mittens, and gauntlets. M. B. Hamilton & Co. 226,885–6; Apr. 19.
Gloves Rubber-covered fabric. Gates Rubber Company. 226,820; Apr. 19; Serial No. 231,035; published Feb. 8, 1927.
Hats. Lichtenstein-Mittenthal Co. 226,887; Apr. 19.
Hats and caps for men. Crofut & Knapp Co. 226,696; Apr. 19; Serial No. 240,293; published Feb. 8, 1927.
Hats, Ladies'. Catalina Hats, Inc. 226,841; Apr. 19; Serial No. 241,472; published Feb. 8, 1927.
Hosiery and underwear. M. M. Hoffman. 226,888; Apr. 19.
Neckties. S. Sherman. 226,884; Apr. 19.
Overcoats and sack coats, Men's. Stein-Block Co. 226,791; Apr. 19; Serial No. 205,568; published Feb. 8, 1927.
Shirts of wool and cotton, Work. J. Viders. 226,866; Apr. 19; Serial No. 239,155; published Feb. 8, 1927.
Shoe shanks or stiffeners, Metal. F. G. Delbon. 226,792; Apr. 19; Serial No. 205,052; published Dec. 23, 1924.
Shoes. Murphy and Saval Company. 226,878; Apr. 19.
Shoes. Sportocasin Co. 226,695; Apr. 19; Serial No. 240,279; published Feb. 1, 1927.
Shoes. Weiss Shoe Stores, Inc. 226,856; Apr. 19; Serial No. 239,779; published Feb. 1, 1927.
Shoes, Ladies'. S. Urban. 226,661; Apr. 19; Serial No. 237,051; published Feb. 1, 1927.
Soles, Leather outer. International Shoe Company. 226,825; Apr. 19; Serial No. 239,934; published Feb. 8, 1927.
Topcoats, overcoats, and three or four piece suits, Men's. American Retail Stores Co. 226,808; Apr. 19; Serial No. 235,440; published Feb. 8, 1927.
Underwear, Textile. Seeguil Manufacturing Co. 226,874; Apr. 19.
Underwear, Woven. Andala Company. 226,708; Apr. 19; Serial No. 240,638; published Feb. 8, 1927.

CLASS 42.

Cloth in the piece. American Rayon Products Corporation. 226,751; Apr. 19; Serial No. 241,766; published Feb. 8, 1927.
Cotton fabrics, Woven. Roanoke Mills Company. 226,822; Apr. 19; Serial No. 231,345; published Feb. 8, 1927.
Cotton flannels. Roanoke Mills Company. 226,676; Apr. 19; Serial No. 230,574; published Feb. 8, 1927.
Cotton flannels. Roanoke Mills Company. 226,677; Apr. 19; Serial No. 230,572; published Feb 8, 1927.
Cotton goods, silk goods, etc. Jacob Miller's Sons Co. 226,896; Apr. 19.
Cotton piece goods. Hunter Manufacturing & Commission Co. 226,666; Apr. 19; Serial No. 237,236; published Feb. 8, 1927.
Cotton piece goods. Pacific Mills. 226,797; Apr. 19; Serial No. 242,390; published Feb. 8, 1927.
Cotton piece goods, artificial silk and mixtures thereof. M. C. D. Borden & Sons, Inc. 226,728; Apr. 19; Serial No. 237,588; published Feb. 8, 1927.
Fabric formed of woven splints, strips, or slats, and thread, cord, etc. Hough Shade Corporation. 226,732; Apr. 19; Serial No. 241,622; published Feb. 8, 1927.
Goods made of cotton, silks, cotton and silk mixtures, etc., Piece. Henry A. Dix & Sons Corporation. 226,821; Apr. 19; Serial No. 231,143; published Feb. 8, 1927.
Goods made of cotton, wool, etc., Piece. Ely & Walker Dry Gods Company. 226,716; Apr. 19; Serial No. 240,135; published Feb. 8, 1927.
Goods of silk, rayon, and mixtures of these materials, Piece. Duplan Silk Corporation. 226,730; Apr. 19; Serial No. 241,770; published Feb. 8, 1927.
Rugs and floor coverings, Woven. T. Develon, jr. 226,720; Apr. 19; Serial No. 239,646; published Feb. 8, 1927.
Rugs, Fiber. Waite Carpet Co. 226,801; Apr. 19; Serial No. 242,160; published Feb. 8, 1927.
Rugs, mats, lace curtains, etc. Hartman Furniture & Carpet Co. 226,924; Apr. 19.
Rugs, Textile. Hardwick & Magee Company. 226,778; Apr. 19; Serial No. 241,715; published Feb. 8, 1927.
Shirtings and sheetings, cambrics and long cloth. Grinnell Willis & Co. 56,957; renewed Oct. 30. 1926.
Shirtings, sheetings, cambrics, and long cloth. Grinnell Willis & Co. 56,660; renewed Oct 16, 1926.
Shirtings, sheetings, cambrics, and long cloth. Grinnell Willis & Co. 56,939; renewed Oct 23, 1926.

Silk piece goods. Empire Silk Co. 63,364; renewed June 8, 1927.
Silk textiles, awnings, etc., Artificial. M. Rich & Bros. Co. 226,788; Apr. 19; Serial No. 216,361; published Feb. 8, 1927.
Textile fabrics. China & Japan Trading Company. 62,529; renewed May 14, 1927.
Textile fabrics. Hellwig Silk Dyeing Company. 226,777; Apr. 19; Serial No. 241,716; published Feb. 8, 1927.
Upholstery and drapery fabrics in the piece. Goldenheim Corporation. 226,902; Apr. 19.
Woolen knitted and textile fabric in the piece. Worcester Knitting Co. 226,773; Apr. 19; Serial No. 241,848; published Feb. 8, 1927.
Woolens and worsteds in piece. Andrew's Mill Co. 226,838; Apr. 19; Serial No. 241,382; published Jan. 18, 1927.
Woven, knitted, netted, textile, and pile fabrics in the piece. Cheney Brothers. 226,747; Apr. 19; Serial No. 241,810; published Feb. 8, 1927.

CLASS 43.

Yarn, Spools of rayon. L. Briskman. 226,761; Apr. 19. Serial No. 240,901; published Feb. 8, 1927.
Yarns, Woolen and merino. H. P. Rinehart's Sons, Inc. 226,923; Apr. 19.

CLASS 44.

Dental and surgical burs. S. S. White Dental Mfg. Co. 30,360; renewed July 13, 1927.

CLASS 45.

Beer, Root. G. A. Hausen. 226,763; Apr. 19; Serial No. 228,036; published Feb. 8, 1927.
Beverage and sirup for making the same. R. A. Clark. 226,892; Apr. 19.
Beverages, Orange Crush Company. 226,698; Apr. 19; Serial No. 240,436; published Feb. 8, 1927.
Beverages and sirup for making the same. Taylor-Long Company. 226,717; Apr. 19; Serial No. 239,436; published Feb. 8, 1927.
Beverages sold as soft drinks. M. W. Robinson. 226,904; Apr. 19.
Distilled water. I. H. Jewell. 226,908; Apr. 19.
Sirups and nonalcoholic cordials of various flavors. Pan American Mfg. Co. Ltd. 226,775; Apr. 19; Serial No. 241,834; published Feb. 8, 1927.

CLASS 46.

Bakery products. Reiss & Brady. 61,058; renewed Mar. 5, 1927.
Bread, cake, crackers, cookies, etc. First National Stores, Inc. 226,760; Apr. 19; Serial No. 240,968; published Feb. 8, 1927.
Butter. T. L. Brundage Company. 60,117; renewed Jan. 29, 1927.
Butter. Finger Lakes Creamery. 226,685; Apr. 19; Serial No. 237,450; published Feb. 8, 1927.
Butter. A. J. Grobstein. 226,829; Apr. 19; Serial No. 241,035; published Feb. 8, 1927.
Butter, coffee, candy, nuts, etc. W. Prentiss, jr. 226,780; Apr. 19; Serial No. 240,091; published Feb. 8, 1927.
Butter, Creamery. Kirschbraun & Sons. 61,601; renewed Mar. 26, 1927.
Candies. W. P. Chase Candy Corp. 226,769; Apr. 19; Serial No. 241,925; published Feb. 8, 1927.
Candy. Croft & Allen Corp. 226,673; Apr. 19; Serial No. 241,930; published Feb. 8, 1927.
Candy. M. G. Gibbs. 226,748; Apr. 19; Serial No. 240,185; published Feb. 8, 1927.
Candy. A. M. Grautreau. 226,741; Apr. 19; Serial No. 240,183; published Feb. 8, 1927.
Candy. Ed Messer Confectionery Co. 226,722; Apr. 19; Serial No. 239,942; published Feb. 8, 1927.
Canned fish. Seacoast Canning Company. 226,711; Apr. 19; Serial No. 219,769; published Feb. 8, 1927.
Canned fruits, canned vegetables, and dried fruits. Smith-Frank Packing Company. 226,771; Apr. 19; Serial No. 241,907; published Feb. 8, 1927.
Canned vegetables. F. Gianfranchi. 226,745; Apr. 19; Serial No. 241,820; published Feb. 8, 1927.
Canned vegetables and fruits. Burt Olney Canning Company. 64,930; renewed Aug. 27, 1927.
Cantaloupes, Fresh. Imperial Produce Co. 226,744; Apr. 19; Serial No. 235,140; published Feb. 8, 1927.
Cheese. Reiss & Brady. 61,030; renewed Mar. 5, 1927.
Cheese. J. L. Tuttle. 226,862; Apr. 19; Serial No. 238,238; published Feb. 8, 1927.
Cheese. Wagner & Wurtzel, Inc. 226,922; Apr. 19.
Coffee. Nash Coffee Company. 226,882; Apr. 19.
Coffee. L. H. Parke Company. 226,787; Apr. 19; Serial No. 219,552; published Dec. 1, 1925.
Coffee, tea, and spices. Woolson Spice Company. 226,925; Apr. 19.
Coffee, tea, spices, etc. McClintock-Stern Co. 226,906; Apr. 19.
Corn, Specially-prepared. South Texas Grain Company. 226,815; Apr. 19; Serial No. 234,054; published Feb. 8, 1927.
Cream and buttermilk, raw cream, and Pasteurized and raw milk, Pasteurized. Chapman Dairy Co. 226,678; Apr. 19; Serial No. 230,225; published Feb. 8, 1927.
Eggs. T. L. Brundage Company. 60,118; renewed Jan. 29, 1927.
Eggs. A. J. Grobstein. 226,830; Apr. 19; Serial No. 241,034; published Feb. 8, 1927.
Flour. J. B. Kisky. 226,872; Apr. 19.
Flour, Wheat. Canadian Mill & Elevator Company. 226,660; Apr. 19; Serial No. 237,110; published Feb. 8, 1927.
Flour, Wheat. Hunter Milling Company. 64,310; renewed July 30, 1927.
Flour, Wheat. Hylton Flour Mills, Inc. 226,834; Apr. 19; Serial No. 241,284; published Feb. 8, 1927.
Flour, Wheat. New Era Milling Company. 64,312; renewed July 30, 1927.
Flour, Wheat. Watson Mill Company. 62,566; renewed May 14, 1927.
Flour, Wheat. Whaley Mill & Elevator Co. 226,690; Apr. 19; Serial No. 240,894; published Feb. 8, 1927.
Foods. Reiss & Brady. 63,322; renewed June 11, 1927.
Foods, Sea. Reiss & Brady. 62,252; renewed Apr. 30, 1927.
Fruit preserve. Glaser, Crandell Co. 226,899; Apr. 19.
Fruits, Dried. J. B. Inderrieden Co. 226,742; Apr. 19; Serial No. 236,040; published Nov. 30, 1926.
Fruits, Fresh citrous. Charters-Davis Company. 226,767; Apr. 19; Serial No. 241,984; published Feb. 8, 1927.
Fruits, Fresh citrous. Gilbert & Thomas. 226,723; Apr. 19; Serial No. 239,104; published Feb. 8, 1927.
Fruits, Fresh citrous. Umatilla Fruit Co. 226,687; Apr. 19; Serial No. 237,479; published Feb. 8, 1927.
Fudge. Golden Nugget Sweets. 226,824; Apr. 19; Serial No. 239,929; published Feb. 8, 1927.
Fudge and nougat. Golden Nugget Sweets. 226,721; Apr. 19; Serial No. 239,930; published Feb. 8, 1927.
Gum, Chewing. United Chicle Co. 226,849; Apr. 19; Serial No. 236,969; published Feb. 8, 1927.
Honey Dew melons and cantaloupes. J. E. Bauman. 226,898; Apr. 19.
Jams, canned beets, peaches, etc. Safeway Stores, Incorporated. 226,854; Apr. 19; Serial No. 239,599; published Feb. 8, 1927.
Jell powder. Kellogg Ice Cream Co. 226,916; Apr. 19.
Milk and cream and Pasteurized and cultured buttermilk, Raw and Pasteurized. Chapman Dairy Co. 226,679; Apr. 19; Serial No. 228,743; published Feb. 8, 1927.
Oranges. L. L. Noble. 226,706; Apr. 19; Serial No. 240,619; published Jan. 11, 1927.
Oranges, grapefruit, and tangerines. 'Ojai Orange Association. 226,668; Apr. 19; Serial No. 240,826; published Feb. 8, 1927.
Oranges, lemons, and grapefruit, Fresh. Ball & Tweedy. 226,805; Apr. 19; Serial No. 241,857; published Feb. 8, 1927.
Pears, peaches, plums, and grapes, Fresh. H. W. Bartell. 226,772; Apr. 19; Serial No. 241,858; published Feb. 8, 1927.
Potatoes. Bugbee Distributing Company. 226,770; Apr. 19; Serial No. 241,923; published Feb. 8, 1927.
Preserves, Fruit. Franklin MacVeagh & Company. 226,857; Apr. 19; Serial No. 236,329; published Feb. 8, 1927.
Relish. A. Wynne. 226,730; Apr. 19; Serial No. 237,525; published Feb. 8, 1927.
Sirup, Malt. V. Neustadtl. 226,757; Apr. 19; Serial No. 240,990; published Feb. 8, 1927.
Sugars, flour, corn meal, etc. B. A. Railton Co. 226,793; Apr. 19; Serial No. 186,929; published Feb. 8, 1927.
Sugars, flour, etc. B. A. Railton Co. 226,794; Apr. 19; Serial No. 186,927; published Feb. 8, 1927.
Vegetables, Fresh. Thos. G. Chung & Co. 226,804; Apr. 19; Serial No. 241,869; published Feb. 8, 1927.
Vegetables, melons, citrous and deciduous fruits, Fresh. D. T. Pilchard. 226,814; Apr. 19; Serial No. 233,746; published Feb. 8, 1927.

CLASS 48.

Malt beverage. C. Schmidt & Sons, Inc. 226,712; Apr. 19; Serial No. 214,566; published Aug. 17, 1926.
Malt beverage. Robert Smith Corporation. 226,766; Apr. 19; Serial No. 214,567; published Sept. 28, 1926.
Malt extract. Harvey Fruit Co. Inc. 226,917; Apr. 19.
Malt tonic beverages and sirups therefor. J. A. Selby. 226,729; Apr. 19; Serial No. 237,507; published Feb. 8, 1927.

CLASS 49.

Whisky. Corning Distilling Co. 226,735; Apr. 19; Serial No. 241,328; published Feb. 8, 1927.
Whisky. Rosenfeld Bros. 226,667; Apr. 19; Serial No. 240,735; published Feb. 8, 1927.

CLASS 50.

Waterproofed cotton piece goods. William L. Barrell Co. 61,764–5; renewed Apr. 2, 1927.

ALPHABETICAL LIST OF LABELS.

Analgesic Liniment. For Medical Preparation for the External Treatment of Rheumatism, Sciatica, and Pains in General. Galeno Chemical Company. 31,967; Apr. 19.
Avesan H. For Ampules Filled with a Combination of Formic Nucleinic Acids, Allyl Sulphide, and Camphor Employed in the Treatment of Diseases of the Respiratory Organs. W. V. Hirsh. 31,968; Apr. 19.
Blue Label Battery. For Dry Batteries. International Standard Electric Corporation. 31,971; Apr. 19.
Bombay Pale Dry. For Nonalcoholic Beverage. Bombay Company. 31,958; Apr. 19.
Bonded Gasoline. For Gasoline. Universal Service Everywhere, Inc. 31,989; Apr. 19.
Bonded Greases. For Greases. Universal Service Everywhere, Inc. 31,991; Apr. 19.
Bonded Motor Oils. For Motor Oils. Universal Service Everywhere, Inc. 31,990; Apr. 19.
Collegiate Garter. For Men's Garters. Sturm & Scheinberg. 31,986; Apr. 19.
Clamp Nails. For Devices for Fastening Joints. Clamp Nail Company. 31,961; Apr. 19.
Clearflow. For Metal Valves. Kelley-Connell Co. 31,973; Apr. 19.
Clensi. For Compound for Cleaning Motors. J. D. Campano. 31,960; Apr. 19.
Crispy Nut Pop Corn. For Pop Corn and a Mixture of Nuts and Pop Corn. C. Tracy. 31,988; Apr. 19.
E & L. For Butter. E. & L. Creamery. 31,963; Apr. 19.
Feltman and Curme. For Footwear. Frank C. Meyer Company. 31,977; Apr. 19.
Fry's Renu-O Watch Cleaning Solution. For Watch-Cleaning Solution. D. E. Fry. 31,966; Apr. 19.
Galvanic Liniment. For Liniment. C. A. Bye. 31,959; Apr. 19.
Happy Bunny Easter Egg Transfers. For Easter-Egg Transfers. Hal Pern Mfg. Co. Inc. 31,980; Apr. 19.
J. H. Bevill's Corn and Eczema Lotion. For a Corn and Eczema Lotion. J. H. Bevill. 31,957; Apr. 19.
Jiffy-Lou. For a Dessert. Jiffy Desserts, Inc. 31,972; Apr. 19.
L-R. For Fresh Deciduous Fruits. Loma Rica Ranch. 31,974; Apr. 19.
Merri Jellies. For Candy. Merrimac Candy Company. 31,976; Apr. 19.
Merri Jelly Favors. For Candy. Merrimac Candy Company. 31,975; Apr. 19.
Preparación Perfeccionada y Sin Sabor de Wampole. For Medicinal Preparations. Henry K. Wampole and Company. 31,992; Apr. 19.
Rayahel's Mouth Wash. For Mouth Wash. C. A. Rahayel. 31,981; Apr. 19.
Red Label Battery. For Dry Batteries. International Standard Electric Corporation. 31,970; Apr. 19.
Red Seal Brand Bohemian Style Pure Barley. Malt Extract. For Malt Extract. A. R. Feinberg. 31,964; Apr. 19.
Reichardt's Helios Cocoa. For Cocoa. Reichardt Cocoa & Chocolate Co. 31,982; Apr. 19.
Safe and Sure. For Cough Sirup. S. J. Shefsick. 31,983; Apr. 19.
Silver King Fizz. For Beverages. Silver King Products Corporation. 31,984–5; Apr. 19.
The People's Choice Dixie Bread. For Bread. S. J. Fletcher. 31,965; Apr. 19.
To My Valentine. For Candy. Peerless Confection Company. 31,979; Apr. 19.
Tru Wear. For Hosiery. J. Tobias. 31,987; Apr. 19.
Valley Sunshine Products. For Grapefruit Marmalade. Home Demonstration Marketing Organization. 31,969; Apr. 19.
World Fur Auction. For Furs. H. Werner. 31,993; Apr. 19.
Wurzenburg Malt Syrup. For Malt Sirup. J. F. Denend. 31,962; Apr. 19.
Ye Old Folk. For Healing Salve. M. E. Peach. 31,978; Apr. 19.

ALPHABETICAL LIST OF PRINTS.

A Good Method for Applying Brake Lining. For Brake Linings. Durwyllan Company. 9,734; Apr. 19.
Better School Grades in Kansas City with New Breakfast Plan. For Wheat Breakfast Food. Cream of Wheat Co. 9,730; Apr. 19.
Beware the Mosquito's Song! For Insecticide. Standard Oil Company (New Jersey). 9,745; Apr. 19.
Chestout. For Shoulder Brace. L. A. Fritsch. 9,735; Apr. 19.
Crystal Crest Super-Hi-Test Certified Gas. For Certain Grade of Gasoline. G. L. Rariden. 9,738; Apr. 19.
Death that Strikes at Night! For Insecticide. Standard Oil Company (New Jersey. 9,743; Apr. 19.
Flies—A Menace to Man. For Insecticide. Standard Oil Company (New Jersey). 9,747; Apr. 19.
For Dessert My-T-Fine. For Dessert Preparations. D & C Co. Inc. 9,731–3; Apr. 19.
For Gifts that Brides will Treasure. For Silverware. Black, Starr & Frost. 9,728; Apr. 19.
Gomas Venus—Color Gris No. 554. For Lead-Pencil Erasers. American Lead Pencil Company. 9,727; Apr. 19.
Good Luck Groceries at Pay and Wag Prices. For Groceries. A. A. Simpson. 9,740; Apr. 19.
Insects Prey on Children. For Insecticide. Standard Oil Company (New Jersey). 9,741; Apr. 19.
Men's Natural Enemies. For Insecticide. Standard Oil Company (New Jersey). 9,742; Apr. 19.
Pocket Check Protectors. For Check Protectors and Folders. Rossid Manufacturing Corporation. 9,739; Apr. 19.
Silktufn. For a Chemical Compound for the Toughening of Silk Fabrics. Kay-Bee Chemical Company. 9,736; Apr. 19.
Silverfish—The Hidden Thief. For Insecticide. Standard Oil Company (New Jersey). 9,746; Apr. 19.
Stop Thief! For Insecticide. Standard Oil Company (New Jersey). 9,744; Apr. 19.
The Dance of Death. For Insecticide. Standard Oil Company (New Jersey). 9,748; Apr. 19.
The Ring with the Up Slanting Oil-Slot. For Piston Rings. Piston Ring Company. 9,737; Apr. 19.
Yes Your Baby's Growing up. For Wheat Breakfast Food. Cream of Wheat Co. 9,729; Apr. 19.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. Coal Hill Mining Company. 244,428; Apr. 19.
Coal. Dexter-Carpenter Coal Company. 244,059–61; Apr. 19.
Rubber latex. J. B. Crockett. 244,430; Apr. 19.
Sawdust and shavings. National Sawdust Co. 240,432; Apr. 19.
Seed, Lawn and grass. W. G. Scarlett. 242,551; Apr. 19.
Seeds. I. L. Radwaner Seed Co. 244,470; Apr. 19.

CLASS 2.

Bags, Paper shopping. R. Brownson & Company. 243,845; Apr. 19.
Boxes, Folding. National Metal Edge Box Company. 237,684; Apr. 19.
Cans, pails, boxes, baskets, etc., Oil. Republic Metalware Co. 239,427; Apr. 19.
Caskets. Merit Hardware Manufacturing Co. 241,739; Apr. 19.

CLASS 3.

Trunks, suit cases, hatboxes, etc. Continental Trunk & Bag Co. 239,845; Apr. 19.

CLASS 4.

Preparation used as a beard softener. S. Hankow. 243,546; Apr. 19.
Soap and soap powder and flakes. Jünger & Gebhardt Akt.-Ges. 242,133; Apr. 19.
Washing powder and soap powder. R. J. Magee. 243,866; Apr. 19.

CLASS 5.

Adhesive cement. Flexement Corp. 245,540–1; Apr. 19.

CLASS 6.

Antiseptic balm and oil and shampoo preparation. E. Morris Mfg. Co. 244,461; Apr. 19.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Antiseptic, germicide, disinfectant, and prophylactic. Scott & Bowne. 245,519; Apr. 19.
Antitoxins and serums. H. K. Mulford Company. 241,784; Apr. 19.
Cadmium plating, etc., Materials for. Udylite Process Company. 234,416; Apr. 19.
Compound in powder form. C. H. Clark. 243,847; Apr. 19.
Cough mixture. B. F. Sproat. 241,247; Apr. 19.
Creosote wood preservative. D. L. Crowley. 244,671; Apr. 19.
Dentifrice. G. A. Brouillet. 245,390; Apr. 19.
Deodorant toilet powder. U. L. Burke. 243,995; Apr. 19.
Germicidal preparation. S. J. Russell. 243,626; Apr. 19.
Germicidal solution. P. L. Howe. 244,559; Apr. 19.
Hairdressing. J. Messina. 229,399; Apr. 19.
Hair grower, tetter salve, cold cream, etc. M. E. Moore. 235,967; Apr. 19.
Insect destroyer. Mackie Pine Oil Specialty Co. 215,077; Apr. 19.
Insecticide. A. P. Thompson. 244,730; Apr. 19.
Laxative. H. R. Lathrop & Co. Inc. 245,402; Apr. 19.
Lip stick. R. Hudnut. 245,348; Apr. 19.
Lotion, Skin. R. W. Snider. 243,237; Apr. 19.
Medicinal chewing gum. Texas Gum Company. 244,634–5; Apr. 19.
Medicinal preparation. Rex-Zit Products Company. 243,016; Apr. 19.
Medicinal preparation used as a laxative. Van Vleet-Mansfield Drug Co. 240,634; Apr. 19.
Medicinal preparations for the treatment of amenorrhea. Youngs Rubber Corporation, Inc. 234,604; Apr. 19.
Medicinal preparations for the treatment of amenorrhea. Youngs Rubber Corporation, Inc. 234,606; Apr. 19.
Medicine. C. A. Fohrman. 244,611; Apr. 19.
Ointment. W. E. Rutherford. 242,353; Apr. 19.
Ointments. Burdg Brothers. 244,283; Apr. 19.
Perfumes, toilet waters, face powder, etc. S. S. Pierce Co. 245,580; Apr. 19.
Petroleum jelly, insecticide, olive oil, castor oil, antiseptic, etc. Howell Company. 243,213; Apr. 19.
Powder for rendering explosive oils nonexplosive. E. E. Jennison. 239,753; Apr. 19.
Powders and creams, toilet waters, rouges, etc., Face. E. Schultz. 212,154; Apr. 19.
Preparation for the treatment of asthma and hay fever. G. F. Alexander Co. 243,407; Apr. 19.
Preparation for the treatment of burns, scalds, sores, etc. C. T. Hendricks. 244,302; Apr. 19.
Preparation for the treatment of postoperative pain after tooth extraction. D. M. Coney. 242,570; Apr. 19.
Remedies and salve, Eye. Murine Company. 242,959; Apr. 19.
Remedies for the treatment of the blood, kidneys, and liver. Alonzo O. Bliss Medical Company. 245,468; Apr. 19.
Remedy for dog distemper. S. K. Skillman. 244,245; Apr. 19.
Remedy for the treatment of the blood, kidneys, and liver. Alonzo O. Bliss Medical Company. 245,466 Apr. 19.
Salts. Cadmium Process Company. 243,925; Apr. 19.
Salve. D. A. Coviello. 237,726; Apr. 19.
Salve. P. M. Verstynen. 244,896; Apr. 19.
Sealing compounds, mixtures, and materials for radiators and the like. W. C. Jones. 244,403; Apr. 19.
Soda ash, etc. J. B. Ford Company. 225,405; Apr. 19.
Soot cleaner. Klisoot Chemical Co. 243,814; Apr. 19.
Specific for parasites infesting the human hair. W. H. S. Laboratories. 243,330; Apr. 19.
Toilet preparations. Louray Company. 243,613; Apr. 19.
Toilet preparations. Chas. A. Stevens & Bros. 229,476; Apr. 19.
Toilet preparations. Antiseptic. Parfymeri F. Pauli A/B. 239,315; Apr. 19.
Tonic, hairdressing, and eau de quinine, Hair. Odell Company. 242,495; Apr. 19.
Tooth powders. F. Brookfield Slater. 244,516; Apr. 19.
Water-soluble preparations containing cell-building protein substances. J. A. Von Wülfing. 245,171; Apr. 19.

CLASS 9.

Pistol caps. M. Backes' Sons, Inc. 245,530; Apr. 19.

CLASS 10.

Fertilizers. I. G. Farbenindustrie Aktiengesellschaft. 241,657–9; Apr. 19.
Fertilizing materials. Otto Wittbold Nursery. 245,238; Apr. 19.

CLASS 12.

Asphalt. J. J. Flannery. 226,643; Apr. 19.
Cement. Petoskey Portland Cement Co. 243,775; Apr. 19.
Cement, Portland. Universal Portland Cement Co. 237,934; Apr. 19.
Flooring, Composition. American Jointless Flooring Co. 244,125; Apr. 19.

CLASS 13.

Dishes, boilers for cooking foods, cake pans, etc., Baking. Aluminum Goods Manufacturing Co. 244,909; Apr. 19.
Fixtures, valves, etc. Shampooing. Street & Kent Mfg. Company. 241,642; Apr. 19.
Ladles, tea strainers, napkin rings, plates, dishes, etc., Gravy. Dirigold Corporation. 226,641; Apr. 19.
Racks, foot baths, dish pans, sink strainers, etc., Pot-cover-display. Republic Metalware Co. 239,428; Apr. 19.
Screens, Wire cloth for. Hanover Wire Cloth Co. 244,930–32; Apr. 19.
Soldering nipples. Mueller Co. 244,565; Apr. 19.

CLASS 16.

Colors for hand painting on textile fabrics, Liquid. Leo Uhlfelder Co. 244,194; Apr. 19.
Liquid polish for pianos, furniture, and automobiles. C. A. Sullivan. 243,832; Apr. 19.
Paint for coloring and waterproofing. Grassphalte Hard Courts Limited. 242,429; Apr. 19.
Paints, varnishes, enamels, etc., ready-mixed. Diamond Oil & Paint Co. 243,691; Apr. 19.
Paints, varnishes, paint enamels, etc. Payson Varnish Co. 244,412; Apr. 19.
Polish. E. R. Purvis. 203,387; Apr. 19.
Polish, Furniture. J. R. Stanko. 244,372; Apr. 19.
Polishes. Elson and Elson. 242,527; Apr. 19.
Varnishes. Elco Paints Products, Inc. 238,258; Apr. 19.
Varnishes. Morgan Company. 245,156; Apr. 19.

CLASS 17.

Cigars. Z. Goodman. 245,628; Apr. 19.
Tobacco, Chewing and smoking. C. G. Rangos. 245,583; Apr. 19.

CLASS 19.

Airplanes. Pitcairn Aircraft, Inc. 244,883–4; Apr. 19.
Automobiles and constructive parts thereof. Elysee Delivery de Luxe Corporation. 238,311; Apr. 19.
Bicycles. Excelsior Cycle Company. 208,847; Apr. 19.
Couplers. National Malleable and Steel Castings Company. 245,285; Apr. 19.

CLASS 20.

Floor coverings. C. Zimmerman. 225,214; Apr. 19.
Plastic-coated paper, Wall covering comprising. Lincrusta-Walton Company. 243,381; Apr. 19.

CLASS 22.

Bait, Fish. P. Lubetich. 244,018; Apr. 19.
Shoofties, hobbyhorses, and toy rockers. Whitney Reed Corporation. 244,338; Apr. 19.

CLASS 23.

Engines, Aeronautical. Wright Aeronautical Corporation. 242,763; Apr. 19.
Fire extinguishing apparatus, Portable hand. Knight & Thomas, Inc. 244,450; Apr. 19.
Machine used in the manufacture of sodium hypochloride solution. Valhalla Company. 245,461; Apr. 19.
Pistons. Accuralite Company. 239,731; Apr. 19.
Planters, guano distributors, etc., Cotton. Gantt Manufacturing Company. 235,643; Apr. 19.
Printing machines, Embossed. Proffatt & Marans. 245,224; Apr. 19.
Pumps, battery connecter drills, and automobile band adjusters, Automobile oil. G. L. Cunningham. 237,494; Apr. 19.
Sugar-mill imbibition devices. Farrel Foundry & Machine Company. 245,393; Apr. 19.
Typewriting machines and parts thereof. Rheinische Metallwaaren- und Maschinenfabrik. 241,498; Apr. 19.
Wrench sets, socket-wrench sets, etc., Nut. Indestro Mfg. Co. 228,653; Apr. 19.

CLASS 25.

Safe, Wall. Murphy Door Bed Company of Chicago. 229,808; Apr. 19.

CLASS 26.

Adding, calculating, multiplying, and computing machines. P. Rialik. 244,129; Apr. 19.
Adjacent and remote automatic production machinery and comprising mechanism, Control apparatus for. Electric Production Appliance Corp. 237,227; Apr. 19.

CLASS 29.

Brushes. Du Pont Viscoloid Company. 244,820; Apr. 19.
Brushes. A. W. Hahn. 245,396; Apr. 19.
Toothbrushes. P. B. T. Williams. 245,388; Apr. 19.

CLASS 32.

Beds, cots, couches, and cribs. Montauk Bed Co. Inc. 234,789; Apr. 19.
Furniture. Oneidacraft, Inc. 238,133; Apr. 19.

CLASS 34.

Burners and parts thereof, Oil. Weithorn Oil Burner Company. 244,642; Apr. 19.
Stoves and ranges, Wood, coal, gas, oil, and vapor. American Range Corporation. 245,182; Apr. 19.

CLASS 35.

Belts, Machinery-driving. James Hendry Limited. 244,870; Apr. 19.

CLASS 37.

Blank forms. Tax Digest, Inc. 230,605; Apr. 19.
Diaries. Samuel Ward Manufacturing Company. 244,721; Apr. 19.
Envelopes. Magill-Weinsheimer Company. 244,876–7; Apr. 19.
Paper, Printed. American Register Company. 233,904; Apr. 19.
Paper, Wall. Tait Paper and Color Industries, Inc. 243,398; Apr. 19.
Tape, Textile-fabric. Mid-States Gummed Paper Company. 245,741–2; Apr. 19.

CLASS 38.

Cartoons, Title for. New York Evening Post Inc. 243,822; Apr. 19.
Newspaper. Glendale Shopping News. 243,358; Apr. 19.
Newspaper. H. W. McGuire. 243,384; Apr. 19.
Newspaper. Nowy Swiat Publishing Company Inc. 243,166; Apr. 19.
Periodicals. Chicago Bridge & Iron Works. 231,903; Apr. 19.

CLASS 39.

Belts, suspenders, garters, and braces, Waist. Martins-Birmingham Limited. 237,180; Apr. 19.
Blouses and dresses. Rubin Blouse & Dress Company. 243,458; Apr. 19.
Brassières, corset brassières, corsets, etc. Weingarten Bros. 245,173; Apr. 19.
Coats and overcoats, Men's. Stein-Bloch Co. 230,774; Apr. 19.
Coats, Denim. H. W. Carter & Sons. 244,660; Apr. 19.
Coats, Infants' and children's. N. Bass. 244,420; Apr. 19.
Coats, Sport. Greenhill & Daniel. 244,072; Apr. 19.
Coats, suits, and dresses. Malito Bros. Inc. 243,867; Apr. 19.
Coats, vests, trousers, etc. J. Schoeneman, Incorporated. 243,977; Apr. 19.
Coats, vests, trousers, etc., Men's. Curlee Clothing Company. 242,779; Apr. 19.
Dresses. Chicago Mail Order Company. 243,586; Apr. 19.
Dresses. Charles Salomon & Co. Inc. 241,500; Apr. 19.
Dresses. Sherr Bros. 243,890; Apr. 19.
Dresses, blouses, scarfs, sweaters, etc. Shirley Modes, Inc. 199,092; Apr. 19.
Garments consisting of corsets, brassières, and sanitary belts, Combination. B. Alonso. 236,152; Apr. 19.
Garments, underwear, etc., Combination. Standard Corset Company. 226,571; Apr. 19.
Garters. W. D. Baer. 245,185; Apr. 19.
Garters. J. Collins. 243,848; Apr. 19.
Hats. D. Fagan & Sons. 243,044; Apr. 19.
Hats. D. Fagan & Sons. 243,045; Apr. 19.
Hats. Ferle Heller, Inc. 244,610; Apr. 19.
Hats. Fruhauf & Musyl, Inc. 243,262; Apr. 19.
Hats and caps. Finchley Inc. 243,696; Apr. 19.
Hats and caps. H. L. Topilow & Co. 243,329; Apr. 19.
Hats, caps, and bonnets, Infants', boys', and girls'. A. A. Bezozi. 241,079; Apr. 19.
Hats, Ladies'. Feldman Bros., Inc. 245,087; Apr. 19.
Hats, Ladies'. Bobby Hood Co. Inc. 240,239; Apr. 19.
Hats, Ladies'. Pasloff Bros. Inc. 208,419; Apr. 19.
Hosiery. Bear Brand Hosiery Co. 244,041; Apr. 19.
Hosiery. Bonwit Teller & Co. 244,423; Apr. 19.
Hosiery. J. Casin & Co. 242,412; Apr. 19.
Hosiery. Dillon Export & Commission Co. 243,144; Apr. 19.
Hosiery. Mitchell Hosiery Mills. 244,945; Apr. 19.
Hosiery. Noe Equi Textile Mills, Inc. 238,069; Apr. 19.
Hosiery. Shreve & Adams, Inc. 244,725; Apr. 19.
Hosiery, shawls, ruffs, collars, etc. Lord & Taylor. 238,268–9; Apr. 19.
Hosiery, underwear, gloves, etc. Doré & Fils. 241,608; Apr. 19.
Neckties. C. Ruben. 245,371; Apr. 19.
Negligees. Kayata Brothers. 226,774; Apr. 19.
Overcoats. E. A. Jones. 227,521; Apr. 19.
Pants, vests, coats, and suits, Men's. Hart Company. 241,100; Apr. 19.
Raincoats. J. C. Haartz Company. 243,603; Apr. 19.
Shirts. W. M. Wallace. 243,569; Apr. 19.
Shirts, suits, pants, etc. D. M. Oberman Mfg. Co. 231,750; Apr. 19.
Shoes. Brown Shoe Company. 241,808; Apr. 19.
Shoes. Florsheim Shoe Company. 241,568; Apr. 19.
Shoes. Shipley & Vaux Shoe Mfg. Co. 243,066; Apr. 19.
Stockings and socks. L. Colman. 244,915; Apr. 19.
Suits and overcoats, Men's and young men's. C. L. Bond. 244,740; Apr. 19.
Suits, coats, trousers, etc. J. Kleinman Sons & Friedlander Inc. 243,707; Apr. 19.
Suits, dresses, mantles, underwear, etc., Women's. Maison Jenny, Société Anonyme. 234,718; Apr. 19.
Suits, Men's and boys'. L. Kupferman & Co. 240,267; Apr. 19.
Suits, Summer. L. Berger. 243,251; Apr. 19.
Ties and cravats. L. Samter & Sons. 243,562; Apr. 19.
Ties, Bow. Advance Neckwear Co. 243,678; Apr. 19.
Ties, cravats, four-in-hand ties, and bow ties. Friedman Bros. & Sons Neckwear Co. 244,768; Apr. 19.
Underwear. Noe Equi Textile Mills, Inc. 233,892; Apr. 19.
Underwear, Men's. Robert C. King & Co. 244,615; Apr. 19.
Vests, nightgowns, camisoles, bath robes, etc., Ladies' textile. C. J. Farley & Co. 236,922; Apr. 19.

CLASS 40.

Ribbon novelties. H. A. Enrich. 243,801; Apr. 19.
Tapes and trimmings of fabric, Bias-fold. William E. Wright and Sons Company. 244,907; Apr. 19.

CLASS 42.

Cotton piece goods. J. L. Stifel & Sons. 245,593; Apr. 19.
Handkerchiefs. Sullivan Smythfield Company. 245,813; Apr. 19.
Rugs, Textile. Kent-Costikyan Trading Company. 245,724; Apr. 19.
Rugs, Wool. Waite Carpet Co. 242,159; Apr. 19.
Serges in the piece. R. Spitzer. 203,760; Apr. 19.
Silk piece goods. Haytock-Cronemeyer Co. 245,640; Apr. 19.
Textile fabrics. Duplan Silk Corporation. 244,433; Apr. 19.
Woven, knitted, netted, and textile fabrics in the piece. American Cellulose & Chemical Manufacturing Company. 243,838; Apr. 19.

CLASS 43.

Thread. Gardiner Hall Jr. Company. 245,001–2; Apr. 19.
Thread. Gardiner Hall Jr. Company. 245,005; Apr. 19.
Yarn, Rayon. Viscose Company. 245,402; Apr. 19.

CLASS 44.

Electromagnetic therapeutical coils. A. J. C. Bernard. 240,520; Apr. 19.

CLASS 45.

Beverages. Drewrys Limited. 238,043; Apr. 19.
Beverages and sirups. Coca-Cola Company. 242,569; Apr. 19.
Beverages and sirups for making the same. Mavis Corporation. 244,360; Apr. 19.
Beverages sold as soft drinks. Westchester Bottling Works. 245,125; Apr. 19.
Beverages sold as soft drinks and sirups for making the same. M. J. Kraft. 245,500; Apr. 19.
Chocolate sirup used in the preparation of soft drinks. Bowey's, Inc. 237,775; Apr. 19.
Extracts and flavors for soft drinks. Hagen-Becker Company. 244,558; Apr. 19.
Ginger ale. Curran & Joyce Co. 245,477; Apr. 19.
Ginger ale. Natural Dry Ginger Ale Corp. 240,434; Apr. 19.
Ginger ale, carbonated water, and root beer. Peacock Ale Co. 234,731; Apr. 19.

CLASS 46.

Bacon. E. M. Todd Co. 216,238; Apr. 19.
Butter. C. W. Bush. 245,469; Apr. 19.
Candies. Betty Ann Candy Company. 239,842; Apr. 19.
Candy. Corn Products Refining Company. 244,289; Apr. 19.
Candy. Royal Candy Company. 245,453; Apr. 19.
Canned fish. R. E. Cotter Company. 236,911; Apr. 19.
Canned fruits, canned crab meat, salmon, milk, beans, etc. Wilcox-Hayes Company. 244,200; Apr. 19.
Canned goods. E. T. Smith Company. 243,831; Apr. 19.
Canned razor clams. N. E. Willis. 244,525; Apr. 19.
Canned vegetables. Carroon & Co. 244,656–8; Apr. 19.
Cereal breakfast food. Hoyland Flour Mills Company. 242,231; Apr. 19.
Cheese. J. Caspary. 244,391; Apr. 19.
Coffee. Diamond Coffee Mills, Inc. 242,046; Apr. 19.
Coffee. Fletcher-Wilson Coffee Co. 245,262; Apr. 19.
Coffee. San Antonio Coffee Co. 244,722; Apr. 19.
Corn flakes. W. T. McElroy. 243,317; Apr. 19.
Eggs. George Ehlenberger & Company. 244,004; Apr. 19.
Extracts, Food-flavoring. Greever-Lotspeich Mfg. Co. 244,153; Apr. 19.
Feeds, Stock and poultry. Coles Company. 228,976; Apr. 19.
Feeds, Stock and poultry. Coles Company. 229,541; Apr. 19.
Flour, Wheat. International Milling Company. 245,559; Apr. 19.
Flour, Wheat. Pillsbury Flour Mills Company. 245,223; Apr. 19.
Flour, Wheat. Washburn-Crosby Company. 245,384; Apr. 19.

Flour, wheat shorts, bran, cereal breakfast food, etc., Wheat. Norfolk Cereal and Flour Mills Company. 228,259; Apr. 19.
Food, self-rising pancake flour, whole-wheat flour, etc., Breakfast. C. F. Earley & Son. 245,343; Apr. 19.
Fowls, eggs, and cans of frozen eggs, Dressed. F. C. Pennington Produce Company. 244,104; Apr. 19.
Fruits and fresh vegetables, Fresh citrous. Southern Fruit Distributors, Inc. 245,587; Apr. 19.
Jams, jellies, fruit butters, canned fruits and vegetables. Pacific Northwest Canning Company. 240,088; Apr. 19.
Mincemeat. Old Time Mince Meat Corporation. 241,295; Apr. 19.
Pectin, acidified sugar mixture for use in quick jelly-making processes. Speas Manufacturing Company. 244,190; Apr. 19.
Potatoes. Zuckerman Brothers. 236,979; Apr. 19.
Raisins and grapes, Preserved and canned. Rubyette Co. 245,373; Apr. 19.
Salad dressing. L. A. Dickinson. 244,141; Apr. 19.
Sauerkraut. Clyde Kraut Company. 244,427; Apr. 19.
Tow foo, canned bean sprouts, soups, etc. T. Lam. 242,198; Apr. 19.
Vegetables, cantaloupes, and fresh deciduous fruits, Fresh. Chas. H. Jandt Packing Co. 238,908; Apr. 19.

CLASS 47.

Wines, Champagne. Lanson Pere & Fils (Societe a Responsabilite Limitee). 245,732; Apr. 19.

CLASS 48.

Malt sirup. Madison Malt Extract Company. 244,618; Apr. 19.
Malt sirup. A. C. Taylor. 237,295–6; Apr. 19.

CLASS 50.

Floor coverings including hair rug cushions, hair carpet lining, and hair stair pads. Densten Felt and Hair Company. 243,930; Apr. 19.
Shoe forms. Shoe Form Co. 240,220; Apr. 19.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 19TH DAY OF APRIL, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

A. B. Stove Company. (See Reedy, Alfred J., assignor.)
Abbott, John E., Spring Valley, Calif. Container for milk bottles. 1,625,183; Apr. 19.
Abel, Joseph C., Brooklyn, N. Y. Holding molding. 1,625,637; Apr. 19.
Abell-Howe Co. (See Haeger, Milton O., assignor.)
Acme Clutch Company. (See Geist, Walter, assignor.)
Acme Wire Co., The. (See Archer, Harry W., assignor.)
Adams, Walter S., assignor to The J. G. Brill Company, Philadelphia, Pa. Slack adjuster for brake mechanism. 1,625,695; Apr. 19.
Adle, Harry P., and P. Gilpin, Cleveland, Ohio. Motor. 1,624,905; Apr. 19.
Advance Machine Company. (See Richardson, M. H., and Gebert, assignors.)
Advance-Rumely Company. (See Secor, John A., assignor.)
Airubber Corporation. (See Anderson, Arvid E., assignor.)
Albin, Herman, St. Louis, Mo. Passenger car. 1,625,443; Apr. 19.
Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical composing machine. 1,625,696; Apr. 19.
Allegheny Steel Company. (See Caugherty, William E., assignor.)
Allen, John H. (See Riegel, Samuel S., assignor.)
Allen, Mildred C., Highland Park, Ill. Child's garment. 1,625,184; Apr. 19.
Allen, S. L., & Co. (See Yancey, Samuel H., assignor.)
Altwickler, Carl, Gotha, assignor to Deutsche Werke Aktiengesellschaft, Berlin-Wilmersdorf, Germany. Alternating-current motor. 1,625,760; Apr. 19.
American Can Company. (See Loesel, Nicholas, assignor.)
American Can Company. (See McCann, Leland R., assignor.)
American Can Company. (See Peters, John F., assignor.)
American Can Company. (See Stollberg, Charles, assignor.)
American Multigraph Company, The. (See Hult, John A., assignor.)
American Steel and Wire Company of New Jersey, The. (See Thomas, Edward, assignor.)
American Sundries Co. (See Lawner, Nicholas, assignor.)
American Telephone and Telegraph Company. (See Blackwell, O. B., and Herman, assignors.)
American Telephone and Telegraph Company. (See Faries, Charles L., assignor.)
American Telephone & Telegraph Company. (See Morris, Robert W., assignor.)
American Tool Works Company, The. (See Robinson, Albert E., assignor.)
Ames, James W., Montclair, N. J. Utilizing waste rubber. 1,624,913; Apr. 19.
Amodio, Robert, assignor of one-half to H. C. d'Annunzio, Rochester, N. Y. Heat indicator for heated tools. 1,625,014; Apr. 19.
Anchor Manufacturing Company. (See Katz, Frank, assignor.)
Anderson, Andrew G., Wollaston, assignor to Carr Fastener Company, Cambridge, Mass. Fastener. 1,625,406; Apr. 19.
Anderson, Arvid E., assignor to Airubber Corporation, Chicago, Ill. Flexible hollow article and making the same. 1,625,582; Apr. 19.
Anderson, August P., Toledo, Ohio. Automatic fluid-controlling device. 1,625,185; Apr. 19.
Anderson, Charles M., Salt Lake City, Utah. Flow meter. 1,625,583; Apr. 19.
Anderson, Mervyn F., and T. F. Clark, Hoboken, N. J. Brake. 1,625,584; Apr. 19.
Andres, William J., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake mechanism. 1,625,444; Apr. 19.
Angier, Edward H. (See Wheildon, William M., assignor.)
Antrobus, Mary, London, England. Chair. Des. 72,464; Apr. 19.
Antrobus, Mary, London, England. Sideboard. Des. 72,465; Apr. 19.
Archer, Harry W., assignor to The Acme Wire Co., New Haven, Conn. Core for spools, reels, bobbins, and the like. 1,625,585; Apr. 19.
Archer, Thomas P., and E. E. Heintz, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Window regulator. 1,625,186; Apr. 19.
Argentographica (U. S. A.) Limited. (See de'Sperati, Mariano, assignor.)
Arnold, Marvin L. (See Beechtel, David W., assignor.)
Aron Electric Razor Company. (See Aron, William P., assignor.)
Aron, William P., Dallas, Tex., assignor to Aron Electric Razor Company, Wilmington, Del. Electrical safety razor. 1,625,015; Apr. 19.
Arras, George, and D. E. Worrell, Chicago, Ill. Adjustable fixture. 1,625,069; Apr. 19.
Astrom, John, and V. L. Tannehill, Fort Wayne, Ind. Static eliminator. 1,625,445; Apr. 19.
Attleboro Braiding Co. (See Burlingame, Fred E., assignor.)
Audibert, Jean, Villeurbanne, France, assignor to the corporation Societe des Films en Couleur Keller Dorian of France. Method and apparatus for producing films for color photography. 1,625,586; Apr. 19.
Austin, Arthur O., and D. K. Macleod, Barberton, assignors, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Apparatus for forming plastic materials. 1,625,514; Apr. 19.
Automatic Electric Inc. (See Bellamy, John I., assignor.)
Automatic Electric Inc. (See Martin, Talbot G., assignor.)
Automatic Electric Inc. (See Pracht, Carl J., assignor.)
Automatic Electric, Inc. (See Richardson, Rodney G., assignor.)
Automatic Shoe Shiner Corporation. (See Thomas, Harold D., assignor.)
Ayres, Arthur U. (See Jones, L. D., and Ayres.)
Backstrom, Gustaf V. (See Brown, Perry O., assignor.)
Bailey, David R., Sacramento, assignor to California Almond Growers Exchange, San Francisco, Calif. Apparatus for treating food products. 1,625,070; Apr. 19.
Bailey, William R., Elmhurst, Ill. Automobile bed. 1,625,515; Apr. 19.
Baits, Stuart G. (See Fekete, S. I., and Baits.)
Baker, John C., Lake Bluff, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Making breaker arms. 1,625,697; Apr. 19.
Baker-Perkins Company. (See Engels, Eugene O., assignor.)
Baldyzar, Stephan, Racine, Wis. Phonograph. 1,625,446; Apr. 19.
Ballard, Arthur H., assignor to Ballard Oven Corporation, Boston, Mass. Baking oven. 1,625,761; Apr. 19.
Ballard Oven Corporation. (See Ballard, Arthur H., assignor.)
Balzer, Fritz, Moline, assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill. Garment press. 1,625,071; Apr. 19.
Bangs, Ralph C. (See Franke, H. C., and Bangs.)
Bankson, William R., Pittsburgh, Pa. Conveyer. 1,625,347; Apr. 19.
Banner, Otto A., assignor to The Falk Corporation, Milwaukee, Wis. Oil engine. 1,625,113; Apr. 19.
Barber Asphalt Company, The. (See Freegard, William, assignor.)
Barber-Colman Company. (See Colman, Howard D., assignor.)
Barger, Fred H., Cherry Valley, Ark. Carburetor. 1,625,516; Apr. 19.
Barghausen, John F., Takoma Park, D. C. Refrigerated display counter. Re16,595; Apr. 19.
Barker, Edwin H., Moylan, assignor to A. H. Wirz, Inc., Chester, Pa. Reenforcement for sprinkler tops. 1,625,016; Apr. 19.
Barkschat, Henry, assignor to Marbelite Corporation of America, Los Angeles, Calif. Lamp post or similar article. Des. 72,466; Apr. 19.
Barkschat, Henry, assignor to Marbelite Corporation of America, Los Angeles, Calif. Lamp post or similar article. Des. 72,467; Apr. 19.
Barnes, Charles H., Ilion, N. Y. Trigger mechanisms for firearms. 1,625,768; Apr. 19.
Barrymore Concrete Mixer Corporation. (See Barrymore, O. C., and Daddisman, assignors.)
Barrymore, Orson C., and R. A. Daddisman, assignors to Barrymore Concrete Mixer Corporation, San Francisco, Calif. Concrete mixer. 1,625,762; Apr. 19.

Bartholomew, John. (See Lyon, John S., assignor.)
Barton, William H., Montclair, N. J. Packing for gate valves. 1,625,698; Apr. 19.
Baskin, Louis, and M. Sternberg, Chicago, Ill. Combination ash tray and lamp cap. Des. 72,468; Apr. 19.
Battle, William T., assignor to G. F. Berkander, Providence, R. I. Barrette. 1,625,587; Apr. 19.
Bauer, John, Detroit, Mich. Windshield. 1,624,906; Apr. 19.
Bay View Furniture Company. (See Lindemann, Marvin C., assignor.)
Baynes, James B., Buffalo, N. Y. Engine. 1,625,638; Apr. 19.
Bayport Foundry Company. (See Relland, Ernest S., and P. M., assignors.)
Beamer, Charles W., Tonopah, Nev. Combination brace and drill. 1,625,517; Apr. 19.
Bearfoot Sole Co. Inc. (See Calvin, Edwin, assignor.)
Bechtold, William S., Newark, N. J. Mirror or similar article. Des. 72,469; Apr. 19.
Becker, William P., Pelham, assignor to The New York Last Company, New York, N. Y. Last. 1,625,588; Apr. 19.
Beechtel, David W., assignor of forty-nine per cent to M. L. Arnold, Los Angeles, Calif. Tire valve. 1,624,914; Apr. 19.
Behrman, Marcus B., assignor to The Lox Seal Corporation, Brooklyn, N. Y. Pile-wire cutter and making it. 1,625,072; Apr. 19.
Beisel Spring Wheel Corporation. (See Beisel, William J., assignor.)
Beisel, William J., Port Richmond, assignor to Beisel Spring Wheel Corporation, New York, N. Y. Spring wheel. 1,625,518. Apr. 19.
Bellamy, John I., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,625,235; Apr. 19.
Bendix Brake Company. (See Andres, William J., assignor.)
Benedict, Clifton E., Spokane, Wash. Cream separator. 1,625,385; Apr. 19.
Benice, Theodore S., Los Angeles, Calif. Exerciser. 1,625,447; Apr. 19.
Bennie, Harold C., Almena, Kans. Tricycle. 1,624,915; Apr. 19.
Benton, Arthur R., Beverly Hills, Calif. Hand oiler. 1,625,699; Apr. 19.
Berggren Engineering Corporation. (See Hall, Frederick, assignor.)
Bergve, Einar. (See Freng, J., and Bergve.)
Berkander, George F. (See Battle, William T., assignor.)
Berry, Bert C., Calgary, Alberta, Canada, assignor to Berry Shocker Incorporated, Wilmington, Del. Shocker. 1,625,386; Apr. 19.
Berry Shocker Incorporated. (See Berry, Bert C., assignor.)
Berthelsen, Carl F., Frederiksberg, near Copenhagen, Denmark. Light projector. 1,625,763; Apr. 19.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on lasts. 1,624,916; Apr. 19.
Besser, William, Wauwatosa, Wis. Manifold electric heater. 1,625,448; Apr. 19.
Bewsick, William W., Shelby, assignor to The Cleveland Trust Company, Cleveland, Ohio. Round fabric belt and method and apparatus for forming the same. 1,625,348; Apr. 19.
Bir, Herman M., Lima, Ohio. Diffusing and coloring rays of light. 1,625,407; Apr. 19.
Birch, William T., Chicago, Ill. Foot pad. 1,625,187; Apr. 19.
Birchard, Ford G., Lewisburg, Pa. Airship and making the same buoyant. 1,624,917; Apr. 19.
Birkholz, Edward P., Colonia, N. J. Circuit closer. 1,625,017; Apr. 19.
Black, Archibald, Garden City, N. Y. Freight-airplane body. 1,625,700; Apr. 19.
Black, Archibald, Garden City, N. Y. Airplane and other aircraft body. 1,625,701; Apr. 19.
Blackburn, Jasper, Webster Groves, Mo. Preselecting and shifting mechanism for sliding-gear transmissions. 1,625,188; Apr. 19.
Blackwell, John B., San Antonio, Tex. Cactus burner. 1,625,702; Apr. 19.
Blackwell, Otto B., Plandome, and J. Herman, New York, N. Y., assignors to American Telephone and Telegraph Company. Method and apparatus for television. 1,624,918; Apr. 19.
Blank, Merton H., Indianapolis, Ind. Internal-combustion engine. 1,625,189; Apr. 19.
Bletcher, Ralph E., and E. H. Bucknell, Los Angeles, Calif. Silencer or flow regulator for valves, faucets, and the like. 1,625,589; Apr. 19.
Bludworth, William D., Sacramento, Calif. Goat and darkie toy. Des. 72,470; Apr. 19.
Blunt, Toran, Chicago, Ill. Hot-water bag. 1,625,018; Apr. 19.
Boardman, Frank E., assignor of one-half to P. P. Williams, Memphis, Tenn. Apparatus for controlling elevators. 1,625,073; Apr. 19.
Bobo, Edward H., Ranger, Tex. Rheostat. 1,625,703; Apr. 19.
Bohn, Harry E., and R. H. Fauquier, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Molding phenol plastic or like compounds. 1,625,449; Apr. 19.
Bollinger, Charles, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Furnace. 1,625,450; Apr. 19.
Bommer, Emil, Brooklyn, N. Y. Pivot spring hinge. 1,624,919; Apr. 19.
Bonilla, Benjamin M., New Orleans, La. Life-saving means for sunken ships. 1,625,704; Apr. 19.
Booth, Herbert L., Beverly Hills, Calif. Wave motor. 1,625,519; Apr. 19.
Borack, Louis. (See Nadworney, Charles, assignor.)
Bosley, Maurice E., Chicago, Ill. Weather stripping. 1,625,764; Apr. 19.
Bouchard, Arsene J., Providence, R. I. Banjo. 1,625,387; Apr. 19.
Bourgon, Joseph H., Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Ventilator. 1,624,907; Apr. 19.
Bowman, Lewis N., assignor of one-eighth to H. H. Harrison and one-eighth to A. R. White, Chicago, Ill. Liquid fuel. 1,625,236; Apr. 19.
Bowman, Lewis N., assignor of one-eighth to H. H. Harrison and one-eighth to A. R. White, Chicago, Ill. Liquid fuel. 1,625,237; Apr. 19.
Bowman, Oliver S., Colorado Springs, Colo. Vertical fire-tube boiler. 1,624,908; Apr. 19.
Bowman, Oliver S., Colorado Springs, Colo. Ash-handling equipment. 1,624,908; Apr. 19.
Boynton, Oliver R., St. Louis, Mo. Toilet-paper-roll holder. 1,625,190; Apr. 19.
Braden, Albert R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making dies. 1,624,920; Apr. 19.
Bradley, Catherine and L. M., Bathurst, New Brunswick, Canada. Waxed milk-bottle stopper made of pasteboard. 1,625,706; Apr. 19.
Bradley, John J., West Springfield, Mass. Sash fastener. 1,625,238; Apr. 19.
Bradley, Lillian M. (See Bradley, Catherine and L. M.)
Brady, Thomas, East Orange, N. J., assignor, by mesne signments, to Otis Elevator Company, New York, N. Y. Door closer. 1,624,910; Apr. 19.
Brady, Thomas, East Orange, N. J., assignor, by mesne assignments, to Otis Elevator Company, New York, N. Y. Door closure. 1,624,911; Apr. 19.
Brenzinger, Julius, Fairfield, and P. H. Lange, assignors to The Max Ams Machine Company, Bridgeport, Conn. Heading machine and body-conveying means. 1,625,039; Apr. 19.
Bridgeport Brass Company. (See Oakley, Erastus G., assignor.)
Briggs Manufacturing Company. (See Maise, Herman C., assignor.)
Brill, J. G., Company, The. (See Adams, Walter S., assignor.)
Broadmeyer, Albert, assignor to The W. O. Hickok Mfg. Company, Harrisburg, Pa. Paper-feeding apparatus. 1,624,912; Apr. 19.
Broadmeyer, Albert, assignor to The W. O. Hickok Manufacturing Company, Harrisburg, Pa. Feeding mechanism for ruling machines and the like. 1,625,239; Apr. 19.
Brophy, James M., Hattiesburg, Miss. Sawmill-dog-actuating mechanism. 1,625,240; Apr. 19.
Broughton, Winn E., assignor to The Turner Tanning Machinery Company, Peabody, Mass. Leather-working machine. 1,624,921; Apr. 19.
Brown, Alfred B., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for drying and storing material. 1,625,451; Apr. 19.
Brown, Frank. (See Snowdon, C., and Brown.)
Brown, Max, Brooklyn, N. Y., assignor to Royal Metal Lighting Fixture Co., Inc. Lighting-fixture strap. Des. 72,471; Apr. 19.
Brown, Perry O., assignor of one-half to G. V. Backstrom, St. Vincent, Minn. Railway switch. 1,625,241; Apr. 19.
Broyles, Leo T., Entiat, Wash. Wrench. 1,624,922; Apr. 19.
Brunner, Theodore P., Los Angeles, Calif. Escape trick device. 1,625,452; Apr. 19.
Bruno, C., & Son, Inc. (See Stark, Theodore H., assignor.)
Buchner, Winfield S., et al. (See Thurston, Charles B., assignor.)
Buckeye Incubator Company, The. (See Linhart, Lena E., assignor.)
Bucknell, Ernest H. (See Bletcher, R. E., and Bucknell.)
Burdsall, Raymond W., Gloucester Heights, N. J. Signal apparatus. 1,624,923; Apr. 19.
Burger, Frederick W. (See Stockfleth, B., and Burger.)
Burgess, Robert, Newton Center, assignor of one-half to J. H. Jones, Winthrop, Mass. Cap spinning frame. 1,625,520; Apr. 19.
Burgett, Orr, Scobey, Mont. Grain-mixing and chemical-treating machine. 1,625,521; Apr. 19.
Burlingame, Fred E., Pawtucket, R. I., assignor to Attleboro Braiding Co., South Attleboro, Mass. Lacing-tipping machine. 1,625,522; Apr. 19.

Burns, David E., deceased; Grand Rapids Trust Company, executor, assignor to C. G. Willett, Grand Rapids, Mich. Road-scraper-adjusting mechanism. 1,625,019; Apr. 19.
Butz, Walter D., Norristown, Pa. Stocking. 1,625,523; Apr. 19.
Caldwell, Erwin, Birmingham, Ala., assignor to Perry-Caldwell Manufacturing Company (Inc.) Blow-off device for steam boilers. 1,625,707; Apr. 19.
Caldwell, Truman S., assignor to Racine Horseshoe Tire Company, Racine, Wis. Tire. Des. 72,472; Apr. 19.
Caldwell, Truman S., assignor to Racine Horseshoe Tire Company, Racine, Wis. Tire. Des. 72,473; Apr. 19.
California Almond Growers Exchange. (See Bailey, David R., assignor.)
California Packing Corporation. (See Olivarius, Holger de F.)
Calvin, Edwin, Squantum, assignor to Bearfoot Sole Co. Inc., Boston, Mass. Shoe sole. Des. 72,474; Apr. 19.
Cameron, Cheever J., et al. (See Williams, Arthur J., assignor.)
Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Co. Brake mechanism. 1,624,924; Apr. 19.
Canfield, Robert W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for shaping glassware. 1,625,590; Apr. 19.
Cantori, Joseph, St. Charles, Ill. Window retainer. 1,625,295; Apr. 19.
Capuano, Crescenzo, Los Angeles, Calif. Pants and pocket ruler. 1,625,453; Apr. 19.
Capwell, Vernon L., Clinton, Ind. Razor-stropping device. 1,625,408; Apr. 19.
Cardwell, Thomas, Sedalia, Mo. Rail for locomotive stalls. 1,625,454; Apr. 19.
Carolyn Laundry. (See Lane, Edwin, assignor.)
Carr Fastener Company. (See Anderson, Andrew G., assignor.)
Carraine, Eugene, Philadelphia, Pa. Illuminated sign. 1,625,708; Apr. 19.
Cary Manufacturing Co. (See Cary, Spencer C., assignor.)
Cary Manufacturing Co. (See Frech, William F., assignor.)
Cary, Spencer C., Brooklyn, assignor to Cary Manufacturing Co., Brooklyn, N. Y. Wire-working machine. 1,624,925; Apr. 19.
Case, J. I., Threshing Machine Company. (See Dugan, Thomas, assignor.)
Case Research Laboratory Incorporated. (See Case, Theodore W., assignor.)
Case, Theodore W., assignor to Case Research Laboratory Incorporated, Auburn, N. Y. Light-reactive apparatus. 1,625,409; Apr. 19.
Caugherty, William E., Natrona, Pa., assignor, by mesne assignments, to Allegheny Steel Company, Brackenridge, Pa. Manufacture of steel sheets. 1,625,524; Apr. 19.
Cazares, Jose L., Los Angeles, Calif. Sensitizing print papers. 1,625,349; Apr. 19.
Chaffee, Emory L., Belmont, Mass. Modulating signaling currents. 1,625,296; Apr. 19.
Chandler, Daniel L., Worcester, assignor, by mesne assignments, to W. H. Whitcomb, Newton, Mass. Coin-controlled and change-making turnstile apparatus. 1,625,242; Apr. 19.
Chase, Earl G., Smethport, Pa. Mask for electric-light bulbs. 1,625,591; Apr. 19.
Chicago-Cleveland Car Roofing Company. (See Wright, William, assignor.)
Chilson, Lewis S., assignor to J. M. Fisher Company, Attleboro, Mass. Belt buckle. 1,625,388; Apr. 19.
Chovanec, Michael, Hazleton, Pa. Combination lid and lifting device. 1,624,926; Apr. 19.
Cincinnati Milling Machine Company, The. (See Nenninger, Lester F., assignor.)
Clark, Leverett M., assignor to Railway Improvement Company, New York, N. Y. Automatic lubricating device. 1,625,074; Apr. 19.
Clark, Theodore F. (See Anderson, M. F., and Clark.)
Clark Tructractor Company. (See Stockfleth, B., and Burger.)
Clarke, Charles W. E., New York, N. Y. Soot-blower connection. 1,624,927; Apr. 19.
Clement, Hans, New York, and G. S. Dey, Mount Vernon, N. Y., assignor to General Optical Company. Ophthalmological apparatus. 1,625,075; Apr. 19.
Cleveland Trust Company, The. (See Bewsick, William W., assignor.)
Cleveland Trust Company, The. (See De Voe, Albert H., assignor.)
Coene, Gaston E. (See Scheluto, J., and Furnemont, assignors.)
Collins, D. G., et al. (See Gardner, William R., assignor.)
Colman, Howard D., assignor to Barber-Colman Company, Rockford, Ill. Warp-drawing machine. 1,624,928; Apr. 19.
Colomb, Henri, Tavannes, Switzerland. Manufacturing process of making blanks for watch movements provided with jewel-insetting or plug holes. Re16,596; Apr. 19.
Colorgraph Laboratory, Inc. (See Hernandez, Mejia, Arturo, assignor.)
Columbia Phonograph Company. (See Hinckley, Frank C., assignor.)
Combustion Engineering Corporation. (See Nygaard, Oscar O., assignor.)
Comkle, William H. (See Corson, Henry J., assignor.)
Conant, Ellsworth T., and L. S. McLane, Honomu, Hawaii. Liquid-mixing apparatus. 1,625,592; Apr. 19.
Condon, Gertrude G., Oakland, Calif., assignor to The Hoover Company. Hand and finger protector. 1,625,191; Apr. 19.
Conrad, Bertha L. (See Conrad, Frederick, assignor.)
Conrad, Frederick, assignor of one-half to B. L. Conrad, Bogota, N. J. Sediment trap for boilers. 1,625,709; Apr. 19.
Conti, Eugene, Cliffside Park, N. J., assignor to A. Herz, New Rochelle, N. Y. Machine for forming, printing, and assembling envelopes. 1,625,350; Apr. 19.
Cooper, Irving S. (See Méndez, Ciro F., assignor).
Cooper, James H. (See Stukenborg, L. C., and Cooper.)
Cooper, Joseph M., Denver, Colo. Candy box. 1,625,192; Apr. 19.
Copilovich, Jacob, St. Paul, Minn. Automatic lighting means for gas stoves. 1,625,297; Apr. 19.
Copilovich, Jacob, St. Paul, Minn. Gas stove. 1,625,298; Apr. 19.
Corry, John S., San Pedro, Calif. Vanity case. 1,625,455; Apr. 19.
Corson, Henry J., assignor of one-half to W. H. Comkle, Orville, Wash. Trap. 1,625,710; Apr. 19.
Cortz, Louis, Long Beach, Calif. Quick-action waffle iron. 1,625,243; Apr. 19.
Coryell, Charles N., New York, N. Y. Compact case. 1,625,114; Apr. 19.
Costello, Frank T., Vacaville, Calif., assignor to Standard Spray Pump Company. Plunger pump. 1,625,299; Apr. 19.
Cotton, Walter H., assignor to Union Draft Gear Company, Chicago, Ill. Draft gear. 1,624,929; Apr. 19.
Cound, Samuel R. (See Davies, H. L., and Cound.)
Cox, George W., jr., assignor to National Assorting Company, Washington, D. C. Sorting device. 1,625,711; Apr. 19.
Crabtree, David. (See Spink, A., and Crabtree.)
Cramblet, Paul K., Beloit, Wis. Switch. 1,625,456; Apr. 19.
Cramer, Henry B., San Diego, Calif. Baking pan. 1,625,525; Apr. 19.
Cremieu, Victor, Colombieres-sur-Orb, France. Apparatus for cooling by the expansion of gases. 1,625,712; Apr. 19.
Cresco Creamery Supply Co. (See Ratezenstein, William, assignor.)
Cromble, Charles G. (See Shields, B. F., Cromble, and Windell.)
Cronan, James W., Portageville, Mo. Harness buckle. 1,625,389; Apr. 19.
Cross, Lester H., assignor to C. M. Smillie & Company, Detroit, Mich. Tire cover. 1,625,593; Apr. 19.
Cullison, John F., Oberlin, Kans. Corn knife. 1,625,713; Apr. 19.
Curtin, David F., assignor, by mesne assignments, to The Vortex Mfg. Co., Chicago, Ill. Container for paper cups. 1,625,193; Apr. 19.
Curtin, Leo P., Freehold, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Wood preservative. 1,624,930; Apr. 19.
Cutler-Hammer Mfg. Co., The. (See Layman, Frank E., assignor.)
Cutler-Hammer Mfg. Co., The. (See Packard, Horace N., assignor.)
Cutler-Hammer Mfg. Co., The. (See Re Qua, Frederick L., assignor.)
Cutler-Hammer Mfg. Co., The. (See Seeger, Edwin W., assignor.)
Daddisman, Reginald A. (See Barrymore, O. C., and Daddisman.)
Dalton Adding Machine Company, The. (See Tingley, Bruce H., assignor.)
Daniels, Lee G., Rockford, Ill. Oil and gas burner. Re16,601; Apr. 19.
D'Annunzio, Harry C. (See Amodio, Robert, assignor.)
Dapron, Joseph M., St. Louis, Mo., assignor to National Pneumatic Company, New York, N. Y. Air engine. 1,625,457; Apr. 19.
Darkins, Samuel P., Pittsburgh, Pa. Trunk hasp. 1,625,351; Apr. 19.
Darrow, Benjamin H., Woodstock, assignor to The Sani-Tabl-Tub Company, Alliance, Ohio. Tub. Re16,597; Apr. 19.
Daugert, Peter, Wilkes-Barre, H. Frey, Kingston, and J. J. Dunleavy, Plymouth, Pa. Thread cleaner. 1,625,352; Apr. 19.
Davey, Albert I., et al. (See Leach, William W., assignor.)
Davey, Francis A., et al. (See Leach, William W., assignor.)
Davey, Harold, et al. (See Leach, William W., assignor.)
Davey, James G., et al. (See Leach, William W., assignor.)
Davey, John, et al. (See Leach, William W., assignor.)
Davey, Samuel, et al. (See Leach, William W., assignor.)

Davey, Schuyler, Stillwater, N. Y. Power fork. 1,625,526; Apr. 19.
Davey, William H., et al. (See Leach, William W., assignor.)
Davies, Hector L., Gowerton, near Swansea, England, and S. R. Cound, Aberavon, Wales. Rolling mill for the production of metal sheets or plates. 1,624,931; Apr. 19.
Davin, S. V. (See Talbot, James A., assignor.)
Davis, Alex B. (See Pennington, M. E., and Davis.)
Davis, Cleveland G., Grand Rapids, Mich. Apparatus for washing ice-cream cans. 1,625,300; Apr. 19.
Deere & Company. (See Neighbour, Leonard B., assignor.)
Deere & Company. (See Paul, William L., assignor.)
Deer, John, Tractor Company. (See McCray, Harold E., assignor.)
De Laval Steam Turbine Company. (See Waller, Carl R., assignor.)
Demnitz, Albert, Dresden, Germany. Pneumatic sole-laying machine. 1,625,527; Apr. 19.
Dempsey, William L. (See Shickman, A. J., Thum, and Dempsey.)
Denning, Joseph M., Denver, Colo. Fence machine. 1,625,244; Apr. 19.
De Ram, Georges H. E., Boulogne-sur-Seine, France. Universal joint for shafts. 1,625,410; Apr. 19.
De' Sperati, Mariano, Turin, Italy, assignor to Argentographica (U. S. A.), Limited, London, England. Photocollographic printing plate and producing the same. 1,625,714; Apr. 19.
Deutsche Werke Aktiengesellschaft. (See Altwickler, Carl, assignor.)
De Voe, Albert H., Westfield, N. J., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Round fabric belting and its manufacture. 1,624,932; Apr. 19.
De Wallace, Harry, Syracuse, assignor to W. M. Weeks and J. A. Pease, Skaneateles, N. Y. Bottle closure. 1,625,594; Apr. 19.
Dey, Gilbert S. (See Clement, H., and Dey.)
Dey, Gilbert S., Mount Vernon, N. Y., assignor to General Optical Company, Inc. Optical test chart. 1,625,076; Apr. 19.
Diago, Federico G., Habana, Cuba. Airplane launching and landing apparatus. 1,625,020; Apr. 19.
Diamond, Phillip. (See Rigby, Albert, assignor.)
Dick, Charles F., executor. (See Dick, Joseph.)
Dick, Joseph, deceased, by C. F. Dick, executor, assignor to The Joseph Dick Manufacturing Company, Canton, Ohio. Fodder cutter. 1,625,194; Apr. 19.
Dick, Joseph, Manufacturing Company, The. (See Dick, Joseph, assignor.)
Dickey, Samuel J., Los Angeles, Calif., assignor to General Petroleum Corporation of California. Process of and apparatus for treating one liquid by another. 1,625,195; Apr. 19.
Dickinson, Albert G. (See Simpson, Ward T., assignor.)
Dictaphone Corporation. (See Renholdt, John E., assignor.)
Dillon, Joseph H., Wilmette, assignor to Dillon Pulley Co., Chicago, Ill. Pulley. 1,625,640; Apr. 19.
Dillon Pulley Co. (See Dillon, Joseph H., assignor.)
Dodge, Arthur H., assignor to The J. G. Wilson Corporation, New York, N. Y. Offsetting support for Venetian blinds. 1,625,021; Apr. 19.
Donahoe, John A., Pittsburgh, Pa. Container for foods. 1,625,196; Apr. 19.
Donner, Philip C., Summit, N. J. Carroting fur and treating the same. 1,625,458; Apr. 19.
Dorn, Edward C. (See Vogt, F. P., and Dorn.)
Dorsey, Herbert G., assignor to J. H. Hammond, jr., Gloucester, Mass. Receiving system for compressional waves. 1,625,245; Apr. 19.
Douglas-Pectin Corporation. (See Douglas, R., and Loesch, assignors.)
Douglas, Robert, and H. G. Loesch, assignors to Douglas-Pectin Corporation, Rochester, N. Y. Emulsification of oils and fats and products made therefrom. 1,625,641; Apr. 19.
Draper, George W., Bristol, Conn. Headlight. 1,625,246; Apr. 19.
Droitcour, Michael A., Providence, R. I. Method and mechanism for delivering and stacking sheets. 1,625,642; Apr. 19.
Dubost, Michel, Paris, France, assignor to F. Ducharne Silk Co. Inc., New York, N. Y. Textile fabric. Des. 72,475; Apr. 19.
Ducharne, F., Silk Co. Inc. (See Dubost, Michel, assignor.)
Dudley, Benjamin B., Visalia, and E. R. Dudley, Piedmont, Calif. Collapsing oil drill. 1,625,247; Apr. 19.
Dudley, Edward R. (See Dudley, Benjamin B. and E. R.)
Dugan, Thomas, Wichita, Kans., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Straw spreader. 1,625,353; Apr. 19.
Duncan, William M., Alton, Ill. Mechanical stoker. 1,625,077; Apr. 19.
Duncan, William M., Alton, Ill. Mechanical stoker. 1,625,078; Apr. 19.
Duncan, William M., Alton, Ill. Mechanical stoker. 1,625,079; Apr. 19.
Dunlap, John W., Modesto, Calif. Direction-signal casing. Des. 72,476; Apr. 19.
Dunleavy, John J. (See Daugert, P., Frey, and Dunleavy.)
Du Pont, E. I., de Nemours & Company. (See Jacobs, Charles B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Spotswood, J. B., and Gulick, assignors.)
Durkee, Henry E., Glastonbury, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Tap grinder. 1,624,933; Apr. 19.
Duro Company, The. (See Eisenhauer, Charles P., assignor.)
Eanes, Hugh P., Asheville, N. C., assignor to Paramount Machine Company. Rack for holding warp threads. 1,625,715; Apr. 19.
Eastlack, Oscar A., Camden, N. J. Lock and latch 1,625,595; Apr. 19.
Eckstein, Reuben, New York, N. Y. Electric-miniature-lamp holder. 1,625,248; Apr. 19.
Edison Electric Appliance Company. (See Randolph, Charles P., assignor.)
Edser, Edwin. (See Fowler, S., and Edser.)
Edwards, Charles, Lansford, Pa. Protector fence for highways. 1,625,716; Apr. 19.
Edwards, Charles. (See Smith, C. F., and Edwards.)
Eisenhauer, Charles P., assignor to The Duro Company, Dayton, Ohio. Water-softening apparatus. 1,625,197; Apr. 19.
Eisenhauer, Charles P., assignor to The Duro Company, Dayton, Ohio. Automatic water softener. 1,625,198; Apr. 19.
Electric Railway Equipment Company, The. (See Johnston, Lynn, assignor.)
Electrical Engineers Equipment Company. (See Lotz, Alfred F. C., assignor.)
Electro Metallurgical Company. (See Hambuechen, Carl, assignor.)
Electrol, Inc., of Missouri. (See Scott, Lewis L., assignor.)
Elliott, Elwin, and H. Roebuck, Shanghai, China. Thread guide for spinning, twisting, and winding machinery. 1,624,934; Apr. 19.
Elliott, Noah W., New Castle, Pa. Rolling metal. 1,625,643; Apr. 19.
El Paso Sash and Door Company. (See Evans, George, assignor.)
Engels, Eugene O., Saginaw, Mich., assignor to Baker-Perkins Company, Incorporated, White Plains, N. Y., doing business at Saginaw, Mich. Gas control for ovens. 1,624,935; Apr. 19.
Erdahl, Bernard F., Duluth, Minn. Producing algin compounds and products derived therefrom. 1,625,301; Apr. 19.
Ersted, Alfred J., Portland, Oreg. Clutch-engaging device. 1,625,769; Apr. 19.
Erwin, Weldon C., Yorba Linda, and C. H. Sweet, Brea, assignors to J. W. MacClatchie, Compton, Calif. Tong-operating safety appliance. 1,625,528; Apr. 19.
Estes, John H., and W. P. Williams, Fort Worth, Tex. Railway-crossing signal. 1,625,459; Apr. 19.
Evans, George, assignor to El Paso Sash and Door Company, El Paso, Tex. Ironing-board cabinet. 1,625,354; Apr. 19.
Evans, Maurice, Barnston Nebr. Cultivator. 1,625,302; Apr. 19.
Fairchild, Arthur B., Buhl, Idaho. Grease-cup valve. 1,625,717; Apr. 19.
Fairchild, Walter L., New York, N. Y. Pneumatic tube. 1,625,460; Apr. 19.
Falco, Mike, Canonsburg, Pa. Penholder. 1,625,115; Apr. 19.
Falk Corporation, The. (See Banner, Otto A., assignor.)
Fansteel Products Company. (See Baker, John C., assignor.)
Farah, Mansour, El Paso, Tex. Automobile lock. 1,625,249; Apr. 19.
Farbman, Israel, Philadelphia, Pa. Coat. 1,625,355; Apr. 19.
Farles, Charles L., Tippecano City, Ohio, assignor to American Telephone and Telegraph Company. Telegraph system. 1,624,936; Apr. 19.
Farmer, Isaac H., Montezuma, Iowa. Reversible disk-sharpening tongs. 1,625,199; Apr. 19.
Fauquier, Raymond H. (See Bohn, H. E., and Fauquier.)
Faurot, Joseph A. (See Wolfe, C. L., and Faurot.)
Fekete, Stephen I., and S. G. Balts, assignors to Hudson Motor Car Company, Detroit, Mich. Automobile engine. 1,625,718; Apr. 19.
Fenning, Louis T., Jackson, Ohio. Time-controlled electric-switch mechanism. 1,625,411; Apr. 19.
Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company. Waterbury, Conn. Single-pin socket. 1,625,303; Apr. 19.
Ferguson, Thomas M., Stillwater, Minn. Door-operating mechanism. 1,625,250; Apr. 19.
Ferrette, Louis, Paris, France. Automatic regulator for internal-combustion engines. 1,625,719; Apr. 19.
Files, Alvino F., Maumee, Ohio. Dispensing machine. 1,625,461; Apr. 19.
Finley, Dozier, Berkeley assignor to The Paraffine Companies, Inc., San Francisco, Calif. Emulsion and making the same. 1,625,304; Apr. 19.
Firestone Tire and Rubber Company, The. (See Stevens, Horace D., assignor.)
Fischer Motor Company. (See Spillman, Edward O., assignor.)

Fish, Samuel W., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Multiple-tool-spindle machine. 1,625,116; Apr. 19.
Fishback, F. M. (See Loy, James W., assignor.)
Fisher, George F., Roselle, N. J., assignor, by mesne assignments, to Morgan & Wright, Detroit, Mich. Manufacture of cushion tires. 1,625,644; Apr. 19.
Fisher, J. M., Company. (See Chilson, Lewis S., assignor.)
Fleischmann Company, The. (See Hildebrandt, F. M., and Frey, assignors.)
Floyd, Ray C., assignor to Unique Spark Plug Cleaner Co., Chicago, Ill. Spark-plug attachment. 1,624,937; Apr. 19.
Fodge, Buell, Detroit, Tex. Workholder. 1,625,251; Apr. 19.
Fonseca, Edward L., assignor, by mesne assignments, to The Wilcolator Company, Newark, N. J. Thermostatic oven control. 1,625,080; Apr. 19.
Ford, Edward, Plate Glass Company, The. (See Schutz, Harold R., assignor.)
Forde, Gerald, New York, N. Y. Advertising device. 1,625,305; Apr. 19.
Fornaca, Guido, Turin, Italy. Speed reducer for internal-combustion engines. 1,625,596; Apr. 19.
Fornaca, Guido, Turin, Italy. Forced-feed internal-combustion engine. 1,625,597; Apr. 19.
Forrest, Thomas W. W., Oakland, Calif., assignor to Sun-Maid Raisin Growers of California, Fresno, Calif. Pasteurizer. 1,625,529; Apr. 19.
Fort, Louis, Jersey City, N. J. Insulator. 1,625,645; Apr. 19.
Fousek, Joseph, San Francisco, Calif. Pastry dough. 1,625,022; Apr. 19.
Fowler, Stanley, Yorkshire, and E. Edser, London, England. Prevention of corrosion. 1,624,938; Apr. 19.
Fowler, Stanley, Yorkshire, and E. Edser, London, England. Lubricant. 1,624,939; Apr. 19.
Fox Automotive Products Corporation. (See Henke, Frederick W., jr., assignor.)
Franke, Henry C., Evanston, Ill., and R. C. Bangs, Providence, R. I. Baseball game. 1,625,200; Apr. 19.
Franklin Simon & Co. (See Siegel, Maude, assignor.)
Frattallone, Theodore R., Bronx, N. Y. Washing attachment for tubs. 1,625,306; Apr. 19.
Frauenthal, Harold, Cleveland, Ohio. Dimension gauge. 1,625,462; Apr. 19.
Frazier, Pearl G., Ankeny, Iowa. Rotary-valve structure. 1,625,307; Apr. 19.
Frech, William F., assignor to Cary Manufacturing Co., Brooklyn, N. Y. Machine for deforming wire in definite lengths. 1,624,940; Apr. 19.
Freegard, William, St. Louis, Mo., assignor to The Barber Asphalt Company, Philadelphia, Pa. Flexible shingle. 1,625,608; Apr. 19.
French, Frederick W., Oakland, Calif. Antproof shelf. 1,625,412; Apr. 19.
Freng, Johannes, and E. Bergve, Oslo, Norway. Producing a disinfecting or cleansing spray for hygienic and medical purposes. Re16,593; Apr. 19.
Freund, Robert R., Denver, Colo., assignor to Shotlite Corporation of America. Spotlight mounting. 1,625,413; Apr. 19.
Frey, Charles N. (See Hildebrandt, F. M., and Frey.)
Frey, Henry. (See Daugert, P., Frey, and Dunleavy.)
Friet, Fred L. and J., Parkers Prairie, Minn. Aluminum boat. 1,625,598; Apr. 19.
Friet, Joseph. (See Friet, Fred L. and J.)
Fritzsche, Hermann, E. Krummenacher, H. Gubler, and O. Kaiser, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Intermediate product for the synthesis of dyes and making same. 1,625,530; Apr. 19.
Fritzsche, Hermann, E. Krummenacher, H. Gubler, and O. Kaiser, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Intermediate product for the synthesis of azo dyes and making same. 1,625,531; Apr. 19.
Fritzsche, Hermann, E. Krummenacher, H. Gubler, and O. Kaiser, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Making intermediate products for the manufacture of azo dyes. 1,625,532; Apr. 19.
Fritzsche, Hermann, E. Krummenacher, H. Gubler, and O. Kaiser, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Intermediate product for the synthesis of azo dyes and making same. 1,625,533; Apr. 19.
Frye, William A., Kansas City, and F. Heady, Coffeyville, Kans., assignors to Sinclair Refining Company, New York, N. Y. Placard device. 1,625,309; Apr. 19.
Fulkerson, Nettie R., Fallon, Nev. Cake pan. 1,624,941; Apr. 19.
Fulton Iron Works Company. (See Hildebrand, Reinhard, assignor.)
Furnemont, Fernand J. J. (See Scheluto, J., and Furnemont.)
Gaco Corporation. (See Walters, Philip N., assignor.)
Gaddis, Francis, Merrick, N. Y. Aircraft. 1,625,646; Apr. 19.
Gaffney, John. (See Ryan, J. J., and Gaffney.)
Gangler, Paul, Esslingen, assignor to the Firm Fr. Hesser Maschinenfabrik-Aktiengesellschaft, Stuttgart-Cannstatt, Germany. Closing parcel. 1,625,720; Apr. 19.
Gardiner, William B., assignor of forty-eight one-hundredths to S. Marchese, Quincy, Mass. Adjustable sick bed. 1,625,534; Apr. 19.
Gardner, William R., assignor of one-tenth to W. B. Truslow and C. C. Post and one-tenth to D. G. Collins, Los Angeles, Calif. Vehicle spring hanger. 1,625,023; Apr. 19.
Gauthier, Ernest, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Diamond lap. 1,625,463; Apr. 19.
Gay, Frazer W., Newark, N. J. Electrical current-limiting system. 1,625,464; Apr. 19.
Gebert, Albert E. (See Richardson, M. H., and Gebert.)
Gehres, Hewitt A., Mount Vernon, Ohio. Cylinder and liner construction. 1,625,357; Apr. 19.
Geiger, Erwin A., Ridgewood, N. J., A. F. Schraegle, Ridgewood, and H. T. Jennings, Glendale, N. Y., assignors to Rapid Addressing Machine Company. Selective attachment for addressing machines. 1,625,358; Apr. 19.
Geist, Walter, assignor to Acme Clutch Company, Milwaukee, Wis. Friction clutch. 1,625,201; Apr. 19.
General Optical Company. (See Clement, H., and Dey, assignors.)
General Optical Company. (See Dey, Gilbert S., assignor.)
General Petroleum Corporation. (See Dickey, Samuel J., assignor.)
George, Ross F., Seattle, Wash. Pen. 1,624,942; Apr. 19.
Gerding, Edward A. (See Gerding, Herbert H., and E. A.)
Gerding, Herbert H., Newport, and E. A. Gerding, Fort Thomas, Ky. Bottle crate. 1,625,359; Apr. 19.
Gerrard, Alec J. (See Hintz, Leroy F., assignor.)
Gessert, Frederick, Jamaica, N. Y. Kick-back for bowling alleys. 1,625,599; Apr. 19.
Getty, Fred I., Jennings, La. Whipstock. 1,625,600; Apr. 19.
Geulen, Klara, née Schreiber, executrix. (See Geulen, Wilhelm.)
Geulen, Wilhelm, deceased; K. Geulen, née Schreiber, executrix, assignor to C. Herzog, Freiburg, Germany. Aseptic lighting torch. 1,625,356; Apr. 19.
Gibbs Utilities Company. (See Gibbs, William E., assignor.)
Gibbs, William E., East Orange, N. J., assignor to Gibbs Utilities Company, New York, N. Y. Oil burner. 1,624,943; Apr. 19.
Gillan, Gowan C., assignor to The Ontario Knife Co. Inc., Franklinville, N. Y. Display easel and tray. 1,625,647; Apr. 19.
Gilles, Richard L., Fargo, N. Dak. Evaporation meter. 1,625,310; Apr. 19.
Gillette Safety Razor Company. (See Nickerson, William E., assignor.)
Gilpin, Paul. (See Adle, H. P., and Gilpin.)
Gindick, Raymond H., Waukegan, Ill. Toothbrush cabinet. 1,625,202; Apr. 19.
Girton, Charles E. (See Woodall, W. T. and Girton.)
Glaze, Herbert L., South Pasadena, assignor of one-half to A. R. Maas Chemical Co., Los Angeles, Calif. Dispersing matter into finely-divided form. 1,625,203; Apr. 19.
Glenn, Ivo B., et al. (See Williams, Arthur J., assignor.)
Glenn, William F., jr., et al. (See Williams, Arthur J., assignor.)
Glietenberg, Eugen, Leverkusen, Germany, assignor to Grasselli Dyestuff Corporation, New York, N. Y. Azo dyestuff from aminodiphenylenoxide. 1,624,944; Apr. 19.
Glover, Charles A., Lincoln, Mass. Extension foot for ladders. 1,624,945; Apr. 19.
Goddard, Walter T., Hamilton, Ontario, Canada, assignor to Locke Insulator Corporation, Baltimore, Md. Insulator. 1,625,601; Apr. 19.
Godley, Charles E., Detroit, Mich., assignor, by mesne assignments, to C. M. Hall Lamp Company. Headlight construction. 1,625,648; Apr. 19.
Gold Dust Corporation. (See Van Sant, Robert H., assignor.)
Gollert, Reinhold, Charlottenburg, Germany. Manufacture of Semisoid Rubber Tires. 1,625,117; Apr. 19.
Gondolf, Nicholas J., New Orleans, La. Flushing tank. 1,625,311; Apr. 19.
Good Inventions Co. (See Good, John, assignor.)
Good, John, Garden City, assignor to Good Inventions Co., Brooklyn, N. Y. Vaporizing apparatus for internal-combustion engines. 1,625,312; Apr. 19.
Good, John, Garden City, assignor to Good Inventions Co., New York, N. Y. Combustion apparatus. 1,625,313; Apr. 19.
Gordon, Fred M. (See Rhodes, John J., assignor.)
Gorham, Sidney S., trustee. (See Tanner, Arnold J., assignor.)
Gottfried, Charles, New York, N. Y. Vienna-roll-forming machine. 1,625,649; Apr. 19.
Gottmanns, Karl, Hilden, Germany. Machining double conical work pieces. 1,625,650; Apr. 19.
Gould, Charles T. E., Detroit, Mich. Shoe lace. 1,625,204; Apr. 19.
Gould & Eberhardt. (See Zimmermann, William F., assignor.)
Gould, Harold G., and K. D. Obenshain, McKinney, Tex. Surgical appliance. 1,625,602; Apr. 19.

Graf, Adolph, Chicago, Ill. Steam-heated iron. 1,625,535; Apr. 19.
Grand Rapids Trust Company, executor. (See Burns, David E.)
Grant, Simon P., New Westminster, British Columbia, Canada. Lienman's lifting and hoisting device. 1,625,118; Apr. 19.
Grasselli Dyestuff Corporation. (See Gilletenberg, Eugen, assignor.)
Gray, Jane, Company. (See Stokes, Jane G., assignor.)
Green, Samuel G. (See Jervey, T. M., and Green.)
Gretsch, Frederick, Brooklyn, N. Y. Reed holder. 1,625,651; Apr. 19.
Griggs, Stephen A. (See Higbee, James F., assignor.)
Griscom, Alfred C., assignor to King Sanitary Pipe Cleaner Company, Sandy Hook, Conn. Cutter for milk-bottle seal rings. 1,625,603; Apr. 19.
Griscom-Russell Company, The. (See Price, Joseph, assignor.)
Grisler, Wendell P. (See Hoard, Milo C., assignor.)
Groesbeck, Harold L., Salt Lake City, Utah. Locking cap for tanks. 1,625,652; Apr. 19.
Gronner, George, Davenport, Iowa. Swivel pipe joint. 1,625,536; Apr. 19.
Gross, Benjamin, assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y. Finger ring or article of similar nature. Des. 72,477; Apr. 19.
Gross, Benjamin & Edward J. Co. Inc. (See Gross, Benjamin, assignor.)
Grout, Martin B., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Coil. 1,625,465; Apr. 19.
Grumme, William F., New York, N. Y. Internal-combustion engine. 1,625,205; Apr. 19.
Grunenwald, Etienne L., Paris, France. Electrical synchronizing system. 1,625,314; Apr. 19.
Gubler, Hans. (See Fritzsche, H., Krummenacher, Gubler, and Kaiser.)
Gulick, Harold M. (See Spotswood, J. B., and Gulick.)
Gullickson, Francis L., West Salem, Wis. Toothbrush. 1,625,537; Apr. 19.
Haas, Philip J., Omaha, Nebr. Weed and grass cutter. 1,625,081; Apr. 19.
Haeger, Milton O., assignor to Abell-Howe Co., Chicago, Ill. Conveyer-roller feed. 1,625,653; Apr. 19.
Hagan, George J., Company. (See Talley, Randal E., assignor.)
Hahn, Archie V. (See Macartney, J., and Hahn.)
Hahn, Edward J., Gridley, Kans. Tank cleaner. 1,625,721; Apr. 19.
Hall, C. M., Lamp Company. (See Godley, Charles E., assignor.)
Hall, Elbert J., Berkeley, Calif. Piston. 1,625,119; Apr. 19.
Hall, Elbert J., Berkeley, Calif. Piston. 1,625,120; Apr. 19.
Hall, Frederick, Plainfield, N. J., assignor to Berggren Engineering Corporation, Brooklyn, N. Y. Duplex strainer. 1,625,024; Apr. 19.
Hall, Theodore, assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Flaming-arc floodlight. 1,625,315; Apr. 19.
Hall, William B., assignor to Union Railway Equipment Company, Chicago, Ill. Supporting means for drop-brake shafts. 1,625,206; Apr. 19.
Hambuechen, Carl, St. Louis, Mo., assignor to Electro Metallurgical Company. Electrodeposition of chromium. Re16,598; Apr. 19.
Hamilton-Beach Mfg. Co. (See Osius, Frederick J., assignor.)
Hammond, John H., jr. (See Dorsey, Herbert G., assignor.)
Hammond, John H., jr., Gloucester, Mass. Control system for aircraft. 1,625,252; Apr. 19.
Hamnett, Samuel A., Los Angeles, Calif. Seal and making the same. 1,625,466; Apr. 19.
Hansen Canning Machinery Corporation. (See Hansen, Oswald H., assignor.)
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Engine. 1,625,654; Apr. 19.
Hansen, Oswald H., Port Washington, assignor to Hansen Canning Machinery Corporation, Cedarburg, Wis. Preserving fruit. 1,625,207; Apr. 19.
Harbeck, Martin, Grossflottbeck, near Hamburg, assignor to Heidenreich & Harbeck, Hamburg, Germany. Bevel-wheel-shaping device operating by rolling movements. 1,625,722; Apr. 19.
Harcourt, Martha D., administratrix. (See Harcourt, Stillwell R.)
Harcourt, Stillwell R., deceased, Chicago, Ill.; M. D. Harcourt, administratrix. Player-piano mechanism. 1,625,253; Apr. 19.
Hardie, Jessie, Albany, N. Y. Cooking kettle. 1,625,655; Apr. 19.
Harlow, Walter F., Lynchburg, Va. Laundry assorting rack. 1,625,316; Apr. 19.
Harrison, H. H., et al. (See Bowman, Lewis N., assignor.)
Hartford-Empire Company. (See Canfield Robert W., assignor.)
Hartford Rubber Works Company, The. (See Hopkinson, E., and Steinle, assignors.)
Hartmann, Max, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of physiologically-active substances from ovaries, corpus luteum, and placenta. 1,625,360; Apr. 19.
Harwick, Henry K., Philadelphia, Pa. Joint for articulated locomotives. 1,625,656; Apr. 19.
Haskell, Samuel, Brooklyn, N. Y. Hand bag or similar article. Des. 72,478; Apr. 19.
Hayes, Harvey C., Annapolis, Md. Microphone. 1,624,946; Apr. 19.
Hazard, Merlin C., assignor to Marvel Oil Tool Company, Huntingdon Beach, Calif. Rotary underreamer. 1,625,208; Apr. 19.
Hazell, Rupert A., Melbourne, Victoria, Australia. Musical instrument of the stringed type. 1,625,538; Apr. 19.
Hazeltine Corporation. (See Holborn, Frederick, assignor.)
Heady, Frank. (See Frye, W. A., and Heady.)
Heidenreich & Harbeck. (See Harbeck, Martin, assignor.)
Heinrichs, Jos., Corporation. (See Scavullo, Angelo C., assignor.)
Heintz, Ernest E. (See Archer, T. P., and Heintz.)
Helbig, Friedrich, Karlsruhe, Germany. Heating furnaces. 1,625,082; Apr. 19.
Henderson, James B., Lee, England. Gyrocompass. 1,625,361; Apr. 19.
Hendey Machine Company, The. (See Knight, George H., assignor.)
Henke, Frederick W., jr., assignor to Fox Automotive Products Corporation, Philadelphia, Pa. Lock for spare wheels of automobiles. 1,625,657; Apr. 19.
Henke, Frederick W., jr., assignor to Fox Automotive Products Corporation, Philadelphia, Pa. Automobile tire lock. 1,625,658; Apr. 19.
Hensbail, Percival P., assignor to John J. Nesbitt, Inc., Atlantic City, N. J. Motor-board suspension. 1,625,659; Apr. 19.
Hercules Powder Company. (See Norman, George M., assignor.)
Herman, Joseph. (See Blackwell, O. B., and Herman.)
Hernandez, Margaret N., administratrix. (See Herandez-Mejia, Arturo.)
Hernandez-Mejia, Arturo, deceased, New Rochelle; M. N. Hernandez, administratrix, assignor to Colorgraph Laboratory, Inc., New York, N. Y. Motion-picture photography and projection. 1,624,947; Apr. 19.
Hersee, Frederick C., Watertown, Mass. Constructing couplings for rheostats and the like. 1,625,604; Apr. 19.
Herskovitz, Max, deceased, Chicago, Ill.; W. Herskovitz and C. Weinfeld, executors; said W. Herskovitz now by judicial change of name William Herst. Illuminated ornamental device. 1,625,539; Apr. 19.
Herskovitz, William, et al., executors. (See Herskovitz, Max.)
Herst, William. (See Herskovitz, Max.)
Hertzberg, Frank, Lomita, Calif. Automatic rotary spider bushing. 1,625,540; Apr. 19.
Herz, Alexander. (See Conti, Eugene, assignor.)
Herzog, Carl. (See Geulen, Wilhelm, assignor.)
Hese, Erich, Dahlem, near Berlin, Germany. Sanding device for power vehicles. 1,625,362; Apr. 19.
Hess, Francis M., Whiting, Ind. Apparatus for distilling hydrocarbons under pressure and a catalyzing agent. 1,625,467; Apr. 19.
Hesser, Fr., Maschinenfabrik-Aktiengesellschaft. (See Gangler, Paul, assignor.)
Hickok, W. O., Manufacturing Company, The. (See Broadmeyer, Albert, assignor.)
Hiering, William C., Newark, N. J., and E. J. Walter, New York, N. Y., assignors to J. E. Mergott Co., Newark, N. J. Bag-frame fastener. 1,625,605; Apr. 19.
Higbee, James F., assignor of one-half to S. A. Griggs, Detroit, Mich. Trailer. 1,625,209; Apr. 19.
Hildebrand, Reinhard, Webster Groves, Mo., assignor to Fulton Iron Works Company, St. Louis, Mo. Fuel injector for internal-combustion engines. 1,625,606; Apr. 19.
Hildebrandt, Frank M., and C. N. Frey, Pittsburgh, Pa., assignors, by mesne assignments, to The Fleischmann Company. Treating and preparing yeast and the product thereof. 1,625,121; Apr. 19.
Hinckley, Frank C., Stratford, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Sound record. 1,625,705; Apr. 19.
Hinderliter, Frank J., Tulsa, Okla. Swivel bailer top. 1,624,948; Apr. 19.
Hines, O'Dell, Burnsville, Miss. Spring wheel. 1,625,025; Apr. 19.
Hintz, Leroy F., Chicago, Ill., assignor to A. J. Gerrard, Menlo Park, Calif. Method of and apparatus for bracing and securing merchandise packages for transit. 1,624,949; Apr. 19.
Hoard, Milo C., assignor to W. P. Grisler, Stryker, Ohio. Combined undertaker's slumber bed, cooling board, and casket support. 1,624,950; Apr. 19.
Hodde, William, Golden City, Mo. Gate construction. 1,625,254; Apr. 19.
Hodgkinson, Francis, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Elastic-fluid turbine. 1,625,541. Apr. 19.
Hodgson, Harriette E., New York, N. Y. Artificial hand. 1,625,317; Apr. 19.
Hoe, R., and Co. (See Sheldon, Edward P., assignor.)

Hofer, Bert G. (See Wagner, C. E., and Hofer.)
Hoffman, Herman F. (See McLellan, Joseph R., assignor.)
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Limit stop for shiftable platens. 1,625,607; Apr. 19.
Holborn, Frederick, Hoboken, assignor to Hazeltine Corporation, Jersey City, N. J. Electron-emitting cathode and preparing the same. 1,625,776; Apr. 19.
Holden, Luman, Manchester, N. H., assignor to W. H. McElwain Company, Boston, Mass. Machine for inserting fastenings. 1,625,363; Apr. 19.
Holland, Joseph B., Baltimore, Md. Reversing gear for locomotives. 1,625,364; Apr. 19.
Holmes, George A., Naugatuck, Conn. Machine for shoe soles. 1,625,026; Apr. 19.
Holmes, Roy T., Athens, Ga. Composition for killing certain weeds. 1,625,608; Apr. 19.
Holthouse, Harry B., Chicago, Ill. High-tension circuits. 1,624,951; Apr. 19.
Holtom, Albert O., Rochester, assignor to H. E. Zimmerman, New York, N. Y. Automobile radiator casing. Des. 72,479; Apr. 19.
Homyer, Nicholas R. and W. M., Granite City, Ill. Glare deflector for headlights. 1,625,660; Apr. 19.
Homyer, William M. (See Homyer, Nicholas R. and W. H.)
Hoover Company, The. (See Dondon, Gertrude G., assignor.)
Hoover Company, The. (See Leahy, William P., assignor.)
Hopkinson, Ernest, New York, and W. J. Steinle, Flushing N. Y.; said Steinle assignor to The Hartford Rubber Works Company, Hartford, Conn. Manufacturing tire casings for motor vehicles. 1,625,122; Apr. 19.
Horten, Alphons, Berlin-Wilmersdorf, Germany. Device for the production of concrete pipes and especially for devices for applying the concrete. 1,625,123; Apr. 19.
Hosford, William F., Oak Park, Ill., assignor to Western Electric Company, Incorporated. Method of and apparatus for drying and storing dried material preparatory to processing. 1,625,468; Apr. 19.
Hosford, William F., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Tape or ribbon working machine. 1,625,469; Apr. 19.
Hostettler, Fritz, Bern, Switzerland. Preparation of nonfermented beverages. 1,625,542; Apr. 19.
House, Henry A., Bridgeport, Conn. Link belting. 1,625,609; Apr. 19.
Hudgins, Burnie, Kenova, W. Va. Hose holder. 1,625,255; Apr. 19.
Hudson Motor Car Company. (See Fekete, S. I., and Baits, assignors.)
Hull, Lewis M., Mountain Lakes, and R. W. Seabury, assignors to Radio Frequency Laboratories, Incorporated, Boonton, N. J. Inductive coupling device. 1,625,723; Apr. 19.
Hulse, Thomas W., Inver Grove, Minn. Animal trap. 1,625,027; Apr. 19.
Hult, John A., assignor to The American Multigraph Company, Cleveland, Ohio. Paper detector for printing machines. 1,625,256; Apr. 19.
Humble Oil and Refining Company. (See Ricker, Norman H., assignor.)
Huntington, Arthur S., Omaha, Nebr. Jar handle and producing same. 1,625,210; Apr. 19.
Hussey, William A. (See Masters, F. E., and Hussey.)
Huszti-Horvath, Ferdinand, New York, N. Y. Photographic album. 1,625,724; Apr. 19.
Hutchison, Charles B., Parsons, Kans. Speed-controlling mechanism for motors. 1,625,543; Apr. 19.
Hyatt, Charles H., Cottagewood, Minn. Traction device for motor vehicles. 1,625,028; Apr. 19.
Hydro Refrigerator Company. (See Potter, Thomas I., assignor.)
Hymans, Frederick, Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Compensating rope for hoisting apparatus. 1,625,083; Apr. 19.
Hymans, Frederick, Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Roping for hoisting apparatus. 1,625,084; Apr. 19.
Imperial Brass Manufacturing Company, The. (See McIntosh, Robert D., assignor.)
Imperial Brass Manufacturing Company, The. (See Rudolph, Walter J., assignor.)
Ingersoll Milling Machine Company, The. (See Fish, Samuel W., assignor.)
Ingersoll Milling Machine Company, The. (See Malone, Frank J., assignor.)
Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
Ingersoll-Rand Company. (See Prellwitz, William, assignor.)
Ingham, Howard T., assignor of one-fourth to L. Kraus, H. T. Ingham, and G. Schaefer, trustees of the trust doing business as The Universal Harvester Company, Kansas City, Mo., and one-fourth to Universal Harvester Corporation. Standing-grain thrasher. 1,625,365; Apr. 19.
Ingham, Howard T., et al, trustees. (See Ingham, Howard T., assignor.)
Ingolfarud, Leif J., and W. H. Soule, Coniston, Ontario, Canada. Apparatus for separating magnetic material from nonmagnetic material. 1,625,257; Apr. 19.
International Motor Company. (See Reid, J. E., and Nein, assignors.)
Irvin Air Chute Co. (See Irvin, Leslie L., assignor.)
Irvin, Leslie L., assignor to Irvin Air Chute Co., Buffalo, N. Y. Method and apparatus for providing parachute shroud lines. 1,625,725; Apr. 19.
Jackson Petroleum Mator Company, The. (See Jackson, Terence G., assignor.)
Jackson, Terence G., Rockford, Ill., assignor to The Jackson Petroleum Motor Company, Augusta, Me. Internal-combustion engine. 1,624,952; Apr. 19.
Jacobs, Charles B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Furnacing in thermo-chemical treatment and apparatus therefor. 1,625,610; Apr. 19.
Jahr, Arthur A., Forest Park, assignor of one-half to A. E. Schultz, Chicago, Ill. Window. 1,625,611; Apr. 19.
Janosek, Albin B., Corpus Christi, Tex. Harrow. 1,625,318; Apr. 19.
Jauch, Robert J., Fort Wayne, Ind. Paper-tube-making machine. 1,625,470; Apr. 19.
Jauch, Robert J., Fort Wayne, Ind. Tube ironing and gripping device. 1,625,471; Apr. 19.
Jeffrey Manufacturing Company, The. (See Liggett, William K., assignor.)
Jelbert, Martin, jr., Lead, S. Dak. Piston-ring contractor. 1,625,258; Apr. 19.
Jennings, Henry T. (See Geiger, E. A. Schraegle, and Jennings.)
Jensen, Carl C., Chicago, Ill. Fastening device. 1,625,612; Apr. 19.
Jensen, Nels, Grass Valley, Calif. Display rack. 1,625,544; Apr. 19.
Jervey, Thomas M., Aberdeen, Md., and S. G. Green, Gray, Ga. Mount for machine guns. 1,625,124; Apr. 19.
Jessup & Moore Paper Co., The. (See Plumstead, Joseph E., assignor.)
Johnson, Gustave T., Chicago, Ill. Balancing machine. 1,625,259; Apr. 19.
Johnson, Robert H., Washington, D. C. Vaporizer for gasoline engines. 1,625,661; Apr. 19.
Johnson, Thomas L., Charleston, W. Va. Coal-loading machine. 1,625,726; Apr. 19.
Johnson Washer Company. (See Schuyler, Frank B., assignor.)
Johnston, Lynn, assignor to The Electric Railway Equipment Company, Cincinnati, Ohio. Cable and trolley clamp. 1,625,366; Apr. 19.
Jones, Edward P., Breckenridge, Colo. Electric-driven rock drill and automatic hammer and boring machine. 1,625,211; Apr. 19.
Jones, Joseph H. (See Burgess, Robert, assignor.)
Jones, Leo D., and A. U. Ayers, assignors to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal machine. 1,625,613; Apr. 19.
Jones, Morris. (See Metcalf, R., and Jones.)
Joniscik, Steven. (See Schnur, J. M., Kesselring, Schnur, and Joniscik.)
Jonkhoff, Henri W., Semarang, Java, Dutch East Indies. Brake device. 1,625,727; Apr. 19.
Jordan, William C., Madison, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,624,953; Apr. 19.
Judson, Russell V., Detroit, Mich. Portable apparatus for cleaning and grading grain, seed, and the like. Re16,600; Apr. 19.
Junkers, Hugo, Dessau, Germany. Erection of wings and the like for flying machines. 1,625,029; Apr. 19.
Kaiser, Otto. (See Fritzsche, H., Krummenacher, Gubler, and Kaiser.)
Kammerer Corporation. (See Kammerer, George, assignor.)
Kammerer Corporation. (See Reilly, J. B., and Stone, assignors.)
Kammerer, George, Fullerton, assignor to Kammerer Corporation, Brea, Calif. Tool for cutting and removing pipe from wells. 1,625,414; Apr. 19.
Karas, Leland L., Chicago, Ill. Coil and support for same. 1,625,212; Apr. 19.
Karmazin, John, East Amherst, assignor to Laminated Shim Company, Inc., Long Island City, N. Y. Shim. 1,625,545; Apr. 19.
Kast, Harry L., Fort Wayne, Ind. Folding hook. 1,625,662; Apr. 19.
Katz, Frank, Brooklyn, assignor to Anchor Manufacturing Company, New York, N. Y. Plate or similar article. Des. 72,480; Apr. 19.
Kautzky, Joe, jr., Fort Dodge, Iowa. Automatic single-trigger mechanism for double-barrel guns. 1,625,546; Apr. 19.
Kaye, John A., Sault Ste. Marie, Ontario, Canada. Billiard compass. 1,625,770; Apr. 19.
Keane, Francis B. (See Papst, Hermann, assignor.)
Keistler, Charles F. (See Kelly, William H., assignor.)
Keller, Ernest U., Pawhuska, Okla. Drill bit. 1,626,030; Apr. 19.
Kellogg Switchboard and Supply Company. (See Grout, Martin B., assignor.)
Kelly, William A., assignor of one-half to F. J. Timmerman, Green Bay, Wis. Pulp-web cutter. 1,625,472; Apr. 19.
Kelly, William H., assignor of one-third to C. F. Keistler, Charlotte, N. C. Humidifier. 1,625,663; Apr. 19.

Kempf, Conrad, assignor to Suddeutsche Christbaumschmuck- u. Reflektoren Gesellschaft mit beschränkter Haftung, Nuremberg, Germany. Reflector for Chirstmas-tree decoration. Des. 72,481; Apr. 19.

Kenerson, Joseph E., Saugus, assignor to Trimont Manufacturing Company, Roxbury, Mass. Apparatus for securing vises to posts, poles, or the like. 1,625,319; Apr. 19.

Kennon, Louis H., and L. J. Langdon, Houston, Tex. Valve. 1,625,367; Apr. 19.

Kenworthy, James A., Los Angeles, Calif. Oil burner. 1,625,320; Apr. 19.

Kerr, Harold H. (See O'Connell, J., and Kerr.)

Kessler, Archibald K., Huntington, W. Va. Emergency kit. 1,625,547; Apr. 19.

Kesselman, Louis P., Whittier, Calif. Oil pump. 1,625,031; Apr. 19.

Kesselring, Frank. (See Schnur, J. M., Kesselring, Schnur, and Jonlaclk.)

Kettler, Henry, Detroit, Mich. Recentering device. 1,625,032; Apr. 19.

Klug, Louise C., Cleveland, Ohio. Spectacles. 1,625,614; Apr. 19.

King Sanitary Pipe Cleaner Company. (See Griscom, Alfred C., assignor.)

Kirkpatrick, Robert S., Des Moines, Iowa, assignor to J. B. Ladd, Des Moines, Iowa. Caster centering and retaining device. 1,625,213; Apr. 19.

Kispert, Joseph J., Branford, assignor to I. Newman & Sons, Inc., New Haven County, Conn. Combined corset and brassière. 1,625,664; Apr. 19.

Klein, Michael A., Chicago, Ill. Bottle. 1,625,728; Apr. 19.

Klitenick, Mark. (See Turtle, D., and Klitenick.)

Knight, George H., assignor to The Hendey Machine Company, Torrington, Conn. Bull-gear inclosure for crank-shaping machines. 1,624,954; Apr. 19.

Knopp, John E., Tulsa, Okla. Box closer. 1,625,033; Apr. 19.

Knowles, George H., Minneapolis, Minn. Receptacle. 1,624,955; Apr. 19.

Knox, Walter F., Chicago, Ill. Radiator hanger. 1,625,473; Apr. 19.

Koblolke, Adolf M., Glideroy, Victoria, Australia. Apparatus for drying and seasoning timber. 1,625,548; Apr. 19.

Konishi Kotakudo Company. (See Tobita, Toshio, assignor.)

Koroknay, Paul, Houston, Tex. Signal lantern. 1,625,474; Apr. 19.

Kraus, Louis, et al., trustees. (See Ingram, Howard T., assignor.)

Kronenberg, Frederick W., Philadelphia, Pa. Steam boilers. 1,625,549; Apr. 19.

Kruger, Harry B. (See Stranders, Julien, assignor.)

Krum, John H., assignor of one-half to C. E. McGlocklin and E. D. Traver, Bonners Ferry, Idaho. Tongs. 1,625,729; Apr. 19.

Krummenacher, Eduard. (See Fritzsche, H., Krummenacher, Gubler, and Kaiser.)

Küchen, Nicolaus, Aachen, Germany. Brake for vehicles. 1,625,777; Apr. 19.

Kuhnel, Paul, San Francisco, Calif. Velocipede. 1,625,214; Apr. 19.

Kurda, Karl. (See Rüdenburg, R., and Kurda.)

Kurowski, Alfred G. F., Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,625,321; Apr. 19.

Kurz, Gustave A., Zanesville, Ohio. Hand covering. 1,625,368; Apr. 19.

Kuttes, Anthony, Alameda, Calif. Pliers. 1,625,615; Apr. 19.

Lacke, William A., Chicago, Ill. Spacing table. 1,625,215; Apr. 19.

Ladd, J. B. (See Kirkpatrick, Robert S., assignor.)

Laher, Frank J., Portland, Oreg. Vehicle bumper. 1,625,550; Apr. 19.

Lahey, John A., Sewaren, N. J. Fire-flame-coloring means. 1,625,475; Apr. 19.

Lake, Alexander H., Marshfield, Wis. Webbed hand for swimmers. 1,625,730; Apr. 19.

Lamblin, Alexandre, Paris, France. Cooling radiator for aeroplanes and other vehicles and its manufacture. 1,625,665; Apr. 19.

Laminated Shim Company. (See Karmazin, John, assignor.)

Lange, Paul H. (See Brenzinger, J., and Lange.)

Lane, Edwin, assignor to Carolyn Laundry, New York, N. Y. Laundry-handling device. 1,625,551; Apr. 19.

Landers, Frary & Clark. (See Smith, C. F., and Edwards, assignors.)

Langdon, Lowell J. (See Kennon, L. H., and Langdon.)

Langenberg, Frederick C. (See Solberg, John C., assignor.)

Large, Edward N., Ryderwood, Wash. Saw clamp. 1,625,666; Apr. 19.

Larsen, Mads M. Colton, Calif. Collapsible camp bed. 1,625,476; Apr. 19.

Lasker, William W., Brooklyn, N. Y., assignor to Powers Accounting Machine Corporation, New York, N. Y. Print-bar mechanism. 1,624,956; Apr. 19.

Latour Corporation. (See Latour, Marius, assignor.)

Latour, Marius, Paris, France, assignor to Latour Corporation, Jersey City, N. J. Electrical conductor. 1,625,125; Apr. 19.

Lawner, Nicholas, Brooklyn, N. Y., assignor to American Sundries Co., Inc. Vaporizer. 1,625,034; Apr. 19.

Layman, Frank E., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Molded handle and the like. 1,625,322; Apr. 19.

Leach, William W., assignor to W. H. Davey, A. I. Davey, S. Davey, J. Davey, F. A. Davey, and J. G. Davey, Mansfield, Ohio, and H. Davey, Detroit, Mich. Feeder for sheet metal or the like. 1,625,085; Apr. 19.

Leahy, William P., Canton, Ohio, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Electric-cord anchorage. 1,625,477; Apr. 19.

Lee Alexander F., Boston, Mass. Handle for cooking utensils. 1,625,731; Apr. 19.

Lee, Charles M., Shreveport, La. Mirror adjuster. 1,625,260; Apr. 19.

Lee, Clarie M., Elyria, Ohio, assignor of one-half to G. W. Lee, Wauseon, Ohio. Automatic gas valve. 1,625,323; Apr. 19.

Lee, George W. (See Lee, Claire M., assignor.)

Lee, Walter D., Grand Junction, Colo. Brushing and polishing machine. 1,625,667; Apr. 19.

Lefranc & Cie. (See Le France, Louis, assignor.)

Le Franc, Louis, assignor to Lefranc & Cie., Paris, France. Manufacture of butyric acids and other aliphatic acids. 1,625,732; Apr. 19.

Lemke, James, jr., Troy, N. Y. Sign. 1,625,216; Apr. 19.

Leon, Lewicki J. West Chicago, Ill. Birdcage. Des. 72,482; Apr. 19.

Lewis, Charles W., Portsmouth, N. H. Combined whip weight and buffer. 1,625,552; Apr. 19.

Lienhard, Leon V. (See Snodgrass, Joseph E., assignor.)

Liggett, William K., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Pulverizing machine. 1,625,553; Apr. 19.

Liggett, William K., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Pulverizing machine. 1,625,554; Apr. 19.

Lilienfeld, Leon, Vienna, Austria. Fluorescent oil and making same. 1,625,415; Apr. 19.

Lilienfeld, Leon, Vienna, Austria. Plastic and making same. 1,625,416; Apr. 19.

Lilley, Clarence E., Kansas City, Mo. Oil refiner for internal-combustion engines. 1,624,957; Apr. 19.

Lilly, Eli, and Company. (See Lilly, Eli, assignor.)

Lilly, Eli, and Company. (See Seaton, A., and Rader, assignors.)

Lilly, Eli, assignor to Eli Lilly and Company, Indianapolis, Ind. Hypodermic kit. 1,625,035; Apr. 19.

Lindemann, Marvin C., assignor to Bay View Furniture Company, Holland, Mich. Cabinet for radio receiving sets. 1,625,478; Apr. 19.

Linehan, Edwin R., River Falls, Wis. Vehicle signal. 1,625,733; Apr. 19.

Linhart, Lena E., Dawn, Mo., assignor to The Buckeye Incubator Company, Springfield, Ohio. Insulating smoke pipes. 1,625,734; Apr. 19.

Link, Vincent, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Internal-combustion engine. 1,625,201; Apr. 19.

Linquist, Richard A., Minneapolis, Minn. Transmission cover for Fords. 1,625,555; Apr. 19.

Listo Pencil Corporation. (See Webn, Charles E., assignor.)

Litho Etching Corporation. (See Monahan, James B., assignor.)

Locke, Edward B., assignor, by mesne assignments, to The Watson Experimental Laboratory Company, Dayton, Ohio. Counting scale. 1,625,126; Apr. 19.

Locks Insulator Corporation. (See Goddard, Walter T., assignor.)

Loesch, Hugo G. (See Douglas, R., and Loesch.)

Loesel, Nicholas, Richmond Hill, assignor to American Can Company, New York, N. Y. Separating device for can caps or the like. 1,625,262; Apr. 19.

Lomshakoff, Alexis S., Prague, Czechoslovakia. Fire grate. 1,625,556; Apr. 19.

London, David, Baltimore, Md. Clothes hamper. 1,625,668; Apr. 19.

Long, Austin M., Marshall, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Tack-supplying mechanism. 1,624,958; Apr. 19.

Long, Cornelia T. (See Taylor, A. H., Long, and Sohn.)

Long, Cornelia T., Winston-Salem, N. C., and A. C. Sohn, Pittsburgh, Pa., assignors to Taylor-Long Company, Charlotte, N. C. Bottle. Des. 72,483; Apr. 19.

Long, William B., assignor to Union Special Machine Company, Chicago, Ill. Presser foot for sewing machines. 1,625,616; Apr. 19.

Longville, Charles B., St. Paul, Minn. Oil burner. 1,625,217; Apr. 19.

Lorenz, Louis, New York, N. Y. Burning-in machine. 1,625,037; Apr. 19.

Lösel, Franz, Brunn, Czechoslovakia. Elastic-fluid turbine. 1,625,263; Apr. 19.

Loth, William A., assignor to Societe Industrielle des Procedes W. A. Loth, Paris, France. Method and device for rapidly solving ordinary problems of astronomic navigation. 1,625,369; Apr. 19.

Lotz, Alfred F. C., assignor to Electrical Engineers Equipment Company, Chicago, Ill. Rheostat. 1,625,479; Apr. 19.

Loudenslager, William J., New Martinsville, W. Va. Dough raiser. 1,625,036; Apr. 19.

Lougheed, Aaron, Port Arthur, Ontario, Canada. Differential drive. 1,625,264; Apr. 19.

Loughridge, Matthew H., Bogota, N. J. Valve for refrigerating apparatus. 1,625,324; Apr. 19.

Love, Thomas H., Cincinnati, Ohio. Receptacle for carrying infants. 1,625,038; Apr. 19.

Lowe, Richard T., assignor of one-half to B. I. Payne, Cedar Bluff, Va. Train-pipe coupler. 1,625,370; Apr. 19.

Loy, James W., assignor of one-third to F. M. Fishback, Long Beach, Calif. Air pump. 1,625,417; Apr. 19.

Lox Seal Corporation, The. (See Behrman, Marcus B., assignor.)

Lucas, Jonathan, Savannah, Ga., assignor to Lucas-Lamborn Loom Corporation, New York, N. Y. Tension device for looms. 1,625,039; Apr. 19.

Lucas-Lamborn Loom Corporation. (See Lucas, Jonathan, assignor.)

Ludy, Clarence C., Venice, Calif. Bag holder. 1,625,480; Apr. 19.

Lukens, Clarence D., St. Louis, Mo. Bottle closure. 1,625,617; Apr. 19.

Lundberg, Godfrey, Winnetka, assignor to The Tribune Company, Chicago, Ill. Plate carrier for multicolor cameras. 1,624,959; Apr. 19.

Lundy, Robert R., South Bend, Ind. Cross-word puzzle. 1,625,218; Apr. 19.

Lyon, John S., assignor of one-half to J. Bartholomew, Rochester, N. Y. Compact powder holder. 1,625,669; Apr. 19.

Lyon Metallic Manufacturing Company. (See O'Connor, John B., assignor.)

Mans, A. R., Chemical Co. (See Glaze, Herbert L., assignor.)

Macartney, Jack, and A. V. Hahn, Los Angeles, Calif. Acoustic horn. 1,625,325; Apr. 19.

MacClntchic, John W. (See Erwin, W. C., and Sweet, assignors.)

Macfarlane, Reginald (See Weinaug, E., and Macfarlane.)

MacLagan, Hector P., assignor to McIntosh Electrical Corporation, Chicago, Ill. Foot switch. 1,625,481; Apr. 19.

Macleod, Donald K. (See Austin, A. O., and Macleod.)

Mahon, R. C., Company, The. (See Miller, William G., assignor.)

Maise, Herman C., assignor to Briggs Manufacturing Company, Detroit, Mich. Support for door bumpers. 1,624,960; Apr. 19.

Malloy, William W., San Pedro, Calif. Golf court. 1,625,265; Apr. 19.

Malone, Frank J., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Milling machine for deseaming billets. 1,625,127; Apr. 19.

Manzel, Adolph W., assignor to Manzel Bros. Co., Buffalo, N. Y. Oil pump. 1,625,618; Apr. 19.

Manzel Bros. Co. (See Manzel, Adolph W., assignor.)

Marbelite Corporation of America. (See Barkschat, Henry, assignor.)

Marchese, Sebastiano. (See Gardiner, William B., assignor.)

Marcus, Benjamin H., Brooklyn, N. Y. Combined buckle and purse. 1,625,040; Apr. 19.

Marden, John W. (See Rentschler, H. C., and Marden.)

Marrette, Jacques, Vincennes, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Electric lamp for cinematographic apparatus. 1,625,619; Apr. 19.

Marshall, Guy E., Milwaukee, Wis. Investigating street occurrences. 1,625,041; Apr. 19.

Marshall, Thomas C., Mount Savage, Md. Tire. Des. 72,484; Apr. 19.

Marshall, Thomas C., Mount Savage, Md. Tire. Des. 72,485; Apr. 19.

Martin, Talbot G., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,625,482; Apr. 19.

Marvel Carbureter Company. (See Molony, Donald P., assignor.)

Marvel Oil Tool Company. (See Hazard, Merlin C., assignor.)

Marwin, Alfred C., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Casein glue. 1,625,483; Apr. 19.

Marx, Louis, Brooklyn, N. Y. Mechanically-operated toy. 1,625,326; Apr. 19.

Mason, Summer R., Wilmette, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Process of and apparatus for cleaning metal. 1,625,484; Apr. 19.

Mast, Charles O., Covington, assignor to Mast Lightning Rod Company, West Milton, Ohio. Rod coupling. 1,625,266; Apr. 19.

Mast Lightning Rod Company. (See Mast, Charles O., assignor.)

Masters, Frank E., and W. A. Hussey; said Hussey assignor to C. A. Mechling, Tulsa, Okla. Headrest. 1,625,267; Apr. 19.

Maston, Edward E., Chicago, Ill., assignor to Mid-West Box Company, Chicago, Ill. Packing unit for shipping cases. 1,625,620; Apr. 19.

Mathes, Virgil H., Indianapolis, Ind. Timer, 1,625,268; Apr. 19.

Matsushita, Gentaro, Selma, Calif. Automatic fire extinguisher. 1,625,086; Apr. 19.

Mattice, Royal, Bethlehem, Pa. Repairing broken metallic structures. Re16,599; Apr. 19;

Mattingly Automatic Valve Co. (See Mattingly, Charles F., assignor.)

Mattingly, Charles F., assignor to Mattingly Automatic Valve Co., St. Louis, Mo. Hydraulic brake. 1,625,418; Apr. 19.

Maurer, Michael, Spisska Nova Vos, Czechoslovakia. Drafting instrument. 1,625,735; Apr. 19.

Maurer, Oswald H., Flushing, assignor to Western Electric Company, Incorporated, New York, N. Y. Terminal for electric conductors. 1,625,485; Apr. 19.

Max Ams Machine Company, The. (See Brenzinger, J., and Lange, assignors.)

Maxwell, Frank D., Boise, Idaho. Hat. 1,625,670; Apr. 19.

Mayer, Leon, Chicago, Ill. Bill fold or similar article. Des. 72,486; Apr. 19.

McArdle, Michael W., Chicago, Ill. Spray nozzle. 1,625,042; Apr. 19.

McBee, Harry B., St. Louis, Mo. Loose-leaf binder. 1,624,961; Apr. 19.

McCaa, George S., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Breathing apparatus. 1,625,419; Apr. 19.

McCall, William H., Philadelphia, Pa. Knife sharpener. 1,625,219; Apr. 19.

McCann, Leland R., Hawthorne, N. J., assignor to American Can Company, New York, N. Y. Process and apparatus for forming side seams on container bodies. 1,625,269; Apr. 19.

McCarthy, Ernest F., Darien, Conn. Combination lamp and smoker's set. Des. 72,488; Apr. 19.

McClintock, Robert S., assignor of one-half to W. S. McClintock, Marianna, Ark. Cotton chopper. 1,625,087; Apr. 19.

McClintock, William S. (See McClintock, Robert S., assignor.)

McCray, Harold E., assignor to John Deere Tractor Company, Waterloo, Iowa. Internal-combustion engine. 1,625,043; Apr. 19.

McDonald, John P., Austin, Tex. Expansion joint. 1,625,557; Apr. 19.

McElwain, W. H., Company. (See Holden, Luman, assignor.)

McGlocklin, Charles E., et al. (See Krum, John H., assignor.)

McIlwaine, John, Virden, Ill. Cushion tire. 1,625,558; Apr. 19.

McIntosh Electrical Corporation. (See MacLagan, Hector P., assignor.)

McIntosh, Robert D., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Welding torch. 1,625,128; Apr. 19.

McKeown, William C., assignor to Modern Household Appliance Company, Baltimore, Md. Discharge manifold for pressure containers. 1,625,044; Apr. 19.

McKnight, John P., Revere, Mass. Apparatus for molding cementitious material. 1,625,486; Apr. 19.

McLane, Laurence S. (See Conant, E. T., and McLane.)

McLean, Joseph, South Manchester, Conn. Furnace. 1,624,962; Apr. 19.

McLellan, Joseph R., assignor of one-half to H. F. Hoffman, Wichita, Kans. Lock-actuated switch. 1,625,371; Apr. 19.

McMillan Book Company. (See Sterling, Harry C., assignor.)

McNerney, Bernard L., Minneapolis, Minn. Wrench. 1,625,559; Apr. 19.

Measuregraph Company, The. (See Turner, Douglas, assignor.)

Mechling, C. A. (See Masters, F. E., and Hussey.)

Mele, John M., East Haven, Conn. Single device. 1,624,963; Apr. 19.

Méndez, Ciro F., Mexico City, Mexico, assignor to I. S. Cooper, Los Angeles, Calif. Spring wheel. 1,625,270; Apr. 19.

Méndez, Ciro F., Mexico City, Mexico, assignor to I. S. Cooper, Los Angeles, Calif. Spring wheel. 1,625,271; Apr. 19.

Menefee, Gus, Atlanta, Ga. Boat retaining and releasing device. 1,625,736; Apr. 19.

Mergenthaler Linotype Company. (See Albrecht, Christian A., assignor.)

Mergott, J. E., Co. (See Hiering, W. C., and Walter, assignors.)

Mesker, Bernard T. (See Mesker, John and B. T.)

Mesker Brothers Iron Company. (See Mesker, John and B. T., assignors.)

Mesker, John and B. T., assignors to Mesker Brothers Iron Company, St. Louis, Mo. Window construction. 1,625,220; Apr. 19.

Messinger, Harry C. (See Page, Louis A., assignor.)

Metcalf, Robert, and M. Jones, Hazard, Ky. Hopper door. 1,625,671; Apr. 19.

Meyer, Emile, New York, N. Y. Woven fabric. Des. 72,487; Apr. 19.

Meyer, William, Chicago, Ill. Heater for curling irons and the like. 1,625,487; Apr. 19.
Meyers, Julius R., Evaston, Ill., assignor of one-half to C. A. Straubel Company, Green Bay, Wis. Apparatus for pressing cheese. 1,625,129; Apr. 19.
Meyers, Julius R., Evanston, Ill., assignor to C. A. Straubel Company, Green Bay, Wis. Making, curing and shipping cheese in metal bandages. 1,625,130; Apr. 19.
Mid-West Box Company. (See Maston, Edward E., assignor.)
Miller Company, The. (See Runge, Richard M., assignor.)
Miller, George L., assignor, by mesne assignments, to The Timken Roller Bearing Company, Canton, Ohio. Die. 1,625,131; Apr. 19.
Miller, William G., assignor to The R. C. Mahon Company, Detroit, Mich. Elevator door. 1,624,964; Apr. 19.
Milson, Charles E. (See Milson, John R., assignor.)
Milson, John R., Mansfield, Mass., assignor of one-fourth to C. E. Milson, Providence, R. I. Oiler for spinning machines. 1,625,488; Apr. 19.
Milton, John L., Louisville, Ky. Oscillating device. 1,625,132; Apr. 19.
Milwaukee Brass Manufacturing Company. (See Van Eweyk, William F., assignor.)
Mine Safety Appliances Company. (See McCaa, George S., assignor.)
Minimax Utilities Corporation. (See Routson, Howard W., assignor.)
Mjolsness, Haakon, Chaffee, N. Dak. Grain separator. 1,625,088; Apr. 19.
Modern Household Appliance Company. (See McKeown, William C., assignor.)
Mohler, Thomas B., Burlingame, Calif. Feul and making Same. 1,625,133; Apr. 19.
Mohnkern, Carl A., Curtis, Ark. Mail crane. 1,625,272; Apr. 19.
Mohnkern, Carl A., Curtis, Ark. Pouch-holding clamp for mail cranes. 1,625,273; Apr. 19.
Mohnkern, Carl A., Curtis, Ark. Mail crane. 1,625,274; Apr. 19.
Möller, Gustav, Dortmund, Germany. Sack closure. 1,625,772; Apr. 19.
Molony, Donald P., assignor to Marvel Carbureter Company, Flint, Mich. Automatic charge heating control for internal-combustion engines. 1,625,134; Apr. 19.
Molony, Donald P., assignor to Marvel Carbureter Company, Flint, Mich. Automatic charge-heating control for internal-combustion engines. 1,625,135; Apr. 19.
Monahan, James B., assignor to Litho Etching Corporation, New York, N. Y. Safety device for clutch mechanism. 1,625,045; Apr. 19.
Monard, Alfred, assignor to Societe l'Aster, Paris, France. Liquid meter. 1,625,489; Apr. 19.
Moore, Arlington, assignor to Moore Inventions Corporation, Worcester, Mass. Gyral wheel. 1,625,327; Apr. 19.
Moore, F. Thomas. (See Rosenberg, A., and Ollinger, assignors.)
Moore Inventions Corporation. (See Moore, Arlington, assignor.)
Moore, Jacob L., Muncie, Ind. Bed. 1,624,965; Apr. 19.
M-O-R Products Company. (See Odom, Leland L., assignor.)
Moreton, Charles J., London, England. Waterproofing textile and other materials. 1,625,672; Apr. 19.
Morey, William E., assignor to Rodger Ballast Car Company, Chicago, Ill. Dump-car-control mechanism. 1,625,089; Apr. 19.
Morgan & Wright. (See Fisher, George F., assignor.)
Morley, Michael, Brooklyn, N. Y. Boiler. 1,625,046; Apr. 19.
Morris, Herbert, South Valley, N. Y. Stone picker. 1,625,560; Apr. 19.
Morris, Newton, Fond du Lac, Wis. Drain trap. 1,625,561; Apr. 19.
Morris, Robert W., Roslyn, N. Y., assignor to American Telephone & Telegraph Company. Ambulatory repeating system. 1,624,966; Apr. 19.
Morris, Roger T., Seattle, Wash. Self-serving-store equipment. 1,625,490; Apr. 19.
Mowry, Robert D., assignor to Universal Battery Company, Chicago, Ill. Indicator for storage batteries. 1,625,047; Apr. 19.
Mueller, Adolph, trustee. (See Wagenseller, Charles N., assignor.)
Muir, Wellington W., Lockport, N. Y. Cooling internal-combustion engines. 1,625,737; Apr. 19.
Mullins, Arch, et al. (See Mullins, Ed. and O. B., assignors.)
Mullins, Ed, Cincinnati, Ohio, and O. B. Mullins, assignors of one-fourth to T. E. Mullins and one-fourth to A. Mullins, South Covington, Ky. Car-wheel clamp. 1,625,136; Apr. 19.
Mullins, Oscar B. (See Mullins, Ed. and O. B.)
Mullins, Thomas E., et al. (See Mullins, Ed. and O. B., assignors.)
Mulvihill, Daniel C., Hannibal, Mo. Wheel-cleaning, device. 1,625,137; Apr. 19.
Mutscheller, Arthur, New York, N. Y., assignor to Wappler Electric Co., Inc. Convertible X-ray machine. 1,625,328; Apr. 19.
Nadworney, Charles, assignor of two-thirds to L. Borack, Bayonne, N. J. Coin-controlled vending machine. 1,625,138; Apr. 19.
Nanni, Menotti, Tivoli, near Rome, Italy. Pneumatic connecting device. 1,625,372; Apr. 19.
Naterman, Henry C., Los Angeles, Calif. Resilient package-holding device. 1,625,275; Apr. 19.
National Assorting Company. (See Cox, George W., jr., assignor.)
National Folding Box Company. (See Ryan, J. J., and Gaffney, assignors.)
National Pneumatic Company. (See Dapron, Joseph M., assignor.)
Neighbour, Leonard B., East Moline, Ill., assignor to Deere & Company, Moline, Ill. Axle connection for vehicles. 1,625,139; Apr. 19.
Nein, Charles L. (See Reid, J. E., and Nein.)
Neitzel, Conrad T., Dallas, Tex. Well-testing tool. 1,625,140; Apr. 19.
Nelson, Emil A., Halfway, Mich. Carburetor. 1,625,141; Apr. 19.
Nelson, Virginia P., New York, N. Y. Canopy holder. 1,625,673; Apr. 19.
Nenninger, Lester F., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Machine-tool clutch. 1,625,738; Apr. 19.
Nesbitt, John J., Inc. (See Henshall, Percival P., assignor.)
Neuendorf, Edward C., Wyandotte, Mich. Headlight shield. 1,625,621; Apr. 19.
Newburn, Clarence, Electra, Tex. Sand-testing tool. 1,625,674; Apr. 19.
New England Wood Heel Co. (See Shaw, Wesley J., assignor.)
New Haven Clock Co. (See Porter, Wilson E., assignor.)
Newland, John D., Los Angeles, Calif. Combination lamp and clock case. Des. 72,489; Apr. 19.
Newman, I., & Sons, Inc. (See Kispert, Joseph J., assignor.)
New York Last Company. (See Becker, William P., assignor.)
Nichols, Guy, Mount Harris, Colo. Automobile chain tightener and fastener. 1,624,967; Apr. 19.
Nickerson, William E., assignor to Gillette Safety Razor Company, Boston, Mass. Knife with detachable blade. 1,625,778; Apr. 19.
Niederhauser, Frederick C., and A. E. Sunderland, Roanoke, Va., assignor to The Viscose Company, Marcus Hook, Pa. Manufacture of artificial silk and the like. 1,625,562; Apr. 19.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Plate or analogous article. Des. 72,490; Apr. 19.
Nock, John R., Brooklyn, N. Y. Spring heel. 1,625,048; Apr. 19.
Noishiki, Yoshitoshi, Tottori, Japan. Electrical instrument for medical treatment. 1,625,675; Apr. 19.
Non-Spi Company, The. (See Winters, Edgar W., assignor.)
Norman, George M., assignor to Hercules Powder Company, Wilmington, Del. Transportable dynamite magazine. 1,625,491; Apr. 19.
Nygaard, Oscar O., Saugus, Mass., assignor to Combustion Engineering Corporation, New York, N. Y. Stoker air control. 1,625,276; Apr. 19.
Nykolyshak, George, Jersey City, N. J. Automatic fire escape. 1,625,221; Apr. 19.
Oakley, Erastus G., Southport, assignor to Bridgeport Brass Company, Bridgeport, Conn. Making tire-valve casings. 1,625,492; Apr. 19.
Obenshain, Kyle D. (See Gould, H. G., and Obenshain.)
O'Connell, Joseph, and H. H. Kerr, Kensington, Victoria, Australia. Can cleaning and drying apparatus. 1,625,493; Apr. 19.
O'Connor, Arthur F., assignor to Union Railway Equipment Co., Chicago, Ill. Uncoupling device. 1,625,143; Apr. 19.
O'Connor, Arthur F., assignor to Union Railway Equipment Co., Chicago, Ill. Separable coupler-release rigging. 1,625,144; Apr. 19.
O'Connor, John B., assignor to Lyon Metallic Manufacturing Company, Aurora, Ill. Locker latch. 1,625,145; Apr. 19.
Odom, Leland L., assignor to M-O-R Products Company, Little Rock, Ark. Manufactnre of a substitute for turpentine. 1,625,622; Apr. 19.
O'Dowd, Henry W., Jersey City, N. J., assignor, by mesne assignments, to Standard Gas Equipment Corporation, Baltimore, Md. Gas-stove burner. 1,625,623; Apr. 19.
Oehrle Brothers Company. (See Oehrle, Franklin W., assignor.)
Oehrle, Franklin W., assignor to Oehrle Brothers Company, Philadelphia, Pa. Valance for window draperies. 1,625,329; Apr. 19.
Ohio Brass Company. (See Austin, A. O., and Macleod, assignors.)
Olivarius, Holger de F., assignor to California Packing Corporation, San Francisco, Calif. Pickling ripe olives. 1,625,494; Apr. 19.
Oliver, Ernon V., Portland, Oreg. Distilling apparatus. 1,625,222; Apr. 19.
Oliver, Ernon V., Portland, Oreg. Water still. 1,625,223; Apr. 19.

Oliver, Everett B., Chicago, Ill. Transmission mechanism. 1,624,968; Apr. 19.
Oliver, George A., Cleburne, Tex. Grinding machine. 1,625,049; Apr. 19.
Ollinger, William. (See Rosenberg, A., and Ollinger.)
Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Magnetic speedometer. 1,625,142; Apr. 19.
Olsen, Simon D., London, England. Arrangement for supplying liquid fuel to internal-combustion engines. 1,625,739; Apr. 19.
O'Neill, Henry W., Elmhurst, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y. Telegraph system. 1,625,495; Apr. 19.
O'Neill, Joseph A., New York, N. Y. Cushion device for automobiles. 1,625,146; Apr. 19.
Onofrio, Anastas, Detroit, Mich. Combined scrubbing and vacuum cleaning device. 1,625,147; Apr. 19.
Ontario Knife Co. Inc., The. (See Gilian, Gowan C., assignor.)
Orme, Wilber L., Cambridge, Ohio. Service tray for relish or the like. Des. 72,491; Apr. 19.
Oslus, Frederick J., Miami Beach, Fla., assignor to Hamilton-Beach Mfg. Co., Racine, Wis. Vacuum cleaner. 1,624,969; Apr. 19.
Otis Elevator Company. (See Brady, Thomas, assignor.)
Otis Elevator Company. (See Hymans, Frederick, assignor.)
Owye, Harry K., Lovelocks, Nev. Game. 1,624,970; Apr. 19.
Packard, Clarence E., Abilene, Kan. Dump-body vehicle. 1,625,496; Apr. 19.
Packard, Horace N., assignor to The Cutler-Hammer Mfg. Co., Wauwatosa, Wis. Method and means for determining the heating value of combustible gases. 1,625,277; Apr. 19.
Page, Louis A., assignor of one-half to H. C. Messinger, Providence, R. I. Extendible spectacle temple. 1,625,050; Apr. 19.
Pajeau, Charles H., Glencoe, assignor to Toy Tinkers, Inc., Evanston, Ill. Bowling-game apparatus. 1,625,676; Apr. 19.
Palm, Bernard L. (See Palm, Herbert B. and B. L.)
Palm, Herbert B. and B. L., Huron, S. Dak. Hog greaser. 1,625,677; Apr. 19.
Palm, Max J., jr., Cincinnati, Ohio. Plate or similar article. Des. 72,492; Apr. 19.
Panzl, Paul R., Shawinigan Falls, Quebec, Canada. Digester strainer. 1,625,373; Apr. 19.
Papst, Hermann, Vienna, Austria, assignor, by mesne assignments, to F. B. Keane, Bridgeport, Conn. Supporting housing for electrical machines with split poles. 1,625,051; Apr. 19.
Paraffine Companies, Inc., The. (See Finley, Dozier, assignor.)
Paramount Machine Company. (See Eanes, Hugh P., assignor.)
Paramount Rubber Consolidated Inc. (See Roberts, Fred T., assignor.)
Paramount Rubber Consolidated, Inc. (See Roberts, William E., assignor.)
Paramount Rubber Consolidated, Inc. (See Schaefer, James, assignor.)
Pardee, Belle E. (See Pardee, Harvey S., assignor.)
Pardee, Harvey S., assignor to B. E. Pardee, Ravinia, Ill. Radiator cap. 1,625,497; Apr. 19.
Park, William B., assignor of one-half to C. M. Zink, Linton, Ind. Motor controller. 1,625,773; Apr. 19.
Parsons, Arthur W., Miami, Fla. System for carrying out mimic bombing attacks. 1,625,678; Apr 19
Paschall, Williams, Birmingham, Ala. Floor-surfacing machine. 1,625,740; Apr. 19.
Pathe Cinema, Anciens Etablissements Pathe Freres. (See Marrette, Jacques, assignor.)
Pattermann, Otto, Kladno, assignor to Poldihütte, Palackeho Trida, Praha-Vinobrady, Czechoslovakia. Steel. 1,625,741; Apr. 19.
Patterson, Charley T., Springfield, Mo. Moisture guide for incubators. 1,625,420; Apr. 19.
Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Subsoil plow. 1,625,278; Apr. 19.
Payne, Ballard I. (See Lowe, Richard T., assignor.)
Payne, John S., Midland Park, N. J. Throttle-control mechanism. 1,625,563; Apr. 19.
Pearl, Frank A., Madison, Wis. Coaster-wagon steering gear. 1,625,421; Apr. 19.
Pearl, Frank A., North Milwaukee, Wis. Convertible coaster wagon. 1,625,422; Apr. 19.
Pearson, Gardner W. (See Proctor, John H., assignor.)
Pearson, George D., Montreal, Quebec, Canada. Automobile tire. 1,625,679; Apr. 19.
Pease, John A. (See Weeks, Wallace M., assignor.)
Pease, John A., et al. (See De Wallace, Harry, assignor.)
Peckenpaugh, John F., Cedar Rapids, Iowa. Window platform. 1,625,423; Apr. 19.
Pelletier, Dominick, Fall River, Mass. Miter box. 1,625,424; Apr. 19.
Penn, George R., assignor to S. R. Penn Mfg. Co., New York, N. Y. Loud-speaker unit. 1,625,148; Apr. 19.
Penn, S. R., Mfg. Co. (See Penn, George R., assignor.)
Pennington, Mary E., St. Davids, Pa., and A. B. Davis, Cincinnati, Ohio. Manufacture of strawboard. 1,625,090; Apr. 19.
Perry-Caldwell Manufacturing Company (Inc.). (See Caldwell, Erwin, assignor.)
Perry, Edgar W., Boston, Mass. Resilient tire. 1,625,742; Apr. 19.
Peters, John F., Rochester, assignor to American Can Company, New York, N. Y. Can-body-making machine. 1,625,091; Apr. 19.
Peters, Minn L., Seattle, Wash. Boudoir cap. Des. 72,494; Apr. 19.
Petnel, Joseph A., Troy, N. Y. Electric switch. 1,625,149; Apr. 19.
Petree, Cuthbert G., assignor to Petree & Dorr Engineers, Inc., New York, N. Y. Recovering sugar content in cane juices. 1,625,680; Apr. 19.
Petree & Dorr Engineers, Inc. (See Petree, Cuthbert G., assignor.)
Phillips, John E., assignor to Albert Pick & Company, Chicago, Ill. Plate or similar article. Des. 72,493; Apr. 19.
Piché, Frank W., Detroit, Mich. Brake mechanism. 1,625,150; Apr. 19.
Piché, Frank W., Detroit, Mich. Brake mechanism for vehicles. 1,625,151; Apr. 19.
Pick, Albert, & Company. (See Phillips, John E., assignor.)
Pickel, Henry C., Pemberton, Minn. Road planer. 1,624,971; Apr. 19.
Pine, William S., Ventura, Calif. Shield for casing-slip handles. 1,625,152; Apr. 19.
Pinkus, Abraham S., New York, N. Y. Radiocondenser. 1,625,330; Apr. 19.
Pitman, Henry L., Westfield, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,625,331; Apr. 19.
Plumstead, Joseph E., Wilmington, Del., assignor to The Jessup & Moore Paper Co., Philadelphia, Pa. Utilizing old paper stock. 1,625,279; Apr. 19.
Poillon, Ethel A., Brooklyn, N. Y. Toilet-powder shaker. 1,625,092; Apr. 19.
Poldihütte. (See Pattermann, Otto, assignor.)
Poliak, Fritz. (See Ripper, Kurt, assignor.)
Pollard, Gurdon T., Denver, Colo. Transmission gear. 1,625,564; Apr. 19.
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Stem-winding and stem-setting watch. 1,625,498; Apr. 19.
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Timing device for the balance-wheel units of clock and watch movements. 1,625,499; Apr. 19.
Post, C. C., et al. (See Gardner, William R., assignor.)
Potter, Thomas I., Orange, N. J., assignor, by mesne assignments, to Hydro Refrigerator Company, Inc., New York, N. Y. Refrigerating apparatus. 1,624,972; Apr. 19.
Potter, Thomas I., East Orange, N. J., assignor, by mesne assignments, to Hydro Refrigerator Company, Inc., New York, N. Y. Pump. 1,625,153; Apr. 19.
Potter, William H., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Trimming articles. 1,625,332; Apr. 19.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Call-distributing system. 1,625,624; Apr. 19.
Powers Accounting Machine Corporation. (See Lasker, William W., assignor.)
Pracht, Carl J., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Trunk-selecting switch for telephone systems. 1,625,425; Apr. 19.
Pratt & Whitney Company. (See Durkee, Henry E., assignor.)
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Single-chamber clearance unloader. 1,625,681; Apr. 19.
Price, Joseph, Stapleton, assignor to The Griscom-Russell Company, New York, N. Y. Condenser-type heater 1,624,973; Apr. 19.
Proctor, John H., Andover, Mass., assignor to G. W. Pearson, Lowell, Mass. Wooden container. 1,625,280; Apr. 19.
Putnam, Alden L., assignor to Whitehead & Kales Company, Detroit, Mich. Wheel rim and attachment therefor. 1,624,974; Apr. 19.
Quinn, Martin J., Toronto, Ontario, Canada. Pump. 1,625,500; Apr. 19.
Racine Horseshoe Tire Company. (See Caldwell, Truman S., assignor.)
Rader, William O. (See Seaton, A., and Rader.)
Radio Frequency Laboratories, Incorporated. (See Hull, L. M., and Seabury, assignors.)
Radio Frequency Laboratories, Incorporated. (See Seabury, Richard W., assignor.)
Ragg, Mary E., Upper Norwood, England. Obstetric appliance. 1,625,682; Apr. 19.
Rail, Joseph, Terre Haute, Ind. Blade-grader level and slope indicator. 1,625,683; Apr. 19.
Railway Improvement Company. (See Clark, Leverett M., assignor.)
Ramsey, Robert L., Ben Wheeler, Tex. Organized lifting mechanism. 1,625,743; Apr. 19.
Rand, James H., North Tonawanda, assignor, by mesne assignments, to Rand Kardex, Inc., Tonawanda, N. Y. Index tab. 1,625,154; Apr. 19.
Rand Kardex, Inc. (See Rand, James H., assignor.)

Randolph, Charles P., Oak Park, assignor to Edison Electric Appliance Company, Incorporated, Chicago, Ill. Electric toaster. Des. 72,495; Apr. 19.
Rapid Addressing Machine Company. (See Geiger, E. A., Schraegle, and Jennings, assignors.)
Raqué, Arthur E. and P. E., Jersey City, N. J. Combined speed regulating and mixing valve. 1,625,281; Apr. 19.
Raqué, Philip E. (See Raqué, Arthur E. and P. E.)
Ratezenstein, William, Chicago, Ill., assignor to Cresco Creamery Supply Co. Valved outlet for Pasteurizers. 1,625,765; Apr. 19.
Ratigan, James P., Walnut Park, Calif. Cable hook. 1,625,155; Apr. 19.
Ray, Felbert A., Wichita Falls, Tex. Tank for separating oil and water from gas. 1,625,052; Apr. 19.
Ray, John M., Apollo, Pa. Corn planter. 1,625,390; Apr. 19.
Redfield, Harry B., New York, N. Y. Telephone attachment. 1,625,333; Apr. 19.
Reece, Raymond H., Joliet, Ill. Timer for ignition systems and the like. 1,624,975; Apr. 19.
Reedy, Alfred J., assignor to A. B. Stove Company, Battle Creek, Mich. Stove-door construction. 1,624,976; Apr. 19.
Renfe, Francis E., Omaha, Nebr. Tire pump. 1,625,374; Apr. 19.
Reid, Josiah E., and C. L. Nein, assignors to International Motor Company, New York, N. Y. Hoisting mechanism for dump trucks. 1,624,977; Apr. 19.
Reid, Josiah E., and C. L. Nein, assignors to International Motor Company, New York, N. Y. Hoisting mechanism for dump trucks. 1,624,978; Apr. 19.
Reiland, Ernest S. and P. M., St. Paul, assignors to Bayport Foundry Company, Bayport, Minn. Sashweight pulley. Re16,594; Apr. 19.
Reiland, Peter M. (See Reiland, Ernest S. and P. M.)
Reilly, John B., Whittier, and C. H. Stone, Brea, assignors to Kammerer Corporation, Santa Fe Springs, Calif. Tool for cutting and removing pipe from wells. 1,625,391; Apr. 19.
Reilly, John B., Whittier, and C. H. Stone, Brea, assignors to Kammerer Corporation, Santa Fe Springs, Calif. Tool for cutting and removing pipe from wells. 1,625,392; Apr. 19.
Reilly, John B., Whittier, and C. H. Stone, Brea, assignors to Kammerer Corporation, Santa Fe Springs, Calif. Tool for cutting pipe in wells. 1,625,393; Apr. 19.
Remy, Franz, Fosses-lez-Namur, Belgium. Electric traction system for agricultural implements. 1,625,744; Apr. 19.
Renholdt, John E., Stratford, assignor to Dictaphone Corporation, Bridgeport, Conn. Speed-control mechanism. 1,625,093; Apr. 19.
Rentschler, Harvey C., and J. W. Marden, East Orange, N. J., assignors to Westinghouse Lamp Company. Target for X-ray tubes. 1,625,426; Apr. 19.
Rentschler, Harvey C., and J. W. Marden, East Orange, N. J., assignors to Westinghouse Lamp Company. Target for X-ray tubes. 1,625,427; Apr. 19.
Reppart, Hugh E., Washington, D. C. Electric condenser. 1,625,094; Apr. 19.
Re Qua, Frederick L., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Regulation of electric circuits. 1,625,282; Apr. 19.
Requa, Reginald C., Cold Spring Harbor, N. Y. Literary savings device. 1,625,053; Apr. 19.
Restein, Clement, Hatboro, Pa. Fiber packing. 1,625,095; Apr. 19.
Reyes, José de L., Los Angeles, Calif. Article of jewelry. 1,625,375; Apr. 19.
Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung. (See Schöllkopf, Karl, assignor.)
Rhode Island Braiding Machine Company. (See Thomas, Frederick, assignor.)
Rhodes, John J., assignor of one-half to F. M. Gordon, South Hamilton, Mass. Hook bracket. 1,625,745; Apr. 19.
Richards, Arnold E., Midlothian, Md. Timer. 1,624,979; Apr. 19.
Richards, Walter H., New London, Conn. Fluid meter and motor. 1,625,428; Apr. 19.
Richardson, Myron H., Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Company, Chicago, Ill. Check-controlled lock. 1,624,980; Apr. 19.
Richardson, Rodney G., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. Re16,602; Apr. 19.
Ricker, Norman H., assignor to Humble Oil and Refining Company, Houston, Tex. Seismograph. 1,625,625; Apr. 19.
Riddle, Edward N., Company, The. (See Riddle, John K., assignor.)
Riddle, John K., assignor to The Edward N. Riddle Company, Toledo, Ohio. Lighting fixture. 1,625,626; Apr. 19.
Riegel, Samuel S., Scranton, Pa., assignor, by mesne assignments, to J. H. Allen, Jersey City, N. J. Railway-vehicle ash or other waste transfer method and apparatus. 1,625,429; Apr. 19.
Rigby, Albert, assignor of one-half to P. Diamond, Paterson, N. J. Loom. 1,625,156; Apr. 19.
Ripper, Kurt, assignor to F. Pollak, Vienna, Austria. Manufacturing homogeneous glasslike condensation products of urea and formaldehyde. 1,625,283; Apr. 19.
Rix, Frank, assignor of one-half to J. F. Siegel, New York, N. Y. Oil burner. 1,625,334; Apr. 19.
Robbins, William H., Springfield, assignor to The Williams Company, London, Ohio. Steel-wool machine. 1,625,158; Apr. 19.
Robbins, William H., Springfield, assignor to The Williams Company, London, Ohio. Steel-wool-removing machine. 1,625,159; Apr. 19.
Roberts, Austin, Pretoria, Transvaal, South Africa. Turning signal for road vehicles. 1,624,981; Apr. 19.
Roberts, Eugene, assignor to The Western States Machine Company, Salt Lake City, Utah. Screen for centrifugal baskets. 1,625,376; Apr. 19.
Roberts, Eugene, assignor to The Western States Machine Company, Salt Lake City, Utah. Backing for centrifugal baskets. 1,625,377; Apr. 19.
Roberts, Fred T., Yonkers, assignor to Paramount Rubber Consolidated Inc., Tuckahoe, N. Y. Making hollow rubber articles. 1,625,394; Apr. 19.
Roberts, Fred T., Yonkers, assignor to Paramount Rubber Consolidated Inc., Tuckahoe, N. Y. Making hot-water bottles, douche bags, etc. 1,625,395; Apr. 19.
Roberts, Horace L., Mount Vernon, N. Y. Feeding mechanism for tag-stringing machines and the like. 1,625,157; Apr. 19.
Roberts, William E., Yonkers, assignor to Paramount Rubber Consolidated Inc., Tuckahoe, N. Y. Making hot-water bottles. 1,625,396; Apr. 19.
Robertson, William H., Dayton, Ohio. Traveling conveyor. 1,625,501; Apr. 19.
Robinson, Albert E., assignor to The American Tool Works Company, Cincinnati, Ohio. Friction-clutch mechanism. 1,625,397; Apr. 19.
Robinson, Arthur, Minneapolis, Minn. Figure projecting toy. 1,625,430; Apr. 19.
Robinson, Lula H., Dallas, Tex. Adjustable rod support for shades, curtains, and drapes. 1,625,160; Apr. 19.
Rodger Ballast Car Company. (See Morey, William E., assignor.)
Roddy, John C., Palatka, Fla. Reenforcing means for flexible couplings of pipe lines. 1,625,684; Apr. 19.
Roebuck, Harold. (See Elliott, E., and Roebuck.)
Roepke Pan Machine Corporation. (See Roepke, William J., assignor.)
Roepke, William J., Los Angeles, Calif., assignor, by mesne assignments, to Roepke Pan Machine Corporation, Wilmington, Del. Automatic pan-making machine. 1,625,502; Apr. 19.
Rolley, Noah F., Karthaus, Pa. Pocket holder for pool tables. 1,625,685; Apr. 19.
Roos, Jacob J., Hull, Iowa. Device for use in moving buildings. 1,625,161; Apr. 19.
Rosato, Victor, Bronx, N. Y. Revolving stencil-cylinder machine. 1,625,054; Apr. 19.
Rosenberg, Abraham, and W. Ollinger, New York, N. Y., assignors to F. T. Moore, Washington, D. C. Signaling and direction-indicating apparatus for automobiles. 1,625,565; Apr. 19.
Rosenberg, Louis, Milwaukee, Wis. Apparatus for cleaning metal parts. 1,624,982; Apr. 19.
Rosenfeld, William S., Baltimore, Md. Alignment device for automobile wheels. 1,625,431; Apr. 19.
Rosenthal, Dunbar A., and C. P. Winter, assignors to United States Paper Mills, Inc., Chambersburg, Pa. Folding machine. 1,625,566; Apr. 19.
Rosenthal, Isadore L., assignor to J. Rosenthal, Brooklyn, N. Y. Method of and device for preventing the skidding of self-propelled road vehicles. 1,625,746; Apr. 19.
Rosenthal, Julia. (See Rosenthal, Isadore L., assignor.)
Rouband, Emile C. C., and R. A. Veillon, Paris, France. Product for destroying mosquito larvæ. 1,625,627; Apr. 19.
Routson, Howard W., Oakland, Calif., assignor, by mesne assignments, to Minimax Utilities Corporation. Washing machine. 1,625,096; Apr. 19.
Royal Metal Lighting Fixture Co. (See Brown, Max., assignor.)
Rüdenberg, Reinhold, Berlin-Charlottenburg, and K. Kurda, Nuremberg, assignors to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Devices for neutralizing the higher harmonics in high-voltage-line plants. 1,625,567; Apr. 19.
Rudolph, Walter J., assignor to The Imperal Brass Manufacturing Company, Chicago, Ill. Air pump. 1,625,097; Apr. 19.
Rudolph, Walter J., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Atomizing cleaner. 1,625,098; Apr. 19.
Rudolph, Walter J., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Pump. 1,625,099; Apr. 19.
Ruff, Martin L., Jacksonville, Fla. Attachment for hair clippers. 1,625,747; Apr. 19.
Runge, Richard M., assignor, by mesne assignments, to The Miller Company, Meriden, Conn. Lamp support. 1,625,100; Apr. 19.
Rutner, Stanley A., Hill, Calif. Bailer dump. 1,625,686; Apr. 19.

Ryan, John J., and J. Gaffney, assignors to National Folding Box Company, New Haven, Conn. Display carton. 1,625,687; Apr. 19.
Sabin, Milton H., New York, N. Y. Watch bracelet. Des. 72,496; Apr. 19.
Sadler, Frederick W., assignor of one-fourth to B. E. Turney, Oklahoma City, Okla. Casing cover and tool holder. 1,625,774; Apr. 19.
Safety Car Heating and Lighting Company, The. (See Turbayne, William A., assignor.)
Sager, John W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding mechanism. 1,625,432; Apr. 19.
Sandel, Albert, assignor of one-half to F. Scholz, Chicago, Ill. Game apparatus for multisix color games. 1,625,055; Apr. 19.
Sandy, Richard E., Cloverdale, Ind. Adjustable measure. 1,625,056; Apr. 19.
Sani-Tabi-Tub Company. (See Darrow, Benjamin H., assignor.)
Sargent & Lundy Incorporated. (See Schroeder, Bernhard, assignor.)
Sauser, Joseph A., assignor to The Toy Tinkers, Inc., Evanston, Ill. Wheeled toy. Des. 72,497; Apr. 19.
Scarth, Harold, Detroit, Mich. Tile closure. 1,625,028; Apr. 19.
Scavullo, Angelo C., New York, N. Y., assignor to Jos. Heinrichs Corporation, Cream pitcher. Des. 72,498; Apr. 19.
Schaefer, George, et al., trustees. (See Inghram, Howard T., assignor.)
Schaefer, James, West Paterson, assignor to Paramount Rubber Consolidated, Inc., Little Falls, N. J. Method of and apparatus for making hollow rubber articles. 1,625,398; Apr. 19.
Schaefer, James, Yonkers, N. Y., assignor to Paramount Rubber Consolidated, Inc. Method of and apparatus for making hollow rubber articles. 1,625,399; Apr. 19.
Schaeffer, George W., Chicago, Ill. Roof-flashing sealing and retaining device. 1,625,688; Apr. 19.
Scheiner, Philip, Brooklyn, N. Y. Stand for a drinking set or similar article. Des. 72,499; Apr. 19.
Scheluto, Jean, and F. J. J. Furnemont, Brussels; said Scheluto, assignor to G. E. Coene, Uccle, near Brussels, Belgium. Regulating automatically sweeping fire in machine guns. 1,625,775; Apr. 19.
Schiess, Fritz, Lichtensteig, Switzerland. Machine for cutting or severing metallic bars. 1,625,748; Apr. 19.
Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Turbine-blade shrouding. 1,625,433; Apr. 19.
Schneider, William G., Camden, N. J. Container cover. 1,625,335; Apr. 19.
Schnur, Jacob. (See Schnur, J. M., Kesselring, Schnur, and Joniscik.)
Schnur, Joseph M., F. Kesselring, J. Schnur, and S. Joniscik, assignors to K. Schnur, as trustee. Chicago, Ill. Carton-feeding machine. 1,625,057; Apr. 19.
Schnur, Katherine, trustee. (See Schnur, J. M., Kesselring, Schnur, and Joniscik, assignors.)
Schöllkopf, Karl, assignor to Rheinische Kampfer-Fabrik Gesellschaft mit beschrankter Haftung, Dusseldorf-Oberkassel, Germany. Manufacture of menthol. 1,625,771; Apr. 19.
Scholz, Frank. (See Sandel, Albert, assignor.)
Schooley, Claude O., Perth Amboy, N. J., assignor to Standard Underground Cable Company, Pittsburgh, Pa. Cable reel. 1,625,503; Apr. 19.
Schraegle, August F. (See Geiger, E. A., Schraegle, and Jennings.)
Schroeder, Bernhard, assignor to Sargent & Lundy Incorporated, Chicago, Ill. Steam-power system. 1,625,336; Apr. 19.
Schroter, George A., Denver, Colo. Dewatering peat. 1,625,058; Apr. 19.
Schulenberg, Frederick H., Lima, Ohio. Hydrocarbon burner. 1,625,162; Apr. 19.
Schultz, August E. (See Jahr, Arthur A., assignor.)
Schurr, William H., assignor to Searls Manufacturing Company, Newark, N. J. Fixture support. 1,625,163; Apr. 19.
Schutz, Harold R., Toledo, assignor to The Edward Ford Plate Glass Company, Rossford, Ohio. Casting table. 1,625,164; Apr. 19.
Schuyler, Frank B., Berkeley, assignor to Johnson Washer Company, Oakland, Calif. Wringer attachment. 1,625,101; Apr. 19.
Schwartz, Gerhardt F., St. Louis, Mo. Making hot-water tanks. 1,624,983; Apr. 19.
Scott, Lewis L., assignor to Electrol, Inc. of Missouri, St. Louis, Mo. Combustion system. 1,625,629; Apr. 19.
Scott, Lewis L., assignor to Electrol, Inc. of Missouri, St. Louis, Mo. Combustion system. 1,625,630; Apr. 19.
Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)
Seabury, Richard W. (See Hull, L. M., and Seabury.)
Seabury, Richard W., assignor to Radio Frequency Laboratories, Incorporated, Boonton, N. J. Composite article and making same. 1,625,749; Apr. 19.
Searls Manufacturing Company. (See Schurr, William H., assignor.)
Seaton, Albert, and W. O. Rader, assignors to Eli Lilly and Company, Indianapolis, Ind. Product and testing sugar tolerance. 1,625,165; Apr. 19.
Seaton, Benjamin C., Nashville, Tenn. Mold and constructing continuous tubes. 1,625,284; Apr. 19.
Seawell, Joseph M., Richmond, Va. Stabilizer. 1,625,224; Apr. 19.
Secor, John A., assignor to Advance-Rumely Company, La Porte, Ind. Exhaust nozzle and assembly. 1,625,102; Apr. 19.
Seeberger, Fred B., Philadelphia, Pa. Cue tip and manufacture thereof. 1,624,984; Apr. 19.
Seeger, Edwin W., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Control system for printing presses. 1,625,225; Apr. 19.
Seibert, Herbert D., Brooklyn, N. Y. Slug case. 1,625,285; Apr. 19.
Shaffer, Daniel J., assignor of one-half to L. E. Worth, Aurora, Ill. Water heater. 1,625,286; Apr. 19.
Sharp, Isaac M., San Francisco, Calif. Oil burner. 1,625,400; Apr. 19.
Sharples Specialty Company, The. (See Jones, L. D., and Ayres, assignors.)
Shaw, Harold F., Leominster, Mass. Combined frame and body with hood for a baby carriage. Des. 72,500; Apr. 19.
Shaw, Wesley J., assignor to New England Wood Heel Co., Haverhill, Mass. Bearing. 1,625,568; Apr. 19.
Sheldon, Edward P., assignor, by mesne assignments, to R. Hoe and Co., Inc., New York, N. Y. Slow-down mechanism for printed products. 1,624,985; Apr. 19.
Shelley, Thomas W., Los Angeles, Calif., assignor to W. W. Whitecotton. Tricycle. 1,625,337; Apr. 19.
Sherrod, William H., Los Angeles, Calif. Toy. 1,624,986; Apr. 19.
Shickman, Abe J., W. A. Thum, and W. L. Dempsey, St. Louis; said Thum and said Dempsey assignors to said Shickman. Automatic printing press. 1,625,569; Apr. 19.
Shields, Benjamin F., C. G. Crombie, and G. A. Windell, Seattle, Wash. Shock-absorbing device. 1,625,570; Apr. 19.
Shillman, Albert H., Baltimore, Md. Pocketbook. 1,624,987; Apr. 19.
Shinkle, Edward M., U. S. Army, Honolulu, Hawaii. Stop for rotating parts. 1,625,571; Apr. 19.
Shot-Lite Corporation of America. (See Freund, Robert R., assignor.)
Sieckmann, Karl, Vienenburg, Germany. Crane. 1,624,988; Apr. 19.
Siegel, Henry M., Malden, Mass. Trousers supporter. 1,625,166; Apr. 19.
Siegel, John F. (See Rix, Frank, assignor.)
Siegel, Maude, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. Des. 72,501; Apr. 19.
Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung. (See Rüdenburg, R., and Kurda, assignors.)
Silven, Joseph, et al. (See Weinaug, E., and Macfarlane, assignors.)
Simmons, Claude, Reno, Nev. Automobile brake and jack. 1,625,226; Apr. 19.
Simpson, Frederick G., Seattle, Wash. Converter of electric current. 1,625,504; Apr. 19.
Simpson, Robert J. O., assignor to The L. S. Starrett Company, Athol, Mass. Cylinder gauge. 1,625,401; Apr. 19.
Simpson, Robert J. O., assignor to The L. S. Starrett Company, Athol, Mass. Dial indicator. 1,625,766; Apr. 19.
Simpson, Robert J. O., assignor to The L. S. Starrett Company, Athol, Mass. Micrometer calipers. 1,625,767; Apr. 19.
Simpson, Ward T., Detroit, assignor, by mesne assignments, to A. G. Dickinson, Grand Rapids, Mich. Carburetor. 1,625,572; Apr. 19.
Simpson, Ward T., Ann Arbor, Mich., assignor, by mesne assignments, to A. G. Dickinson, Grand Rapids, Mich. Carburetor. 1,625,573; Apr. 19.
Simpson, Ward T., assignor, by mesne assignments, to A. G. Dickinson, Grand Rapids, Mich. Carburetor. 1,625,574; Apr. 19.
Simpson, Ward T., Ann Arbor, Mich., assignor, by mesne assignments, to A. G. Dickinson, Grand Rapids, Mich. Carburetor and fuel-feeding system therefor. 1,625,575; Apr. 19.
Sinclair Refining Company. (See Frye, W. A., and Heady, assignors.)
Singer Manufacturing Company, The. (See Tivendale, William, assignor.)
Sioan, Harry E., Hartford, Conn. Rack-tooth-cutting machine. 1,625,402; Apr. 19.
Smillie, C. M., & Company. (See Cross, Lester H., assignor.)
Smith, Charles F., and C. Edwards, assignors to Landers, Frary & Clark, New Britain, Conn. Cooker. 1,624,989; Apr. 19.
Smith, Frederick W., Whittier, Calif. V-section bandless brake. 1,625,103; Apr. 19.
Smith, James T., Newark, N. J. Method and machine for coating leather and the like. 1,625,434; Apr. 19.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,625,338; Apr. 19.
Smith, Lemuel D., Milwaukee, Wis. Surgical syringe. 1,624,990; Apr. 19.
Snodgrass, Joseph E., assignor of one-third to L. V. Lienhard, Amarillo, Tex. Casing head for oil wells. 1,625,378; Apr. 19.

Snow, William N., Beloit, Wis. Ventilated milk-can cover. 1,625,287; Apr. 19.
Snowdon, Charles, and F. Brown, Wolsingham, England. Stretcher for necktles and the like. 1,625,059; Apr. 19.
Snyder, Louis C., Booneville, Ind. Tire. 1,625,750; Apr. 19.
Societe des Films en Couleur Keller Dorian. (See Audibert, Jean, assignor.)
Societe Industrielle des Procedes W. A. Loth. (See Loth, William A., assignor.)
Societe l'Aster. (See Monard, Alfred, assignor.)
Society of Chemical Industry in Basle. (See Fritzche, H., Krummenacher, Gubler, and Kaiser, assignors.)
Society of Chemical Industry in Basle. (See Hartmann, Max, assignor.)
Sohn, Archie C. (See Long, C. T., and Sohn.)
Sohn, Archie C. (See Taylor, A. B., Long, and Sohn.)
Solberg, John C., Arlington, assignor of one-half to F. C. Langenberg, Cambridge, Mass. Fluid-pressure intensifier. 1,625,751; Apr. 19.
Sonora Phonograph Company. (See Wolff, Joseph, assignor.)
Soule, William H. (See Ingolfarud, L. J., and Soule.)
Spangler, George W., Greencastle, Pa. Valve structure. 1,625,689; Apr. 19.
Speaker, Charles, Cherrydale, Va. Wireless telegraph and telephone system. 1,624,991; Apr. 19.
Spencer, Robert L., Harrisburg, Ark. Railway-track construction. 1,625,288; Apr. 19.
Spengler, Henry, New York, N. Y. Snap fastener. 1,625,104; Apr. 19.
Sperry Gyroscope Company, The. (See Hall, Theodore, assignor.)
Spillman, Edward O., North Tonawanda, assignor to Fischer Motor Company, New York, N. Y. Internal-combustion engine. 1,624,992; Apr. 19.
Spink, Alfred, Whitehaven, and D. Crabtree, Bradford, England. Loom for weaving pile fabrics. 1,624,993; Apr. 19.
Spotswood, John B., Montclair, N. J., and H. M. Gulick, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Container for explosives. 1,625,631; Apr. 19.
Stacy, Grover C., Dallas, Tex. Telescoping suction pipe. 1,625,576; Apr. 19.
Standard Gas Equipment Corporation. (See O'Dowd, Henry W., assignor.)
Standard Spray Pump Company. (See Costello, Frank T., assignor.)
Standard Underground Cable Company. (See Schooley, Claude O., assignor.)
Stark, Theodore H., assignor to C. Bruno & Son, Inc., New York, N. Y. Violin case. 1,624,994; Apr. 19.
Starrett, L. S., Company, The. (See Simpson, Robert J. O., assignor.)
Staupe, Alton W., Foxboro, Wis. Screw-driver attachment. 1,625,227; Apr. 19.
Stein, Gerhard, Neusornewitz, near Meissen, Germany. Pot for glass-melting furnaces. 1,625,435; Apr. 19.
Stein, Harry B., Chicago, Ill. Window-hanging device. 1,625,280; Apr. 19.
Stein, Louis, Chicago, Ill. Advertising portfolio. 1,625,228; Apr. 19.
Steinle, William J. (See Hopkinson, E., and Steinle.)
Sterling, Frank H., Minneapolis, Minn. Double-entry and trial-balance book. 1,625,105; Apr. 19.
Sterling, Harry C., assignor to McMillan Book Company, Syracuse, N. Y. Loose-leaf binder. 1,625,752; Apr. 19.
Stern, Louis, Company. (See Valcourt, Louis E., assignor.)
Sternberg, Max. (See Baskin, L., and Sternberg.)
Stevens, Horace D., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Flap cutting and measuring machine. 1,625,403; Apr. 19.
Stewart-Warner Speedometer Corporation. (See Olsen, John K., assignor.)
Stimpson, Walter F., Louisville, Ky. Scale. 1,624,995; Apr. 19.
Stockfleth, Berger, Berrien Springs, and F. W. Burger, Niles, assignor to Clark Tructractor Company, Buchanan, Mich. Portable elevating apparatus. 1,625,290; Apr. 19.
Stokes and Smith Company. (See Stokes, John S., assignor.)
Stokes, Jane G., Larchmont, assignor to Jane Gray Company, Inc., New York, N. Y. Doll or similar article. Des. 72,502; Apr. 19.
Stokes, John S., Huntington Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Assembling, tubbing, and applying composite box wrappers. 1,625,577; Apr. 19.
Stollberg, Charles, assignor to American Can Company, New York, N. Y. Can body and forming the side seam thereof. 1,625,229; Apr. 19.
Stone, Charles H. (See Reilly, J. B., and Stone.)
Storm, Adolph, assignor of one-half to C. G. Strand, Minneapolis, Minn. Lead sight for firearms. 1,625,060; Apr. 19.
Strand, Charles G. (See Storm, Adolph, assignor.)
Stranders, Julien, London, England, assignor to H. B. Kruger, New York, N. Y. Display stand. 1,625,436; Apr. 19.
Straubel, C. A., Company. (See Meyers, Julius R., assignor.)
Strayer, Lawrence H., Kent, Ohio. Aeronautic toy. 1,625,167; Apr. 19.
Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winfred T., assignor.)
Studebaker Corporation, The. (See Bourgon, Joseph H., assignor.)
Studebaker Corporation, The. (See Link, Vincent, assignor.)
Stukenborg, Louis C., Memphis, Tenn., and J. H. Cooper, Lonoke, Ark. Powder-dusting machine. 1,624,996; Apr. 19.
Stump, Earl R. (See Stump, Oscar C. and E. R.)
Stump, Oscar C. and E. R., Seattle, Wash. Collision-signal switch. 1,625,505; Apr. 19.
Stumpf, Johann, Berlin, Germany. Valve gear for steam engines. 1,625,632; Apr. 19.
Suddeutsche Christbaumschmuck- u. Reflektoren Gesellschaft mit beschrinkter Haftung. (See Kempf, Conrad, assignor.)
Sullivan, Josephine W., New York, N. Y. Folding back rest. 1,625,106; Apr. 19.
Sunderland, Alfred E. (See Niederhauser, F. C., and Sunderland.)
Sun-Maid Raisin Growers of California. (See Forrest, Thomas W. W., assignor.)
Swanfeldt, Andrew, Los Angeles, Calif. Ornamental awning fabric and making the same. 1,625,690; Apr. 19.
Sweeney, Patrick, Wisner, Nebr. Disk harrow. 1,625,370; Apr. 19.
Sweet, Cecil H. (See Erwin, W. C., and Sweet.)
Sweitzer, Henry G., Detroit, Mich. Radiator wall shield. 1,624,997; Apr. 19.
Talbot, James A., assignor of one-half to S. V. Davin, Walla Walla, Wash. Weeder. 1,625,168; Apr. 19.
Talbot, James A., assignor of one-half to S. V. Davin, Walla Walla, Wash. Weeder. 1,625,169; Apr. 19.
Talley, Randal E., North Irwin, Pa., assignor to George J. Hagan Company, Pittsburgh, Pa. Electric heating device. 1,625,380; Apr. 19.
Tannehill, Vernon L. (See Astrom, J., and Tannehill.)
Tanner, Arnold J., North Haven, Conn. Display container. 1,625,171; Apr. 19.
Tanner, Arnold J., North Haven, Conn., assignor, by mesne assignments, to S. S. Gorham, Chicago, Ill., trustee. Railway and like fare system and means used therewith. 1,625,170; Apr. 19.
Tatum, John J., Baltimore, Md. Coupler striking plate. 1,624,998; Apr. 19.
Taylor, Arch B., Charlotte, C. T. Long, Winston-Salem, N. C., and A. C. Sohn, Pittsburgh, Pa., assignors to Taylor-Long Company, Charlotte, N. C. Bottle. Des. 72,503; Apr. 19.
Taylor-Long Company. (See Long, C. T., and Sohn, assignors.)
Taylor-Long Company. (See Taylor, A. B., Long, and Sohn, assignors.)
Telautograph Corporation. (See Van Nostrand, Arleigh N., assignor.)
Ternstedt Manufacturing Company. (See Archer, T. P., and Heintz, assignors.)
Thero, Charley, assignor to Union Special Machine Company, Chicago, Ill. Machine for overcasting the edges of fabrics. 1,625,633; Apr. 19.
Thomas, Benjamin D., assignor of one-tenth to Thomas-Morse Aircraft Corporation, Ithaca, N. Y. Airplane-wing construction. 1,625,634; Apr. 19.
Thomas, Edward, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Take-up block. 1,625,506; Apr. 19.
Thomas, Erroid B., Newton, assignor to Thomas Products, Inc., Boston, Mass. Sanitary napkin or the like. Re16,603; Apr. 19.
Thomas, Frederick, assignor to Rhode Island Braiding Machine Company, Philadelphia, Pa. Hemmer for sewing machines. 1,625,753; Apr. 19.
Thomas, Harold D., assignor to Automatic Shoe Shiner Corporation, New York, N. Y. Time-switch mechanism. 1,625,339; Apr. 19.
Thomas-Morse Aircraft Corporation. (See Thomas, Benjamin D., assignor.)
Thomas Products, Inc. (See Thomas, Erroid B., assignor.)
Thomas, Thomas C., Evanston, Ill., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Making Weel points. 1,625,340; Apr. 19.
Thompson, Charles H., assignor to Yarnall-Waring Company, Philadelphia, Pa. Hammer-blow steam trap. 1,625,107; Apr. 19.
Thompson, Henry E., Newark, N. J. Closure fastener. 1,625,507; Apr. 19.
Thorne, Robert H., Williamsport, Pa. Laminated packing and forming the same. 1,625,508; Apr. 19.
Thum, Walter A. (See Shickman, A. J., Thum, and Dempsey.)
Thurston, Charles B., assignor of one-third to W. S. Buchner and one-sixth to R. B. Thurston, Oildale, Calif. Oil-well pump. 1,625,230; Apr. 19.
Thurston, Robert B., et al. (See Thurston, Charles B., assignor.)
Timken Roller Bearing Company, The. (See Miller, George L., assignor.)
Timmerman, Frank J. (See Kelly, William A., assignor.)

Tingley, Bruce H., assignor to The Dalton Adding Machine Company, Cincinnati, Ohio. Automatic shuttle-control mechanism for adding machines. 1,625,291; Apr. 19.
Tivendale, William, Clydebank, Scotland, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-straightening machine. 1,625,691; Apr. 19.
Tobita, Toshio, assignor to Konishi Kotakudo Company, Inc., New York, N. Y. Watch-crystal tray. 1,625,754; Apr. 19.
Togami, Nobufumi, Saga, Japan. Electromagnetic switch. 1,625,509; Apr. 19.
Topham, Laurence E., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., Sewing machine. 1,625,231; Apr. 19.
Topham, Laurence E., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Bobbin-winding machine. 1,625,232; Apr. 19.
Tower Manufacturing Co. (See Ulmann, Edgar A., assignor.
Towle Manufacturing Company. (See Nock, Harold E., assignor.)
Towns, Pete, Ansley, Nebr. Quick-adjusting fender or shield-lifter attachment for cultivators. 1,625,292; Apr. 19.
Toy Tinkers, Inc. (See Pajeau, Charles H., assignor.)
Toy Tinkers, Inc. (See Sauser, Joseph A., assignor.)
Tredwell, Charles A., assignor to Winchester Repeating Arms Co., New Haven, Conn. Telescopic fishing rod. 1,625,510; Apr. 19.
Tremper, Charles W., assignor, by mesne assignments, to The Tremper-Shields Company, New Haven, Conn. Suction sheet-pick-up mechanism. 1,625,578; Apr. 19.
Tremper-Shields Company, The. (See Tremper, Charles W., assignor.)
Tribune Company, The. (See Lundberg, Godfrey, assignor.)
Trimont Manufacturing Company. (See Kenerson, Joseph E., assignor.)
Triver, Elmer D., et al. (See Krum, John H., assignor.)
Trout, Philip H., Roanoke, Va. Welded composite corrugated sheet. 1,625,061; Apr. 19.
Trout, William A., Los Angeles, Calif. Circulating head. 1,625,172; Apr. 19.
Troy Laundry Machinery Co. (See Balzer, Fritz, assignor.)
Truslow, Wallace B., et al. (See Gardner, William R., assignor.)
Turbayne, William A., Niagara Falls, N. Y., assignor, by mesne assignments, to The Safety Car Heating and Lighting Company, New York, N. Y. System having combined automatic switch and lamp regulator. 1,624,999; Apr. 19.
Turner, Douglas, assignor to The Measuregraph Company, St. Louis, Mo. Ribbon measuring, cost computing, and winding machine. 1,624,173; Apr. 19.
Turner, Harry G., Chicago, Ill. Engraving machine. 1,625,062; Apr. 19.
Turner Tanning Machinery Company, The. (See Broughton, Winn E., assignor.)
Turney, Barbara E. (See Sadler, Frederick W., assignor.)
Turtle, David, and M. Klitenick, New York, N. Y. Metal cutter. 1,625,341; Apr. 19.
Two Vest Sign Company. (See Vest, Thomas F., assignor.)
Ulmann, Edgar A., Los Angeles, Calif., assignor, by mesne assignments, to Tower Manufacturing Co., Inc., New York, N. Y. Controlling apparatus. 1,625,000; Apr. 19.
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Pitman, Henry L., assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. B., assignor.)
Ungerer, Karl F., Pforsheim, Germany. Shaft coupling. 1,625,511; Apr. 19.
Union Draft Gear Company. (See Cotton, Walter H., assignor.)
Union Railway Equipment Company. (See Hall, William B., assignor.)
Union Railway Equipment Co. (See O'Connor, Arthur F., assignor.)
Union Special Machine Company. (See Long, William B., assignor.)
Union Special Machine Company. (See Thero, Charley, assignor.)
Unique Spark Plug Cleaner Co. (See Floyd, Roy C., assignor.)
United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)
United Shoe Machinery Corporation. (See Braden, Albert R., assignor.)
United Shoe Machinery Corporation. (See Long, Austin M., assignor.)
United Shoe Machinery Corporation. (See Topham, Laurence E., assignor.)
United States Paper Mills, Inc. (See Rosenthal, D. A., and Winter, assignors.)
Universal Battery Company. (See Mowry, Robert D., assignor.)
Universal Draft Gear Attachment Co. (See Camp, Percy B., assignor.)
Universal Harvester Company, The, et al. (See Ingham, Howard T., assignor.)
Valcourt, Louis E., Pawtucket, assignor to Louis Stern Company, Providence, R. I. Bracelet hook. 1,625,063; Apr. 19.
Van Eweyk, William F., assignor to Milwaukee Brass Manufacturing Company, Milwaukee, Wis. Faucet. Des. 72,505; Apr. 19.
Van Ness, Henry E., Elmira, N. Y. Yarn cleaner. 1,625,692; Apr. 19.
Van Nostrand, Arleigh N., Flushing, N. Y., assignor to Telautograph Corporation, Richmond, Va. Telautograph apparatus. 1,625,342; Apr. 19.
Van Nostrand, Arleigh N., Flushing, N. Y., assignor to Telautograph Corporation, New York, N. Y. Paper-winding mechanism. 1,625,343; Apr. 19.
Van Sant, Robert H., Chicago, Ill., assignor, by mesne assignments, to Gold Dust Corporation, New York, N. Y. Glass-cleaning applicator. 1,625,174; Apr. 19.
Veillon, Raymond A. (See Roubaud, E. C. C., and Veillon.)
Velde, Ernest A., Cedar Rapids, Iowa. Bed davenport. 1,625,437; Apr. 19.
Vello, Nicola, Akron, Ohio. Combination tool. 1,625,064; Apr. 19.
Venon, Jules H., New York, N. Y. Goblet or similar article. Des. 72,506; Apr. 19.
Venon, Jules H., New York, N. Y. Goblet or similar article. Des. 72,507; Apr. 19.
Vernet, Sergius, Brooklyn, N. Y. Reversing mechanism. 1,625 512; Apr. 19.
Vest, Thomas F., assignor of one-half to Two Vest Sign Company, Birmingham, Ala. Signal. 1,625,693; Apr. 19.
Victor, Alexander F., Davenport, Iowa. Intermittent film feed. 1,625,065; Apr. 19.
Vierkötter, Paul, Munich, Germany. Flash-light lamp. 1,625,108; Apr. 19.
Viersen, Tiete, Ter Apel, Netherlands. Making decorative material from peat. 1,625,066; Apr. 19.
Vingheroets, Louis, Grand Rapids, Mich. Tool. 1,625,344; Apr. 19.
Viscose Company, The. (See Niederhauser, F. C., and Sunderland, assignors.)
Vogt, Frank P., and E. C. Dorn, Chicago, Ill. Automobile lock. 1,625,109; Apr. 19.
Voigt, Frank, Milwaukee, Wis. Micrometer. 1,625,175; Apr. 19.
Volkmar, Bernhard, New York, N. Y. Timer for internal-combustion engines. 1,625,001; Apr. 19.
Vortex Mfg. Co., The. (See Curtin, David F., assignor.)
Vosburgh, Edward, Passaic, N. J. Sorting machine. 1,625,438; Apr. 19.
Waechtler, Walter E., et al. (See Weinaug, E., and Macfarlane, assignors.)
Wagenseller, Charles N., assignor to A. Mueller, trustee, Decatur, Ill. Faucet. 1,625,404; Apr. 19.
Wagner, Claude E., and B. G. Hofer, Los Angeles, Calif. Marceling iron. 1,625,440; Apr. 19.
Wagner, Matthias A., Toledo, Ohio. Nursing-bottle container. 1,625,002; Apr. 19.
Walinsky, Ossip J., Sea Gate, assignor to White Luggage Co. Inc., New York, N. Y. Article of luggage. 1,625,439; Apr. 19.
Walker, Margaret W., Wyncote, Pa. Baby spoon. 1,625,003; Apr. 19.
Waller, Carl R., assignor to De Laval Steam Turbine Company, Trenton, N. J. Control for steam turbines. 1,625,004; Apr. 19.
Wallstrom, Ludwig, Lima, Peru. 1,625,381; Apr. 19.
Walter, Emil J. (See Hiering, W. C., and Walter.)
Walters, Philip N., New York, N. Y., assignor to Gaco Corporation, East Greenwich, R. I. Bathing boat. 1,625,579; Apr. 19.
Wappler Electric Co. (See Mutscheller, Arthur, assignor.)
Warmoth, George W., Indianapolis, Ind. Compensating and drainage joint for pavements. 1,625,176; Apr. 19.
Waterman, Elmer E., Remus, Mich. Safety attachment for tractors. 1,625,005; Apr. 19.
Watson Experimental Laboratory Company, The. (See Locke, Edward B., assignor.)
Watt, Ralph E. (See Williams, L. H., and Watt.)
Wattawa, John M., Manitowoc, Wis. Bait box. 1,625,006; Apr. 19.
Waugh Equipment Co. (See Waugh, James M., assignor.)
Waugh, James M., assignor to Waugh Equipment Co., Chicago, Ill. Draft-gear unit. 1,625,177; Apr. 19.
Weaver, Samuel E., Brooklyn, N. Y. Oil burner. 1,625,067; Apr. 19.
Weeber, Christian F., Albany, N. Y. Fuel system for internal-combustion engines. 1,625,007; Apr. 19.
Weeks, Wallace M., et al. (See De Wallace, Harry, assignor.)
Weeks, Wallace M., assignor of one-half to J. A. Pease, Skaneateles, N. Y. Bottle closure. 1,625,110; Apr. 19.
Wehn, Charles E., assignor to Listo Pencil Corporation, Alameda, Calif. Pencil. 1,625,513; Apr. 19.
Weinaug, Emile, and R. L. Macfarlane, assignors of one-half to J. Sifven and one-half to W. E. Waechtler, San Francisco, Calif. Universal electric testing instrument. 1,625,111; Apr. 19.
Weinfeld, Charles, et al., executors. (See Herskovitz, Max.)
Weiss, Henry, Millbrae, Calif. Water cooler. Des. 72,508; Apr. 19.

Welch, William W., Livermore, Calif. Scraper. 1,625,382; Apr. 19.
Wertheimer, Max, Chicago, Ill. Toaster. 1,625,008; Apr. 19.
Western Electric Company. (See Bohn, H. E., and Fauquier, assignors.)
Western Electric Company. (See Bollinger, Charles, assignor.)
Western Electric Company. (See Brown, Alfred B., assignor.)
Western Electric Company. (See Gauthier, Ernest, assignor.)
Western Electric Company. (See Hosford, William F., assignor.)
Western Electric Company. (See Jordan, William C., assignor.)
Western Electric Company. (See Marwin, Alfred C., assignor.)
Western Electric Company. (See Mason, Sumner R., assignor.)
Western Electric Company. (See Maurer, Oswald H., assignor.)
Western Electric Company. (See O'Neill, Henry W., assignor.)
Western Electric Company. (See Potter, William H., assignor.)
Western Electric Company. (See Sager, John W., assignor.)
Western States Machine Company, The. (See Roberts, Eugene, assignor.)
Western Union Telegraph Company, The. (See Curtain, Leo P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodgkinson, Francis, assignor.)
Westingbouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
Westinghouse Lamp Company. (See Rentschler, H. C., and Marden, assignors.)
Wheaton, Harry S., Dallas, Iowa. Automatic safety window latch. 1,625,293; Apr. 19.
Wheeler, Bradley P., Duluth, Minn. Waste-heat boiler for regenerative furnaces. 1,625,112; Apr. 19.
Wheelock, Herbert K., Akron, Ohio. Sectional air bag. 1,625,383; Apr. 19.
Wheildon, William M., assignor to E. H. Angier, Framingham, Mass. Edge folder. 1,625,178; Apr. 19.
Wheildon, William M., assignor to E. H. Angier, Framingham, Mass. Mechanism for dispensing material from rolls. 1,625,179; Apr. 19.
Whitcomb, William H. (See Chandler, Daniel L., assignor.)
White, A. R., et al. (See Bowman, Lewis N., assignor.)
Whitecotton, Wallace W. (See Shelley, Thomas W., assignor.)
Whited, Harry W., Nacogdoches, Tex. Portable electric lumber and timber grade-marking device. 1,625,009; Apr. 19.
Whitehead & Kales Company. (See Putnam, Alden L., assignor.)
White Luggage Co. Inc. (See Wallinsky, Ossip J., assignor.)
Whitesides, Walter L., Long Beach, Calif. Folding table. 1,625,294; Apr. 19.
Whitmarsh, Frederick T., Blandford, England. Cheese-cutting device. 1,625,441; Apr. 19.
Wiggenhorn, Guido J., Los Angeles, Calif. Filter. 1,625,442; Apr. 19.
Wilcolator Company, The. (See Fonseca, Edward L., assignor.)
Willett, Charles G. (See Burns, David E., assignor.)
Williams, Arthur J., assignor of one-fourth to C. J. Cameron, one-fourth to W. F. Glenn, jr., and one-fourth to I. B. Glenn, Nashville, Tenn. Rotary engine. 1,625,233; Apr. 19.
Williams Company, The. (See Robbins, William H., assignor.)
Williams, Harold E., Carthage, Mo. Foldable rack. 1,625,694; Apr. 19.
Williams, Louis H., Camas, Wash., and R. E. Watt, Ontonagon, Mich. Smelter spout. 1,625,755; Apr. 19.
Williams, Pleasant P. (See Boardman, Frank E., assignor.)
Williams, William P. (See Estes, J. H., and Williams.)
Willners, John A., Philadelphia, Pa. Fuel burner. 1,625,635; Apr. 19.
Wilson, J. G., Corporation, The. (See Dodge, Arthur H., assignor.)
Winchester Repeating Arms Co. (See Tredwell, Charles A., assignor.)
Windell, George A. (See Shields, B. F., Crombie, and Windell.)
Windt, Rudolph T., St. Louis, Mo. Gas-burner-control mechanism. 1,625,010; Apr. 19.
Winter, Courtney P. (See Rosenthal, D. A., and Winter.)
Winters, Edgar W., assignor to The Non-Spi Company, Kansas City, Mo. Mailing carton. 1,625,756; Apr. 19.
Wirz, A. H., Inc. (See Barker, Edwin H., assignor.)
Wittgenstein, Gérard F., Zurich, Switzerland. Wireless apparatus. 1,625,234; Apr. 19.
Wolfe, Arthur H., West Philadelphia, Pa., and D. A Wolfe, Grand Rapids, Mich. Article container. 1,625,011; Apr. 19.
Wolfe, Clinton L., and J. A. Fauret, New York, N. Y. Foot-actuated switch. 1,625,068; Apr. 19.
Wolfe, Durward W. (See Wolfe, Arthur H. and D. A.)
Wolff, Joseph, Brooklyn, N. Y., assignor to Sonora Phonograph Company, Inc. Radiocabinet. Des. 72,504; Apr. 19.
Wonser, Jerry H., Port Angeles, Wash. Magazine lubricator. 1,625,180; Apr. 19.
Woodall, William T., and C. E. Girton, Cincinnati, Ohio; said Woodall assignor to said Girton. Device for joining or burning battery plates. 1,625,384; Apr. 19.
Woodstock Typewriter Company. (See Hokanson, Otto A., assignor.)
Woods, William H., Gable, S. C. Supporting device. 1,625,757; Apr. 19.
Worman, Albert, New York, N. Y. Aeroplane. 1,625,012; Apr. 19.
Worrell, Dwight E. (See Arras, G., and Worrell.)
Worth, Lew E. (See Shaffer, Daniel J., assignor.)
Wright, William, assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Car roof. 1,625,636; Apr. 19.
Wright, William H., Pittsburgh, Pa. Jug cover. 1,625,405; Apr. 19.
Wynn, Loyal L., Florence, Colo. Mechanical toy. 1,625,758; Apr. 19.
Yancey, Samuel H., Philadelphia, Pa., assignor to S. A. L. Allen & Co., Inc. See drill. 1,625,345; Apr. 19.
Yarnall-Waring Company. (See Thompson, Charles H., asignor.)
Yarrow, Harold E., Glasgow, Scotland. Steam superheater. 1,625,759; Apr. 19.
Youngstown Sheet and Tube Company, The. (See Thomas, Thomas C., assignor.)
Zellweger, John, St. Louis, Mo. Process and apparatus for inducing germination and growth of seeds and plants. 1,625,181; Apr. 19.
Zerga, Charles, Philadelphia, Pa. Shoe shank. 1,625,346; Apr. 19.
Zifferer, Lothar R., Columbia, Pa. Expansion bolt. 1,625,013; Apr. 19.
Zimmerman, Herman E. (See Holtom, Albert O., assignor.)
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Spur-hobbing machine. 1,625,580; Apr. 19.
Zimmermann, William F., Maplewood, N. J., assignor to Gould & Eberhardt, Newark, N. J. Fixed-angle helical-gear hobber. 1,625,581; Apr. 19.
Zink, Clyde M. (See Park, William B., assignor.)
Zublin, John A., Los Angeles, Calif. Reciprocating pump. 1,625,182; Apr. 19.
Zubrow, Simon, Philadelphia, Pa. Badge or like article. Des. 72,509; Apr. 19.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 19TH DAY OF APRIL, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Acids and other aliphatic acids, Manufacture of butyric. L. Le France. 1,625,732; Apr. 19.
Acoustic horn. J. Macartney and A. V. Hahn. 1,625,325; Apr. 19.
Adding machines, Automatic shuttle-control mechanism for. B. H. Tingley. 1,625,291; Apr. 19.
Addressing machines, Selective attachment for. E. A. Geiger, A. F. Schraegle, and H. T. Jennings. 1,625,358; Apr. 19.
Advertising device. G. Forde. 1,625,305; Apr. 19.
Advertising portfolio. L. Stein. 1,625,228; Apr. 19.
Aeroplane. A. Worman. 1,625,012; Apr. 19.
Aeroplane launching and landing apparatus. F. G. Diago. 1,625,020; Apr. 19.
Aeroplanes and other vehicles and its manufacture, Cooling radiator for. A. Lambiln. 1,625,665; Apr. 19.
Agricultural implements, Electric traction system for. F. Remy. 1,625,744; Apr. 19.
Air bag, Sectional. H. K. Wheelock. 1,625,383; Apr. 19.
Aircraft. F. Gaddis. 1,625,646; Apr. 19.
Aircraft, Control system for. J. H. Hammond, jr. 1,625,252; Apr. 19.
Air engine. J. M. Dapron. 1,625,457; Apr. 19.
Airplane and other aircraft body. A. Black. 1,625,701; Apr. 19.
Airplane body, Freight. A. Black. 1,625,700; Apr. 19.
Airplane wing construction. B. D. Thomas. 1,625,634; Apr. 19.
Airship and making the same buoyant. F. G. Birchard. 1,624,917; Apr. 19.
Album, Photographic. F. Huszto-Horvath. 1,625,724; Apr. 19.
Algin compounds and products produced derived therefrom, Producing. B. F. Erdahl. 1,625,301; Apr. 19.
Ambulatory repeating system. R. W. Morris. 1,624,966; Apr. 19.
Animal trap. T. W. Hulse. 1,625,027; Apr. 19.
Ash-handle equipment. O. S. Bowman. 1,624,909; Apr. 19.
Ash tray and lamp cap, Combination. L. Baskin and M. Sternberg. Des. 72,468; Apr. 19.
Astronomic navigation, Method and device for rapidly solving ordinary problems of. W. A. Loth. 1,625,369; Apr. 19.
Atomizing cleaner. W. J. Rudolph. 1,625,098; Apr. 19.
Automobile engine. S. I. Fekete and S. G. Balts. 1,625,718; Apr. 19.
Automobile lock. M. Farah. 1,625,249; Apr. 19.
Automobile lock. F. P. Vogt and E. C. Dorn. 1,625,109; Apr. 19.
Automobile radiator casing. A. O. Holtom. Des. 72,479; Apr. 19.
Automobiles, Cushion device for. J. A. O'Neill. 1,625,146; Apr. 19.
Automobiles, Lock for spare wheels of. F. W. Henke, jr. 1,625,657; Apr. 19.
Automobiles, Signaling and direction-indicating apparatus for. A. Rosenberg and W. Ollinger. 1,625,565; Apr. 19.
Awning fabric and making the same, Ornamental. A. Swanfeldt. 1,625,690; Apr. 19.
Badge or like article. S. Zubrow. Des. 72,509; Apr. 19.
Bag: *See*—
  Air bag. Hot-water bag.
Bag holder. C. C. Ludy. 1,625,480; Apr. 19.
Bailer dump. S. A. Rutner. 1,625,686; Apr. 19.
Bailer top, Swivel. F. J. Hinderliter. 1,624,948; Apr. 19.
Bait box. J. M. Wattawa. 1,625,006; Apr. 19.
Baking pan. H. B. Cramer. 1,625,525; Apr. 19.
Balancing machine. G. T. Johnson. 1,625,259; Apr 19.
Banjo. A. J. Bouchard. 1,625,887; Apr. 19.
Bars, Machine for cutting or severing metallic. F. Schiess. 1,625,748; Apr. 19.
Barrette. W. T. Battle. 1,625,587; Apr. 19.
Baseball game. H. C. Franke and R. C. Bangs. 1,625,200; Apr. 19.
Baskets, Backing for centrifugal. E. Roberts. 1,625,377; Apr. 19.
Baskets, Screen for centrifugal. E. Roberts. 1,625,376; Apr. 19.
Battery plates, Device for joining or burning. W. T. Woodall and C. E. Girton. 1,625,384; Apr. 19.
Bearing. W. J. Shaw. 1,625,568; Apr. 19.
Bed. J. L. Moore. 1,624,965; Apr. 19.
Bed, Adjustable sick. W. B. Gardiner. 1,625,534; Apr. 19.
Bed, Automobile. W. R. Bailey. 1,625,515; Apr. 19.
Bed, Collapsible camp. M. M. Larsen. 1,625,476; Apr. 19.
Belt and method and apparatus for forming the same, Round fabric. W. W. Bewsick. 1,625,348; Apr. 19.
Belting and its manufacture, Round fabric. A. H. De Voe. 1,624,932; Apr 19.
Belting, Link. H. A. House. 1,625,609; Apr. 19.
Beverages, Preparation of nonfermented. F. Hostettler. 1,625,542; Apr. 19.
Bill fold or similar article. L. Mayer. Des. 72,486; Apr. 19.
Billiard compass. J. A. Kaye. 1,625,770; Apr. 19.
Binder, Loose-leaf. H. B. McBee. 1,624,961; Apr. 19.
Binder, Loose-leaf. H. C. Sterling. 1,625,752; Apr 19.
Birdcage. L. J. Leon. Des. 72,482; Apr. 19.
Bit: *See*—
  Drill bit.
Blinds, Offsetting support for Venetian. A. H. Dodge. 1,625,021; Apr. 19.
Block: *See*—
  Take-up block.
Boat, Aluminum. F. L. and J. Friet. 1,625,598; Apr. 19.
Boat, Bathing. P. N. Walters. 1,625,579; Apr. 19.
Boat-retaining and releasing device. G. Menefee. 1,625,736; Apr. 19.
Bobbin-winding machine. L. E. Topham. 1,625,232; Apr. 19.
Boiler: *See*—
  Steam boiler.
Boiler, M. Morley. 1,625,046; Apr. 19.
Boilers, Blow-off device for steam. E. Caldwell. 1,625,707; Apr. 19.
Boilers, Sediment trap for. F. Conrad. 1,625,709; Apr. 19.
Bolt, Expansion. L. R. Zifferer. 1,625,013; Apr. 19.
Bombing attacks, System for carrying out mimic. A. W. Parsons. 1,625,678; Apr. 19.
Book, Double-entry and trial balance. F. H. Sterling. 1,625,105; Apr. 19.
Bottle. M. A. Klein. 1,625,728; Apr. 19.
Bottle. C. T. Long and A. C. Sohn. Des. 72,483; Apr. 19.
Bottle. A. B. Taylor and C. T. Long. Des. 72,503; Apr. 19.
Bottle closure. H. De Wallace. 1,625,594; Apr. 19.
Bottle closure. C. D. Lukens. 1,625,617; Apr. 19.
Bottle closure. W. M. Weeks. 1,625,110; Apr. 19.
Bottle container, Nursing. M. A. Wagner. 1,625,002; Apr. 19.
Bottles, Container for milk. J. E. Abbott. 1,625,183; Apr. 19.
Bowling alleys, Kick back for. F. Gessert. 1,625,599; Apr. 19.
Bowling-game apparatus. C. H. Panjeau. 1,625,676; Apr. 19.
Box: *See*—
  Bait box. Miter box.
  Candy box.
Box closer. J. E. Knopp. 1,625,033; Apr. 19.
Box wrappers, Assembling, tabbing, and applying composite. J. S. Stokes. 1,625,577; Apr. 19.
Brace and drill, Combination. C. W. Beamer. 1,625,517; Apr. 19.
Bracelet hook. L. E. Valcourt. 1,625,063; Apr. 19.
Bracelet, Watch. M. H. Sabin. Des. 72,496; Apr. 19.
Bracket: *See*—
  Hook bracket.
Brake: *See*—
  Hydraulic brake. V-section bandless brake.
Brake. M. F. Anderson and T. F. Clark. 1,625,584; Apr. 19.
Brake and jack, Automobile. C. Simmons. 1,625,226; Apr. 19.
Brake device. H. W. Jonkhoff. 1,625 727; Apr. 19.
Brake mechanism. W. J. Andres. 1,625,444; Apr. 19.
Brake mechanism. P. B. Camp. 1,624,924; Apr. 19.
Brake mechanism. F. W. Piché. 1,625,150; Apr. 19.
Brake mechanism, Slack adjuster for. W. S. Adams. 1,625,695; Apr. 19.
Brake shafts, Supporting means for drop. W. B. Hall. 1,625,206; Apr. 19.
Breaker arms, Making. J. C. Baker. 1,625,697; Apr. 19.
Breathing apparatus. G. S. McCaa. 1,625,419; Apr. 19.
Brushing and polishing machine. W. D. Lee. 1,625,667; Apr. 19.

Buckle and purse, Combined. B. H. Marcus. 1,625,040; Apr. 19.
Buckle, Belt. L. S. Chilson. 1,625,388; Apr. 19.
Buckle, Harness. J. W. Cronan. 1,625,389; Apr. 19.
Buildings, Device for use in moving. J. J. Roos. 1,625,161; Apr. 19.
Burner: *See*—
Cactus burner. Oil burner.
Fuel burner. Stove burner.
Hydrocarbon burner.
Burner. L. Wallstrom. 1,625,381; Apr. 19.
Burning-in machine. L. Lorenz. 1,625,037; Apr. 19.
Bushing, Automatic rotary spider. F. Hertzberg. 1,625,540; Apr. 19.
Cabinet, Toothbrush. R. H. Gindick. 1,625,202; Apr. 19.
Cable and trolley clamp. L. Johnston. 1,625,366; Apr. 19.
Cable hook. J. P. Ratigan. 1,625,155; Apr. 19.
Cable reel. C. O. Schooley. 1,625,503; Apr. 19.
Cactus burner. J. B. Blackwell. 1,625,702; Apr. 19.
Cake pan. N. R. Fulkerson. 1,624,941; Apr. 19.
Calipers, Micrometer. R. J. O. Simpson. 1,625,767; Apr. 19.
Call-distributing system. W. T. Powell. 1,625,624; Apr. 19.
Cameras, Plate carrier for multicolor. G. Lundberg. 1,624,959; Apr. 19.
Can body and forming the side seam thereof. C. Stollberg. 1,625,229; Apr. 19.
Can-body-making machine. J. F. Peters. 1,625,091; Apr. 19.
Can caps or the like, Separating device for. N. Loesel. 1,625,262; Apr. 19.
Can cleaning and drying apparatus. J. O'Connell and H. H. Kerr. 1,625,493; Apr. 19.
Can cover, Ventilated milk-. W. N. Snow. 1,625,287; Apr. 19.
Cans, Apparatus for washing ice-cream. C. G. Davis. 1,625,300; Apr. 19.
Candy box. J. M. Cooper. 1,625,102; Apr. 19.
Canopy holder. V. P. Nelson. 1,625,673; Apr. 19.
Cap, Boudoir. M. L. Peters. Des. 72,494; Apr. 19.
Cap spinning frame. R. Burgess. 1,625,320; Apr. 19.
Car-control mechanism, Dump-. W. E. Morey. 1,625,089; Apr. 19.
Car, Passenger. H. Albin. 1,625,443; Apr. 19.
Car roof. W. Wright. 1,625,636; Apr. 19.
Car-wheel clamp. E. and O. B. Mullins. 1,625,136; Apr. 19.
Carburetor. F. H. Barger. 1,625,516; Apr. 19.
Carburetor. E. A. Nelson. 1,625,141; Apr. 19.
Carburetor. W. T. Simpson. 1,625,572–4; Apr. 19.
Carburetor and fuel feeding system therefor. W. T. Simpson. 1,625,575; Apr. 19.
Carton, Display. J. J. Ryan and J. Gaffney. 1,625,687; Apr. 19.
Carton-feeding machine. J. M. and J. Schnur, F. Kesselring, and S. Jonischk. 1,625,057; Apr. 19.
Carton, Mailing. E. W. Winters. 1,625,756; Apr. 19.
Case: *See*—
Compact case. Vanity case.
Slug case. Violin case.
Casing cover and tool holder. F. W. Sadler. 1,625,774; Apr. 19.
Caster centering and retaining device. R. S. Kirkpatrick. 1,625,213; Apr. 19.
Casting table. H. R. Schutz. 1,625,164; Apr. 19.
Cathode and preparing the same, Electron-emitting. F. Holborn. 1,625,776; Apr. 19.
Cementitious material, Apparatus for molding. J. P. McKnight. 1,625,486; Apr. 19.
Centrifugal machine. L. D. Jones and A. U. Ayres. 1,625,613; Apr. 19.
Chain tightener and fastener, Automobile. G. Nichols. 1,624,967; Apr. 19.
Chair. M. Antrobus. Des. 72,464; Apr. 19.
Check-controlled lock. M. H. Richardson and A. E. Gebert. 1,624,980; Apr. 19.
Cheese, Apparatus for pressing. J. R. Meyers. 1,625,129; Apr. 19.
Cheese-cutting device. F. T. Whitmarsh. 1,625,441; Apr. 19.
Cheese in metal bandages, Making, curing, and shipping. J. R. Meyers. 1,625,130; Apr. 19.
Chopper: *See*—
Cotton chopper.
Circulating head. W. A. Trout. 1,625,172; Apr. 19.
Circuit closer. E. P. Birkholz. 1,625,017; Apr. 19.
Circuits, High-tension. H. B. Holthouse. 1,624,951; Apr. 19.
Clamp: *See*—
Cable and trolley clamp. Saw clamp.
Car-wheel clamp.
Cleaner: *See*—
Atomizing cleaner. Vacuum cleaner.
Tank cleaner. Yarn cleaner.
Thread cleaner.
Cleaning device, Combined scrubbing and vacuum. A. Onofrio. 1,625,147; Apr. 19.
Clock and watch movements, Timing device for the balance-wheel units of. W. E. Porter. 1,625,499; Apr. 19.
Closure fastener. H. E. Thompson. 1,625,507; Apr 19.
Clothes hamper. D. London. 1,625,668; Apr. 19.
Clutch-engaging device. A. J. Ersted. 1,625,769; Apr. 19.
Clutch, Friction. W. Geist. 1,625,201; Apr. 19.
Clutch, Machine-tool. L. F. Nenninger. 1,625,738; Apr. 19.
Clutch mechanism, Friction-. A. E. Robinson. 1,625,397; Apr. 19.
Clutch mechanism, Safety device for. J. B. Monahan. 1,625,045; Apr. 19.
Coal-loading machine. T. L. Johnson. 1,625,726; Apr. 19.
Coaster wagon, Convertible. F. A. Pearl. 1,625,422; Apr. 19.
Coat. I. Farlman. 1,625,355; Apr. 19.
Coil. M. B. Grout. 1,625,465; Apr. 19
Coil and support for same L. L. Karas. 1,625,212; Apr. 19.
Coloring means, Fire-flame-. J. A. Lahey. 1,625,475; Apr. 19.
Combustion apparatus. J. Good. 1,625,313; Apr. 19.
Combustion system. L. L. Scott. 1,625,629–30; Apr. 19
Compact case. C. N. Coryell. 1,625,114; Apr. 19.
Compact-powder holder. J. S. Lyon. 1,625,669; Apr 19.
Composite article and making the same. R. W. Seabury. 1,625,749; Apr. 19.
Concrete mixer. O. C. Barrymore and R. A. Daddisman. 1,625,762; Apr. 19.
Condensation products of urea and formaldehyde, Manufacturing homogeneous glasslike. K. Ripper. 1,625,283; Apr. 19.
Condenser-type heater. J. Price. 1,624,973; Apr. 19.
Container, Article. A. H. and D. A. Wolfe. 1,625,011; Apr. 19.
Container bodies, Process and apparatus for forming side seams on. L. R. McCann. 1,625,269; Apr. 19.
Container cover. W. G. Schneider. 1,625,335; Apr. 19.
Controlling apparatus E. A. Ulmann. 1,625,000; Apr. 19.
Conveyer. W. R. Bankson. 1,625,347; Apr. 19.
Conveyer-roller feed. M. O. Haeger. 1,625,653; Apr. 19.
Conveyer, Traveling. W. H. Robertson. 1,625,501; Apr 19.
Cooker. C. F. Smith and C. Edwards. 1,624,989; Apr. 19.
Cooking utensils, Handle for. A. F. Lee. 1,625,731; Apr. 19.
Corn planter. J. M. Ray. 1,625,390; Apr. 19.
Corrosion, Prevention of. S. Fowler and E. Edser. 1,624,938; Apr. 19.
Corrugated sheet, Welded composite. P. H. Trout. 1,625,061; Apr. 19.
Corset and brassière, Combined. J. J. Kispert. 1,625,664; Apr. 19.
Cotton chopper. R. S. McClintock. 1,625,087; Apr. 19.
Coupler-release rigging, Separable. A. F. O'Connor. 1,625,144; Apr. 19.
Coupler striking plate. J. J. Tatum. 1,624,998; Apr. 19.
Coupling: *See*—
Rod coupling. Shaft coupling.
Coupling device, Inductive. L. M. Hull and R. W. Seabury. 1,625,723; Apr. 19.
Couplings for rheostats and the like, Constructing. F. C. Hersee. 1,625,604; Apr. 19.
Couplings or pipe lines, Reenforcing means for flexible. J. C. Roddy. 1,625,684; Apr. 19.
Crane. K. Sieckmann. 1,624,988; Apr. 19.
Crank-shaping machines, Bull-gear inclosure for. G. H. Knight. 1,624,954; Apr. 19.
Crate, Bottle. H. H. and E. A. Gerding. 1,625,359; Apr. 19.
Cream separator. C. E. Benedict. 1,625,385; Apr. 19.
Cue tip and manufacture thereof. F. B. Seeberger. 1,624,984; Apr. 19.
Cultivator. M. Evans. 1,625,302; Apr. 19.
Cultivators, Quick-adjusting fender or shield lifter attachment for. P. Towns. 1,625,292; Apr. 19.
Current motor, Alternating-. C. Altwickler. 1,625,760; Apr. 19.
Cutter: *See*—
Fodder cutter. Pulp-web cutter.
Ment cutter. Weed and grass cutter.
Cutter for milk-bottle seal rings. A. C. Griscom. 1,625,603; Apr. 19.
Cylinder and lining construction. H. A. Gehres. 1,625,337; Apr. 19.
Cylinder gauge. R. J. O. Simpson. 1,625,401; Apr. 19.
Davenport, Bed. E. A. Velds. 1,625,437; Apr. 19.
Dial indicator. R. J. O. Simpson. 1,625,766; Apr. 19.
Diamond lap. E. Gauthier. 1,625,463; Apr. 19.
Die. G. L. Miller. 1,625,131; Apr. 19.
Dies, Making. A. R. Braden. 1,624,920; Apr. 19.
Differential drive. A. Lougheed. 1,625,264; Apr. 19.
Dimension gauge. H. Frauenthal. 1,625,462; Apr. 19.
Disinfecting or cleansing spray for hygienic and medical purposes, Producing a. J. Freng and E. Bergve. Re16,593; Apr. 19.
Dispensing machine. A. F. Files. 1,625,461; Apr. 19.
Dispensing material from rolls, Mechanism for. W. M. Wheildon. 1,625,179; Apr. 19.
Dispersing matter into finely-divided form. H. L. Glaze. 1,625,203; Apr. 19.
Display container. A. J. Tanner. 1,625,171; Apr. 19.

Display counter, Refrigerated. J. F. Barghausen. Re16,595; Apr. 19.
Display easel and tray. G. C. Gillan. 1,625,647; Apr. 19.
Display rack. N. Jensen. 1,625,544; Apr. 19.
Display stand. J. Stranders. 1,625,436; Apr. 19.
Distilling apparatus. E. V. Oliver. 1,625,222; Apr. 19.
Doll or similar article. J. G. Stokes. Des. 72,502; Apr. 19.
Door bumpers, Support for. H. C. Maise. 1,624,960; Apr. 19.
Door closer. T. Brady. 1,624,910; Apr. 19.
Door closure. T. Brady. 1,624,911; Apr. 19.
Door, Elevator. W. G. Miller. 1,624,964; Apr. 19.
Door, Hopper. R. Metcalf and M. Jones. 1,625,671; Apr. 19.
Door-operating mechanism. T. M. Ferguson. 1,625,250; Apr. 19.
Dough raiser. W. J. Loudenslager. 1,625,036; Apr. 19.
Drafting instrument. M. Maurer. 1,625,735; Apr. 19.
Drain trap. N. Morris. 1,625,561; Apr. 19.
Dress. M. Siegel. Des. 72,501; Apr. 19.
Drill: *See*—
Oil drill. Seed drill.
Drill bit. E. U. Keller. 1,625,030; Apr. 19.
Drying and storing dried material preparatory to processing, Method of and apparatus for. W. F. Hosford. 1,625,468; Apr. 19.
Drying and storing material, Method of and apparatus for. A. B. Brown. 1,625,451; Apr. 19.
Dyes and making same, Intermediate products for the synthesis of. H. Fritzsche, E. Krummenacher, H. Gubler, and O. Kaiser. 1,625,530; Apr. 19.
Dyes and making same, Intermediate products for the synthesis of azo. H. Fritzsche, E. Krummenacher, H. Gubler, and O. Kaiser. 1,625,531; Apr. 19.
Dyes and making same, Intermediate products for the synthesis of azo. H. Fritzsche, E. Krummenacher, H. Gubler, and O. Kaiser. 1,625,533; Apr. 19.
Dyes, Making intermediate products for the manufacture of azo. H. Fritzsche, E. Krummenacher, H. Gubler, and O. Kaiser. 1,625,532; Apr. 19.
Dyestuffs from aminodiphenylenoxide, Azo. E. Gliedenberg. 1,624,944; Apr. 19.
Dynamite magazine, Transportable. G. M. Norman. 1,625,491; Apr. 19.
Edge folder. W. M. Wheildon. 1,625,178; Apr. 19.
Electric circuits, Regulation of. F. L. Re Qua. 1,625,282; Apr. 19.
Electric condenser. H. E. Reppart. 1,625,094; Apr. 19.
Electric-conductor terminal. O. H. Maurer. 1,625,485; Apr. 19.
Electric-cord anchorage. W. P. Leahy. 1,625,477; Apr. 19.
Electric current, Converter of. F. G. Simpson. 1,625,504; Apr. 19.
Electric heater, Manifold. W. Besser. 1,625,448; Apr. 19.
Electric-light bulbs, Mask for. E. G. Chase. 1,625,591; Apr. 19.
Electric switch. J. A. Petnel. 1,625,149; Apr. 19.
Electric-switch mechanism, Time-controlled. L. T. Fenning. 1,625,411; Apr. 19.
Electric testing instrument, Universal. E. Weinaug and R. L. Macfarlane. 1,625,111; Apr. 19.
Electrical conductor. M. Latour. 1,625,125; Apr. 19.
Electrical-current-limiting system. F. W. Gay. 1,625,464; Apr. 19.
Electrical instrument for medical treatment. Y. Noishiki. 1,625,675; Apr. 19.
Electrical machines with split poles, Supporting housing for. H. Papst. 1,625,051; Apr. 19.
Electrical synchronizing system. E. L. Grunenwald. 1,625,314; Apr. 19.
Electrodeposition of chromium. C. Hambuechen. Re16,598; Apr. 19.
Electromagnetic switch. N. Togami. 1,625,509; Apr. 19.
Elevating apparatus, Portable. B. Stockfleth and F. W. Burger. 1,625,290; Apr. 19.
Elevators, Apparatus for controlling. F. E. Boardman. 1,625,073; Apr. 19.
Emulsion and making the same. D. Finley. 1,625,304; Apr. 19.
Engine: *See*—
Air engine. Oil engine.
Automobile engine. Rotary engine.
Internal-combustion engine.
Engine. J. B. Haynes. 1,625,638; Apr. 19.
Engine. C. C. Hansen. 1,625,654; Apr. 19.
Engines, Automatic charge-heating control for internal-combustion. D. P. Molony. 1,625,134–5; Apr. 19.
Engines, Automatic regulator for internal-combustion. L. Ferrette. 1,625,719; Apr. 19.
Engines, Cooling internal-combustion. W. W. Muir. 1,625,737; Apr. 19.
Engines, Fuel injector for internal-combustion. R. Hildebrand. 1,625,606; Apr. 19.
Engines, Fuel system for internal-combustion. C. F. Weeber. 1,625,007; Apr. 19.
Engines, Means or arrangement for supplying liquid fuel to internal-combustion. S. D. Olsen. 1,625,739; Apr. 19.
Engines, Oil refiner for internal-combustion. C. E. Lilley. 1,624,957; Apr. 19.
Engines, Speed reducer for internal-combustion. G. Fornaca. 1,625,596; Apr. 19.
Engines, Timer for internal-combustion. B. Volkmar. 1,625,001; Apr. 19.
Engines, Valve gear for steam. J. Stumpf. 1,625,632; Apr. 19.
Engines, Vaporizer for gasoline. R. H. Johnson. 1,625,661; Apr. 19.
Engines, Vaporizing apparatus for internal-combustion. J. Good. 1,625,312; Apr. 19.
Engraving machine. H. G. Turner. 1,625,062; Apr. 19.
Envelopes, Machine for forming, printing and assembling E. Conti. 1,625,350; Apr. 19.
Evaporation meter. R. L. Gilles. 1,625,310; Apr. 19.
Exerciser. T. S. Benice. 1,625,447; Apr. 19.
Expansion joint. J. P. McDonald. 1,625,557; Apr. 19.
Explosives, Container for. J. B. Spotswood and H. M. Gulick. 1,625,631; Apr. 19.
Fabrics, Loom for weaving pile. A. W. Spink and D. Crabtree. 1,624,993; Apr. 19.
Fastener. A. G. Anderson. 1,625,406; Apr. 19.
Fastener, Bag-frame. W. C. Hiering and E. J. Walter. 1,625,605; Apr. 19.
Fastening device. C. C. Jensen. 1,625,612; Apr. 19.
Fastenings, Machine for inserting. L. Holden. 1,625,363; Apr. 19.
Faucet. W. F. Van Ewerk. Des. 72,505; Apr. 19.
Faucet. C. N. Wagenseller. 1,625,404; Apr. 19.
Fence for highways, Protector. C. Edwards. 1,625,716; Apr. 19.
Fence machine. J. M. Denning. 1,625,244; Apr. 19.
Fiber packing. C. Restein. 1,625,095; Apr. 19.
Film feed, Intermittent. A. F. Victor. 1,625,065; Apr. 19.
Filter. G. J. Wiggenhorn. 1,625,442; Apr. 19.
Finger ring or article of similar nature. B. Gross. Des. 72,477; Apr. 19.
Firearms, Lead sight for. A. Storm. 1,625,060; Apr. 19.
Firearms, Trigger mechanism for. C. H. Barnes. 1,625,768; Apr. 19.
Fire escape, Automatic. G. Nykolyshak. 1,625,221; Apr. 19.
Fire extinguisher, Automatic. G. Matsushita. 1,625,086; Apr. 19.
Fishing rod, Telescopic. C. A. Tredwell. 1,625,510; Apr. 19.
Fixture, Adjustable. G. Arras and D. E. Worrell. 1,625,069; Apr. 19.
Fixture, Adjustable. G. Arras and D. E. Worrell.
Flap cutting and measuring machine. H. D. Stevens. 1,625,403; Apr. 19.
Floodlight, Flaming-arc. T. Hall. 1,625,315; Apr. 19.
Floor-surfacing machine. W. Paschall. 1,625,740; Apr. 19.
Flow meter. C. M. Anderson. 1,625,583; Apr. 19.
Fluid-controlling device, Automatic. A. P. Anderson. 1,625,185; Apr. 19.
Flushing tank. N. J. Gondolf. 1,625,311; Apr. 19.
Flying machines, Erection of wings and the like for. H. Junkers. 1,625,029; Apr. 19.
Fodder cutter. J. Dick. 1,625,194; Apr. 19.
Foldable rack. H. E. Williams. 1,625,694; Apr. 19.
Folding back rest. J. W. Sullivan. 1,625,106; Apr. 19.
Folding hook. H. L. Kast. 1,625,662; Apr. 19.
Folding machine. D. A. Rosenthal and C. P. Winter. 1,625,566; Apr. 19.
Folding table. W. L. Whitesides. 1,625,294; Apr. 19.
Food container. J. A. Donahoe. 1,625,196; Apr. 19.
Food products, Apparatus for treating D. R. Bailey. 1,625,070; Apr. 19.
Foot-actuated switch. C. L. Wolfe and J. A. Faurot. 1,625,068; Apr. 19.
Foot pad. W. T. Birch. 1,625,187; Apr. 19.
Foot switch. H. P. MacLagan. 1,625,481; Apr. 19.
Fork: *See*—
Power fork.
Frame: *See*—
Cap spinning frame.
Frame and body with hood for a baby carriage, Combined. H. F. Shaw. Des. 72,500; Apr. 19.
Fruit, Preserving. O. H. Hansen. 1,625,207; Apr. 19.
Fuel and making same. T. B. Mohler. 1,625,133; Apr. 19.
Fuel burner. J. A. Willners. 1,625,635; Apr. 19.
Fur and treating the same, Carroting. P. C. Donner. 1,625,458; Apr. 19.
Furnace. C. Bollinger. 1,625,450; Apr. 19.
Furnace. J. McLean. 1,624,962; Apr. 19.
Furnaces, Heating. F. Helbig. 1,625,082; Apr. 19.
Furnaces, Waste-heat boiler for regenerative. B. P. Wheeler. 1,625,112; Apr. 19.
Game. H. K. Owye. 1,624,970; Apr. 19.
Game apparatus for multisix-color game. A. Sandel. 1,625,055; Apr. 19.
Garment, Child's. M. C. Allen. 1,625,184; Apr. 19.
Garment press. F. Balzer. 1,625,071; Apr. 19.
Gas-burner-control mechanism R. T. Windt. 1,625,010; Apr. 16.
Gases, Apparatus for cooling by the expansion of. V. Cremieu. 1,625,712; Apr. 19.
Gases, Determining the heating value of combustible. H. W. Packard. 1,625,277; Apr. 19.
Gate construction. W. Hodde. 1,625,254; Apr. 19.
Gauge: *See*—
Cylinder gauge. Dimension gauge.
Gear, Draft. W. H. Cotton. 1,624,929; Apr. 19.

Gear hobber, Fixed-angle helical-. W. F. Zimmermann. 1,625,581; Apr. 19.
Gear, Transmission. G. T. Pollard. 1,625,564; Apr. 19.
Gear transmissions, Preselecting and shifting mechanism for sliding-. J. Blackburn. 1,625,188; Apr. 19.
Gear unit, Draft-. J. M. Waugh. 1,625,177; Apr. 19.
Glass-cleaning applicator. R. H. Van Sant. 1,625,174; Apr. 19.
Glass-melting furnaces, Pot for. G. Stein. 1,625,435; Apr. 19.
Glassware, Apparatus for shaping. R. W. Canfield. 1,625,590; Apr. 19.
Glue, Casein. A. C. Marwin. 1,625,483; Apr. 19.
Goblet or similar article. J. H. Venon. Des. 72,506–7; Apr. 19.
Golf court. W. W. Malloy. 1,625,265; Apr. 19.
Grain mixing and chemical-treating machine. O. Burgett. 1,625,521; Apr. 19.
Grain, seed, and the like, Portable apparatus for cleaning and grading. R. V. Judson. Re16,600; Apr. 19.
Grain separator. H. Mjolsness. 1,625,088; Apr. 19.
Grate, Fire. A. S. Lomshakoff. 1,625,556; Apr. 19.
Grinding machine. G. A. Oliver. 1,625,049; Apr. 19.
Guns, Automatic single-trigger mechanism for double-barrel. J. Kautzky, jr. 1,625,546; Apr. 19.
Guns, Mount for machine. T. M. Jervey and S. G. Green. 1,625,124; Apr. 19.
Guns, Regulating automatically sweeping fire in machine. J. Scheluto and F. J. J. Furnemont. 1,625,775; Apr. 19.
Gyral wheel. A. Moore. 1,625,327; Apr. 19.
Gyrocompass. J. B. Henderson. 1,625,361; Apr. 19.
Hair clippers, Attachment for. M. L. Ruff. 1,625,747; Apr. 19.
Hammer-blow steam trap. C. H. Thompson. 1,625,107; Apr. 19.
Hand and finger protector. G. G. Condon. 1,625,191; Apr. 19.
Hand, Artificial. H. E. Hodgson. 1,625,317; Apr. 19.
Hand bag or similar article. S. Haskell. Des. 72,478; Apr. 19.
Hand covering. G. A. Kurz. 1,625,368; Apr. 19.
Handle and the like, Molded. F. E. Layman. 1,625,322; Apr. 19.
Hanger: *See*—
Radiator hanger. Vehicle spring hanger.
Harrow. A. B. Janosek. 1,625,318; Apr. 19.
Harrow, Disk. P. Sweeney. 1,625,379; Apr. 19.
Hat. F. D. Maxwell. 1,625,670; Apr. 19.
Heading machine and body-conveying means. J. Brenzinger, and P. H. Lange. 1,625,639; Apr. 19.
Headlight. G. W. Draper. 1,625,246; Apr. 19.
Headlight construction. C. E. Godley. 1,625,648; Apr. 19.
Headlight shield. E. C. Neuendorf. 1,625,621; Apr. 19.
Headlights, Glare deflector for. N. R. Homyer and W. M. Homyer. 1,625,660; Apr. 19.
Headrest. F. E. Masters and W. A. Hussey. 1,625,267; Apr. 19.
Heat indicator for heated tools. R. Amodio. 1,625,014; Apr. 19.
Heater: *See*—
Condenser-type heater. Water heater.
Electric heater.
Heater for curling irons and the like. W. Meyer. 1,625,487; Apr. 19.
Heating device, Electric. R. E. Talley. 1,625,380; Apr. 19.
Heel, Spring. J. R. Nock. 1,625,048; Apr. 19.
High-voltage-line plants, Device for neutralizing the higher harmonics in. R. Rüdenberg and K. Kurda. 1,625,567; Apr. 19.
Hinge, Pivot spring. E. Bommer. 1,624,919; Apr. 19.
Hog greaser. H. B. Palm and B. L. Palm. 1,625,677; Apr. 19.
Hoisting apparatus, Roping for. F. Hymans. 1,625,084; Apr. 19.
Hollow articles and making the same, Flexible. A. E. Anderson. 1,625,582; Apr. 19.
Hook: *See*—
Bracelet hook. Folding hook.
Cable hook.
Hook bracket. J. J. Rhodes. 1,625,745; Apr. 19.
Hose holder. B. Hudgins. 1,625,255; Apr. 19.
Hot-water bag. T. Blunt. 1,625,018; Apr. 19.
Hot-water bottles, douche bags, etc., Making. F. T. Roberts. 1,625,395; Apr. 19.
Hot-water bottles, Making. W. E. Roberts. 1,625,396; Apr. 19.
Humidifier. W. H. Kelly. 1,625,663; Apr. 19.
Hydraulic brake. C. F. Mattingly. 1,625,418; Apr. 19.
Hydrocarbon burner. F. H. Schulenberg. 1,625,162; Apr. 19.
Hydrocarbons under pressure and a catalyzing agent, Apparatus for distilling. F. M. Hess. 1,625,467; Apr. 19.
Ignition systems and the like, Timer for. R. H. Reece. 1,624,975; Apr. 19.
Incubators, Moisture guide for. C. T. Patterson. 1,625,420; Apr. 19.
Index tab. J. H. Rand. 1,625,154; Apr. 19.
Indicator: *See*—
Dial indicator.
Insulating smoke pipes. L. E. Linhart. 1,625,734; Apr. 19.
Insulator. L. Fort. 1,625,645; Apr. 19.
Insulator. W. T. Goddard. 1,625,601; Apr. 19.
Internal-combustion engine. M. H. Blank. 1,625,189; Apr. 19.
Internal-combustion engine. W. F. Grumme. 1,625,205; Apr. 19.
Internal-combustion engine. T. G. Jackson. 1,624,952; Apr. 19.
Internal-combustion engine. V. Link. 1,625,261; Apr. 19.
Internal-combustion engine. H. E. McCray. 1,625,043; Apr. 19.
Internal-combustion engine. E. O. Spillman. 1,624,992; Apr. 19.
Internal-combustion engine, Forced-feed. G. Fornaca. 1,625,597; Apr. 19.
Iron: *See*—
Marceling iron. Waffle iron.
Steam-heated iron.
Ironing-board cabinet. G. Evans. 1,625,354; Apr. 19.
Jar handle and producing same. A. S. Huntington. 1,625,210; Apr. 19.
Jewelry, Article of. J. D. Reyes. 1,625,375; Apr. 19.
Joint: *See*—
Expansion joint. Pipe joint.
Jug cover. W. H. Wright. 1,625,405; Apr. 19.
Kettle, Cooking. J. Hardie. 1,625,655; Apr. 19.
Kit, Emergency. A. K. Kesaler. 1,625,547; Apr. 19.
Kit, Hypodermic. E. Lilly. 1,625,035; Apr. 19.
Knife, Corn. J. F. Cullison. 1,625,713; Apr. 19.
Knife with detachable blade. W. E. Nickerson. 1,625,778; Apr. 19.
Lacing-tipping machine. F. E. Burlingame. 1,625,522; Apr. 19.
Ladders, Extension foot for. C. A. Glover. 1,624,945; Apr. 19.
Lamp and clock case, Combination. J. D. Newland. Des. 72,489; Apr. 19.
Lamp and smoker's set, Combination. E. F. McCarthy. Des. 72,488; Apr. 19.
Lamp, Flash-light. P. Vierkötter. 1,625,108; Apr. 19.
Lamp for Cinematographic apparatus, Electric. J. Marrette. 1,625,619; Apr. 19.
Lamp holder, Electric-miniature-. R. Eckstein. 1,625,248; Apr. 19.
Lamp-post or similar article. H. Barkschat. Des. 72,466–7; Apr. 19.
Lamp support. R. M. Runge. 1,625,100; Apr. 19.
Lantern, Signal. P. Koroknay. 1,625,474; Apr. 19.
Last. W. P. Becker. 1,625,588; Apr. 19.
Lasts, Machine for operating on. F. E. Bertrand. 1,624,916; Apr. 19.
Latch, Automatic safety window. H. S. Wheaton. 1,625,293; Apr. 19.
Latch, Locker. J. B. O'Connor. 1,625,145; Apr. 19.
Laundry assorting rack. W. F. Harlow. 1,625,316; Apr. 19.
Laundry-handling device. E. Lane. 1,625,551; Apr. 19.
Leather and the like, Method and machine for coating. J. T. Smith. 1,625,434; Apr. 19.
Leather-working machine. W. E. Broughton. 1,624,921; Apr. 19.
Level and slope indicator, Blade-grader. J. Rail. 1,625,683; Apr. 19.
Lid and lifting device, Combination. M. Chovanec. 1,624,926; Apr. 19.
Lifting and hoisting device, Lineman's. S. P. Grant. 1,625,118; Apr. 19.
Lifting mechanism, Organized. R. L. Ramsey. 1,625,743; Apr. 19.
Light: *See*—
Flaming-arc flood light.
Light projector. C. F. Berthelsen. 1,625,763; Apr. 19.
Light-reactive apparatus. T. W. Case. 1,625,409; Apr. 19.
Lighting fixture. J. K. Riddle. 1,625,626; Apr. 19.
Lighting-fixture strap. M. Brown. Des. 72,471; Apr. 19.
Liquid by another, Process of and apparatus for treating one. S. J. Dickey. 1,625,195; Apr. 19.
Liquid fuel. L. N. Bowman. 1,625,236–7; Apr. 19.
Liquid meter. A. Monard. 1,625,489; Apr. 19.
Literary savings device. R. C. Requa. 1,625,053; Apr. 19.
Lock: *See*—
Automobile lock. Tire lock.
Check-controlled lock.
Lock-actuated switch. J. R. McLellan. 1,625,371; Apr. 19.
Lock and latch. O. A. Eastlack. 1,625,595; Apr. 19.
Locomotives, Joint for articulated. H. K. Harwick. 1,625,656; Apr. 19.
Locomotives, Reversing gear for. J. B. Holland. 1,625,364; Apr. 19.
Loom. A. Rigby. 1,625,156; Apr. 19.
Looms, Tension device for. J. Lucas. 1,625,039; Apr. 19.
Loud-speaker unit. G. R. Penn. 1,625,148; Apr. 19.
Lubricant. S. Fowler and E. Edser. 1,624,939; Apr. 19.
Lubricating device, Automatic. L. M. Clark. 1,625,074; Apr. 19.
Lubricator: *See*—
Magazine lubricator.
Luggage, Article of. O. J. Walinsky. 1,625,439; Apr. 19.
Lumber and timber grade marking device, Portable electric. H. W. Whited. 1,625,009; Apr. 19.
Machine for overcasting the edges of fabrics. C. Thero. 1,625,633; Apr. 19.

Machining double conical work pieces. K. Gottmanns. 1,625,650; Apr. 19.
Magazine lubricator. J. H. Wonser. 1,625,180; Apr. 19.
Magnetic material from nonmagnetic material, Apparatus mor separating. L. J. Ingolfsrud and W. H. Soule. 1,625,257; Apr. 19.
Mail crane. C. A. Mohnkern. 1,625,272; Apr. 19.
Mail crane. C. A. Mohnkern. 1,625,274; Apr. 19.
Mail cranes, Pouch-holding clamp for. C. A. Mohnkern. 1,625,273; Apr. 19.
Marceling iron. C. E. Wagner and B. G. Hofer. 1,625,440; Apr. 19.
Measure, Adjustable. R. E. Sandy. 1,625,056; Apr. 19.
Measuring, cost-computing, and winding machine, Ribbon. D. Turner. 1,624,173; Apr. 19.
Menthol, Manufacture of. K. Schollkopf. 1,625,771; Apr. 19.
Metal cutter. D. Turtle and M. Klitenick. 1,625,341; Apr. 19.
Metal parts, Apparatus for cleaning. L. Rosenberg. 1,624,982; Apr. 19.
Metal, Process of and apparatus for cleaning. S. R. Mason. 1,625,484; Apr. 19.
Metal, Rolling. N. W. Elliott. 1,625,643; Apr. 19.
Metal sheets or plates, Rolling mill for the production of. H. L. Davies and S. R. Cound. 1,624,931; Apr. 19.
Metallic structures, Repairing broken. R. Mattice. Re16,599; Apr. 19.
Meter: *See*—
Evaporation meter. Liquid meter.
Flow meter.
Meter and motor, Fluid. W. H. Richards. 1,625,428; Apr. 19.
Micrometer. F. Voigt. 1,625,175; Apr. 19.
Microphone. H. C. Hayes. 1,624,946; Apr. 19.
Milling machine for deseaming billets. F. J. Malone. 1,625,127; Apr. 19.
Mirror adjuster. C. M. Lee. 1,625,260; Apr. 19.
Mirror or similar article. W. S. Bechtold. Des. 72,469; Apr. 19.
Miter box. D. Pelletier. 1,625,424; Apr. 19.
Mixer: *See*—
Concrete mixer.
Mixing apparatus, Liquid-. E. T. Conant and L. S. McLane. 1,625,592; Apr. 19.
Molding, Holding. J. C. Abel. 1,625,637; Apr. 19.
Mosquito larvæ, Product for destroying. E. C. C. Roubaud and R. A. Veillon. 1,625,627; Apr. 19.
Motor: *See*—
Current motor. Wave motor.
Motor. H. P. Adle and P. Gilpin. 1,624,905; Apr. 19.
Motor-board suspension P. P. Henshall. 1,625,659; Apr. 19.
Motor controller. W. B. Park. 1,625,773; Apr. 19.
Motors, Speed-controlling mechanism for. C. B. Hutchison. 1,625,543; Apr. 19.
Musical instrument of the stringed type. R. A. Hazell. 1,625,538; Apr. 19.
Necktie and the like, Stretcher for. C. Snowdon and F. Brown. 1,625,059; Apr. 19.
Needle-straightening machine. W. Tivendale. 1,625,691; Apr. 19.
Nozzle and assembly, Exhaust. J. A. Secor. 1,625,102; Apr. 19.
Obstetric appliance. M. E. Ragg. 1,625,682; Apr. 19.
Oil and gas burner. L. G. Daniels. Re16,601; Apr. 19.
Oil and making same, Fluorescent. L. Lilienfeld. 1,625,415; Apr. 19.
Oil burner. W. E. Gibbs. 1,625,943; Apr. 19.
Oil burner. J. A. Kenworthy. 1,625,320; Apr. 19.
Oil burner. C. B. Longville. 1,625,217; Apr. 19.
Oil burner. F. Rix. 1,625,334; Apr. 19.
Oil burner. I. M. Sharp. 1,625,400; Apr. 19.
Oil burner. S. E. Weaver. 1,625,067; Apr. 19.
Oil drill, Collapsing. B. B. and E. R. Dudley. 1,625,247; Apr. 19.
Oil engine. O. A. Banner. 1,625,113; Apr. 19.
Oil wells, Casing head for. J. E. Snodgrass. 1,625,378; Apr. 19.
Oils and fats and products made therefrom, Emulsification of. R. Douglas and H. G. Loesch. 1,625,641; Apr. 19.
Oiler, Hand. A. R. Benton. 1,625,609; Apr. 19.
Ophthalmological apparatus. H. Clement and G. S. Dey. 1,625,075; Apr. 19.
Optical test chart. G. S. Dey. 1,625,076; Apr. 19.
Ornamental device. Illuminated. M. Herskovitz. 1,625,539; Apr. 19.
Oscillating device. J. L. Milton. 1,625,132; Apr. 19.
Oven, Baking. A. H. Ballard. 1,625,761; Apr. 19.
Oven, control, Thermostatic. E. L. Fonseca. 1,625,080; Apr. 19.
Ovens, Gas control for. E. O. Engels. 1,624,935; Apr. 19.
Package-holding device, Resilient. H. C. Naterman. 1,625,275; Apr. 19.
Package for transit, Method of and apparatus for bracing and securing merchandise. L. F. Hintz. 1,624,949; Apr. 19.
Packing and forming the same, Laminated. R. H. Thorne. 1,625,508; Apr. 19.
Pad: *See*—
Food pad.
Pan: *See*—
Baking pan. Cake pan.
Pan-making machine, Automatic. W. J. Roephe. 1,625,502; Apr. 19.
Paper-cup container. D. F. Curtin. 1,625,193; Apr. 19.
Paper-feeding apparatus. A. Broadmeyer. 1,624,912; Apr. 19.
Paper stock, Utilizing old. J. E. Plumstead. 1,625,279; Apr. 19.
Paper-tube-making machine. R. J. Jauch. 1,625,470; Apr. 19.
Paper-winding mechanism. A. N. Van Nostrand. 1,625,348; Apr. 19.
Parachute shroud lines, Method and apparatus for providing. L. L. Irvin. 1,625,725; Apr. 19.
Parcels, Closing. P. Gangler. 1,625,720; Apr. 19.
Pasteurizer. T. W. W. Forrest. 1,625,529; Apr. 19.
Pasteurizers, Valved outlet for. W. Ratezenstein. 1,625,765; Apr. 19.
Pastry dough. J. Fousek. 1,625,022; Apr. 19.
Pavements, Compensating and drainage joint for. G. W. Warmoth. 1,625,176; Apr. 19.
Peat, Dewatering. G. A. Schroter. 1,625,058; Apr. 19.
Peat, Making decorative material from. T. Viersen. 1,625,066; Apr. 19.
Pen. R. F. George. 1,624,942; Apr. 19.
Pencil. C. E. Wehn. 1,625,513; Apr. 19.
Penholder. M. Falco. 1,625,115; Apr. 19.
Phenol plastic or like compounds, Molding. H. E. Bohn and R. H. Fauquier. 1,625,449; Apr. 19.
Phonograph. S. Baldyzar. 1,625,446; Apr. 19.
Photography, Method and apparatus for producing films for color. J. Audibert. 1,625,586; Apr. 19.
Physiologically-active substances from ovaries, corpus luteum, and placenta, Manufacture of. M. Hartmann. 1,625,360; Apr. 19.
Piano mechanism, Player-. S. R. Harcourt. 1,625,253; Apr. 19.
Picker: *See*—
Stone picker.
Pickling ripe olives. H. de F. Olivarius. 1,625,494; Apr. 19.
Picture photography and projection, Motion-. A. Hernandez-Mejia. 1,624,947; Apr. 19.
Pine: *See*—
Suction pipe.
Pipe joint, Swivel. G. Gronner. 1,625,536; Apr. 19.
Pipes, and especially devices for applying the concrete, Production of concrete. A. Horten. 1,625,123; Apr. 19.
Piston. E. J. Hall. 1,625,119–20; Apr. 19.
Piston-ring contractor. M. Jelbert, jr. 1,625,258; Apr. 19.
Pitcher, Cream. A. C. Scavullo. Des. 72,498; Apr. 19.
Placard device. W. A. Frye and F. Heady. 1,625,309; Apr. 19.
Plastic and making same. L. Lilienfeld. 1,625,416; Apr. 19.
Plastic materials, Apparatus for forming. A. O. Austin and D. K. Macleod. 1,625,514; Apr. 19.
Plate or analogous article. H. E. Nock. Des. 72,490; Apr. 19.
Plate or similar article. F. Katz. Des. 72,480; Apr. 19.
Plate or similar article. M. J. Palm, jr. Des. 72,492; Apr. 19.
Plate or similar article. J. E. Phillips. Des. 72,493; Apr. 19.
Platens, Limit stop for shiftable. O. A. Hokanson. 1,625,607; Apr. 19.
Pliers. A. Kuttes. 1,625,615; Apr. 19.
Plow, Subsoil. W. L. Paul. 1,625,278; Apr. 19.
Pneumatic connecting device. M. Nanni. 1,625,372; Apr. 19.
Pneumatic tube. W. L. Fairchild. 1,625,460; Apr. 19.
Pocketbook. A. H. Shillman. 1,624,987; Apr. 19.
Pool tables, Pocket holder for. N. F. Rolley. 1,625,685; Apr. 19.
Powder-dusting machine. L. C. Stukenborg and J. H Cooper. 1,624,996; Apr. 19.
Power fork. S. Davey. 1,625,526; Apr. 19.
Press: *See*—
Garment press. Printing press.
Pressure containers, Discharge manifold for. W. C. McKeown. 1,625,044; Apr. 19.
Pressure intensifier, Fluid-. J. C. Solberg. 1,625,751; Apr. 19.
Print-bar mechanism. W. W. Lasker. 1,624,956; Apr. 19.
Print papers, Method and means for sensitizing. J. L. Cazares. 1,625,349; Apr. 19.
Printed products, Slow-down mechanism for. E. P. Sheldon. 1,624,985; Apr. 19.
Printing machines, Paper detector for. J. A. Hult. 1,625,256; Apr. 19.
Printing plate and producing the same, Photocollographic. M. de'Sperati. 1,625,714; Apr. 19.
Printing press, Automatic. A. J. Shickman, W. A. Thum, and W. L. Dempsey. 1,625,569; Apr. 19.
Printing presses, Control system for. E. W. Seeger. 1,625,225; Apr. 19.
Pulley. J. H. Lillon. 1,625,640; Apr. 19.
Pulley, Sash-weight. E. S. and P. M. Relland. Re16,594; Apr. 19.
Pulp-web cutter. W. A. Kelly. 1,625,472; Apr. 19.

Pulverizing machine. W. K. Liggett. 1,625,553–4; Apr. 19.
Pump. T. I. Potter. 1,625,153; Apr. 19.
Pump. M. J. Quinn. 1,625,500; Apr. 19.
Pump. W. J. Rudolph. 1,625,099; Apr. 19.
Pump, Air. J. W. Loy. 1,625,417; Apr. 19.
Pump, Air. W. J. Rudolph. 1,625,097; Apr. 19.
Pump, Oil. L. P. Kesselman. 1,625,031; Apr. 19.
Pump, Oil. A. W. Manzel. 1,625,618; Apr. 19.
Pump, Oil-well. C. B. Thurston. 1,625,230; Apr. 19.
Pump, Plunger. F. T. Costello. 1,625,299; Apr. 19.
Pump, Reciprocating. J. A. Zublin. 1,625,182; Apr. 19.
Pump, Tire. F. E. Reefe. 1,625,374; Apr. 19.
Puzzle, Cross-word. R. R. Lundy. 1,625,218; Apr. 19.
Rack: *See*—
Display rack. Laundry assorting rack.
Foldable rack.
Rack for holding warp threads. H. P. Eanes. 1,625,715; Apr. 19.
Rack-tooth-cutting machine. H. E. Sloan. 1,625,402; Apr. 19.
Radiator cap. H. S. Pardee. 1,625,497; Apr. 19.
Radiator hanger. W. F. Knox. 1,625,473; Apr. 19.
Radiocabinet. J. Wolff. Des. 72,504; Apr. 19.
Radiocondenser. A. S. Pinkus. 1,625,330; Apr. 19.
Radio receiving sets, Cabinet for. M. C. Lindemann. 1,625,478; Apr. 19.
Rail for locomotive stalls. T. Cardwell. 1,625,454; Apr. 19.
Railroad switch. F. O. Brown. 1,625,241; Apr. 19.
Railway and like fare system and means used therewith. A. J. Tanner. 1,625,170; Apr. 19.
Railway-crossing signal. J. H. Estes and W. P. Williams. 1,625,459; Apr. 19.
Railway-track construction. R. L. Spencer. 1,625,288; Apr. 19.
Railway-vehicle ash or other waste transfer method and apparatus. S. S. Riegel. 1,625,429; Apr. 19.
Rays of light, Diffusing and coloring. H. M. Bitr. 1,625,407; Apr. 19.
Razor, Electrical safety. W. P. Aron. 1,625,015; Apr. 19.
Razor-stropping device. V. L. Capwell. 1,625,408; Apr. 19.
Recentering device. H. Kettler. 1,625,032; Apr. 19.
Receptacle. G. H. Knowles. 1,624,955; Apr. 19.
Receptacle for carrying infants. T. H. Love. 1,625,038; Apr. 19.
Reed holder. F. Gretsch. 1,625,651; Apr. 19.
Reel: *See*—
Cable reel.
Reflector for Christmas-tree decoration. C. Kempf. Des. 72,481; Apr. 19.
Refrigerating apparatus. T. I. Potter. 1,624,972; Apr. 19.
Regulator: *See*—
Window regulator.
Reversing mechanism. S. Vernet. 1,625,512; Apr. 19.
Rheostat. E. H. Bobo. 1,625,703; Apr. 19.
Rheostat. A. F. C. Lotz. 1,625,479; Apr. 19.
Rim, and attachment therefor, Wheel. A. L. Putnam. 1,624,974; Apr. 19.
Road planer. H. C. Pickel. 1,624,971; Apr. 19.
Road-scraper-adjusting mechanism. D. E. Burns. 1,625,019; Apr. 19.
Rock drill and automatic hammer and boring machine, Electric-driven. E. P. Jones. 1,625,211; Apr. 19.
Rod: *See*—
Fishing rod.
Rod coupling. C. O. Mast. 1,625,266; Apr. 19.
Roll-forming machine, Vienna-. C. Gottfried. 1,625,649; Apr. 19.
Roof-flashing sealing and retaining device. G. W. Schaeffer. 1,625,688; Apr. 19.
Rope for hoisting apparatus, Compensating. F. Hymans. 1,625,083; Apr. 19.
Rotary engine. A. J. Williams. 1,625,233; Apr. 19.
Rubber articles, Making hollow. F. T. Roberts. 1,625,394; Apr. 19.
Rubber articles, Method of and apparatus for making hollow. J. Schaefer. 1,625,398–9. Apr. 19.
Rubber, Utilizing waste. J. W. Ames. 1,624,913; Apr. 19.
Ruler, Pants and pocket. C. Capuano. 1,625,453; Apr. 19.
Ruling machine and the like, Feeding mechanism for. A. Broadmeyer. 1,625,239; Apr. 19.
Sack closure. G. Möller. 1,625,772; Apr. 19.
Sand-testing tool. C. Newburn. 1,625,674; Apr. 19.
Sanitary napkin or the like. E. H. Thomas. Re16,603; Apr. 19.
Sash fastener. J. J. Bradley. 1,625,238; Apr. 19.
Saw clamp. E. N. Large. 1,625,666; Apr. 19.
Sawmill-dog-actuating mechanism. J. M. Brophy. 1,625,240; Apr. 19.
Scale. W. F. Stimpson. 1,624,995; Apr. 19.
Scale, Counting. E. R. Locke. 1,625,126; Apr. 19.
Scraper. W. W. Welch. 1,625,382; Apr. 19.
Screw-driver attachment. A. W. Staupe. 1,625,227; Apr. 19.
Seal and making the same. S. A. Hamnett. 1,625,468; Apr. 19.
Seed drill. S. H. Yancey. 1,625,345; Apr. 19.
Seeds and plants, Process and apparatus for inducing germination and growth of. J. Zellweger. 1,625,181; Apr. 19.
Selsmograph. N. H. Ricker. 1,625,625; Apr. 19.
Separator: *See*—
Cream separator. Grain separator.
Sewing machine. L. E. Topham. 1,625,231; Apr. 19.
Sewing machines, Hemmer for. F. Thomas. 1,625,753; Apr. 19.
Sewing machines, Presser foot for. W. B. Long. 1,625,616; Apr. 19.
Shades, curtains, and drapes, Adjustable rod support for. L. H. Robinson. 1,625,160; Apr. 19.
Shaft coupling. K. F. Ungerer. 1,625,511; Apr. 19.
Shafts, Universal joint for. G. H. E. de Ram. 1,625,410; Apr. 19.
Sharpener, Knife. W. H. McCall. 1,625,219; Apr. 19.
Sharpening tongs, Reversible disk. I. H. Farmer. 1,625,199; Apr. 19.
Sheet metal or the like, Feeder for. W. W. Leach. 1,625,085; Apr. 19.
Sheets, Method and mechanism for delivering and stacking. M. A. Droitcour. 1,625,642; Apr. 19.
Shelf, Antproof. F. W. French. 1,625,412; Apr. 19.
Shim. J. Karmazin. 1,625,545; Apr. 19.
Shingle, Flexible. W. Freegard. 1,625,308; Apr. 19.
Shipping cases, Packing unit for. E. E. Maston. 1,625,620; Apr. 19.
Ships, Life-saving means for sunken. B. M. Bonilla. 1,625,704; Apr. 19.
Shock-absorbing device. B. F. Shields, C. G. Crombie, and G. A. Windell. 1,625,570; Apr. 19.
Shocker. B. C. Berry. 1,625,386; Apr. 19.
Shoe lace. C. T. E. Gould. 1,625,204; Apr. 19
Shoe shank. C. Zerga. 1,625,346; Apr. 19.
Shoe sole. E. Calvin. Des. 72,474; Apr. 19.
Shoe soles, Machine for. G. A. Holmes. 1,625,026; Apr. 19.
Sideboard. M. Antrobus. Des. 72,465; Apr. 19.
Sign. J. Lemke, jr. 1,625,216; Apr. 19.
Sign, Illuminated. E. Carraine. 1,625,708; Apr. 19.
Signal: *See*—
Railway-crossing signal. Vehicle signal.
Signal. T. F. Vest. 1,625,693; Apr. 19.
Signal apparatus. R. W. Burdsall. 1,624,923; Apr. 19.
Signal casing, Direction-. J. W. Dunlap. Des. 72,476; Apr. 19.
Signal device. J. M. Mele. 1,624,963; Apr. 19.
Signal switch, Collision-. O. C. and E. R. Stump. 1,625,505; Apr. 19.
Signaling current, Modulating. E. L. Chaffee. 1,625,296; Apr. 19.
Silk and the like, Manufacture of artificial. F. C. Niederhauser and A. E. Sonderland. 1,625,562; Apr. 19.
Single-chamber clearance unloader. W. Preilwitz. 1,625,681; Apr. 19.
Slip handles, Shields for casing-. W. S. Pine. 1,625,152; Apr. 19.
Slug case. H. D. Seibert. 1,625,285; Apr. 19.
Slumber bed, cooling board, and casket support, Combined undertaker's. M. C. Hoard. 1,624,950. Apr. 19.
Smelter spout. L. H. Williams and R. E. Watt. 1,625,755; Apr. 19.
Snap fastener. H. Spengler. 1,625,104; Apr. 19.
Socket, Single-pin. P. E. Fenton. 1,625,303; Apr. 19.
Sole-laying machine, Pneumatic. A. Demnitz. 1,625,527; Apr. 19.
Soot-blower connection. C. W. E. Clarke. 1,624,927; Apr. 19.
Sorting device. G. W. Cox, jr. 1,625,711; Apr. 19.
Sorting machine. E. Voshurgh. 1,625,438; Apr. 19.
Sound record. F. C. Hinckley. 1,625,705; Apr. 19.
Spacing table. W. A. Lacke. 1,625,215; Apr. 19.
Spark-plug attachment. R. C. Floyd. 1,624,937; Apr. 19.
Spectacle temple, Extendible. L. A. Page. 1,625,650; Apr. 19.
Spectacles. L. C. King. 1,625,614; Apr. 19.
Speed-control mechanism. J. E. Renholdt. 1,625,093; Apr. 19.
Speedometer, Magnetic. J. K. Olsen. 1,625,142; Apr. 19.
Spindle machine, Multiple-tool-. S. W. Fish. 1,625,116; Apr. 19.
Spinning machines, Oiler for. J. R. Milson. 1,625,488; Apr. 19.
Spinning, twisting, and winding machinery, Thread guide for. E. Elliott and H. Roebuck. 1,624,934; Apr. 19.
Spools, reels, bobbins, and the like, Core for. H. W. Archer. 1,625,585; Apr. 19.
Spoon, Baby. M. W. Walker. 1,625,003; Apr. 19.
Spotlight mounting. R. R. Freund. 1,625,413; Apr. 19.
Spray nozzle. M. W. McArdle. 1,625,042; Apr. 19.
Spring wheel. W. J. Belsel. 1,625,518; Apr. 19.
Spring wheel. O. Hines. 1,625,025; Apr. 19.
Spring wheel. C. F. Méndez. 1,625,270–1; Apr. 19.
Sprinkler tops, Reenforcement for. E. H. Barker. 1,625,016; Apr. 19.
Spur-hobbing machine. W. F. Zimmermann. 1,625,580; Apr. 19.
Stabilizer. J. M. Seawell. 1,625,224; Apr. 19.
Stand: *See*—
Display stand.
Stand for a drinking set or similar article. P. Scheiner. Des. 72,499; Apr. 19.

Static eliminator. J. Astrom and V. L. Tannehill. 1,625,445; Apr. 19.
Steam boiler. F. W. Kronenberg. 1,625,549; Apr. 19.
Steam-heated iron. A. Graf. 1,625,535; Apr. 19.
Steam-power system. B. Schroeder. 1,625,336; Apr. 19.
Steam superheater. H. E. Yarrow. 1,625,759; Apr. 19.
Steel. O. Pattermann. 1,625,741; Apr. 19.
Steel sheets, Manufacture of. W. E. Caugherty. 1,625,524; Apr. 19.
Steel-wool machine. W. H. Robbins. 1,625,158; Apr. 19.
Steel-wool-removing machine. W. H. Robbins. 1,625,159; Apr. 19.
Steering gear, Coaster-wagon. F. A. Pearl. 1,625,421; Apr. 19.
Stencil-cylinder machine, Revolving. V. Rosato. 1,625,064; Apr. 19.
Still, Water. E. V. Oliver. 1,625,223; Apr. 19.
Stocking. W. D. Butz. 1,625,523; Apr. 19.
Stoker air control. O. O. Nygaard. 1,625,276; Apr. 19.
Stoker, Mechanical. W. M. Duncan. 1,625,077–9; Apr. 19.
Stone picker. H. Morris. 1,625,560; Apr. 19.
Stop for rotating parts. E. M. Shinkle. 1,625,571; Apr. 19.
Stopper made of pasteboard, Waxed milk-bottle. C. and L. M. Bradley. 1,625,706; Apr. 19.
Storage batteries, Indicator for. R. D. Mowry. 1,625,047; Apr. 19.
Store equipment, Self-serving-. R. T. Morris. 1,625,490; Apr. 19.
Stove burner, Gas-. H. W. O'Dowd. 1,625,623; Apr. 19.
Stove-door construction. A. J. Reedy. 1,624,976; Apr. 19.
Stove, Gas. J. Copilovich. 1,625,298; Apr. 19.
Stoves, Automatic lighting means for gas. J. Copilovich. 1,625,297; Apr. 19.
Strainer, Digester. P. R. Panzl. 1,625,373; Apr. 19.
Strainer, Duplex. F. Hall. 1,625,024; Apr. 19.
Straw spreader. T. Dugan. 1,625,353; Apr. 19.
Strawboard, Manufacture of. M. E. Pennington and A. B. Davis. 1,625,090; Apr. 19.
Street occurrences, Investigating. G. E. Marshall. 1,625,041; Apr. 19.
Suction pipe, Telescoping. G. C. Stacy. 1,625,576; Apr. 19.
Suction sheet-pick-up mechanism. C. W. Tremper. 1,625,578; Apr. 19.
Sugar content in cane juices, Recovering. C. G. Petree. 1,625,680; Apr. 19.
Sugar tolerance, Product and testing. A. Seaton and W. O. Rader. 1,625,165; Apr. 19.
Supporting device. W. H. Woods. 1,625,757; Apr. 19.
Surgical appliance. H. G. Gould and K. D. Obenshain. 1,625,602; Apr. 19.
Swimmers, Webbed hand for. A. H. Lake. 1,625,730; Apr. 19.
Switch: *See*—
Electric switch. Lock-actuated switch.
Electromagnetic switch. Railway switch.
Foot switch. Signal switch.
Foot-actuated switch.
Switch. P. K. Cramblet. 1,625,456; Apr. 19.
Switch and lamp regulator, System having combined automatic. W. A. Turbayne. 1,624,999; Apr. 19.
Syringe, Surgical. L. D. Smith. 1,624,990; Apr. 19.
Table: *See*—
Casting table. Spacing table.
Folding table.
Tack-supplying mechanism. A. M. Long. 1,624,958; Apr. 19.
Tag-stringing machines and the like, Feeding mechanism for. H. L. Roberts. 1,625,157; Apr. 19.
Take-up block. E. Thomas. 1,625,506; Apr. 19.
Tank: *See*—
Flushing tank.
Tank cleaner. E. J. Hahn. 1,625,721; Apr. 19.
Tank for separating oil and water from gas. F. A. Ray. 1,625,052; Apr. 19.
Tanks, Locking cap for. H. L. Groesbeck. 1,625,652; Apr. 19.
Tanks, Making hot-water. G. F. Schwartz. 1,624,983; Apr. 19.
Tap grinder. H. E. Durkee. 1,624,933; Apr. 19.
Tape or ribbon working machine. W. F. Hosford. 1,625,469; Apr. 19.
Telautograph apparatus. A. N. Van Nostrand. 1,625,342; Apr. 19.
Telegraph and telephone system, Wireless. C. Speaker. 1,624,991; Apr. 19.
Telegraph system. C. L. Farles. 1,624,936; Apr. 19.
Telegraph system. H. W. O'Neill. 1,625,495; Apr. 19
Telephone attachment. H. B. Redfield. 1,625,333; Apr. 19.
Telephone-exchange system. W. C. Jordan. 1,624,953; Apr. 19.
Telephone system, Automatic. J. I. Bellamy. 1,625,235; Apr. 19.
Telephone system, Automatic. T. G. Martin. 1,625,482; Apr. 19.
Telephone system, Automatic. R. G. Richardson. Re16,602; Apr. 19.
Telephone systems, Trunk-selecting switch for. C. J. Pracht. 1,625,425; Apr. 19.
Television, Method and apparatus for. O. B. Blackwell and J. Herman. 1,624,918; Apr. 19.
Textile and other materials, Waterproofing. C. J. Moreton. 1,625,672; Apr. 19.
Textile fabric. M. Dubost. Des. 72,475; Apr. 19.
Thermochemical treatment and apparatus therefor, Furnacing in. C. B. Jacobs. 1,625,610; Apr. 19.
Thrasher, Standing-grain. H. T. Ingram. 1,625,365; Apr. 19.
Thread cleaner. P. Daugert, H. Frey, and J. J. Dunleavy. 1,625,352; Apr. 19.
Throttle-control mechanism. J. S. Payne. 1,625,563. Apr. 19.
Tile closure. H. Scarth. 1,625,628; Apr. 19.
Timber, Apparatus for drying and seasoning. A. M. Kobiolke. 1,625,548; Apr. 19.
Time-switch mechanism. H. D. Thomas. 1,625,339; Apr. 19.
Timer. V. H. Mathes. 1,625,268; Apr. 19.
Timer. A. E. Richards. 1,624,979; Apr. 19.
Tire. T. S. Caldwell. Des. 72,472–3; Apr. 19.
Tire. T. C. Marshall. Des. 72,484–5; Apr. 19.
Tire. L. C. Snyder. 1,625,750; Apr. 19.
Tire, Automobile. G. D. Pearson. 1,625,679; Apr. 19.
Tire casings for motor vehicles, Manufacturing. E. Hopkinson and W. J. Steinle. 1,625,122; Apr. 19.
Tire cover. L. H. Cross. 1,625,593; Apr. 19.
Tire, Cushion. J. McIlwaine. 1,625,558; Apr. 19.
Tire lock, Automobile. F. W. Henke, jr. 1,625,658; Apr. 19.
Tire, Resilient. E. W. Perry. 1,625,742; Apr. 19.
Tire valve. D. W. Beechtel. 1,624,914; Apr. 19.
Tire-valve casings, Making. E. G. Oakley. 1,625,492; Apr. 19.
Tires, Manufacture of cushion. G. F. Fisher. 1,625,644; Apr. 19.
Tires, Manufacture of semisolid rubber. R. Gollert. 1,625,117; Apr. 19.
Toaster. M. Wertheimer. 1,625,008; Apr. 19.
Toaster, Electric. C. P. Randolph. Des. 72,495; Apr. 19.
Toilet-paper-roll holder. O. R. Boynton. 1,625,190; Apr. 19.
Toilet-powder shaker. E. A. Pollion. 1,625,092; Apr. 19.
Tong-operating safety appliance. W. C. Erwin and C. H. Sweet. 1,625,528; Apr. 19.
Tongs. J. H. Krum. 1,625,729; Apr. 19.
Tool. L. Vingheroets. 1,625,344; Apr. 19.
Tool, Combination. N. Vello. 1,625,064; Apr. 19.
Tool for cutting and removing pipe from wells. G. Kammerer. 1,625,414; Apr. 19.
Tool for cutting and removing pipe from wells. J. B. Reilly and C. H. Stone. 1,625,391–2; Apr. 19.
Tool for cutting pipe in wells. J. B. Reilly and C. H. Stone. 1,625,393; Apr. 19.
Toothbrush. F. L. Gullickson. 1,625,537; Apr. 19.
Torch, Aseptic lighting. W. Geulen. 1,625,356; Apr. 19.
Torch, Welding. R. D. McIntosh. 1,625,128; Apr. 19.
Toy. W. H. Sherrod. 1,624,986; Apr. 19.
Toy, Aeronautic. L. H. Strayer. 1,625,167; Apr. 19.
Toy, Figure projecting. A. Robinson. 1,625,430; Apr. 19.
Toy, Goat and darkie. W. D. Bludworth. Des. 72,470; Apr. 19.
Toy, Mechanical. L. L. Wynn. 1,625,758; Apr. 19.
Toy, Mechanically-operated. L. Marx. 1,625,326; Apr. 19.
Toy, Wheeled. J. A. Sauser. Des. 72,497; Apr. 19.
Tractors, Safety attachment for. E. E. Waterman. 1,625,005; Apr. 19.
Trailer. J. F. Higbee. 1,625,209; Apr. 19.
Train-pipe coupler. R. T. Lowe. 1,625,370; Apr. 19.
Transmission cover for Fords. R. A. Linquist. 1,625,555; Apr. 19.
Transmission mechanism. E. B. Oliver. 1,624,968; Apr. 19.
Trap: *See*—
Animal trap. Hammer-blow steam trap.
Drain trap.
Trap. H. J. Corson. 1,625,710; Apr. 19.
Tray for relish or the like, Service. W. L. Orme. Des. 72,491; Apr. 19.
Tray, Watch-crystal. T. Tobita. 1,625,754; Apr. 19.
Trick device, Escape. T. P. Brunner. 1,625,452; Apr. 19.
Tricycle. H. C. Hennie. 1,624,915; Apr. 19.
Tricycle. T. W. Shelley. 1,625,337; Apr. 19.
Trimming articles. W. H. Potter. 1,625,332; Apr. 19.
Trousers supporter. H. M. Siegel. 1,625,166; Apr. 19.
Trucks, Hoisting mechanism for dump. J. E. Reid and C. L. Nein. 1,624,977–8; Apr. 19.
Trunk hasp. S. P. Durkins. 1,625,351; Apr. 19.
Tub. B. H. Darrow. Re16,597; Apr. 19.
Tubs, Washing attachment for. T. R. Frattallone. 1,625,306; Apr. 19.
Tube: *See*—
Pneumatic tube.
Tube boiler, Vertical fire-. O. S. Bowman. 1,624,908; Apr. 19.
Tube ironing and gripping device. R. J. Jauch. 1,625,471; Apr. 19.
Tubes, Mold and method for constructing continuous. B. C. Seaton. 1,625,284; Apr. 19.
Turbine-blade shrouding. H. F. Schmidt. 1,625,433; Apr. 19.
Turbine, Elastic-fluid. F. Hodgkinson. 1,625,541; Apr. 19.
Turbine, Elastic-fluid. F. Lösel. 1,625,263; Apr. 19.

Turbines, Control for steam. C. R. Waller. 1,625,004; Apr. 19.
Turnstile apparatus, Coin-controlled and change-making. D. L. Chandler. 1,625,242; Apr. 19.
Turpentine, Manufacture of a substitute for. L. L. Odom. 1,625,622; Apr. 19.
Typewriting machine. A. G. F. Kurowski. 1,625,321; Apr. 19.
Typewriting machine. H. L. Pitman. 1,625,331; Apr. 19.
Typewriting machine. J. A. B. Smith. 1,625,338; Apr. 19.
Typographical composing machine. C. A. Albrecht. 1,625,606; Apr. 19.
Uncoupling device. A. F. O'Connor. 1,625,143; Apr. 19.
Underreamer, Rotary. M. C. Hazard. 1,625,208; Apr. 19.
Vacuum cleaner. F. J. Oslus. 1,624,969; Apr. 19.
Valve. L. H. Kennon and L. J. Langdon. 1,625,367; Apr 19.
Valve, Automatic gas. C. M. Lee. 1,625,323; Apr. 19.
Valve, Combined speed-regulating and mixing. A. E. and P. E. Raqué. 1,625,281; Apr. 19.
Valve for refrigerating apparatus. M. H. Loughridge. 1,625,324; Apr. 19.
Valve, Grease-cup. A. B. Fairchild. 1,625,717; Apr. 19.
Valve structure. G. W. Spangler. 1,625,689; Apr. 19.
Valve structure, Rotary. P. G. Frazier. 1,625,307; Apr. 19.
Valves, faucets, and the like, Silencer or flow regulator for. R. E. Bletcher and E. H. Bucknell. 1,625,589; Apr. 19.
Valves, Packing for gate. W. H. Barton. 1,625,698; Apr. 19.
Vanity case. J. S. Corry. 1,625,455; Apr. 19.
Vaporizer. N. Lawner. 1,625,034; Apr. 19.
Vehicle bumper. F. J. Laher. 1,625,550; Apr. 19.
Vehicle, Dump-body. C. E. Packard. 1,625,496; Apr. 19.
Vehicle signal. E. R. Linehan. 1,625,733; Apr. 19.
Vehicle spring hanger. W. R. Gardner. 1,625,023; Apr. 19.
Vehicles, Axle connection for. L. B. Neighbour. 1,625,139; Apr. 19.
Vehicles, Brake for. N. Kuchen. 1,625,777; Apr. 19.
Vehicles, Brake mechanism for. F. W. Piché. 1,625,151; Apr. 19.
Vehicles, Method of and device for preventing the skidding of self-propelled road. I. L. Rosenthal. 1,625,746; Apr. 19.
Vehicles, Sanding device for power. E. Hesc. 1,625,362; Apr. 19.
Vehicles, Traction device for motor. C. H. Hyatt. 1,625,028; Apr. 19.
Vehicles, Turning signal for road. A. Roberts. 1,624,981; Apr. 19.
Velocipede. P. Kuhnel. 1,625,214; Apr. 19.
Vending machine, Coin-controlled. C. Nadworney. 1,625,138; Apr. 19.
Ventilator. J. H. Bourgon. 1,624,907; Apr. 19.
Violin case. T. H. Stark. 1,624,994; Apr. 19.
Vises to posts, poles, or the like, Apparatus for securing. J. E. Kenerson. 1,625,319; Apr. 19.
V-section bandless brake. F. W. Smith. 1,625,103; Apr. 19.
Waffle iron, Quick-action. L. Cortz. 1,625,243; Apr. 19.
Wall shield, Radiator. H. G. Sweitzer. 1,624,997; Apr. 19.
Warp-drawing machine. H. D. Colman. 1,624,928; Apr. 19.
Washing machine. H. W. Routson. 1,625,096; Apr. 19.
Watch movements provided with jewel-insetting or plug holes, Manufacturing process of making blanks for. H. Colomb. Re16,596; Apr. 19.
Watch, Stem-winding and stem-setting. W. E. Porter. 1,625,498; Apr. 19.
Water cooler. H. Weiss. Des. 72,508; Apr. 19.
Water heater. D. J. Shaffer. 1,625,286; Apr. 19.
Water softener, Automatic C. P. Eisenhauer. 1,625,198; Apr. 19.
Water-softening apparatus. C. P. Eisenhauer. 1,625,197; Apr. 19.
Wave motor. H. L. Booth. 1,625,519; Apr. 19.
Waves, Receiving system for compressional. H. G. Dorsey. 1,625,245; Apr. 19.
Weather stripping. M. E. Bosley. 1,625,764; Apr. 19.
Weed and grass cutter. P. J. Haas. 1,625,081; Apr. 19.
Weeds, Composition for killing certain. R. T. Holmes. 1,625,608; Apr. 19.
Weeder. J. A. Talbot. 1,625,168–9; Apr. 19.
Weight and buffer, Combined whip. C. W. Lewis. 1,625,552; Apr. 19.
Well points, Making. T. C. Thomas. 1,625,340; Apr. 19.
Well-testing tool. C. T. Neitzel. 1,625,140; Apr. 19.
Wheel: *See*—
Gyral wheel.
Spring wheel.
Wheel-cleaning device. D. C. Mulvihill. 1,625,137; Apr. 19.
Wheel-shaping device operating by rolling movements, Bevel-. M. Harbeck. 1,625,722; Apr. 19.
Wheels, Alignment device for automobile. W. S. Rosenfeld. 1,625,431; Apr. 19.
Whipstock. F. I. Getty. 1,625,600; Apr. 19.
Winding mechanism. J. W. Sager. 1,625,432; Apr. 19.
Window. A. A. Jahr. 1,625,611; Apr. 19.
Window construction. J. and B. T. Mesker. 1,625,220; Apr. 19.
Window draperies, Valance for. F. W. Oehrle. 1,625,329; Apr. 19.
Window-hanging device. H. B. Stein. 1,625,289; Apr. 19.
Window platform. J. F. Peckenpaugh. 1,625,423; Apr. 19.
Window regulator. T. P. Archer and E. E. Heintz. 1,625,186; Apr. 19.
Window retainer. J. Cantori. 1,625,295; Apr. 19.
Windshield J. Bauer. 1,624,906; Apr. 19.
Wire cutter and making it, Pile-. M. B. Behrman. 1,625,072; Apr. 19.
Wire in definite lengths, Machine for deforming. W. F. Frech. 1,624,940; Apr. 19.
Wire-working machine. S. C. Cary. 1,624,925; Apr. 19.
Wireless apparatus. G. F. Wittgenstein. 1,625,234; Apr. 19.
Wood preservative. L. P. Curtin. 1,624,930; Apr. 19.
Wooden container. J. H. Proctor. 1,625,280; Apr. 19.
Workholder. B. Fodge. 1,625,251; Apr. 19.
Woven fabric. E. Meyer. Des. 72,487; Apr. 19.
Wrench. L. T. Broyles. 1,624,922; Apr. 19.
Wrench. R. L. McNerney. 1,625,559; Apr. 19.
Wringer attachment. F. B. Schuyler. 1,625,101; Apr. 19.
X-ray machine, Convertible. A. Mutscheller. 1,625,328; Apr. 19.
X-ray tubes, Target for. H. C. Rentschler and J. W. Marden. 1,625,426–7; Apr. 19.
Yarn cleaner. H. E. Van Ness. 1,625,692; Apr. 19.
Yeast and the product thereof, Treating and preparing. F. M. Hildebrandt. 1,625,121; Apr. 19.

CLASSIFICATION OF PATENTS

ISSUED APRIL 19, 1927.

NOTE.—First number=class, second number=subclass, third number=patent number.

1— 6: 1,624,958
2— 30: 1,625,664
75: 1,625,184
97: 1,625,355
169: 1,625,368
176: 1,625,670
3— 12: 1,625,317
4— 44: 1,625,311
173: R. 16,597
5— 12: 1,625,437
64: 1,625,534
114: 1,624,965
118: 1,625,515
119: 1,625,476
178: 1,624,950
8— 21: 1,625,458
9— 6: 1,625,598
21: 1,625,579
21.5: 1,625,730
23: 1,625,736
12— 37: 1,625,527
139: 1,625,588
15— 8: 1,624,969
21: 1,625,137
49: 1,625,607
50: 1,625,147
133: 1,625,174
176: 1,625,537
250: 1,624,906
16— 39: 1,625,213
52: 1,624,910
86: 1,624,960
119: 1,625,322
182: 1,624,919
196: 1,625,289
210: R. 16,594
212: 1,625,640
18— 1: 1,625,466
1,625,522
35: 1,625,399
45: 1,625,383
47.5: 1,625,066
54: 1,625,502
55: 1,625,117
1,625,449
56: 1,625,284
1,625,395
1,625,396
1,625,398
20— 19: 1,624,964
69: 1,625,764
79: 1,625,187
89: 1,625,749
92: 1,625,612
23— 79: 1,625,610
24— 30.5: 1,625,772
69: 1,624,967
132: 1,625,729
143: 1,625,204
150: 1,625,303
191: 1,625,388
211: 1,625,406
216: 1,625,104
232: 1,625,155
233: 1,625,063
243: 1,625,774
263: 1,625,540
25— 3: 1,625,514
30: 1,625,123
41: 1,625,486
27— 13: 1,625,207
28— 42: 1,625,715
44: 1,624,928
66: 1,625,692
70: 1,625,352
29— 4.5: 1,625,158
1,625,159
17: 1,624,931
80.4: 1,625,258
88.2: 1,625,344
89: 1,625,251
157: 1,625,492
157.4: 1,624,983
177: R. 16,596
30— 1: 1,625,747
9: 1,625,081
1,625,713
30— 9: 1,625,778
12: 1,625,015
22: 1,625,003
31— 48: 1,625,441
88: 1,625,130
33— 1: 1,625,369
11: 1,625,453
25: 1,625,062
51: 1,625,060
75: 1,625,735
125: 1,625,725
133: 1,625,173
147: 1,625,462
164: 1,625,175
178: 1,625,401
1,625,766
1,625,767
203: 1,626,431
204: 1,625,361
215: 1,625,583
34— 30: 1,625,548
46: 1,625,451
1,625,468
35— 12: 1,625,041
36— 38: 1,625,048
71: 1,625,346
37— 132: 1,625,382
155: 1,625,019
174: 1,624,971
40— 10.5: 1,625,333
17: 1,625,154
21: 1,625,551
33: 1,625,305
68: 1,625,309
131: 1,625,407
132: 1,625,474
1,625,708
140: 1,625,216
41— 14: 1,625,092
17: 1,625,600
25: 1,625,586
41.5: 1,625,714
42— 42: 1,625,546
69: 1,625,768
43— 67: 1,625,027
72: 1,625,710
148: 1,624,996
44— 2: 1,625,020
9: 1,625,236
1,625,237
14: 1,625,133
27: 1,625,058
45— 18: 1,625,260
50: 1,625,682
52: 1,625,478
116: 1,625,294
46— 40: 1,625,430
45: 1,625,758
47— 17: 1,625,181
49— 35: 1,625,590
39: 1,625,164
60: 1,625,435
50— 38: 1,625,089
51— 63: 1,625,408
95: 1,624,933
124: 1,625,049
176: 1,625,740
206: 1,625,463
52— 23: 1,625,475
53— 5: 1,625,731
6: 1,624,941
1,625,525
7: 1,625,070
8: 1,624,926
1,625,655
54— 55: 1,625,389
55— 17: 1,625,500
81: 1,625,318
82: 1,625,379
56— 419: 1,625,386
58— 72: 1,625,498
60— 67: 1,625,004
95: 1,625,336
62— 4: 1,625,185
37: R. 16,595
92: 1,625,712
115: 1,624,972
63— 1: 1,625,375
64— 91: 1,625,410
1,625,511
65— 31: 1,625,405
66— 182: 1,625,523
67— 31: 1,625,108
68— 10: 1,625,354
26: 1,625,535
32: 1,625,101
70— 29: 1,625,595
90: 1,625,109
1,625,652
122: 1,625,657
1,625,658
127: 1,625,249
72— 66: 1,625,628
118: 1,625,637
73— 24: 1,625,310
37: 1,625,583
51: 1,625,259
1,625,499
54: 1,625,420
98: 1,625,428
118: 1,625,014
165: 1,625,056
184: 1,625,277
74— 7: 1,624,968
1,625,094
1,625,264
1,625,596
14: 1,625,096
1,625,299
1,625,512
27: 1,625,364
34: 1,625,564
39: 1,625,188
1,625,563
56: 1,624,954
1,625,555
64: 1,625,609
66: 1,624,932
108: 1,625,119
1,625,120
1,625,357
113: 1,625,206
75— 1: 1,625,741
76— 78: 1,625,666
85: 1,625,199
89: 1,625,219
101: 1,625,340
107: 1,624,920
77— 13: 1,625,032
23: 1,625,116
78— 81: 1,625,131
80— 8: 1,625,332
54: 1,625,643
81— 5.1: 1,625,064
41: 1,625,319
127: 1,625,559
134: 1,624,922
189: 1,625,391
1,625,392
1,625,393
1,625,414
82— 1: 1,625,650
83— 11: 1,625,553
1,625,554
26: 1,625,480
73: 1,625,762
84— 130: 1,625,253
272: 1,625,387
296: 1,624,538
85— 2.4: 1,625,013
87— 9: 1,624,939
17: 1,625,483
88— 1: 1,625,693
14: 1,625,625
16.4: 1,624,947
18.4: 1,625,065
20: 1,625,075
1,625,076
41: 1,625,614
52: 1,625,050
89— 2: 1,625,775
40: 1,625,124
90— 3: 1,625,402
4: 1,625,580
90— 4: 1,625,581
9: 1,625,722
21: 1,625,127
91— 27: 1,625,434
68: 1,625,672
69: 1,625,349
92— 3: 1,625,090
7: 1,625,373
13: 1,625,279
38: 1,625,472
93— 6: 1,625,461
1,625,720
36: 1,625,577
62: 1,625,350
80: 1,625,470
1,625,471
94— 17: 1,625,176
18: 1,625,557
95— 2: 1,624,959
97— 22: 1,625,087
72: 1,625,278
144.1: 1,625,168
1,625,169
188: 1,625,292
1,625,302
98— 2: 1,624,907
99— 1: 1,625,494
2: 1,625,529
8: 1,625,207
10: 1,625,022
1,625,121
11: 1,625,542
1,625,641
12: 1,624,930
100— 57: 1,625,129
101— 48: 1,625,358
53: 1,625,256
55: 1,625,509
93: 1,624,956
116: 1,625,054
102— 12: 1,625,631
103— 5: 1,625,031
52: 1,625,153
64: 1,625,519
175: 1,625,500
179: 1,625,182
180: 1,625,230
126— 96: 1,625,743
152: 1,625,556
190: 1,624,976
164: 1,625,347
105— 175: 1,625,656
249: 1,625,671
251: 1,625,089
341: 1,625,443
127— 57: 1,625,680
369: 1,624,949
128— 23: 1,625,356
1,625,491
191: 1,625,419
214: 1,624,990
106— 40: 1,625,416
107— 8: 1,625,649
57: 1,625,761
108— 5.4: 1,625,636
7: 1,625,308
26: 1,625,688
110— 40: 1,625,077
1,625,078
1,625,079
44: 1,625,276
72: 1,625,082
97: 1,625,046
111— 51: 1,625,390
112— 16: 1,625,633
141: 1,625,753
134— 1: 1,624,938
180: 1,625,231
240: 1,625,616
56: 1,625,622
113— 9: 1,625,269
11: 1,625,091
29: 1,625,639
99: 1,625,384
112: 1,625,229
1,625,697
114: 1,625,262
114— 16.7: 1,625,372
1,625,704
116— 41: 1,624,981
45: 1,624,963
52: 1,625,733
67: 1,625,459
118— 10: 1,624,934
118— 62: 1,625,520
119— 157: 1,625,677
120— 18: 1,625,513
101: 1,625,115
68: 1,625,672
114: 1,624,942
121— 44: 1,625,457
50: 1,625,654
76: 1,625,233
97: 1,624,905
167: 1,625,632
122— 7: 1,625,112
27: 1,625,429
37: 1,624,908
292: 1,625,450
318: 1,625,286
379: 1,624,927
382: 1,625,707
406: 1,625,549
480: 1,625,759
498: 1,624,962
123— 25: 1,625,205
32: 1,625,113
33: 1,625,606
51: 1,624,952
55: 1,625,597
75: 1,625,638
80: 1,625,307
90: 1,625,261
118: 1,624,975
119: 1,625,007
120: 1,625,281
122: 1,625,134
1,625,135
1,625,189
1,625,312
1,625,313
139: 1,625,739
148: 1,624,951
149: 1,625,132
169: 1,625,054
174: 1,625,102
178: 1,625,737
188: 1,624,992
195: 1,625,043
1,625,500
1,625,718
190: 1,624,957
196— 96: 1,625,743
152: 1,625,556
190: 1,624,976
242: 1,624,909
275: 1,624,989
282: 1,625,036
314: 1,625,734
341: 1,625,443
127— 57: 1,625,680
128— 23: 1,625,356
191: 1,625,419
214: 1,624,990
258: 1,625,018
290: R. 16,603
326: 1,625,602
129— 4: 1,624,961
16: 1,625,711
20: 1,625,724
24: 1,625,752
130— 27: 1,625,365
132— 32: 1,625,440
48: 1,625,587
82: 1,625,669
83: 1,625,114
1,625,455
134— 1: 1,624,938
1,625,304
1,625,622
135— 5.1: 1,625,673
136— 182: 1,625,047
137— 20: 1,625,385
21: 1,625,592
1,625,765
103: 1,625,107
104: 1,625,516
139: 1,625,010
139— 114: 1,625,156
141: 1,625,039
387: 1,625,329
140— 26: 1,625,244
73: 1,624,925
1,624,940
144: 1,625,603
141— 7: 1,625,300
1,625,493
143— 47: 1,624,988
89: 1,625,424
125: 1,625,240
144— 93: 1,624,916
288: 1,625,029
145— 52: 1,625,227
66: 1,625,517
146— 109: 1,625,194
148— 12: 1,625,524
149— 16: 1,624,921
150— 1: 1,625,668
28: 1,624,987
34: 1,625,651
52: 1,625,191
54: 1,625,593
152— 8: 1,625,025
1,625,558
0 1,625,679
1,625,742
1,625,750
12: 1,624,914
13: 1,625,460
28: 1,625,270
1,625,271
50: 1,625,518
153— 17: 1,625,502
39: 1,625,691
154— 2: 1,625,394
1,625,508
1,625,582
12: 1,625,644
14: 1,625,122
45.5: 1,625,095
155— 131: 1,625,106
156— 17: 1,625,021
23: 1,625,160
158— 28: 1,625,629
1,625,630
33: 1,625,702
36.1: 1,625,575
56: 1,625,067
63: 1,625,217
76: 1,625,381
1,625,635
77: 1,625,334
1,625,400
81: 1,625,162
91: R. 16,601
1,624,943
92: 1,625,320
99: 1,625,623
104: 1,624,935
115: 1,625,297
1,625,298
274: 1,625,128
164— 10.5: 1,625,341
24: 1,625,026
39: 1,624,913
49: 1,625,403
95: 1,625,748
115: 1,625,215
166— 1: 1,625,140
14: 1,625,172
1,625,378
19: 1,624,948
1,625,686
167— 6: 1,625,608
1,625,627
7: 1,625,165
1,625,360
9: R. 16,593
169— 2: 1,625,086
171— 119: 1,625,282
209: 1,625,051
313: 1,624,999
172— 237: 1,625,567
239: 1,625,225

172— 280: 1,625,760
293: 1,625,314
173— 81: 1,625,125
251: 1,625,477
259: 1,625,485
314: 1,625,645
318: 1,625,601
358: 1,625,248
174— 89: 1,625,675
175— 41.5: 1,625,234
1,625,330
183: 1,625,111
294: 1,625,464
359: 1,625,212
1,625,465
176— 32: 1,625,619
51: 1,625,315
177— 329: 1,624,923
336: 1,625,073
339: 1,625,565
178— 6: 1,624,918
18: 1,625,342
51: 1,625,495
73: 1,624,936
179— 17: 1,625,235
18: R. 16,602
1,625,425
1,625,482
27: 1,624,953
1,625,624
115: 1,625,148
122: 1,624,946
27: 1,625,028
180— 7: 1,625,028
82: 1,625,005
181— 0.5: 1,625,245
27: 1,625,325
182— 8: 1,625,561
183— 2.7: 1,625,052
184— 27: 1,625,618
45: 1,625,180
89: 1,625,717
185— 45: 1,625,446
186— 1: 1,625,490
187— 11: 1,625,290
94: 1,625,084
188— 5: 1,625,226
16: 1,625,150
1,625,151
45: 1,625,136
71: 1,625,584
74: 1,625,103
107: 1,624,924
130: 1,625,570
140: 1,625,727
152: 1,625,418
156: 1,625,444
183: 1,625,543
187: 1,625,093
203: 1,625,695
251: 1,625,770
189— 66: 1,625,611
189— 60: 1,625,220
190— 41: 1,625,439
191— 12: 1,625,744
43: 1,625,366
192— 4: 1,625,671
68: 1,625,201
69: 1,625,738
77: 1,625,397
93: 1,625,769
131: 1,625,045
133: 1,625,071
193— 30: 1,625,576
194— 9: 1,625,339
74: 1,624,980
75: 1,625,138
92: 1,625,242
196— 40: 1,625,415
45: 1,625,195
54: 1,625,467
197— 65: 1,626,331
81: 1,626,607
135: 1,625,321
140: 1,625,338
198— 9: 1,625,726
62: 1,625,653
199— 45: 1,625,096
200— 6: 1,625,149
1,625,481
8: 1,625,773
26: 1,624,979
1,625,001
27: 1,624,268
40: 1,625,411
52: 1,625,017
1,625,068
1,625,505
54: 1,625,456
55: 1,625,371
87: 1,625,509
201— 55: 1,625,703
59: 1,625,479
203— 5: 1,625,222
1,625,223
204— 1: R. 16,598
1,625,484
8: 1,625,604
64: 1,625,380
206— 1: 1,625,011
14: 1,624,904
42: 1,624,955
43: 1,625,035
44: 1,625,171
1: 1,625,011
14: 1,624,904
42: 1,624,955
43: 1,625,035
44: 1,625,171
50: 1,625,687
59: 1,625,275
65: 1,625,196
208— 1: 1,625,327
42: 1,625,337
45: 1,624,915
113: 1,625,214
209— 12: R. 16,600
209— 89: 1,625,438
95: 1,625,088
223: 1,625,257
210— 24: 1,625,197
1,625,198
57: 1,625,709
76: 1,625,376
1,625,377
103: 1,625,442
168: 1,625,024
209: 1,625,721
211— 8: 1,625,193
14: 1,625,202
1,625,544
24: 1,625,316
1,625,436
27: 1,625,412
28: 1,625,647
1,625,754
31: 1,625,190
213— 30: 1,625,177
36: 1,624,929
60: 1,624,998
166: 1,625,144
170: 1,625,143
215— 1: 1,625,728
12: 1,625,183
38: 1,625,110
1,625,594
43: 1,625,617
48: 1,625,016
51: 1,625,706
100: 1,625,210
217— 19: 1,625,359
27: 1,625,020
76: 1,625,280
218— 15: 1,625,363
219— 10: R. 16,599
1,625,061
19: 1,625,008
1,625,243
22: 1,625,487
30: 1,625,009
38: 1,625,448
1,625,661
40: 1,625,034
220— 9: 1,625,002
20: 1,625,547
24: 1,625,497
35: 1,625,006
44: 1,625,287
48: 1,625,699
73.5: 1,625,044
101: 1,625,489
120: 1,625,343
19: 1,625,059
223— 26: 1,625,040
224— 29: 1,625,694
45: 1,625,038
227— 22: 1,625,221
228— 63: 1,624,945
229— 40: 1,625,756
43: 1,625,033
1,625,335
230— 24: 1,625,681
27: 1,625,097
1,625,099
1,625,374
233— 13: 1,625,613
235— 33: 1,625,170
58: 1,625,291
236— 15: 1,625,080
80: 1,625,000
237— 79: 1,624,907
238— 26: 1,625,288
122: 1,625,454
240— 10: 1,625,539
41: 1,625,246
1,625,648
1,625,763
45: 1,625,660
45.6: 1,625,631
48.6: 1,625,591
61: 1,625,413
78: 1,625,069
1,625,626
241— 9: 1,625,166
242— 20: 1,625,232
55: 1,625,469
68: 1,625,585
77: 1,625,503
78: 1,625,506
109: 1,625,343
158: 1,625,432
244— 1: 1,625,678
3: 1,674,917
12: 1,625,634
16: 1,625,646
17: 1,625,012
29: 1,625,252
30: 1,625,700
1,625,701
246— 416: 1,625,241
248— 7: 1,625,100
16: 1,625,659
17: 1,625,473
20: 1,625,163
1,625,757
24: 1,625,602
250— 9: 1,624,991
15: 1,624,966
17: 1,625,296
20: 1,625,445
27: 1,625,409
27.5: 1,625,776
34: 1,625,328
1,625,426
35: 1,625,427
36: 1,625,504
251— 35: 1,625,589
50: 1,625,608
144: 1,625,367
252— 1: 1,625,301
6: 1,625,203
253— 69: 1,625,263
78: 1,625,541
93: 1,625,433
254— 139: 1,625,118
178: 1,625,083
255— 1: 1,625,600
1,625,674
42: 1,625,211
35: 1,625,528
61: 1,625,030
75: 1,625,208
1,625,247
256— 54: 1,625,716
73: 1,625,254
257— 125: 1,625,665
236: 1,624,973
258— 23: 1,625,272
1,625,273
24: 1,625,274
259— 81: 1,625,821
260— 3: 1,625,283
27: 1,625,530
1,625,531
1,625,532
1,625,533
95: 1,624,944
120: 1,625,732
261— 46: 1,625,572
47: 1,625,141
64: 1,625,574
72: 1,625,573
104: 1,625,663
121: 1,625,306
263— 2: 1,625,037
264— 13: 1,625,142
265— 37: 1,625,126
69: 1,624,995
266— 7: 1,624,982
38: 1,625,755
267— 19: 1,625,023
35: 1,625,146
268— 52: 1,624,911
63: 1,625,250
126: 1,625,186
270— 39: 1,625,566
60: 1,624,985
93: 1,625,178
271— 12: 1,625,057
26: 1,625,578
27: 1,625,085
1,625,239
44: 1,625,157
46: 1,624,912
76: 1,625,642
272— 31: 1,625,167
1,625,326
272— 55: 1,624,986
79: 1,625,447
273— 12: 1,625,685
24: 1,625,770
37: 1,625,676
54: 1,625,599
70: 1,624,984
87: 1,625,265
93: 1,625,200
131: 1,624,970
1,625,055
158: 1,625,452
274— 41: 1,625,705
275— 8: 1,625,353
276— 44: 1,625,285
280— 3: 1,625,161
33.55: 1,625,209
87.5: 1,625,422
89: 1,625,224
113: 1,625,421
126: 1,625,139
281— 24: 1,625,228
29: 1,625,053
283— 1: 1,625,218
63: 1,625,105
285— 30: 1,625,404
58: 1,625,370
90: 1,625,684
167: 1,625,536
287— 109: 1,625,266
126: 1,625,510
291— 1: 1,625,746
3: 1,625,362
292— 54: 1,625,238
89: 1,625,605
173: 1,625,293
188: 1,625,145
228: 1,625,295
266: 1,625,507
281: 1,625,351
293— 55: 1,625,550
294— 15: 1,625,255
36: 1,625,615
82: 1,625,552
111: 1,625,526
131: 1,625,152
295— 21: 1,624,977
1,624,978
38: 1,625,496
299— 131: 1,625,042
301— 5: 1,624,974
304— 19: 1,625,745
24: 1,625,423
306— 87: 1,625,074
169: 1,625,488
172: 1,625,568
244: 1,625,545

○

Apr. 26, 1927

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

A. and W. Candy Company, Newark, N. Y. Candy. 227,103; Apr. 26; Serial No. 242,559; published Feb. 15, 1927.

Ackermann, G. A., Printing Co., Chicago, Ill. Multicolored printed paper stock. 227,137; Apr. 26.

Adams, Rachel L., Quitman, Ga. Hair tonic and grower and oil for the hair. 227,143; Apr. 26.

Advance Products Corporation, Chicago, Ill. Radiator caps. 227,082; Apr. 26; Serial No. 223,678; published Feb. 15, 1927.

Advance Thresher Co., Battle Creek, Mich., assignor to Advance-Rumely Company, La Porte, Ind. Agricultural machinery. 65,347–8; renewed Sept. 24, 1927.

Advance Thresher Co., Battle Creek, Mich., assignor to Advance-Rumely Company, La Porte, Ind. Traction engines and horse powers. 65,349–50; renewed Sept. 24, 1927.

Allbestos Corporation, Philadelphia, Pa. Brake linings. 227,040; Apr. 26; Serial No. 242,267; published Feb. 15, 1927.

Altman, Benjamin, assignor, by mesne assignments, to B. Altman & Co., New York, N. Y. Merinos and underwear made from same. 29,814; renewed Apr. 13, 1927.

American Cigar Company, New York, N. Y. Cigars. 227,109; Apr. 26; Serial No. 242,649; published Feb. 15, 1927.

American Hide and Leather Company, Boston, Mass. Bag and case leather. 226,984; Apr. 26; Serial No. 238,939; published Feb. 8, 1927.

American Hide and Leather Company, Boston, Mass. Side upper leather. 226,985; Apr. 26; Serial No. 238,940; published Feb. 8, 1927.

American Pharmaceutical Association, Baltimore, Md. Monthly publication. 226,962; Apr. 26; Serial No. 240,839; published Feb. 15, 1927.

American Seamless Tube Corporation of California, Los Angeles, Calif. Steel tubing. 226,971; Apr. 26; Serial No. 237,527; published Feb. 15, 1927.

American Steel Products Co., Macomb, Ill. Brooders. 226,952; Apr. 26; Serial No. 240,694; published Feb. 8, 1927.

American Sumatra Tobacco Corporation, New York, N. Y. Leaf tobacco. 227,117; Apr. 26; Serial No. 241,198; published Feb. 15, 1927.

American Waterproofing Company, The, Cincinnati, Ohio. Waterproofed fabrics. 227,004–5; Apr. 26; Serial Nos. 240,160–1; published Feb. 1, 1927.

Apex Electrical Manufacturing Company, The, Cleveland, Ohio. Clothes-washing machines, ironing machines, and clothes wringers. 227,091; Apr. 26; Serial No. 241,023; published Feb. 15, 1927.

Arnold, G. J., Bottlers' Supplies Co., St. Louis, Mo. Imitation maple sirup. 227,098; Apr. 26; Serial No. 240,899; published Feb. 15, 1927.

Arrow Products Company. (See Brown, Morris.)

Artophone Corporation, The, St. Louis, Mo. Phonograph mainsprings, reproducers, tone arms, and micas. 227,100; Apr. 26; Serial No. 236,589; published Jan. 11, 1927.

Atlantic Paper Company, Philadelphia, Pa. Paper used for printing, writing, bookkeeping, etc. 226,933; Apr. 26; Serial No. 241,555; published Feb. 15, 1927.

Atuyer, Bianchini, Frérier & Cie. to Bianchini Ferier, Lyon, France, successor. Textiles. 65,267; renewed Sept. 17, 1927.

Avery Rock Salt Mining Company, Avery Island, La. Salt. 226,945; Apr. 26; Serial No. 240,395; published Jan. 25, 1927.

Ballachey, George P., doing business as Margaret Burnham's, Oakland, Calif. Candy. 226,983; Apr. 26; Serial No. 238,833; published Feb. 15, 1927.

Banfil, William H., Boston, Mass. Portable fire extinguishers. 226,960; Apr. 26; Serial No. 237,218; published Feb. 15, 1927.

Barbour, Fred R., Los Angeles, Calif. Tents. 227,084; Apr. 26; Serial No. 224,691; published Feb. 8, 1927.

Barrett Company, The, New York, N. Y. Stains and stain-like paints for wood. 227,130; Apr. 26.

Bates, C. J., & Son, Chester, Conn. Nail files. 226,982; Apr. 26; Serial No. 238,698; published Feb. 8, 1927.

Bauer, J. A., Judsonia, Ark. Strawberry plants. 227,062; Apr. 26; Serial No. 233,718; published Feb. 8, 1927.

Beaver Falls Art Tile Company, Beaver Falls, Pa. Household appliances and fixtures. 227,145; Apr. 26.

Bender, Frank J., Forest Park, Ill. Apparatus for measuring quantity of milk passing through a pipe line. 227,089; Apr. 26; Serial No. 241,078; published Feb. 15, 1927.

Bennett Manufacturing Company, Alden, N. Y. Household cabinets. 227,051; Apr. 26; Serial No. 225,105; published Apr. 20, 1926.

Benton, F. E., & Co. (See Fullerton, Ernest M.)

Best & Co., Inc., New York, N. Y. Children's suits. 227,108; Apr. 26.

Blue Diamond Co., Los Angeles, Calif. Plaster. 227,059; Apr. 26; Serial No. 232,650; published Feb. 15, 1927.

Blue Ribbon Products Company. (See Phillips, Benjamin.)

Bogdanowicz, Adam K., doing business as Carpathian Medicine Company, Chicago, Ill. Preparation for purifying blood, indigestion, constipation, etc. 227,142; Apr. 26.

Bollerine, Limited, London, England. Detergent. 226,960; Apr. 26; Serial No. 240,482; published Feb. 15, 1927.

Bovril Limited, London, England. Extracts and essences of meat. 63,090; renewed June 4, 1927.

Bowles, Elizabeth, Los Angeles, Calif. Preparation. 227,149; Apr. 26.

Bradley, Smith Company, The, New Haven, Conn. Confectionery. 65,393; renewed Sept. 24, 1927.

Brown, Morris, doing business as Arrow Products Company, Philadelphia, Pa. Malt sirup. 227,049; Apr. 26; Serial No. 242,519; published Feb. 15, 1927.

Bucklen, H. E. & Company, Chicago, Ill., to H. E. Bucklen & Company, New York, N. Y. Remedies for certain diseases. 63,072; renewed June 4, 1927.

Bucklen, H. E., & Company, Chicago, Ill., to H. E. Bucklen & Company, New York, N. Y. Medicinal preparations for certain diseases. 63,444; renewed June 18, 1927.

Bunte Brothers, Chicago, Ill. Candy. 227,112; Apr. 26; Serial No. 242,704; published Feb. 15, 1927.

Burma-Vita Co., assignor to Burma-Vita Company, Minneapolis, Minn. Shaving cream. 227,135; Apr. 26.

Burn Oil Laboratory. (See McAteer, James W.)

Burnham's, Margaret. (See Ballachey, George P.)

Bushnell, Alvah, assignor to Alvah Bushnell Company, Philadelphia, Pa. Paper, filing and mailing containers made from the same, such as envelopes, etc. 227,065; Apr. 26; Serial No. 191,670; published Feb. 15, 1927.

California Art Supply Company, Palo Alto, Calif. Plastic clays. 226,938; Apr. 26; Serial No. 241,471; published Feb. 15, 1927.

California Cotton Mills, Oakland, Calif. Bed linen, textile blankets, comforters, and spreads. 227,150; Apr. 26.

California Fruit Preserving Corporation. (See Keller, F., assignor.)

Cambridge Rubber Company, Cambridge, Mass. Rubber boots, shoes, overshoes, and arctics. 227,170; Apr. 26.

Can, R. C., Co., St. Louis, Mo. Metal reenforced paper and fiber cans and tubes for mailing and for use as containers of goods. 227,138; Apr. 26.

Carlson, Emil B., doing business as Jamb Supporting Stay Company, Chicago, Ill. Jamb-supporting stays. 226,958; Apr. 26; Serial No. 240,594; published Feb. 8, 1927.

Carpathian Medicine Company. (See Bogdanowicz, Adam K.)

Carpenter Cook Company, Menominee, Mich. Cornstarch, evaporated milk, canned soups, baking chocolate and cocoa, etc. 227,069; Apr. 26; Serial No. 205,193; published Feb. 15, 1927.

Central Steel Company, Massillon, Ohio. Steels and alloy steels in the form of ingots, billets, etc. 227,080; Apr. 26; Serial No. 221,875; published Feb. 8, 1927.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece. 227,017; Apr. 26; Serial No. 241,811; published Feb. 15, 1927.

Chinese Funny Pole Company. (See Gilmour, John.)

Cincinnati Bickford Tool Company, The, Oakley and Cincinnati, Ohio. Power-driven radial drilling machines. 227,027; Apr. 26; Serial No. 242,043; published Feb. 15, 1927.

Clay Products Company, Incorporated, Brazil, Ind. Tiles. 226,955; Apr. 26; Serial No. 240,486; published Feb. 8, 1927.

Cohen, Mary, doing business as The Kinder Shoppe, Duluth, Minn. Children's clothing. 226,997; Apr. 26; Serial No. 239,910; published Jan. 25, 1927.

Colbert, J. H., San Francisco, Calif. Canned evaporated milk. 227,151; Apr. 26.

Commander Milling Company. (See Mapleton Milling Company, assignor.)

Con Ferro Paint & Varnish Co., doing business as Delta Lacquer & Products Company, St. Louis, Mo. Paints, paint enamels, varnish, etc. 226,942; Apr. 26; Serial No. 240,343; published Feb. 8, 1927.

Conover, C. E., Co., The, New York, N. Y. Rubber sheeting. 226,974; Apr. 26; Serial No. 238,252; published Feb. 1, 1927.

Continental Paper & Bag Mills Corporation, New York, N. Y. Toilet paper and paper towels. 227,022; Apr. 26; Serial No. 241,878; published Feb. 15, 1927.

Cooke, Balstone and Company Limited, Manchester, England. Velvets and velveteens. 226,972; Apr. 26; Serial No. 237,585; published Feb. 15, 1927.

Costanza, Calogero, doing business as C. Costanza Macaroni Co., Coney Island, N. Y. Macaroni. 227,001; Apr. 26; Serial No. 240,132; published Feb. 1, 1927.

Crane, Z. & W. M., Inc., Dalton, Mass. Writing paper and envelopes. 227,035–6; Apr. 26; Serial Nos. 242,171–2; published Feb. 15, 1927.

Dayton Rubber Manufacturing Company, The, Dayton, Ohio. Automobile tires. 227,152; Apr. 26.

Decatur Brick Manufacturing Company, Decatur, Ill. Face brick. 226,998; Apr. 26; Serial No. 230,973; published Feb. 1, 1927.

Delta Lacquer & Products Company. (See Con Ferro Paint & Varnish Co.)

Detroit Vapor Stove Co., The, Detroit, Mich. Gas and oil stoves. 227,097; Apr. 26; Serial No. 240,905; published Feb. 15, 1927.

Dickinson, Albert, Company, The, Chicago, Ill. Farm and grass seeds. 226,951; Apr. 26; Serial No. 241,458; published Feb. 15, 1927.

Di Santo, Joseph, doing business as Di Santo & Co., Duluth, Minn. Malt sirup, candies, canned peas, tea, coffee, etc. 227,054; Apr. 26; Serial No. 226,888; published June 22, 1926.

Docter, E. W. D., St. Louis, Mo. Beefsteaks. 227,068; Apr. 26; Serial No. 199,350; published Sept. 14, 1926.

Drenk's, Mrs., Pure Food Products, Milwaukee, Wis. Thousand Island dressing, salad oil, spices, etc. 227,123; Apr. 26.

Drucker, Samuel B., New York, N. Y. Peanut butter, edible oil, mayonnaise, and mayonnaise products. 227,000; Apr. 26; Serial No. 240,069; published Feb. 1, 1927.

Dur-O-Lite Pencil Company, Chicago, Ill. Refillable pencils and leads. 227,030; Apr. 26; Serial No. 242,118; published Feb. 15, 1927.

E-Z Opener Bag Company, Decatur, Ill. Paper bags. 227,085; Apr. 26; Serial No. 225,300; published Feb. 15, 1927.

Eclipse Lawn Mower Co., The, doing business as The Eclipse Machine Co., Prophetstown, Ill. Lawn mowers. 227,104; Apr. 26; Serial No. 242,578; published Feb. 15, 1927.

Elder Mfg. Co., St. Louis, Mo. Cloth of silk, cotton, and combinations thereof. 227,129; Apr. 26.

Elder Mfg. Co., St. Louis, Mo. Cloth of cotton, silk, etc. 227,155; Apr. 26.

Elder Mfg. Co., St. Louis, Mo. Dress and negligee shirts. 227,171; Apr. 26.

Electric Refrigeration Corporation, Detroit, Mich. Refrigerators and refrigerator parts. 227,140; Apr. 26.

El Paso Ice Cream Co., Inc., El Paso, Tex. Ice cream. 226,956; Apr. 26; Serial No. 240,489; published Feb. 15, 1927.

Elwell, Edward, Limited, Wednesbury, England. Metal shovels, picks, hoes, axes, adzes, hatchets, chisels, etc. 227,072; Apr. 26; Serial No. 213,230; published Feb. 15, 1927.

Enterprise Manufacturing Company, The. (See Stone & Smith, assignor.)

Fall, Edward A., New York, N. Y. Polish for metal. 226,953; Apr. 26; Serial No. 240,705; published Feb. 15, 1927.

Farant, Incorporated, Norfolk, Va. Bridge scoring sheets and pads. 227,037; Apr. 26; Serial No. 242,175; published Feb. 15, 1927.

Farwell, Ozmun, Kirk & Co., St. Paul, Minn. Shears, scissors, razors, and pocketknives. 64,701; renewed Aug. 20, 1927.

Farwell, Ozmun, Kirk & Co., St. Paul, Minn. Knives and forks. 65,209; renewed Sept. 10, 1927.

Farwell, Ozmun, Kirk & Co., St. Paul, Minn. Cutlery. 65,210; renewed Sept. 10, 1927.

Feredo and Asbestos Incorporated. (See Turner Brothers Limited, assignor.)

Fishelov, Irving H., doing business as H. Fishelov & Co., Chicago, Ill. Whisky and wine glasses, tumblers, and flasks. 227,064; Apr. 26; Serial No. 234,206; published Feb. 15, 1927.

Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Soapstone, uncured sheet rubber, etc. 227,018; Apr. 26; Serial No. 241,815; published Feb. 15, 1927.

Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Rubber inner tubes for pneumatic-tire casings. 227,164; Apr. 26.

Fleischaker & Baum, New York, N. Y. Nonrubber composition dolls. 227,012; Apr. 26; Serial No. 241,611; published Feb. 15, 1927.

Fleischman, Ferdinand, New York, N. Y. Flowers, plants, etc. 226,988; Apr. 26; Serial No. 239,403; published Feb. 15, 1927.

Fleury, Robert G., Brooklyn, N. Y. Window screens. 227,060; Apr. 26; Serial No. 233,610; published Feb. 15, 1927.

Flintkote Company, The. (See Richardson Company, The, assignor.)

Flintkote Company, The, Boston, Mass. Rag felt strip shingles. 226,927; Apr. 26; Serial No. 240,181; published Feb. 15, 1927.

Floda Remedies Co. (See Keller, Adolph G.)

Ford, Dove A., Atlantic City, N. J. Tonic and dressing for the human hair. 227,043; Apr. 26; Serial No. 242,334; published Feb. 15, 1927.

Forsell, M. J., doing business as M. J. Forsell & Co., Seattle, Wash. Insecticide. 226,937; Apr. 26; Serial No. 241,478; published Feb. 15, 1927.

Franks, George L., doing business as Kenmare Manufacturing Co., Brooklyn, N. Y. Furniture polish. 226,980; Apr. 26; Serial No. 238,648; published Feb. 8, 1927.

French, Samuel H., & Co., assignor to Samuel H. French & Co., Philadelphia, Pa. Dental plaster. 59,971; renewed Jan. 22, 1927.

French, Samuel H., & Co., assignor to Samuel H. French & Co., Philadelphia, Pa. Mortar colorings. 59,972; renewed Jan. 22, 1927.

Fuller Canneries Company, The, Cleveland, Ohio, and South Dayton, N. Y. Canned vegetables. 64,548; renewed Aug. 13, 1927.

Fullerton, Ernest M., doing business as F. E. Benton & Co., Stoughton, Mass. Thimbles. 226,954; Apr. 26; Serial No. 240,707; published Feb. 8, 1927.

Gallaway, G. W., New York, N. Y. Pipe-joint packing compound. 227,002; Apr. 26; Serial No. 240,137; published Feb. 8, 1927.

Gardner, Florence S., Drexel Hill, Pa. Candy. 227,121; Apr. 26.

Generaldirektion der Osterr. Tabak-Regie, Vienna, Austria. Cigars, cigarettes, etc. 227,007; Apr. 26; Serial No. 234,778; published Feb. 15, 1927.

General Dyestuff Corporation, New York, N. Y. Dyes and dyestuffs. 227,028; Apr. 26; Serial No. 242,066; published Feb. 15, 1927.

General Seafoods Corporation, Gloucester, Mass. Fresh, salted, brined, pickled, and canned fish, etc. 226,973; Apr. 26; Serial No. 238,113; published Feb. 15, 1927.

Giesecke-D'Oench-Hays Shoe Company, assignor to International Shoe Company, St. Louis, Mo. Leather shoes. 64,222; renewed July 30, 1927.

Gilmour, John, doing business as Chinese Funny Pole Company, Owensboro, Ky. Outdoor game. 227,088; Apr. 26; Serial No. 241,099; published Feb. 15, 1927.

Goldenberg's, Washington, D. C. Felt-base floor rugs. 227,063; Apr. 26; Serial No. 233,820; published Feb. 15, 1927.

Golwynne, Henry A., New York, N. Y. Refractory materials. 227,013; Apr. 26; Serial No. 241,714; published Feb. 8, 1927.

Graham Paper Company, St. Louis, Mo. Wrapping-paper cutter. 227,154; Apr. 26.

Great Atlantic & Pacific Tea Co., The, Jersey City, N. J. Household recipes published in weekly periodicals. 227,167; Apr. 26.

Gummed Products Company, The, Troy, Ohio. Gummed tape. 227,105; Apr. 26; Serial No. 242,585; published Feb. 15, 1927.

Guthmann, Carpenter & Telling, to Guthmann, Carpenter & Co. Incorporated, Chicago, Ill., successor. Leather boots and shoes. 63,096; renewed June 4, 1927.

Handy Razor Corporation, New York, N. Y. Razors and razor blades. 227,146; Apr. 26.

Hartig's, Mrs., All Egg Noodle Company, Osceola, Ind. Noodles. 227,126; Apr. 26.

Hartman Furniture & Carpet Co., Chicago, Ill. Beds, bed springs, mattresses, etc. 227,156; Apr. 26.

Hawley & Hoops, New York, N. Y. Candy. 227,136; Apr. 26.

Herlzwig, Olaf, Trading Co. Inc., New York, N. Y. Canned fish. 227,081; Apr. 26; Serial No. 223,439; published Sept. 28, 1926.

Hood Rubber Company, Watertown, Mass. Rubber boots and shoes, overshoes, and rubber-soled canvas shoes. 227,160; Apr. 26.

Houbigant, Inc., New York, N. Y. Perfume, toilet water, bandoline, etc. 227,029; Apr. 26; Serial No. 242,057; published Feb. 15, 1927.

Houghton, E. F., & Co., Philadelphia, Pa. Leather packings. 226,957; Apr. 26; Serial No. 240,547; published Feb. 15, 1927.

Hoyle, Joshua, & Sons, Ltd. Inc., New York, N. Y. Woolen piece goods, cotton piece goods, woolen blankets, etc. 227,087; Apr. 26; Serial No. 241,102; published Feb. 1, 1927.

Hughes, Henry L., Co. Inc., New York, N. Y. Hairbrushes. 226,932; Apr. 26; Serial No. 241,571; published Feb. 15, 1927.

Hygienic Products Company, The, Canton, Ohio. Brushes for water-closet bowls. 227,158; Apr. 26.

Illinois Nut Products Co., Chicago, Ill. Fresh nut meats. 227,003; Apr. 26; Serial No. 241,573; published Feb. 15, 1927.

International Shoe Company. (See Giesecke-D'Oench-Hays Shoe Company, assignor.)

International Shoe Company. (See Peters Shoe Co., assignor.)

International Shoe Company. (See Roberts, Johnson & Rand Shoe Company, assignor.)

Jackson Brewing Company, New Orleans, La. Malt sirup. 226,990; Apr. 26; Serial No. 239,478; published Feb. 15, 1927.

Jamb Supporting Stay Company. (See Carlson, Emil B.)

Jobbers Candy Co. Inc., Bristol, Va. Candy. 226,992; Apr. 26; Serial No. 239,660; published Feb. 15, 1927.

Johann Maria Farina gegenüber dem Jülichs-Platz, Cologne, Germany, assignor to Johann Maria Farina, Inc., New York, N. Y. Eau de cologne. 61,664; renewed Apr. 2, 1927.

Johns-Manville, Incorporated, New York, N. Y. Molded insulation for high temperatures. 226,948; Apr. 26; Serial No. 241,338; published Feb. 15, 1927.

Johnson & Johnson, New Brunswick, N. J. Surgical dressings. 226,931; Apr. 26; Serial No. 241,574; published Feb. 8, 1927.

Johnston, R. F., Paint Company, Cincinnati, Ohio. Fillers. 65,280; renewed Sept. 17, 1927.

Jordan Marsh Company, Boston, Mass. Valenciennes laces in the piece. 227,120; Apr. 26; Serial No. 241,164; published Feb. 15, 1927.

Kahla China Corporation, New York, N. Y. Goods made of china—to wit, cups and saucers, dishes, etc. 227,053; Apr. 26; Serial No. 225,788; published Feb. 15, 1927.

Kahn, P., & Co., Inc., Los Angeles, Calif. Fresh vegetables, cantaloupes, and honey dew melons. 227,113; Apr. 26; Serial No. 242,726; published Feb. 15, 1927.

Kalon Corporation, Omaha, Nebr. Solution for prolonging the life of silk hose. 227,101; Apr. 26; Serial No. 236,881; published Feb. 15, 1927.

Kaufmann Department Stores, Inc., Pittsburgh, Pa. Cots, beds, sofas, lounges, etc. 227,055; Apr. 26; Serial No. 228,908; published Feb. 15, 1927.

Keep, Mabel, doing business as Keyfoods Company, New York, assignor to Caroline W. Wagner, Brooklyn, N. Y. Nutritive salt. 226,965; Apr. 26; Serial No. 240,306; published Feb. 8, 1927.

Keller, Adolph G., doing business as Floda Remedies Co., Fort Wayne, Ind. Stomach tablets. 227,041; Apr. 26. Serial No. 242,296; published Feb. 15, 1927.

Keller, F., doing business as California Fruit Preserving Co., assignor to California Fruit Preserving Corporation, San Francisco, Calif. Mincemeat. 227,124; Apr. 26.

Kelly & Jones Company, The, Pittsburgh and Greensburg, Pa., assignor to Walworth Company, Boston, Mass. Pipe unions. 64,710; renewed Aug. 20, 1927.

Kelly & Jones Company, The, Pittsburgh and Greensburg, Pa., assignor to Walworth Company, Boston, Mass. Valves and cocks. 64,733; renewed Aug. 20, 1927.

Kelly & Jones Company, The, Pittsburgh and Greensburg, Pa., assignor to Walworth Company, Boston, Mass. Valves, cocks, and unions. 64,735; renewed Aug. 20, 1927.

Kenmare Manufacturing Co. (See Franks, George L.)

Keranakis, Emmanuel J., New York, N. Y. Cigarettes. 227,169; Apr. 26.

Keyfoods Company. (See Keep, Mabel.)

Kinder Shoppe, The. (See Cohen, Mary.)

Kindler Manufacturing Company, The, McRae, Ga. Specially-prepared kindling for use in starting fires. 226,928; Apr. 26; Serial No. 240,190; published Feb. 1, 1927.

Kirk, James S., & Company, Chicago, Ill. Toilet soap. 227,096; Apr. 26; Serial No. 240,980; published Feb. 15, 1927.

Liepack, Ben H., Ph. G., Pittsburgh, Pa. Corn cure. 226,968; Apr. 26; Serial No. 237,034; published Feb. 15, 1927.

Linehan, Frank L., doing business as F. L. Linehan Co., Minneapolis, Minn. Malt sirups. 227,133; Apr. 26.

Lloyd, E. E., Paper Company, Chicago, Ill. Writing paper. 227,031; Apr. 26; Serial No. 242,135; published Feb. 15, 1927.

Lo Bue, G. & J., Brothers, Jersey City, N. J. Macaroni. 227,067; Apr. 26; Serial No. 194,606; published Dec. 16, 1924.

Lockwood, Brackett Co., Waltham, Mass. Olive oil. 227,039; Apr. 26; Serial No. 242,238; published Feb. 15, 1927.

Long-Bell Lumber Company, The, Kansas City, Mo. Lumber. 227,058; Apr. 26; Serial No. 231,553; published Feb. 8, 1927.

Macbeth-Evans Glass Company, Pittsburgh, Pa. Lamp glasses and globes. 61,782; renewed Apr. 2, 1927.

Macbeth-Evans Glass Company, Pittsburgh, Pa. Lamp glasses. 63,833; renewed July 9, 1927.

Macbeth-Evans Glass Company, Pittsburgh, Pa. Lamp glasses and globes. 64,615; renewed Aug. 13, 1927.

Mamaux, A., & Son, to A. Mamaux and Son, Pittsburgh, Pa., successor. Awnings, tents, canopies, flags, and tarpaulins. 63,817; renewed July 9, 1927.

Mapleton Milling Company, Mapleton, Minn., assignor, by mesne assignments, to Commander Milling Company, Minneapolis, Minn. Wheat flour. 64,942; renewed Aug. 27, 1927.

Mapograph Co. Ltd., The, London, England. Map-making devices for teaching purposes. 226,966; Apr. 26; Serial No. 239,815; published Feb. 15, 1927.

Marison, Joe, New York, N. Y. Dresses, gowns, etc. 227,159; Apr. 26.

Marquette Paper Co., Chicago, Ill. Bond paper and ledger paper. 227,106; Apr. 26; Serial No. 242,600; published Feb. 15, 1927.

Marshall Field & Company, Chicago, Ill. Suspenders. 226,979; Apr. 26; Serial No. 238,578; published Jan. 25, 1927.

Marshall Leffler Company, Kansas City, Mo. Asbestos roof cement and asbestos roof coating. 226,950; Apr. 26; Serial No. 241,417; published Feb. 15, 1927.

Master Rule Mfg. Co. Inc., New York, N. Y. Rules, folding rules, and extension rules. 227,166; Apr. 26.

McAteer, James W., doing business as Burn Oil Laboratory, Cincinnati, Ohio. Preparations for the treatment of burns. 227,153; Apr. 26.

McLellan, E. W., Company, San Francisco, Calif. Cut flowers in their natural state. 226,986; Apr. 26; Serial No. 239,127; published Feb. 8, 1927.

Meadows, W. R., Inc., Elgin, Ill. Road joints. 227,057; Apr. 26; Serial No. 231,390; published Feb. 15, 1927.

Melvin Candy Company, Inc., assignor to the Sweets Company of America, Incorporated, New York, N. Y. Candy lollipops or suckers. 227,056; Apr. 26; Serial No. 230,250; published June 29, 1926.

Meredith, William C., Atlanta, Ga. Conduits. 227,119; Apr. 26; Serial No. 241,172; published Feb. 1, 1927.

Merrell-Soule Company, Syracuse, N. Y. Powdered milk. 227,016; Apr. 26; Serial No. 241,776; published Feb. 15, 1927.

Metro Chocolate Co. Inc., Brooklyn, N. Y. Chocolate-covered nut rolls. 227,110; Apr. 26; Serial No. 242,678; published Feb. 15, 1927.

Metro Chocolate Co. Inc., Brooklyn, N. Y. Chocolate-covered cream bars. 227,111; Apr. 26; Serial No. 242,681; published Feb. 15, 1927.

Mid-States Gummed Paper Company, Chicago, Ill. Gummed tape. 227,050; Apr. 26; Serial No. 242,545; published Feb. 15, 1927.

Miller Peanut Products Company, Detroit, Mich. Salted peanuts. 227,038; Apr. 26; Serial No. 242,202; published Feb. 15, 1927.

Mond Staffordshire Refining Co. Ltd., The, London, England. Dry, paste, and ready-mixed paints and varnishes, lacquers, and paint enamels. 227,147; Apr. 26.

Monumental Sales & Mfg. Co., Inc., St. Cloud, Minn. Granite and marble monuments and markers. 226,991; Apr. 26; Serial No. 239,537; published Feb. 15, 1927.

Moores & Ross, Inc., Columbus, Ohio. Diet for infants. 227,044–7; Apr. 26; Serial Nos. 242,385–8; published Feb. 15, 1927.

Morse Twist Drill & Machine Company, New Bedford, Mass. Calipers and gauges. 62,758; renewed May 21, 1927.

Mosler Metal Products Corp., Mount Vernon, N. Y. Refillable sheet-metal kit boxes for holding clamp parts and tools. 226,994; Apr. 26; Serial No. 239,713; published Feb. 15, 1927.

Mueller Boiler Compound & Chemical Co., Minneapolis, Minn. Chemicals for boiler-cleaning and water-softening purposes. 227,134; Apr. 26.

Multibestos Company, Walpole, Mass. Brake and clutch linings for automobiles. 227,162; Apr. 26.

Naamlooze Vennootschap International Perfumery Company, Amsterdam, Netherlands. Soaps. 226,978; Apr. 26; Serial No. 238,515; published Feb. 15, 1927.

Naheta Products Company, The, Dayton, Ohio. Laxative, kidney diuretic, etc. 227,042; Apr. 26; Serial No. 242,307; published Feb. 15, 1927.

National Caraley Company, Inc., New York, N. Y. Gas, oil, and coal stoves. 226,930; Apr. 26; Serial No. 241,579; published Feb. 15, 1927.

National Sawdust Co., Inc., Brooklyn, N. Y. Sawdust and shavings. 226,959; Apr. 26; Serial No. 240,433; published Feb. 8, 1927.

Northern Paper Mills, Green Bay, Wis. Toilet paper. 226,976; Apr. 26; Serial No. 238,451; published Feb. 15, 1927.

Novelty Cord & Tassel Co., The, Brooklyn, N. Y. Combined dish mop and pot scraper. 227,004; Apr. 26; Serial No. 240,994; published Feb. 15, 1927.

Nussey, Arthur, to Arthur H. Nussey, Paterson, N. J., successor. Bug powder. 62,700; renewed May 21, 1927.

Oakland Machinery Company, Oakland, Calif. Automobile accessories. 227,122; Apr. 26.

Oliver-Finnie Co., Memphis, Tenn. Candies, crystallized fruits, and glacé fruits. 65,125; renewed Sept. 10, 1927.

Oliver-Finnie Co., Memphis, Tenn. Butter and cheese. 65,126; renewed Sept. 10, 1927.

Oliver-Finnie Co., Memphis, Tenn. Coffee and tea. 65,127; renewed Sept. 10, 1927.

Oliver-Finnie Co., Memphis, Tenn. Cereal foods. 65,142; renewed Sept. 10, 1927.

Oliver-Finnie Co., Memphis, Tenn. Coffee. 65,143; renewed Sept. 10, 1927.

Oliver-Finnie Co., Memphis, Tenn. Cereal foods. 65,144; renewed Sept. 10, 1927.

Oliver-Finnie Co., Memphis, Tenn. Baking powder. 65,170; renewed Sept. 10, 1927.

O'Neill Lumber Company Inc., St. Louis, Mo., and East St. Louis, Ill. Cement, wall plaster, lime, lumber, shingles, sash doors, windows, etc. 227,090; Apr. 26; Serial No. 241,064; published Feb. 15, 1927.

Osborn Paper Company, Marion, Ind. Writing and school tablets, composition books, notebooks, etc. 226,935; Apr. 26; Serial No. 241,541; published Feb. 15, 1927.

Oswego Falls Corporation, Fulton, N. Y. Closure disks known in the trade as bottle caps. 227,019; Apr. 26; Serial No. 241,833; published Feb. 15, 1927.

Oxy Vaporol Co., New York, N. Y. Medicinal compound for treatment of colds, etc. 227,118; Apr. 26; Serial No. 241,175; published Feb. 15, 1927.

Page, Rowland B., doing business as Page Milk Company, Merrill, Wis. Evaporated milk. 227,132; Apr. 26.

Paintex Products Corporation, New York, N. Y. Artists' tube paints. 226,934; Apr. 26; Serial No. 241,542; published Feb. 8, 1927.

Palmer, Arthur G., doing business as A. G. Palmer Supply Company, Dover Plains, N. Y. Party favor novelties. 226,929; Apr. 26; Serial No. 241,580; published Feb. 15, 1927.

Parker & Waterman Mfg. Co., Los Angeles, Calif. Decalcomania transfers and transfer signs formed on smooth surfaces. 227,071; Apr. 26; Serial No. 211,609; published Feb. 15, 1927.

Penfield, Arthur H., New York, N. Y. Portable traction surface for wheels of motor vehicles. 227,010; Apr. 26; Serial No. 236,054; published Feb. 15, 1927.

Perkins Soap Company, Springfield, Mass. Textile oil. 227,032–4; Apr. 26; Serial Nos. 242,140–2; published Feb. 15, 1927.

Peters Shoe Co., assignor to International Shoe Company, St. Louis, Mo. Shoes made wholly or in part of leather. 63,370; renewed June 18, 1927.

Philips, Benjamin, doing business as Blue Ribbon Products Company, Allentown, Pa. Malt sirup for food purposes. 227,020; Apr. 26; Serial No. 241,837; published Feb. 15, 1927.

Phosphor-Bronze Smelting Co. Limited, The, assignor to The Phosphor Bronze Smelting Company, Philadelphia, Pa. Metallic alloys. 64,751; renewed Aug. 20, 1927.

Pickel, Henry C., Pemberton, Minn. Medicine for use as a conditioner for hogs and poultry, for use in the treatment of cholera, coughs, etc. 227,021; Apr. 26; Serial No. 241,838; published Feb. 15, 1927.

Pike Manufacturing Company, Pike, N. H. Tool grinders. 227,107; Apr. 26; Serial No. 242,612; published Feb. 15, 1927.

Poston, Emmett V., Springfield, Ill. Brick. 227,093; Apr. 26; Serial No. 240,998; published Feb. 1, 1927.

Price Stone Cement Co. Inc., Brooklyn, N. Y. Artificial stone. 226,995; Apr. 26; Serial No. 239,720; published Feb. 8, 1927.

Rand Cold Storage & Supply Company, Limited, Kazerne, Johannesburg, Union of South Africa. Bones, horns, leather, skins, hides, unwrought and wrought, flayed and unflayed, cured and uncured. 227,078; Apr. 26; Serial No. 221,767; published Feb. 15, 1927.

Rand Cold Storage & Supply Company, Limited, Kazerne, Johannesburg, Union of South Africa. Bones, horns, leather, skins and hides. 227,079; Apr. 26; Serial No. 221,768; published Feb. 1, 1927.

Rand Kardex Bureau, Inc., Tonawanda, N. Y. Blank and partially-printed cards and forms for indexes, etc. 227,108; Apr. 26; Serial No. 242,017; published Feb. 15, 1927.

Ratigan, James P., Los Angeles, Calif. Oil-well equipment. 227,144; Apr. 26.

Raub, S., & Company, New York, N. Y. Leggings made from textile fabrics. 65,073; renewed Sept. 3, 1927.

Real Art Flower Co., Los Angeles, Calif. Artificial flowers and prepared natural flowers. 226,981; Apr. 26; Serial No. 238,671; published Feb. 8, 1927.

Reliance Manufacturing Company, The, New Haven, Conn. Shock absorbers for automobiles, etc. 227,052; Apr. 26; Serial No. 225,732; published Feb. 15, 1927.

Respro, Inc., Providence, R. I. Adhesively-integrated fibrous material. 226,936; Apr. 26; Serial No. 241,497; published Feb. 15, 1927.

Revere Rubber Company, Boston, Mass., assignor, by mesne assignments, to United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Hose and machinery packings. 61,847; renewed Apr. 9, 1927.

Rhoads, J. E., & Sons, Philadelphia, Pa., and Wilmington, Del., to J. E. Rhoads & Sons, Philadelphia, Pa. Leather belting and fabric belting. 65,028; renewed Sept. 3, 1927.

Richards, James E., Company, The, Dayton, Ohio. Drop cloth for use by painters, decorators, etc. 227,131; Apr. 26.

Richardson Company, The, Lockland, Ohio, assignor to The Flintkote Company, Boston, Mass. Roofing products—namely, shingles and slabs. 227,083; Apr. 26; Serial No. 224,575; published Feb. 15, 1927.

Richardson Company, The, Lockland, Ohio, assignor to The Flintkote Company, Boston, Mass. Composition roofing products. 227,157; Apr. 26.

Rising, B. D., Paper Company, Housatonic, Mass. Writing papers, announcement papers, pasted bristols, etc. 227,074; Apr. 26; Serial No. 217,388; published Feb. 15, 1927.

Riverside & Dan River Cotton Mills, Inc., Danville, Va. Ginghams in the piece. 227,165; Apr. 26.

Roberts, Johnson & Rand Shoe Company, assignor, by mesne assignments, to International Shoe Company, St. Louis, Mo. Women's, misses', and children's leather boots and shoes. 63,130; renewed June 4, 1927.

Roberts, Johnson & Rand Shoe Company, assignor, by mesne assignments, to International Shoe Company, St. Louis, Mo. Leather boots and shoes. 63,838; renewed July 9, 1927.

Rose, Robert W., Clifton, Mass. Portable cabinets and tea wagons. 227,070; Apr. 26; Serial No. 209,592; published Feb. 8, 1927.

Rosenberg, Henry, New York, N. Y. Fur pelts. 226,943–4; Apr. 26; Serial Nos. 240,370–1; published Feb. 8, 1927.

Rosenblatt, Isaac, New York, N. Y. Rouge, lip stick, face powders, etc. 227,061; Apr. 26; Serial No. 233,707; published Dec. 28, 1926.

Roth, Otto, Inc., Newark, N. J. Razor blades. 227,161; Apr. 26.

Rowles, E. W. A., Co., Chicago, Ill. Blackboards. 227,116; Apr. 26; Serial No. 241,244; published Feb. 1, 1927.

St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn. Eaves troughs. 227,086; Apr. 26; Serial No. 241,119; published Feb. 15, 1927.

Sanduito, Saverio, Union City, N. J. Hair dye. 227,048; Apr. 26; Serial No. 242,396; published Feb. 15, 1927.

Saylor, Albert R., Allentown, to Albert R. Saylor, Collegeville, Pa. Medicines. 62,488; renewed May 7, 1927.

Scarlett, William G., Baltimore, Md. Grass and field seeds. 226,939–41; Apr. 26; Serial Nos. 241,301–3; published Feb. 1, 1927.

Scarlett, William G., Baltimore, Md. Grass and field seeds. 226,946; Apr. 26; Serial No. 241,304; published Feb. 1, 1927.

Scarlett, William G., Baltimore, Md. Grass and field seeds. 227,115; Apr. 26; Serial No. 241,300; published Feb. 1, 1927.

Schacht Rubber Mfg. Co., Huntington, Ind. Horseshoe and ring pitching games. 227,023; Apr. 26; Serial No. 241,962; published Feb. 15, 1927.

Schlagheck, Joseph, Toledo, Ohio. Food for fish. 65,405; renewed Sept. 24, 1927.

Schmidt, Jacob, Brewing Company, St. Paul, Minn. Malt beverages. 226,975; Apr. 26; Serial No. 238,400; published Jan. 18, 1927.

Schnabl, Josef, doing business as Jac. Schnabl & Co., Vienna, Austria. Soap paper. 226,926; Apr. 26; Serial No. 234,596; published Feb. 15, 1927.

Schrafft's Stores, The. (See Shattuck, Frank G., Company.)

Sears, Roebuck and Co., Chicago, Ill. Vehicle tires and tubes of rubber and rubber and fabric. 226,949; Apr. 26; Serial No. 241,359; published Feb. 15, 1927.

Shattuck, Frank G., Company, doing business as The Schrafft's Stores, New York, N. Y. Candy. 226,967; Apr. 26; Serial No. 240,686; published Feb. 15, 1927.

Shu-Milk Products Corp., Newark, N. Y. Shoe cleanser, dressing, and polish. 226,986; Apr. 26; Serial No. 239,001; published Feb. 15, 1927.

Skookum Packers Association, Wenatchee, Wash. Fresh apples. 226,961; Apr. 26; Serial No. 240,739; published Feb. 15, 1927.

Smith, Harry M., Valley, Nebr. River-bank protectors. 227,128; Apr. 26.

Smith Printing Company, The, Pine Bluff, Ark. Typewriting papers. 227,127; Apr. 26.

Smith, William W., Brooklyn, N. Y. Doors. 226,966; Apr. 26; Serial No. 240,629; published Feb. 15, 1927.

Société Lyonnaise de Soie Artificielle, Lyon, France. Artificial-silk thread and yarn. 227,076; Apr. 26; Serial No. 220,686; published Feb. 15, 1927.

Sormani, Egbert J., Brooklyn, N. Y. Tablets for colds and headaches. 227,024; Apr. 26; Serial No. 241,965; published Feb. 15, 1927.

Spalding, A. G., & Bros., Jersey City, N. J., and New York, N. Y. Certain clothing. 63,796; renewed July 9, 1927.

Standard Kid Co., The, Boston, Mass. Upper leathers. 226,999; Apr. 26; Serial No. 240,042; published Feb. 1, 1927.

Standard Playing Card Co., Chicago, Ill. Playing cards. 64,431; renewed Aug. 6, 1927.

Standard Varnish Works, New York, N. Y. Stains. 65,204; renewed Sept. 10, 1927.

Sticht, Herman H., & Co., New York, N. Y. Printed ruled forms for making records of the operation of electrical instruments. 227,025; Apr. 26; Serial No. 242,029; published Feb. 15, 1927.

Stone & Smith, Toledo, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishhooks. 227,139; Apr. 26.

Stott Briquet Company, St. Paul, Minn. Coal. 227,163; Apr. 26.

Sweets Company of America, Incorporated, The. (See Melvin Candy Company, Inc., assignor.)

Texas Fig, The, Galveston, Tex. Preserved figs and marmalade and jam. 226,993; Apr. 26; Serial No. 239,685; published Feb. 25, 1927.

Tiffany & Company, New York, N. Y. Paper manufactures. 64,808; renewed Aug. 20, 1927.

Timken-Detroit Company, The, Detroit, Mich. Oil burners. 227,123; Apr. 26.

Tingue, Brown & Co., New York, N. Y. Printers' press blankets. 227,066; Apr. 26; Serial No. 192,200; published Apr. 27, 1926.

Towle Mfg. Company, Newburyport, Mass. Solid and plated silver knives, forks, spoons, dishes, and condiment receptacles. 61,366; renewed Mar. 19, 1927.

Townsend Grace Co. of Baltimore City, assignor to The Townsend Grace Company, Baltimore, Md. Straw hats and caps. 62,373; renewed Apr. 30, 1927.

Turner Brothers Limited, Rochdale, England, assignor to Ferodo and Asbestos Incorporated, New Brunswick, N. J. Jointing materials, engine packings and hose pipes. 64,534; renewed Aug. 18, 1927.

Turner & Cook, Inc., Southfield, Mass. Chrome-tan chamois, oil-tan chamois, silver-polishing leather, etc. 227,008; Apr. 26; Serial No. 235,003; published Feb. 1, 1927.

Umatilla Fruit Co., The, Umatilla, Fla. Fresh citrous fruits. 226,970; Apr. 26; Serial No. 237,480; published Feb. 15, 1927.

Union Rubber and Asbestos Co., Trenton, N. J. Rubber belting. 227,009; Apr. 26; Serial No. 240,890; published Feb. 15, 1927.

United Manufacturing Co., Philadelphia, Pa. Velocipedes, tricycles, scooters, etc. 227,011; Apr. 26; Serial No. 241,592; published Feb. 15, 1927.

United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 64,232; renewed July 30, 1927.

United States Playing Card Co., assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 64,906; renewed Aug. 27, 1927.

United States Rubber Company. (See Revere Rubber Company, assignor.)

United States Whip Company, doing business as U. S. Line Company, Westfield, Mass. Fishing lines. 227,073; Apr. 26; Serial No. 216,078; published Aug. 18, 1926.

Universal Portland Cement Company, Chicago, Ill. Magazines. 226,989; Apr. 26; Serial No. 239,446; published Feb. 15, 1927.

Vendex, Inc., New York, N. Y. Lead pencils. 227,026; Apr. 26; Serial No. 242,032; published Feb. 15, 1927.

Ventilouvre Company, The, Bridgeport, Conn. Built-in ventilators, transoms, doors, windows, and panels. 227,075; Apr. 26; Serial No. 218,587; published Feb. 8, 1927.

Verley, Albert, Inc., Chicago, Ill. Chemicals, aldehydes, alcohols, and natural and synthetic essential oils. 227,141; Apr. 26.

Visible Gasoline Filter Co., Chicago, Ill. Oil filters for internal-combustion motors. 227,092; Apr. 26; Serial No. 241,012; published Feb. 8, 1927.

Von Faber-Castell, Count Alexander, Stein, near Nuremberg, Germany. Lead pencils, pencil holders, crayons, chalk, rulers, blotters, etc. 227,006; Apr. 26; Serial No. 240,176; published Jan. 11, 1927.

Vouk, Aloys B., St. Cloud, Minn. General tonic. 227,009; Apr. 26; Serial No. 235,985; published Feb. 1, 1927.

Wagner, Caroline W. (See Keep, Mabel, assignor.)

Walker, W. & F., Limited, Liverpool, England. Chemical substances in solid form for hygienic purposes, such as deodorizing, etc. 226,964; Apr. 26; Serial No. 240,838; published Feb. 15, 1927.

Walmsley, Charles E., Bangor, Me. Solution for the preservation of eggs. 227,148; Apr. 26.

Walworth Company. (See Kelly & Jones Company, The, assignor.)

Wanamaker, John, Philadelphia, Philadelphia, Pa. Soaps. 226,963; Apr. 26; Serial No. 240,833; published Feb. 15, 1927.

Welli & Callman, New York, N. Y. Silk piece goods. 227,102; Apr. 26; Serial No. 242,557; published Feb. 15, 1927.

Western Bottle Manufacturing Company, doing business as The Western Company, Chicago, Ill. Powder puffs. 227,014; Apr. 26; Serial No. 241,755; published Feb. 15, 1927.

Wetherill, Geo. D., & Co., Inc., Philadelphia, Pa. Varnishes. 226,947; Apr. 26; Serial No. 241,307; published Feb. 8, 1927.

White, George S., Los Angeles, Calif. Ozone-generating apparatus. 226,977; Apr. 26; Serial No. 238,472; published Feb. 8, 1927.

White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Dental wax. 61,820; renewed Apr. 9, 1927.

White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Dental alloys. 61,821; renewed Apr. 9, 1927.

Woodville Lime Products Company, The, Toledo, Ohio. Lime. 227,114; Apr. 26; Serial No. 236,972; published Feb. 1, 1927.

Woolson Spice Company, The, Toledo, Ohio. Coffee. 227,077; Apr. 26; Serial No. 221,468; published Dec. 29, 1925.

Zijlstra's Chemische Fabriek, Haarlem, Netherlands. Skin and hair beautifiers. 227,015; Apr. 26; Serial No. 241,763; published Feb. 15, 1927.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Alberta Candy Co., San Francisco, Calif. Bimalted. For Candy. 31,994; Apr. 26.

Albino, Louis, Woodhaven, N. Y. Al-bi-no. For a Liniment. 31,995; Apr. 26.

Allen, H. B., doing business as The Allen Bee Farm, Cozad, Nebr. Sunlit Honey Liquid Sunshine. For Honey. 31,996; Apr. 26.

Bear Film Co., San Francisco, Calif. Bear Brand. For Photographs. 31,997; Apr. 26.

Blanco, J. M., Inc., San Juan, P. R. Magnesia Effervescente Antibiliosa. For a Remedy for Indigestion, Headache, and other Ailments. 31,998; Apr. 26.

Brown & Haley, Tacoma, Wash. Almond Roca. For Confections. 31,999; Apr. 26.

First National Laboratories Inc., Lehighton, Pa. Dr. Whites Blue Pills. For a Medicine Which is a Diuretic Stimulant for the Kidneys and Uninary Organs. 32,000; Apr. 26.

First National Laboratories Inc., Lehighton, Pa. Dr. Whites Pink Laxative Pills. For a Medicine for the Liver and Bowels, for Constipation, and Biliousness. 32,001; Apr. 26.

First National Laboratories Inc., Lehighton, Pa. Dr. Whites Cold Cream. For a Medicine for the Removal and Prevention of Wrinkles and Blackheads. 32,002; Apr. 26.

First National Laboratories Inc., Lehighton, Pa. Dr. Whites Lun-ge Hea-la. For a Medicine for Coughs and Colds. 32,003; Apr. 26.

First National Laboratories Inc., Lehighton, Pa. Dr. Whites Cold Cream. For a Medicine for the Prevention and Removal of Wrinkles and Blackheads. 32,004; Apr. 26.

Flavour Candy Co., Chicago, Ill. Almond Krunch. For Candy. 32,005; Apr. 26.

Flavour Candy Co., Chicago, Ill. Black Walnut Flakes. For Candy. 32,006; Apr. 26.

Flavour Candy Co., Chicago, Ill. Chicken Bones. For Candy. 32,007; Apr. 26.

General Ice Cream Corporation. (See Menasha Printing and Carton Company, assignor.)

Gerhardt-Hardwicke Company, Corpus Christi, Tex. Pelican. For Cabbages. 32,008; Apr. 26.

Jack Bros. & McBurney Co., Brawley, Calif. Golden Quality. For Lettuce. 32,009; Apr. 26.

Long, W. E., Co., The, Chicago, Ill. Old Home. For Bread. 32,010–11; Apr. 26.

Malted Cereals Company, The, Burlington, Vt. Malt Breakfast Food. For Breakfast Food. 32,012; Apr. 26.

Maple Grove Candies, Inc., St. Johnsbury, Vt. Spring Morning Brand. For Sirup Made from Maple and Cane Sugar. 32,013; Apr. 26.

Marks Brothers Co., Boston, Mass. Officers 'Stopgo' The Whistling Traffic Cop. For Toy Traffic Cops. 32,014; Apr. 26.

Menasha Printing and Carton Company, Menasha, Wis., assignor to General Ice Cream Corporation, Schenectady, N. Y. Fro-Joy. For Ice Cream. 32,015; Apr. 26.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Steward Creameries, Inc., Worland, Wyo. Mountain Gold. For Butter. 32,016; Apr. 26.

Mid-California Citrus Association, Porterville, Calif. Top O' The World. For Oranges. 32,017; Apr. 26.

Milwaukee Paper Box Co., The, Milwaukee, Wis. Mrs. Graf's Select Sweets. For Candy. 32,018; Apr. 26.

Olympia Canning Company, Olympia, Wash. Penwald. For Canned Pears. 32,019; Apr. 26.

Physicians & Hospitals Supply Co., Inc., Minneapolis, Minn. Orolavis. For a Medicinal Preparation for a Throat Gargle and Mouth Wash. 32,020; Apr. 26.

Sackett, Hubert, New York, N. Y. Sackett Cigars, Cigarettes, Smoking Tobacco. For Tobacco Products for Smoking. 32,021; Apr. 26.

Sorver, McEvoy & Co., Philadelphia, Pa. Kwality Blend Koffee. For Roasted and Blended Coffee. 32,022; Apr. 26.

Stayton Canning Co., Stayton, Oreg. Santiam. For Canned Loganberries. 32,023; Apr. 26.

Steward Creameries, Inc. (See Menasha Printing and Carton Company, assignor.)

Walter, A. A., & Co., Albany, N. Y. Blue Ribbon Potato Chips. For Potato Chips. 32,024; Apr. 26.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

American Girl Coat Co. Inc., New York, N. Y. Petite Coats for Little Women. For Women's Coats. 9,749; Apr. 26.

Call, Delmer W., doing business as Menlove Manufacturing Co., San Francisco, Calif. Grandma Knew. For Soap Compound. 9,750; Apr. 26.

Devir, Joseph P., Philadelphia, Pa. State House Candy. For Candy. 9,751; Apr. 26.

Eaton, Crane & Pike Co., Pittsfield, Mass. Now It's Carrille. For Crane's Carrille. 9,752; Apr. 26.

Longacre, F. H., H. T. Moss, W. A. Yoakum, and P. L. Yoakum, Kansas City, Mo. No More Burnt Food. For Hot Plates. 9,753; Apr. 26.

Menlove Manufacturing Co. (See Call, Delmer W.)

Pepsodent Co., The, Chicago, Ill. Pepsodent The New-Day Tooth Paste Film—The Enemy of Teeth Combat It Daily A-D a G. For Tooth Paste. 9,754; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. This Modern Age Puts Camels First 3 B W 1927. For Cigarettes. 9,755; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Modern Smokers Enjoy The Mellow Fragrance of Camel. For Cigarettes. 9,756; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. I'm Telling You Straight—P. A. is The Works. For Tobacco. 9,757; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. One Grand Little Cigarette—I Made It Myself With P. A. For Tobacco. 9,758; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A.—That's My 'Rolling-Stock!' For Tobacco. 9,759; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Your Pipe Can be a Cheer or a Chore. For Tobacco. 9,760; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. No Better Tobacco Ever Snuggled in a Makin's Paper. For Tobacco. 9,761; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A. Makes Good With Pipe—Particular Men. For Tobacco. 9,762; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. If You Ask Me, P. A. is Great Tobacco! For Tobacco. 9,763; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. I Got Off to a Good Start. For Tobacco. 9,764; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Ask Me How I Like Prince Albert! For Tobacco. 9,765; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. At Peace With The World. For Tobacco. 9,766; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Listen-In, You Roll-Your-Owners. For Tobacco. 9,767; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A. and a Pipe—That's My Dish! For Tobacco. 9,768; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Me and The Joy-Friend . . . Prince Albert. For Tobacco. 9,769; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Camel is The Understanding Smoke. For Cigarettes. 9,770; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. This Modern Age Recognizes The Honest Quality of Camels. For Cigarettes. 9,771; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. This Modern Age Likes The Mellow Mildness of Camels. For Cigarettes. 9,772; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Camel is its Own Reason for Success. For Cigarettes. 9,773; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. This Modern Age Discriminates—and Smokes Camels. For Cigarettes. 9,774; Apd. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. This Modern Age Puts Camels First 3 DV 1927. For Cigarettes. 9,775; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Camels Bring Enjoyment to Living. For Cigarettes. 9,776; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Camels Add to The Joy of Living. For Cigarettes. 9,777; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Top in Quality—First in Popularity. For Cigarettes. 9,778; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. I've Got a Half-Nelson on Jimmy-Pipe Joy! For Tobacco. 9,779; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. When The Plutarchs Start Plutarching. For Tobacco. 9,780; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. What a Cigarette Men, What a Cigarette! For Tobacco. 9,781; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Personally, I Smoke For Pleasure! For Tobacco. 9,782; Apr. 26.

Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. The Happiest Words in The World. For Cigarettes. 9,783; Apr. 26.

Standard Oil Company (New Jersey), Bayonne, N. J. Winter! Colds! Coughs! Catarrh! For Nose and Throat Spray. 9,784; Apr. 26.

Standard Oil Company (New Jersey), Bayonne, N. J. Flit Kills Moth. For Insecticide. 9,785; Apr. 26.

Stanley Works, New Britain, Conn. Make it Yourself From Stanley Plans. For Tools. 9,786; Apr. 26.

Stanly Manly Boys Clothes, Inc., New York, N. Y. Washington Park. For Men's and Boys' Clothing. 9,787; Apr. 26.

Stein, A., & Company, Chicago, Ill. If Fashion Came to This You'd Change Your Garters Oftener. For Garters. 9,788; Apr. 26.

Taylor, Thomas D., Philadelphia, Pa. Today Only. For Musical Instruments. 9,789; Apr. 26.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Abbott Laboratories, North Chicago, Ill. Tasteless castor oil. 232,059; Apr. 26.

Abbott Laboratories, North Chicago, Ill. Periodical. 245,239; Apr. 26.

Abox Company, The, Chicago, Ill. Filters and battery eliminators for use with radio apparatus. 241,850; Apr. 26.

All American Radio Corporation, Chicago, Ill. All-metal Christmas-tree holders. 228,019; Apr. 26.

Allen-Rethemeyer Co., doing business as Rethemeyer Coffee Co., St. Louis, Mo. Coffee. 241,459; Apr. 26.

American Casting Company, Birmingham, Ala. Metal lock-joint culvert pipes and hub and spigot sewer pipes. 245,525; Apr. 26.

American Chicle Company, Long Island City, N. Y. Chewing gum. 243,408; Apr. 26.

American Journal of Clinical Medicine, Inc., The, North Chicago, Ill. Periodical. 244,342; Apr. 26.

American Smelting and Refining Company, New York, N. Y. Salts, acids, and compounds. 244,533; Apr. 26.

American Smelting and Refining Company, New York, N. Y. Lead traps, bends, flanges, lead-lined, pipe and fittings, etc. 244,534; Apr. 26.

American Thermos Bottle Company, The, Norwich, Conn. Bottles, jars, decanters, carafes, hip flasks, coffeepots, etc. 241,199; Apr. 26.

Ames Shovel and Tool Company, Boston, Mass. Shovels, spades, and scoops. 241,254; Apr. 26.

Andrews, Linwood M., Chicago, Ill. Mirrors. 244,647; Apr. 26.

Aphrodite Mfg. Co., The. (See Cassalia, Ben.)

Armand Company, The, Des Moines, Iowa. Face powder and cream. 245,183; Apr. 26.

Aronson Manufacturing Company, Dallas, Tex. Frocks, dresses, and gowns. 218,238; Apr. 26.

Art Craft Fixture Co., Newark, N. J. Table lamps and night lamps. 244,487; Apr. 26.

Atkins, E. C., & Co., Indianapolis, Ind. Machine knives. 237,646-7; Apr. 26.

Atlas Publishing Co., Inc., New York, N. Y. Publication. 245,529; Apr. 26.

Bailey, William J. A., doing business as Bailey Radium Laboratories, assignor to Pauline S. T. Bailey, trading as the Bailey Radium Laboratories, East Orange, N. J. Radioactive medicinal water. 230,781; Apr. 26.

Ballantine, P., and Sons, Newark, N. J. Malt sirup for food purposes. 245,321; Apr. 26.

Bassick Manufacturing Company, The, Chicago, Ill. Covers for tops of automotive vehicles. 245,688; Apr. 26.

Batczel, Horace M., Chicago, Ill. Tomatoes. 244,421; Apr. 26.

Bear Film Co., San Francisco, Calif. Photographs. 245,612; Apr. 26.

Beck-Koller & Company. (See Reichhold, Helmuth.)

Bemiss, William, doing business as California Gummed Products Co., San Francisco, Calif. Gummed paper tape, adding-machine paper, etc. 244,128; Apr. 26.

Bernel Hosiery Company. (See Rosen, Sophia.)

Beverly Co., The, Louisville, Ky. Furniture. 242,702; Apr. 26.

Borgsmiller, Henry, & Sons, Murphysboro, Ill. Canned red beans, kidney beans, corn, peas, etc. 243,193; Apr. 26.

Borresen, Maridean A., Chicago, Ill. Publications. 245,137; Apr. 26.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Bouma, Benjamin T., Lynnville, Iowa. Germicide and insecticide for the treatmenet of skin diseases, etc. 244,537; Apr. 26.

Bradley Knitting Company, Delavan, Wis. Bathing suits. 244,211; Apr. 26.

Brondt, Albert, Trenton, N. J. Healing ointment. 243,686; Apr. 26.

Brown-Durrell Co., Boston, Mass., and New York, N. Y. Underwear. 234,080; Apr. 26.

Buck, Frank H., Company, San Francisco, Calif. Apples, apricots, cherries, grapes, peaches, pears, and plums. 237,720; Apr. 26.

Bulletin Company, Philadelphia, Pa. Newspaper. 245,531; Apr. 26.

Burgess, C. F., Laboratories, Inc., Madison, Wis. Wall board. 243,478; Apr. 26.

Bushman Milling Co., Sayer, Wis. Wheat cereal. 224,538; Apr. 26.

California Gummed Products Co. (See Bemiss, William.)

Capital Food Products Company, Dallas, Tex. Mayonnaise, salad dressing, mustard, etc. 219,418; Apr. 26.

Captain Kidd Products, Inc., Brooklyn, N. Y. Beverage and sirups and extracts for making the same. 245,891; Apr. 26.

Caron Corporation, New York, N. Y. Perfumery and toilet water. 238,483; Apr. 26.

Cassalia, Ben, doing business as The Aphrodite Mfg. Co., Syracuse, N. Y. Hair tonic. 245,335; Apr. 26.

Caterpillar Tractor Co., San Leandro, Calif. Tractors. 244,662 5; Apr. 26.

Cathcart, A. H., & James S. Thompson Company, doing business as Lustrine Laboratories, St. Paul, Minn. Shampoo. 242,520; Apr. 26.

Cellas', Inc., New York, N. Y. Tomato sauce, macaroni, and olive oil. 242,816; Apr. 26.

Chamberlain, Frank H., Company, Incorporated, Boston, Mass. Hats and caps. 239,697; Apr. 26.

Chambers Printing Works, Kalamazoo, Mich. Publication. 243,415; Apr. 26.

Children's Vehicle Corporation, East Templeton, Mass. Children's wheel toys, doll carriages, velocipedes, scooters, etc. 235,800; Apr. 26.

Chrome Alloy Tube Corporation, New York, N. Y. Metal-alloy tubes. 242,092; Apr. 26.

Cincinnati Auto Specialty Co., The, Cincinnati, Ohio. Fabric door and seat covers for automobiles. 238,840; Apr. 26.

Coles Company, The, Middletown, Conn. Wheat flour, stock and poultry feeds. 228,975; Apr. 26.

Colgate & Company, Jersey City, N. J. Perfumes. 245,781; Apr. 26.

Concrete Engineering Company, Omaha, Nebr. Painted tubular steel fenceposts. 241,263; Apr. 26.

Cook, Robert C., doing business as The Current Science Review, McComb, Miss. Magazine. 245,257; Apr. 26.

Coxie Company, The, Muncie, Ind. Chocolate-covered candy bars. 245,190; Apr. 26.

Crocker-Sprague Company, The, Dunkirk, N. Y. Coffee. 244,394; Apr. 26.

Current Science Review, The. (See Cook, Robert C.)

De Haën, E., A.-G., Seelze, near Hanover, Germany. Lubricating oils and lubricating greases. 239,295; Apr. 26.

Delco-Remy Corporation, Dayton, Ohio. Sound signals for automobiles, etc. 244,996; Apr. 26.

Dell Publishing Company, New York, N. Y. Magazine. 245,340; Apr. 26.

Deschiens, Edmond, Paris, France. Medicinal preparations of hæmoglobin. 240,646; Apr. 26.

Destrooper's Raincoat Co., The, Brussels and Ixelles-Brussels, Belgium. Skins and leather. 237,445; Apr. 26.

Didisheim, Hipp., Co., Inc., New York, N. Y. Watches, watchcases, watch movements, and parts thereof. 243,152; Apr. 26.

Dietzmann, Julius, doing business as Ironcraft Works, Los Angeles, Calif. Hand wrought-iron products. 243,596; Apr. 26.

Draper-Maynard Company, The, Plymouth, N. H. Golf balls. 245,479; Apr. 26.

Durwyllan Company, Inc., Paterson, N. J. Transmission and brake-band linings and cotton belting. 242,053; Apr. 26.

Dyrex Distributors, San Francisco, Calif. Floor mops, dusters, wet mops, brushes, etc. 244,434; Apr. 26.

E. M. E. Corporation, doing business as Kemiko Mfg. Co. Chemical compound. 246,018; Apr. 26.

E-Z Opener Bag Company, Decatur, Ill. Paper bags. 225,299; Apr. 26.

Ebsco Patents Proprietary Limited, Melbourne, Victoria, Australia. Machines for printing advertising matter and parts thereof. 243,850; Apr. 26.

Eckel, Francis S., Los Angeles, Calif. Citrous fruits and fresh grapes. 228,231; Apr. 26.

Eckel, Francis S., Los Angeles, Calif. Citrous fruits and fresh grapes. 228,600; Apr. 26.

Eclipse White Lead & Color Company, Brooklyn, N. Y. Paints, and paint enamels. 244,296; Apr. 26.

Ehlenberger, George, & Company, Inc., New York, N. Y., and Miami, Fla. Cheese. 244,003; Apr. 26.

Electric Sales Service Company, San Francisco, Calif. Electric air heaters and electric water heaters. 229,507; Apr. 26.

Eskimo Pie Corporation, Louisville, Ky. Ice cream. 245,143; Apr. 26.

Etna Watch Company, New York, N. Y. Clocks and watches. 241,270; Apr. 26.

Eubölithwerke A.-G. in Olten, Olten, Switzerland. Jointless floors, wainscoting, panels, etc. 227,831; Apr. 26.

Everett, Heaney & Co. Inc., New York, N. Y. Cotton print cloth piece goods. 170,572; Apr. 26.

Falk Mercantile Company Limited, Boise, Idaho. Overalls, pants, and work shirts. 222,565; Apr. 26.

Film Booking Offices of America, Inc., New York, N. Y. Motion-picture films. 243,486; Apr. 26.

Firestone Footwear Company, Hudson, Mass. Footwear of rubber, fabric and rubber, and fabric. 238,902; Apr. 26.

First National Bank in St. Louis, St. Louis, Mo. Books, booklets, etc. 242,420; Apr. 26.

Forhan Company, New York, N. Y. Antiseptic. 243,930; Apr. 26.

Fostoria Screw Company, The, Fostoria, Ohio. Automobile steering-knuckle bolts and bushings, etc. 236,025; Apr. 26.

Fourth Estate Publishing Company, The, New York, N. Y. Weekly publication. 238,499; Apr. 26.

Franklin Oil Company, Burbank, Calif. Lubricating oils and greases, cup greases, universal joint greases, etc. 243,357; Apr. 26.

Fritchie Home Company, The, Frederick, Md. Cakes. 245,704; Apr. 26.

Gabriel, Saml., Sons & Company, New York, N. Y. Water colors. 242,662; Apr. 26.

Gas-Trove Medicine Co. (See Slater, Richard.)

Geometric Tool Company, The, New Haven, Conn. Threading dies. 245,706; Apr. 19.

Gintone Laboratories. (See Schneider, Emil D.)

Goldenson, Hyman, doing business as Goldenson Furniture Company, Pittsburgh, Pa. Refrigerators, ice boxes, and ice-making machines. 242,265; Apr. 26.

Gorodess, Edward, doing business as The Gray Chemical Company, New York, N. Y. Tooth paste. 245,267; Apr. 26.

Go-Toy Mfrs. Inc., Brooklyn, N. Y. Mechanical toys. 232,561; Apr. 26.

Grasselli Chemical Company, The, Cleveland, Ohio. Insecticides. 246,092; Apr. 26.

Gray Chemical Company, The. (See Gorodess, Edward.)

Grierson, David, Buffalo, N. Y. Clothespin bags. 244,498; Apr. 26.

Grossman, Wm., Co., Milwaukee, Wis. Coffee, tea, and spices, etc. 225,303; Apr. 26.

Guaranteed Parts Co., Inc., New York, N. Y. Distributor plates and gears, brush holders, distributor brushes and springs, connecting bars, dust covers, etc. 244,769; Apr. 26.

Hadfield-Penfield Steel Company, The, Bucyrus, Ohio. Tractors, road graders, crawlers, etc. 241,412; Apr. 26.

Hall, Gardiner, Jr., Company, The, South Willington, Conn., and New York, N. Y. Thread. 245,631; Apr. 26.

Hancock, John, Oil Co., Minneapolis, Minn. Gasoline, motor oil, and cup grease, etc. 231,540; Apr. 26.

Harlow, Leilamae, Fort Worth, Tex. Ice-cream cones. 237,412; Apr. 26.

Harpham Brothers Company, Lincoln, Nebr. Glove and mitten of fabric. 242,993; Apr. 26.

Harris, Leonard A., doing business as Rotax Manufacturing Co., Newark, N. J. Portable droplights, lighting and ignition cables, etc. 244,865; Apr. 26.

Hart, Schaffner & Marx, Chicago, Ill. Men's suits and coats. 243,210; Apr. 26.

Hartman Wholesale Corporation, Chicago, Ill. Coal, wood, and gas burning cookstoves and ranges. 238,786; Apr. 26.

Hays Manufacturing Company, Erie, Pa. Machines for tapping water and gas mains and parts thereof. 242,192; Apr. 26.

Healy-Ruff Company, St. Paul, Minn. Radiator hangers and parts thereof. 245,714; Apr. 26.

Heller, Morris, doing business as Il Prodotto Canning Co., Brooklyn, N. Y. Salad oil. 244,933; Apr. 26.

Henderson and Ervin, Norwalk, Conn. Underwear of woven fabric. 236,897; Apr. 26.

Henrite Products Co., Inc., Jersey City, N. J. Commutator brushes. 244,934; Apr. 26.

Hill, H. G., Stores, Inc., New Orleans, La. Coffee and coffee and chicory. 244,499; Apr. 26.

Hoffmann-La Roche Chemical Works, The, New York, N. Y. Medicinal preparation. 245,642; Apr. 26.

Hospital Specialty Co., The, Cleveland, Ohio. Sanitary napkins. 239,111; Apr. 26.

Hudnut, Richard, New York, N. Y. Perfume, toilet water, talcum powder, etc. 244,075; Apr. 26.

Hydrosole Press Corporation, Buffalo, N. Y. Presses for cementing soles to shoes. 245,146; Apr. 26.

Ideal Novelty & Toy Co., Brooklyn, N. Y. Dolls. 245,987; Apr. 26.

Il Prodotto Canning Co. (See Heller, Morris.)

Independent Baking Co., Davenport, Iowa. Cooky cakes. 245,848; Apr. 26.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Ironcraft Works. (See Dietzmann, Julius.)
Jackson, Hattie, Cleveland, Ohio. Hair tonic, hair straightener, hair shampoo, toilet powder, and facial creams. 245,494; Apr. 26.
Jewett Radio & Phonograph Co., The, Detroit, Mich. Radiodials, radio loud speakers, radio receiving sets, etc. 208,407; Apr. 26.
Jordan Marsh Company, Boston, Mass. Hosiery. 245,055; Apr. 26.
Jünger & Gebhart Akt. Ges., Berlin, Germany. Hair tonic, mouth wash, perfume, etc. 234,127; Apr. 26.
Kase-Quinby Rubber Company, Inc., New York, N. Y. Bibs, baby pants, aprons, bathing caps, etc. 227,801; Apr. 26.
Katz, Sol. W., & Company, Philadelphia, Pa. Raincoats. 245,495; Apr. 26.
Kayser, Julius, & Co., New York, N. Y. Hosiery. 243,654; Apr. 26.
KeHawKe Manufacturing Co., Minneapolis, Minn. Tire patches. 245,722; Apr. 26.
Kelley-Connell Co., Berkeley, Calif. Metal valves. 245,723; Apr. 26.
Kemiko Mfg. Co. (See E. M. E. Corporation.)
Kenny, C. D., Co., Inc., Baltimore, Md. Coffee. 245,275; Apr. 26.
Keystone Grocery & Tea Co., Pittsburgh, Pa. Coffee. 223,848; Apr. 26.
King Quality Products, Inc., Buffalo, N. Y. Radio apparatus and parts. 214,083; Apr. 26.
Knecht, Louis, doing business as The Walser Manufacturing Company, Clifton, N. J. Knitted fabrics of silk and rayon and mixtures thereof. 243,220; Apr. 26.
Kokomo Automotive Mfg. Co., Kokomo, Ind. Ventilating eaves, windshield wings, and rear-view mirrors for automobiles. 242,009; Apr. 26.
Kolos, Leo, Cleveland, Ohio. Publication. 245,499; Apr. 26.
Kops Bros. Inc., New York, N. Y. Wide elastic webbing for use in garments. 244,828; Apr. 26.
Krantz, Philip M., Brooklyn, N. Y. Toothbrushes and typewriter brushes. 245,729; Apr. 26.
Kuehn, Paul O., South Bend, Ind. Hosiery. 245,147; Apr. 26.
Kuner Pickle Company, The, Brighton, Colo. Canned vegetables, canned pork and beans, etc. 242,540; Apr. 26.
L. S. & Co. (See Sutern, Leonard.)
Laboratories Jaq Incorporated, New York, N. Y. Medicinal tablets. 245,148; Apr. 26.
La Manna, Azema & Farnan, New York, N. Y. Bottled olives, preserved fruits, and bottled capers. 245,354; Apr. 26.
La Verne Orange Association, La Verne, Calif. Oranges, lemons, and grapefruit. 243,374; Apr. 26.
La Verne Orange Association, La Verne, Calif. Oranges, lemons, and grapefruit. 243,377; Apr. 26.
Lee, Lael C., El Centro, Calif. Fresh cantaloupes, vegetables, and fresh grapes. 235,149; Apr. 26.
Lehn & Fink, Inc., New York, N. Y. Tooth paste. 244,701; Apr. 26.
Lemon Grove Fruit Growers Association, Lemon Grove, Calif. Oranges, lemons, and grapefruit. 237,072; Apr. 26.
Leonard, Richard W., Inc., Chicago, Ill. Insecticides, insect repellents, and disinfectants. 243,274; Apr. 26.
Leopold & Company, Chicago, Ill. Coats, vests, trousers, knickerbockers, etc. 243,097–8; Apr. 26.
Lester, Ltd., Chicago, Ill. Publication. 245,648; Apr. 26.
Levy, S. J., & Co. Inc., New York, N. Y. Men's and young men's suits and overcoats. 245,443; Apr. 26.
Liebovitz, S., & Sons, Inc., New York, N. Y. Dress shirts, negligee shirts, blouses, boys' shirts, and pyjamas. 243,610; Apr. 26.
Livingston, L. D., & Sons, New York, N. Y. Men's shirts. 240,269; Apr. 26.
Loudonville Milling Company, The, Loudonville, Ohio. Wheat flour. 245,569; Apr. 26.
Lowe, Joe, Co., Inc., Brooklyn, N. Y. Bread. 208,410; Apr. 26.
Ludw. Loewe & Co. Actiengesellschaft, Berlin, Germany. Measuring tools and instruments, standard gauges, limit gauges, etc. 243,817; Apr. 26.
Lustrine Laboratories. (See Cathcart, A. H., & James S. Thompson Company.)
Macfadden Publications Incorporated, New York, N. Y. Cartoons or comic strips. 245,061–4; Apr. 26.
Macy, R. H., & Co., Inc., New York, N. Y. Electrical refrigerators. 245,067; Apr. 26.
Mandel & Cohen, New York, N. Y. Ladies' hosiery. 241,946; Apr. 26.
Marcel Franck, Inc., New York, N. Y. Atomizers for perfume and the like. 244,860; Apr. 26.
Marl' Trudeau Co., St. Paul, Minn. Perfumes and toilet waters, face powders, etc. 245,796; Apr. 26.
Marietta Paint & Color Company, The, Marietta, Ohio. Varnishes. 236,943; Apr. 26.
Markel Electric Products, Inc., Buffalo, N. Y. Shade holders for electric lamps. 245,068; Apr. 26.
Marshall Field & Company, Chicago, Ill. Axminster rugs. 245,967; Apr. 26.
Martyn Rosse Co., Omaha, Nebr. Bread. 240,311; Apr. 26.
Masury-Young Company, Charlestown, Mass. Lubricating grease. 221,753; Apr. 26.
McDougall Company, Frankfort, Ind. Kitchen cabinets, domestic units in the nature of cupboard units. 231,625; Apr. 26.
Messingwerk Schwarzwald Aktien-Gesellschaft, Villingen, Germany. Watches and parts thereof. 211,368; Apr. 26.
Metals Protection Corporation, Indianapolis, Ind. Anodes for use in chromium plating. 243,872; Apr. 26.
Meyer, William C., doing business as Wm. C. Meyer Drug Specialty Co., St. Louis, Mo. Lotion. 245,018; Apr. 26.
Milks Emulsion Co., The, Terre Haute, Ind. Laxative emulsion. 245,281; Apr. 26.
Minneapolis Milling Company, Minneapolis, Minn. Wheat flour. 242,018; Apr. 26.
Mlown Creme Co., New York, N. Y. Vanishing cream. 238,384; Apr. 26.
Monarch Drug Co., The, San Diego, Calif. Treatment for venomous snake bites. 244,506; Apr. 26.
Monmouth Rug Mills, Inc., Englishtown, N. J. Oval Axminster rugs. 246,108; Apr. 26.
Moody, Mark H., doing business as Winnisquam Farms, Waterbury, Vt. Farm, orchard, or milk products. 226,012; Apr. 26.
Moto Gauge Company, New York, N. Y. Measuring instruments for determining operating conditions in combustion engines. 237,615; Apr. 26.
Motor Registration News of California, Oakland, Calif. Statistical lists. 245,363; Apr. 26.
Northern Iowa Oil Co., Cresco, Iowa. Gasoline. 242,737; Apr. 26.
Nurre Mirror Plate Company, Bloomington, Ind. Mirrors. 244,625; Apr. 26.
O-U-Dust Corporation, Pasadena, Calif. Brushes, mops, dusters, and dusting cloths. 238,664; Apr. 26.
Oak Press, The, New York, N. Y. Mailing wrappers. 245,103; Apr. 26.
Ohio Match Company, The, Wadsworth, Ohio. Salt. 245,025; Apr. 26.
Oliver Chilled Plow Works, South Bend, Ind. Farm cultivators for use prior to planting. 240,435; Apr. 26.
Orbon Stove Co., Belleville, Ill. Heaters for burning coal, wood, and gas as fuels. 244,881; Apr. 26.
Pacific Coast Biscuit Co., Portland, Oreg. Crackers and candy. 243,559; Apr. 26.
Pacific Orient Co., San Francisco, Calif. Baled newspapers. 243,877; Apr. 26.
Packard Motor Car Company, Detroit, Mich. Automobiles and constructive parts thereof. 206,365; Apr. 26.
Palmdale Fruit & Egg Farm, Palmdale, Calif. Eggs. 244,316; Apr. 26.
Palmer, N., Belting Co., The, Bridgeport, Conn. Leather belting. 245,652; Apr. 26.
Palmers, Limited, Montreal, Quebec, Canada. Bleach creams, beauty creams, cold creams, etc. 225,964; Apr. 26.
Panhandle Refining Company, Wichita Falls, Tex. Petroleum products. 223,137; Apr. 26.
Paper Mills' Company, The, Chicago, Ill. Writing paper and mailing envelopes. 215,090; Apr. 26.
Paramount Paper and Specialty Company, Inc., New York, N. Y. Bond paper. 244,627; Apr. 26.
Parker Brothers, Portland, Me., and Salem, Mass. Game. 244,882; Apr. 26.
Paul, D. P., & Co. Inc., New York, N. Y. Perfumes. 245,653; Apr. 26.
Paxton & Gallagher Co., Omaha, Nebr. Gelatin dessert preparation. 244,717; Apr. 26.
Pedersen, Johannes T., New York, N. Y. Fork-tine straighteners. 245,919; Apr. 26.
Peerless Roll Leaf Co., Inc., New York, N. Y. Imitation gold and silver leaf. 226,968; Apr. 26.
Personal Arts Company, Scranton, Pa. Magazines. 245,104; Apr. 26.
Platt, Maurice A., New York, N. Y. Monthly bulletin. 245,287; Apr. 26.
Play Paddle Mfg. Co. (See Thompson, Andrew L.)
Polx, G. M., Inc., Brooklyn, N. Y. Brassières. 245,407; Apr. 26.
Power, William A. F., Harvard, Mass. Porringers, bowls, basins, mugs, etc. 246,318; Apr. 26.
Press Publishing Company, New York, N. Y. Title of a daily article of boxing news and comment in The World newspaper. 245,408; Apr. 26.
Purity Chemical Products Company, Santa Rosa, Calif. Insecticides of all kinds. 244,570; Apr. 26.
Rash, Warren P., Middlesboro, Ky. Medicine for colds, etc. 226,785; Apr. 26.
Real Adventures Pub. Co., Inc., New York, N. Y. Magazine. 244,241; Apr. 26.
Red Label Products Company. (See Rosenfeld, David L.)
Reed & Carnrick, Jersey City, N. J. Medicinal preparations. 244,107; Apr. 26.
Reichhold, Helmuth, doing business as Beck-Koller & Company, Detroit, Mich. Paints, varnishes, and lacquers. 227,474; Apr. 26.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Reid Ice Cream Corporation, Brooklyn, N. Y. Ice-cream confection. 243,456; Apr. 26.
Reynolds Spring Company, Jackson, Mich. Spring structures. 243,561; Apr. 26.
Robinson Shields Company, Mechanicville, N. Y. Antiseptic ointment. 244,027; Apr. 26.
Roessel, Louis, & Co., Inc., Hazleton, Pa., and New York, N. Y. Silk goods in the piece. 241,299; Apr. 26.
Roll-A-Way Bed Corporation, Chicago, Ill. Couches, beds, mattresses, and bed springs. 227,853; Apr. 26.
Rosen, Sophia, doing business as Bernel Hosiery Company, Tulsa, Okla. Silk hosiery, shoes. 217,113; Apr. 26.
Rosenfeld, David L., doing business as Red Label Products Company, Philadelphia, Pa. Barley-malt sirup. 245,297; Apr. 26.
Rotax Manufacturing Co. (See Harris, Leonard A.)
Roto Company, The, Newark, N. J. Tube cleaners, boiler hand-hole seat scrapers, etc. 245,659; Apr. 26.
Saal, H. G., Company, Chicago, Ill. Radio loud speakers. 243,116; Apr. 26.
San-I-Sal Laboratories, Inc., Washington, D. C. Nasal emollient. 245,926; Apr. 26.
Schluderberg, Wm., T. J. Kurdle Co., The, Baltimore, Md. Animal and poultry foods. 239,680; Apr. 26.
Schneider, Emil D., doing business as Gintone Laboratories, Memphis, Tenn. Brilliantine. 246,055; Apr. 26.
Scott Drug Company, Charoltte, N. C. Insecticide. 245,928; Apr. 26.
Sears & Derr Company, Chillicothe, Ohio. Beverages and sirups used in making the same. 233,580; Apr. 26.
Sears & Derr Company, The, Chillicothe, Ohio. Beverages. 245,755; Apr. 26.
Selby, Ralpha H., Fairoaks, Calif. Dried figs. 238,287; Apr. 26.
Selby, Ralpha H., Fairoaks, Calif. Dried fruits. 238,288; Apr. 26.
Service Equipment Co., South Gate, Calif. Air-pressure gauges. 234,005; Apr. 26.
Sierra Madre Fruit Co., Los Angeles and Casa Blanca, Calif. Fresh citrous fruits, deciduous fruits, vegetables, melons, and grapes. 244,791; Apr. 26.
Slater, Richard, doing business as Gas-Trove Medicine Co., Chattanooga, Tenn. Tonic for indigestion, pains in the back and abdomen, constipation, etc. 245,580; Apr. 26.
Smith, Benjamin D., doing business as Smith Manufacturing Co., Utica, N. Y. Insecticides. 245,111; Apr. 26.
Société Anonyme Rodier, Paris, France. Piece goods of wool, cotton, and silk, and mixtures of the same. 245,758; Apr. 26.
Southern Coffee Mills, Limited, New Orleans, La. Roasted and ground coffee. 241,007; Apr. 26.
Southern Cream and Milk Company, Inc., Atlanta, Ga. Butter. 245,812; Apr. 26.
Southwark Food Products Co., Philadelphia, Pa. Malt sirup for food purposes. 241,969; Apr. 26.
Squills and De Lacy Limited, Clitheroe England. Preparations for the prevention and treatment of diseases of pigeons or poultry. 243,068–70; Apr. 26.
Standard Growers Exchange, Orlando, Fla. Fresh fruits and vegetables. 211,717; Apr. 26.
Standard Insulation Company, Rutherford, N. J. Insulating tapes, varnished cloth, papers, varnished papers, etc. 243,396; Apr. 26.
Stein, Hall Manufacturing Company, Chicago, Ill. Paste. 245,666; Apr. 26.
Sterling Stocking Co., Mount Sterling, Ohio. Stump stockings and socks. 243,979; Apr. 26.
Stern, Norbert, doing business as United Furnace Company of America, Pittsburgh, Pa. Furnaces. 244,373; Apr. 26.
Sterns, F. U., & Company, New York, N. Y. Cotton piece goods. 242,923; Apr. 26.
Stevens, Chas. A., & Bros., Chicago, Ill. Hosiery. 245,303; Apr. 26.
Stover, Inc., Detroit, Mich. Skin creams, skin lotions, dental cream, etc. 245,033; Apr. 26.
Studebaker Corporation, The, South Bend, Ind. Automobiles and structural parts thereof. 236,350; Apr. 26.
Sullivan Smythfield Company, Philadelphia, Pa. Handkerchiefs. 245,814–15; Apr. 26.
Super Fashion Clothes, Brooklyn, N. Y. Suits and coats. 227,482; Apr. 26.
Super-Septic Tank & Engineering Company. (See Wilson, Frederick E.)
Surpass Leather Company, Philadelphia, Pa. Leathers. 243,120; Apr. 26.
Sutera, Leonard, doing business as L. S. & Co., Brooklyn, N. Y. Preparation for the treatment of burns. 244,520; Apr. 26.
Synnott, John, Fort Scott, Kans. Medicine for piles. 245,305; Apr. 26.
Tacoma Grocery Company, Inc., Tocoma, Wash. Canned fish, catchup, and coffee in cans, etc. 240,512; Apr. 26.
Tefra Co., The, Wilmington, Del. Toothbrushes, toothbrush heads, and handles therefor. 237,478; Apr. 26.
Thelse, Benjamin R., New York, N. Y. Silk goods in the piece. 245,034; Apr. 26.
Thompson, Andrew L., doing business as Play Paddle Mfg. Co., Seattle, Wash. Table games played with a ball on a board. 241,073; Apr. 26.
Times-Picayune Publishing Co., The, New Orleans, La. News pictures. 245,381; Apr. 26.
Trico Products Corporation, Buffalo, N. Y. Windshield cleaners of the squeegee type. 244,895; Apr. 26.
Trunkey-Wolfe Co., Inc., The, Wenatchee, Wash. Fresh deciduous fruits. 243,897; Apr. 26.
Tuttle & Bailey Manufacturing Company, New York and Brooklyn, N. Y. Radiator inclosures and cabinets serving as artistic and ornamental additions to furniture. 245,598; Apr. 26.
Tuttle & Bailey Manufacturing Company, New York and Brooklyn, N. Y. Radiator inclosures and cabinets. 245,600; Apr. 26.
United Furnace Company. (See Stern, Norbert.)
Uneeda Drug Co. Inc., New York, N. Y. Antiseptic, astringent, deodorant, etc. 244,637; Apr. 26.
U. S. Glove Co., Marion, Ind. Working gloves, mittens, and gauntlets. 240,228–9; Apr. 26.
United States Graphite Company, The, Saginaw, Mich. Self-lubricating metal-graphite bearings. 245,817; Apr. 26.
Upjohn Company, The, Kalamazoo, Mich. Effervescent salt. 246,136; Apr. 26.
Utility Manufacturing Company Inc., Baltimore, Md. Kitchen wire goods. 245,765; Apr. 26.
Valhalla Company, The, Chicago, Ill. Solution of sodium hypochloride. 245,460; Apr. 26.
Van Amerigen, Arnold L., New York, N. Y. Perfumes, essences of perfumes, aromatic materials, etc. 245,118; Apr. 26.
Vanderbilt, R. T., Company, Inc., New York, N. Y. Clay used as a filler in the manufacture of paper, paints, and rubber products. 242,357; Apr. 26.
Vanderbilt, R. T., Company, Inc., New York, N. Y. Pyrophyllite or talc used as a filler in the manufacture of paper, paints, and rubber products. 242,359; Apr. 26.
Verley, Albert, Inc., Chicago, Ill. Aromatic alcohols, aromatic aldehydes, esters, ketones, etc. 245,119; Apr. 26.
Victor X-Ray Corporation, Chicago, Ill. Rotary rectifying switches and X-ray apparatus. 214,000–1; Apr. 26.
Victor X-Ray Corporation, Chicago, Ill. Bucky diaphragms or secondary ray filters, cassettes, etc. 222,645; Apr. 26.
Wahl, Martin C., El Centro, Calif. Cantaloupes and vegetables. 228,627; Apr. 26.
Walser Manufacturing Company, The. (See Knecht, Louis.)
Ware, Walter F., Company, The, Camden, N. J., and Philadelphia, Pa. Medicine droppers. 244,258; Apr. 26.
Washburn Crosby Company, Minneapolis, Minn. Rye flour. 244,584; Apr. 26.
Washburn Crosby Company, Minneapolis, Minn., and New York, N. Y. Wheat flour. 244,840; Apr. 26.
Washburn Crosby Company, Minneapolis, Minn. Wheat flour. 245,767; Apr. 26.
Watson, L. S., Manufacturing Co., Leicester, Mass. Horse and curry cards and hand cards. 236,858; Apr. 26.
Weaver-Henry Mfg. Co., Los Angeles, Calif. Asphalt-coated composition or paper shingles for roofing, roofing paper. 240,233; Apr. 26.
Weissman, S., Co., Inc., New York, N. Y. Watches, watch movements, and parts of the same. 242,933; Apr. 26.
Wescott Rule Company, Incorporated, Seneca Falls, N. Y. Desk rulers. 244,900; Apr. 26.
Western Elevator & Mfg. Co., San Jose, Calif. Hydraulic hoists. 245,877; Apr. 26.
Wheat Fruit Cereal Co. Inc., West Orange, N. J. Cereal breakfast food. 242,034; Apr. 26.
Wheatley & Schwabe, New York, N. Y. Work shirts, overalls, and overall suits. 243,904; Apr. 26.
White Hall Baking Company, Flint, Mich. Bread. 243,986; Apr. 26.
Whiting-Plover Paper Company, Stevens Point, Wis. Writing and printing paper. 245,128; Apr. 26.
Wilson, Frederick E., doing business as Super-Septic Tank & Engineering Company, Buffalo, N. Y. Septic tanks. 244,842; Apr. 26.
Winnisquam Farms. (See Moody, Mark H.)
Y-O-Ming Company, Pine Bluffs, Wyo. Pile capsules. 245,283; Apr. 26.
Young, W. H., Corporation, Chicago, Ill. Type-operated inking appliances for typewriters, etc. 226,325; Apr. 26.
Youngs Rubber Corporation, Inc., New York, N. Y. Prophylactic rubber articles for the prevention of contagious diseases. 234,605; Apr. 26.
Zaninovich, George, doing business as Zaninovich Bros. Vineyards, Orosi, Calif. Fresh grapes. 234,810; Apr. 26.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Bones, horns, leather, skins, hides. Rand Cold Storage & Supply Company. 227,078; Apr. 26; Serial No. 221,767; published Feb. 15, 1927.
Bones, horns, leather, skins, and hides. Rand Cold Storage & Supply Company. 227,079; Apr. 26; Serial No. 221,768; published Feb. 1, 1927.
Chamois, silver-polishing leather, buffing leather, etc., Chrome-tan. Turner & Cook, Inc. 227,008; Apr. 26; Serial No. 235,003; published Feb. 1, 1927.
Clays, Plastic. California Art Supply Company. 226,938; Apr. 26; Serial No. 241,471; published Feb. 15, 1927.
Coal. Sott Briquet Company. 227,163; Apr. 26.
Flowers, Cut. E. W. McLellan Company. 226,987; Apr. 26; Serial No. 239,127; published Feb. 8, 1927.
Flowers, plants, etc. F. Fleischman. 226,988; Apr. 26; Serial No. 239,403; published Feb. 15, 1927.
Fur pelts. H. Rosenberg. 226,943–4; Apr. 26; Serial Nos. 240,370–1; published Feb. 8, 1927.
Kindling for use in starting fires. Kindler Manufacturing Company. 226,928; Apr. 26; Serial No. 240,190; published Feb. 1, 1927.
Leather, Bag and case. American Hide and Leather Company. 226,984; Apr. 26; Serial No. 238,939; published Feb. 8, 1927.
Leather, Side upper. American Hide and Leather Company. 226,985; Apr. 26; Serial No. 238,940; published Feb. 8, 1927.
Leathers, Upper. Standard Kid Co. 226,999; Apr. 26; Serial No. 240,042; published Feb. 1, 1927.
Plants, Strawberry. J. A. Rauer. 227,062; Apr. 26; Serial No. 233,718; published Feb. 8, 1927.
Refractory materials. H. A. Golwynne. 227,013; Apr. 26; Serial No. 241,714; published Feb. 8, 1927.
Sawdust and shavings. National Sawdust Co. 226,959; Apr. 26; Serial No. 240,433; published Feb. 8, 1927.
Seeds, Farm and grass. Albert Dickinson Company. 226,951; Apr. 26; Serial No. 241,458; published Feb. 15, 1927.
Seeds, Grass and field. W. G. Scarlett. 226,946; Apr. 26; Serial No. 241,304; published Feb. 1, 1927.
Seeds, Grass and field. W. G. Scarlett. 227,115; Apr. 26; Serial No. 241,300; published Feb. 1, 1927.
Seeds, Grass and field. W. G. Scarlett. 227,936–41; Apr. 26; Serial Nos. 241,301–3; published Feb. 1, 1927.
Soapstone, uncured sheet rubber, etc. Fisk Rubber Company. 227,018; Apr. 26; Serial No. 241,815; published Feb. 15, 1927.

CLASS 2.

Bags, Paper. E-Z Opener Bag Company. 227,085; Apr. 26; Serial No. 225,300; published Feb. 15, 1927.
Boxes for holding clamp parts and tools, Refillable sheet-metal kit. Mosier Metal Products Corp. 226,994; Apr. 26; Serial No. 239,713; published Feb. 15, 1927.
Cans and tubes for mailing and for use as containers of goods, Metal-reenforced paper and fiber. R. C. Can Co. 227,138; Apr. 26.

CLASS 4.

Cleanser, dressing, and polish, Shoe. Shu-Milk Products Corp. 226,986; Apr. 26; Serial No. 239,001; published Feb. 15, 1927.
Detergent, Boilerine, Limited. 226,960; Apr. 26; Serial No. 240,482; published Feb. 15, 1927.
Polish for metal. E. A. Fall. 226,953; Apr. 26; Serial No. 240,705; published Feb. 15, 1927.
Soap paper. J. Schnabl. 226,926; Apr. 26; Serial No. 234,596; published Feb. 15, 1927.
Soap, Toilet. James S. Kirk & Company. 227,096; Apr. 26; Serial No. 240,980; published Feb. 15, 1927.
Soaps. Naamlooze Vennootschap International Perfumery Company. 226,978; Apr. 26; Serial No. 238,515; published Feb. 15, 1927.
Soaps. John Wanamaker Philadelphia. 226,963; Apr. 26; Serial No. 240,833; published Feb. 15, 1927.

CLASS 6.

Baking powder. Oliver-Finnie Co. 65,170; renewed Sept. 10, 1927.
Bug powder. A. Nussey. 62,700; renewed May 21, 1927.
Chemical substances. W. & F. Walker Limited. 226,964; Apr. 26; Serial No. 240,838; published Feb. 15, 1927.
Chemicals, aldehydes, alcohols, and natural and synthetic essential oils. Albert Verley, Inc. 227,141; Apr. 26.
Chemicals for boiler-cleaning and water-softening purposes. Mueller Boiler Compound & Chemical Co. 227,134; Apr. 26.
Corn cure. B. H. Liepack Ph. G. 226,968; Apr. 26; Serial No. 237,034; published Feb. 15, 1927.
Cream, Shaving. Burma-Vita Co. 227,135; Apr. 26.
Dye, Hair. S. Sandullo. 227,048; Apr. 26; Serial No. 242,396; published Feb. 15, 1927.
Dyes and dyestuffs. General Dyestuff Corporation. 227,028; Apr. 26; Serial No. 242,056; published Feb. 15, 1927.
Eau de Cologne. Johann Maria Farina gegenüber dem Jülichs-Platz. 61,684; renewed Apr. 2, 1927.
Insecticide. M. J. Forsell. 226,937; Apr. 26; Serial No. 241,478; published Feb. 15, 1927.
Laxative, kidney diuretic, etc. Naheta Products Company. 227,042; Apr. 26; Serial No. 242,307; published Feb. 15, 1927.
Medicinal compound. Oxy Vaporol Co. 227,118; Apr. 26; Serial No. 241,175; published Feb. 15, 1927.
Medicinal preparations. H. E. Bucklen & Company. 63,444; renewed June 18, 1927.
Medicine. H. C. Pickel. 227,021; Apr. 26; Serial No. 241,838; published Feb. 15, 1927.
Medicines. Albert R. Saylor. 62,488; renewed May 7, 1927.
Oil, Textile. Perkins Soap Company. 227,032–4; Apr. 26; Serial Nos. 242,140–2; published Feb. 15, 1927.
Perfume, toilet water, bandoline, etc. Houbigant, Inc. 227,029; Apr. 26; Serial No. 242,057; published Feb. 15, 1927.
Preparation. E. Bowles. 227,149; Apr. 26.
Preparation for purifying blood, indigestion, constipation, etc. A. K. Bogdanowicz. 227,142; Apr. 26.
Preparations for the treatment of burns. J. W. McAteer. 227,153; Apr. 26.
Remedies for certain diseases. H. E. Bucklen & Company. 63,072; renewed June 4, 1927.
Rouge, lip stick, face powders, etc. I. Rosenblatt. 227,061; Apr. 26; Serial No. 233,707; published Dec. 28, 1926.
Salt. Avery Rock Salt Mining Company. 226,945; Apr. 26; Serial No. 240,395; published Jan. 25, 1927.
Skin and hair beautifiers. Zijlstra's Chemische Fabriek. 227,015; Apr. 26; Serial No. 241,763; published Feb. 15, 1927.
Solution for prolonging the life of silk hose. Kalon Corporation. 227,101; Apr. 26; Serial No. 236,881; published Feb. 15, 1927.
Solution for the preservation of eggs. C. E. Walmsley. 227,148; Apr. 26.
Tablets for colds and headaches. E. J. Sormani. 227,024; Apr. 26; Serial No. 241,965; published Feb. 15, 1927.
Tablets, Stomach. A. G. Keller. 227,041; Apr. 26; Serial No. 242,296; published Feb. 15, 1927.
Tonic and dressing for the human hair. D. A. Ford. 227,043; Apr. 26; Serial No. 242,334; published Feb. 15, 1927.
Tonic and grower, and oil for the hair, Hair. R. L. Adams. 227,143; Apr. 26.
Tonic, General. A. B. Vonk. 227,009; Apr. 26; Serial No. 235,985; published Feb. 1, 1927.

CLASS 12.

Asbestos roof cement and asbestos roof coating. Marshall Lefler Company. 226,950; Apr. 26; Serial No. 241,417; published Feb. 15, 1927.
Brick. E. V. Poston. 227,093; Apr. 26; Serial No. 240,998; published Feb. 1, 1927.
Brick, Face. Decatur Brick Manufacturing Company. 226,998; Apr. 26; Serial No. 239,973; published Feb. 1, 1927.
Cement, plaster, lime, lumber, shingles, sash, doors, windows, wall board, etc. O'Neil Lumber Company Inc. 227,090; Apr. 26; Serial No. 241,064; published Feb. 15, 1927.
Conduits. W. C. Meredith. 227,119; Apr. 26; Serial No. 241,172; published Feb. 1, 1927.
Doors. W. W. Smith. 226,966; Apr. 26; Serial No. 240,629; published Feb. 15, 1927.
Eaves troughs. St. Paul Roofing, Cornice & Ornament Co. 227,086; Apr. 26; Serial No. 241,119; published Feb. 15, 1927.
Insulation for high temperatures, Molded. Johns-Manville, Incorporated. 226,948; Apr. 26; Serial No. 241,338; published Feb. 15, 1927.
Jamb-supporting stays. E. B. Carlson. 226,958; Apr. 26; Serial No. 240,594; published Feb. 8, 1927.
Joints, Road. W. R. Meadows, Inc. 227,057; Apr. 26; Serial No. 231,390; published Feb. 15, 1927.
Lime. Woodville Lime Products Company. 227,114; Apr. 26; Serial No. 236,972; published Feb. 1, 1927.
Lumber. Long-Bell Lumber Company. 227,058; Apr. 26; Serial No. 231,553; published Feb. 8, 1927.
Mortar colorings. Samuel H. French & Co. 59,972; renewed Jan. 22, 1927.
Pipe-joint-packing compound. G. W. Gallaway. 227,002; Apr. 26; Serial No. 240,137; published Feb. 8, 1927.
Plaster, Blue Diamond Co. 227,059; Apr. 26; Serial No. 232,650; published Feb. 15, 1927.
Protectors, River-bank. H. M. Smith. 227,128; Apr. 26.
Roofing products, Composition. Richardson Company. 227,083; Apr. 26; Serial No. 224,575; published Feb. 15, 1927.
Shingles, Flintkote Company. 226,927; Apr. 26; Serial No. 240,181; published Feb. 15, 1927.
Shingles, Slate-surfaced composition and slab. Richardson Company. 227,157; Apr. 26.
Stone, Artificial. Price Stone Cement Co. Inc. 226,995; Apr. 26; Serial No. 230,720; published Feb. 8, 1927.

Tiles. Clay Products Company. 226,955; Apr. 26; Serial No. 240,486; published Feb. 8, 1927.
Ventilators, transoms, doors, windows, and panels, Built-in. Ventilouvre Company. 226,975; Apr. 26; Serial No. 218,587; published Feb. 8, 1927.

CLASS 13.

Household appliances and fixtures. Beaver Falls Art Tile Company. 227,145; Apr. 26.
Pipe unions. Kelly & Jones Company. 64,710; renewed Aug. 20, 1927.
Steel tubing. American Seamless Tube Corporation of California. 226,971; Apr. 26; Serial No. 237,527; published Feb. 15, 1927.
Valves and cocks. Kelly & Jones Company. 64,733; renewed Aug. 20, 1927.
Valves, cocks, and unions. Kelly & Jones Company. 64,735; renewed Aug. 20, 1927.
Window screens. R. G. Fleury. 227,060; Apr. 26; Serial No. 233,610; published Feb. 15, 1927.

CLASS 14.

Alloys, Metallic. Phosphor-Bronze Smelting Co. Limited. 64,751; renewed Aug. 20, 1927.
Steels and alloy steels. Central Steel Company. 227,080; Apr. 26; Serial No. 221,875; published Feb. 8, 1927.

CLASS 16.

Fillers. R. F. Johnston Paint Company. 65,280; renewed Sept. 17, 1927.
Paints, Artists' tube. Paintex Products Corporation. 226,934; Apr. 26; Serial No. 241,542; published Feb. 8, 1927.
Paints, enamels, varnishes, etc. Con Ferro Paint & Varnish Co. 226,942; Apr. 26; Serial No. 240,343; published Feb. 8, 1927.
Paints, varnishes, lacquers, etc. Mond Staffordshire Refining Co. Ltd. 227,147; Apr. 26.
Polish, Furniture. G. L. Franks. 226,980; Apr. 26; Serial No. 238,648; published Feb. 8, 1927.
Stains. Standard Varnish Works. 65,204; renewed Sept. 10, 1927.
Stains and stainlike paints for wood. Barrett Company. 227,130; Apr. 26.
Varnishes. Geo. D. Wetherill & Co. 226,947; Apr. 26; Serial No. 241,307; published Feb. 8, 1927.

CLASS 17.

Cigarettes. E. J. Keranakis. 227,169; Apr. 26.
Cigars. American Cigar Company. 227,109; Apr. 26; Serial No. 242,640; published Feb. 15, 1927.
Cigars, cigarettes, etc. Generaldirektion der Österr. Tabak-Regie. 227,007; Apr. 26; Serial No. 234,778; published Feb. 15, 1927.
Tobacco, Leaf. American Sumatra Tobacco Corporation. 227,117; Apr. 26; Serial No. 241,198; published Feb. 15, 1927.

CLASS 19.

Automobile accessories. Oakland Machinery Company. 227,122; Apr. 26.
Radiator caps. Advance Products Corporation. 227,082; Apr. 26; Serial No. 223,678; published Feb. 15, 1927.
Shock absorbers. Reliance Manufacturing Company. 227,052; Apr. 26; Serial No. 225,732; published Feb. 15, 1927.

CLASS 20.

Floor rugs, Felt-base. Goldenberg's. 227,063; Apr. 26; Serial No. 233,820; published Feb. 15, 1927.

CLASS 22.

Cards, Playing. Standard Playing Card Co. 64,431; renewed Aug. 6, 1927.
Cards, Playing. United States Playing Card Co. 64,232; renewed July 30, 1927.
Cards, Playing. United States Playing Card Co. 64,906; renewed Aug. 27, 1927.
Dolls. Fleischaker & Baum. 227,012; Apr. 26; Serial No. 241,611; published Feb. 15, 1927.
Fishhooks. Stone & Smith. 227,139; Apr. 26.
Fishing lines. United States Whip Company. 227,073; Apr. 26; Serial No. 216,078; published Aug. 18, 1925.
Game, J. Gilmour. 227,088; Apr. 26; Serial No. 241,099; published Feb. 15, 1927.
Games, Horseshoe and ring pitching. Schacht Rubber Mfg. Co. 227,023; Apr. 26; Serial No. 241,962; published Feb. 15, 1927.
Novelties, Party favor. A. G. Palmer. 226,929; Apr. 26; Serial No. 241,580; published Feb. 15, 1927.
Velocipedes, tricycles, scooters, etc. United Manufacturing Co. 227,011; Apr. 26; Serial No. 241,592; published Feb. 15, 1927.

CLASS 23.

Agricultural machinery. Advance Thresher Co. 65,347–8; renewed Sept. 24, 1927.
Cutlery. Farwell, Ozmun, Kirk & Co. 65,210; renewed Sept. 10, 1927.
Cutter, Wrapping paper. Graham Paper Company. 227,154; Apr. 26.
Engines and horse powers, Traction. Advance Thresher Co. 65,349–50; renewed Sept. 24, 1927.
Filters, Oil. Visible Gasoline Filter Co. 227,092; Apr. 26; Serial No. 241,012; published Feb. 8, 1927.
Fire extinguishers, Portable. W. H. Banfil. 226,969; Apr. 26; Serial No. 237,218; published Feb. 15, 1927.
Grinders, Tool. Pike Manufacturing Company. 227,107; Apr. 26; Serial No. 242,612; published Feb. 15, 1927.
Knives and forks. Farwell, Ozmun, Kirk & Co. 65,209; renewed Sept. 10, 1927.
Machines, Power-driven radial drilling. Cincinnati Bickford Tool Company. 227,027; Apr. 26; Serial No. 242,043; published Feb. 15, 1927.
Mop and pot scraper, Combined dish. Novelty Cord and Tassel Co. 227,094; Apr. 26; Serial No. 240,994; published Feb. 15, 1927.
Mowers, Lawn. Eclipse Lawn Mower Co. 227,104; Apr. 26; Serial No. 242,578; published Feb. 15, 1927.
Razor blades. Otto Roth, Inc. 227,161; Apr. 26.
Razors and razor blades. Handy Razor Corporation. 227,146; Apr. 26.
Shears, scissors, razors, and pocketknives. Farwell, Ozmun, Kirk & Co. 64,701; renewed Aug. 20, 1927.
Shovels, picks, hoes, axes, etc., Metal. Edward Elwell Limited. 227,072; Apr. 26; Serial No. 213,230; published Feb. 15, 1927.
Well equipment, Oil. J. P. Ratigan. 227,144; Apr. 26.

CLASS 24.

Washing machines, ironing machines, and wringers, Clothes-. Apex Electrical Manufacturing Company. 227,091; Apr. 26; Serial No. 241,023; published Feb. 15, 1927.

CLASS 26.

Calipers and gages. Morse Twist Drill & Machine Company. 62,758; renewed May 21, 1927.
Measuring quantity of milk passing through a pipe line. Apparatus for. F. J. Bender. 227,089; Apr. 26; Serial No. 241,078; published Feb. 15, 1927.
Rules, folding rules, etc. Master Rule Mfg. Co. Inc. 227,166; Apr. 26.

CLASS 28.

Silver knives, forks, spoons, dishes, and condiment receptacles, Solid and plated. Towle Mfg. Company. 61,366; renewed Mar. 19, 1927.

CLASS 29.

Brushes. Hygienic Products Company. 227,158; Apr. 26.
Hairbrushes. Henry L. Hughes Co. Inc. 226,932; Apr. 26; Serial No. 241,571; published Feb. 15, 1927.
Powder puffs. Western Bottle Manufacturing Company. 227,014; Apr. 26; Serial No. 241,755; published Feb. 15, 1927.

CLASS 30.

Cups and saucers, dishes, etc. Kahla China Corporation. 227,053; Apr. 26; Serial No. 225,788; published Feb. 15, 1927.

CLASS 31.

Refrigerators and refrigerator parts. Electric Refrigeration Corporation. 227,140; Apr. 26.

CLASS 32.

Beds, bed springs, mattresses, etc. Hartman Furniture & Carpet Co. 227,156; Apr. 26.
Cabinets and tea wagons, Portable. R. W. Rose. 227,070; Apr. 26; Serial No. 209,592; published Feb. 8, 1927.
Cabinets, Household. Bennett Manufacturing Company. 227,051; Apr. 26; Serial No. 225,105; published Apr. 20, 1926.
Cots, beds, sofas, lounges, etc. Kaufmann Department Stores, Inc. 227,055; Apr. 26; Serial No. 228,908; published Feb. 15, 1927.

CLASS 33.

Glasses and globes, Lamp. Macbeth-Evans Glass Company. 61,782; renewed Apr. 2, 1927.
Glasses and globes, Lamp. Macbeth-Evans Glass Company. 64,615; renewed Aug. 13, 1927.
Glasses, Lamp. Macbeth-Evans Glass Company. 63,833; renewed July 9, 1927.
Glasses, tumblers, and flasks, Whisky and wine. I. H. Fishelov. 227,064; Apr. 26; Serial No. 234,206; published Feb. 15, 1927.

CLASS 34.

Oil burners. Timken-Detroit Company. 227,123; Apr. 26.
Stoves, Gas and oil. Detroit Vapor Stove Co. 227,097; Apr. 26; Serial No. 240,905; published Feb. 15, 1927.
Stoves, Gas, oil, and coal. National Caraley Company. 226,930; Apr. 26; Serial No. 241,579; published Feb. 15, 1927.

CLASS 35.

Belting, Leather and fabric. J. E. Rhoads & Sons. 65,028; renewed Sept. 3, 1927.
Belting, Rubber. Union Rubber and Asbestos Co. 227,099; Apr. 26; Serial No. 240,890; published Feb. 15, 1927.
Brake and clutch linings for automobiles. Multibestos Company. 227,162; Apr. 26.
Brake linings. Allbestos Corporation. 227,040; Apr. 26; Serial No. 242,267; published Feb. 15, 1927.

Hose and machinery packings. Revere Rubber Company. 61,847; renewed Apr. 9, 1927.
Inner tubes for pneumatic-tire casings, Rubber. Fisk Rubber Company. 227,164; Apr. 26.
Jointing materials, engine packings, and hose pipes. Turner Brothers Limited. 64,534; renewed Aug. 13, 1927.
Packings, Leather. E. F. Houghton & Co. 226,957; Apr. 26; Serial No. 240,547; published Feb. 15, 1927.
Tires and tubes of rubber and rubber and fabric, Vehicle. Sears, Roebuck and Co. 226,949; Apr. 26; Serial No. 241,359; published Feb. 15, 1927.
Tires, Automobile. Dayton Rubber Manufacturing Company. 227,152; Apr. 26.
Wheels of motor vehicles, Portable traction surface for. A. H. Penfield. 227,010; Apr. 26; Serial No. 236,054; published Feb. 15, 1927.

CLASS 36.

Phonograph mainsprings, reproducers, tone arms, and micas. Artophone Corporation. 227,100; Apr. 26; Serial No. 236,589; published Jan. 11, 1927.

CLASS 37.

Cards and forms for indexes. Rand Kardex Bureau, Inc. 227,108; Apr. 26; Serial No. 242,617; published Feb. 15, 1927.
Forms for making records of the operation of electrical instruments, Printed ruled. Herman H. Sticht & Co. 227,025; Apr. 26; Serial No. 242,029; published Feb. 15, 1927.
Paper. Atlantic Paper Company. 226,933; Apr. 26; Serial No. 241,555; published Feb. 15, 1927.
Paper and envelopes, Writing. Z. & W. M. Crane, Inc. 227,035–6; Apr. 26; Serial Nos. 242,171–2; published Feb. 15, 1927.
Paper and ledger paper, Bond. Marquette Paper Co. 227,106; Apr. 26; Serial No. 242,600; published Feb. 15, 1927.
Paper and paper towels, Toilet. Continental Paper & Bag Mills Corporation. 227,022; Apr. 26; Serial No. 241,873; published Feb. 15, 1927.
Paper filing and mailing container made from the same, such as envelopes, wallets, etc. A. Bushnell. 227,065; Apr. 26; Serial No. 191,670; published Feb. 15, 1927.
Paper manufactures. Tiffany & Company. 64,808; renewed Aug. 20, 1927.
Paper stock, Multicolored printed. G. A. Ackermann Printing Co. 227,137; Apr. 26.
Paper, Toilet. Northern Paper Mills. 226,976; Apr. 26; Serial No. 238,451; published Feb. 15, 1927.
Paper, Writing. E. E. Lloyd Paper Company. 227,031; Apr. 26; Serial No. 242,135; published Feb. 15, 1927.
Papers, pasted bristol, etc., writing and announcement. B. D. Rising Paper Company. 227,074; Apr. 26; Serial No. 217,388; published Feb. 15, 1927.
Papers, Typewriting. Smith Printing Company. 227,127; Apr. 26.
Pencils and leads therefor, Refillable. Dur-O-Lite Pencil Company. 227,030; Apr. 26; Serial No. 242,118; published Feb. 15, 1927.
Pencils, Lead. Vendex, Inc. 227,026; Apr. 26; Serial No. 242,032; published Feb. 15, 1927.
Pencils, pencil holders, crayons, chalk, rulers, blotters, etc., Lead. Count Alexander von Faber-Castell. 227,006; Apr. 26; Serial No. 240,176; published Jan. 11, 1927.
Sheets and pads, Bridge scoring. Farant, Incorporated. 227,037; Apr. 26; Serial No. 242,175; published Feb. 15, 1927.
Tablets, composition books, notebooks, etc., Writing and school. Osborn Paper Company. 226,935; Apr. 26; Serial No. 241,541; published Feb. 15, 1927.
Tape, Gummed. Gummed Products Company. 227,105; Apr. 26; Serial No. 242,585; published Feb. 15, 1927.
Tape, Gummed. Mid-State Gummed Paper Company. 227,050; Apr. 26; Serial No. 242,545; published Feb. 15, 1927.

CLASS 38.

Magazines. Universal Portland Cement Company. 226,989; Apr. 26; Serial No. 239,446; published Feb. 15, 1927.
Periodicals, Household recipes published in weekly. Great Atlantic & Pacific Tea Co. 227,167; Apr. 26.
Publication, Monthly. American Pharmaceutical Association. 226,962; Apr. 26; Serial No. 240,839; published Feb. 15, 1927.
Transfers and transfer signs formed on smooth surfaces, Decalcomania. Parker & Waterman Mfg. Co. 227,071; Apr. 26; Serial No. 211,609; published Feb. 15, 1927.

CLASS 39.

Boots and shoes, Leather. Guthmann Carpenter & Telling. 63,096; renewed June 4, 1927.
Boots and shoes, Leather. Roberts, Johnson & Rand Shoe Company. 63,130; renewed June 4, 1927.
Boots and shoes, Leather. Roberts, Johnson & Rand Shoe Company. 63,838; renewed July 9, 1927.
Boots, shoes, etc., Rubber. Hood Rubber Company. 227,160; Apr. 26.
Boots, shoes, overshoes, etc., Rubber. Cambridge Rubber Company. 227,170; Apr. 26.
Clothing. A. G. Spalding & Bros. 63,796; renewed July 9, 1927.
Clothing, Children's. M. Cohen. 226,997; Apr. 26; Serial No. 239,910; published Jan. 25, 1927.
Dresses, gowns, frocks, etc. J. Marizon. 227,159; Apr. 26.
Hats and caps, Straw. Townsend Grace Co. of Baltimore City. 62,373; renewed Apr. 30, 1927.
Leggings made from textile fabric. S. Rauh & Company. 65,073; renewed Sept. 3, 1927.
Merinos and underwear made from same. B. Altman. 29,814; renewed Apr. 13, 1927.
Shirts, Dress and negligee. Elder Mfg. Co. 227,171; Apr. 26.
Shoes. Giesecke-D'Oench-Hays Shoe Company. 64,222; renewed July 30, 1927.
Shoes. Peters Shoe Co. 63,370; renewed June 18, 1927.
Suits, Children's. Best & Co. 227,108; Apr. 26.
Suspenders. Marshall Field & Company. 226,979; Apr. 26; Serial No. 238,578; published Jan. 25, 1927.

CLASS 42.

Bed linen, textile blankets, etc. California Cotton Mills. 227,150; Apr. 26.
Cloth for use by painters, decorators, etc., Drop. James E. Richards Company. 227,131; Apr. 26.
Cloth of cotton, silk, etc. Elder Mfg. Co. 227,155; Apr. 26.
Cloth of silk, cotton, and combinations thereof. Elder Mfg. Co. 227,129; Apr. 26.
Ginghams in the piece. Riverside & Dan River Cotton Mills, Inc. 227,165; Apr. 26.
Laces in the piece, Valenciennes. Jordan Marsh Company. 227,120; Apr. 26; Serial No. 241,164; published Feb. 15, 1927.
Silk piece goods. Weill & Callman. 227,102; Apr. 26; Serial No. 242,557; published Feb. 15, 1927.
Textiles. Atuyer, Blanchini, Férier & Cie. 65,267; renewed Sept. 17, 1927.
Velvets and velveteens. Balstone Cooke and Company Limited. 226,972; Apr. 26; Serial No. 237,585; published Feb. 15, 1927.
Woolen piece goods, cotton piece goods, woolen blankets, etc. Joshua Hoyle & Sons, Ltd. Inc. 227,087; Apr. 26; Serial No. 241,102; published Feb. 1, 1927.
Woven knitted, netted, textile, and pile fabrics in the piece. Cheney Brothers. 227,017; Apr. 26; Serial No. 241,811; published Feb. 15, 1927.

CLASS 43.

Thread and yarn, Artificial-silk. Société Lyonnaise de Soie Artificielle. 227,076; Apr. 26; Serial No. 220,686; published Feb. 15, 1927.

CLASS 44.

Dental alloys. S. S. White Mfg. Co. 61,821; renewed Apr. 9, 1927.
Dental plaster. Samuel H. French & Co. 59,971; renewed Jan. 22, 1927.
Dental wax. S. S. White Dental Mfg. Co. 61,820; renewed Apr. 9, 1927.
Nail files. C. J. Bates & Son. 226,982; Apr. 26; Serial No. 238,698; published Feb. 8, 1927.
Ozone-generating apparatus. G. S. White. 226,977; Apr. 26; Serial No. 238,472; published Feb. 8, 1927.
Surgical dressings. Johnson & Johnson. 226,931; Apr. 26; Serial No. 241,574; published Feb. 8, 1927.

CLASS 46.

Apples. Skookum Packers Association. 226,961; Apr. 26; Serial No. 240,739; published Feb. 15, 1927.
Beefsteaks. E. W. D. Docter. 227,068; Apr. 26; Serial No. 199,350; published Sept. 14, 1926.
Butter and cheese. Oliver-Finnie Co. 65,126; renewed Sept. 10, 1927.
Candies, crystallized fruits, and glacé fruits. Oliver-Finnie Co. 65,125; renewed Sept. 10, 1927.
Candy. A. and W. Candy Company. 227,103; Apr. 26; Serial No. 242,559; published Feb. 15, 1927.
Candy. G. P. Ballachey. 226,983; Apr. 26; Serial No. 238,833; published Feb. 15, 1927.
Candy. Bunte Brothers. 227,112; Apr. 26; Serial No. 242,704; published Feb. 15, 1927.
Candy. F. S. Gardner. 227,121; Apr. 26.
Candy. Frank G. Shattuck Company. 226,967; Apr. 26; Serial No. 240,686; published Feb. 15, 1927.
Candy. Hawley & Hoops. 227,136; Apr. 26.
Candy. Jobbers Candy Co. Inc. 226,992; Apr. 26; Serial No. 239,660; published Feb. 15, 1927.
Candy lollipops or suckers. Melvin Candy Company. 227,056; Apr. 26; Serial No. 230,250; published June 29, 1926.
Canned evaporated milk. J. H. Colbert. 227,151; Apr. 26.
Canned fish. Olaf Hertswig Trading Co. Inc. 227,081; Apr. 26; Serial No. 223,439; published Sept. 28, 1926.
Canned vegetables. Fuller Canneries Company. 64,548; renewed Aug. 18, 1927.
Cereal foods. Oliver-Finnie Co. 65,142; renewed Sept. 10, 1927.
Cereal foods. Oliver-Finnie Co. 65,144; renewed Sept. 10, 1927.

Chocolate-covered cream bars. Metro Chocolate Co. Inc. 227,111; Apr. 26; Serial No. 242,681; published Feb. 15, 1927.
Chocolate-covered nut rolls. Metro Chocolate Co. Inc. 227,110; Apr. 26; Serial No. 242,678; published Feb. 15, 1927.
Coffee. Oliver-Finnie Co. 65,143; renewed Sept. 10, 1927.
Coffee. Woolson Spice Company. 227,077; Apr. 26; Serial No. 221,408; published Dec. 29, 1925.
Coffee and tea. Oliver-Finnie Co. 65,127; renewed Sept. 10, 1927.
Confectionery. Bradley, Smith Company. 65,393; renewed Sept. 24, 1927.
Cornstarch, evaporated milk, canned soups, baking chocolate and cocoa, etc. Carpenter Cook Company. 227,069; Apr. 26; Serial No. 205,193; published Feb. 15, 1927.
Diet for infants. Moores & Ross, Inc. 227,044–7; Apr. 26; Serial Nos. 242,385–8; published Feb. 15, 1927.
Extracts and essences of meat. Bovril Limited. 63,090; renewed June 4, 1927.
Fish. General Seafoods Corporation. 226,978; Apr. 26; Serial No. 238,113; published Feb. 15, 1927.
Flour, Wheat. Mapleton Milling Company. 64,942; renewed Aug. 27, 1927.
Food for fish. J. Schlagheck. 65,405; renewed Sept. 24, 1927.
Fruits, Fresh citrous. Umatilla Fruit Co. 226,970; Apr. 26; Serial No. 237,480; published Feb. 15, 1927.
Ice cream. El Paso Ice Cream Co. 226,956; Apr. 26; Serial No. 240,489; published Feb. 15, 1927.
Macaroni. C. Costanza. 227,001; Apr. 26; Serial No. 240,132; published Feb. 1, 1927.
Macaroni. G. & J. Lo Bue Brothers. 227,067; Apr. 26; Serial No. 194,606; published Dec. 16, 1924.
Milk, Evaporated. R. B. Page. 227,132; Apr. 26.
Milk, Powdered. Merrell-Soule Company. 227,016; Apr. 26; Serial No. 241,776; published Feb. 15, 1927.
Mincemeat. F. Keller. 227,124; Apr. 26.
Noodles. Mrs. Hartig's All Egg Noodle Company. 227,126; Apr. 26.
Nut meats. Illinois Nut Products Co. 227,003; Apr. 26; Serial No. 241,573; published Feb. 15, 1927.
Oil, Olive. Lockwood, Brackett Co. 227,039; Apr. 26; Serial No. 242,238; published Feb. 15, 1927.
Peanut butter, edible oil, mayonnaise, etc. S. B. Drucker. 227,000; Apr. 26; Serial No. 240,069; published Feb. 1, 1927.
Peanuts, Salted. Miller Peanut Products Company. 227,038; Apr. 26; Serial No. 242,202; published Feb. 15, 1927.
Preserved figs and marmalade and jam. Texas Fig. 226,993; Apr. 26; Serial No. 239,685; published Feb. 15, 1927.
Salt, Nutritive. M. Keep. 226,965; Apr. 26; Serial No. 240,306; published Feb. 8, 1927.
Sirup, candies, canned peas, cheese, tea, etc., Malt. J. Di Santo. 227,054; Apr. 26; Serial No. 226,888; published June 22, 1926.
Sirup for food purposes, Malt. B. Philips. 227,020; Apr. 26; Serial No. 241,837; published Feb. 15, 1927.
Sirup, Imitation maple. G. J. Arnold Bottlers' Supplies Co. 227,098; Apr. 26; Serial No. 240,899; published Feb. 15, 1927.
Sirup, Malt. M. Brown. 227,049; Apr. 26; Serial No. 242,519; published Feb. 15, 1927.
Thousand Island dressing, salad oil, spices, etc. Mrs. Drenk's Pure Food Products. 227,125; Apr. 26.
Vegetables, cantaloupes, and honey dew melons, Fresh. P. Kahn & Co. 227,113; Apr. 26; Serial No. 242,726; published Feb. 15, 1927.

CLASS 48.

Malt beverages. Jacob Schmidt Brewing Company. 226,975; Apr. 26; Serial No. 238,400; published Jan. 18, 1927.
Malt sirup. Jackson Brewing Company. 226,990; Apr. 26; Serial No. 239,478; published Feb. 15, 1927.
Malt sirups. F. L. Linehan. 227,133; Apr. 26.

CLASS 50.

Awnings, tents, canopies, flags, and tarpaulins. A. Mamaux & Son. 63,817; renewed July 9, 1927.
Blackboards. E. W. A. Rowles Co. 227,116; Apr. 26; Serial No. 241,244; published Feb. 1, 1927.
Bottle caps. Oswego Falls Corporation. 227,019; Apr. 26; Serial No. 241,833; published Feb. 15, 1927.
Brooders. American Steel Products Co. 226,952; Apr. 26; Serial No. 240,694; published Feb. 8, 1927.
Fibrous material, Adhesively-integrated. Respro, Inc. 226,936; Apr. 26; Serial No. 241,497; published Feb. 15, 1927.
Flowers, Artificial and prepared natural. Real Art Flower Co. 226,981; Apr. 26; Serial No. 238,671; published Feb. 8, 1927.
Granite and marble monuments and markers. Monumental Sales & Mfg. Co. 226,991; Apr. 26; Serial No. 239,537; published Feb. 15, 1927.
Map-making devices for teaching purposes. Mapograph Co. Ltd. 226,996; Apr. 26; Serial No. 239,815; published Feb. 15, 1927.
Press blankets, Printers'. Tingue, Brown & Co. 227,066; Apr. 26; Serial No. 192,200; published Apr. 27, 1926.
Rubber sheeting. C. E. Conover Co. 226,974; Apr. 26; Serial No. 238,252; published Feb. 1, 1927.
Tents. F. B. Barbour. 227,084; Apr. 26; Serial No. 224,691; published Feb. 8, 1927.
Thimbles used in connection with shoe lasts. E. M. Fullerton. 226,954; Apr. 26; Serial No. 240,707; published Feb. 8, 1927.
Waterproofed fabrics. American Waterproofing Company. 227,004–5; Apr. 26; Serial Nos. 240,160–1; published Feb. 1, 1927.

ALPHABETICAL LIST OF LABELS.

Al-bi-no. For a Liniment. L. Albino. 31,995; Apr. 26.
Almond Krunch. For Candy. Flavour Candy Co. 32,005; Apr. 26.
Almond Roca. For Confections. Brown & Haley. 31,999; Apr. 26.
Bear Brand. For Photographs. Bear Film Co. 31,997; Apr. 26.
Bimalted. For Candy. Alberta Candy Co. 31,994; Apr. 26.
Black Walnut Flakes. For Candy. Flavour Candy Co. 32,006; Apr. 26.
Blue Ribbon Potato Chips. For Potato Chips. A. A. Walter & Co. 32,024; Apr. 26.
Chicken Bones. For Candy. Flavour Candy Co. 32,007; Apr. 26.
Dr. Whites Blue Pills. For a Medicine Which is a Diuretic Stimulant for the Kidneys and Urinary Organs. First National Laboratories Inc. 32,000; Apr. 26.
Dr. Whites Cold Cream. For a Medicine for the Removal and Prevention of Wrinkles and Blackheads. First National Laboratories Inc. 32,002; Apr. 26.
Dr. Whites Cold Cream. For a Medicine for the Prevention and Removal of Wrinkles and Blackheads. First National Laboratories Inc. 32,004; Apr. 26.
Dr. Whites Lun-ge Hea-la. For a Medicine for Coughs and Colds. First National Laboratories Inc. 32,003; Apr. 26.
Dr. Whites Pink Laxative Pills. For a Medicine for the Liver and Bowels, for Constipation, and Biliousness. First National Laboratories Inc. 32,001; Apr. 26.
Fro-Joy. For Ice Cream. Menasha Printing and Carton Company. 32,015; Apr. 26.
Golden Quality. For Lettuce. Jack Bros. & McBurney Co. 32,009; Apr. 26.
Kwality Blend Koffee. For Roasted and Blended Coffee. Sorver, McEvoy & Co. 32,022; Apr. 26.
Magnesia Effervescente Antibiliosa. For Remedy for Indigestion, Headache, and Other Ailments. J. M. Blanco, Inc. 31,998; Apr. 26.
Malt Breakfast Food. For Breakfast Food. Malted Cereals Company. 32,012; Apr. 26.
Mountain Gold. For Butter. Menasha Printing and Carton Company. 32,016; Apr. 26.
Mrs. Graf's Select Sweets. For Candy. Milwaukee Paper Box Co. 32,018; Apr. 26.
Officer 'Stopgo' The Whistling Traffic Cop. For Toy Traffic Cops. Marks Brothers Co. 32,014; Apr. 26.
Old Home. For Bread. W. E. Long Co. 32,010–11; Apr. 26.
Orolavis. For a Medicinal Preparation for a Throat Gargle and Mouth Wash. Physicians & Hospitals Supply Co. 32,020; Apr. 26.
Pelican. For Cabbages. Gerhardt-Hardwicke Company. 32,008; Apr. 26.
Penwald. For Canned Pears. Olympia Canning Company. 32,019; Apr. 26.
Sackett Cigars, Cigarettes, Smoking Tobacco. For Tobacco Products for Smoking. H. Sackett. 32,021; Apr. 26.
Santiam. For Canned Loganberries. Stayton Canning Co. 32,023; Apr. 26.
Spring Morning Brand. For Sirup Made from Maple and Cane Sugar. Maple Grove Candies, Inc. 32,013; Apr. 26.
Sunlit Honey Liquid Sunshine. For Honey. H. B. Allen. 31,996; Apr. 26.
Top O' The World. For Oranges. Mid-California Citrus Association. 32,017; Apr. 26.

ALPHABETICAL LIST OF PRINTS.

Ask Me How I Like Prince Albert! For Tobacco. R. J. Reynolds Tobacco Company. 9,765; Apr. 26.
At Peace With The World. For Tobacco. R. J. Reynolds Tobacco Company. 9,766; Apr. 26.
Camel is its Own Reason for Success. For Cigarettes. R. J. Reynolds Tobacco Company. 9,773; Apr. 26.
Camel is The Understanding Smoke. For Cigarettes. R. J. Reynolds Tobacco Company. 9,778; Apr. 26.
Camels Add to The joy of Living. For Cigarettes. R. J. Reynolds Tobacco Company. 9,777; Apr. 26.
Camels Bring Enjoyment to Living. For Cigarettes. R. J. Reynolds Tobacco Company. 9,776; Apr. 26.
Flit Kills Moths. For Insecticide. Standard Oil Company (New Jersey). 9,785; Apr. 26.
Grandma Knew. For Soap Compound. D. W. Call. 9,750; Apr. 26.
If Fashion Came to This You'd Change Your Garters Oftener. For Garters. A. Stein & Company. 9,788; Apr. 26.
If You Ask Me, P. A. is Great Tobacco. For Tobacco. R. J. Reynolds Tobacco Company. 9,763; Apr. 26.
I Got Off to a Good Start. For Tobacco. R. J. Reynolds Tobacco Company. 9,764; Apr. 26.
I'm Telling You Straight—P. A. is The Works. For Tobacco. R. J. Reynolds Tobacco Company. 9,757; Apr. 26.
I've Got a Half-Nelson on Jimmy-Pipe Joy! For Tobacco. R. J. Reynolds Tobacco Company. 9,779; Apr. 26.
Listen-In, You Roll-Your-Owners. For Tobacco. R. J. Reynolds Tobacco Company. 9,767; Apr. 26.
Make it Yourself From Stanley Plans. For Tools. Stanley Works. 9,786; Apr. 26.
Me and The Joy-Friend . . . Prince Albert. For Tobacco. R. J. Reynolds Tobacco Company. 9,769; Apr. 26.
Modern Smokers Enjoy The Mellow Fragrance of Camel. For Cigarettes. R. J. Reynolds Tobacco Company. 9,756; Apr. 26.
No Better Tobacco Ever Snuggled in a Makin's Paper. For Tobacco. R. J. Reynolds Tobacco Company. 9,761; Apr. 26.
No More Burnt Food. For Hot Plates. F. H. Longacre, H. T. Moss, W. A. Yoakum, and F. L. Yoakum. 9,753; Apr. 26.
Now It's Carrille. For Crane's Carrille. Eaton, Crane & Pike Co. 9,752; Apr. 26.
One Grand Little Cigarette—I Made it Myself With P. A. For Tobacco. R. J. Reynolds Tobacco Company. 9,758; Apr. 26.
P. A. and a Pipe—That's My Dish! For Tobacco. R. J. Reynolds Tobacco Company. 9 768; Apr. 26.
P. A. Makes Good With Pipe-Particular Men. For Tobacco. R. J. Reynolds Tobacco Company. 9,762; Apr. 26.
P. A.—That's My 'Rolling-Stock!' For Tobacco. R. J. Reynolds Tobacco Company. 9,759; Apr. 26.
Pepsodent The New-Day Tooth Paste Film—The Enemy of Teeth Combat it Daily A-D a G. For Tooth Paste. Pepsodent Co. 9,754; Apr. 26.
Personally, I Smoke For Pleasure! For Tobacco. R. J. Reynolds Tobacco Company. 9,782; Apr. 26.
Petite Coats for Little Women. For Women's Coats. American Girl Coat Co. Inc. 9,749; Apr. 26.
State House Candy. For Candy. J. P. Devir. 9,751; Apr. 26.
The Happiest Words in The World. For Cigarettes. R. J. Reynolds Tobacco Company. 9,783; Apr. 26.
This Modern Age Discriminates—and Smokes Camels. For Cigarettes. R. J. Reynolds Tobacco Company. 9,774; Apr. 26.
This Modern Age Likes The Mellow Mildness of Camels. For Cigarettes. R. J. Reynolds Tobacco Company. 9,772; Apr. 26.
This Modern Age Puts Camels First 3 B W 1927. For Cigarettes. R. J. Reynolds Tobacco Company. 9,755; Apr. 26.
This Modern Age Puts Camels First 3 DV 1927. For Cigarettes. R. J. Reynolds Tobacco Company. 9,775; Apr. 26.
This Modern Age Recognizes The Honest Quality of Camels. For Cigarettes. R. J. Reynolds Tobacco Company. 9,771; Apr. 26.
Today Only. For Musical Instruments. T. D. Taylor. 9,789; Apr. 26.
Top in Quality—First in Popularity. For Cigarettes. R. J. Reynolds Tobacco Company. 9,778; Apr. 26.
Washington Park. For Men's and Boys' Clothing. Stanly Manly Boys Clothes, Inc. 9,787; Apr. 26.
What a Cigarette Men, What a Cigarette! For Tobacco. R. J. Reynolds Tobacco Company. 9,781; Apr. 26.
When The Plutarchs Start Plutarching. For Tobacco. 9,780; Apr. 26.
Winter! Colds! Coughs! Catarrh! For Nose and Throat Spray. Standard Oil Company (New Jersey). 9,784; Apr. 26.
Your Pipe Can be a Cheer or a Chore. For Tobacco. R. J. Reynolds Tobacco Company. 9,760; Apr. 26.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905. Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Baled newspapers. Pacific Orient Co. 243,877; Apr. 26.
Clay used as a filler in the manufacture of paper, paints, and rubber products. R. T. Vanderbilt Company. 242,357; Apr. 26.
Leathers. Surpass Leather Company. 243,120; Apr. 26.
Pyrophyllite or talc used as a filler in the manufacture of paper, paints, and rubber products. R. T. Vanderbilt Company. 242,359; Apr. 26.
Skins and leather. Destrooper's Raincoat Co. 237,445; Apr. 26.

CLASS 2.

Bags, Clothespin. D. Grierson. 244,498; Apr. 26.
Bags, Paper. E-Z Opener Bag Company. 225,299; Apr. 26.
Bottles, jars, decanters, carafes, hip flasks, coffeepots, etc. American Thermos Bottle Company. 241,199; Apr. 26.

CLASS 3.

Horse and curry cards and hand cards. L. S. Watson Manufacturing Co. 236,858; Apr. 26.

CLASS 5.

Paste. Stein, Hall Manufacturing Company. 245,666; Apr. 26.

CLASS 6.

Alcohol, aldehydes, esters, ketones, etc., Aromatic. Albert Verley, Inc. 245,119; Apr. 26.
Antiseptic, astringent, deodorant, etc. Uneeda Drug Co. Inc. 244,637; Apr. 26.
Antiseptic ointment. Robinson Shields Company. 244,027; Apr. 26.
Antiseptics. Forhan Company. 243,933; Apr. 26.
Brilliantine. E. D. Schneider. 246,055; Apr. 26.
Capsules, Pile. Y-O-Ming Company. 245,283; Apr. 26.
Chemical compound. E. M. E. Corporation. 246,018; Apr. 26.
Cream, Vanishing. Miown Creme Co. 238,384; Apr. 26.
Creams, beauty creams, cold creams, etc., Bleach. Palmers, Limited. 225,964; Apr. 26.
Creams, skin lotions, etc., Skin. Stover, Inc. 245,033; Apr. 26.
Effervescent salt. Upjohn Company. 246,136; Apr. 26.
Germicide and insecticide. B. T. Bouma. 244,537; Apr. 26.
Insecticide. Scott Drug Company. 245,928; Apr. 26.
Insecticides. Grasselli Chemical Company. 246,092; Apr. 26.
Insecticides. Purity Chemical Products Company. 244,570; Apr. 26.
Insecticides. B. D. Smith. 245,111; Apr. 26.
Insecticides, insect repellents, and disinfectants. Richard W. Leonard, Inc. 243,274; Apr. 26.
Laxative emulsion. Milks Emulsion Co. 245,281; Apr. 26.
Lotion for cracked, chapped, and bleeding hands. W. C. Meyer. 245,018; Apr. 26.
Medicinal preparation. Hoffmann-La Roche Chemical Works. 245,642; Apr. 26.
Medicinal preparations. E. Deschiens. 240,646; Apr. 26.
Medicinal preparations. Reed & Carnrick. 244,107; Apr. 26.
Medicinal tablets. Laboratories Jaq Incorporated. 245,148; Apr. 26.
Medicinal water. Radioactive. W. J. A. Bailey. 230,781; Apr. 26.
Medicine. W. P. Rash. 226,785; Apr. 26.
Medicine for piles. J. Synnott. 245,305; Apr. 26.
Nasal emollient. San-I-Sal Laboratories, Inc. 245,926; Apr. 26.
Oil, Tasteless castor. Abbott Laboratories. 232,059; Apr. 26.
Ointment, Healing. A. Brandt. 243,686; Apr. 26.
Perfume, toilet water, talcum powder, etc. R. Hudnut. 244,075; Apr. 26.
Perfumes. Colgate & Company. 245,781; Apr. 26.
Perfumes. D. P. Paul & Co. Inc. 245,653; Apr. 26.
Perfumes and toilet waters, face powders, etc. Mari' Trudeau Co. 245,796; Apr. 26.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Perfumes, essences of perfumes, aromatic materials, etc. A. L. Van Ameringen. 245,118; Apr. 26.
Perfumery and toilet water. Caron Corporation. 238,483; Apr. 26.
Powder and cream, Face. Armand Company. 245,183; Apr. 26.
Preparation for the prevention and treatment of diseases of pigeons or poultry. Squills and De Lacy Limited. 243,068–70; Apr. 26.
Preparation for the treatment of burns. L. Sutera. 244,520; Apr. 26.
Shampoo. A. H. Cathcart & James S. Thompson Company. 242,520; Apr. 26.
Salt. Ohio Match Company. 245,025; Apr. 26.
Salts, acids, and compounds. American Smelting and Refining Company. 244,533; Apr. 26.
Sodium hypochloride, Solution of. Valhalla Company. 245,460; Apr. 26.
Tonic for indigestion, pains in the back and abdomen, constipation, etc. R. Slater. 245,586; Apr. 26.
Tonic, Hair. B. Cassalia. 245,335; Apr. 26.
Tonic, hair straightener, hair shampoo, toilet powder, etc., Hair. H. Jackson. 245,494; Apr. 26.
Tonic, mouth wash, perfumes, etc., Hair. Jünger & Gebhardt Akt. Ges. 234,127; Apr. 26.
Tooth paste. E. Gorodess. 245,267; Apr. 26.
Tooth paste. Lehn & Fink, Inc. 244,701; Apr. 26.
Treatment for venomous snake bites. Monarch Drug Co. 244,509; Apr. 26.

CLASS 11.

Gold and silver leaf, Imitation. Peerless Roll Leaf Co. 226,968; Apr. 26.

CLASS 12.

Asphalt coated composition or paper shingles for roofing, roofing paper. Weaver-Henry Mfg. Co. 240,283; Apr. 26.
Floors, wainscoting, panels, etc. Eubdolithwerke A.-G. in Olten. 227,831; Apr. 26.
Wall board. C. F. Burgess Laboratories, Inc. 243,478; Apr. 26.

CLASS 13.

Bolts and bushings, etc., Automobile steering-knuckle. Fostoria Screw Company. 236,025; Apr. 26.
Christmas-tree holders, All-metal. All-American Radio Corporation. 228,019; Apr. 26.
Fenceposts, Tubular steel. Concrete Engineering Company. 241,263; Apr. 26.
Iron grille-work guards, fences and panels, andirons, gates and hand rails, etc. J. Dietzmann. 243,596; Apr. 26.
Kitchen wire goods. Utility Manufacturing Company Inc. 245,765; Apr. 26.
Lead traps, bends, flanges, etc. American Smelting and Refining Company. 244,534; Apr. 26.
Metal alloy tubes. Chrome Alloy Tube Corporation. 242,092; Apr. 26.
Metal valves. Kelley-Connell Co. 245,723; Apr. 26.
Pipes, and hub and spigot sewer pipes, Metal lock-joint culvert. American Casting Company. 245,525; Apr. 26.
Radiator hangers and parts thereof. Healy-Ruff Company. 245,714; Apr. 26.
Tanks, Septic. F. E. Wilson. 244,842; Apr. 26.

CLASS 14.

Anodes. Metals Protection Corporation. 243,872; Apr. 26.

CLASS 15.

Gasoline. Northern Iowa Oil Co. 242,737; Apr. 26.
Gasoline, oil, grease. John Hancock Oil Co. 231,540; Apr. 26.
Grease, Lubricating. Masury-Young Company. 221,753; Apr. 26.
Oils and greases, cup grease, universal-joint grease, etc., Lubricating. Franklin Oil Company. 243,357; Apr. 26.
Oils and greases, Lubricating. E. de Haën A.-G. 239,295; Apr. 26.
Petroleum products. Panhandle Refining Company. 223,137; Apr. 26.

CLASS 16.

Colors, Water. Saml. Gabriel Sons & Company. 242,662; Apr. 26.
Paints and paint enamels. Eclipse White Lead & Color Company. 244,296; Apr. 26.
Paints, varnishes, and lacquers. H. Reichhold. 227,474; Apr. 26.
Varnishes. Marietta Paint & Color Company. 236,943; Apr. 26.

CLASS 19.

Automobiles and constructive parts thereof. Packard Motor Car Company. 206,865; Apr. 26.
Automobiles and structural parts thereof. Studebaker Corporation. 236,350; Apr. 26.
Automobiles, Fabric door and seat covers for. Cincinnati Auto Specialty Co. 238,840; Apr. 26.
Automobiles, Ventilating eaves, windshield wings, and rear view mirrors for. Kokomo Automotive Mfg. Co. 242,009; Apr, 26.
Covers for tops of automotive vehicles. Bassick Manufacturing Company. 245,688; Apr. 26.

CLASS 21.

Commutator brushes. Henrite Products Co. 244,934; Apr. 26.
Distributor plates and gears, brush holders, distributor brushes and springs, connecting bars, dust covers, etc. Guaranteed Parts Co. 244,709; Apr. 26.
Droplights, lighting and ignition cables, etc., Portable. L. A. Harris. 244,865; Apr. 26.
Electric lamps, Shade holders for. Markel Electric Products, Inc. 245,068; Apr. 26.
Filters and battery eliminators. Abox Company. 241,850; Apr. 26.
Heaters, Electric air and water. Electric Sales Service Company. 229,507; Apr. 26.
Insulating tapes, varnished cloth, papers, varnished papers, etc. Standard Insulation Company. 243,396; Apr. 26.
Lamps, Electric. Art Craft Fixture Co. 244,487; Apr. 26.
Radio apparatus and parts. King Quality Products, Inc. 214,083; Apr. 26.
Radiodials, radio loud speakers, radio receiving sets, etc. Jewett Radio & Phonograph Co. 208,407; Apr. 26.
Radio loud speakers. H. G. Saal Company. 243,116; Apr. 26.
Sound signals for automobiles, etc. Delco-Remy Corporation. 244,996; Apr. 26.

CLASS 22.

Dolls. Ideal Novelty & Toy Co. 245,987; Apr. 26.
Game. Parker Brothers. 244,882; Apr. 26.
Games played with a ball on a board, Table. A. L. Thompson. 241,073; Apr. 26.
Golf balls. Draper-Maynard Company. 245,479; Apr. 26.
Toys, doll carriages, velocipedes, scooters, etc., Children's wheel. Children's Vehicle Corporation. 235,800; Apr. 26.
Toys, Mechanical. Go-Toy Mfrs. Inc. 232,561; Apr. 26.

CLASS 23.

Bearings, Self-lubricating metal-graphite. United States Graphite Company. 245,817; Apr. 26.
Cultivators, Farm. Oliver Chilled Plow Works. 240,435; Apr. 26.
Dies, Threading. Geometric Tool Company. 245,706; Apr. 26.
Fork-tine straighteners. J. T. Pedersen. 245,919; Apr. 26.
Hoists, Hydraulic. Western Elevator & Mfg. Co. 245,877; Apr. 26.
Inking appliances, Type-operated. W. H. Young Corporation. 226,325; Apr. 26.
Knives, Machine. E. C. Atkins & Co. 237,646–7; Apr. 26.
Machines for printing advertising matter and parts thereof. Ebsco Patents Proprietary Limited. 243,850; Apr. 26.
Machines for tapping water and gas mains and parts thereof. Hays Manufacturing Company. 242,192; Apr. 26.
Porringers, bowls, basins, mugs, plates, etc. W. A. F. Power. 240,318; Apr. 26.
Presses for cementing soles to shoes. Hydrosole Press Corporation. 245,146; Apr. 26.
Shovels, spades, and scoops. Ames Shovel and Tool Company. 241,254; Apr. 26.
Tractors. Caterpillar Tractor Co. 244,662–5; Apr. 26.
Tractors, road graders, crawlers, etc. Hadfield-Penfield Steel Company. 241,412; Apr. 26.
Tube cleaners, boiler hand-hole seat scrapers, etc. Roto Company. 245,659; Apr. 26.

CLASS 26.

Diaphragms or secondary ray filters, cassettes, etc., Bucky. Victor X-Ray Corporation. 222,645; Apr. 26.
Gauges, Air-pressure. Service Equipment Co. 234,005; Apr. 26.
Measuring instruments for determining operating conditions in combustion engines. Moto Gauge Company. 237,615; Apr. 26.
Measuring tools and instruments, standard gauges, limit gauges, etc. Ludw. Loewe & Co. Actiengesellschaft. 243,817; Apr. 26.
Picture films, Motion-. Film Booking Offices of America, Inc. 243,486; Apr. 26.
Rulers, Desk. Westcott Rule Company. 244,900; Apr. 26.

CLASS 27.

Clocks and watches. Etna Watch Company. 241,270; Apr. 26.
Watches and parts thereof. Messingwerk Schwarzwald Aktien-Gesellschaft. 211,368; Apr. 26.
Watches, watchcases, watch movements, and parts thereof. Hipp. Didisheim Co. 243,152; Apr. 26.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Watches, watch movements, and parts of the same. S. Weissman Co. 242,933; Apr. 26.

CLASS 29.

Brushes, mops, dusters, and dusting cloths. O-U-Dust Corporation. 238,664; Apr. 26.
Mops, dusters, brushes, etc., Floor. Dyrex Distributors. 244,434; Apr. 26.
Toothbrushes and typewriter brushes. P. M. Krantz. 245,729; Apr. 26.
Toothbrushes, toothbrush heads, and handles therefor. Tefra Co. 237,478; Apr. 26.
Windshield cleaners. Trico Products Corporation. 244,895; Apr. 26.

CLASS 31.

Refrigerators, Electrical. R. H. Macy & Co. 245,067; Apr. 26.
Refrigerators, ice boxes, and ice-making machines. H. Goldenson. 242,265; Apr. 26.

CLASS 32.

Couches, beds, mattresses, and bed springs. Roll-A-Way Bed Corporation. 227,853; Apr. 26.
Furniture. Beverly Co. 242,702; Apr. 26.
Kitchen cabinets, domestic units in the nature of cupboard units. McDougall Company. 231,625; Apr. 26.
Mirrors. L. M. Andrews. 244,647; Apr. 26.
Mirrors. Nurre Mirror Plate Company. 244,625; Apr. 26.
Radiator inclosures and cabinets. Tuttle & Bailey Manufacturing Company. 245,600; Apr. 26.
Radiator inclosures and cabinets serving as artistic and ornamental additions to furniture. Tuttle & Bailey Manufacturing Company. 245,598; Apr. 26.
Spring structures. Reynolds Spring Company. 243,561; Apr. 26.

CLASS 34.

Cookstoves, and ranges, Coal, wood, and gas burning. Hartman Wholesale Corporation. 238,786; Apr. 26.
Furnaces. N. Stern. 244,373; Apr. 26.
Heaters. Orbon Stove Co. 244,881; Apr. 26.

CLASS 35.

Belting, Leather. N. Palmer Belting Co. 245,652; Apr. 26.
Tire patches. KeHawKe Manufacturing Co. 245,722; Apr. 26.
Transmission and brake-band linings and cotton belting. Durwyllan Company. 242,053; Apr. 26.

CLASS 37.

Paper and mailing envelopes, Writing. Paper Mills' Company. 215,090; Apr. 26.
Paper, Bond. Paramount Paper and Specialty Company. 244,627; Apr. 26.
Paper tape, adding-machine paper, etc., Gummed. W. Bemiss. 244,128; Apr. 26.
Paper, Writing and printing. Whiting-Ploover Paper Company. 245,128; Apr. 26.
Wrappers, Mailing. Oak Press. 245,103; Apr. 26.

CLASS 38.

Books, booklets, etc., Printed. First National Bank in St. Louis. 242,420; Apr. 26.
Bulletin, Monthly. M. A. Platt. 245,287; Apr. 26.
Cartons and comic strips. Macfadden Publications Incorporated. 245,061–4; Apr. 26.
Magazine. R. C. Cook. 245,257; Apr. 26.
Magazine. Dell Publishing Company. 245,340; Apr. 26.
Magazine. Real Adventures Pub. Co. 244,241; Apr. 26.
Magazines. Personal Arts Company. 245,104; Apr. 26.
Newspaper. Bulletin Company. 245,531; Apr. 26.
News pictures. Times-Picayune Publishing Co. 245,381; Apr. 26.
Periodical. Abbott Laboratories. 245,239; Apr. 26.
Periodical. American Journal of Clinical Medicine, Inc. 244,342; Apr. 26.
Photographs. Bear Film Co. 245,612; Apr. 26.
Publication. Atlas Publishing Co. 245,529; Apr. 26.
Publication. Chambers Printing Works. 243,415; Apr. 26.
Publication. L. Kolos. 245,499; Apr. 26.
Publication. Lester, Ltd. 245,648; Apr. 26.
Publication, Weekly. Fourth Estate Publishing Company. 238,499; Apr. 26.
Publications. M. A. Borresen. 245,137; Apr. 26.
Statistical lists. Motor Registration News of California. 245,363; Apr. 26.
Title of a daily article of boxing news and comment in The World newspaper. Press Publishing Company. 245,408; Apr. 26.

CLASS 39.

Bathing suits. Bradley Knitting Company. 244,211; Apr. 26.
Bibs, baby pants, aprons, etc. Kase-Quinby Rubber Company. 227,801; Apr. 26.
Boots, shoes, rubbers, overshoes, etc. Firestone Footwear Company. 238,902; Apr. 26.
Brassières. G. M. Polx, Inc. 245,407; Apr. 26.
Coats, vests, trousers, etc. Leopold & Company. 243,097–8; Apr. 26.
Frocks, dresses, and gowns. Aronson Manufacturing Company. 218,238; Apr. 26.
Glove and mitten of fabric. Harpham Brothers Company. 242,993; Apr. 26.
Gloves, mittens, and gauntlets, Working. U. S. Glove Co. 240,228–9; Apr. 26.
Hats and caps. Frank H. Chamberlain Company. 239,697; Apr. 26.
Hosiery. Jordan Marsh Company. 245,055; Apr. 26.
Hosiery. Julius Kayser & Co. 243,654; Apr. 26.
Hosiery. P. O. Kuehn. 245,147; Apr. 26.
Hosiery. Chas. A. Stevens & Bros. 245,303; Apr. 26.
Hosiery and shoes. S. Rosen. 217,113; Apr. 26.
Hosiery, Ladies'. Mandel & Cohen. 241,946; Apr. 26.
Overalls, pants, and work shirts. Falk Mercantile Company Limited. 222,565; Apr. 26.
Raincoats. Sol. W. Katz & Company. 245,495; Apr. 26.
Shirts, Men's. L. D. Livingston & Sons. 240,269; Apr. 26.
Shirts, negligee shirts, blouses, boys' shirts, and pyjamas, Dress. S. Liebovitz & Sons, Inc. 243,610; Apr. 26.
Shirts, overalls, and overall suits, Work. Wheatley & Schwabe. 243,904; Apr. 26.
Stockings and socks, Stump. Sterling Stocking Co. 243,979; Apr. 26.
Suits and coats. Super Fashion Clothes. 227,482; Apr. 26.
Suits and coats, Men's. Hart, Schaffner & Marx. 243,210; Apr. 26.
Suits and overcoats, Men's and young men's. S. J. Levy & Co. Inc. 245,443; Apr. 26.
Underwear. Henderson and Ervin. 236,897; Apr. 26.
Underwear and bathing suits. Brown-Durrell Co. 234,080; Apr. 26.

CLASS 42.

Cotton piece goods. F. U. Stearns & Company. 242,923; Apr. 26.
Cotton print cloth piece goods. Everett, Heaney & Co. Inc. 170,572; Apr. 26.
Elastic webbing for use in garments, Wide. Kops Bros. Inc. 244,828; Apr. 26.
Handkerchiefs. Sullivan Smythfield Company. 245,814–15; Apr. 26.
Knitted fabrics of silk and rayon. L. Knecht. 243,220; Apr. 26.
Piece goods of wool, cotton, and silk and mixtures of the same. Société Anonyme Rodier. 245,758; Apr. 26.
Rugs. Marshall Field & Company. 245,967; Apr. 26.
Rugs. Monmouth Rug Mills, Inc. 246,108; Apr. 26.
Silk goods in the piece. Louis Roessel & Co. 241,299; Apr. 26.
Silk goods in the piece. B. R. Theise. 245,034; Apr. 26.

CLASS 43.

Thread. Gardiner Hall jr. Company. 245,631; Apr. 26.

CLASS 44.

Atomizers for perfume and the like. Marcel Franck, Inc. 244,860; Apr. 26.
Medicine droppers. Walter F. Ware Company. 244,258; Apr. 26.
Prophylactic rubber articles for the prevention of contagious diseases. Youngs Rubber Corporation, Inc. 234,605; Apr. 26.
Sanitary napkins. Hospital Specialty Co. 239,111; Apr. 26.
Switches and X-ray apparatus, Rotary rectifying. Victor X-ray Corporation. 214,900–901; Apr. 26.

CLASS 45.

Beverage and sirups and extracts for making the same, Maltless. Captain Kidd Products, Inc. 245,891; Apr. 26.
Beverages. Sears & Derr Company. 245,755; Apr. 26.
Beverages and flavoring sirups used in making the same. Sears & Derr Company. 233,580; Apr. 26.

CLASS 46.

Apples, apricots, cherries, etc. Frank H. Buck Company. 237,720; Apr. 26.
Bread. Joe Lowe Co. Inc. 208,410; Apr. 26.
Bread. Martyn Rosse Co. 240,311; Apr. 26.
Bread. White Hall Baking Company. 243,986; Apr. 26.
Butter. Southern Cream and Milk Company. 245,812; Apr. 26.
Cakes. Fritchie Home Company. 245,704; Apr. 26.
Candy bars, Chocolate-covered. Cozie Company. 245,190; Apr. 26.
Canned fish, catchup and coffee in cans, etc. Tacoma Grocery Company. 240,512; Apr. 26.
Canned red beans, kidney beans, corn, peas, etc. Henry Borgsmiller & Sons. 243,193; Apr. 26.
Canned vegetables, canned pork and beans, and pickles. Kuner Pickle Co. 242,540; Apr. 26.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Cantaloupes and vegetables. M. C. Wahl. 228,627; Apr. 26.
Cantaloupes, vegetables, and grapes, Fresh. L. C. Lee. 235,149; Apr. 26.
Cereal. Wheat Fruit Cereal Co. Inc. 242,034; Apr. 26.
Cereal, Wheat. Bushman Milling Co. 244,538; Apr. 26.
Cheese. George Ehlenberger & Company. 244,003; Apr. 26.
Coffee. Allen-Rethemeyer Co. 241,459; Apr. 26.
Coffee. Crocker-Sprague Company. 244,394; Apr. 26.
Coffee. H. G. Hill Stores, Inc. 244,499; Apr. 26.
Coffee. C. D. Kenny Co. 245,275; Apr. 26.
Coffee. Keystone Grocery & Tea Co. 223,848; Apr. 26.
Coffee, Roasted and ground. Southern Coffee Mills, Limited. 241,007; Apr. 26.
Coffee, tea, and spices, etc. Wm. Grossman Co. 225,303; Apr. 26.
Cooky cakes. Independent Baking Co. 245,843; Apr. 26.
Crackers and candy. Pacific Coast Biscuit Co. 243,559; Apr. 26.
Eggs. Palmdale Fruit & Egg Farm. 244,316; Apr. 26.
Figs, Dried. R. H. Selby. 238,287; Apr. 26.
Flour, Rye. Washburn Crosby Company. 244,584; Apr. 26.
Flour, stock and poultry feeds, Wheat. Coles Company. 228,975; Apr. 26.
Flour, Wheat. Loudonville Milling Company. 246,569; Apr. 26.
Flour, Wheat. Minneapolis Milling Company. 242,018; Apr. 26.
Flour, Wheat. Washburn Crosby Company. 244,840; Apr. 26.
Flour, Wheat. Washburn Crosby Company. 245,767; Apr. 26.
Foods, Animal and poultry. Wm. Schluderberg-T. J. Kurdle Co. 239,680; Apr. 26.
Fruits and fresh grapes, Fresh citrous. F. S. Eckel. 228,600; Apr. 26.
Fruits and grapes, Fresh citrous. F. S. Eckel. 228,231; Apr. 26.
Fruits and vegetables, Fresh. Standard Growers Exchange. 211,717; Apr. 26.
Fruits, Dried. R. H. Selby. 238,288; Apr. 26.
Fruits, Fresh deciduous. Trunkey-Wolfe Co. 243,897; Apr. 26.
Fruits, fresh deciduous fruits, vegetables, melons, and grapes, Fresh citrous. Sierra Madre Fruit Co. 244,791; Apr. 26.
Gelatin dessert preparation. Paxton & Gallagher Co. 244,717; Apr. 26.
Grapes, Fresh. G. Zaninovich. 234,810; Apr. 26.
Gum, Chewing. American Chicle Company. 243,408; Apr. 26.
Ice cream. Eskimo Pie Corporation. 245,143; Apr. 26.
Ice-cream cones. L. Harlow. 237,412; Apr. 26.
Ice-cream confection. Reid Ice Cream Corporation. 243,456; Apr. 26.
Mayonnaise salad dressing, mustard, etc. Capital Food Products Company. 219,418; Apr. 26.
Olives, preserved fruits, and capers, Bottled. La Manna, Azema & Farnan. 245,354; Apr. 26.
Oranges, lemons, and grapefruit. La Verne Orange Association. 243,374; Apr. 26.
Oranges, lemons, and grapefruit. La Verne Orange Association. 243,377; Apr. 26.
Oranges, lemons, and grapefruit. Lemon Grove Fruit Growers Association. 237,672; Apr. 26.
Products, Farm, orchard, or milk. M. H. Moody. 226,012 Apr. 26.
Salad oil. M. Heller. 244,933; Apr. 26.
Tomato sauce, macaroni, and olive oil. Cellas', Inc. 242,816; Apr. 26.
Tomatoes. H. M. Batezel. 244,421; Apr. 26.

CLASS 48.

Malt sirup, Barley. D. L. Rosenfeld. 245,297; Apr. 26.
Malt sirup for food purposes. P. Ballantine and Sons. 245,321; Apr. 26.
Malt sirup for food purposes. Southwark Food Products Co. 241,969; Apr. 26.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 26TH DAY OF APRIL, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abbe, George C., assignor to American Road Machinery Company, Inc., Kennett Square, Pa. Differential lock for tractors. 1,626,374; Apr. 26.

Acme Knitting Machine & Needle Company. (See Murphy, G., and Simond, assignors.)

Adams, John B., assignor to B. Egley, Wellington, New Zealand. Life belt. 1,625,971; Apr. 26.

Akers, Ernest, C. C. Mims, F. L. Moutray, and L. P. Miller, Huntsville, Tex. Oil-saving device. 1,626,494; Apr. 26.

Aktiebolaget Karlstads Mekaniska Verkstad. (See Ullgren, Johan D., assignor.)

Aldendorff, Fritz, Berlin-Wilmersdorf, Germany, assignor of one-fourth to P. Kolisch, New York, N. Y. Electromechanically-controlled telephone system. 1,625,779; Apr. 26.

Alexanderson, Charles A., assignor to E. W. Durkee, New York, N. Y. Apparatus for filling cans or other receptacles. 1,626,375; Apr. 26.

Alfieres, Emanuel J., New York, N. Y. Separable vault-light lens frame. 1,626,063; Apr. 26.

Allmanna Svenska Elektriska Aktiebolaget. (See Stenkvist, Emil, assignor.)

Alms, John A., Joplin, Mo. Mail box. 1,626,320; Apr. 26.

Altorfer, Alpheus W., Peoria, assignor to Altorfer Bros. Company, East Peoria, Ill. Washing machine. 1,626,064; Apr. 26.

Altorfer Bros. Company. (See Altorfer, Alpheus W., assignor.)

American Casting and Manufacturing Corporation. (See Dietze, Emil, assignor.)

American Electric Motor Company. (See Daun, C. L., and Keller, assignors.)

American Gas Machine Company. (See Hanson, Hans C., assignor.)

American Machine and Foundry Company. (See Armstrong, Harry Y., assignor.)

American Machine & Foundry Company. (See Bronander, Wilhelm B., assignor.)

American Machine & Foundry Company. (See Gwinn, George W., assignor.)

American Machine and Foundry Company. (See Schmitt, Frank R., assignor.)

American Road Machinery Company. (See Abbe, George C., assignor.)

American Telephone and Telegraph Company. (See Klein, Charles H., assignor.)

American Telephone and Telegraph Company. (See Potter, Ralph K., assignor.)

American Type Founders Company. (See Plum, Stephen H., 2d, assignor.)

Amusement Engineering Corporation of California. (See Wood, E. K., and Metzger, assignors.)

Anaconda Sales Company. (See Gillis, Julius H., assignor.)

Andersen, Johan M., assignor to Albert & J. M. Anderson Manufacturing Company, Boston, Mass. Time switch. 1,626,262; Apr. 26.

Anderson, Albert & J. M., Manufacturing Company. (See Andersen, Johan M., assignor.)

Anderson, Arvid E., Schenectady, N. Y., assignor to General Electric Company. Automatic reclosing-circuit-breaker system. 1,626,495; Apr. 26.

Anderson, Ernst G. K., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill. Rewinding reel. 1,626,376; Apr. 26.

Anderson, Harry T. (See Hansson, Soren, assignor.)

Anderson, John C. A., Wilmette, assignor to Reliance Elevator Co., Chicago, Ill. Elevator-control system. 1,626,377; Apr. 26.

Anderson, R. C. (See Fontaine, Robert A., assignor.)

Andrew, Frederick W., Andalusia, Pa., and M. Tibbetts, Detroit, Mich., assignors to Packard Motor Car Company, Detroit, Mich. Lock mechanism. 1,626,065; Apr. 26.

Anfenger, Maximilian B., assignor, by mesne assignments, to Standard Oil Company of California, San Francisco, Calif. Storage system for and storing and removing from storage a liquid. 1,626,066; Apr. 26.

Anthony, Marcus O., New York, N. Y., assignor to Continental Engineering Corporation, Omaha, Nebr. Valve-rotating mechanism. 1,626,067; Apr. 26.

Appleton Electric Co. (See Anderson, Ernst G. K., assignor.)

Archipenko, Alexander, New York, N. Y. Apparatus for displaying changeable pictures. 1,626,496; Apr. 26.

Archipenko, Alexander, New York, N. Y. Decorating changeable display apparatus. 1,626,497; Apr. 26.

Arkell Safety Bag Company. (See Goodlett, Nicholas M., assignor.)

Armitage, Joseph. (See Kearney, E. J., and Armitage.)

Armstrong, Harry Y., Syracuse, N. Y., assignor, by mesne assignments, of one-half to American Machine and Foundry Company. Wrapping machine. 1,626,378; Apr. 26.

Armstrong, Harry Y., Syracuse, N. Y., assignor, by mesne assignments, of one-half to American Machine and Foundry Company. Wrapping machine. 1,626,379; Apr. 26.

Arnold, Roy J. (See Smith, R. E., Arnold, and Gay.)

Art Metal Construction Company. (See Lombard, Homer W., assignor.)

Astoria Importing and Manufacturing Co. Inc. (See Straub, Christopher, assignor.)

Åström, Peter E., Gottenborg, Sweden. Cleaning device. 1,625,930; Apr. 26.

Atkins and Company. (See Atkins, Charles H., assignor.)

Atkins, Charles H., assignor to Atkins and Company, Inc., Palmer, Mass. Differential pressure valve. 1,625,780; Apr. 26.

Attwood, Charles E., Wollaston, Mass., assignor to Post-Index Company, Inc., Boston, Mass. Filing and indexing equipment. 1,626,442; Apr. 26.

Atwell, Harold V., assignor to Standard Oil Company, Whiting, Ind. Seal. 1,626,443; Apr. 26.

Atwood, Francis L., Anderson, Ind. Plug gauge. 1,626,176; Apr. 26.

Austin, Herbert, Bromsgrove, England. Window for motor vehicles. 1,626,129; Apr. 26.

Automatic Bottle Machine Corporation, The. (See McNish, Alexander, assignor.)

Automatic Electric Inc. (See Gardner, John E., assignor.)

Automatic Electric Inc. (See Simmons, George H., assignor.)

Automotive Valves Co., The. (See Burtnett, Everett R., assignor.)

Autopoint Company. (See Keeran, Charles R., assignor.)

Avery, U Sherman, Union Hill, and A. K. Trout, Bradley Beach, N. J., assignors to Waverly Novelty Co., Inc., New York, N. Y. Tuning peg for stringed instruments. 1,626,380; Apr. 26.

Avondoglio, Giuseppe. (See Ganio, O., Avondoglio, and Grassis.)

Ayres, Frank W., Colby, Kans. Chassis. 1,625,972; Apr. 26.

Babb, Joseph E. (See Willock, H. H., Caplan, and Babb.)

Bachman, Charles L., et al. (See Wotruba, Charles, assignor.)

Badger Tool & Mfg. Co. (See Tanguay, Arthur G., assignor.)

Bagley, James, assignor, by mesne assignments, to A. L. Preiffer, Bedford, Mass. Pile wire. 1,625,783; Apr. 26.

Bailey, Claude B., W. W. McCord, and C. Wilkins, Wyandotte, assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich. Gasket. 1,626,110; Apr. 26.

Bailey, Percy S., Marblehead, Mass., assignor to General Electric Company. Reflector. 1,626,438; Apr. 26.

Baker-Rauling Company, The. (See Remde, Edward H., assignor.)

Ball, Edmund B. (See Hurst, J. E., and Ball.)

Banika, William, Stamford, Ontario, Canada. Circuit closer. 1,625,973; Apr. 26.

Banting Manufacturing Company, The. (See Lundquist, Herman A., assignor.)

Barker, Reuben F., Portland, Oreg. Fluid-cooled rotary valve for internal-combustion engines. 1,626,111; Apr. 26.

Barksdale, Irving S., Greenville, S. C. Preparation of cucurbocitrin. 1,626,321; Apr. 26.

Barnes, Eugene L., Watertown, N. Y. Refrigerating apparatus. 1,625,878; Apr. 26.

Barnes, Walter D., Lancaster, Pa. Attachment for printing presses. 1,626,444; Apr. 26.

Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,625,974; Apr. 26.

Barth, Erich, New York, N. Y. Plumb bob. 1,626,130; Apr. 26.

Bartlett, Harold W., Alvarado, Calif. Apparatus for harvesting fruit. 1,626,068; Apr. 26.

Bass, E & J, Incorporated. (See Negbaur, Harry, assignor.)

Bates, Adelmer M., and A. Krasa, assignors to Bates Valve Bag Company, Chicago, Ill. Sewing, severing, and seam reenforcing machine. 1,625,781; Apr. 26.
Bates, Adelmer M., and J. E. Dancker, assignors to Bates Valve Bag Company, Chicago, Ill. Bag-sewing machine. 1,625,782; Apr. 26.
Bates Valve Bag Company. (See Bates, A. M., and Dancker, assignors.)
Bates Valve Bag Company. (See Bates, A. M., and Krasa, assignors.)
Batts, Walter H., Grand Rapids, Mich. Shipping box for clothing. 1,626,381; Apr. 26.
Baumgarten-Crusius, Carl A., Dresden, Germany. Obtaining a culture mixture for fertilizer production. 1,626,579; Apr. 26.
Bausch and Lomb Optical Company. (See Stevens, Frederick A., assignor.)
Baxter, Bert, assignor to Baxter & Company, Welch, W. Va. Radiator casing or cover. 1,625,931; Apr. 26.
Baxter & Company. (See Baxter, Bert, assignor.)
Bazewick, Walter F., Binghamton, N. Y. Mop wringer. 1,626,445; Apr. 26.
Beall, Frank F., et al., trustees. (See Ramage, Alexander S., assignor.)
Bean, William L., West Haven, Conn. Locomotive smoke-box and saddle construction. 1,625,784; Apr. 26.
Beauchamp, Dora F., Forest Hills, N. Y. Vehicle signal. 1,626,131; Apr. 26.
Bechtel, George M., Montclair, N. J. Contents-level indicator for containers. 1,625,976; Apr. 26.
Beech, Alexander C., Chicago, Ill., assignor to Kroehler Mfg. Co., Naperville, Ill. Reclining chair. 1,626,069; Apr. 26.
Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Underfeed stoker. 1,625,975; Apr. 26.
Belcher, J. E. (See Brown, James F., assignor.)
Bell, George F., Tulsa, Okla. Flange for bull wheels. 1,626,322; Apr. 26.
Bemis, Albert F., Newton, Mass., assignor to Bemis Industries, Inc., Boston, Mass. Building construction. 1,626,112; Apr. 26.
Bemis Industries, Inc. (See Bemis, Albert F., assignor.)
Bendick, Sidney S., New York, N. Y. Printing stencil and making same. 1,626,323; Apr. 26.
Benetti, Carlos, Barcelona, Spain. Bottle closure. 1,626,499; Apr. 26.
Benetti, Carlos, Barcelona, Spain. Crown stopper. 1,626,500; Apr. 26.
Berg, Roy L., New Ulm, Minn. Nonglare attachment for reflectors. 1,625,932; Apr. 26.
Best, Harry S., assignor to John H. Best & Sons, Galva, Ill. Display rack. 1,626,501; Apr. 26.
Best, Harry S., assignor to John H. Best & Sons, Galva, Ill. Arm. 1,626,502; Apr. 26.
Best, John H., & Sons. (See Best, Harry S., assignor.)
Bevier, Hutchinson L., Duluth, Minn. Muscle beater. 1,625,977; Apr. 26.
Bibb, Carlisle H. (See Zimmerli, W. F., and Bibb.)
Bigger, Andrew F. (See Rost, Robert W., assignor.)
Billingsley, William H., Florence, Ala. Radiator cap. 1,626,177; Apr. 26.
Bing, Julius, assignor to Magnet-Werk G. m. b. H. Eisenach Spezialfabrik für Elektromagnet-Apparate, Eisenach, Germany. Friction body for multiple-disk clutches and the like. 1,625,933; Apr. 26.
Binks, Harry D. (See Sausen, B. R. and Binks, assignors.)
Binks Spray Equipment Co. (See Sausen, B. R., and Binks, assignors.)
Bishop, Joseph W., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Machine for setting tenpins. 1,626,446; Apr. 26.
Bjorklund, Felix, Fairport Harbor, Ohio. Power operated bandsaw. 1,626,503; Apr. 26.
Blackford, Gilbert V., assignor of one-half to W. R. Hobbs, Independence, Kans. Awning for automobile doors. 1,625,785; Apr. 26.
Blackmon, Ben C., Dallas, Tex. Matrix-making machine. 1,625,786; Apr. 26.
Blair, James C., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Forming sheet glass. 1,626,382; Apr. 26.
Blakesley, George R., Janesville, Wis. Electric heating system. 1,626,221; Apr. 26.
Blatz, Peter A., Wilmington, Del. Coloring leather. 1,625,842; Apr. 26.
Bleick Syndicate. (See Ekman, Andrew, assignor.)
Bloomfield, Grover. (See Woodruff, J. C., and Bloomfield.)
Blue Valley Creamery Company. (See Cook, Joseph, assignor.)
Boedtcher, Franz A., Bergenfield, N. J. Illuminated signal for elevator installations. 1,626,383; Apr. 26.
Boehringer, C. F., & Soehne G. m. b. H. (See Rothmann, A., and Stein, assignors.)
Boge, Adolf, Solingen, Germany. Latch lock. 1,626,384; Apr. 26.
Bond, Edward, and F. W. H. Bond, Vancouver, Wash. Vacuum pump and power plant. 1,626,070; Apr. 26.
Bond, Frederick W. H. (See Bond, Edward, and F. W. H.)
Booth, William G., West Somerville, assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Box or carton. 1,626,324; Apr. 26.
Booth, William N., Detroit, Mich. Vehicle wheel. 1,625,879; Apr. 26.
Borda, Pasquale, New York, N. Y. Shoe last. 1,626,071; Apr. 26.
Borg & Beck Company, The. (See Reed, Harold V., assignor.)
Borofsky, Samuel H. (See Krafft, Bert H., assignor.)
Borschel, Alfred F. (See Mulholland, J. B., and Borschel.)
Bouwers, Albert. (See Holst, G., and Bouwers.)
Bowe, Marion R., assignor of one-half to W. D. Harris, Philadelphia, Pa. Boiler-cleaning device. 1,626,385; Apr. 26.
Bowes, Thomas D., Cynwyd, assignor of one-third to H. C. Verhey and one-third to L. C. Cope, Philadelphia, Pa. Cylinder for double-acting engines. 1,625,843; Apr. 26.
Bowman, George J., Glenburn Calif. Hay loader. 1,626,178; Apr. 26.
Bowman, George J., Glenburn, Calif. Tightener and holder for tire chains. 1,626,179; Apr. 26.
Boxboard Products Company. (See Kondolf, Mathias R., assignor.)
Brady, Sanford C., Bartlesville, Okla. Pump. 1,626,072; Apr. 26.
Brady, Sanford C., Bartlesville, Okla. Pressure-control device. 1,626,073; Apr. 26.
Bramin, Edwin F., Balboa Heights, Canal Zone, Panama. Concrete-block molding and setting machine and method of molding. 1,626,447; Apr. 26.
Brandes Laboratories, Inc. (See Brigham, Cyril A., assignor.)
Braselton, Chester H., assignor to The Tillotson Manufacturing Co., Toledo, Ohio. Carburetor. 1,625,787; Apr. 26.
Braselton, Chester H., New York, and F. B. MacLaren, Malba, N. Y., said MacLaren, assignor to said Braselton. Vibration-operated pump. 1,625,788; Apr. 26.
Braselton, Chester H., New York, and F. B. MacLaren, Malba, N. Y., said MacLaren, assignor to said Braselton. Liquid-pumping apparatus. 1,625,789; Apr. 26.
Breland, Eugene F. J., Paris, France. Controlling device for marine engines. 1,625,978; Apr. 26.
Bremer, Emil M., Glenville, Minn. Attachment for gas-engine-cooling systems. 1,626,448; Apr. 26.
Brewer-Titchener Corporation, The. (See Miller, Harold G., assignor.)
Brewster, William, New York, N. Y. Glass partition for closed automobile bodies. 1,626,074; Apr. 26.
Briggs, Clyde A., Millwood, Oreg. Saw tooth gauge. 1,626,029; Apr. 26.
Brigham, Cyril A., East Orange, N. J., assignor to Brandes Laboratories, Inc., Newark, N. J. Sound-reproducing apparatus. 1,625,844; Apr. 26.
Bright, George B., Co. (See Bright, G. B., and Cole, assignors.)
Bright, George B., and R. N. Cole, assignors to George B. Bright Co., Detroit, Mich. Ice-can carrier. 1,626,222; Apr. 26.
Brinkerhoff, Frederic H., Riverdale, N. J. Coin magazine. 1,625,979; Apr. 26.
Brinkman, Louis G., Dayton, Ohio. Game apparatus. 1,625,980; Apr. 26.
Briscoe, Benjamin, et al., trustees. (See Ramage, Alexander S., assignors.)
Broadfield, Ward H., assignor to The H. H. Miller Industries Company, Canton, Ohio. Engine. 1,625,880; Apr. 26.
Brockway, Carl P., assignor to Industrial Research Corporation, Toledo, Ohio. Two-cycle rotary plant. 1,625,790; Apr. 26.
Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Paper-feeding roll. 1,626,386; Apr. 26.
Brooke, Frank W., assignor to William Swindell and Brothers, Pittsburgh, Pa. Furnace and operating the same. 1,626,263; Apr. 26.
Brophy, John J., and W. E. Broughton, assignors to The Turner Tanning Machinery Company, Peabody, Mass. Machine for treating hides, skins, and leather. 1,625,981; Apr. 26.
Broughton, Winn E. (See Brophy, J. J., and Broughton.)
Brown, James F., assignor of one-half to J. E. Belcher, Lookout, Ky. Railway tie and rail fastener. 1,626,075; Apr. 26.
Brown, William W., Schenectady, N. Y., assignor to General Electric Company. Automatic antenna regulation. 1,626,449; Apr. 26.
Browne, Lyle W., assignor to The Fisher Governor Company, Marshalltown, Iowa. Float control device. 1,626,504; Apr. 26.
Brownlee, Henry, Port Hope, Ontario, Canada. Combined lock-nut and nut tightener. 1,625,982; Apr. 26.
Brügger, Xaver, Horgen, Switzerland. Yarn reel. 1,626,325; Apr. 26.
Brunelle, Eugene A. (See Deschenes, Adelard G., assignor.)
Brunswick-Balke-Collender Company, The. (See Bishop, Joseph W., assignor.)
Bryant, Henry E., Providence, assignor to Tubular Woven Fabric Company, Pawtucket, R. I. Spool or reel. 1,626,264; Apr. 26.
Bryant, Henry E., Providence, assignor to Tubular Woven Fabric Company, Pawtucket, R. I. Linear-measuring machine. 1,626,265; Apr. 26.
Bullock's. (See Ebell, Helen, assignor.)

Burkett, Byron C., assignor to The Burkett Lightning Rod Company, Fremont, Ohio. Lightning-rod connecter. 1,626,180; Apr. 26.
Burkett Lightning Rod Company, The. (See Burkett, Byron C., assignor.)
Burkey, Ernest R., Cleveland, Ohio. Paper-hanging device for walls. 1,626,020; Apr. 26.
Burlingham, James H., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Distilling apparatus. 1,626,223; Apr. 26.
Burnham, Edward C., and H. A. Davis, assignors to Draper Corporation, Hopedale, Mass. Filling-control mechanism for filling replenishing looms. 1,626,505; Apr. 26.
Burns, Charley E., Haynesville, La. Pump. 1,626,181; Apr. 26.
Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,626,387; Apr. 26.
Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,626,388; Apr. 26.
Burton, Harry H., New Bedford, assignor to Draper Corporation, Hopedale, Mass. Warp stop mechanism for looms. 1,626,506; Apr. 26.
Bush, A. G. (See Miller, Otis A., assignor.)
Buss Machine Works. (See Buss, W. R., and Dick, assignors.)
Buss, Otto W. L., Minneapolis, Minn. Window structure. 1,626,266; Apr. 26.
Buss, Wendell R., and M. E. Dick, assignors to Buss Machine Works, Holland, Mich. Sectional feed roller for woodworking machine. 1,625,881; Apr. 26.
Butler, Morgan R., Waukesha, Wis. Material handling equipment. 1,626,389; Apr. 26.
Byron, Jackson, Pump Company. (See Hollander, Aladar, assignor.)
Cahill, Edward F. (See Hoover, W. C., Fritz, and Cahill.)
California Card Manufacturing Company. (See Helmquest, William J., assignor.)
Callahan, Michael J., New York, N. Y. Radiator for heating and ventilating units. 1,626,390; Apr. 26.
Camden Pottery Company. (See Wright, Charles C., assignor.)
Campbell, Donald J., Muskegon Heights, Mich. Molder's pattern. 1,626,224; Apr. 26.
Campbell, Donald J., Muskegon, Mich. Molding apparatus. 1,626,225; Apr. 26.
Campbell, Francis H., Brighton, Mass. Shield attachment for automobile doors. 1,625,791; Apr. 26.
Campbell, John G., assignor to Delco-Light Company, Dayton, Ohio. Electrical apparatus. 1,626,182; Apr. 26.
Camper, James H., Huntington, W. Va. Household article. 1,626,507; Apr. 26.
Campion, Paul, Vitry-sur-Seine, France, assignor to A. B. Dick Company, Chicago, Ill. Manufacture of stencils for duplicating apparatus. 1,626,113; Apr. 26.
Candray, José S., San Francisco, Calif. Lighter-than-air craft. 1,626,183; Apr. 26.
Cannon, John W., Birmingham, Ala. Burial garment. 1,626,450; Apr. 26.
Cantor, Osias, Sea Gate, New York Harbor, N. Y. Dental forceps. 1,626,226; Apr. 26.
Cantrell, Alonzo, Salt Lake City, Utah. Merchandise-vending machine. 1,625,845; Apr. 26.
Caplan, Samuel J. (See Willock, H. H., Caplan, and Babb.)
Carborundum Company, The. (See Martin, Harry C., assignor.)
Cardwell, Allen D., Manufacturing Corporation, The. (See Cardwell, Allen D., assignor.)
Cardwell, Allen D., Rockville Center, assignor to The Allen D. Cardwell Manufacturing Corporation, New York, N. Y. Variable air condenser. 1,626,391; Apr. 26.
Carlson, Joseph C., Tulsa, Okla. Surfacing for automobile parts and the like. 1,626,508; Apr. 26.
Carrington, John W., Cincinnati, Ohio. Automobile cleaning device. 1,625,792; Apr. 26.
Carter, Herbert F., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for wrapping strand material around a core. 1,625,983; Apr. 26.
Caruso, Louis, Irvington, N. J., assignor to The Lionel Corporation. Toy electric railway. 1,626,267; Apr. 26.
Caswell, Robert G., and E. G. Marshall, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making berzanthrone. 1,626,392; Apr. 26.
Cater, William H., Chicago, Ill. Frame structure. 1,626,393; Apr. 26.
Cavett, John J., Woodlawn, Pa., assignor to The Koppers Company. Sealed valve. Re16,604; Apr. 26.
Central Brass Manufacturing Company, The. (See Eckhouse, Edgar A., assignor.)
Centrifugal Castings Limited. (See Hurst, J. E., and Ball, assignors.)
Cesario, Frank, Port Chester, N. Y. Tile construction. 1,626,021; Apr. 26.
Chamberlain, Leroy, Wichita Falls, Tex. Weight elevator for pulling machines. 1,626,114; Apr. 26.
Chambers, John E., Shelbyville, Ind. Cooking oven. 1,625,846; Apr. 26.
Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Systems of electric distribution. 1,626,451; Apr. 26.
Chance, Charles E., Annapolis, Md. Boat form. 1,626,509; Apr. 26.
Charles, Henry L. (See Jacquemin, Eugene, assignor.)
Chase, Earle M., assignor to Universal Candy and Chocolate Machinery Company, Inc., Springfield, Mass. Rotary pump. 1,626,510; Apr. 26.
Chase, Walter M., Los Angeles, Calif. Golf practice device and game. 1,626,326; Apr. 26.
Cheek, Tolbert F., assignor to Welte-Mignon Corporation, New York, N. Y. Cabinet player. 1,626,327; Apr. 26.
Cheek, Tolbert F., assignor to Welte-Mignon Corporation, New York, N. Y. Operate piano-pedal mechanisms under control of a record.. 1,626,328; Apr. 26.
Chilton, Ralph H., assignor to Industrial Research Corporation, Toledo, Ohio. Gas-engine starter. 1,625,793; Apr. 26.
Chipman, Morton R., Waterbury, Conn. Dust cap for lubricating apparatus. 1,626,268; Apr. 26.
Christensen, Niels A., Milwaukee, Wis. Compressor governor. 1,626,076; Apr. 26.
Christlein, Paul, Nuremberg, and K. Werner, Nuremberg-Elbach, Germany. Pump having rolling pistons working in nuts. 1,625,794; Apr. 26.
Clark, Edgar M., New York, N. Y., assignor to Standard Development Company. Distilling hydrocarbon material. 1,625,984; Apr. 26.
Clark, Ernest, Rio de Janeiro, Brazil. Paving block. 1,626,269; Apr. 26.
Clark, George H., Melrose, assignor to Crosby-Steam Gage & Valve Company, Boston, Mass. Pressure gauge. 1,625,985; Apr. 26.
Clark, John T., Provo, Utah. Vehicle tire. 1,626,511; Apr. 26.
Clark, John T., Provo, Utah. Pneumatic tire. 1,626,512; Apr. 26.
Clement, Edward E. (See Lowenstein, H. F., and Clement.)
Cleveland Folding Machine Company, The. (See Olson, Andrew, assignor.)
Cluett, Peabody & Co. (See Connolly, Charles M., assignor.)
Cluett, Peabody & Co. (See Cook, Orville E., assignor.)
Clyde Iron Works. (See Ramsey, Robert P., assignor.)
Coates, Frank, Cleadon, and J. Mirrey, East Boldon, assignors to A. Reyrolle & Company, Limited, Hebburn-on-Tyne, England. Oil-immersed electric switch. 1,626,513; Apr. 26.
Coatsworth, Frank E., Lincoln, Nebr. Incubator tray. 1,626,394; Apr. 26.
Cobb, Charles H., Newton, assignor, by mesne assignments, to Service Bureau, Inc., Cambridge, Mass. Index card. 1,625,934; Apr. 26.
Coder, Joseph and L., St.-Marcel-les-Marseille, France. Coupling means between motor tractors and their trailers. 1,626,184; Apr. 26.
Coder, Joseph and L., St.-Marcel-les-Marseille, France. Tractor trailer of the type carried on two wheels. 1,626,185; Apr. 26.
Coder, Louis. (See Coder, Joseph and L.)
Cole, Ralph N. (See Bright, G. B., and Cole.)
Colladay, Edward F. (See Lowenstein, H. F., and Clement, assignors.)
Colone, James, Collinsville, Ill. Curtain bracket. 1,626,186; Apr. 26.
Columbus Heating and Ventilating Company, The. (See Wolfe, Jay A., assignor.)
Commercial Solvents Corporation. (See Woodruff, J. C., and Bloomfield, assignors.)
Comstock-Castle Stove Company. (See Spake, Richard W., assignor.)
Connolly, Charles M., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Collar-display device. 1,626,514; Apr. 26.
Consortium für Elektrochemische Industrie. (See Herrmann, W. O., and Deutsch, assignors.)
Continental Engineering Corporation. (See Anthony, Marcus Q., assignor.)
Converse, Charles D., Los Angeles, Calif. Conduit switch box. 1,625,882; Apr. 26.
Converse Rubber Shoe Co. (See Thomas, George C., assignor.)
Cook, Joseph, assignor to Blue Valley Creamery Company, Chicago, Ill. Can steamer. 1,626,452; Apr. 26.
Cook, Orville E., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Temperature control for folding machines, etc. 1,626,515; Apr. 26.
Cooper, Abraham, Brooklyn, N. Y. Electric-lighting fixture. Des. 72,510; Apr. 26.
Cope, L. C., et al. (See Bowes, Thomas D., assignor.)
Coquille, Emile H., Paris, France, assignor to Rudge-Whitworth Limited, Coventry, Warwick, England. Spoked metal wheel for motor vehicles and the like. 1,625,986; Apr. 26.
Corbett, James C., Rochester, N. Y. Machine for washing, rinsing, and drying dishes. 1,626,022; Apr. 26.
Cortese, Sam, Dunsmuir, Calif. Thread cutter for sewing machines. 1,626,329; Apr. 26.
Coryell, Charles N., Mamaroneck, N. Y. Vanity case. 1,626,023; Apr. 26.
Cossins, Arthur, Nettlestead, near Maidstone, England. Display stand. 1,626,330; Apr. 26.

Cox, Floyd, assignor of one-fifth to E. W. Swan, Sheridan, Wyo. Pipe wrench. 1,626,453; Apr. 26.
Cox, Irwin W., Denver, Colo. Dry-steam sleeve-finishing board. 1,625,935; Apr. 26.
Cramer, Bessie E., Garnett, Kans. Can washer and steamer. 1,626,516; Apr. 26.
Crane, Pearl M., Kansas City, Mo. Pantaloon dress. 1,626,024; Apr. 26.
Craun, Noel E., Bogota, N. J. Power-transmission device. 1,626,270; Apr. 26.
Crawford, Frederick C., Detroit, Mich., assignor to The Steel Products Company, Cleveland, Ohio. Making a drag-link element. 1,625,795; Apr. 26.
Cresmer, John H., Riverside, Calif. Automobile steering knee control. 1,626,331; Apr. 26.
Crittall, Richard G. and J. L. Musgrave, London, England. Heating and cooling of buildings. 1,625,987; Apr. 26.
Crosby Steam Gage & Valve Company. (See Clark, George H., assignor.)
Crowell, Erd V., Los Angeles, Calif. Gas-energy-control head for oil wells. 1,625,883; Apr. 26.
Crowley, Joseph P., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Drawing sheet glass. 1,626,395; Apr. 26.
Crumley, Le Roy A., assignor to H. M. Feltenstein, New York, N. Y., doing business as M. Eisenberg & Son. Hanging lantern. Des. 72,511; Apr. 26.
Curry, Charles D., Henryetta, Okla. Rail tie. 1,626,517; Apr. 26.
Dahlberg & Company. (See Munroe, Treadway B., assignor.)
Dake, Charles W., and R. S. Levis, assignors to The Pyle-National Company, Chicago, Ill. Glass-polishing machine. 1,626,025; Apr. 26.
Dake, Charles W., and R. S. Levis, assignors to The Pyle-National Company, Chicago, Ill. Glass-polishing machine. 1,626,026; Apr. 26.
Dancker, Johann E. (See Bates, A. M., and Dancker.)
Daniels, Dwight C., Worcester, Mass. Card index 1,626,027; Apr. 26.
Daun, Carl L., and P. E. Keller, assignors to American Electric Motor Company, Milwaukee, Wis. Removable stator for electric motors. 1,626,028; Apr. 26.
Davidson, William B., A. C. Michie, and E. W. Muddiman, Newcastle-on-Tyne, England. Distillation of tar and the like. 1,626,588; Apr. 26.
Davis, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,626,132; Apr. 26.
Davis, Harry A. (See Burnham, E. C., and Davis.)
Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Let-off mechanism for looms. 1,626,573; Apr. 26.
Davis, Reginald M., London, England. Smoker's ash tray and like receptacle. 1,625,884; Apr. 26.
Davis, Victor L. (See Olin, J. M., Davis, and Smith.)
Davis, Walter T., assignor to Wheeling Stamping Company, Wheeling, W. Va. Thread cutter for tube-working machines. 1,626,271; Apr. 26.
Day, James C., Maplewood, N. J., assignor to The Whitehead & Hoag Company, Newark, N. J. Badge. 1,626,133; Apr. 26.
Decker, William W., jr., Chicago, Ill. Culinary vessel. 1,625,847; Apr. 26.
Deere & Company. (See Strandlund, Carl G., assignor.)
Deibel, Cyril P., and W. G. Waitt, Lakewood, assignors to The Twin Dry Cell Battery Company, Cleveland, Ohio. Battery unit and producing the same. 1,625,848; Apr. 26.
Delage, Phileas. (See Roy, Joseph W., assignor.)
Delco-Light Company. (See Campbell, John G., assignor.)
Delco-Light Company. (See Starr, Frank F., assignor.)
De Leeuw, Adolph L., Plainfield, N. J., assignor to The Goss and De Leeuw Machine Company, New Britain, Conn. Threading mechanism. 1,626,187; Apr. 26.
Denison, Frederick S., assignor to Minneapolis Heat Regulator Company, Minneapolis, Minn. Ignition-controlling means. 1,625,796; Apr. 26.
De Ram, Georges H. E., Boulogne-sur-Seine, France. Suspension of automobiles and other vehicles. 1,626,188; Apr. 26.
Deschenes, Adelard G., Lisbon, Me., assignor of one-half to E. A. Brunelle, Somersworth, N. H. Machine for frying peanuts and the like. 1,625,797; Apr. 26.
Desmond, James J., South Norwalk, Conn. Hat. 1,626,272; Apr. 26.
Detroit Stoker Company. (See Beers, Royce L., assignor.)
Deutsch, Hans. (See Herrmann, W. O., and Deutsch.)
Devigny, Michel, Paris, France. Manufacture of cut matrices adapted for the production of photographic surfaces comprising refracting elements. 1,626,134; Apr. 26.
Dice, Andrew F., assignor of one-third to G. Dice and one-third to M. Dice, Joliet, Ill. Fishing device. 1,625,988; Apr. 26.
Dice, George, et al. (See Dice, Andrew F., assignor.)
Dice, Minnie, et al. (See Dice, Andrew F., assignor.)
Dick, A. B. Company. (See Campion, Paul, assignor.)
Dick, M. Everett. (See Buss, W. R., and Dick.)
Dictaphone Corporation. (See Woodbridge, Charles K., assignor.)
Dietze, Emil, New York, assignor to American Casting and Manufacturing Corporation, Brooklyn, N. Y. Self-locking seal. 1,626,273; Apr. 26.
Dixon, John W., Maywood, Ill. Machine for making metal binding strips. 1,626,227; Apr. 26.
Doering, Charles J. (See Doering, William W. and C. J.)
Doering, William M. and C. J., Cincinnati, Ohio, Advertising device and reflector therefor. 1,625,798; Apr. 26.
Dornier, Claudius, assignor of one-half to Dornier-Metallbauten Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Landing chassis for flying machines. 1,626,332; Apr. 26.
Dornier-Metallbauten Gesellschaft mit beschränkter Haftung. (See Dornier, Claudius, assignor.)
Douglass, Neale, Brooklyn, N. Y. Chain wrench. 1,626,518; Apr. 26.
Drake, John L., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Sheet-glass-drawing apparatus. 1,626,396; Apr. 26.
Draper Corporation. (See Burnham, E. C., and Davis, assignors.)
Draper Corporation. (See Burton, Harry H., assignor.)
Draper Corporation. (See Davis, Harry A., assignor.)
Draper Corporation. (See Hollins, Denis M., assignor.)
Draper Corporation. (See Mathis, Frederick W., assignor.)
Dreaper, William P., London, England. Manufacture of artificial silk and the like from viscose solutions. 1,626,454; Apr. 26.
Drevenstedt, Amy, assignor to John Wanamaker New York, New York, N. Y. Box cover paper or similar article. Des. 72,512; Apr. 26.
Drew, Herbert H., assignor to Watertown Tableslide Co., Watertown, Wis. Table slide. 1,626,189; Apr. 26.
Dryden Rubber Company. (See Kintzele, Julius H., assignor.)
Duffie, Allen M., assignor to W. H. Robinson, Buffalo, N. Y. Electric heater. 1,625,989; Apr. 26.
Duffy, Patrick J., Holyoke, Mass. Pliers. 1,626,274; Apr. 26.
Dugan, Hugh G., Hinsdale, Ill. Clothes-washing apparatus. 1,626,397; Apr. 26.
Dunlop, William F., New York, N. Y. Dental chuck. 1,626,519; Apr. 26.
Du Paul, George H., Southbridge, Mass., assignor to Shur-On Standard Optical Company, Inc., Geneva, N. Y. Ophthalmic mounting. 1,625,885; Apr. 26.
Du Pont, E. I., de Nemours & Company. (See Caswell, R. G., and Marshall, assignors.)
Du Pont, E. I., de Nemours & Company. (See Essex, H., and Ward, assignors.)
Durand, Paul, Paris, France. Automatic weighing machine. 1,625,799; Apr. 26.
Durkee, Eugene W. (See Alexanderson, Charles A., assignor.)
Dyke, Herbert J., St. Lambert, Quebec, Canada. Railway switch. 1,626,520; Apr. 26.
Eastman, James H., Detroit, Mich. Spark-gap device. 1,626,030; Apr. 26.
Ebell, Helen, assignor to Bullock's, Los Angeles, Calif. Wrapping paper. Des. 72,513; Apr. 26.
Ecco Manufacturing Company. (See Nelson, John H., assignor.)
Eckhouse, Edgar A., Cleveland, Ohio., assignor to The Central Brass Manufacturing Company, Cleveland, Ohio. Bibcock or faucet. 1,626,031; Apr. 26.
Eckstein, George H., Los Angeles, Calif. Toy piano. 1,626,275; Apr. 26.
Eclipse Air Brush Company. (See Reichenbach, Carl L., assignor.)
Edwards, William S., Lockland, Ohio. Gasket-seating machine. 1,625,800; Apr. 26.
Egersdörfer, Fritz, Charlottenburg, Germany. Rotary pump. 1,626,115; Apr. 26.
Egley, Bertram. (See Adams, John B., assignor.)
Egloff, Frank S., Riverside, Ill., assignor, by mesne assignments, to The Phoenix Burner Corporation. Air control for oil burners. 1,626,228; Apr. 26.
Egry Register Company, The. (See Jackson, Philip A., assignor.)
Eisenberg, M., & Son. (See Crumley, Le Roy A.)
Ekman, Andrew, Grand Rapids, Mich., assignor to Bleick Syndicate. Packing. 1,625,801; Apr. 26.
Electrical Improvement Limited. (See Gregory, Richard W., assignor.)
Elliot, William S., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Handle-bending machine. 1,626,190; Apr. 26.
Elliott-Fisher Company. (See Foothorap, Harry A., assignor.)
Elters, William S., assignor to The Gem City Sheet Metal Co., Dayton, Ohio. Hood for registers. Des. 72,514; Apr. 26.
Emerson-Brantingham Manufacturing Company. (See Traphagen, Harry R., assignor.)
Engbrecht, Herman J., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Suction-operated liquid-displacing apparatus. 1,626,455; Apr. 26.
Erickson, Erick G., Alexandria, Minn. Oarlock. 1,626,191; Apr. 26.
Eriksen, Emil M., Oslo, Norway. Ski tie. 1,626,521; Apr. 26.
Essex, Harry, Syracuse, N. Y., and A. L. Ward, Upper Darby, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making polyhydroxy carbon compounds. 1,626,398; Apr. 26.

Ever Hot Heater Company. (See Shuell, Frank W., assignor.)
Fain, Frank E., and R. W. Spriggs, Oklahoma City, Okla. Fishing-rod appliance. 1,626,333; Apr. 26.
Fairbanks, Ernest H., Merchantville, N. J. Lubricating system. 1,626,456; Apr. 26.
Fairchild, Sherman M., Oneonta, N. Y. Photographic shutter. 1,626,032; Apr. 26.
Falk, Morris, assignor to Independent Lock Company, Fitchburg, Mass. Key chain. 1,626,334; Apr. 26.
Fankhauser, Charles W., Great Bend, Kans. Coupling for closets. 1,626,135; Apr. 26.
Farber-Kraysler & Bro. (See Kraysler, Irving, assignor.)
Farnham, James P., New York, N. Y. Scavenging, fuel-humidifying, and volatilising process and apparatus for internal-combustion engines. 1,626,335; Apr. 26.
Feltenstein, Harry M. (See Crumley, Le Roy A., assignor.)
Felton, Jack A., Los Angeles, Calif. Steering attachment for vehicles. 1,625,886; Apr. 26.
Ferry, Cora. (See Ferry, Elmer and C.)
Ferry, Elmer and C., Buffalo, N. Y. Combination brake and jack mechanism for automobiles. 1,625,936; Apr. 26.
Fibroc Insulation Company. (See Frederick, Louis T., assignor.)
Finizio, Thomas D., Yorktown Heights, N. Y. Attaching plug. 1,626,580; Apr. 26.
Fisher, Charles, New York, N. Y. Rack for boots and shoes. 1,626,399; Apr. 26.
Fisher Governor Company, The. (See Browne, Lyle W., assignor.)
Fisher, Stanley L., Chester, assignor to Pratt Read Player Action Company, Deep River, Conn. Pneumatic-control device. 1,626,192; Apr. 26.
Fitz-Gerald, Edward T., Newark, N. J. Pipe. 1,625,849; Apr. 26.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Combined salt and pepper shaker. Des. 72,515; Apr. 26.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Combined salt and pepper shaker. Des. 72,516; Apr. 26.
Flint & Walling Mfg. Co. (See Macomber, Herbert H., assignor.)
Foner, Newton F., Pittsburgh, Pa. Engine. 1,626,457; Apr. 26.
Fontaine, Robert A., Martinsville, Va., assignor to R. C. Anderson, Montreat, N. C. Transmission mechanism. 1,626,229; Apr. 26.
Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company, New York, N. Y. Toll-slip platen. 1,625,802; Apr. 26.
Forbes Lithograph Manufacturing Company. (See Booth, William G., assignor.)
Fort Wayne Engineering and Manufacturing Co. (See Tannehill, Vernon L., assignor.)
Fowler, John S., San Mateo, assignor to Pacific Foundry Company, San Francisco, Calif. Dry-pan crusher. 1,626,887; Apr. 26.
Francke, William J., assignor, by mesne assignments, to John Waldron Corporation, New Brunswick, N. J. Flexible coupling. 1,626,458; Apr. 26.
Frank, John M., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Unit for heating and ventilating systems. 1,626,400; Apr. 26.
Franklin, Simon & Co. (See Siegel, Maude, assignor.)
Frantz, Charles T., assignor to Recording Thermometer Company, Los Angeles, Calif. Printing machine. 1,626,401; Apr. 26.
Frederick, Louis T., assignor to Fibroc Insulation Company, Valparaiso, Ind. Composite gear and making same. 1,626,230; Apr. 26.
Fredrikson, Walter O., et al., trustees. (See McArthur, Robert C., assignor.)
Freeman, John R. (See Krivoshein, Gregory G., assignor.)
Freiberg, Stanley B., Cincinnati, Ohio. Color printing. 1,626,522; Apr. 26.
Frengle, Frederick, Cotati, and F. D. Rohan, Petaluma, assignors to Pride of Petaluma Brooder Stove Company, Petaluma, Calif. Chicken hover. 1,626,251; Apr. 26.
Fritz, Roy D. (See Hoover, W. C., Fritz, and Cahill.)
Frulla, Pacifico, Memphis, Tenn. Railroad gate. 1,625,937; Apr. 26.
Fryman, Nancy, Indianapolis, Ind. Fruit picker. 1,626,402; Apr. 26.
Fürst, Carl, Bedford, Ind. Bush-hammering machine. 1,626,033; Apr. 26.
G. & G. Atlas Systems, Inc. (See Stoetzel, Joseph J., assignor.)
Gagarin, Andrew A., assignor to Gear Grinding Machine Company, Detroit, Mich. Trimming device. 1,626,232; Apr. 26.
Gage, Charles H., Washington, D. C. Safety device. 1,626,077; Apr. 26.
Gallon Metallic Vault Company, The. (See Smith, R. E., Arnold, and Gay, assignors.)
Ganio, Ottavio, G. Avondoglio, and O. Grassis, New York, N. Y. Artificial-flower-curling machine. 1,626,523; Apr. 26.
Gardner, John E., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,626,034; Apr. 26.

Garrett, Henry, Dallas, Tex. Traffic signal. 1,625,990; Apr. 26.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock-drilling device. 1,626,277; Apr. 26.
Gatke, Thomas L., Oak Park, Ill. Friction lining and forming same. 1,626,403; Apr. 26.
Gaunt, Floyd, M. B. Reynolds, and R. C. Hughes, assignors to Reynolds Gas Regulator Co., Anderson, Ind. Gas Regulator. 1,626,581; Apr. 26.
Gay, John C. (See Smith, R. E., Arnold, and Gay.)
Gayle, Norman W., Beech Grove, assignor to C. N. Van Cleave, Indianapolis, Ind. Coin-controlled lock. 1,626,193; Apr. 26.
Gear Grinding Machine Company. (See Gagarin, Andrew A., assignor.)
Gear Grinding Company, The. (See Snarry, John W., assignor.)
Gedien, Paul, Cologne-Braunsfeld, and K. Schwade, Cologne-Lindenthal, Germany. Cutting-off device particularly for tubes. 1,625,850; Apr. 26.
Gedien, Paul, Cologne-Brunsfeld, and K. Schwade, Cologne-Lindenthal, Germany. Device for the electrical welding of seamed tubes. 1,626,524; Apr. 26.
Geer, William C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Golf ball and making the same. 1,626,459; Apr. 26.
Gem City Sheet Metal Co. (See Elters, William S., assignor.)
General Electric Company. (See Anderson, Arvid E., assignor.)
General Electric Company. (See Bailey, Percy S., assignor.)
General Electric Company. (See Brown, William W., assignor.)
General Electric Company. (See Champlin, Franklin J., assignor.)
General Electric Company. (See Goff, Robert W., assignor.)
General Electric Company. (See Hall, Chester I., assignor.)
General Electric Company. (See Jones, Benjamin W., assignor.)
General Electric Company. (See Leddick, George S., assignor.)
General Electric Company. (See Libby, Sam H., assignor.)
General Electric Company. (See Mole, Peter, jr., assignor.)
General Electric Company. (See Perkins, Lucius J., assignor.)
General Electric Company. (See Seede, John A., assignor.)
General Electric Company. (See Unger, Magnus, assignor.)
Genoese, John, San Francisco, Calif. Safety paper. 1,626,078; Apr. 26.
George, David, Lyadal, Westcross, Wales. Packing of goods. 1,626,525; Apr. 26.
Gerrard, Alec J., and P. Wright, Chicago, Ill.; said Wright assignor to said Gerrard. Wire-twisting machine 1,626,404; Apr. 26.
Getchell, Benjamin E., assigaor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Multiple-circuit switch. 1,626,233; Apr. 26.
Gifford, Harrison H., Montreal, Quebec, assignor to Holden Company Limited, Montreal, Canada. Rail anchor. 1,625,938; Apr. 26.
Gifford, Harrison H., assignor to Holden Company Limited, Montreal, Quebec, Canada. Rail anchor. 1,625,939; Apr. 26.
Gillen, George A., Jersey City, N. J., assignor to Gillen, Kimmey, Baker Syndicate Inc., Elmhurst, N. Y. Condenser. 1,626,526; Apr. 26.
Gillen, Kimmey, Baker Syndicate Inc. (See Gillen, George A., assignor.)
Gillette Rubber Co. (See Hutchens, H. O., and Kessler, assignors.)
Gillis, Julius H., Elizabeth, N. J., assignor, by mesne assignments, to Anaconda Sales Company. Roofing element and making the same. 1,625,888; Apr. 26.
Glasner, Rudolph W., and O. G. Nilson, assignors to Marquette Tool & Manufacturing Company, Chicago, Ill. Blank-holding means. 1,625,991; Apr. 26.
Godley, Charles E., Detroit, Mich., assignor, by mesne assignments, to C. M. Hall Lamp Company. Lamp-door fastening. 1,626,405; Apr. 26.
Godley, Charles E., Detroit, Mich., assignor, by mesne assignments, to C. M. Hall Lamp Company. Fluted lamp lens. 1,626,406; Apr. 26.
Godley, Charles E., Detroit, Mich., assignor, by mesne assignments, to C. M. Hall Lamp Company. Focusing device. 1,626,407; Apr. 26.
Godsey, H. Mitchell, Shreveport, La., assignor to Godsey-Murphy Company, Inc. Gas burner. 1,625,992; Apr. 26.
Godsey-Murphy Company. (See Godsey, H. Mitchell, assignor.)
Goeller, Vernon R., Boonton, N. J. Tire spreader. 1,626,460; Apr. 26.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Push-button switch. 1,626,461; Apr. 26.
Gold, Egbert H., Chicago, Ill. Car-heating system. 1,626,234; Apr. 26.

Goldman, Abraham W., Los Angeles, Calif. Window sash and screen. 1,626,336; Apr. 26.
Goodlett, M. Nicholas, assignor to Arkell Safety Bag Company, New York, N. Y. Process and mechanism for making crinkled paper. 1,626,527; Apr. 26.
Goodman, Harry S., Chicago, Ill. Savings bank. 1,626,408; Apr. 26.
Goodman, Joseph, Whitneyville, assignor to The Mt. Carmel Mfg. Co., Mount Carmel, Conn. Making door handles. 1,626,278; Apr. 26.
Goodman Manufacturing Company. (See Davis, Charles E., assignor.)
Goodman Manufacturing Company. (See Vodoz, Frederick W., assignor.)
Goodrich, B. F., Company. (See Geer, William C., assignor.)
Goodrich, B. F., Company. (See Hoover, W. C., Fritz, and Cahill, assignors.)
Goodrich, B. F., Company, The. (See James, James V., assignor.)
Goodrich, B. F., Company, The. (See L'Hollier, Leslie H., assignor.)
Goodrich, B. F., Company, The. (See Mell, Tod J., assignor.)
Gorton, Walter T., U. S. Army, Springfield, Mass. Machine gun. 1,625,993; Apr. 26.
Gorton, Walter T., U. S. Army, Springfield, Mass. Machine gun. 1,625,994; Apr. 26.
Goss and De Leeuw Machine Company, The. (See De Leeuw, Adolph L., assignor.)
Gotham Silk Hosiery Company. (See Wagner, Alfred, assignor.)
Gougnard, Henri C. L., assignor to Societe Belge Des Produits Rationnels, Ahin-Lez-Huy, Belgium. Suppository and insertion of the same. 1,626,079; Apr. 26.
Graham, Alfred, et al., executor. (See Graham, Edward A.)
Graham, Edward A., Brockley, England, deceased, M. Graham and A. Graham, executrix and executor. Telephone receiver. 1,625,995; Apr. 26.
Graham, George, and A. C. Helmus, Douglaston, N. Y. Fabric-roll holder. 1,626,080; Apr. 26.
Graham, Maria, et al., executrix. (See Graham, Edward A.)
Grasselli Chemical Company, The. (See Howard, Henry, assignor.)
Grasselli Dyestuff Corporation. (See Schmidt, Maximilian P., assignor.)
Grassis, Onorato. (See Ganio, O., Avondoglio, and Grassis.)
Gray, W. D. (See Sulfins, H. J., and Mustain, assignors.)
Gregory, Richard W., Hexham-on-Tyne, assignor to Electrical Improvements Limited, Newcastle-upon-Tyne, England. Electric circuit breaker. 1,626,528; Apr. 26.
Griscom Russell Company, The. (See Pabodie, Robert J., assignor.)
Grondahl, Lars O., Pittsburgh, and H. M. Ryder, Forest Hills Borough, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical apparatus. 1,625,996; Apr. 26.
Grönkwist, Oscar R., Stockholm, Sweden. Method of and apparatus for automizing liquid fuel. 1,625,997; Apr. 26.
Gustavus J. Esselen, jr., Swampscott, Mass. Protecting covering for rubber sheets. 1,626,276; Apr. 26.
Gustin, Daniel S., Newark, N. J., assignor to Westinghouse Lamp Company. Applying a getter to vacuum devices. 1,626,235; Apr. 26.
Gwinn, George W., Hewlett, N. Y., assignor to American Machine & Foundry Company. Paper-feed mechanism. 1,626,409; Apr. 26.
Haas, Edward A., Los Angeles, Calif., and M. Posey, Sand Springs, Okla. Water cooler and refrigerating apparatus. 1,625,803; Apr. 26.
Hadrich, George, Detroit, Mich. Spark plug. 1,626,081; Apr. 26.
Haenicke, Arthur, Berlin-Tempelhof, Germany. Attaching buttons to cards. 1,626,337; Apr. 26.
Hahn, Eugene, et al. (See Wotruba, Charles, assignor.)
Halferty, William R., Ollie, Iowa. Railway tie. 1,626,082; Apr. 26.
Hall, Chester I., Fort Wayne, Ind., assignor to General Electric Company. Electric cut-out. 1,626,462; Apr. 26.
Hall, C. M., Lamp Company. (See Godley, Charles E., assignor.)
Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Transferring device for cigar machines. 1,626,410; Apr. 26.
Hänel, Max, Schlettau, Germany. Ball-securing means. 1,626,529; Apr. 26.
Hanson, Hans C., assignor to American Gas Machine Company, Albert Lea, Minn. Oven for camp stoves. 1,626,035; Apr. 26.
Hansson, Soren, assignor of one-half to H. T. Anderson, Butler, Pa. Making truck lever connections. 1,625,804; Apr. 26.
Hansson, Soren, assignor of one-half to H. T. Anderson, Butler, Pa. Truck lever connection. 1,625,805; Apr. 26.
Hardinge Brothers, Inc. (See Hardinge, Franklin, assignor.)
Hardinge, Franklin, assignor to Hardinge Brothers, Inc., Chicago, Ill. Oil burner. 1,626,116; Apr. 26.
Harnischfeger Corporation. (See Huber, Johannes S., assignor.)
Harnischfeger Corporation. (See Ljungkull, Rolf, assignor.)
Harrington, Jesse F., Memphis, Tenn. Switch. 1,626,463; Apr. 26.
Harris, Henry E., Portland, Oreg. Brine-unit-type refrigerating machine. 1,626,083; Apr. 26.
Harris, Henry E., Portland, Oreg. Cooling box. 1,626,084; Apr. 26.
Harris, Jason E., Howard, Kans. Intake valve. 1,626,279; Apr. 26.
Harris, Raymond J., Houston, Tex. Flytrap. 1,626,530; Apr. 26.
Harris, Raymond J., Houston, Tex. Insect trap. 1,626,531; Apr. 26.
Harris, William D., (See Bowe, Marion R., assignor.)
Hart, Henry R., Montclair, N. J. Flying suit. 1,626,136; Apr. 26.
Hartford-Empire Company. (See Peiler, Karl E., assignor.)
Hartford-Empire Company. (See Willetts, Paul G., assignor.)
Hartsell Motor Company. (See Hutsell, Thomas A., assignor.)
Haskell, Charles O., Hollywood, Calif. Elevating fluids. 1,626,236; Apr. 26.
Hathaway, Charles T., Duluth, Minn. Frolic button. Des. 72,517; Apr. 26.
Heartfield, Henry, Brea, Calif. Renovating and reblocking hat brims. 1,625,869; Apr. 26.
Hegarty, Daniel A., assignor to Mystic Washer Company, Houston, Tex. Spray head for boiler-washing machines. 1,625,851; Apr. 26.
Hehemann, Frederick H., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Valve. 1,626,532; Apr. 26.
Heimgartner, Charles, and O. Stierli, Jersey City, N. J. Collar-button guard. 1,626,137; Apr. 26.
Heina Radio Corporation. (See Heina, William M., assignor.)
Heina, William M., Bronx, N. Y., assignor to Heina Radio Corporation. Portable radio apparatus. 1,626,464; Apr. 26.
Helmquest, William J., assignor to California Card Manufacturing Company, San Francisco, Calif. Picture mounting. Des. 72,518; Apr. 26.
Helmus, Adolph C. (See Graham, G., and Helmus.)
Henderson, Nelson H., assignor to Syracuse Industrial Gas Co., Syracuse, N. Y. Dishwashing machine. 1,626,194; Apr. 26.
Henriot, Louis, Paris, France. Carburetor. 1,626,085; Apr. 26.
Henry, George J. (See Wassel, Albert, assignor.)
Hercules Powder Company. (See Speicher, John K., assignor.)
Hergershausen, Katharina, Berlin, assignor to the Firm Mittelland Gummiwerke Aktiengesellschaft, Hanover-Linden, Germany. Figure of animate objects. 1,626,533; Apr. 26.
Herrmann, Willy O., and H. Deutsch, assignors to Consortium für Elecktrochemische Industrie, Munich, Germany. Manufacture of linoxin like substances. 1,625,852; Apr. 26.
Herzmark, Nicolas, Paris, France. Starting internal-combustion engines. 1,625,940; Apr. 26.
Heublein, Wilhelm O., Frankfort-on-the-Main, Germany. Ampulla composed of several compartments adapted for the purpose of radiotherapeutics. 1,626,338; Apr. 26.
Heyl, George E., Westminster, London, England. Cement and lime burning. 1,625,853; Apr. 26.
Higgins, John S., jr., Chicago, Ill. 1,626,036; Apr. 26.
Hilfman, Harry. (See Villaret, Gustave E., assignor.)
Hiller, William A., Manor, Tex. Flexible coupling. 1,626,195; Apr. 26.
Hills, Burton U., Chicago, Ill. Timer. 1,625,806; Apr. 26.
Hindahl, David, assignor to Rodger Ballast Car Company, Chicago, Ill. Dump-car construction. 1,625,998; Apr. 26.
Hirdler, Harold. (See Robertson, H., and Hirdler.)
Hobbs, Clarence. (See Hobbs, Frank D., and C.)
Hobbs, Frank D., and C., Los Angeles, Calif. Roller screen. 1,626,086; Apr. 26.
Hobbs, William R. (See Blackford, Gilbert V., assignor.)
Hodgkinson, Francis, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Turbine gland. 1,626,237; Apr. 26.
Hoefoed, Hauberg, Marstrand & Helweg Aktieselskabet Titan. (See Thomsen, Thomas C., assignor.)
Hoffenberg, Maurice J., New York, N. Y. Window-sash starter. 1,625,941; Apr. 26.
Hoffner, Frank, Nanticoke, Pa. Gasoline engine. 1,626,196; Apr. 26.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Escapement mechanism for typewriters. 1,625,890; Apr. 26.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Removable platen support. 1,625,891; Apr. 26.
Holden Company Limited. (See Gifford, Harrison H., assignor.)
Hollander, Aladar, assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif. Vertical-shaft floating pump. 1,625,892; Apr. 26.
Hollander, Aladar, assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif. Vertical pump mechanism. 1,625,893; Apr. 26.

Hollins, Denis M., Blackburn, England, assignor to Draper Corporation, Hopedale, Mass. Bobbin battery for automatic weft-replenishing looms. 1,625,942; Apr. 26.
Holmström, Johan G. (See Malmberg, C. J. G., and Holmstrom.)
Holst, Gilles, and A. Bouwers, assignors to Naamlooze Vennootschap Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray tube. 1,626,465; Apr. 26.
Holt, Frank, assignor to Stromberg Motor Devices Company, Chicago, Ill. Die for making carburetor frames. 1,625,854; Apr. 26.
Holt, Norris B., St. Louis, Mo. Display device. 1,626,037; Apr. 26.
Hooker Electrochemical Company. (See Rowland, Jasper M., assignor.)
Hoover Company, The. (See Oswald, Earl P., assignor.)
Hoover, William C., R. D. Fritz, and E. F. Cahill, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Grinding and separating apparatus. 1,626,466; Apr. 26.
Howard, Albert H., Bay Roberts, Newfoundland, assignor to The Western Union Telegraph Company, New York, N. Y. Regenerative rotary repeater. 1,626,534; Apr. 26.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Manufacture of ammonium nitrate. 1,625,807; Apr. 26.
Howarth, Stanley W., Stockport, England. Extracting dust from and settling fur, hair, and the like material. 1,626,339; Apr. 26.
Howith, George D., Ottawa, Ontario, Canada. Convertible vehicle seat. 1,626,340; Apr. 26.
Huber, Johannes S., assignor to Harnischfeger Corporation, Milwaukee, Wis. Power shovel. 1,625,855; Apr. 26.
Hughes, Ralph C. (See Gaunt, F., Reynolds, and Hughes.)
Hughes, William G., Downey, Calif. Chain pipe wrench. 1,626,238; Apr. 26.
Hultquist, Charles A., Los Angeles, Calif. Fluid-operated percussive tool. 1,626,087; Apr. 26.
Hunt, John O., Brooklyn, assignor to Independent Paper Mills Inc., Brooklyn, N. Y. Paper folding, cutting, and delivering machine. 1,626,341; Apr. 26.
Hurst, James E., and E. B. Ball, assignors to Centrifugal Castings Limited, Kilmarnock, Scotland. Metal-pouring apparatus for centrifugal casting machines. 1,626,342; Apr. 26.
Hush, Ralph, Johannesburg, Transvaal, South Africa. Machine for breaking ore and other minerals. 1,626,535; Apr. 26.
Hutchens, Howard O., and C. A. Kessler, assignors to Gillette Rubber Co., Eau Claire, Wis. Flexible gasket for tire molds. 1,625,894; Apr. 26.
Hutsell, Thomas A., assignor to Hutsell Motor Company, Spokane, Wash. Piston. 1,625,943; Apr. 26.
Hutton, Earl S., Detroit, Mich. Locking mechanism. 1,626,197; Apr. 26.
Hyde, John, Albion Township, Rene County, Kans. Luggage carrier. 1,625,808; Apr. 26.
Ilg Electric Ventilating Company. (See Frank, John M., assignor.)
Independent Lock Company. (See Falk, Morris, assignor.)
Independent Paper Mills Inc. (See Hunt, John O., assignor.)
Industrial Research Corporation. (See Brockway, Carl P., assignor.)
Industrial Research Corporation. (See Chilton, Ralph H., assignor.)
Industrial Research Corporation. (See Manchester, Clyde C., assignor.)
International Cigar Machinery Company. (See Halstead, John F., assignor.)
International Nickel Company, The. (See Merica, P. D. and Vanick, assignors.)
International Precipitation Company. (See Jakosky, John J., assignor.)
Inventors' Trading Company. (See Ratcliff, William D., assignor.)
Ireland, Ward S., assignor to Lipman Refrigeration Company, Beloit, Wis. Alloy. 1,626,038; Apr. 26.
Irish, Mary S., Los Angeles, Calif. Domestic cooking vessel. 1,625,999; Apr. 26.
Jabouley & Co. (See Jabouley, Joanny B., assignor.)
Jabouley, Joanny B., assignor to Jabouley & Co., (firm) Lyon, France. Loom for weaving. 1,626,411; Apr. 26.
Jackson, Philip A., Atlanta, Ga., assignor to The Egry Register Company, Dayton, Ohio. Automatic register. 1,626,574; Apr. 26.
Jacquemin, Eugene, assignor of one-half to H. L. Charles, Kent, Wash. Toy whistle. 1,626,198; Apr. 26.
Jakosky, John J., Los Angeles, Calif. Drain device. 1,626,089; Apr. 26.
Jakosky, John J., assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for sound reproductions. 1,626,088; Apr. 26.
James, James V., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tube-making method and apparatus. 1,626,412; Apr. 26.
Janney, Charles L., et al. (See Winterling, William F., assignor.)
Jansen, Otto, Berlin, Germany. Bearing for movements and driving gears. 1,626,536; Apr. 26.
Japs, Bernard W., Minneapolis, Minn. Loose-leaf binder. 1,626,280; Apr. 26.
Jeannotte, Emile A., Montreal, Quebec, Canada. Passing light. 1,626,281; Apr. 26.
Jennings, J. Claud, Winnsboro, Tex. Mattress-display rack. 1,626,282; Apr. 26.
Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Emergency valve-control system for tank vehicles. 1,626,283; Apr. 26.
Jirotka, Bohumil, Berlin, Germany, assignor to the Firm, Dr. Otto Sprenger Patentverwertung Jirotka mit beschränkter Haftung, Vaduz, Lichtenstein. Variable condenser. 1,626,537; Apr. 26.
Johanson, Georg K. V., assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Fluid meter. 1,626,538; Apr. 26.
Johnson, Alvin L., Worcester, assignor, by mesne assignments, to R. W. Robinson, jr., Worcester, and W. C. Watson, Leicester, Mass. Connecter for two-part demountable rims. 1,626,284; Apr. 26.
Johnson & Johnson. (See Zimmerli, W. F., and Bibb, assignors.)
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Automatic reclosing-circuit-breaker system. 1,626,467; Apr. 26.
Jones, Edward E., Rockford, Ill. Telephone holder. 1,626,539; Apr. 26.
Jones, George D., Petersburg, Va. Ironing-board attachment for wardrobe trunks. 1,626,468; Apr. 26.
Jones, Hulbert A., Ada, Okla. Dispensing and advertising device. 1,625,944; Apr. 26.
Judd, Randall F., Brookline, Mass. Game-ball holder. 1,625,856; Apr. 26.
Jumonville, Edward, New Orleans, La. Making mop heads. 1,625,857; Apr. 26.
Kalman Steel Company. (See White, William E., assignor.)
Karl, Heinrich, Jersey City, N. J. Treating traffic rails. 1,626,285; Apr. 26.
Katz, Sarah, Detroit, Mich. Attachment for telephones. 1,625,895; Apr. 26.
Kay, Edgar B., Washington, D. C. Incinerator. 1,626,000; Apr. 26.
Kaynor, Warren F., assignor to Waterbury Button Company, Waterbury, Conn. Detachable metal button. 1,626,582; Apr. 26.
Kearney, Edward J., Waumatosa, and J. Armitage, Milwaukee, assignors to Kearney-Trecker Corporation, West Allis, Wis. Machine-tool drive. 1,626,001; Apr. 26.
Kearney-Trecker Corporation. (See Kearney, E. J., and Armitage, assignors.)
Keenan, Charles G., Ojai, Calif. Illuminated sign. 1,626,286; Apr. 26.
Keeran, Charles R., assignor, by mesne assignments, to Autopoint Company, Chicago, Ill. Clip for pencils and the like. 1,625,809; Apr. 26.
Keller, Paul E. (See Daun, C. L., and Keller.)
Kellogg, Leroy D., Deerfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Receiving circuit. 1,626,239; Apr. 26.
Kellogg Switchboard and Supply Company. (See Kellogg, Leroy D., assignor.)
Kendall, Clyde E. (See Sutton, O. D., and Kendall.)
Kendall, William G., Newark, N. J. Vanity-case-compact holder and catch. 1,626,413; Apr. 26.
Kern, Elmer L. (See O'Neill, E. F., and Kern.)
Kersten, Samuel, Chicago, Ill. Mixing-valve support for laundry trays. 1,626,343; Apr. 26.
Kesselring, Fritz, Furth, Germany. Dynamo-electric machine. 1,626,199; Apr. 26.
Kessler, Charles A. (See Hutchens, H. O., and Kessler.)
Keywood, William, Easton, Wash. Water motor. 1,625,896; Apr. 26.
Kimura, Lawrence Y., Richmond, Calif. Pivoted-type compass. 1,626,540; Apr. 26.
Kinkead, Charles B., Huntington, W. Va. Device for use with telephones. 1,626,287; Apr. 26.
Kintzele, Julius H., St. Louis, Mo., assignor to Dryden Rubber Company, Chicago, Ill. Machine for placing washers upon the pins of rubber-heel molds. 1,626,039; Apr. 26.
Klappal, Emiel L. (See Kollman, M. L., and Klappal.)
Klein, Charles H., Jersey City, N. J., assignor to American Telephone and Telegraph Company. Cable clamp and bridle ring. 1,625,897; Apr. 26.
Klucas, Spencer E., Barry, Minn. End gate. 1,626,414; Apr. 26.
Knapp, Charles L., Shenandoah, Pa. Music-leaf turner. 1,625,898; Apr. 26.
Kohn, Chester B., South Orange, N. J. Fastening device. 1,626,138; Apr. 26.
Kollisch, Paul. (See Aldendorff, Fritz, assignor.)
Kollman, Melvin L., Sioux City, Iowa, and E. L. Klappal, Witton, S. Dak. Seed-cleaning machine. 1,625,858; Apr. 26.
Kondolf, Mathias R., Cynwyd, assignor to Boxboard Products Company, Philadelphia, Pa. Packing. 1,626,344; Apr. 26.
Koppers Company. (See Cavett, John J., assignor.)
Koske, Mike, Proberta, Calif. Combination brush, comb, and mirror. 1,626,415; Apr. 26.

Kosken, Wilho A., Boston, Mass., assignor to Steadylite Motion Picture Machine Corporation, New York, N. Y. Expansible pulley or the like. 1,626,240; Apr. 26.

Krafft, Bert H., Cambridge, Mass., assignor, by mesne assignments, to S. H. Borofsky, Brooklyn, N. Y. Storage-battery-grid pasting machine. 1,626,200; Apr. 26.

Krasa, Albert. (See Bates, A. M., and Krasa.)

Krauss, George M., Lingle, Wyo. Calf weaner. 1,626,090; Apr. 26.

Kraysler, Irving, assignor to Farber-Kraysler & Bro., New York, N. Y. Bracelet. 1,626,139; Apr. 26.

Krichbaum, Ora, Delaware, Ohio. Making a rubber article. 1,625,810; Apr. 26.

Krieger, A. Edward, et al., trustees. (See McArthur, Robert C., assignor.)

Krivoshein, Gregory G., Prague, Czechoslovakia, assignor of one-half to J. R. Freeman, Providence, R. I. Combined suspension and arch bridge. 1,626,241; Apr. 26.

Kroehler Mfg. Co. (See Beech, Alexander C., assignor.)

Kroff, Leonard D., Sterling, Ill. Mechanical toy. 1,626,040; Apr. 26.

Kuehner, Wilhelm, Providence, R. I. Chain. 1,626,416; Apr. 26.

Kuhn, Harry S., Waynesboro, Pa. Tool cabinet. 1,625,945; Apr. 26.

Kyle, Gordon R., Belleville, N. J., and B. A. Mitchell, West New Brighton, N. Y. Belt conveyer. 1,626,041; Apr. 26.

Lader, Jack, Brooklyn, N. Y., assignor to C. R. Whiting Co., Newark, N. J. Lining paper or similar article. Des. 72,519; Apr. 26.

Laird, John H., Louisville, Ky. Headlamp. 1,625,946; Apr. 26.

Lally, John, Boston, Mass. Fireproof building construction. 1,625,899; Apr. 26.

Lally, John, Great Neck, N. Y. Reenforced-concrete-floor construction. 1,625,900; Apr. 26.

Lambie, James M., and D. W. Ross, Washington, Pa. Mold for casting clay blocks and the like and method of molding. 1,625,947; Apr. 26.

Lamson Company, The. (See Maclaren, James G., assignor.)

Landis & Gyr A. G. (See Mettler, Josef, assignor.)

Lane, Alexis T., New York, N. Y. Combined cape and hat protector. 1,626,288; Apr. 26.

Lang, Niels, Vancouver, British Columbia, assignor to Lang's Daylight Limited, Vancouver, Canada. Lamp reflector. 1,625,948; Apr. 26.

Langdon, John J., Hartford, Conn. Flush valve. 1,626,289; Apr. 26.

Lange, Henry, Quincy, Ill. Combination stove. Des. 72,520; Apr. 26.

Lange, William L., New York, N. Y. Banjo. 1,625,811; Apr. 26.

Lang's Daylight Limited. (See Lang, Niels, assignor.)

Lanza, Frank, Philadelphia, Pa. Ductile wire trough for billiard tables. 1,626,242; Apr. 26.

Laro, Joseph, Fenton, Mich. Fabric material and obtaining same from cement bags. 1,626,201; Apr. 26.

La Rosa, John P., Port Chester, N. Y. Swimming device. 1,626,541; Apr. 26.

Larson, Elvin L., Aberdeen, Wash. Hydraulic brake. 1,626,542; Apr. 26.

Lauenstein, Otto, Wernigerode Harz, Germany. Wrapping device for irregularly-shaped delicate objects. 1,626,543; Apr. 26.

Lay, Charles, San Antonio, Tex. Nut guard. 1,625,901; Apr. 26.

Leddick, George S., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 1,626,469; Apr. 26.

Lee, Gilbert, Rockford, Ill. Straightedge instrument. 1,625,949; Apr. 26.

Lee, James I., Washington, D. C. Game. 1,626,243; Apr. 26.

Lee, U. G. & Co. Inc. (See Lee, Ulysses G., assignor.)

Lee, Ulysses G., assignor to U. G. Lee & Co. (Inc.), Chicago, Ill. Marine water-closet. 1,625,902; Apr. 26.

Lee, Ulysses G., assignor to W. G. Lee & Co. Inc., Chicago, Ill. Marine water-closet. 1,625,950; Apr. 26.

Lemon, Warren, St. Louis, Mo. Dirigible airship. 1,625,951; Apr. 26.

Lending, David M., Brooklyn, N. Y. Tassel fringe. Des. 72,521; Apr. 26.

Leon, Karl O., Lidkoping, Sweden. Roller bearing for radial and axial loads. 1,625,812; Apr. 26.

Leon, Lewicki J., West Chicago, Ill. Wall bracket for birdcages. Des. 72,522; Apr. 26.

Le Rouge, Jean, Boulogne, assignor to Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude), Paris, France. Separating gaseous mixtures. 1,626,345; Apr. 26.

Lewis, Robert S. (See Dake, C. W., and Lewis.)

Lewis-Shepard Company. (See Lovejoy, Ralph M., assignor.)

Lewis, Warren K., Newton, Mass., assignor to Standard Development Company. Distillation apparatus. 1,626,346; Apr. 26.

L'Hollier, Leslie H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber boot. 1,626,417; Apr. 26.

Libbey-Owens Sheet Glass Company. The. (See Blair, James C., assignor.)

Libbey-Owens Sheet Glass Company, The. (See Crowley, Joseph P., assignor.)

Libbey-Owens Sheet Glass Company, The. (See Drake, John L., assignor.)

Libby, Sam H., East Orange, N. J., assignor to General Electric Company. Thrust bearing. 1,626,470; Apr. 26.

Liebenberg, Arthur J., assignor to The Warner Elevator Manufacturing Company, Cincinnati, Ohio. Elevator-leveling control. 1,626,290; Apr. 26.

Lindholm, Arthur C., Springfield, Mass. Guiding attachment for reamers. 1,626,244; Apr. 26.

Lindstrom, Andrew E., San Francisco, Calif. Apparatus for vacuumizing and sealing cans. 1,626,291; Apr. 26.

Lionel Corporation, The. (See Caruso, Louis, assignor.)

Lipman Refrigeration Company. (See Ireland, Ward S., assignor.)

Little, William M., and Jesse L. Sherman, Norphlet, Ark. Separator. 1,626,245; Apr. 26.

Ljungkull, Rolf, assignor to Harnischfeger Corporation, Milwaukee, Wis. Excavator crane. 1,625,859; Apr. 26.

Lobit, Jean M., Brooklyn, N. Y. Flue. 1,626,002; Apr. 26.

Lobit, Jean M., Staten Island, N. Y. Space band. 1,626,003; Apr. 26.

Locke, Fred M., Victor, N. Y. Glass. 1,626,042; Apr. 26.

Lofman, Charles, assignor to Roberti Bros., Los Angeles, Calif. Bed or couch spring organization. 1,626,140; Apr. 26.

Lo Forti, Joe, Fresno, Calif. Brick mold. 1,626,004; Apr. 26.

Lombard, Homer W., assignor to Art Metal Construction Company, Jamestown, N. Y. Mop mold for library-stack construction. 1,626,043; Apr. 26.

Lorant, Danes, Shreveport, La. Beverage dispenser. 1,626,544; Apr. 26.

Lovejoy, Ralph M., Boston, assignor to Lewis-Shepard Company, Watertown, Mass. Standard locking mechanism for hoisting machines. 1,626,141; Apr. 26.

Lowenstein, Harry F., and E. E. Clement, assignors to E. F. Colladay, Washington, D. C. Radio receiving apparatus. Re16,606; Apr. 26.

Lowman, John W., Chattanooga, Tenn. Paint composition. 1,625,815; Apr. 26.

Lucas, Francis F., East Orange, N. J. Photomicrographic camera. 1,625,952; Apr. 26.

Lucke, Charles E., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Internal-combustion engine. 1,626,202; Apr. 26.

Lund, Joel, San Francisco, Calif. Process of and apparatus for making of fluxing materials. 1,626,292; Apr. 26.

Lundquist, Herman A., assignor of one-half to The Banting Manufacturing Company, Toledo, Ohio. Thrashing machine. 1,625,953; Apr. 26.

Lunkenheimer Company, The. (See Hehemann, Frederick H., assignor.)

Lyon, George A., Philadelphia, Pa. Automobile buffer and attachment therefor. 1,626,347; Apr. 26.

Lyon, Norman W. (See Wentworth, E. F., and Lyon.)

MacDonald, Joel W., Little Rock, Ark., assignor to W. L. Rucker, Los Angeles, Calif. Process and apparatus for manufacturing amorphous carbon, etc. 1,626,418; Apr. 26.

Mach, Milton M., Omaha, Nebr. Fountain pen. 1,625,860; Apr. 26.

Macklin, Jesse W., Anita, Iowa. Osteopathic operating table. 1,626,001; Apr. 26.

MacLaren, Fred B. (See Braselton, C. H., and MacLaren.)

MacLaren, James G., assignor to The Lamson Company, Syracuse, N. Y. Power-control apparatus for pneumatic-despatch systems. 1,625,903; Apr. 26.

Macomber, Herbert H., assignor to Flint & Walling Mfg. Co., Kendallville, Ind. Windmill. 1,626,203; Apr. 26.

Macy, Frederick S., Brooklyn, N. Y. Antidiabetic substance. 1,626,044; Apr. 26.

Madge, Francis D., Sound Beach, Conn. Spring cover. 1,625,861; Apr. 26.

Magnet-Werk G. m. b. H. Eisenach Spezialfabrik für Elektromagnet-Apparate. (See Bing, Julius, assignor.)

Majestic Manufacturing Company. (See Morley, Guilford S., assignor.)

Malmberg, Carl J., G. Surahammar, and J. G. Holanström, Saltsjo-Storangen, Sweden. Apparatus for determining the percentage of carbon in a specimen of of iron or steel. 1,626,005; Apr. 26.

Manchester, Clyde C., Toledo, Ohio, assignor to Industrial Research Corporation, Toledo, Ohio. Air cleaner. 1,625,816; Apr. 26.

Mankin, Lynn S. (See Shaffer, J. C., and Mankin.)

March, Carl, Chicago, Ill. Twine holder. 1,626,545; Apr. 26.

Marquardt, Frederick C., Milwaukee, Wis. Bed bottom. 1,625,817; Apr. 26.

Marquette Tool & Manufacturing Company. (See Glasner, R. W., and Nilson, assignors.)

Marquette Tool & Manufacturing Co. (See Rode, Fredrich J., assignor.)

Marshall, Ellsworth G. (See Caswell, R. G., and Marshall.)

Martin, Earl L., New York, N. Y. Forming news and tabloid sections from a continuous web. 1,625,862; Apr. 26.

Martin, Harry C., assignor to The Carborundum Company, Niagara Falls, N. Y. Article of bonded granular material and making the same. 1,626,246; Apr. 26.

Mason, Leon O., assignor of one-half to A. Willock, Los Angeles, Calif. Camp table. 1,626,293; Apr. 26.

Master, Albert, Park Ridge, Ill. Ball-bearing mounting. 1,626,092; Apr. 26.

Mathis, Frederick W., Lynchburg, Va., assignor to Draper Corporation, Hopedale, Mass. Shuttle-feeler thread parter and clamp. 1,626,546; Apr. 26.

Mattison Machine Works. (See Medholdt, Louis T., assignor.)

Mattson, Paul O., Denver, Colo. Folding easel. 1,625,904; Apr. 26.

Maulsby, Zene, Everett, Wash. Burial casket. Des. 72,523; Apr. 26.

Maxwell, George H. (See Westhaver, Norman J., assignor.)

McArthur, Robert C., assignor to W. O. Fredrikson, A. E. Krieger, and R. C. McArthur, trustees, Salamanca, N. Y., constituting McArthur Turnbuckle Company. Turnbuckle. 1,625,818; Apr. 26.

McArthur, Robert C., et al., trustees. (See McArthur, Robert C., assignor.)

McArthur Turnbuckle Company. (See McArthur, Robert C.)

McCaffrey, R. James. (See Smith, William J., assignor.)

McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,626,006; Apr. 26.

McCord Radiator & Mfg. Co. (See Bailey, C. B., McCord, and Wilkins, assignors.)

McCord, William W. (See Bailey, C. B., McCord, and Wilkins.)

McCree, Max A., Beaumont, Tex. Playground slide. 1,626,142; Apr. 26.

McGinty, John J., New York, N. Y. Swing. 1,626,204; Apr. 26.

McGranighan, John, Roxborough, Pa. Coin-controlled dispensing apparatus. 1,626,348; Apr. 26.

McHugh, Edward F., Kingston, Pa. Ventilating sash. 1,626,547; Apr. 26.

McLarty, Gordon, Rochester, N. Y. Apparatus for applying nonslipping material to floor coverings. 1,625,863; Apr. 26.

McNeely, Fred W., Evansville, Ind. Grease gun. 1,625,819; Apr. 26.

McNish, Alexander, assignor of one-half to The Automatic Bottle Machine Corporation, Limited, London, England. Machine for making bottles or other articles of glass. 1,626,548; Apr. 26.

McPherson, Harry L., Memphis, Tenn., assignor to A. Schrader's & Son, Incorporated, Brooklyn, N. Y. Combination dust cap and tire gauge. 1,626,294; Apr. 26.

Medholdt, Louis T., assignor to Mattison Machine Works, Rockford, Ill. High-speed safety cutter head. 1,626,247; Apr. 26.

Melin, George C., Galesburg, Ill. Ballast digging and cleaning machine. 1,625,864; Apr. 26.

Mell, Tod J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Strip-vulcanizing apparatus and method. 1,626,419; Apr. 26.

Merica, Paul D., Westfield, and J. S. Vanick, Elizabeth, N. J., assignors to The International Nickel Company, New York, N. Y. Alloy. 1,626,248; Apr. 26.

Merriman, Thomas C., Tunstall, England, assignor to William S. Pitcairn Corporation, New York, N. Y. Plate or similar article. Des. 72,524; Apr. 26.

Messer, Edward, Pittsburgh, Pa. Candy-jar holder. 1,626,205; Apr. 26.

Mettler, Josef, assignor to the Firm Landis & Gyr A. G., Zug, Switzerland. Coin device for prepayment meters. 1,626,143; Apr. 26.

Metzger, Constance I., administratrix. (See Wood, E. K., and Metzger.)

Metzger, John. (See Wood, E. K., and Metzger.)

Michaels, John I., and L. R. Watkins, assignors to The Watkins Manufacturing Company, Wichita, Kans. Casting jig. 1,626,144; Apr. 26.

Michie, Arthur C. (See Davidson, W. B., Michie, and Muddiman.)

Miller, Arthur N., Henryetta, Okla. Standing valve. 1,626,549; Apr. 26.

Miller, Frederick H., Portland, Oreg. Vegetable cutter. 1,626,550; Apr. 26.

Miller, Harold G., Homer, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Collapsible vehicle top. 1,626,551; Apr. 26.

Miller, H. H., Industries Company, The. (See Broadfield, Ward H., assignor.)

Miller, Lenard P. (See Akers, E., Mims, Moutray, and Miller.)

Miller, Otis A., assignor to A. G. Bush, Davenport, Iowa. Treating table. 1,626,471; Apr. 26.

Mills, Mortimer B., Chicago, Ill. Toy race course. 1,626,420; Apr. 26.

Milwaukee Gas Specialty Company. (See Spahr, Otto, assignor.)

Mims, Charley C. (See Akers, E., Mims, Moutray, and Miller.)

Minneapolis Heat Regulator Company. (See Denison, Frederick S., assignor.)

Mirrey, James. (See Coates, F., and Mirrey.)

Mitchell, Benjamin A. (See Kyle, G. R., and Mitchell.)

Mitchell, Charlie B., Los Angeles, Calif. Door-holding device. 1,626,007; Apr. 26.

Mitchell, Jonas, Washington, D. C. Detachable ladder for railway cars. 1,626,145; Apr. 26.

Mittelland Gummiwerke Aktiengesellschaft. (See Hergershausen, Katharina, assignor.)

Mitton, Robert E., Salt Lake City, Utah. Valve. 1,626,045; Apr. 26.

Moisselle, David B., Philadelphia, Pa. Rail joint. 1,626,349; Apr. 26.

Mole, Peter, jr., Schenectady, N. Y., assignor to General Electric Company. Feed for arc lamps. 1,626,472; Apr. 26.

Moore, Mary B., et al. (See Moore, Samuel M., assignor.)

Moore, Samuel M., assignor of one-sixth to W. J. Moore, Sumner, and one-sixth to R. A. Welton, one-sixth to M. B. Moore, one-sixth to B. R. Sagers, and one-sixth to B. Sagers, Lawrenceville, Ill. Dancing figure toy. 1,625,955; Apr. 26.

Moore, William J., et al. (See Moore, Samuel M., assignor.)

Moran, Robert B., and A. F. Spengler, assignors to Spengler Core Drilling Company, Los Angeles, Calif. Rotary core drill. 1,626,249; Apr. 26.

Mordin, Ralph, assignor to The Relay Automatic Telephone Company, Limited, London, England. Automatic and semiautomatic telephone system. 1,626,206; Apr. 26.

Morgenroth, Charles R. (See Morgenroth, Edwin and C.)

Morgenroth, Edwin L., Kewaskum, and C. R. Morgenroth, Milwaukee, Wis. Quack-grass-root rake. 1,626,046; Apr. 26.

Morley, Guilford S., University City, assignor to Majestic Manufacturing Company, St. Louis, Mo. Gas stove. 1,626,047; Apr. 26.

Morris, George A., and C. S. Pallot, Port Haney, British Columbia, Canada. Recording device for farm use. 1,626,473; Apr. 26.

Morrison, Simon, Brooklyn, N. Y. Double-swinging-mirror compact case. 1,626,474; Apr. 26.

Morrow, Louis, Ontario, Calif. Railway-track-crossing structure. 1,626,146; Apr. 26.

Morton, Harry U., Chicago, Ill., assignor to Morton Manufacturing Co. Car diaphragm and forming the same. 1,626,048; Apr. 26.

Morton Manufacturing Co. (See Morton, Harry U., assignor.)

Moser, Alexander, Bayside, N. Y. Automatic valve. 1,626,147; Apr. 26.

Mosher, Sherman L., Coffeeville, Miss. Seed-gathering device. 1,626,207; Apr. 26.

Mt. Carmel Mfg. Co., The. (See Goodman, Joseph, assignor.)

Moutray, Fred L. (See Akers, E., Mims, Moutray, and Miller.)

Muddiman, Ernest W. (See Davidson, W. B., Michie, and Muddiman.)

Mulholland, John B., and A. F. Borschel, Buffalo, N. Y. Safety target attachment for air rifles. 1,625,956; Apr. 26.

Muller-Thym, Bernard, Kansas City, Mo. Sanctuary lamp. 1,626,008; Apr. 26.

Multiposter Company. (See Schweiger, William F., assignor.)

Munroe, Trendway B., assignor to Dahlberg & Company, Inc., Chicago, Ill. Flooring material. 1,626,117; Apr. 26.

Murphy, Gilbert, and W. A. Simond, assignors to Acme Knitting Machine & Needle Company, Franklin, N. H. Knitting hosiery. 1,626,049; Apr. 26.

Murray, Richard H., Manchester, England. Light-reflecting device or unit. 1,625,905; Apr. 26.

Murray, Timothy J., Covington, Ind. Folding crate. 1,626,009; Apr. 26.

Musgrave, Joseph L. (See Crittall, R. G., and Musgrave.)

Mustain, John E. (See Sullins, H. L., and Mustain.)

Muter, Leslie F., Chicago, Ill. Variable high-resistance element and making the same. 1,626,421; Apr. 26.

Mutispaugh, Charles A., Plant City, Fla. Latch. 1,626,422; Apr. 26.

Mystic Washer Company. (See Hegarty, Daniel A., assignor.)

Naamlooze Vennootschap Philips' Gloeilampenfabrieken. (See Holst, G., and Bouwers, assignors.)

Nagel, Theodore, Brooklyn, N. Y. Binding fuel material and producing same. 1,626,208; Apr. 26.

National Carton Company. (See Yngve, Victor, assignor.)

National Dump Car Company. (See Nelkirk, John O., assignor.)

National Lead Company. (See Newnam, William E., assignor.)

Naylor, Howard W., Morris, N. Y. Dilator. 1,625,906; Apr. 26.

Neasham, John W., Des Moines, Iowa. Riser attachment for meat-slicing machines. 1,626,093; Apr. 26.

Negbaur, Harry, New York, N. Y., assignor to E & J Bass, Incorporated. Pocket flask. Des. 72,525; Apr. 26.

Nelkirk, John O., Lombard, assignor to National Dump Car Company, Chicago, Ill. Car. 1,626,010; Apr. 26.

Nelson, John H., Chicago, Ill., assignor, by mesne assignments, to Ecco Manufacturing Company. Timing switch. 1,626,475; Apr. 26.

Newnam, William E., Collinsville, Ill., assignor to National Lead Company, Jersey City, N. J. Pig-lead truck. 1,626,350; Apr. 26.

New York Air Brake Company, The. (See Wentworth, E. F., and Yyon, assignors.)

New York Coil Company. (See Rhoades, Lewis T., assignor.)
Nicholls, Gilbert E., Edgewood, assignor to The Swingrite Co., Inc., Providence, R. I. Golf-club shaft. 1,626,476; Apr. 26.
Nicholls, Gilbert E., Edgewood, assignor to The Swingrite Co., Inc., Providence, R. I. Golf-club shaft. 1,626,477; Apr. 26.
Nilson, Olof G. (See Glasner, R. W., and Nilson.)
Nohse, William R. E., New York, N. Y. Lubricating apparatus. 1,626,478; Apr. 26.
North American Lace Company. (See Siner, Raymond K., assignor.)
Nowosielski, Edward B., Bloomfield, assignor to Splitdorf Electrical Company, Newark, N. J. Flexible adjustable coupling. 1,626,351; Apr. 26.
Obrist, Robert, Weehawken, N. J. Gaming device. 1,626,148; Apr. 26.
Odell, Edwin, Central City, Nebr. Obstetrical instrument. 1,626,149; Apr. 26.
Old Colony Trust Company, trustee. (See Toney, George W., assignor.)
Olin, John M., and J. B. Smith, Alton, assignors to Western Cartridge Company, East Alton, Ill. Method and apparatus for stripping detonator igniter terminals. 1,626,119; Apr. 26.
Olin, John M., V. L. Davis, and J. B. Smith, Alton, assignors to Western Cartridge Company, East Alton, Ill. Method and apparatus for making igniter connections for detonators. 1,626,118; Apr. 26.
Oliphant, John, Chicago, Ill., assignor to Sullivan Machinery Company. Pumping system. 1,626,250; Apr. 26.
Olson, Andrew, assignor to The Cleveland Folding Machine Company, Cleveland, Ohio. Feed table. 1,626,352; Apr. 26.
Olson, Andrew, assignor to The Cleveland Folding Machine Company, Cleveland, Ohio. Paper feeder. 1,626,353; Apr. 26.
O'Neill, Eugene F., and E. L. Kern, Minneapolis, Minn. Needle vendor in the form of a miniature phonograph. 1,626,011; Apr. 26.
Ordog, Gergely, Ellis Island, N. Y. Elevator safety stop. 1,626,583; Apr. 26.
Ostroff, Sidney, Lowell, Mass. Gas mixer. 1,626,423; Apr. 26.
Oswald, Earl P., Detroit, Mich., assignor, by mesnes assignments, The Hoover Company, North Canton, Ohio. Electromagnetic switch. 1,625,820; Apr. 26.
Oulton, Daniel L., Everett, Mass., assignor to Oulton Manufacturing Corporation. Safety cranking device for internal-combustion motors. 1,626,209; Apr. 26.
Oulton Manufacturing Corporation. (See Oulton, Daniel L., assignor.)
Pabodie, Robert J., Maywood, Ill., assignor to The Griscom Russell Company, New York, N. Y. Subcooling condenser. 1,625,821; Apr. 26.
Pacific Foundry Company. (See Fowler, John S., assignor.)
Packard Motor Car Company. (See Andrew F. W., and Tibbetts, assignors.)
Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
Packard Motor Car Company. (See Woolson, Lionel M., assignor.)
Page, Robert R., New York, N. Y. Top adjustable banjo tailpiece. 1,626,094; Apr. 26.
Paget, Wm W., Virginia City, Nev. Propeller. 1,626,424; Apr. 26.
Paige-Detroit Motor Car Company. (See Reed, Ned S., assignor.)
Pallot, Charles S. (See Morris, G. A., and Pallot.)
Palm, Max J., jr., Cincinnati, Ohio. Plate or similar article. Des. 72,526; Apr. 26.
Parda, Stanley, Middletown, Conn. Changeable picture frame. 1,626,150; Apr. 26.
Pastrengo, Vittorio, San Francisco, Calif. Window. 1,626,479; Apr. 26.
Patscheider, Walter A., Auburndale, Mass. Electric heater for steam boilers and superheaters etc. 1,626,295; Apr. 26.
Pawling, George F., Philadelphia, Pa. Furring construction. 1,625,865; Apr. 26.
Pawling, George F., Philadelphia, Pa. Supporting ceiling furring. 1,625,866; Apr. 26.
Peller, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Fabricating glassware in suction-fed molds. 1,626,575; Apr. 26.
Pelsue, Teresa, G., Wentworth, Mo. Nursing-bottle protector. 1,626,425; Apr. 26.
Pennington, Harley D., assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Pipe-threading mechanism. 1,626,251; Apr. 26.
Penrod, John. (See Simons, R. B., and Penrod.)
Perkins, Lucius J., Los Aangeles, Calif., assignor to General Electric Company. Amplifying system. 1,626,480; Apr. 26.
Peters, Caroline A., Los Angeles, Calif. Doll. Des. 72,527; Apr. 26.
Peterson, Edwin O., Elgin, Nebr. Joining materials. 1,625,907; Apr. 26.
Pfeiffer, Alice L. (See Bagley, James, assignor.)
Phillips, Albanus, sr., et al. (See Winterling, Williams F., assignor.)
Phillips, Leon A., New York, N. Y. Garment hanger. 1,626,210; Apr. 26.
Phillips, Levi B., sr., et al. (See Winterling, William F., assignor.)
Phoenix Burner Corporation, The. (See Egloff, Frank S., assignor.)
Photometric Products Corporation. (See Rundell, Rupert E., assignor.)
Pilcher, John V., Louisville, Ky. Separable button. 1,626,296; Apr. 26.
Pilla, Raphael A., Philadelphia, Pa. Drawer stop. 1,626,354; Apr. 26.
Piotrowski, John B., Chippewa Falls, Wis. Boot or shoe. 1,626,426; Apr. 26.
Pitcairn, William S., Corporation. (See Merriman, Thomas C., assignor.)
Platt, Henry. (See Platt, John, W., and H.)
Platt, John, Harrow, England, and W. and H. Platt, Roubaix, France. Carding machine. 1,625,868; Apr. 26.
Platt, William. (See Platt, John, W., and H.)
Plaut, Antoine P., assignor of one-half to Roberts Brass Manufacturing Company, Detroit, Mich. Ajutage. 1,625,867; Apr. 26.
Plum, Stephen H., 2d, Madison, N. J., assignor to American Type Founders Company. Facsimile-printing attachment. 1,625,908; Apr. 26.
Plympton, Frederic K., assignor to N. D. Plympton, Brewster, N. Y. Machine for making bottle closures. 1,625,860; Apr. 26.
Plympton, Naomi D. (See Plympton, Frederic K., assignor.)
Pollak, Arnold A. (See Swanson, J. A., and Pollak.)
Pölsson, Bror. (See Reehsing, Ludwig, assignor.)
Pontiac Tractor Company. (See Wright, Norman A., assignor.)
Poole, Martain J. (See Reeves, W. B., and Poole.)
Posey, Mack. (See Haas, E. A., and Posey.)
Postindex Company. (See Attwood, Charles E., assignor.)
Potter, Ralph K., New York, N. Y., assignor to American Telephone and Telegraph Company. Radio receiver and trouble alarms. 1,625,822; Apr. 26.
Potter, Ralph K., New York, N. Y., assignor to American Telephone and Telegraph Company. Radio receiver and trouble alarms. 1,625,823; Apr. 26.
Power Specialty Company. (See Woolley, Harold O., assignor.)
Pratt, Oscar, Laurier, Wash. Filling devices. 1,626,050; Apr. 26.
Pratt Read Player Action Company. (See Fisher, Stanley L., assignor.)
Prescott, Sydney I., New York, N. Y., and F. J. Rummler, Lyndhurst, N. J. Wheel. 1,626,355; Apr. 26.
Price, James W., Tulsa, Okla. Casing puller. 1,625,909; Apr. 26.
Pride of Petaluma Brooder Stove Company. (See Frengle, F., and Rohan, assignors.)
Pro-phy-lac-tic Brush Company. (See Elliot, William S., assignor.)
Pyle-National Company, The. (See Dake, C. W., and Levis, assignors.)
Quaker City Iron Works. (See Jensen, James A., assignor.)
Quillen, Wrignol E., assignor of one-third to F. Spitz, Pittsburgh, Pa. Fountain soldering iron. 1,626,552; Apr. 26.
Quinn, Patrick A., Clifton, N. J. Automobile brake. 1,626,151; Apr. 26.
Radtke, Albert, Berlin, Germany. Portable tree-felling saw. 1,626,553; Apr. 26.
Ramage, Alexander S., et al., trustees. (See Ramage, Alexander S., assignors.)
Ramage, Alexander S., assignor to F. F. Beall, A. S. Ramage, and B. Briscoe, trustees, Detroit, Mich. Agitator. 1,626,297; Apr. 26.
Rambo, Joseph F., Pomona, Calif. Hydraulic motor. 1,626,298; Apr. 26.
Ramsburg, George S., Somersworth, N. H. Sectional florist bench. 1,626,095; Apr. 26.
Ramsey, Robert P., assignor to Clyde Iron Works, Duluth, Minn. Cable block. 1,625,910; Apr. 26.
Rasmussen, Carl, Menlo Park, Calif. Wood-splitting machine. 1,626,152; Apr. 26.
Ratcliff, William D., London, England, assignor to Inventors' Trading Company, Limited, London, England. Guard for the wheels of vehicles. 1,625,824; Apr. 26.
Reaveley, Emmett, Chicago, Ill. Woodwork shaper table. 1,626,153; Apr. 26.
Recording Thermometer Company. (See Frantz, Charles T., assignor.)
Reed, Harold V., assignor to The Borg & Beck Company, Chicago, Ill. Friction clutch. 1,626,427; Apr. 26.
Reed, James H., Swampscott, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Applying fasteners. 1,625,957; Apr. 26.
Reed, James H., Swampscott, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Stapling machine. 1,625,958; Apr. 26.
Reed, Ned S., assignor to Paige-Detroit Motor Car Company, Detroit, Mich. Cast-wheel construction. 1,626,211; Apr. 26.
Reehsing, Ludwig, Bremen, Germany, assignor to Bror Pölsson, Malmö, Sweden. Absorption refrigerator. 1,626,564; Apr. 26.

Reeves, Milton O., assignor to Reeves Pulley Company, Columbus, Ind. Controller for variable-speed transmission. 1,626,299; Apr. 26.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Splice block for V-shaped transmission. 1,626,300; Apr. 26.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Controlling the speed of driven members. 1,626,584; Apr. 26.
Reeves Pulley Company. (See Reeves, Milton O., assignor.)
Reeves Pulley Company. (See Reeves, Paul B., assignor.)
Reeves, William B., and M. J. Poole, Whitehead, N. C. Apparatus for washing clothes. 1,626,154; Apr. 26.
Reichenbach, Carl L., Yonkers, N. Y., assignor to Eclipse Air Brush Company, Newark, N. J. Spray gun. 1,626,096; Apr. 26.
Rekewitz, Charles, Racine, Wis. Lavatory. 1,626,155; Apr. 26.
Relay Automatic Telephone Company, The. (See Mordin, Ralph, assignor.)
Reliance Elevator Co. (See Anderson, John C. A., assignor.)
Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 1,626,555; Apr. 26.
Remington Typewriter Company. (See Barney, Edwin E., assignor.)
Renee, Joseph C., Libertyville, Ill. Checkrow planter. 1,626,012; Apr. 26.
Reynolds Gas Regulator Co. (See Gaunt, F., Reynolds, and Hughes, assignors.)
Reynolds, Myron B. (See Gaunt, F., Reynolds, and Hughes.)
Reynolds, William G., Grandview, Manitoba, Canada. Printing machine. 1,625,959; Apr. 26.
Reyrolle, A., & Company. (See Coates, F., and Mirrey, assignors.)
Rhoades, Lewis T., Mont Clare, Pa., assignor to New York Coil Company, New York, N. Y. Fixed condenser. 1,626,356; Apr. 26.
Rhodes, Russell I., North Attleboro, Mass. Jewelry-box hinge. 1,626,301; Apr. 26.
Richards, Harold L., Crystal Falls, Mich. Golf tee. 1,625,911; Apr. 26.
Ridgway, Ellis B. (See Ridgway, William H., assignor.)
Ridgway, William H., assignor to W. H. and E. B. Ridgway, Coatesville, Pa. Steam hydraulic system. 1,626,556; Apr. 26.
Ridler, Harry C., Minneapolis, Minn. Cooling device for drinking fountains. Re16,605; Apr. 26.
Rinebolt, Guy S., sr., Huntington, Ind. Fishline reel. 1,626,357; Apr. 26.
Robbert, Hubert W., Campbell, Nebr. Stove-fuel igniter. 1,625,870; Apr. 26.
Roberti Bros. (See Lofman, Charles, assignor.)
Roberts Brass Manufacturing Company. (See Plaut, Antoine P., assignor.)
Robertson, Henry, and H. Hirdler, Long Prairie, Minn. Boat-anchor hoist. 1,625,871; Apr. 26.
Robinson, Robert W., jr., et al. (See Johnson, Alvin L., assignor.)
Robinson, William H. (See Duffie, Allen M., assignor.)
Rode, Fredrich J., assignor to Marquette Tool & Manufacturing Co., Chicago, Ill. Die cushion. 1,626,051; Apr. 26.
Rodger Ballast Car Company. (See Hindahl, David, assignor.)
Roeder, Julius, and W. Wellmann, Witten, Germany. Rolling tubes. 1,626,481; Apr. 26.
Rogers, Cephas B., Danbury, Conn. Single electric-light bracket fixture. Des. 72,528; Apr. 26.
Rogers, Cephas B., Danbury, Conn. Twin electric-light bracket fixture. Des. 72,529; Apr. 26.
Rohan, Francis D. (See Frengle, F., and Rohan.)
Rolaff, Walter G. E., assignor to Rotary Compressor Company, Belleville, Ill. Air compressor or pump. 1,626,557; Apr. 26.
Rolph, Benjamin M., Dixon, Ill. Excavating machine. 1,625,912; Apr. 26.
Rose, James, Olean, N. Y. Spindle retainer. 1,626,252; Apr. 26.
Rosenblum, Morris, Pittsfield, Mass. Pressing apparatus. 1,626,253; Apr. 26.
Ross, David E., Lafayette, Ind. Compensating gearing. 1,626,156; Apr. 26.
Ross, Donald W. (See Lamble, J. M., and Ross.)
Rossman, Agnes R., Scotch Plains, N. J. Service door. 1,626,157; Apr. 26.
Rost, Robert W., Newark, N. J., assignor of one-half to A. F. Bigger, New York, N. Y. Playing ball. 1,626,302; Apr. 26.
Rotary Compressor Company. (See Roloff, Walter G. E., assignor.)
Roth, Herman, Wauwatosa, Wis. Plumbing fixture. 1,626,255; Apr. 26.
Rothmann, Albert, Heidelberg, and H. Stein, Mannheim, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Making bisalkyl-xanthogens. 1,626,558; Apr. 26.
Röwer, Fritz. (See Röwer, Heinrich and F.)
Röwer, Heinrich and R., Blender, Germany. Attachment for plows. 1,626,358; Apr. 26.
Rowland, Jasper M., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Liquid-weighing apparatus. 1,625,825; Apr. 26.
Roy, Joseph W., assignor of fifty-one one-hundredths to P. Delage, Detroit, Mich. Valve-seat grinder. 1,626,212; Apr. 26.
Royal, Charles B., Chicago, Ill. Lubricator for railway journal boxes. 1,626,428; Apr. 26.
Rozier, Honoré, Marseille, France. Universal woodworking machine for carpenters, joiners, and cabinetmakers. 1,626,559; Apr. 26.
Rucker, Winfred L. (See MacDonald, Joel W., assignor.)
Rudge-Whitworth Limited. (See Coquille, Emile H., assignor.)
Rummler, Francis J. (See Prescott, S. I., and Rummler.)
Rundell, Rupert E., Rockville Center, N. Y., assignor to Photometric Products Corporation. Color-sorting machine. 1,626,359; Apr. 26.
Ruoff, Frederick, Irvington, N. J., assignor to H. N. Smith, New York, N. Y. Vending machine. 1,626,429; Apr. 26.
Russell, Walter S., Los Angeles, Calif. Material-handling device. 1,625,913; Apr. 26.
Russell, Walter S., Los Angeles, Calif. Material-handling device. 1,625,960; Apr. 26.
Ryder, Harry M. (See Grondahl, L. O., and Ryder.)
Sabourin, Jean B. (See Smith, C. F., and Sabourin.)
Sagers, Bert, et al. (See Moore, Samuel M., assignor.)
Sagers, Bonnie R., et al. (See Moore, Samuel M., assignor.)
Saikawa, Sakuhei, Higashinojiri-Mura, Japan. Arrangement for transforming direct-current voltage. 1,626,097; Apr. 26.
St. John, Ancel, Brooklyn, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc. Producing homogeneous X-rays and apparatus therefor. 1,626,306; Apr. 26.
Sakowski, Hugo K., New York, N. Y. Pin. 1,626,303; Apr. 26.
Sanders, Allen C., Erie, Pa. Ellipsograph. 1,626,430; Apr. 26.
Sandvig, Naford B., Grafton, N. Dak. Grain separator. 1,626,585; Apr. 26.
Sargent & Company. (See Sargent, Edward R., assignor.)
Sargent & Company. (See Shaw, John H., assignor.)
Sargent, Edward R., assignor to Sargent & Company, New Haven, Conn. Sliding bolt. 1,626,482; Apr. 26.
Sausen, Bert R., and H. D. Binks, assignors to Binks Spray Equipment Co., Chicago, Ill. Spray cooling. 1,626,360; Apr. 26.
Schaefer, August C., Portland, Oreg. Can opener of the nipper type. 1,626,052; Apr. 26.
Schepper, Adam, and P. Schroeder, Bay City, Mich. Rolling radiator shutter. 1,626,098; Apr. 26.
Scheurer, R. E. (See Schlemeyer, Otto, assignor.)
Schlacks, Henry J., Chicago, Ill. Combination window. 1,625,872; Apr. 26.
Schlemeyer, Otto, assignor of one-half to R. E. Scheurer, Electra, Tex. Hydraulic jack. 1,626,158; Apr. 26.
Schmidt, Maximilian P., Biebrich-on-the-Rhine, Germany, assignor, by mesne assignments, to Grasselli Dyestuff Corporation, New York, N. Y. Manufacture of vat dyestuffs. 1,625,826; Apr. 26.
Schmitt, Frank R., Brooklyn, N. Y., assignor to American Machine and Foundry Company. Shelling coconuts. 1,626,361; Apr. 26.
Schmitt, Henry J., Emsworth Borough, assignor of one-half to W. M. Young, Avalon, Pa. Air moistening and cleaning device. 1,626,159; Apr. 26.
Schmitz, William, assignor to C. R. Whiting Co., Newark, N. J. Lining paper or similar article. Des. 72,530; Apr. 26.
Schneider & Cie. (See Schneider, Eugène, assignor.)
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Transmitting apparatus utilizing the principle of the Wheatstone bridge. 1,626,560; Apr. 26.
Schrader's, A., & Son, Incorporated. (See McPherson, Harry L., assignor.)
Schroeder, Paul. (See Schepper, A., and Schroeder.)
Schwade, Karl. (See Gedien, P., and Schwade.)
Schwalberg, Abraham, Brooklyn, N. Y. Removable wristwatch bracelet. 1,626,160; Apr. 26.
Schwarzmann, Leon, New York, N. Y. Automatic embroidering machine. 1,626,256; Apr. 26.
Schweigert, William F., Buffalo, N. Y. Closure for containers. 1,626,099; Apr. 26.
Schweiger, William F., assignor to Multiposter Company, Incorporated, Rochester, N. Y. Stamp-dispensing machine. 1,625,827; Apr. 26.
Scott, David T., Mitchells Island, Vancouver, Canada. Heavy-oil vaporizer. 1,626,561; Apr. 26.
Scott, Henry D. (See Spring, Daniel T., and S. E., assignors.)
Scott, Philip L., Three Oaks, Mich., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Governing device for internal-combustion motors. 1,626,053; Apr. 26.
Seeck, Ferdinand W., Lebanon, Oreg. Differential. 1,626,120; Apr. 26.
Seede, John A., Schenectady, N. Y., assignor to General Electrical Company. Electric furnace. 1,626,431; Apr. 26.
Seibt, Georg, Berlin-Schoneberg, Germany. Making thin-metal shapes. 1,625,914; Apr. 26.
Seigman, Harry, New York, N. Y. Adjustable phonograph repeater. 1,626,100; Apr. 26.
Seigman, Harry, New York, N. Y. Rest for sadiron. 1,626,101; Apr. 26.
Service Bureau, Inc. (See Cobb, Charles H., assignor.)

Sexton, Augustus H., assignor to D. L. Short, Philadelphia, Pa. Hair curling and waving device. 1,626,254; Apr. 26.

Shaffer, John C., and L. S. Mankin, assignors to Tulsa Valve Company, Tulsa, Okla. Water gauges for boilers. 1,625,828; Apr. 26.

Shald, Bruce J., O'Neill, Nebr. Electric signal for railway crossings, public highways, and the like. 1,625,873; Apr. 26.

Sharpless, Stewart L., Milwaukee, Wis. Tripping mechanism for printing machinery. 1,626,304; Apr. 26.

Sherer, William T., Chicago, Ill. Counter. 1,626,013; Apr. 26.

Sherman, Carroll J. and C. H., Houston, Tex. Oil burner. 1,625,961; Apr. 26.

Sherman, Charles H. (See Sherman, Carroll J. and C. H.)

Sherman, Jesse L. (See Little, W. M., and Sherman.)

Sherrod, William H., Los Angeles, Calif. Toy exerciser. 1,626,161; Apr. 26.

Short, David L. (See Sexton, Augustus H., assignor.)

Short, Hugh O., Rochester, England. Elastically connecting landing gear to aircraft. 1,626,483; Apr. 26.

Showers, Joseph R., Shelbyville, Ind. Loud-speaking wireless amplifier. 1,626,102; Apr. 26.

Shuell, Frank W., assignor to Ever Hot Heater Company, Detroit, Mich. Gas valve. 1,625,874; Apr. 26.

Shur-On Standard Optical Company. (See Du Paul, George H., assignor.)

Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Strike plate. 1,626,432; Apr. 26.

Shaw, Stanley W., Galesburg, Kans. Garden cultivator. 1,625,829; Apr. 26.

Sibley, Edwin J., Westbury, N. Y. Friction casement-window adjuster. 1,625,915; Apr. 26.

Siegel, Maude, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. Des. 72,531; Apr. 26.

Silber, Walter, Brooklyn, assignor to Special Stamping and Manufacturing Co., Inc., New York, N. Y. Bed-post lock. 1,626,121; Apr. 26.

Silten, Ernst, Berlin, Germany. Making therapeutic materials. 1,626,562; Apr. 26.

Simon, Friedrich, Freiburg-Breisgau, Germany. Parachute. 1,626,563; Apr. 26.

Simmons, George H., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,626,103; Apr. 26.

Simond, Walter A. (See Murphy, G., and Simond.)

Simons, Roy B., and J. Penrod, Okmulgee, Okla. Tubing anchor. 1,626,162; Apr. 26.

Simpson, Christine M. (See Waterbor, Elmer F., assignor.)

Siner, Raymond K., assignor to North American Lace Company, Philadelphia, Pa. Headband. 1,626,433; Apr. 26.

Slater, Dick C., Latrobe, Pa. Combined seat support, table, and luggage carrier for automobiles. 1,625,916; Apr. 26.

Smith, Clinton F., Attleboro, and J. B. Sabourin, Norton, Mass. Ornamenting machine. 1,626,014; Apr. 26.

Smith, Edgar J., Cardiff, Wales. Loading hopper. 1,626,122; Apr. 26.

Smith, Franklin J., Santa Clara, Calif. Swimming pad. 1,626,163; Apr. 26.

Smith, H. N. (See Rnoff, Frederick, assignor.)

Smith, Howard W., Ellwood City, Pa. Pipe-threading die. 1,625,830; Apr. 26.

Smith, Hubert C., St. Louis, Mo. Mattress-filling machine. 1,626,434; Apr. 26.

Smith, John B. (See Olin, J. M., and Smith.)

Smith, John B. (See Olin, J. M., Davis, and Smith.)

Smith, Ralph E., R. J. Arnold, and J. C. Gay, assignors to The Gallon Metallic Vault Company, Gallon, Ohio. Fastening device. 1,625,962; Apr. 26.

Smith, Thomas J. (See Weideman, George C., assignor.)

Smith, William J., assignor to R. J. McCaffrey, Philadelphia, Pa. Pump. 1,626,484; Apr. 26.

Snarry, John W., assignor to The Gear Grinding Company, Limited, Birmingham, England. Indexing mechanism for grinding and other machines. 1,626,564; Apr. 26.

Snyder, Simon, assignor to Sprout, Waldron & Co., Muncy, Pa. Feeding and mixing machine connected in gangs. 1,625,917; Apr. 26.

Snyder, Theodore J., Chicago, Ill. Sealing gasket. 1,625,963; Apr. 26.

Societe Belge des Produits Rationnels. (See Gougnard, Henri C. L., assignor.)

Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. (See Le Rouge, Jean, assignor.)

"Society of Chemical Industry in Basle." (See Straub, Fritz, assignor.)

Sorensen, Henry, San Francisco, Calif. Construction of fireproof buildings. 1,626,164; Apr. 26.

Spahr, Howard A., Milwaukee, Wis. Electric switch. 1,626,165; Apr. 26.

Spahr, Otto., Philadelphia, Pa., assignor, by mesne assignments, to Milwaukee Gas Specialty Company, Milwaukee, Wis. Flash igniter for gas burners. 1,625,964; Apr. 26.

Spake, Richard W., assignor to Comstock-Castle Stove Company, Quincy, Ill. Heater. Des. 72,532; Apr. 26.

Special Stamping and Manufacturing Co. (See Silber, Walter, assignor.)

Speicher, John K., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Oxidized pine oil for pigments. 1,626,362; Apr. 26.

Spengler, Arthur F. (See Moran, R. B., and Spengler.)

Spengler Core Drilling Company. (See Moran, R. B., and Spengler, assignors.)

Sperry, Elmer A., Brooklyn, N. Y. Gravity bomb. 1,626,363. Apr. 26.

Sperry, Elmer A., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Gyrocompass relay transmitter. 1,626,123; Apr. 26.

Sperry Gyroscope Company, The. (See Sperry, Elmer A., assignor.)

Spitz, Frances. (See Quillen, W. E., assignor.)

Splitdorf-Bethlehem Electrical Company. (See Thompson, Olof, assignor.)

Splitdorf Electrical Company. (See Nowosielski, Edward B., assignor.)

Sprague, Frank D., Brooklyn, N. Y. Automatic brake-control apparatus. 1,626,586; Apr. 26.

Sprenger, Dr. Otto, Patentverwertung Jirotka mit beschränkter Haftung. (See Jirotka, Bohumil, assignor.)

Sprigg, Robert W. (See Fain, F. E., and Sprigg.)

Spring, Daniel T., and S. E., Wheeling, W. Va., assignors of two-thirds to H. D. Scott, Wheeling, W. Va. Scraper for rolled plates. 1,626,435; Apr. 26.

Spring, Samuel E. (See Spring, Daniel T. and S. E.)

Sprout, Waldron & Co. (See Snyder, Simon, assignor.)

Stabler, Julia, New Brunswick, N. J. Rug. Des. 72,533; Apr. 26.

Stair, William D., Mount Union, Pa. Seat pad for sportmen's coats. 1,626,166; Apr. 26.

Standard Development Company. (See Clark, Edgar M., assignor.)

Standard Development Company. (See Lewis, Warren K., assignor.)

Standard Oil Company. (See Atwell, Harold V., assignor.)

Standard Oil Company. (See Engbrecht, Herman J., assignor.)

Standard Oil Company of California. (See Anfenger, Maximilian B., assignor.)

Stanton, Edward F., Los Angeles, Calif. Marking exhibitor. 1,626,565; Apr. 26.

Stark, Harold M., Highland Park, Mich. Apparatus and process for leeching, filtering, and absorbing gases and the like. 1,625,831; Apr. 26.

Starr, Frank F., assignor to Delco-Light Company, Dayton, Ohio. Engine. 1,626,364; Apr. 26.

Steadylite Motion Picture Machine Corporation. (See Kosken, Wilho A., assignor.)

Steel Products Company, The. (See Crawford, Frederick C., assignor.)

Stein, Charles E., Brea, Calif. Bumper. 1,626,566; Apr. 26.

Stein, Helmut. (See Rothmann, A., and Stein.)

Stein, Mitchell A., Anderson, S. C. Circuit-controlling apparatus. 1,625,832; Apr. 26.

Steinbrecht, Hans S., New York, N. Y. Stabilizer for aircraft. 1,626,567; Apr. 26.

Stenkvist, Emil, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Treating liquid-insulated transformers. 1,626,213; Apr. 26.

Stephenson, Robert, Blackburn, England. Garment suspender. 1,626,305; Apr. 26.

Stevens, Frederick A., Providence, R. I., assignor, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 1,625,833; Apr. 26.

Stickney, Burnham C., Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,626,124; Apr. 26.

Stierli, Otto. (See Heimgartner, C., and Stierli).

Stilgenbauer, Glenn W., Shepherd, Mich. Cultivator. 1,625,834; Apr. 26.

Stoetzel, Joseph J., Queens Village, assignor to G. & G. Atlas Systems, Inc., New York, N. Y. Single-tube pneumatic-dispatch unit. 1,626,214; Apr. 26.

Strandlund, Carl O., Moline, assignor to Deere & Company, Moline, Ill. Cultivator. 1,626,215; Apr. 26.

Stratton, John F. O., Chicago, Ill. Flow meter. 1,626,216; Apr. 26.

Straub, Christopher, East Elmhurst, N. Y., assignor, by mesne assignments, to Astoria Importing and Manufacturing Co. Inc. Veneer-cutting machine. 1,626,365; Apr. 26.

Straub, Fritz, assignor to the Firm: Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs containing chromium and making the same. 1,626,167; Apr. 26.

Straub, Fritz, assignor to the Firm: Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs and making same. 1,626,168; Apr. 26.

Straub, Fritz, assignor to the Firm: Society of Chemical Industry in Basle, Basel, Switzerland. Duestuffs containing chromium and making same. 1,626,169; Apr. 26.

Striffler, Gottlieb, Chicago, Ill. Heating furnace or stove. 1,626,054; Apr. 26.

Stromberg Motor Devices Company. (See Holt, Frank, assignor.)

Strupp, Herbert A., Evansville, Ind. Connecting-rod attachment. 1,625,965; Apr. 26.

Sughrua, Thomas J., Chicago, Ill. Coin holder. 1,626,366; Apr. 26.

Sullins, Harold L., and J. B. Mustain, Taft, Calif.; said Mustain assignor of one-fourth to said Sullins and one-fourth to W. D. Gray. Sucker rod and lock. 1,626,307; Apr. 26.

Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)

Sullivan Machinery Company. (See Oliphant, John, assignor.)

Sundt, Edward V., Chicago, Ill. Low-capacity fuse. 1,626,105; Apr. 26.

Super Diesel Tractor Corporation. (See Scott, Philip L., assignor.)

Sutton, O. D., and C. E. Kendall, Chicago, Ill. Internal-combustion engine. 1,625,835; Apr. 26.

Svenska Aktiebolaget Gasaccumulator. (See Johanson, Georg K. V., assignor.)

Swan, Earnest W. (See Cox, Floyd, assignor.)

Swanson, John A., Waltham, Mass., and A. A. Pollak, Waterbury, Conn. Bandage-dispensing device. 1,626,257; Apr. 26.

Swift, Ernest L., assignor to V. Swift, Oakland, Calif. Metal-coated electrode. 1,626,104; Apr. 26.

Swift, Virginia. (See Swift, Ernest L., assignor.)

Swindell, William, and Brothers. (See Brooke, Frank W., assignor.)

Swingrite Co., The. (See Nicholls, Gilbert E., assignor.)

Switzer, Elmer E., Beaumont, Tex. Asbestos crown-type packing. 1,626,436; Apr. 26.

Syracuse Industrial Gas Co. (See Henderson, Nelson H., assignor.)

Tanguay, Arthur G., Chicago, Ill., assignor to Badger Tool & Mfg. Co. Cutting tool. 1,625,836; Apr. 26.

Tannehill, Vernon L., assignor to Fort Wayne Engineering and Manufacturing Co., Fort Wayne, Ind. Water softener. 1,626,055; Apr. 26.

Tauschek, Gustav, Vienna, Austria. Punching machine. 1,626,217; Apr. 26.

Tella Sheet Metal Co. (See Zentner, Mathew, assignor.)

Texas Company, The. (See Burlingham, James H., assignor.)

Thatcher, Milo E., Los Angeles, Calif. Toilet-paper receptacle. 1,626,308; Apr. 26.

Thomas, Adolph A., New York, N. Y. Electric phonograph. 1,625,918; Apr. 26.

Thomas, George C., Malden, Mass., assignor to Converse Rubber Shoe Co. Arctic or gaiter. 1,626,587; Apr. 26.

Thomas, Idris. (See Vaughn, F. B., and Thomas.)

Thomas, William J., Coverdale, Pa. Coal drill or boring machine. 1,626,568; Apr. 26.

Thompson, Milton D., Fairhaven, Mass. Propeller. 1,626,056; Apr. 26.

Thompson, Olof, New York, N. Y., assignor, by mesne assignments, to Splitdorf-Bethlehem Electrical Company, Newark, N. J. Magneto generator. 1,626,367; Apr. 26.

Thomsen, Thomas C., assignor to Messrs. Koefoed, Hauberg, Marstrand & Helweg, Aktieselskabet Titan, Copenhagen, Denmark. Centrifugal separator. 1,625,919; Apr. 26.

Thurley, Arthur J., London, England. Adjustable single-lever pipe and nut wrench with ratchet-like control. 1,626,309; Apr. 26.

Thurman, Fred A., Apache, Okla. Box. 1,625,920; Apr. 26.

Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Lock mechanism. 1,626,106; Apr. 26.

Tibbetts, Milton. (See Andrew, F. W., and Tibbetts.)

Tillotson Manufacturing Co., The. (See Braselton, Chester H., assignor.)

Tilt, Le Roy W., Baltimore, Md. Drain guard for washing machines. 1,626,125; Apr. 26.

Tipton, Edna S., Jackson Heights, N. Y. Dental compact. 1,626,310; Apr. 26.

Tipton, Edna S., New York, N. Y. Beauty compact. 1,626,311; Apr. 26.

Tipton, Edna S., New York, N. Y. Beauty compact. 1,626,312; Apr. 26.

Toney, George W., Waltham, Mass., assignor, by mesne assignments, to Old Colony Trust Company, trustee. Timepiece with hand-driving extension. 1,626,170; Apr. 26.

Traphagen, Harry R., assignor to Emerson Brantingham Manufacturing Company, Rockford, Ill. Adjusting mechanism for plows. 1,626,308; Apr. 26.

Trout, Albert K. (See Avery, U. Sherman, and Trout.)

Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)

Tubular Woven Fabric Company. (See Bryant, Henry E., assignor.)

Tuckey, Edson N., Minneapolis, Minn. Air motor. 1,626,313; Apr. 26.

Tuckey, Edson N., Minneapolis, Minn. Air motor. 1,626,814; Apr. 26.

Tulloss, Stuart B., Washington, D. C. Sorting case. 1,626,126; Apr. 26.

Tulsa Valve Company. (See Shaffer, J. C., and Mankin, assignors.)

Turner Tanning Machinery Company, The. (See Brophy, J. J., and Broughton, assignors.)

Twin Dry Cell Battery Company, The. (See Deibel, C. P., and Waitt, assignors.)

Ullgren, Johan D., Stocksund, assignor to Aktiebolaget Karlstads Mekaniska Verkstad, Karlstad, Sweden. Pulp grinder. 1,626,015; Apr. 26.

Ullrich, Peter M., Waverly, Iowa. Device for holding registration cards on automobiles. 1,626,107; Apr. 26.

Underwood Typewriter Company. (See Stickney, Burnham C., assignor.)

Unger, Magnus, Pittsfield, Mass., assignor to General Electric Company. Induction furnace. 1,626,437; Apr. 26.

Unger, Magnus, Pittsfield, Mass., assignor to General Electric Company. Induction furnace. 1,626,485; Apr. 26.

Union Carbide & Carbon Research Laboratories, Inc. (See St. John, Ancel, assignor.)

Union Switch & Signal Company, The. (See Grondahl, L. O., and Ryder, assignors.)

Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)

Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)

United Engineering and Foundry Company. (See Pennington, Harley D., assignor.)

United Shoe Machinery Corporation. (See Reed, James H., assignor.)

Universal Candy and Chocolate Machinery Company. (See Chase, Earle M., assignor.)

Vallier, Orvis W., assignor to J. B. Wise Incorporated, Watertown, N. Y. Flow regulator for faucets. 1,625,921; Apr. 26.

Van Bommel, Pierre, Antwerp, Belgium. Shock-absorbing socket for electric filament lamps. 1,626,108; Apr. 26.

Van Cleave, Charles N. (See Gayle, Norman W., assignor.)

Van der Does de Bije, Anne J. M. A. R., The Hague, Netherlands. Furnace. 1,625,954; Apr. 26.

Vanick, James S. (See Merica, P. D., and Vanick.)

Vaughn, Fred B., Maywood, and I. Thomas, Whittier, Calif. Well-production apparatus. 1,626,057; Apr. 26.

Vendrell, Jacinto, Barcelona, Spain. Loom. 1,626,569; Apr. 26.

Venturini, Guillermo, Santiago, Chile. Electric lamp. 1,626,315; Apr. 26.

Verbey, Hubert C., et al. (See Bowes, Thomas D., assignor.)

Victor Engineering Co. (See Wotruba, Charles.)

Villaret, Gustave E., Leonia, N. J., assignor to H. Hilfman, New York, N. Y. Backplate for bracket lighting fixtures or similar articles. Des. 72,534; Apr. 26.

Villaret, Gustave E., Leonia, N. J., assignor to H. Hilfman, New York, N. Y. Arm for lighting fixtures or similar articles. Des. 72,535; Apr. 26.

Villaret, Gustave E., Leonia, N. J., assignor to H. Hilfman, New York, N. Y. Escutcheon plate for lighting fixtures or similar articles. Des. 72,536; Apr. 26.

Vodoz, Frederick W., Wilmette, assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 1,626,016; Apr. 26.

Voegeli, Frederick B., Easton, Pa. Treating textiles. 1,626,438; Apr. 26.

Voegeli, Frederick B., Easton, Pa. Apparatus for treating textile. 1,626,439; Apr. 26.

Von Herz, Edmund, Berlin-Charlottenburg, Germany. Manufacturing detonating compositions for explosive and percussion caps. 1,625,966; Apr. 26.

Von Mihály, Dénes, Budapest, Hungary. Phototelegraphic apparatus. 1,625,967; Apr. 26.

Waisman, Abraham, St. Louis, Mo. Garment retainer. 1,626,218; Apr. 26.

Waitt, Walter G. (See Deibel, C. P., and Waitt.)

Wagner, Alfred, Philadelphia, Pa., assignor to Gotham Silk Hosiery Company, Inc., New York, N. Y. Course-controlling attachment for knitting machines. 1,626,017; Apr. 26.

Wagniere, August L., Los Angeles, Calif. Sash-balancing device. 1,626,018; Apr. 26.

Wahl Clipper Corporation. (See Wahl, Leo J., assignor.)

Wahl, Leo J., Sterling, assignor to Wahl Clipper Corporation, Sterling, Ill. Self-regulating device for electromagnetic clippers. 1,626,058; Apr. 26.

Wakeman, Frank M., Lisbon Falls, Me. Baking pies. 1,626,316; Apr. 26.

Waldron, John, Corporation. (See Francke, William J., assignor.)

Walker, Hervey S., Ardmore, Pa. Electrical wiring system. 1,626,570; Apr. 26.

Wallace, Herbert A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,626,486; Apr. 26.

Walters, Joseph C., Waterbury, Conn. Envelope. 1,626,578; Apr. 26.

Wanamaker, John, New York. (See Drevenstedt, Amy, assignor.)

Ward, Alger L. (See Essex, H., and Ward.)

Ware, Louis, Miami, Ariz. Dispensing container for lubricating grease, etc. 1,625,968; Apr. 26.

Warner Elevator Manufacturing Company, The. (See Liebenberg, Arthur J., assignor.)

Warren, David, Lewiston, Me. Emulsifier. 1,626,487; Apr. 26.

Washburn, Edwin C., Englewood, N. J. Lever draft gear. 1,626,258; Apr. 26.

Wassel, Albert, assignor to G. J. Henry, San Francisco, Calif. Vehicle wind wing. 1,625,875; Apr. 26.

Wasserman, Rudolf, New York, N. Y. Marking device. 1,626,440; Apr. 26.

Waterbor, Elmer F., assignor to C. M. Simpson, Detroit, Mich. Cast wheel. 1,625,876; Apr. 26.

Waterbury Button Company. (See Kaynor, Warren F., assignor.)
Watertown Tableslide Co. (See Drew, Herbert H., assignor.)
Watkins, Lester R. (See Michaels, J. I., and Watkins.)
Watkins Manufacturing Company, The. (See Michaels, J. I., and Watkins, assignors.)
Watson, Clyde E., Appleton, Wis. Display rack. Des. 72,537; Apr. 26.
Watson, Walter C., et al. (See Johnson, Alvin L., assignor.)
Waverly Novelty Co. (See Avery, U. S., and Trout, assignors.)
Waverly Oil Works Company. (See Willock, H. H., Caplan, and Babb, assignors.)
Wayne, Oscar T., Philadelphia, Pa., assignor to X-It Laboratories, Inc., New York, N. Y. Hand massage implement and medicine applicator. 1,626,127; Apr. 26.
Webster, Lyman L., Franklinville, N. Y. Rail-tie support. 1,626,317; Apr. 26.
Weideman, George C., assignor of one-half to T. J. Smith, Cleveland, Ohio. Furnace. 1,626,576; Apr. 26.
Weidenfeld, Samuel, New York, N. Y. Prize-game device. 1,625,922; Apr. 26.
Weidlich Bros. Mfg. Co., The. (See Flauder, Alfred J., assignor.)
Welch, Lon E., Memphis, Tenn. Artificial stone or marble. 1,626,577; Apr. 26.
Wellmann, Wilhelm. (See Roeder, J., and Wellmann.)
Wells, Sidney D., Quincy, Ill. Cooking vegetable fiber. 1,626,171; Apr. 26.
Welte-Mignon Corporation. (See Cheek, Tolbert F., assignor.)
Welton, Rosie A., et al. (See Moore, Samuel M., assignor.)
Wenner, John C., Carrollton, Ohio. Tractor hitch. 1,626,441; Apr. 26.
Wentworth, Elihu F., East Orange, and N. W. Lyon, Caldwell, N. J., assignors to The New York Air Brake Company. Pressure-retaining valve. 1,626,109; Apr. 26.
Werner, Karl. (See Christlein, P. and Werner.)
Western Cartridge Company. (See Olin, J. M., and Smith, assignors.)
Western Cartridge Company. (See Olin, J. M., Davis, and Smith, assignors.)
Western Electric Company. (See Carter, Herbert F., assignor.)
Western Electric Company. (See Whittle, Horace, assignor.)
Western Union Telegraph Company, The. (See Howard, Albert H., assignor.)
Westhaver, Norman J., Cambridge, Mass., assignor to G. H. Maxwell, Phoenix, Ariz. Shoe-bottom-filling machine. 1,626,571; Apr. 26.
Westinghouse Electric & Manufacturing Company. (See Hodgkinson, Francis, assignor.)
Westinghouse Lamp Company. (See Gustin, Daniel S., assignor.)
Wettstein, Karl, Brux, Czechoslovakia. Making reenforced building elements. 1,626,318; Apr. 26.
Weymann, Charles T., Paris, France. Operating and locking device for oscillating panels. 1,625,923; Apr. 26.
Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Trunk fitting. 1,626,059; Apr. 26.
Wheary Trunk Company. (See Wheary, George H., assignor.)
Wheat, Frank R., Los Angeles, Calif. Sectional partition or panel structure. 1,626,259; Apr. 26.
Wheeling Stamping Company. (See Davis, Walter T., assignor.)
Whitacre, Charles R., Cincinnati, Ohio. Nonreturn check valve for brake systems connecting a plurality of engines. 1,625,837; Apr. 26.
White, William E., assignor to Kalman Steel Company, Chicago, Ill. Support and spacer for bars. 1,625,838; Apr. 26.
White, William E., assignor to Kalman Steel Company, Chicago, Ill. Junction clip and spacer for reenforcements. 1,625,839; Apr. 26.
White, William E., assignor to Kalman Steel Company, Chicago, Ill. Strip for roadways. 1,626,219; Apr. 26.
Whitehead & Hoag Company, The. (See Day, James C., assignor.)
Whitham, George S., jr., Hudson Falls, N. Y. Moisture indicating and recording. 1,626,060; Apr. 26.
Whiting, C. R., Co. (See Lader, Jack, assignor.)
Whiting, C. R., Co. (See Schmitz, William, assignor.)
Whitmire, William A., Big Creek, Calif. Excavating apparatus. 1,626,019; Apr. 26.
Whittle, Horace, assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission system. 1,625,840; Apr. 26.
Wiederhold, Oscar C., Philadelphia, Pa. Storage-battery system. 1,626,488; Apr. 26.
Wiese, John D., Manson, Iowa. Drag attachment for disk cultivators or harrows. 1,626,572; Apr. 26.
Wilkins, Charles. (See Bailey, C. B., McCord, and Wilkins.)
Willetts, Paul G., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Producing fired ceramic blocks. 1,626,260; Apr. 26.
Willetts, Paul G., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Making refractory blocks. 1,626,261; Apr. 26.
Williamson, John S., Seattle, Wash. Folding shipping case. 1,626,369; Apr. 26.
Willock, Alice. (See Mason, Leon O., assignor.)
Willock, Harry H., S. J. Caplan, and J. E. Babb, assignors to Waverly Oil Works Company, Pittsburgh, Pa. Lubricant. 1,625,969; Apr. 26.
Winterbottom, William G., sr., et al. (See Winterling, William F., assignor.)
Winterling, William F., Cambridge, Md., assignor of one-fifth to W. G. Winterbottom, sr., one-fifth to L. B. Phillips, sr., one-fifth to A. Phillips, sr., and one-fifth to C. L. Janney. Time switch for parking lamps. 1,626,319; Apr. 26.
Wise, J. B., Incorporated. (See Vallier, Orvis W., assignor.)
Wojcik, Frank J., Lowell, Ariz. Foot shield. 1,626,489; Apr. 26.
Wolfe, Jay A., assignor to The Columbus Heating and Ventilating Company, Columbus, Ohio. Heating and ventilating apparatus. 1,626,172; Apr. 26.
Woodbridge, Charles K., Flushing, N. Y., assignor to Dictaphone Corporation, Bridgeport, Conn. Sound distributing and transmitting means and method. 1,625,976; Apr. 26.
Wood, Edward K., Wilmington, J. Metzger, deceased, by C. I. Metzger, administratrix, Venice, Calif., assignors to Amusement Engineering Corporation, Los Angeles, Calif. Amusement apparatus. 1,625,877; Apr. 26.
Woodruff, John C., and G. Bloomfield, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst for synthetic methanol production. 1,625,924; Apr. 26.
Woodruff, John C., and G. Bloomfield, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst for synthetic methanol production. 1,625,925; Apr. 26.
Woodruff, John C., and G. Bloomfield, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst for synthetic methanol production. 1,625,926; Apr. 26.
Woodruff, John C., and G. Bloomfield, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst for synthetic methanol production. 1,625,927; Apr. 26.
Woodruff, John C., and G. Bloomfield, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst for synthetic methanol production. 1,625,928; Apr. 26.
Woodruff, John C., and G. Bloomfield, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst for synthetic methanol production. 1,625,929; Apr. 26.
Woodstock Typewriter Company. (See Hokanson, Otto A., assignor.)
Woolley, Harold O., Maplewood, N. J., assignor to Power Specialty Company, New York, N. Y. Combined superheater and boiler. 1,626,220; Apr. 26.
Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 1,626,061; Apr. 26.
Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Mixture-forming means for internal-combustion engines. 1,626,062; Apr. 26.
Worner, Henry F., Philadelphia, Pa. Radioreceiver. 1,626,370; Apr. 26.
Worthington Pump and Machinery Corporation. (See Lucke, Charles E., assignor.)
Wotruba, Charles. Fort Washington, assignor to C. L. Bachman and E. Hahn, Philadelphia, Pa., composing the Copartnership Victor Engineering Co. Ash conveyer and elector. 1,626,490; Apr. 26.
Wright, Arthur H., Minneapolis, Minn. Rotary reciprocating engine. 1,625,841; Apr. 26.
Wright, Charles C., Camden, N. J., assignor of one-half to Camden Pottery Company. Flush-tank construction and valve-lever-operating mechanism therefor. 1,626,128; Apr. 26.
Wright, Norman A., assignor to Pontiac Tractor Company, Pontiac, Mich. Spraying attachment for tractors. 1,626,371; Apr. 26.
Wright, Parvin. (See Gerrard, A. J., and Wright.)
Wright, William B., Custom House, London, England. Rotary tool for cleaning, chipping, or scaling surfaces. 1,626,491; Apr. 26.
X-It Laboratories, Inc. (See Wayne, Oscar T., assignor.)
Yngve, Victor, South Orange, N. J., assignor, by mesne assignments to National Carbon Company, Inc., New York, N. Y. Dry cell. 1,626,173; Apr. 26.
Young, William M. (See Schmitt, Henry J., assignor.)
Youngson, Alexander C., Brooklyn, N. Y. System for preparing packages for shipment or delivery. 1,626,492; Apr. 26.
Zabel, George W., Sherman, Calif. Hinge. 1,626,372; Apr. 26.
Zabel, George W., Sherman, Calif. Hinge clutch. 1,626,373; Apr. 26.
Zentner, Mathew, Oshkosh, assignor to Tella Sheet Metal Co., Oshkosh, Wis. Check draft. 1,626,174; Apr. 26.
Zimmer, Joseph, Brooklyn, N. Y. Swimming shoe. 1,626,175; Apr. 26.
Zimmerli, William F., Akron, Ohio, and C. H. Bibb, New Brunswick, N. J., assignors to Johnson & Johnson, New Brunswick, N. J. Adhesive. 1,626,493; Apr. 26.
Zweig, Joseph, Brooklyn, N. Y. Lighting fixture. Des. 72,538; Apr. 26.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 26TH DAY OF APRIL, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Adhesive. W. F. Zimmerli and C. H. Bibb. 1,626,493; Apr. 26.
Advertising device and reflector therefor. W. M. and C. J. Doering. 1,625,798; Apr. 26.
Agitator. A. S. Ramage. 1,626,297; Apr. 26.
Air cleaner. C. C. Manchester. 1,625,816; Apr. 26.
Air compressor or pump. W. G. E. Rolaff. 1,626,557; Apr. 26.
Aircraft, Elastically connecting landing gear to. H. O. Short. 1,626,483; Apr. 26.
Air craft, Lighter-than-. J. S. Candray. 1,626,183; Apr. 26.
Aircraft, Stabilizer for. H. S. Steinbrecht. 1,626,567; Apr. 26.
Air moistening and cleaning device. H. J. Schmitt. 1,626,159; Apr. 26.
Air motor. E. N. Tuckey. 1,626,313–14; Apr. 26.
Airship, Dirigible. W. Lemon. 1,625,951; Apr. 26.
Ajutage. A. P. Plaut. 1,625,867; Apr. 26.
Alloy. W. S. Ireland. 1,626,038; Apr. 26.
Alloy. P. D. Merica and J. S. Vanick. 1,626,248; Apr. 26.
Ammonium nitrate, Manufacture of. H. Howard. 1,625,807; Apr. 26.
Amplifying system. L. J. Perkins. 1,626,480; Apr. 26.
Amusement apparatus. E. K. Wood and J. Metzger. 1,625,877; Apr. 26.
Anchor hoist, Boat. H. Robertson and H. Hirdler. 1,625,871; Apr. 26.
Anchor, Tubing. R. B. Simons and J. Penrod. 1,626,162; Apr. 26.
Antenna regulation, Automatic. W. W. Brown. 1,626,449; Apr. 26.
Antidiabetic substance. F. S. Macy. 1,626,044; Apr. 26.
Arc lamps, Feed for. P. Mole, jr. 1,626,472; Apr. 26.
Arm. H. S. Best. 1,626,502; Apr. 26.
Arctic or gaiter. G. C. Thomas. 1,626,587; Apr. 26.
Article of bonded granular material and making the same. H. C. Martin. 1,626,246; Apr. 26.
Ash tray and like receptacle, Smoker's. R. M. Davis. 1,625,884; Apr. 26.
Atomising liquid fuels or other liquids, Method and apparatus for. O. R. Grönkwist. 1,625,997; Apr. 26.
Automatic register. P. A. Jackson. 1,626,574; Apr. 26.
Automobile bodies, Glass partition for closed. W. Brewster. 1,626,074; Apr. 26.
Automobile brake. P. A. Quinn. 1,626,151; Apr. 26.
Automobile buffer and attachment therefor. G. A. Lyon. 1,626,347; Apr. 26.
Automobile cleaning device. J. W. Carrington. 1,625,792; Apr. 26.
Automobile doors, Shield attachment for. F. H. Campbell. 1,625,791; Apr. 19.
Automobile parts and the like, Surfacing for. J. C. Carlson. 1,626,508; Apr. 26.
Automobile steering knee control. J. H. Cresmer. 1,626,331; Apr. 26.
Automobiles and other vehicles, Suspension of. G. H. E. de Ram. 1,626,188; Apr. 26.
Automobiles, Combination brake and jack mechanism for. E. and C. Ferry. 1,625,936; Apr. 26.
Automobiles, Device for holding registration cards on. P. M. Ullrich. 1,626,107; Apr. 26.
Awning for automobile doors. G. V. Blackford 1,625,785; Apr. 26.
Badge. J. C. Day. 1,626,133; Apr. 26.
Bags, Fabric material and obtaining same from cement. J. Laro. 1,626,201; Apr. 26.
Ball-securing means. M. Hänel. 1,626,529; Apr. 26.
Ball: *See*—
Playing ball.
Ball-bearing mounting. A. Master. 1,626,092; Apr. 26.
Ballast digging and cleaning machine. G. C. Melin. 1,625,864; Apr. 26.
Bandage-dispensing device. J. A. Swanson and A. A. Pollak. 1,626,257; Apr. 26.
Banjo. W. L. Lange. 1,625,811; Apr. 26.
Banjo tailpiece, Top adjustable. R. R. Page. 1,626,094; Apr. 26.
Bank, Savings. H. S. Goodman. 1,626,408; Apr. 26.
Bars, Support and spacer for. W. E. White. 1,625,838; Apr. 26.
Battery grid-pasting machine, Storage-. B. H. Krafft. 1,626,200; Apr. 26.
Battery unit and producing same. C. P. Deibel and W. G. Waitt. 1,625,848; Apr. 26.
Bearing for movements and driving gears. O. Jansen. 1,626,536; Apr. 26.
Bearing for radial and axial loads, Roller. K. O. Leon. 1,625,812; Apr. 26.
Bearing, Thrust. S. H. Libby. 1,626,470; Apr. 26.
Bed bottom. F. C. Marquardt. 1,625,817; Apr. 26.
Bed or couch spring organization. C. Lofman. 1,626,140; Apr. 26.
Bedpost lock. W. Silber. 1,626,121; Apr. 26.
Belt conveyer. G. R. Kyle and B. A. Mitchell. 1,626,041; Apr. 26.
Belt, Life. J. B. Adams. 1,625,971; Apr. 26.
Bench: *See*—
Florist bench.
Benzanthrone, Making. R. G. Caswell and E. G. Marshall. 1,626,392; Apr. 26.
Bib cock or faucet. E. A. Eckhouse. 1,626,031; Apr. 26.
Billiard tables, Ductile wire trough for. F. Lanza. 1,626,242; Apr. 26.
Binder, Loose-leaf. B. W. Japs. 1,626,280; Apr. 26.
Binding strips, Machine for making metal. J. W. Dixon. 1,626,227; Apr. 26.
Birdcages. Wall bracket for. L. J. Leon. Des. 72,522; Apr. 26.
Bisalkyl-xanthogens, Making. A. Rothmann and H. Stein. 1,626,558; Apr. 26.
Blank-holding means. R. W. Glasner and O. G. Nilson. 1,625,991; Apr. 26.
Block: *See*—
Cable block. Paving block.
Blocks, Making refractory. P. G. Willetts. 1,626,261; Apr. 26.
Board: *See*—
Sleeve-finishing board.
Boat form. C. E. Chance. 1,626,509; Apr. 26.
Boiler-cleaning device. M. R. Bowe. 1,626,385; Apr. 26.
Boilers, and superheaters, etc., Electric heater for steam. W. A. Patscheider. 1,626,295; Apr. 26.
Boilers, Water gauge for. J. C. Shaffer and L. S. Mankin. 1,625,828; Apr. 26.
Bolt: *See*—
Sliding bolt.
Bomb, Gravity. E. A. Sperry. 1,626,363; Apr. 26.
Boot or shoe. J. B. Piotrowski. 1,626,426; Apr. 26.
Boot, Rubber. L. H. L'Hollier. 1,626,417; Apr. 26.
Boots and shoes, Rack for. C. Fisher. 1,626,399; Apr. 26.
Bottle closure. C. Benetti. 1,626,499; Apr. 26.
Bottle closures, Making. F. K. Plympton. 1,625,869; Apr. 26.
Bottle protector, Nursing-. T. G. Pelsue. 1,626,425; Apr. 26.
Box: *See*—
Cooling box. Switch box.
Mail box.
Box. F. A. Thurman. 1,625,920; Apr. 26.
Box or carton. W. G. Booth. 1,626,324; Apr. 26.
Bracelet. I. Kraysler. 1,626,139; Apr. 26.
Bracelet, Removable wrist-watch. A. Schwalberg. 1,626,160; Apr. 26.
Bracket: *See*—
Curtain bracket.
Brake: *See*—
Automobile brake. Hydraulic brake.
Brake-control apparatus, Automatic. F. D. Sprague. 1,626,586; Apr. 26.
Brake systems connecting a plurality of engines, Nonreturn check valve for. C. R. Whitacre. 1,625,837; Apr. 26.
Brick mold. J. Lo Forti. 1,626,004; Apr. 26.
Bridge, Combined suspension and arch. G. G. Krivoshein. 1,626,241; Apr. 26.
Buckle, Turn. R. C. McArthur. 1,625 818; Apr. 26.
Building construction. A. F. Bemis. 1,626,112; Apr. 26.
Building construction, Fireproof. J. Lally. 1,625,899; Apr. 26.
Building elements, Making reenforced. K. Wettstein. 1,626,318; Apr. 26.
Buildings, Heating and cooling of. R. G. Crittall and J. L. Musgrave. 1,625,987; Apr. 26.
Bull wheels, Flange for. G. F. Bell. 1,626,322; Apr. 26.
Bumper. C. E. Stein. 1,626,566; Apr. 26.
Burner: *See*—
Gas burner. Oil burner.
Burners, Flash igniter for gas. O. Spahr. 1,625,964; Apr. 26.
Bush-hammering machine. C. Fürst. 1,626,033; Apr. 26.
Button, Detachable metal. W. F. Kaynor. 1,626,582; Apr. 26.
Button, Frolic. C. T. Hathaway. Des. 72,517; Apr. 26.

Button, Separable. J. V. Pilcher. 1,626,296; Apr. 26.
Buttons to cards, Attaching. A. Haenicke. 1,626,337; Apr. 26.
Cabinet player. T. F. Cheek. 1,626,327; Apr. 26.
Cabinet, Tool. H. S. Kuhn. 1,625,945; Apr. 26.
Cable block. R. P. Ramsey. 1,625,910; Apr. 26.
Cable clamp and bridle ring. C. H. Klein. 1,625,897; Apr. 26.
Casting machines, Metal-pouring apparatus for centrifugal. J. E. Hurst and E. B. Ball. 1,626,342; Apr. 26.
Calf weaner. G. M. Krauss. 1,626,090; Apr. 26.
Camera, Photomicrographic. F. F. Lucas. 1,625,952; Apr. 26.
Camp table. L. O. Mason. 1,626,293; Apr. 26.
Can opener of the nipper type. A. C. Schaefer. 1,626,052; Apr. 26.
Can steamer. J. Cook. 1,626,452; Apr. 26.
Can washer and steamer. B. E. Cramer. 1,626,516; Apr. 26.
Cans, Apparatus for vacuumizing and sealing. A. E. Lindstrom. 1,626,291; Apr. 26.
Cans or other receptacles, Apparatus for filling. C. A. Alexanderson. 1,626,375; Apr. 26.
Cape and hat protector, Combined. A. T. Lane. 1,626,288; Apr. 26.
Car. J. O. Neikirk. 1,626,010; Apr. 26.
Car construction, Dump-. D. Hindabi. 1,625,908; Apr. 26.
Car diaphragm and forming the same. H. U. Morton. 1,626,048; Apr. 26.
Car-heating system. E. H. Gold. 1,626,234; Apr. 26.
Cars, Detachable ladder for railway. J. Mitchell. 1,626,145; Apr. 26.
Carbon, etc., Process and apparatus for manufacturing amorphous. J. W. MacDonald. 1,626,418; Apr. 26.
Carbon in a specimen of iron or steel, Apparatus for determining the percentage of. C. J. G. Malmberg and J. G. Holmström. 1,626,005; Apr. 26.
Carburetor. C. H. Braselton. 1,625,787; Apr. 26.
Carburetor. L. Henriot. 1,626,085; Apr. 26.
Carburetor frames, Die for making. F. Holt. 1,625,854; Apr. 26.
Card, Index. C. H. Cobb. 1,625,934; Apr. 26.
Carrier: *See*—
Ice-can carrier. Luggage carrier.
Case: *See*—
Compact case. Sorting case.
Shipping case. Vanity case.
Casing puller. J. W. Price. 1,625,909; Apr. 26.
Casket, Burial. Z. Maulsby. Des. 72,523; Apr. 26.
Cast wheel. E. F. Waterbor. 1,625,876; Apr. 26.
Ceiling furring, Supporting. G. F. Pawling. 1,625,866; Apr. 26.
Cement and lime burning. G. E. Heyl. 1,625,853; Apr. 26.
Centrifugal separator. T. C. Thomsen. 1,625,919; Apr. 26.
Chain. W. Kuebner. 1,626,416; Apr. 26.
Chain, Cutter. F. W. Vodos. 1,626,016; Apr. 26.
Chain, Key. M. Falk. 1,626,334; Apr. 26.
Chain pipe wrench. W. G. Hughes. 1,626,238; Apr. 26.
Chain wrench. N. Douglass. 1,626,518; Apr. 26.
Chair: *See*—
Reclining chair.
Chassis. F. W. Ayres. 1,625,972; Apr. 26.
Check draft. M. Zenther. 1,626,174; Apr. 26.
Chicken hover. F. Frengle and F. D. Rohan. 1,626,231; Apr. 26.
Cigar machines, Transferring device for. J. F. Halstead. 1,626,410; Apr. 26.
Circuit breaker, Electric-. R. W. Gregory. 1,626,528; Apr. 26.
Circuit-breaker system, Automatic reclosing-. A. E. Anderson. 1,626,495; Apr. 26.
Circuit-breaker system, Automatic reclosing-. B. W. Jones. 1,626,467; Apr. 26.
Circuit closer. W. Banika. 1,625,973; Apr. 26.
Circuit-controlling apparatus. M. A. Stein. 1,625,832; Apr. 26.
Circuit, Receiving. L. D. Kellogg. 1,626,239; Apr. 26.
Circuit switch, Multiple-. B. E. Getchell. 1,626,233; Apr. 26.
Clay blocks and the like and method of molding, Mold for casting. J. M. Lambie and D. W. Ross. 1,625,947; Apr. 26.
Cleaning device. P. E. Åström. 1,625,930; Apr. 26.
Cleaner: *See*—
Air cleaner.
Clip and spacer for reenforcements, Junction. W. E. White. 1,625,839; Apr. 26.
Clippers, Self-regulating device for electromagnetic. L. J. Wahl. 1,626,058; Apr. 26.
Closet: *See*—
Marine water-closet. Water-closet.
Closets, Coupling for. C. W. Fankhauser. 1,626,135; Apr. 26.
Clothes-washing apparatus. H. G. Dugan. 1,626,397; Apr. 26.
Clutch, Friction. H. V. Reed. 1,626,427; Apr. 26.
Clutch, Hinge. G. W. Zabel. 1,626,373; Apr. 26.
Clutches and the like, Friction body for multiple-disk. J. Bing. 1,625,933; Apr. 26.
Coconuts, Shelling. F. R. Schmitt. 1,626,361; Apr. 26.
Coin-controlled lock. N. W. Gayle. 1,626,193; Apr. 26.
Coin holder. T. J. Sughrua. 1,626,366; Apr. 26.
Coin magazine. F. H. Brinkerhoff. 1,625,979; Apr. 26.
Collar-button guard. C. Heimgartner and O. Stierli. 1,626,187; Apr. 26.
Collar-display device. C. M. Connolly. 1,626,514; Apr. 26.
Color-sorting machine. R. E. Rundell. 1,626,359; Apr. 26.
Comb, brush, and mirror, Combination. M. Koske. 1,626,415; Apr. 26.
Compact, Beauty. E. S. Tipton. 1,626,311-12; Apr. 26.
Compact case, Double-swinging-mirror. S. Morrison. 1,626,474; Apr. 26.
Compass, Pivoted-type. L. Y. Kimura. 1,626,540; Apr. 26.
Compressor governor. N. A. Christensen. 1,626,076; Apr. 26.
Concrete-block molding and setting machine and method of molding. E. F. Bramin. 1,626,447; Apr. 26.
Condenser. G. A. Gillen. 1,626,526; Apr. 26.
Condenser, Fixed. L. T. Rhoades. 1,626,356; Apr. 26.
Condenser, Subcooling. R. J. Pabodie. 1,625,821; Apr. 26.
Condenser, Variable. B. Jirotka. 1,626,537; Apr. 26.
Condenser, Variable air. A. D. Cardwell. 1,626,391; Apr. 26.
Connecting-rod attachment. H. A. Strupp. 1,625,965; Apr. 26.
Containers, Closure for. W. F. Schweigert. 1,626,099; Apr. 26.
Containers, Contents-level indicator for. G. M. Bechtel. 1,625,976; Apr. 26.
Conveyer and ejector, Ash. C. Wotruba. 1,626,490; Apr. 26.
Cooking vessel, Domestic. M. S. Irish. 1,625,999; Apr. 26.
Cooling box. H. E. Harris. 1,626,084; Apr. 26.
Cording machine. J., W., and H. Platt. 1,625,868; Apr. 26.
Core drill, Rotary. R. B. Moran and A. F. Spengler. 1,626,249; Apr. 26.
Counter. W. T. Sherer. 1,626,013; Apr. 26.
Coupling: *See*—
Flexible coupling. Flexible adjustable coupling.
Crane, Excavator. R. Ljungkull. 1,625,859; Apr. 26.
Crate, Folding. T. J. Murray. 1,626,009; Apr. 26.
Crown stopper. C. Benetti. 1,626,500; Apr. 26.
Crusher: *See*—
Dry-pan crusher.
Cucurbocitrin, Preparation of. I. S. Barksdale. 1,626,321; Apr. 26.
Culinary vessel. W. W. Decker, jr. 1,625,847; Apr. 26.
Cultivator. G. W. Stilgenbauer. 1,625,834; Apr. 26.
Cultivator. C. G. Strandlund. 1,626,215; Apr. 26.
Cultivator, Garden. S. W. Shaw. 1,625,829; Apr. 26.
Cultivators or harrows, Drag attachment for disk. J. D. Wiese. 1,626,572; Apr. 26.
Current voltage, Arrangement for transforming direct. S. Saikawa. 1,626,097; Apr. 26.
Curtain bracket. J. Colone. 1,626,186; Apr. 26.
Cushion: *See*—
Die cushion.
Cutter: *See*—
Vegetable cutter.
Cutting tool. A. G. Tanguay. 1,625,836; Apr. 26.
Dental chuck. W. F. Dunlop. 1,626,519; Apr. 26.
Dental compact. E. S. Tipton. 1,626,310; Apr. 26.
Detonator igniter terminals, Method and apparatus for stripping. J. M. Olin and J. B. Smith. 1,626,119; Apr. 26.
Detonators, Method and apparatus for making igniter connections for. J. M. Olin, V. L. Davis, and J. B. Smith. 1,626,118; Apr. 26.
Die cushion. F. J. Rode. 1,626,051; Apr. 26.
Differential. F. W. Seeck. 1,626,120; Apr. 26.
Dilator. H. W. Naylor. 1,625,906; Apr. 26.
Dishwashing machine. N. H. Henderson. 1,626,194; Apr. 26.
Dispatch systems, Power-control apparatus for pneumatic. J. G. Maclaren. 1,625,903; Apr. 26.
Dispatch unit, Single-tube pneumatic. J. J. Stoetzel. 1,626,214; Apr. 26.
Dispenser, Beverage. D. Lorant. 1,626,544; Apr. 26.
Dispensing and advertising device. H. A. Jones. 1,625,944; Apr. 26.
Dispensing apparatus, Coin-controlled. J. McGranighan. 1,626,348; Apr. 26.
Dispensing container for lubricating grease, etc. L. Ware. 1,625,968; Apr. 26.
Display apparatus, Decorating changeable. A. Archipenko. 1,626,497; Apr. 26.
Display device. N. B. Holt. 1,626,037; Apr. 26.
Display rack. H. S. Best. 1,626,501; Apr. 26.
Display rack. C. E. Watson. Des. 72,537; Apr. 26.
Display rack, Mattress. J. C. Jennings. 1,626,282; Apr. 26.
Display stand. A. Cossins. 1,626,330; Apr. 26.
Distillation apparatus. W. K. Lewis. 1,626,346; Apr. 26.
Distilling apparatus. J. H. Burlingham. 1,626,223; Apr. 26.
Doll. C. A. Peters. Des. 72,527; Apr. 26.
Door handle, Making. J. Goodman. 1,626,278; Apr. 26.
Door-holding device. C. B. Mitchell. 1,626,007; Apr. 26.
Door, Service. A. R. Rossman. 1,626,157; Apr. 26.

Drag-link element, Making a. F. C. Crawford. 1,625,795; Apr. 26.
Drain device. J. J. Jakosky. 1,626,089; Apr. 26.
Drawer stop. R. A. Pilla. 1,626,354; Apr. 26.
Dress. M. Siegel. Des. 72,531; Apr. 26.
Dress, Pantaloon. P. M. Crane. 1,626,024; Apr. 26.
Drill: *See*—
Core drill.
Drill or boring machine, Coal. W. J. Thomas. 1,626,568; Apr. 26.
Dry cell. V. Yngve. 1,626,173; Apr. 26.
Dry-pan crusher. J. S. Fowler. 1,625,887; Apr. 26.
Dust cap and tire gauge, Combination. H. L. McPherson. 1,626,294; Apr. 26.
Dust from and settling fur, hair, and the like material, Extracting. S. W. Howarth. 1,626,339; Apr. 26.
Dyestuffs and making same. F. Straub. 1,626,168; Apr. 26.
Dyestuffs containing chromium and making the same. F. Straub. 1,626,167; Apr. 26.
Dyestuffs containing chromium and making same. F. Straub. 1,626,169; Apr. 26.
Dyestuffs, Manufacture of vat. M. P. Schmidt. 1,625,826; Apr. 26.
Easel, Folding. P. O. Mattson. 1,625,904; Apr. 26.
Electric cut-out. C. I. Hall. 1,626,462; Apr. 26.
Electric distribution, System of. F. J. Champlin. 1,626,451; Apr. 26.
Electric furnace. J. A. Seede. 1,626,431; Apr. 26.
Electric heater. A. M. Duffie. 1,625,989; Apr. 26.
Electric machine, Dynamo-. F. Kesselring. 1,626,199; Apr. 26.
Electric switch. G. S. Leddick. 1,626,469; Apr. 26.
Electric switch. H. A. Spahr. 1,626,165; Apr. 26.
Electric switch, Oil-immersed. F. Coates and J. Mirrey. 1,626,513; Apr. 26.
Electrical apparatus. J. G. Campbell. 1,626,182; Apr. 26.
Electrical apparatus. L. O. Grondahl and H. M. Ryder. 1,625,996; Apr. 26.
Electrical wiring system. H. S. Walker. 1,626,570; Apr. 26.
Electrode, Metal-coated. E. L. Swift. 1,626,104; Apr. 26.
Electromagnetic switch. E. P. Oswald. 1,625,820; Apr. 26.
Elevator-control system. J. C. A. Anderson. 1,626,377; Apr. 26.
Elevator installations, Illuminated signal for. F. A. Boeditcher. 1,626,383; Apr. 26.
Elevator-leveling control. A. J. Liebenberg. 1,626,290; Apr. 26.
Elevator safety stop. G. Ordog. 1,626,583; Apr. 26.
Ellipsograph. A. C. Sanders. 1,626,430; Apr. 26.
Embroidering machine, Automatic. L. Schwarzmann. 1,626,256; Apr. 26.
Emulsifier. D. Warren. 1,626,487; Apr. 26.
End gate. S. E. Klucas. 1,626,414; Apr. 26.
Engine: *See*—
Gasoline engine.
Internal-combustion engine. Reciprocating engine.
Engine. W. H. Broadfield. 1,625,880; Apr. 26.
Engine. N. F. Foner. 1,626,457; Apr. 26.
Engine. F. F. Starr. 1,626,364; Apr. 26.
Engine-cooling systems, Attachment for a gas-. E. M. Bremer. 1,626,448; Apr. 26.
Engine starter, Gas-. R. Chilton. 1,625,793; Apr. 26.
Engines, Controlling device for marine. E. F. J. Breland. 1,625,978; Apr. 26.
Engines, Cylinder for double-acting. T. D. Bowes. 1,625,843; Apr. 26.
Engines, Fluid-cooled rotary valve for internal-combustion. R. F. Barker. 1,626,111; Apr. 26.
Engines, Method and means for starting internal-combustion. N. Herzmark. 1,625,940; Apr. 26.
Engines, Mixture-forming means for internal-combustion. L. M. Woolson. 1,626,062; Apr. 26.
Engines, scavenging, fuel-humidifying, and volatilizing process and apparatus for internal-combustion. J. P. Farnham. 1,626,335; Apr. 26.
Envelope. J. C. Walters. 1,626,578; Apr. 26.
Excavating apparatus. W. A. Whitmire. 1,626,019; Apr. 26.
Excavating machine. B. Rolph. 1,625,912; Apr. 26.
Explosive and percussion caps, Manufacturing detonating compositions for. E. von Herz. 1,625,966; Apr. 26.
Fabric-roll holder. G. Graham and A. C. Helmus. 1,626,080; Apr. 26.
Fasteners, Applying. J. H. Reed. 1,625,957; Apr. 26.
Fastening device. C. B. Kohn. 1,626,138; Apr. 26.
Fastening device. R. E. Smith, R. J. Arnold, and J. C. Gay. 1,625,962; Apr. 26.
Faucets, Flow regulator for. O. W. Vallier. 1,625,921; Apr. 26.
Feed table. A. Olson. 1,626,352; Apr. 26.
Feeding and mixing machine connected in gangs. S. Snyder. 1,625,917; Apr. 26.
Fertilizer production, Obtaining a culture mixture for. C. A. Baumgarten-Crusius. 1,626,579; Apr. 26.
Figure of animated objects. K. Hergersbausen. 1,626,533; Apr. 26.
Filing and indexing equipment. C. E. Attwood. 1,626,442; Apr. 26.
Filling device. O. Pratt. 1,626,050; Apr. 26.
Fired ceramic blocks, Producing. P. G. Willetts. 1,626,260; Apr. 26.
Fireproof buildings, Construction of. H. Sorensen. 1,626,164; Apr. 26.
Fishing device. A. F. Dice. 1,625,988; Apr. 26.
Fishing-rod appliance. F. E. Fain and R. W. Sprigg. 1,626,333; Apr. 26.
Fishline reel. G. S. Rinebolt, sr. 1,626,357; Apr. 26.
Flexible adjustable coupling. E. B. Nowsield. 1,626,351; Apr. 26.
Flexible coupling. W. J. Francke. 1,626,458; Apr. 26.
Flexible coupling. W. A. Hiller. 1,626,195; Apr. 26.
Float control device. L. W. Browne. 1,626,504; Apr. 26.
Floor construction, Reenforced concrete. J. Lally. 1,625,900; Apr. 26.
Floor coverings, Apparatus for applying nonslipping material to. G. McLarty. 1,625,863; Apr. 26.
Flooring material. T. B. Munroe. 1,626,117; Apr. 26.
Florist bench, Sectional. G. S. Ramsburg. 1,626,095; Apr. 26.
Flow meter. J. F. O. Stratton. 1,626,216; Apr. 26.
Flower curling machine, Artificial-. O. Ganio, G. Avondoglio, and O. Grassis. 1,626,523; Apr. 26.
Flue. J. M. Lobit. 1,626,002; Apr. 26.
Fluid meter. G. K. V. Johanson. 1,626,538; Apr. 26.
Fluid-operated percussive tool. C. A. Hultqvist. 1,626,087; Apr. 26.
Fluids, Elevating. C. O. Haskell. 1,626,236; Apr. 26.
Fluxing materials, Process of and apparatus for making of. J. Lund. 1,626,292; Apr. 26.
Flying machines, Landing chassis for. C. Dornier. 1,626,332; Apr. 26.
Flytrap. R. J. Harris. 1,626,530; Apr. 26.
Focusing device. C. E. Godley. 1,626,407; Apr. 26.
Folding machines, etc., Temperature control for. O. E. Cook. 1,626,515; Apr. 26.
Foot shield. F. J. Wojcik. 1,626,489; Apr. 26.
Forceps, Dental. O. Cantor. 1,626,226; Apr. 26.
Fountains, Cooling device for drinking. H. C. Ridler. Re16,605; Apr. 26.
Frame: *See*—
Lens frame. Picture frame.
Frame structure. W. H. Cater. 1,626,393; Apr. 26.
Fruit, Apparatus for harvesting. H. W. Bartlett. 1,626,046; Apr. 26.
Fruit picker. N. Fryman. 1,626,402; Apr. 26.
Fuel igniter, Stove-. H. W. Robbert. 1,625,870; Apr. 26.
Fuel material and producing same, Binding. T. Nagel. 1,626,208; Apr. 26.
Furnace: *See*—
Electric furnace. Induction furnace.
Furnace. A. J. M. A. R. van der Does de Bije. 1,625,954; Apr. 26.
Furnace. G. C. Weideman. 1,626,576; Apr. 26.
Furnace and operating the same. F. W. Brooks. 1,626,263; Apr. 26.
Furnace or stove, Heating. G. Striffler. 1,626,054; Apr. 26.
Furring construction. G. F. Pawling. 1,625,865; Apr. 26.
Fuse, Low-capacity. E. V. Sundt. 1,626,105; Apr. 26.
Game. J. I. Lee. 1,626,243; Apr. 26.
Game apparatus. L. G. Brinkman. 1,625,980; Apr. 26.
Game-ball holder. R. F. Judd. 1,625,856; Apr. 26.
Game device, Prize. S. Weidenfeld. 1,625,922; Apr. 26.
Gaming device. R. Obrist. 1,626,148; Apr. 26.
Garment, Burial. J. W. Cannon. 1,626,450; Apr. 26.
Garment hanger. L. A. Phillips. 1,626,210; Apr. 26.
Garment retainer. A. Waisman. 1,626,218; Apr. 26.
Gas burner. H. M. Godsey. 1,625,992; Apr. 26.
Gas mixer. S. Ostroff. 1,626,423; Apr. 26.
Gas regulator. F. Gaunt, M. B. Reynolds, and R. C. Hughes. 1,626,581; Apr. 26.
Gaseous mixtures, Separating. J. Le Rouge. 1,626,345; Apr. 26.
Gasket. C. B. Bailey, W. W. McCord, and C. Wilkins. 1,626,110; Apr. 26.
Gasket, Sealing. T. J. Snyder. 1,625,963; Apr. 26.
Gasket-seating machine. W. S. Edwards. 1,625,800; Apr. 26.
Gasoline engine. F. Hoffner. 1,626,196; Apr. 26.
Gate: *See*—
End gate. Railway gate.
Gauge: *See*—
Plug gauge. Saw-tooth gauge.
Pressure gauge.
Gear and making same, Composite. L. T. Frederick. 1,626,230; Apr. 26.
Gear, Lever draft. E. C. Washburn. 1,626,258; Apr. 26.
Gearing, Compensating. D. E. Ross. 1,626,156; Apr. 26.
Generator: *See*—
Magneto generator.
Glass: *See*—
Sheet glass.
Glass. F. M. Locke. 1,626,042; Apr. 26.
Glass-drawing apparatus, Sheet-. J. L. Drake. 1,626,396; Apr. 26.
Glass, Drawing sheet. J. P. Crowley. 1,626,395; Apr. 26.
Glass, Forming sheet. J. C. Blair. 1,626,382; Apr. 26.
Glass, Machine for making bottles or other articles for. A. McNish. 1,626,548; Apr. 26.
Glass-polishing machine. C. W. Dake and R. S. Levis. 1,626,025-6; Apr. 26.

Glassware in suction-fed molds, Fabricating. K. E. Peiler. 1,626,575; Apr. 26.
Golf ball and making the same. W. C. Geer. 1,626,459; Apr. 26.
Golf-club shaft. G. E. Nicholls. 1,626,476–7; Apr. 26.
Golf practice device and game. W. M. Chase. 1,626,326; Apr. 26.
Golf tee. H. L. Richards. 1,625,911; Apr. 26.
Goods, Packing of. D. George. 1,626,525; Apr. 26.
Grain separator. Sandvig, N. B. 1,626,585; Apr. 26.
Grass-root rake, Quack-. E. L. Morgenroth and C. R. Morgenroth. 1,626,046; Apr. 26.
Grease gun. F. W. McNeely. 1,625,819; Apr. 26.
Grinder, Pulp. J. D. Ullgren. 1,626,015; Apr. 26.
Grinding and other machines, Indexing mechanism for. J. W. Snarry. 1,626,564; Apr. 26.
Grinding and separating apparatus. W. C. Hoover, R. D. Fritz, and E. F. Cahill. 1,626,466; Apr. 26.
Gun, Machine. W. T. Gorton. 1,625,993–4; Apr. 26.
Gyrocompass relay transmitter. E. A. Sperry. 1,626,123; Apr. 26.
Hair curling and waving device. A. H. Sexton. 1,626,254; Apr. 26.
Handle: *See*—
Door handle.
Handle-bending machine. W. S. Elliot. 1,626,190; Apr. 26.
Hanger: *See*—
Garment hanger.
Hat. J. J. Desmond. 1,626,272; Apr. 26.
Hat brims, Renovating and reblocking. H. Heartfield. 1,625,889; Apr. 26.
Hay loader. G. J. Bowman. 1,626,178; Apr. 26.
Headband. R. K. Siner. 1,626,433; Apr. 26.
Headlamp. J. H. Laird. 1,625,946; Apr. 26.
Heater: *See*—
Electric heater.
Heater. R. W. Spake. Des. 72,532; Apr. 26.
Heating and ventilating apparatus. J. A. Wolfe. 1,626,172; Apr. 26.
Heating and ventilating systems, Unit for. J. M. Frank. 1,626,400; Apr. 26.
Heating system, Electric. G. R. Blakesley. 1,626,221; Apr. 26.
Hides, skins, and leather, Machine for treating. J. J. Brophy and W. E. Broughton. 1,625,981; Apr. 26.
High-resistance element and making the same, Variable. L. F. Muter. 1,626,421; Apr. 26.
High-speed safety cutter head. L. T. Medholdt. 1,626,247; Apr. 26.
Hinge. G. W. Zabel. 1,626,372; Apr. 26.
Hinge, Jewelry-box. R. I. Rhodes. 1,626,301; Apr. 26.
Hoisting machines, Standard-locking mechanism for. R. M. Lovejoy. 1,626,141; Apr. 26.
Hopper, Loading. E. J. Smith. 1,626,122; Apr. 26.
Hosiery, Knitting. G. Murphy and W. A. Simond. 1,626,049; Apr. 26.
Household article. J. H. Camper. 1,626,507; Apr. 26.
Hydraulic brake. E. L. Larson. 1,626,542; Apr. 26.
Hydraulic jack. O. Schlemeyer. 1,626,158; Apr. 26.
Hydraulic motor. J. F. Rambo. 1,626,298; Apr. 26.
Hydrocarbon material, Distilling. E. M. Clark. 1,625,984; Apr. 26.
Ice-can carrier. G. B. Bright and R. N. Cole. 1,626,222; Apr. 26.
Ignition-controlling means. F. S. Denison. 1,625,796; Apr. 26.
Incinerator. E. B. Kay. 1,626,000; Apr. 26.
Incubator tray. F. E. Coatsworth. 1,626,394; Apr. 26.
Index, Card. D. C. Daniels. 1,626,027; Apr. 26.
Induction furnace. M. Unger. 1,626,437; Apr. 26.
Induction furnace. M. Unger. 1,626,485; Apr. 26.
Insect trap. R. J. Harris. 1,626,531; Apr. 26.
Internal-combustion engine. E. R. Burtnett. 1,626,387–8; Apr. 26.
Internal-combustion engine. C. E. Lucke. 1,626,202; Apr. 26.
Internal-combustion engine. O. D. Sutton and C. E. Kendall. 1,625,835; Apr. 26.
Internal-combustion engine. L. M. Woolson. 1,626,061; Apr. 26.
Iron: *See*—
Soldering iron.
Jack: *See*—
Hydraulic jack.
Jar holder, Candy-. E. Messer. 1,626,205; Apr. 26.
Jig Casting. J. I. Michaels and L. R. Watkins. 1,626,144; Apr. 26.
Joining materials. E. O. Peterson. 1,625,907; Apr. 26.
Joint: *See*—
Rail joint.
Knitting machines, Course-controlling attachment for. A. Wagner. 1,626,017; Apr. 26.
Lamp-door fastening. C. E. Godley. 1,626,405; Apr. 26.
Lamp, Electric. G. Venturini. 1,626,315; Apr. 26.
Lamp lens, Fluted. C. E. Godley. 1,626,406; Apr. 26.
Lamp, Sanctuary. B. Muller-Thym. 1,626,008; Apr. 26.
Lamps, Time switch for parking. W. F. Winterling. P. Van Bommel. 1,626,108; Apr. 26.
Lamps, Time switch for parking. W. F. Winterling. 1,626,319; Apr. 26.
Lantern, Hanging. L. A. Crumley. Des. 72,511; Apr. 26.
Latch. C. A. Mutispaugh. 1,626,422; Apr. 26.
Latch lock. A. Boge. 1,626,384; Apr. 26.
Laundry trays, Mixing-valve support for. S. Kersten. 1,626,343; Apr. 26.
Lavatory. C. Rekewitz. 1,626,155; Apr. 26.
Leaching, filtering, and absorbing gases and the like, Apparatus and process for. H. M. Stark. 1,625,831; Apr. 26.
Leather, Coloring. P. A. Blatz. 1,625,842; Apr. 26.
Lens frame, Separable vault-light. E. J. Alfieres. 1,626,063; Apr. 26.
Library-stack construction, Mop mold for. H. W. Lombard. 1,626,043; Apr. 26.
Light: *See*—
Passing light.
Light bracket fixture, Single electric. C. B. Rogers. Des. 72,528; Apr. 26.
Light bracket fixture, Twin electric. C. B. Rogers. Des. 72,529; Apr. 26.
Lighting fixture. J. Zweig. Des. 72,538; Apr. 26.
Lighting fixture, Electric-. A. Cooper. Des. 72,510; Apr. 26.
Lighting fixtures or similar articles, Arm for. G. E. Villaret. Des. 72,535; Apr. 26.
Lighting fixtures or similar articles, Backplate for bracket. G. E. Villaret. Des. 72,534; Apr. 26.
Lighting fixtures or similar articles, Escutcheon plate for. G. E. Villaret. Des. 72,536; Apr. 26.
Lightning-rod connecter. B. C. Burkett. 1,626,180; Apr. 26.
Lining and forming same, Friction. T. L. Gatke. 1,626,403; Apr. 26.
Linoxinlike substances, Manufacture of. W. O. Herrmann and H. Deutsch. 1,625,852; Apr. 26.
Liquid-displacing apparatus, Suction operated. H. J. Engbrecht. 1,626,455; Apr. 26.
Lock: *See*—
Bedpost lock. Latch lock.
Coin-controlled lock. Oarlock.
Lock mechanism. F. W. Andrew and M. Tibbetts. 1,626,065; Apr. 26.
Lock mechanism. M. Tibbetts. 1,626,106; Apr. 26.
Lock nut and nut tightener, Combined. H. Brownlee. 1,625,982; Apr. 26.
Locking mechanism. E. S. Hutton. 1,626,197; Apr. 26.
Locomotive smoke-box and saddle construction. W. L. Bean. 1,625,784; Apr. 26.
Loom. J. Vendrell. 1,626,569; Apr. 26.
Loom for weaving. J. B. Jabouley. 1,626,411; Apr. 26.
Looms, Bobbin battery for automatic weft-replenishing. D. M. Hollins. 1,625,942; Apr. 26.
Looms, Filling-control mechanism for filling-replenishing. E. C. Burnham and H. A. Davis. 1,626,505; Apr. 26.
Looms, Let-off mechanism for. H. A. Davis. 1,626,573; Apr. 26.
Looms, Warp stop mechanism for. H. H. Burton. 1,626,506; Apr. 26.
Lubricant. H. H. Willock, S. J. Caplan, and J. E. Babb. 1,625,069; Apr. 26.
Lubricating apparatus. W. R. E. Nohse. 1,626,478; Apr. 26.
Lubricating apparatus, Dust cap for. M. R. Chipman. 1,626,268; Apr. 26.
Lubricating system. E. H. Fairbanks. 1,626,456; Apr. 26.
Luggage carrier. J. Hyde. 1,625,808; Apr. 26.
Machine for frying peanuts and the like. A. G. Deschenes. 1,625,797; Apr. 26.
Machine for washing, rinsing, and drying dishes. J. C. Corbett. 1,626,022; Apr. 26.
Machine-tool drive. E. J. Kearney and J. Armitage. 1,626,001; Apr. 26.
Magneto generator. O. Thompson. 1,626,367; Apr. 26.
Mail box. J. A. Alms. 1,626,320; Apr. 26.
Marine water-closet. U. G. Lee. 1,625,902; Apr. 26.
Marking device. R. Wasserman. 1,626,440; Apr. 26.
Marking exhibitor. E. F. Stanton. 1,626,565; Apr. 26.
Massage implement and medicine applicator, Hand. O. T. Wayne. 1,626,127; Apr. 26.
Material-handling device. W. S. Russell. 1,625,913; Apr. 26.
Material-handling device. W. S. Russell. 1,625,960; Apr. 26.
Material-handling equipment. M. R. Butler. 1,626,389; Apr. 26.
Matrices adapted for the production of photographic surfaces comprising refracting elements, Manufacture of cut. M. Devigny. 1,626,134; Apr. 26.
Matrix-making machine. B. C. Blackmon. 1,625,786; Apr. 26.
Mattress-filling machine. H. C. Smith. 1,626,434; Apr. 26.
Measuring machine, Linear. H. E. Bryant. 1,626,265; Apr. 26.
Meat-slicing machines, Riner attachment for. J. W. Neasham. 1,626,693; Apr. 26.
Metal shapes, Making thin-. G. Seibt. 1,625,914; Apr. 26.
Meter: *See*—
Flow meter. Fluid meter.
Meters, Coin device for prepayment. J. Mettler. 1,626,143; Apr. 26.
Methanol production, Catalyst for synthetic. J. C. Woodruff and G. Bloomfield. 1,625,924–9; Apr. 26.
Mining machine. C. E. Davis. 1,626,132; Apr. 26.
Mixer: *See*—
Gas mixer.

Moisture indicating and recording. G. S. Whitham, jr. 1,626,060; Apr. 26.
Mold: *See*—
Brick mold.
Molder's pattern. D. J. Campbell. 1,626,224; Apr. 26.
Molding apparatus. D. J. Campbell. 1,626,225; Apr. 26.
Mop. J. S. Higgins, jr. 1,626,036; Apr. 26.
Mop heads, Making. E. Jumonville. 1,625,857; Apr. 26.
Mop wringer. W. F. Bazewick. 1,626,445; Apr. 26.
Motor: *See*—
Air motor. Water motor.
Hydraulic motor.
Motors, Governing device for internal-combustion. P. L. Scott. 1,626,053; Apr. 26.
Motors, Removable stator for electric. C. L. Daun and P. E. Keller. 1,626,028; Apr. 26.
Motors, Safety cranking device for internal-combustion. D. L. Oulton. 1,626,209; Apr. 26.
Muscle beater. H. L. Bevier. 1,625,977; Apr. 26.
Music-leaf turner. C. L. Knapp. 1,625,898; Apr. 26.
Needle vendor in the form of a miniature phonograph. E. F. O'Neill and E. L. Kern. 1,626,011; Apr. 26.
News and tabloid sections from a continuous web, Forming. E. L. Martin. 1,625,862; Apr. 26.
Nut guard. C. Lay. 1,625,901; Apr. 26.
Oarlock. E. G. Erickson. 1,626,191; Apr. 26.
Obstetrical instrument. E. Odell. 1,626,149; Apr. 26.
Oil burner. F. Hardinge. 1,626,116; Apr. 26.
Oil burner. C. J. and C. H. Sierman. 1,625,961; Apr. 26.
Oil burners, Air control for. F. S. Egloff. 1,626,228; Apr. 26.
Oil for pigments, Oxidized pine. J. K. Speicher. 1,626,362; Apr. 26.
Oil-saving device. E. Akers, C. C. Mims, F. L. Moutray and L. P. Miller. 1,626,494; Apr. 26.
Ophthalmic mounting. G. H. Du Paul. 1,625,885; Apr. 26.
Ophthalmic mounting. F. A. Stevens. 1,625,833; Apr. 26.
Ornamenting machine. C. F. Smith and J. B. Sabourin. 1,626,014; Apr. 26.
Ore and other materials, Machine for breaking. R. Hush. 1,626,535; Apr. 26.
Osteopathic operating table. J. W. Macklin. 1,626,091; Apr. 26.
Oven, Cooking. J. E. Chambers. 1,625,846; Apr. 26.
Packages for shipment or delivery, System for preparing. A. C. Youngson. 1,626,492; Apr. 26.
Packing. A. Ekman. 1,625,801; Apr. 26.
Packing. M. R. Kondolf. 1,626,344; Apr. 26.
Packing, Asbestos crown-type. E. E. Switzer. 1,626,436; Apr. 26.
Pad: *See*—
Swimming pad.
Paint composition. J. W. Lowman. 1,625,815; Apr. 26.
Panels, Operating and locking device for oscillating. C. T. Weymann. 1,625,923; Apr. 26.
Paper-feed mechanism. G. Gwinn. 1,626,409; Apr. 26.
Paper feeder. A. Olson. 1,626,353; Apr. 26.
Paper-feeding roll. W. B. Bronander. 1,626,386; Apr. 26.
Paper folding, cutting, and delivering machine. J. O. Hunt. 1,626,341; Apr. 26.
Paper-hanging device for wall. E. R. Burkey. 1,626,020; Apr. 26.
Paper or similar article, Box-cover. A. Drevenstedt. Des. 72,512; Apr. 26.
Paper or similar article, Lining. J. Lader. Des. 72,519; Apr. 26.
Paper or similar article, Lining. W. Schmitz. Des. 72,530; Apr. 26.
Paper, Process and mechanism for making crinkled. N. M. Goodlett. 1,626,527; Apr. 26.
Paper, Safety. J. Genoese. 1,626,078; Apr. 26.
Paper, Wrapping. H. Ebell. Des. 72,513; Apr. 26.
Parachute. F. Simon. 1,626,563; Apr. 26.
Partition or panel structure, Sectional. F. B. Wheat. 1,626,259; Apr. 26.
Passing light. E. A. Jeannotte. 1,626,281; Apr. 26.
Pattern: *See*—
Molder's pattern.
Paving block. E. Clark. 1,626,269; Apr. 26.
Pen, Fountain. M. M. Mach. 1,625,860; Apr. 26.
Pencils and the like, Clip for. C. R. Keeran. 1,625,809; Apr. 26.
Phonograph, Electric. A. A. Thomas. 1,625,918; Apr. 26.
Phonograph repeater, Adjustable. H. Seigman. 1,626,100; Apr. 26.
Photographic shutter. S. M. Fairchild. 1,626,032; Apr. 26.
Phototelegraphic apparatus. D. von Mihaly. 1,625,967; Apr. 26.
Piano pedal mechanisms under control of a record, Operate. T. F. Cheek. 1,626,328; Apr. 26.
Picker: *See*—
Fruit picker.
Picture frame, Changeable. S. Parda. 1,626,150; Apr. 26.
Picture mounting. W. J. Helmquest. Des. 72,518; Apr. 26.
Pictures, Apparatus for displaying changeable. A. Archipenko. 1,626,496; Apr. 26.
Pies, Baking. F. M. Wakeman. 1,626,316; Apr. 26.
Pin. H. K. Sakowski. 1,626,303; Apr. 26.
Pipe. E. T. Fitz-Gerald. 1,625,849; Apr. 26.
Pipe and nut wrench with ratchetlike control, Adjustable single-lever. A. J. Thurley. 1,626,309; Apr. 26.
Pipe-threading die. H. W. Smith. 1,625,830; Apr. 26.
Pipe-threading mechanism. H. D. Pennington. 1,626,251; Apr. 26.
Pipe wrench. F. Cox. 1,626,453; Apr. 26.
Piston. T. A. Hutsell. 1,625,943; Apr. 26.
Planter, Check-row. J. C. Reuse. 1,626,012; Apr. 26.
Plate or similar article. T. C. Merriman. Des. 72,524; Apr. 26.
Plate or similar article. M. J. Palm, jr. Des. 72,526; Apr. 26.
Platen support, Removable. O. A. Hokanson. 1,625,891; Apr. 26.
Platen, Toll-slip. H. A. Foothorap. 1,625,802; Apr. 26.
Playground slide. M. A. McCree. 1,626,142; Apr. 26.
Playing ball. R. W. Rost. 1,626,302; Apr. 26.
Pliers. P. J. Duffy. 1,626,274; Apr. 26.
Plows, Adjusting mechanism for. H. R. Traphagen. 1,626,368; Apr. 26.
Plows, Attachment for H. and F. Röwer. 1,626,358; Apr. 26.
Plug, Attaching. T. D. Finisio. 1,626,580; Apr. 26.
Plug gauge. F. L. Atwood. 1,626,176; Apr. 26.
Plumb bob. E. Barth. 1,626,130; Apr. 26.
Plumbing fixture. H. Roth. 1,626,255; Apr. 26.
Pneumatic-control device. S. L. Fisher. 1,626,192; Apr. 26.
Pocket flask. H. Negbaur. Des. 72,525; Apr. 26.
Polyhydroxy carbon compounds, Making. H. Essex and A. L. Ward. 1,626,398; Apr. 26.
Power shovel. J. S. Huber. 1,625,855; Apr. 26.
Power-transmission device. N. E. Craun. 1,626,270; Apr. 26.
Pressing apparatus. M. Rosenblum. 1,626,253; Apr. 26.
Pressure-control device. S. C. Brady. 1,626,073; Apr. 26.
Pressure gauge. G. H. Clark. 1,625,985; Apr. 26.
Printing attachments, Facsimile-. S. H. Plum. 1,625,908; Apr. 26.
Printing, Color. S. B. Freiberg. 1,626,522; Apr. 26.
Printing machine. C. T. Frantz. 1,626,401; Apr. 26.
Printing machine. W. G. Reynolds. 1,625,959; Apr. 26.
Printing machinery, Tripping mechanism for. S. L. Sharpless. 1,626,304; Apr. 26.
Printing presses, Attachment for. W. D. Barnes. 1,626,444; Apr. 26.
Propeller. W. W. Paget. 1,626,424; Apr. 26.
Propeller. M. D. Thompson. 1,626,056; Apr. 26.
Puller: *See*—
Casing puller.
Pulley or the like, Expansible. W. A. Kosken. 1,626,240; Apr. 26.
Pulling machines, Weight elevator for. L. Chamberlain. 1,626,114; Apr. 26.
Pump. S. C. Brady. 1,626,072; Apr. 26.
Pump. C. E. Burns. 1,626,181; Apr. 26.
Pump. W. J. Smith. 1,626,484; Apr. 26.
Pump and power plant, Vacuum. E. and F. W. H. Bond. 1,626,070; Apr. 26.
Pump having rolling pistons working in nuts. P. Christlein and K. Werner. 1,625,794; Apr. 26.
Pump mechanism, Vertical-. A. Hollander. 1,625,893; Apr. 26.
Pump, Rotary. E. M. Chase. 1,626,510; Apr. 26.
Pump, Rotary. F. Egersdörfer. 1,626,115; Apr. 26.
Pump, Vertical-shaft floating. A. Hollander. 1,625,892; Apr. 26.
Pump, Vibration-operated. C. H. Braselton and F. B. MacLaren. 1,625,788; Apr. 26.
Pumping apparatus, Liquid-. C. H. Braselton and F. B. MacLaren. 1,625,789; Apr. 26.
Pumping system. J. Oliphant. 1,626,250; Apr. 26.
Punching machine. G. Tauschek. 1,626,217; Apr. 26.
Push-button switch. R. W. Goff. 1,626,461; Apr. 26.
Rack: *See*—
Display rack.
Radiator cap. W. H. Billingsley. 1,626,177; Apr. 26.
Radiator casing or cover. B. Baxter. 1,625,931; Apr. 26.
Radiator for heating and ventilating units. M. J. Callahan. 1,626,390; Apr. 26.
Radiator shutter, Rolling. A. Schepper and P. Schroeder. 1,626,098; Apr. 26.
Radio apparatus, Portable. W. M. Heina. 1,626,464; Apr. 26.
Radio receiver. H. F. Worner. 1,626,370; Apr. 26.
Radio receiver and trouble alarm. R. K. Potter. 1,625,822–3; Apr. 26.
Radio receiving apparatus. H. E. Lowenstein and E. E. Clement. Re16,606; Apr. 26.
Radiotherapeutics, Ampulla composed of several compartments adapted for the purpose of. W. O. Heublein. 1,626,238; Apr. 26.
Rail anchor. H. H. Gifford. 1,625,938–9; Apr. 26.
Rail joint. D. B. Moisselle. 1,626,349; Apr. 26.
Rail tie. C. D. Curry. 1,626,517; Apr. 26.
Rail-tie support. L. L. Webster. 1,626,317; Apr. 26.
Railway gate. P. Frulla. 1,625,937; Apr. 26.
Railway journal boxes, Lubricator for. C. B. Royal. 1,626,428; Apr. 26.
Railway switch. H. J. Dyke. 1,626,520; Apr. 26.
Railway tie. W. R. Halferty. 1,626,082; Apr. 26.
Railway tie and rail fastener. J. F. Brown. 1,626,075; Apr. 26.
Railway-track-crossing structure. L. Morrow. 1,626,146; Apr. 26.

Railway-traffic-controlling apparatus. R. A. McCann. 1,626,006; Apr. 26.
Railway-traffic-controlling apparatus. H. A. Wallace. 1,626,486; Apr. 26.
Rake: *See*—
Grass-root rake.
Reamers, Grinding attachment for. A. C. Lindholm. 1,626,244; Apr. 26.
Receptacle, Toilet-paper. M. E. Thatcher. 1,626,308; Apr. 26.
Reciprocating engine, Rotary. A. H. Wright. 1,625,841; Apr. 26.
Reclining chair. A. C. Beech. 1,626,069; Apr. 26.
Recording device for farm use. G. A. Morrie and C. S. Pallot. 1,626,473; Apr. 26.
Reel: *See*—
Fishline reel.
Rewinding reel.
Yarn reel.
Reflecting device or unit, Light-. R. H. Murray. 1,625,905; Apr. 26.
Reflector. P. S. Bailey. 1,626,498; Apr. 26.
Reflector, Lamp. N. Lang. 1,625,948; Apr. 26.
Reflectors, Nonglare attachment for. R. L. Berg. 1,625,932; Apr. 26.
Refrigerating apparatus. E. L. Barnes. 1,625,878; Apr. 26.
Refrigerating machine, Brine-unit-type. H. E. Harris. 1,626,083; Apr. 26.
Refrigerator, Absorption. L. Reehsing. 1,626,554; Apr. 26.
Regenerative rotary repeater. A. H. Howard. 1,626,534; Apr. 26.
Register: *See*—
Automatic register.
Registers, Hood for. W. S. Elters. Des. 72,514; Apr. 26.
Regulator: *See*—
Gas regulator.
Rewinding reel. E. G. K. Anderson. 1,626,376; Apr. 26.
Rifles, Safety target attachment for air. J. B. Mulholland and A. F. Borschel. 1,625,956; Apr. 26.
Rims, Connecter for two-part demountable. A. L. Johnson. 1,626,284; Apr. 26.
Roadways, Strip for. W. E. White. 1,626,219; Apr. 26.
Rock-drilling device. E. G. Gartin. 1,626,277; Apr. 26.
Rolled plates, Scraper for. D. T. Spring and S. E. Spring. 1,626,435; Apr. 26.
Roller screen. F. D. and C. Hobbs. 1,626,086; Apr. 26.
Roofing element and making the same. J. H. Gillis. 1,625,888; Apr. 26.
Rubber article, Making a. O. Kirchbaum. 1,625,810; Apr. 26.
Rubber sheets, Protecting covering for. G. J. Esselen, jr. 1,626,276; Apr. 26.
Rug. J. Stabler. Des. 72,533; Apr. 26.
Sadirons, Rest for. H. Selgman. 1,626,101; Apr. 26.
Safety device. C. H. Gage. 1,626,077; Apr. 26.
Salt and pepper shaker, Combined. A. J. Flander. Des. 72,515–16; Apr. 26.
Sash and screen, Window. A. W. Goldman. 1,626,336; Apr. 26.
Sash-balancing device. A. L. Wagniere. 1,626,018; Apr. 26.
Sash, Ventilating. E. F. McHugh. 1,626,547; Apr. 26.
Saw, Portable tree-felling. A. Radtke. 1,626,553; Apr. 26.
Saw, Power-operated hand. F. Bjorklund. 1,626,503; Apr. 26.
Saw-tooth gauge. C. A. Briggs. 1,626,029; Apr. 26
Screen: *See*—
Roller screen.
Seal. H. V. Atwell. 1,626,445; Apr. 26.
Seal, Self-locking. E. Dietze. 1,626,273; Apr. 26.
Seat: *See*—
Vehicle seat.
Seat pad for sportsmen's coats. W. D. Stair. 1,626,166; Apr. 26.
Seat support, table, and luggage carrier for automobiles, Combined. D. C. Slater. 1,625,916; Apr. 26.
Seed-cleaning machine. M. L. Kollman and E. L. Klappal. 1,625,858; Apr. 26.
Seed-gathering device. S. L. Mosher. 1,626,207; Apr. 26.
Separator: *See*—
Centrifugal separator.
Grain separator.
Separator. W. M. Little and J. L. Sherman. 1,626,245; Apr. 26.
Sewing machine, Bag-. A. M. Bates and J. E. Dancker. 1,625,782; Apr. 26.
Sewing machines, Thread cutter for. S. Cortese. 1,626,329; Apr. 26.
Sewing, Severing, and seam-reinforcing machine. A. M. Bates and A. Krasa. 1,625,781; Apr. 26.
Shaper table, Woodword-. E. Reaveley. 1,626,153; Apr. 26.
Shipping box for clothing. W. H. Batts. 1,626,381; Apr. 26.
Shipping case, Folding. J. S. Williamson. 1,626,369; Apr. 26.
Shoe-bottom-filling machine. N. J. Westhaver. 1,626,571; Apr. 26.
Shoe last. P. Borda. 1,626,071; Apr. 26.
Shoe, Swimming. J. Zimmer. 1,626,175; Apr. 26.
Shovel: *See*—
Power shovel.
Shuttle-feeler thread parter and clamp. F. W. Mathis. 1,626,546; Apr. 26.
Sign, Illuminated. C. G. Keenan. 1,626,286; Apr. 26.
Signal: *See*—
Traffic signal.
Vehicle signal.
Signal for railway crossings, public highways, and the like, Electric. B. J. Shald. 1,625,873; Apr. 26.
Silk and the like from viscose solutions, Manufacture of artificial. W. P. Dreaper. 1,626,454; Apr. 26.
Ski tie. E. M. Eriksen. 1,626,521; Apr. 26.
Sleeve-finishing board, Dry-steam. I. W. Cox. 1,625,935; Apr. 26.
Sliding bolt. E. R. Sargent. 1,626,482; Apr. 26.
Soldering iron, Fountain. W. E. Quillen. 1,626,552; Apr. 26.
Sorting case. S. B. Tulloss. 1,626,126; Apr. 26.
Sound distributing and transmitting means and method. C. K. Woodbridge. 1,625,970; Apr. 26.
Sound-reproducing apparatus. C. A. Brigham. 1,625,844; Apr. 26.
Sound reproductions, Apparatus for. J. J. Jakosky. 1,626,088; Apr. 26.
Space band. J. M. Loblt. 1,626,003; Apr. 26.
Spark-gap device. J. H. Eastman. 1,626,030; Apr. 26.
Spark plug. G. Hadrich. 1,626,081; Apr. 26.
Speed of driven members, Controlling the. P. B. Reeves. 1,626,584; Apr. 26.
Speed transmission, Controller for variable-. M. O. Reeves. 1,626,299; Apr. 26.
Spindle retainer, J. Rose. 1,626,252; Apr. 26.
Spool or reel. H. E. Bryant. 1,626,204; Apr. 26.
Spray cooling. B. R. Sausen and H. D. Binks. 1,626,360; Apr. 26.
Spray gun. C. L. Reichenbach. 1,626,096; Apr. 26.
Spreader, Tire. V. R. Goeller. 1,626,460; Apr. 26.
Spring cover. F. D. Madge. 1,625,861; Apr. 26.
Stamp-dispensing machine. W. F. Schweiger. 1,625,827; Apr. 26.
Stand: *See*—
Display stand.
Stapling machine. J. H. Reed. 1,625,958; Apr. 26.
Steam hydraulic system. W. H. Ridgway. 1,626,556; Apr. 26.
Stencil and making same, Printing. S. S. Bendick. 1,626,323; Apr. 26.
Stencils for duplicating apparatus, Manufacture of. P. Campion. 1,626,113; Apr. 26.
Stoker, Underfeed. R. L. Beers. 1,625,975; Apr. 26.
Stone or marble, Artificial. L. E. Welch. 1,626,577; Apr. 26.
Storage-battery system. O. C. Wiederhold. 1,626,488; Apr. 26.
Storage system for and storing and removing from storage a liquid. M. B. Anfenger. 1,626,066; Apr. 26.
Stopper: *See*—
Crown stopper.
Stove, Combination. H. Lange. Des. 72,520; Apr. 26.
Stove, Gas. G. S. Morley. 1,626,047; Apr. 26.
Stoves, Oven for camp. H. C. Hanson. 1,626,035; Apr. 26.
Straightedge instrument. G. Lee. 1,625,949; Apr. 26.
Strike plate. J. H. Shaw. 1,626,432; Apr. 26.
Stringed instruments, Tuning peg for. U. S. Avery and A. K. Trout. 1,626,380; Apr. 26.
Strip-vulcanizing apparatus and method. T. J. Mell. 1,626,419; Apr. 26.
Sucker rod and lock. H. L. Sullins and J. E. Mustain. 1,626,307; Apr. 26.
Suit, Flying. H. R. Hart. 1,626,136; Apr. 26.
Superheater and boiler, Combined. H. O. Woolley. 1,626,220; Apr. 26.
Suppository and insertion of the same. H. C. L. Gougnard. 1,626,079; Apr. 26.
Suspender, Garment. R. Stephenson. 1,626,305; Apr. 26.
Swimming device. J. P. La Rosa. 1,626,541; Apr. 26.
Swimming pad. F. J. Smith. 1,626,163; Apr. 26.
Swing. J. J. McGinty. 1,626,204; Apr. 26.
Switch: *See*—
Circuit switch.
Electric switch.
Electromagnetic switch.
Push-button switch.
Railway switch.
Time switch.
Timing switch.
Switch. J. F. Harrington. 1,626,463; Apr. 26.
Switch box, Conduit. C. D. Converse. 1,625,882; Apr. 26.
Table: *See*—
Camp table.
Feed table.
Shaper table.
Treating table.
Table slide. H. H. Drew. 1,626,189; Apr. 26.
Tank construction and valve-lever-operating mechanism therefor, Flush. C. C. Wright. 1,626,128; Apr. 26.
Tar and the like, Distillation of. W. B. Davidson, A. C. Michie, and E. W. Muddiman. 1,626,588; Apr. 26.
Tassel fringe. D. M. Lending. Des. 72,521; Apr. 26.
Telephone, Device for use with. C. B. Kinkead. 1,626,287; Apr. 26.
Telephone holder. E. E. Jones. 1,626,539; Apr. 26.
Telephone system, Automatic. J. E. Gardner. 1,626,034; Apr. 26.
Telephone system, Automatic. G. H. Simmons. 1,626,103; Apr. 26.
Telephone system, Automatic and semiautomatic. R. Mordin. 1,626,206; Apr. 26.
Telephone system, Electromechanically-controlled. F. Aldendorff. 1,625,779; Apr. 26.
Telephones, Attachment for. S. Kats. 1,625,895; Apr. 26.

Telephonic receiver. E. A. Graham. 1,625,995; Apr. 26.
Tenpins, Machine for setting. J. W. Bishop. 1,626,446; Apr. 26.
Textile, Apparatus for treating. F. B. Voegeli. 1,626,439; Apr. 26.
Textiles, Treating. F. B. Voegeli. 1,626,438; Apr. 26.
Therapeutic materials, Making. E. Silten. 1,626,562; Apr. 26.
Thrashing machine. H. A. Lundquist. 1,625,953; Apr. 26.
Threading mechanism. A. L. De Leeuw. 1,626,187; Apr. 26.
Tie: *See*—
Rail tie.
Railway tie.
Ski tie.
Tile construction. F. Cesario. 1,626,021; Apr. 26.
Time piece with hand-driving extension. G. W. Toney. 1,626,170; Apr. 26.
Time switch. J. M. Andersen. 1,626,262; Apr. 26.
Timer. B. U. Hills. 1,625,806; Apr. 26.
Timing switch. J. H. Nelson. 1,626,475; Apr. 26.
Tire chains, Tightener and holder for. G. J. Bowman. 1,626,179; Apr. 26.
Tire molds, Flexible gasket for. H. O. Hutchens and C. A. Kessler. 1,625,894; Apr. 26.
Tire, Pneumatic. J. T. Clark. 1,626,512; Apr. 26.
Tire, Vehicle. J. T. Clark. 1,626,511; Apr. 26.
Tool for cleaning, chipping, or scaling surfaces, Rotary. W. B. Wright. 1,626,491; Apr. 26.
Toy, Dancing figure. S. M. Moore. 1,625,955; Apr. 26.
Toy electric railway. L. Caruso. 1,626,267; Apr. 26.
Toy exerciser. W. H. Sherrod. 1,626,161; Apr. 26.
Toy, Mechanical. L. D. Kroff. 1,626,040; Apr. 26.
Toy piano. G. H. Eckstein. 1,626,275; Apr. 26.
Toy race course. M. B. Mills. 1,626,420; Apr. 26.
Toy whistle. E. Jacquemin. 1,626,198; Apr. 26.
Tractor hitch. J. C. Wenner. 1,626,441; Apr. 26.
Tractor trailer of the type carried on two wheels. J. and L. Coder. 1,626,185; Apr. 26.
Tractors and their trailers, Coupling means between. J. and L. Coder. 1,626,184; Apr. 26.
Tractors, Differential lock for. G. C. Abbe. 1,626,374; Apr. 26.
Tractors, Spraying attachment for. N. A. Wright. 1,626,371; Apr. 26.
Traffic rails, Treating. H. Karl. 1,626,285; Apr. 26.
Traffic signal. H. Garrett. 1,625,990; Apr. 26.
Transformers, Treating liquid-insulated. E. Stenkvist. 1,626,213; Apr. 26.
Transmission mechanism. R. A. Fontaine. 1,626,229; Apr. 26.
Transmission system. H. Whittle. 1,625,840; Apr. 26.
Transmitting apparatus utilizing the principle of the Wheatstone bridge. E. Schneider. 1,626,560; Apr. 26.
Trap: *See*—
Insect trap.
Treating table. O. A. Miller. 1,626,471; Apr. 26.
Trimming device. A. A. Gagarin. 1,626,232; Apr. 26.
Truck, Industrial. E. H. Remde. 1,626,555; Apr. 26.
Truck-lever connection. S. Hansson. 1,625,805; Apr. 26.
Truck-lever connections, Making. S. Hansson. 1,625,804; Apr. 26.
Truck, Pig-lead. W. E. Newman. 1,626,350; Apr. 26.
Trunk fitting. G. H. Wheary. 1,626,059; Apr. 26.
Trunks, Ironing-board attachment for wardrobe. G. D. Jones. 1,626,468; Apr. 26.
Tube: *See*—
X-ray tube.
Tube-making method and apparatus. J. V. James. 1,626,412; Apr. 26.
Tube-working machines, Thread cutter for. W. T. Davis. 1,626,271; Apr. 26.
Tubes, Cutting-off device particularly for. P. Gedien and K. Schwade. 1,625,850; Apr. 26.
Tubes, Device for the electrical welding of seamed. P. Gedien and K. Schwade. 1,626,524; Apr. 26.
Tubes, Rolling. J. Roeder and W. Wellmann. 1,626,481; Apr. 26.
Turbine gland. F. Hodgkinson. 1,626,237; Apr. 26.
Twine holder. C. March. 1,626,545; Apr. 26.
Two-cycle rotary plant. C. P. Brockway. 1,625,790; Apr. 26.
Typewriters, Escapement mechanism for. O. A. Hokanson. 1,625,890; Apr. 26.
Typewriting machine. E. E. Barney. 1,625,974; Apr. 26.
Typewriting machine. B. C. Stickney. 1,626,124; Apr. 26.
Universal woodworking machine for carpenters, joiners, and cabinetmakers. H. Rozier. 1,626,559; Apr. 26.
V-shaped transmission, Splice block for. P. B. Reeves. 1,626,300; Apr. 26.
Vacuum devices, Applying a getter to. D. S. Gustin. 1,626,235; Apr. 26.
Valve. F. H. Hehemann. 1,626,532; Apr. 26.
Valve. R. E. Mitton. 1,626,045; Apr. 26.
Valve, Automatic. A. Moser. 1,626,147; Apr. 26.
Valve, Differential-pressure C. H. Atkins. 1,625,780; Apr. 26.
Valve, Flush. J. J. Langdon. 1,626,289; Apr. 26.
Valve, Gas. F. W. Shuell. 1,625,874; Apr. 26.
Valve, Intake. J. E. Harris. 1,626,279; Apr. 26.
Valve, Pressure-retaining. E. F. Wentworth and N. W. Lyon. 1,626,109; Apr. 26.
Valve-rotating mechanism. M. O. Anthony. 1,626,067; Apr. 26.
Valve, Sealed. J. J. Cavett. Re16,604; Apr. 26.
Valve-seat grinder. J. W. Roy. 1,626,212; Apr. 26.
Valve, Standing. A. N. Miller. 1,626,549; Apr. 26.
Vanity case C. N. Correll. 1,626,023; Apr. 26.
Vanity-case compact holder and catch. W. G. Kendall. 1,626,413; Apr. 26.
Vaporizer, Heavy-oil. D. T. Scott. 1,626,561; Apr. 26.
Vegetable cutter. F. H. Miller. 1,626,550; Apr. 26.
Vegetable fiber, Cooking. S. D. Wells. 1,626,171; Apr. 26.
Vehicle seat, Convertible. G. D. Howith. 1,626,340; Apr. 26.
Vehicle signal. D. F. Beauchamp. 1,626,131; Apr. 26.
Vehicle top, Collapsible. H. G. Miller. 1,626,551; Apr. 26.
Vehicle wheel. W. N. Booth. 1,625,879; Apr. 26.
Vehicle wind wing. A. Wassel. 1,625,875; Apr. 26.
Vehicles and the like, Spoked metal wheel for motor. E. H. Coquille. 1,625,986; Apr. 26.
Vehicles, Emergency valve-control system for tank. J. A. Jensen. 1,626,283; Apr. 26.
Vehicles, Steering attachment for. J. A. Felton. 1,625,886; Apr. 26.
Vehicles, Window for motor. H. Austin. 1,626,129; Apr. 26.
Vending machine. F. Ruoff. 1,626,429; Apr. 26.
Vending machine, Merchandise-. A. Cantrell. 1,625,845; Apr. 26.
Veneer-cutting machine. C. Straub. 1,626,365; Apr. 26.
Washers upon the pins of rubber-heel molds, Machine for placing. J. H. Kintzele. 1,626,039; Apr. 26.
Washing clothes, Apparatus for. W. B. Reeves and M. J. Poole. 1,626,154; Apr. 26.
Washing machine. A. W. Altorfer. 1,626,064; Apr. 26.
Washing machine, Spray head for boiler-. D. A. Hegerty. 1,625,851; Apr. 26.
Washing machines, Drain guard for. L. W. Tilt. 1,626,125; Apr. 26.
Water-closet, Marine. U. G. Lee. 1,625,950; Apr. 26.
Water cooler and refrigerating apparatus. E. A. Haas and M. Posey. 1,625,803; Apr. 26.
Water motor. W. Keywood. 1,625,896; Apr. 26.
Water softener. V. L. Tannehill. 1,626,055; Apr. 26.
Weighing apparatus, Liquid-. J. M. Rowland. 1,625,825; Apr. 26.
Weighing machine, Automatic. P. Durand. 1,625,709; Apr. 26.
Well-production apparatus. F. B. Vaughn and I. Thomas. 1,626,057; Apr. 26.
Wells, Gas-energy-control head for oil. E. V. Crowell. 1,625,883; Apr. 26.
Wheel: *See*—
Cast wheel.
Vehicle wheel.
Wheel. S. I. Prescott and F. J. Rummler. 1,626,355; Apr. 26.
Wheel construction, Cast-. N. S. Reed. 1,626,211; Apr. 26.
Wheels of vehicles, Guard for. W. D. Ratcliff. 1,625,824; Apr. 26.
Windmill. H. H. Macomber. 1,626,203; Apr. 26.
Window. V. Pastrengo. 1,626,479; Apr. 26.
Window adjuster, Friction casement-. E. J. Sibley. 1,625,915; Apr. 26.
Window, Combination. H. J. Schlacks. 1,625,872; Apr. 26.
Window-sash starter. M. J. Hoffenberg. 1,625,941; Apr. 26.
Window structure. O. W. L. Buss. 1,626,266; Apr. 26.
Wire, Pile. J. Bagley. 1,625,783; Apr. 26.
Wire-twisting machine. A. J. Gerrard and P. Wright. 1,626,404; Apr. 26.
Wireless amplifier, Loud-speaking. J. R. Showers. 1,626,102; Apr. 26.
Wood-splitting machine. C. Rasmussen. 1,626,152; Apr. 26.
Woodworking machines, Sectional feed roller for. W. R. Buss and M. E. Dick. 1,625,881; Apr. 26.
Wrapping device for irregularly-shaped delicate objects. O. Lauenstein. 1,626,543; Apr. 26.
Wrapping machine. H. Y. Armstrong. 1,626,378–9; Apr. 26.
Wrapping strand material around a core, Method of and apparatus for. H. F. Carter. 1,625,983; Apr. 26.
Wrench: *See*—
Chain pipe wrench.
Chain wrench.
Pipe wrench.
Wringer: *See*—
Mop wringer.
X-ray tube. G. Holst and A. Bouwers. 1,626,465; Apr. 26.
X rays and apparatus therefor, Producing homogeneous. A. St. John. 1,626,306; Apr. 26.
Yarn reel. X. Brügger. 1,626,325; Apr. 26.

CLASSIFICATION OF PATENTS

ISSUED APRIL 26, 1927.

NOTE.—First number—class, second number—subclass, third number—patent number.

1— 2: 1,625,957
20: 1,625,958
2— 64: 1,626,450
71: 1,626,024
79: 1,626,136
84: 1,626,288
94: 1,626,166
193: 1,626,272
4— 67: 1,626,128
1,626,255
77: 1,625,950
90: 1,625,902
193: 1,626,343
208: 1,626,125
247: 1,626,308
257: 1,626,155
5— 259: 1,625,817
260: 1,626,140
294: 1,626,121
8— 5: 1,625,842
8: 1,626,201
20: 1,626,438
1,626,439
9— 6.5: 1,626,509
17: 1,625,971
21: 1,626,163
1,626,175
1,626,541
26: 1,626,191
10— 89: 1,626,251
120: 1,625,830
12— 135: 1,626,071
14— 18: 1,626,241
15— 29: 1,625,792
104.14: 1,626,491
229: 1,626,036
262: 1,626,445
16— 128: 1,626,301
139: 1,626,373
141: 1,626,372
195: 1,626,479
198: 1,626,018
18— 1: 1,626,039
1,626,571
2: 1,626,466
3: 1,626,190
17: 1,626,419
26: 1,626,118
45: 1,625,894
54: 1,626,454
56: 1,625,810
59: 1,625,963
1,626,278
19— 106: 1,625,868
156: 1,626,339
20— 4: 1,626,259
6: 1,626,117
48: 1,625,872
52: 1,626,336
56.4: 1,626,547
22— 29: 1,626,225
65: 1,626,342
123: 1,626,144
158: 1,626,224
23— 103: 1,625,807
24— 11: 1,625,809
37: 1,625,813
1,625,814
68: 1,626,179
110: 1,626,296
113: 1,626,582
114: 1,626,137
124: 1,626,138
155: 1,626,303
245: 1,626,305
25— 41: 1,626,447
119: 1,626,004
129: 1,625,947
154: 1,626,318
157: 1,626,260
1,626,261
27— 33: 1,625,962
29— 38: 1,626,187
81: 1,626,435
89: 1,626,107
103: 1,625,836
183: 1,625,705
29— 164: 1,625,804
30— 3: 1,626,052
32— 15: 1,626,519
34: 1,626,226
33— 9: 1,626,440
30: 1,626,430
37: 1,626,401
82: 1,625,949
125: 1,625,976
134: 1,626,265
148: 1,626,540
178: 1,626,176
202: 1,626,029
16: 1,626,130
36— 4: 1,626,417
50: 1,626,587
72: 1,626,489
77: 1,626,426
37— 97: 1,625,912
39— 1: 1,626,077
40— 1.5: 1,626,133
10: 1,626,107
17: 1,626,565
32: 1,626,497
126: 1,626,514
129: 1,625,798
135: 1,626,383
139: 1,626,286
146: 1,625,904
156: 1,626,150
41— 2: 1,626,523
7: 1,626,444
25: 1,626,134
36: 1,626,508
38.6: 1,626,113
43— 19: 1,625,988
134: 1,626,530
1,626,531
44— 14: 1,626,208
45— 1: 1,626,043
7: 1,626,354
11: 1,625,916
50: 1,626,091
82: 1,625,895
115: 1,626,189
46— 40: 1,625,955
1,626,533
46: 1,626,198
47: 1,626,040
47— 18: 1,626,095
48— 190: 1,626,423
49— 3: 1,626,382
5: 1,626,548
1,626,575
17: 1,626,396
33: 1,626,395
50— 10: 1,626,073
26: 1,626,581
51— 131: 1,626,026
196: 1,626,025
225: 1,626,244
241: 1,626,212
280: 1,626,246
52— 2: 1,625,966
53— 1: 1,625,999
7: 1,625,797
8: 1,625,847
56— 207: 1,626,207
328: 1,626,068
334: 1,626,402
393: 1,626,046
58— 125: 1,626,170
59— 80: 1,626,139
1,626,416
97: 1,626,334
62— 95: 1,625,878
101: 1,626,054
115: 1,626,053
118: 1,626,554
142: 1,625,808
147: R. 16,605
157: 1,626,222
64— 8: 1,626,240
1,626,299
90: 1,626,351
92: 1,626,270
96: 1,626,195
64— 96: 1,626,458
66— 167: 1,626,017
188: 1,626,049
67— 55: 1,626,008
116: 1,626,147
68— 9: 1,626,253
19: 1,626,397
21: 1,626,064
23: 1,626,154
27: 1,626,101
30: 1,625,851
34: 1,626,507
70— 18: 1,626,106
46: 1,626,384
122: 1,625,901
127: 1,626,065
71— 10: 1,626,579
72— 15: 1,625,899
16: 1,626,112
42: 1,626,021
66: 1,625,900
71: 1,626,164
118: 1,625,865
1,625,866
73— 24: 1,626,060
30: 1,626,538
54: 1,626,223
109: 1,625,985
111: 1,626,294
167: 1,626,216
74— 7: 1,625,793
1,626,156
17: 1,625,805
39: 1,625,923
1,626,331
57: 1,626,584
64: 1,626,300
71: 1,625,965
99: 1,626,120
100: 1,626,374
109: 1,625,880
75— 1: 1,626,038
1,626,248
76: 1,626,292
78— 13.1: 1,626,014
80— 62: 1,626,481
81— 9.5: 1,626,119
66: 1,626,238
67: 1,626,518
110: 1,626,309
179: 1,626,453
206: 1,626,274
82— 4: 1,625,800
5: 1,626,271
83— 44: 1,625,917
45: 1,625,887
53: 1,626,535
75: 1,626,015
84— 10: 1,626,327
48: 1,626,192
99: 1,626,275
108: 1,626,328
270: 1,625,811
300: 1,626,094
305: 1,626,380
498: 1,625,896
85— 32: 1,625,982
87— 9: 1,625,969
17: 1,626,493
88— 1: 1,625,905
16: 1,626,496
24: 1,625,952
50: 1,625,833
53: 1,625,885
89— 33: 1,625,993
1,625,994
90— 21: 1,626,001
56: 1,626,564
91— 45: 1,626,096
67.95: 1,626,078
92— 9: 1,626,171
69: 1,626,527
93— 2: 1,626,379
5: 1,626,543
7: 1,626,378
94— 8: 1,625,838
1,625,839
94— 12: 1,626,269
18: 1,626,219
29: 1,626,063
95— 63: 1,626,032
97— 8: 1,626,572
48: 1,625,829
103: 1,626,368
134: 1,626,358
206: 1,625,834
233: 1,626,215
98— 66: 1,626,002
101— 125: 1,626,323
184: 1,626,304
211: 1,626,522
287: 1,625,950
336: 1,625,908
102— 2: 1,626,363
103— 28: 1,625,788
87: 1,625,892
89: 1,625,794
1,625,803
126: 1,626,115
137: 1,626,510
204: 1,626,181
208: 1,625,789
219: 1,626,162
229: 1,626,549
232: 1,626,057
1,626,236
234: 1,626,072
251: 1,626,070
104— 7: 1,625,864
105— 18: 1,626,048
44: 1,625,784
239: 1,626,250
247: 1,626,010
281: 1,625,998
106— 22: 1,625,852
29: 1,626,577
36.1: 1,626,042
107— 54: 1,626,316
110— 18: 1,626,000
32: 1,625,954
44: 1,625,975
111— 54: 1,626,012
112— 11: 1,625,782
102: 1,626,256
122: 1,625,781
252: 1,626,329
265: 1,626,337
113— 44: 1,625,914
46: 1,625,991
1,626,051
82: 1,626,291
109: 1,626,552
116— 48: 1,626,131
117— 41: 1,625,983
42: 1,626,264
351: 1,626,123
118— 65: 1,626,282
119— 31: 1,626,231
44: 1,626,394
132: 1,626,090
120— 42: 1,625,860
121— 10: 1,626,277
18: 1,626,087
122— 391: 1,626,385
478: 1,626,220
123— 25: 1,626,335
33: 1,626,202
43: 1,625,841
44: 1,625,790
47: 1,626,279
53: 1,626,388
54: 1,625,835
55: 1,626,457
57: 1,626,196
59: 1,625,943
1,626,387
90: 1,626,067
122: 1,626,061
1,626,561
140: 1,626,053
149: 1,626,367
169: 1,626,081
173: 1,625,843
177: 1,626,111
123— 179: 1,625,940
185: 1,626,209
195: 1,626,364
124— 15: 1,625,956
125— 8: 1,626,033
11: 1,626,232
126— 38: 1,626,035
42: 1,625,846
67: 1,626,054
116: 1,626,576
285: 1,626,174
128— 54: 1,625,977
62: 1,626,127
73: 1,626,471
271: 1,626,079
324: 1,626,149
341: 1,625,906
129— 12: 1,626,280
15: 1,626,126
16: 1,626,442
16.7: 1,626,027
16.8: 1,625,934
130— 27: 1,625,953
131— 12: 1,625,849
39: 1,626,410
51: 1,625,884
132— 41: 1,626,254
46: 1,626,433
79: 1,626,311
1,626,312
83: 1,626,023
1,626,413
1,626,474
84: 1,626,310
87: 1,626,415
133— 5: 1,625,979
6: 1,626,366
134— 39: 1,626,362
46: 1,625,815
60: 1,626,418
136— 107: 1,626,173
109: 1,625,848
137— 53: 1,626,443
72: 1,626,448
75: 1,625,867
1,626,490
93: 1,626,289
103: 1,625,780
104: 1,626,504
159: 1,625,978
138— 9: 1,626,158
14: 1,626,556
139— 13: 1,626,411
44: 1,625,783
110: 1,626,573
245: 1,625,942
267: 1,626,505
1,626,546
346: 1,626,569
365: 1,626,506
140— 93: 1,625,869
119: 1,626,404
141— 7: 1,625,930
1,626,452
1,626,516
9: 1,626,022
1,626,194
143— 63: 1,626,503
69: 1,626,553
144— 1: 1,626,559
193: 1,626,152
214: 1,626,365
230: 1,626,247
250: 1,625,881
253: 1,626,153
146— 100: 1,626,093
168: 1,626,550
219: 1,626,361
149— 16: 1,625,981
152— 20: 1,626,511
1,626,512
27: 1,626,460
153— 21: 1,625,854
154— 1: 1,625,786
2: 1,626,230
5: 1,626,412
17: 1,626,459
164— 42: 1,625,90
50: 1,626,276
155— 7: 1,626,340
171: 1,626,069
156— 15: 1,625,785
23: 1,626,186
39: 1,626,066
158— 28: 1,625,796
36: 1,626,116
80: 1,625,961
91: 1,626,228
99: 1,625,992
1,626,047
115: 1,625,964
161— 1: 1,626,262
164— 59: 1,626,227
75: 1,625,850
111: 1,626,217
166— 2: 1,625,883
167— 4: 1,626,321
7: 1,626,044
1,626,562
170— 20: 1,626,314
23: 1,626,313
47: 1,626,203
84: 1,625,896
154: 1,626,056
172: 1,626,424
171— 97: 1,626,097
119: 1,626,451
209: 1,626,199
252: 1,626,028
172— 152: 1,626,290
279: 1,626,182
173— 31: 1,626,180
324: 1,625,832
332: 1,626,580
367: 1,626,376
174— 177: 1,626,338
175— 41: 1,626,356
41.5: 1,626,370
1,626,391
1,626,526
1,626,537
115: 1,625,870
183: 1,626,005
294: 1,626,467
1,626,495
338: 1,626,058
361: 1,626,213
176— 2: 1,626,235
27: 1,626,315
66: 1,626,472
135: 1,626,104
177— 337: 1,625,990
1,626,560
178— 6: 1,625,967
44: 1,625,840
71: 1,626,534
179— 18: 1,625,779
1,626,034
1,626,103
1,626,206
100.1: 1,625,918
1,626,088
115: 1,625,844
1,625,995
171: 1,626,480
185: 1,626,287
181— 18: 1,625,970
27: 1,626,102
4: 1,625,831
183— 80: 1,625,816
115: 1,626,345
184— 38: 1,626,478
88: 1,626,268
187— 9: 1,626,141
29: 1,626,377
83: 1,626,583
188— 5: 1,625,936
30: 1,626,151
92: 1,626,542
259: 1,626,403
189— 13: 1,626,393
69: 1,626,266
190— 12: 1,626,293
13: 1,626,468

191— 29: 1, 626, 267
192— 107: 1, 625, 983
110: 1, 626, 427
141: 1, 626, 229
193— 5: 1, 626, 122
194— 22: 1, 625, 944
63: 1, 626, 429
74: 1, 626, 198
87: 1, 626, 348
88: 1, 625, 845
92: 1, 626, 143
196— 5: 1, 626, 588
76: 1, 625, 984
139: 1, 626, 346
197— 82: 1, 625, 890
112: 1, 625, 974
124: 1, 625, 802
126: 1, 626, 124
145: 1, 625, 891
198— 19: 1, 626, 492
203: 1, 626, 041
199— 68: 1, 626, 003
200— 1: 1, 626, 165
5: 1, 626, 469
11: 1, 626, 463
19: 1, 625, 806
26: 1, 626, 475
35: 1, 626, 319
50: 1, 626, 513
59: 1, 625, 973
112: 1, 625, 820
113: 1, 626, 233
122: 1, 626, 462
123: 1, 626, 105
150: 1, 626, 528
159: 1, 626, 461
201— 48: 1, 626, 421
204— 8: 1, 625, 898
64: 1, 626, 263
1, 626, 431
1, 626, 437
1, 626, 485
206— 7: 1, 626, 381
44: 1, 626, 324
50: 1, 626, 080
208— 184: 1, 626, 521
209— 78: 1, 625, 858
111: 1, 626, 359
287: 1, 626, 585

210— 24: 1, 626, 055
54: 1, 626, 245
211— 7: 1, 625, 945
1, 626, 011
1, 626, 205
14: 1, 626, 282
1, 626, 399
22: 1, 626, 502
23: 1, 626, 501
24: 1, 626, 330
25: 1, 626, 013
27: 1, 625, 935
33: 1, 625, 827
1, 626, 257
212— 70: 1, 625, 859
213— 27: 1, 626, 258
214— 1: 1, 626, 019
41: 1, 625, 913
1, 625, 960
65: 1, 626, 555
131: 1, 626, 178
138: 1, 625, 855
215— 11: 1, 626, 425
37: 1, 626, 499
39: 1, 626, 500
40: 1, 625, 963
216— 4: 1, 626, 020
219— 6: 1, 626, 524
20: 1, 626, 221
1, 626, 515
38: 1, 625, 989
47: 1, 626, 295
220— 1: 1, 626, 525
6: 1, 626, 009
1, 626, 369
59: 1, 626, 009
89: 1, 626, 494
221— 28: 1, 626, 050
47. 3: 1, 625, 819
47. 4: 1, 626, 456
67: 1, 626, 066
1, 626, 283
80: 1, 626, 455
111: 1, 626, 389
222— 1: 1, 625, 853
223— 31: 1, 625, 889
62: 1, 626, 210
224— 0. 5: 1, 625, 856
4: 1, 626, 160

224— 26: 1, 625, 920
29: 1, 625, 808
225— 28: 1, 626, 544
226— 17: 1, 626, 344
39: 1, 626, 200
45: 1, 626, 434
95: 1, 626, 375
228— 43: 1, 626, 145
229— 53: 1, 625, 968
85: 1, 626, 578
230— 24: 1, 626, 076
30: 1, 626, 557
232— 1: 1, 626, 157
4: 1, 626, 408
35: 1, 626, 320
233— 33: 1, 625, 919
236— 33: 1, 625, 874
237— 6: 1, 626, 234
238— 10: 1, 626, 075
79: 1, 626, 082
105: 1, 626, 317
164: 1, 626, 349
324: 1, 625, 939
330: 1, 625, 938
338: 1, 626, 317
240— 8. 2: 1, 626, 281
41: 1, 625, 946
1, 626, 405
44: 1, 626, 407
45: 1, 625, 932
48. 4: 1, 626, 406
52: 1, 626, 539
90: 1, 626, 108
103: 1, 625, 948
104: 1, 626, 498
241— 7: 1, 626, 218
242— 84. 5: 1, 626, 357
110: 1, 626, 325
117: 1, 626, 322
146: 1, 626, 545
243— 9: 1, 625, 903
1, 626, 214
244— 2: 1, 626, 332
1, 626, 483
6: 1, 625, 951
1, 626, 183
21: 1, 626, 563
29: 1, 626, 567
246— 34: 1, 626, 006

246— 63: 1, 626, 489
246: 1, 625, 873
273: 1, 626, 146
293: 1, 625, 937
453: 1, 626, 520
247— 3: 1, 626, 570
21: 1, 625, 882
248— 6: 1, 626, 539
36: 1, 625, 897
37: 1, 626, 333
249— 26: 1, 625, 825
250— 6: R. 16, 606
14: 1, 626, 464
17: 1, 626, 449
20: 1, 625, 822
1, 625, 823
27: 1, 626, 239
34: 1, 626, 306
35: 1, 626, 465
36: 1, 625, 906
38: 1, 626, 030
251— 27: R. 16, 604
46: 1, 626, 532
137: 1, 626, 089
147: 1, 625, 828
155: 1, 626, 031
253— 136: 1, 626, 298
254— 2: 1, 626, 350
178: 1, 626, 114
186: 1, 625, 871
192: 1, 625, 910
255— 46: 1, 626, 508
72: 1, 626, 249
257— 32: 1, 625, 821
124: 1, 625, 987
132: 1, 626, 008
136: 1, 625, 931
137: 1, 626, 172
1, 626, 400
149: 1, 626, 390
259— 4: 1, 626, 487
8: 1, 626, 207
260— 12: 1, 626, 167
1, 626, 168
1, 626, 169
16: 1, 626, 558
61: 1, 626, 392
124: 1, 625, 826
156: 1, 625, 924

260— 156: 1, 625, 925
1, 625, 926
1, 625, 927
1, 625, 928
1, 625, 929
156. 5: 1, 626, 398
261— 1: 1, 625, 997
1, 626, 062
28: 1, 626, 484
40: 1, 626, 085
62: 1, 625, 787
99: 1, 626, 159
116: 1, 626, 360
262— 30: 1, 626, 132
33: 1, 626, 016
265— 48: 1, 625, 799
267— 8: 1, 626, 188
20: 1, 625, 972
37: 1, 625, 861
268— 132: 1, 625, 941
270— 42: 1, 625, 862
71: 1, 626, 341
271— 2. 3: 1, 626, 409
41: 1, 626, 386
52: 1, 626, 352
62: 1, 626, 353
272— 36: 1, 626, 204
41: 1, 625, 877
55: 1, 626, 161
56. 5: 1, 626, 142
273— 11: 1, 626, 242
33: 1, 625, 911
35: 1, 626, 326
38: 1, 625, 980
42: 1, 626, 446
62: 1, 626, 302
80: 1, 626, 476
1, 626, 477
86: 1, 626, 420
120: 1, 625, 922
134: 1, 630, 243
145: 1, 626, 148
274— 15: 1, 626, 100
277— 24: 1, 625, 921
280— 33. 1: 1, 626, 184
1, 626, 185
33. 12: 1, 626, 441
92: 1, 625, 886
281— 6: 1, 626, 473

282— 16: 1, 626, 574
285— 2: 1, 626, 135
286— 10: 1, 626, 237
30: 1, 625, 801
287— 60: 1, 625, 818
117: 1, 626, 307
288— 1: 1, 626, 110
1, 626, 436
290— 37: 1, 626, 488
291— 1: 1, 626, 285
292— 5: 1, 626, 059
101: 1, 626, 177
145: 1, 626, 482
216: 1, 626, 422
275: 1, 625, 915
321: 1, 626, 273
338: 1, 626, 007
340: 1, 626, 432
293— 55: 1, 626, 347
1, 626, 566
58: 1, 625, 824
294— 96: 1, 625, 909
296— 44: 1, 625, 791
45: 1, 626, 129
55: 1, 626, 414
84: 1, 625, 875
85: 1, 626, 074
116: 1, 626, 551
299— 4: 1, 626, 037
45: 1, 626, 371
300— 21: 1, 625, 857
301— 9: 1, 625, 986
31: 1, 626, 284
63: 1, 626, 355
65: 1, 625, 876
1, 626, 211
67: 1, 625, 879
303— 14: 1, 625, 837
18: 1, 626, 586
54: 1, 626, 045
79: 1, 626, 109
88: 1, 626, 428
308— 150: 1, 626, 536
189: 1, 626, 002
212: 1, 625, 812
233: 1, 626, 470

OFFICIAL GAZETTE

UNITED STATES PATENT OFFICE

MAR. THRU APR.

VOL 356 - 357

1927